



Boeing SMART Rotor Full-Scale Wind Tunnel Test Data Report

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NOMENCLATURE

ALFSC	corrected angle of attack, Boeing data, + aft tilt (deg)
COLLA	rotor collective control input, + nose up (deg)
C _p	rotor power coefficient (equivalent to torque coefficient)
CPOS	rotor power coefficient over solidity, C _p /σ
CSND	tunnel speed of sound, ft/s
C _T	rotor thrust coefficient, + up
CTHHC	Continuous Time Higher Harmonic Controller
CTOS	rotor thrust coefficient over solidity, C _T /σ, + up
DRAGR _H	rotor drag force, obtained from rotor balance, corrected for weight tare and shaft rotation tare, + aft (lbf)
Harmonics	flap frequency in cycles per rotor revolution
HP	horsepower from rotor torque
LATA	rotor lateral control input, nose down at PSI = 0° (deg)
LONGA	rotor longitudinal control input, nose down at PSI = 90° (deg)
MAT	rotor advancing tip Mach number
MTIP	rotor tip Mach number
MTUN	tunnel Mach number
MU	rotor advance ratio, tunnel speed/OMR
n	harmonic index (0 to N) or harmonic frequency n/rev, also nP
OMR	rotor tip speed (ft/s)
PITCHRH	rotor pitch moment obtained from rotor balance, corrected for weight tare and shaft rotation tare, + nose up (in-lbf)
PS	static pressure at tunnel centerline (psfa)
Q	corrected tunnel dynamic pressure (psf)
RDMS	Rotor Data Management System
RHO	air density (slug/ft ³)
ROLLRH	rotor roll moment obtained from rotor balance, corrected for weight tare and shaft rotation tare, + right side down (in-lbf)
RPM	rotor RPM, + counterclockwise from top
SIDERH	rotor side force obtained from rotor balance, corrected for weight tare and shaft rotation tare, + right (lbf)
THRUST	rotor thrust force parallel to rotor shaft, + up (lbf)
TORQ	rotor torque, + drag (in-lbf)
TSR	tunnel static temperature (deg_R)
VISC	tunnel air viscosity (slug/ft-s)
VKTS	tunnel speed (knots)
α _{su}	uncorrected shaft angle-of-attack, + aft tilt (deg)
σ	rotor solidity, blade area/disc area

BOEING SMART ROTOR FULL-SCALE WIND TUNNEL TEST DATA REPORT

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SUMMARY

A full-scale helicopter smart material actuated rotor technology (SMART) rotor test was conducted in the NASA Ames 40- by 80-Foot Wind Tunnel. The SMART rotor system is a five-bladed MD 902 bearingless rotor with active trailing-edge flaps. The flaps are actuated using piezoelectric actuators. Rotor performance, structural loads, and acoustic data were obtained over a wide range of rotor shaft angles of attack, thrust, and airspeeds. The primary test objective was to acquire unique validation data for the high-performance computing analyses developed under the Defense Advanced Research Project Agency (DARPA) Helicopter Quieting Program (HQP). Other research objectives included quantifying the ability of the on-blade flaps to achieve vibration reduction, rotor smoothing, and performance improvements. This data set of rotor performance, structural loads, and rotor flap frequency sweep (chirp) tests can be used for analytical and experimental comparison studies with other full-scale rotor systems and for analytical validation of computer simulation models. The purpose of this final data report is to document a comprehensive, high-quality data set that includes only data points where the flap was actively controlled and each of the five flaps behaved in a similar manner.

INTRODUCTION

The Boeing Company developed the SMART rotor under a DARPA smart materials and structures demonstration program. The objectives of the SMART rotor program were to demonstrate smart materials for active control on a helicopter rotor and quantify performance and cost benefits. Piezoelectric actuators, driving trailing-edge flaps on a modified MD 902 rotor, were used to reduce vibration and noise, improve aerodynamic performance, and perform other active control functions. Development of the actuation and rotor system was supported by DARPA. NASA and the U.S. Army funded fabrication of the rotor blades. The state-of-the-art five-bladed composite bearingless main rotor system of the MD 902 was modified to include on-blade piezoelectric actuators and trailing-edge flaps. The MD 902 Explorer twin engine, light-utility helicopter is the intended flight demonstration vehicle for a future, anticipated flight test.

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1992 MDART Rotor Test

The McDonnell Douglas Helicopter Company (MDHC) and NASA Ames Research Center jointly conducted a test of the McDonnell Douglas Advanced Rotor Technology (MDART) rotor in the Ames 40- by 80-Foot Wind Tunnel in 1992. The MDART rotor is a modern, five-bladed bearingless design that incorporates elastomeric dampers to augment the damping of the blade in-plane motion. This test was the first wind tunnel test of a full-scale, five-bladed bearingless rotor. It was also the first test to apply higher harmonic control (HHC) to a full-scale bearingless rotor in order to study the effect of HHC on rotor vibration, loads, and noise. Prior to the wind tunnel test, the MDART rotor underwent hover testing at the Boeing Mesa whirl stand (ref. 1). The objective of the MDART wind tunnel test program was to evaluate the aerodynamic performance and aeromechanic properties of the MDART rotor. MDART testing at Ames Research Center provided a significant amount of performance, loads, and stability data up to airspeeds of 200 knots and thrusts of 1.8g (refs. 2–3). The measurements were compared with predictions from the University of Maryland Advanced Rotorcraft Code (UMARC) in order to improve computational prediction tools (ref. 4). The results from this 1992 wind tunnel test can be considered as a baseline data set for an unmodified MD 900 rotor.

Differences between the MDART rotor and the recent Boeing SMART rotor designs include blade spar modifications to incorporate the on-blade flaps and smart material actuators, as well as slight modifications to the flexbeams (ref. 5).

DESCRIPTION OF EXPERIMENT

A modified full-scale MD 902 Explorer rotor with on-blade piezoelectric-actuated trailing-edge flaps was used to demonstrate the capabilities of active-flap technology in forward flight. The objective of the DARPA program was to demonstrate the impact of active flaps on rotor acoustics for the purpose of establishing a validation database for noise prediction tools (ref. 6). The HQP program was initiated in 2004 to develop high-fidelity state-of-of-the-art computational tools necessary for designing advanced helicopter rotors with reduced acoustic perceptibility and enhanced performance. A critical step towards this achievement is the development of rotorcraft prediction codes capable of assessing a wide range of helicopter configurations and operations for future rotorcraft designs. This includes novel next-generation rotor systems that incorporate innovative passive and/or active elements to meet future challenging military performance and survivability goals. Wind tunnel testing was successfully and safely concluded in 2008, meeting all DARPA HQP high-priority objectives (refs. 7–13).

Under supplemental NASA funding, additional wind tunnel testing was conducted to demonstrate and quantify vibration, noise, and performance improvements. The authority, effectiveness, and reliability of the flap actuation system were demonstrated in 65 hours of testing at up to 155 knots airspeed and 7,700 lb thrust. Validation data was successfully acquired for all test conditions. The effectiveness of the flap for noise and vibration control was demonstrated conclusively, with the results showing significant reductions in blade-vortex interaction (BVI) and in-plane noise, as well as vibratory hub loads; the impact of the flap on control power and rotor smoothing was also demonstrated (refs. 8–15). References 16–19 list relevant Boeing technical reports.

Test Setup

The 11-week-long test in the National Full-Scale Aerodynamics Complex (NFAC) was conducted between February and April 2008. The SMART rotor was installed on Boeing's Large Rotor Test Stand (LRTS) with the rotor hub 23.8 ft above the acoustic lining of the tunnel floor (figs. 1 and 2). The LRTS was supported by two main front struts and a telescoping tail strut. Tail-strut retraction provided shaft angle-of-attack adjustment. Connected by the vertical test-stand strut, the LRTS consisted of a lower and an upper housing. The lower housing enclosed a 1,500-HP General Electric motor and transmission. The upper housing enclosed the rotor balance and hydraulic servo-actuators for the rotor primary control system. A five-component rotor balance was mounted on top of a static mast that connected to the rotor hub in the upper housing. The balance measured three forces (lift, drag, and side) and two moments (pitch and roll). Torque was passed directly to the rotor hub through the rotating drive shaft that was confined in the static mast. Rotor torque was measured on the flex coupling between the drive shaft and the rotor.

Test Hardware

The five-bladed SMART bearingless rotor is 33.85 ft in diameter and has an HH-10 (12-percent-thick) airfoil at the in-board section and an HH-06 (9.5-percent-thick) airfoil at the outboard section. The blade region from 0.93R to the tip has a parabolic leading edge sweep (22 deg at the tip) with straight trailing edge and a 2:1 taper ratio. The active flap extends from 0.74R to 0.92R and has a flap chord of 25-percent blade chord (hinge to trailing edge) with an overhang of 40 percent, resulting in a total flap chord that is 35 percent of blade chord. The piezoelectric actuators, embedded in the blade spar, are centered at 0.74R. The actuators are designed to drive the trailing-edge flap frequencies up to 6/rev (6P) with maximum amplitude of ± 3 deg. Rotor characteristics are given in table 1.

Piezoelectric On-Blade Actuators

The piezoelectric actuators consist of two X-frame mechanisms and four piezoelectric stack columns. The two X-frames are mechanically in parallel, in a push-pull configuration, thus the forces add up and displacements are constrained to be identical. The stack columns in each X-frame are mechanically and electrically preloaded to always be in compression. Applying a positive voltage to the two stack columns extends their length, reducing the enclosed angle and closing the X-frame mechanism. Flap motion control is typically achieved by supplying bias (0 to 10V DC) and dynamic (0 ± 10 V AC) voltage commands to the amplifier. The drive voltages for the two channels, i.e., inboard and outboard X-frame actuator, are set 180 deg out of phase. The bias voltage contributes to the actuator preload but ideally produces no flap deflection. The flap deflection is proportional to the dynamic voltage. Flap actuator operations were limited to a dynamic voltage of 400 ± 500 V with a relative humidity (RH) < 55 percent, and 400 ± 600 V with RH < 45 percent. The flap range of motion was ± 3 deg and was measured by a Hall effect sensor. Positive flap deflection is defined as trailing-edge down. Flap actuator characteristics are given in table 1.

Data Channels

In addition to the microphone and rotor-balance measurements, other measurements were also made using rotating-blade, stationary, and wind-tunnel channels. Blade #1, the primary blade, was fully instrumented with rotating-blade channels that included flap, lag, and torsional strain gauges on the flexbeam, pitchcase, and blade at various spanwise stations (fig. 3). During the test, the critical flexbeam flap-bending gauge at $r/R = 0.044$ (station 9) was used by the rotor operator to minimize blade 1P flapping (and hence 1P hub moments) at the desired test point; an active backup gauge (channel) was also used on blade #2 at the same station, $r/R = 0.044$. Other rotating system channels included the active-flap position (each blade) measured through a linear voltage differential transformer (LVDT) sensor, and the input voltage and current to the piezoelectric actuators. The stationary channels included the nonrotating swashplate position, the rotor speed, the test-stand vibration, and the inter-range instrumentation group B (IRIG-B) time code.

The standard wind-tunnel channels included the model shaft angle of attack, temperature, pressure, humidity, etc. Additional channels for derived quantities like air density, advance ratio, rotor collective, etc., used data from the standard wind-tunnel channels.

Microphones

During the Boeing SMART rotor test, a set of microphones was strategically placed around the model to capture rotor noise sources of interest. These microphones (figs. 2 and 4) were grouped into: a) out-of-plane fixed microphones (M1 and M4) to correlate to microphones used previously in the MDART test; b) traverse microphones (M5 through M12) that could be moved along guided rails for out-of-plane BVI noise mapping; and c) in-plane microphones (M13, M14, and M15) for low-frequency, in-plane rotor noise measurement. Microphones M13, M14, and M15 were mounted on tower struts to be near the plane of the rotor (in-plane, approximately 10 deg below wind-tunnel centerline). These microphones were also intentionally positioned along a straight line originating from the advancing blade tip to the tunnel centerline to help determine the near-field/far-field characteristics of in-plane rotor noise. With the exception of M14, all microphones were located within the acoustically treated portion of the 40- by 80-Foot Wind Tunnel test section. To account for non-zero shaft tilt angle, the microphone coordinates must be transformed accordingly using the pivot point located 163 inches below the rotor hub. Acoustic data are presented in a separate report and are not included herein.

Data Acquisition Systems and Post-Test Data Processing

The SMART test used two sets of data acquisition systems: the NFAC wind tunnel data system and the Boeing pulse-code modulation (PCM) data system. The 12-bit Boeing data system consisted of a rotating and a stationary unit. The stationary data unit mounted on top aft of the right main strut was responsible for acquiring all stationary channels, the wind-tunnel channels, the traverse microphone channels, and a reference channel. The rotating data unit enclosed in a circular fairing on top of the rotor hub acquired all rotating channels and transmitted them through slip rings. Both units provided signal conditioning to the sensors, and sampled and transmitted the digital data as PCM streams at 10 Mb/s. The PCM streams were then combined and recorded on a digital tape and a computer in the

wind-tunnel control room. The Boeing system acquired all data continuously at fixed sampling rates, mostly at 1250 Hz but some at 0.3333, 625, 3750, 10k, and 15k Hz.

Unlike Boeing's time-base data system, the NFAC data system acquired all data simultaneously at two rotor-synchronized rates: 256 samples/rev for wind-tunnel channels and 2048 samples/rev for all (AC-coupled) microphone channels. For each test point, 64 revolutions of data (about 9.8 sec) were recorded. Synchronized azimuth-based sampling allows the extraction of exceptional signal-to-noise ratios associated with the rotational harmonics of the rotor. Any fluctuations not associated with the rotor harmonic frequencies are naturally suppressed by the azimuth-based technique when averaged over all 64 revolutions of data.

Post-test data processing for the Boeing data involved more steps than for the NFAC data. The reference channel (a 0.2-Hz triangle signal) was used as the time alignment reference between the Boeing and the NFAC data systems. Then 64 revolutions of Boeing data were extracted for processing, and corrected for time shifting due to the sequential sampling of the PCM systems and the 7-deg offset of the 1/rev encoder. The Boeing data was then spline-fitted to 256 samples/rev and converted from raw counts into engineering units. Phase correction for the anti-aliasing filter was also applied and then stored on the NASA Ames Rotor Data Management System (RDMS) data server. Because NFAC data were sampled simultaneously and synchronously with the rotor speed, the only correction to the NFAC data was the 7-deg offset of the 1/rev encoder. After the Boeing and the NFAC data were merged together onto the RDMS server, weight and aerodynamic hub tare corrections were applied to the rotor balance data. As noted earlier, blade #1 is the fully instrumented blade and each succeeding blade is labeled in order from 2 to 5; when blade #1 is directly over the "tail" (i.e., pointing downstream) the rotor is at 0-deg azimuth.

Rotor Data Management System (RDMS)

At Ames Research Center, the RDMS is the storage system for wind tunnel test data. Created by Randy Peterson, RDMS provides both corrected and uncorrected data. Data is corrected using weight and aerodynamic tares as shown in table 2.

DATA ANALYSIS

The purpose of this data report is to document a comprehensive, high-quality data set. This data report considers only those data points where the flaps were actively controlled. In order to identify (and analyze) the relevant data of present interest, the RDMS SMART rotor test data set was selectively narrowed down. An initial review of all the data showed that the flap controller was working correctly as designed during runs 42–64. Starting with these runs, approximately 1400 test points were considered for detailed analysis. These 1400 points were further narrowed down to approximately 550 points through the imposition of flap deflection and phase constraints, described as follows and summarized in table 3:

- i) The first step was to remove points with *thrust* < 100 lb. This was done to eliminate points where the rotor was not spinning.

- ii) The second constraint was to exclude points with *airspeed* < 10 knots. This separated hover points from forward-flight points.
- iii) The next step was to eliminate points that showed blade-to-blade differences in the *mean values of the flap deflection*, with blade #1 as the reference blade. The mean flap deflection of each blade was subtracted from the mean flap deflection of blade #1. This gave the differences in mean values for blades 2, 3, 4, and 5. After a close study of the data, a mean difference of 0.3 deg for all blades was considered to be acceptable; all points that had a blade with a mean difference magnitude > 0.3 deg were eliminated.
- iv) Blade-to-blade differences in *maximum flap deflection* were handled in a manner similar to iii) above with the following exception. For the maximum flap deflection it was observed that the data could be split into the following two groups (ranges): a maximum flap amplitude range of 0–1.3 deg and 1.3–3.0 deg. The tolerance for the first group, 0–1.3 deg, was found to be ± 0.15 deg between each blade (2 to 5, relative to blade #1). The corresponding tolerance for the second group, 1.3–3 deg, was found to be ± 0.21 deg. Splitting the data set into these two groups allowed the more accurate control of the flaps at lower amplitudes to be easily seen. Blade-to-blade differences in *minimum flap deflection* were handled in the same manner as described above with the same numerical values for the two groups, etc.
- v) After the flap displacement criteria were implemented and relevant points removed from the data set considered for this report, the *phase angle* was considered. The phase angle depends on the commanded (driven) harmonic amplitude and the corresponding measured individual flap deflection; that is, the phase angle is the difference between the commanded and measured flap harmonic amplitudes. The phase angle was corrected for the blade-to-blade 72-deg-azimuth shift. For commanded harmonic amplitudes > 0.1 deg, a phase angle tolerance of ± 0.5 deg was established. This criterion was only used on data points where there was an active input; the 0-deg deflection cases were not subject to this criterion. All multiple harmonic points such as those associated with the vibration reduction part of the data set were subject to this criterion (for all commanded harmonics).

PRESENTED DATA

Overall, Appendix A contains summaries of specific tests and Appendices B through K contain data. The names, descriptions, units, and positive directions of the data channels referred to in the main text are listed under Nomenclature. The other remaining channels, the Static Data and Dynamic Data channels, are shown in tables 4 and 5, respectively. The contents of tables 4 and 5 are also included in all appendices. In tables 4 and 5, the channels are listed in the order that they appear in the data appendices, not alphabetically. In the data appendices, static data is represented by the mean value of the parameter under consideration and, separately, dynamic data is represented by 15 harmonics. The equation for the dynamic data is as follows:

$$\text{Dynamic data value} = a_0 + a_1c*\cos(\psi) + b_1s*\sin(\psi) + a_2c*\cos(2\psi) + b_2s*\sin(2\psi)\dots$$

where ψ is the azimuth angle and $\psi = 0$ deg when blade #1 is directly over the tail, i.e., pointing downstream, and a_0 , a_1c , b_1s , etc., are the harmonic coefficients given in the dynamic data appendices. The data appendices contain mutually exclusive data associated with particular test conditions.

The data presented in this report is arranged primarily by airspeed, and within the airspeed groupings the data points are arranged by their commanded harmonics (i.e., the commanded harmonic input to the flap). Within each harmonic grouping, the data points are arranged by ascending run and point number. Along with this arrangement of data, the dynamic and static channels that provide a more in-depth description of each run point are also given. The additional description channels include the rotor thrust, rotor RPM, balance forces and moments, control inputs, and environmental conditions. A data DVD is attached to this report; it contains the full time-history records of the listed channels for all the data points in this report.

TABLE 1. BOEING SMART ROTOR AND ACTIVE FLAP CHARACTERISTICS

Rotor	
Rotor	Modified MD 902
Hub type	Bearingless
Number of blades	5
Radius, ft	16.925
Blade chord, ft	0.8333
Airfoil	HH-10, $t/c = 12\%$; $r/R < 0.74$ HH-06, $t/c = 9.5\%$; $0.74 < r/R < 0.84$
Tip sweep	Parabolic leading edge, $0.93 < r/R < 1$; 22° at tip
Tip taper	2:1 straight trailing edge
Twist rate	-10
Rotor solidity	0.075
Nominal rotor speed, rpm	392
Nominal tip speed, ft/s	695
Nominal thrust, lbf	5811
Nominal C_T/σ	0.075
Active Flap	
Radial span	$0.74 < r/R < 0.92$
Total chord	0.35c
Hinge location	0.75c
Flap twist axis	1.0 in aft of flap leading edge
Control horn length, ft	0.75
Maximum flap angle	± 3
Flap weight, lbf	1.26

TABLE 2. WEIGHT AND AERODYNAMIC TARES

Tare Type	Parameters	Balance Application	VKTS	RPM	Shaft Angle			Blades
					Min	Max	Delta	
Weight Tare, Hub Only	Shaft angle	Rotor, scale	0	0	-15	10	2.5	off
Rotation Tare	Shaft angle, RPM	Rotor	0	392	-15	10	2.5	off
Aero Tare	Shaft angle, Q	Rotor, scale	20	392	-5	0	2.5	off
Aero Tare	Shaft angle, Q	Rotor, scale	40	392	-5	0	2.5	off
Aero Tare	Shaft angle, Q	Rotor, scale	60	392	-5	10	2.5	off
Aero Tare	Shaft angle, Q	Rotor, scale	120	392	-15	10	2.5	off
Aero Tare	Shaft angle, Q	Rotor, scale	150	392	-15	10	2.5	off
Weight Tare, Hub and Blades	Shaft angle	Rotor, scale	0	0	-15	10	2.5	on
Post Test Aero Tare	Shaft angle = 0, Q	Rotor, scale	0-150	392	0			off

TABLE 3. PARAMETERS AND CONSTRAINTS USED IN DATA SELECTION AND ANALYSIS

Data Set Parameter	Constraint
i) Thrust	Thrust < 100 lb
ii) Airspeed	Airspeed < 10 knots
iii) Flap mean deflection	$\pm 0.3^\circ$
iv) Flap max deflection group 1, amp 0° – 1.3°	$\pm 0.15^\circ$
Flap max deflection group 2, amp 1.3° – 3°	$\pm 0.21^\circ$
Flap min deflection group 1, amp 0° – 1.3°	$\pm 0.15^\circ$
Flap min deflection group 2, amp 1.3° – 3°	$\pm 0.21^\circ$
v) Phase angle, amp > 0.1°	$\pm 0.5^\circ$

TABLE 4. STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle of attack, Boeing data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust force parallel to the rotor shaft, shaft axes system	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over solidity, parallel to the rotor shaft, shaft axes system		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg	deg	nose down at PSI = 0 deg
MU	Rotor advance ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	CCW from top
ROLLRH	Rotor roll moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over solidity		

TABLE 5. DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 164	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque	in-lbf	drag
THRUST	Rotor thrust force parallel to the rotor shaft, shaft axes system	lbf	up
SIDERH	Rotor side force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DRAGRH	Rotor drag force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

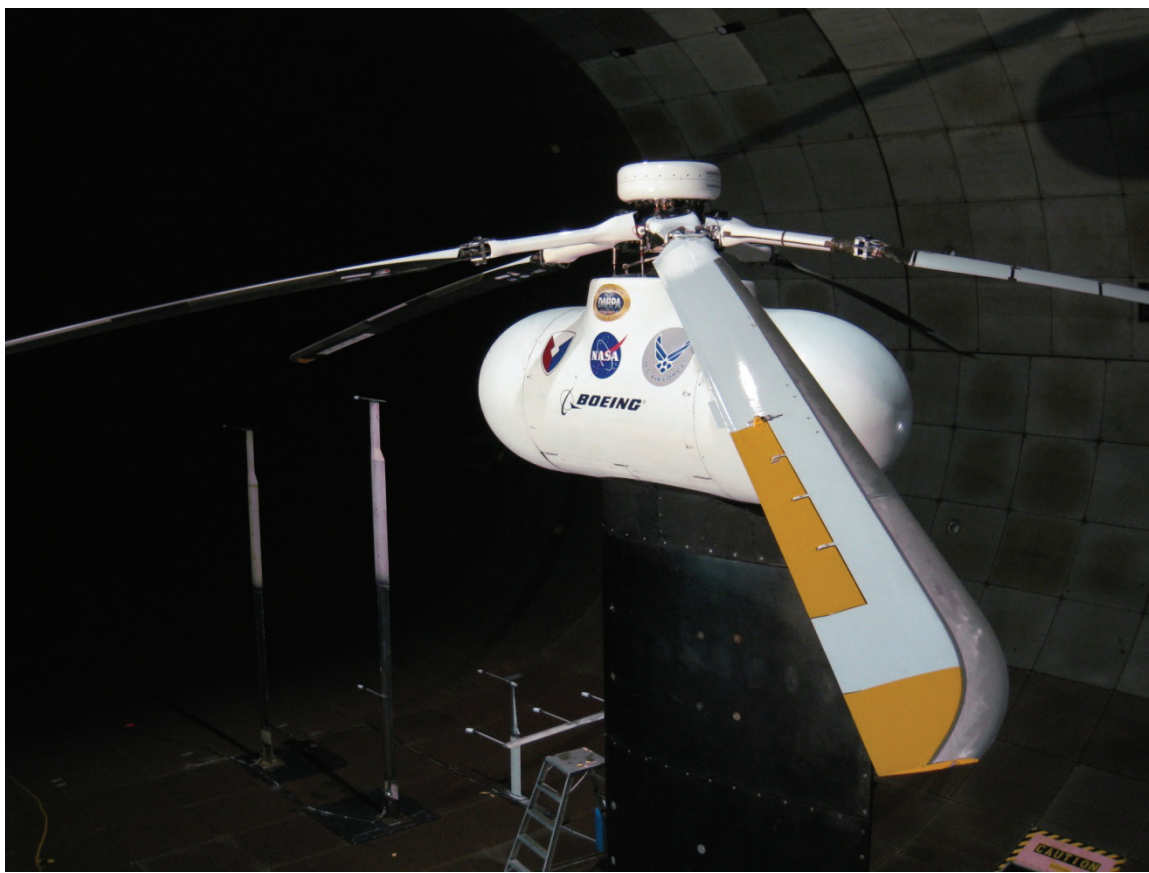


Figure 1. Boeing SMART rotor with active trailing-edge flaps in the NFAC 40- by 80-Foot Wind Tunnel.

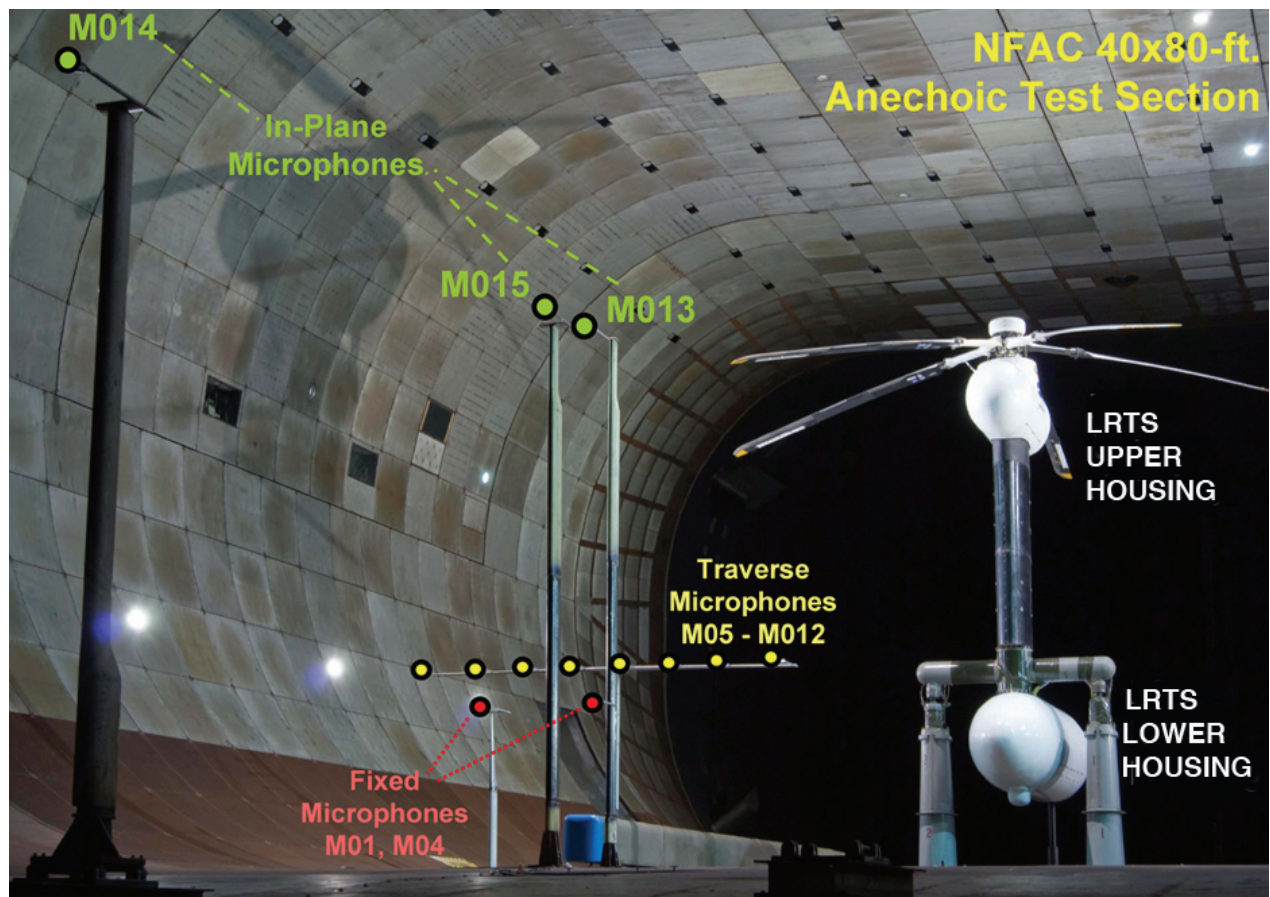


Figure 2. Boeing SMART rotor mounted on the LRTS in the NFAC 40- by 80-Foot Wind Tunnel.

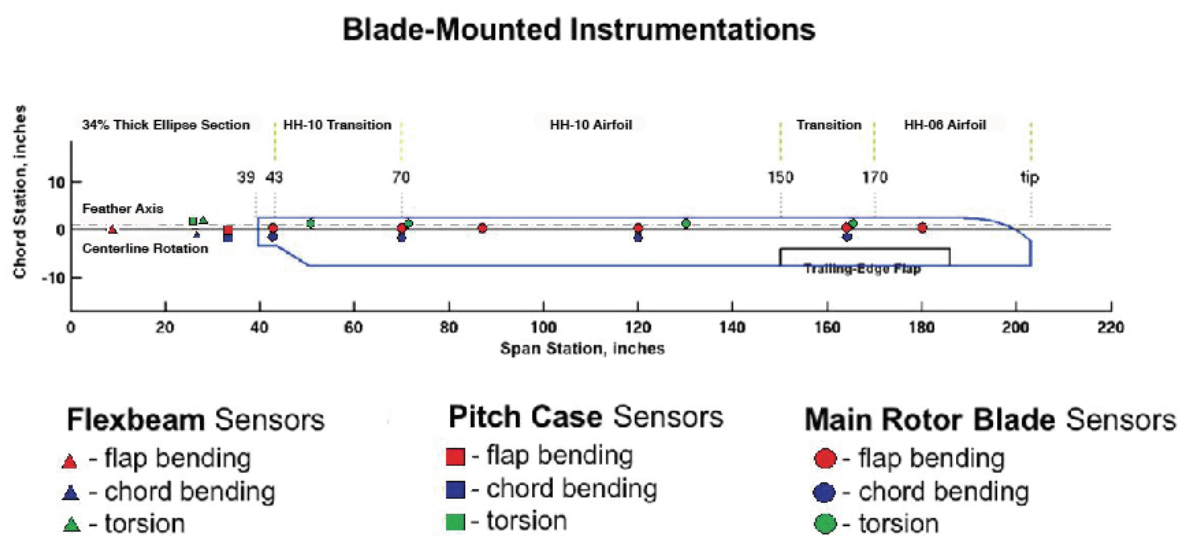


Figure 3. Blade-mounted Instrumentation.

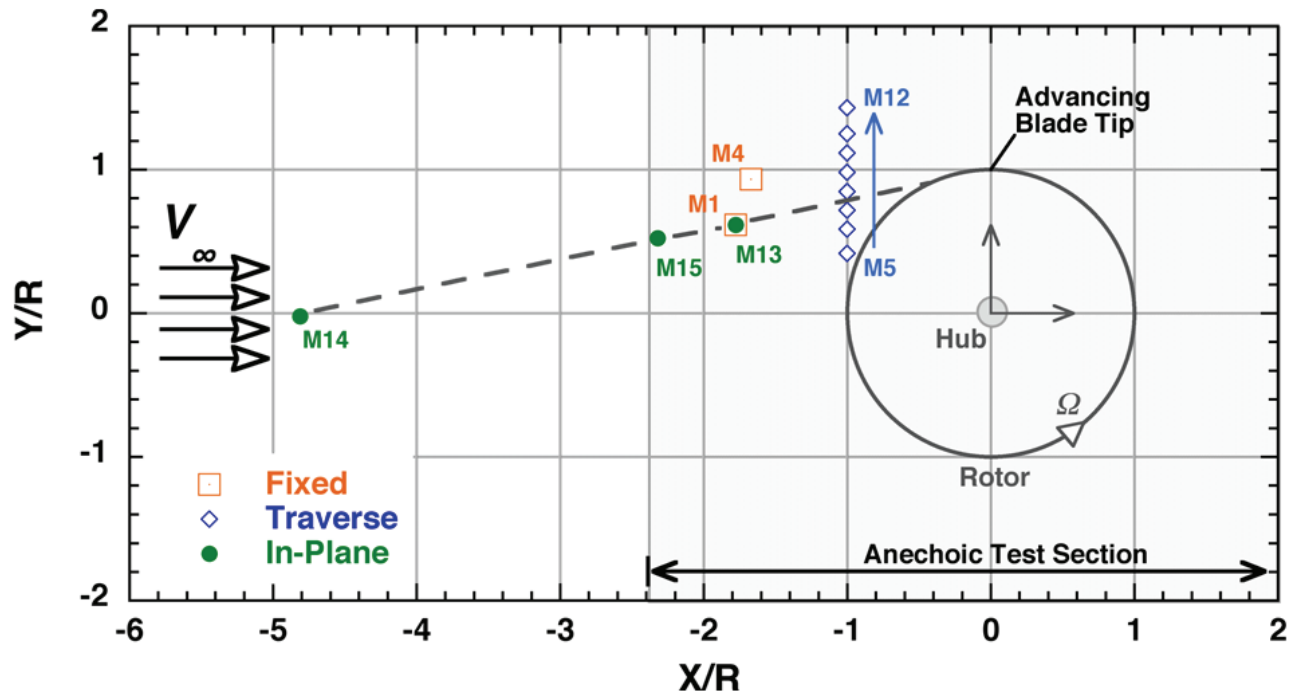


Figure 4. Top view of the test setup of the microphone layout with rotor hub at $\alpha_{su} = 0$ deg.

APPENDIX A—SPECIFIC TEST SUMMARIES

This appendix briefly describes the specific tests: Rotor Smoothing, Performance, Vibration Reduction, and Control Power. The “Static” and “Dynamic” *parameters* and their *descriptions* (including units and positive directions) are common to all data appendices. These are given below for reference; Appendices B and C contain the actual Trim Static and Trim Dynamic data. Appendices B through K are included in the data DVD.

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle of attack, Boeing data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust force parallel to the rotor shaft, shaft axes system	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over solidity, parallel to the rotor shaft, shaft axes system		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg	deg	nose down at PSI = 0 deg
MU	Rotor advance ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	CCW from top
ROLLRH	Rotor roll moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over solidity		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 164	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque	in-lbf	drag
THRUST	Rotor thrust force parallel to the rotor shaft, shaft axes system	lbf	up
SIDERH	Rotor side force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DRAGRH	Rotor drag force obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

Rotor Smoothing (Appendices D & E)

Initial rotor tracking was accomplished by adjusting pitch links. No trim tab adjustments were used for tracking. The blades were tracked within ± 0.25 in. during hover and checked during forward flight runs. Rotor smoothing using an active trailing-edge flap is achieved by making steady-state inputs to individual flaps. Blades #1 or #2 were selected for the steady state inputs. Using the position control, the flaps were stepped up by 1-deg increments from -3 deg to 3 deg. The effectiveness of this technique was measured using the mean thrust and 1/rev roll and pitch moments resulting from the rotational lift. All test conditions for rotor smoothing are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices D and E contain rotor smoothing data that *were* subjected to the control criteria.

Rotor Smoothing	Condition	Velocity (knots)	Advance Ratio, μ	Tip Mach Number	Shaft Angle Uncorrected α , deg	Blade Loading, C_T/σ	Harmonic Number
	1	0	0	0.623	-10	0.028	0
	2	82	0.2	0.623	2	0.075	0
	3	124	0.3	0.623	-9.1	0.075	0
	4	124	0.3	0.623	-9.1	0.075	0

Performance (Appendices F & G)

SMART rotor performance data was obtained for several values of advance ratio, rotor shaft angle, and thrust. Rotor performance, defined here as rotor L/D, was studied by varying the 2P flap input from 0 – 1.5 deg at $\mu = 0.3$. The rotor performance data were obtained with the rotor trimmed for minimum 1P flapping. Two methods of achieving this were investigated: (1) setting flap actuator voltage to zero, and (2) commanding the flap deflection to zero. Both open loop and closed loop feedback control, using a continuous time higher harmonic controller (CTHHC) (ref. 11) were used to drive flap actuation. All test conditions for the performance study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices F and G contain performance data that *were* subjected to the control criteria.

Performance	Condition	Velocity (knots)	Advance Ratio, μ	Tip Mach Number	Shaft Angle Uncorrected α , deg	Blade Loading, C_T/σ	Harmonic Number
	1	82	0.2	0.623	2	0.075	n/a
	2	124	0.3	0.623	-9.1	0.075	n/a
	3	124	0.3	0.623	-9.1	0.075	2
	4	124	0.3	0.623	-9.1	0.090	2

Vibration Reduction (Appendices H & I)

Vibration reduction with closed loop feedback of vibratory hub loads was demonstrated using a CTHHC (ref. 11). Numerous active flap frequency sweeps were conducted to obtain data required for the flight controls objective and for determining the parameters for the closed loop CTHHC vibration controllers. Open loop flap 4P, 5P, and 6P inputs with phase sweeps were used to establish the effectiveness of the flap in reducing vibratory hub loads. The flaps were driven using open loop voltage commands without position feedback control. The effectiveness of the active flap to modify the aerodynamic loading and reduce vibratory hub loads was evaluated at two flight conditions, descent ($\mu = 0.2$, $\alpha = 2$ deg) and level flight ($\mu = 0.3$, $\alpha = -9.1$ deg). All test conditions for vibration reduction are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices H and I contain vibration reduction data that *were* subjected to the control criteria.

Vibration Reduction	Condition	Velocity (knots)	Advance ratio, μ	Tip Mach Number	Shaft Angle Uncorrected α , deg	Blade Loading, C_T/σ	Harmonic Number
	1	82	0.2	0.623	2	0.075	2,3,4,5,6
	2	82	0.2	0.623	2	0.075	closed loop
	3	124	0.3	0.623	-9.1	0.075	2,3,4,5,6
	4	124	0.3	0.623	-9.1	0.075	closed loop

Control Power (Appendices J & K)

Control power from the active flaps was evaluated by applying equivalent steady-state collective, lateral, or longitudinal cyclic flap deflections and observing the resulting changes in normal force, roll, and pitch moment. Flaps were controlled either by individual blade control (IBC), specifying harmonic and phase, or through software implementation of a virtual swashplate (VSP), using amplitude and collective, longitudinal, and lateral cyclic commands. Flap deflections were generated from -3 to 3 deg using the VSP software for flap inputs on each blade, or by applying steady offset for collective 1P/90 deg for roll and 1P/180 deg for pitch inputs (IBC). Results for position control flap inputs, both VSP and IBC, and comparable swashplate inputs were obtained at $\mu = 0.2$ for level flight and descent, and for level flight at $\mu = 0.3$. All test conditions for the control power study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices J and K contain control power data that *were* subjected to the control criteria.

Control Power	Condition	Velocity (knots)	Advance Ratio, μ	Tip Mach Number	Shaft Angle Uncorrected α , deg	Blade Loading, C_T/σ	Harmonic Number
	1	82	0.2	0.623	-5.5	0.075	0,1
	2	82	0.2	0.623	2	0.075	0,1
	3	124	0.3	0.623	-9.1	0.075	0,1

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Appendix B- Trim Static Data

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft^3	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5954	0.077044	0.623	0.717	3075	12461	30186	-165	-226
18	5	3.97	-2.32	1.55	-----	-----	Zero	12.86	1119	0.001923
	189	0.093	0.150	698	394	2112	0.002351	521	3.75382E-07	
52	62	5879	0.076078	0.623	0.717	2516	12336	30707	-167	-228
19	5	3.97	-2.32	1.55	-----	-----	Zero	12.90	1119	0.001957
	192	0.093	0.150	698	394	2112	0.002351	521	3.75392E-07	
52	62	5969	0.077243	0.623	0.717	2826	11939	30137	-166	-228
20	5	3.97	-2.32	1.55	-----	-----	Zero	12.91	1119	0.001920
	188	0.093	0.150	698	394	2112	0.002351	521	3.75380E-07	
52	62	5888	0.076200	0.623	0.717	2620	10649	30906	-165	-237
21	5	3.97	-2.32	1.55	-----	-----	Zero	12.88	1119	0.001969
	193	0.093	0.150	698	394	2112	0.002351	521	3.75356E-07	
52	62	5745	0.074356	0.623	0.717	1136	10557	30422	-171	-245
22	5	3.86	-2.41	1.66	-----	-----	Zero	12.91	1119	0.001939
	190	0.093	0.150	698	394	2112	0.002351	521	3.75372E-07	
52	62	5810	0.075192	0.623	0.717	1197	10080	30383	-173	-247
23	5	3.90	-2.41	1.67	-----	-----	Zero	12.89	1119	0.001936
	190	0.093	0.150	698	394	2112	0.002352	521	3.75336E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5768	0.074671	0.623	0.717	972	10286	30707	-172	-245
24	5	3.90	-2.41	1.67	-----	-----	Zero	12.92	1119	0.001957
	192	0.094	0.150	698	394	2112	0.002351	521	3.75334E-07	
52	62	5753	0.074497	0.623	0.717	831	9306	30950	-171	-253
25	5	3.90	-2.41	1.67	-----	-----	Zero	12.96	1119	0.001973
	193	0.094	0.151	697	394	2112	0.002351	521	3.75339E-07	
52	62	5778	0.074769	0.623	0.717	995	10465	30582	-170	-243
26	5	3.90	-2.41	1.67	-----	-----	Zero	12.97	1119	0.001948
	191	0.094	0.151	698	394	2112	0.002352	521	3.75316E-07	
52	62	5844	0.075646	0.623	0.717	992	9722	30286	-170	-247
27	5	3.90	-2.42	1.67	-----	-----	Zero	12.91	1119	0.001930
	189	0.093	0.150	698	394	2112	0.002352	521	3.75291E-07	
52	62	5830	0.075455	0.623	0.717	1090	10196	30308	-169	-244
28	5	3.90	-2.42	1.67	-----	-----	Zero	12.92	1119	0.001931
	189	0.093	0.150	698	394	2112	0.002352	521	3.75296E-07	
52	62	5832	0.075496	0.623	0.717	860	9544	30437	-171	-247
29	5	3.90	-2.42	1.67	-----	-----	Zero	12.97	1119	0.001940
	190	0.094	0.151	697	394	2112	0.002352	521	3.75251E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5767	0.074646	0.623	0.717	1000	10437	30740	-167	-241
30	5	3.90	-2.42	1.67	-----	-----	Zero	12.93	1119	0.001959
	192	0.094	0.150	697	394	2112	0.002352	521	3.75263E-07	
52	62	5756	0.074500	0.623	0.717	758	9102	31054	-169	-251
31	5	3.90	-2.42	1.67	-----	-----	Zero	12.93	1119	0.001979
	194	0.094	0.150	697	394	2112	0.002353	521	3.75199E-07	
52	62	5785	0.074912	0.623	0.717	826	10230	30587	-168	-241
32	5	3.90	-2.42	1.66	-----	-----	Zero	12.97	1119	0.001950
	191	0.094	0.151	697	393	2112	0.002352	521	3.75246E-07	
52	62	5857	0.075820	0.623	0.717	850	10403	30115	-162	-238
33	5	3.90	-2.42	1.66	-----	-----	Zero	12.93	1119	0.001920
	188	0.094	0.150	697	393	2112	0.002353	521	3.7518E-07	
52	62	5745	0.074346	0.623	0.717	513	8763	31126	-166	-254
34	5	3.90	-2.42	1.66	-----	-----	Zero	12.95	1119	0.001983
	194	0.094	0.150	697	393	2112	0.002353	521	3.75144E-07	
52	62	5814	0.075245	0.623	0.717	611	9890	30491	-168	-244
35	5	3.90	-2.42	1.66	-----	-----	Zero	12.97	1119	0.001943
	190	0.094	0.151	697	393	2112	0.002353	521	3.75148E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5781	0.074859	0.623	0.717	696	9687	30689	-165	-244
36	5	3.90	-2.42	1.66	-----	-----	Zero	12.91	1119	0.001957
	192	0.093	0.150	697	393	2112	0.002353	521	3.75136E-07	
52	62	5788	0.074951	0.623	0.717	651	10398	30524	-166	-239
37	5	3.90	-2.42	1.66	-----	-----	Zero	12.95	1119	0.001946
	191	0.094	0.150	697	393	2112	0.002353	521	3.75124E-07	
52	62	5734	0.074288	0.623	0.717	509	10976	30808	-164	-235
38	5	3.90	-2.42	1.66	-----	-----	Zero	12.94	1119	0.001965
	192	0.094	0.150	697	393	2112	0.002353	521	3.75155E-07	
52	62	5771	0.074798	0.623	0.716	439	9536	30698	-161	-238
41	5	3.90112	-2.42592	1.65084	-----	-----	Zero	12.91	1119	0.001959
	192	0.093	0.150	697	393	2112	0.002352	521	3.75278E-07	
52	62	5795	0.075023	0.623	0.716	134	9608	30591	-158	-227
68	5	3.89	-2.43	1.63	-----	-----	Zero	12.91	1121	0.001950
	191	0.093	0.150	698	394	2112	0.002346	523	3.76173E-07	
52	62	5792	0.075022	0.623	0.716	96	10924	30406	-155	-213
97	5	3.90	-2.43	1.63	-----	-----	Zero	12.90	1122	0.001939
	190	0.093	0.150	699	394	2112	0.002343	523	3.76486E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5769	0.074739	0.623	0.716	-156	10149	30691	-155	-219
105	5	3.89	-2.43	1.63	-----	-----	Zero	12.91	1122	0.001958
	192	0.093	0.150	699	394	2112	0.002341	524	3.7678E-07	
52	62	5788	0.075009	0.623	0.716	-148	9543	30617	-154	-220
124	5	3.89	-2.43	1.62	-----	-----	Zero	12.90	1123	0.001954
	192	0.093	0.150	699	395	2112	0.002337	525	3.77268E-07	
52	62	5849	0.075865	0.623	0.716	251	10123	31129	-152	-215
125	5	3.98	-2.43	1.62	-----	-----	Zero	12.92	1123	0.001988
	195	0.093	0.150	699	394	2111	0.002337	525	3.77293E-07	
52	62	5874	0.076197	0.622	0.716	406	11037	30764	-152	-208
126	5	3.98	-2.43	1.62	-----	-----	Zero	12.87	1123	0.001965
	193	0.093	0.150	699	394	2112	0.002337	525	3.77307E-07	
52	62	5940	0.077022	0.623	0.716	602	10275	30428	-152	-212
127	5	3.98	-2.43	1.62	-----	-----	Zero	12.91	1123	0.001943
	191	0.093	0.150	699	395	2112	0.002337	525	3.77305E-07	
52	62	5887	0.076347	0.623	0.716	352	9854	30899	-153	-215
128	5	3.98	-2.43	1.62	-----	-----	Zero	12.87	1123	0.001973
	194	0.093	0.150	699	395	2111	0.002337	525	3.77308E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5868	0.076115	0.622	0.716	229	9458	31045	-153	-218
129	5	3.98	-2.43	1.62	-----	-----	Zero	12.88	1123	0.001983
	194	0.093	0.150	699	394	2111	0.002336	525	3.77343E-07	
52	62	5794	0.075166	0.622	0.716	-6	9652	31608	-152	-217
130	5	3.98	-2.43	1.62	-----	-----	Zero	12.88	1123	0.002019
	198	0.093	0.150	699	394	2112	0.002336	525	3.77367E-07	
52	62	5931	0.076950	0.622	0.716	365	9792	30573	-154	-215
131	5	3.98	-2.43	1.62	-----	-----	Zero	12.92	1123	0.001953
	191	0.094	0.150	699	394	2112	0.002336	525	3.77362E-07	
52	63	5860	0.076040	0.622	0.716	68	10334	31011	-154	-211
132	5	3.98	-2.43	1.62	-----	-----	Zero	13.00	1123	0.001981
	194	0.094	0.151	699	394	2112	0.002336	525	3.77401E-07	
52	62	5886	0.076373	0.622	0.716	482	11385	30561	-152	-205
133	5	3.98	-2.43	1.62	-----	-----	Zero	12.92	1123	0.001952
	191	0.093	0.150	699	394	2112	0.002336	525	3.77402E-07	
52	62	5986	0.077671	0.622	0.716	688	11654	29837	-154	-201
134	5	3.98	-2.43	1.62	-----	-----	Zero	12.90	1123	0.001906
	187	0.093	0.150	699	394	2112	0.002336	525	3.77427E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5830	0.075688	0.622	0.716	79	9250	31363	-154	-219
135	5	3.98	-2.43	1.62	-----	-----	Zero	12.88	1123	0.002005
	196	0.093	0.150	699	394	2112	0.002336	525	3.77453E-07	
52	62	5931	0.077000	0.622	0.716	495	10483	30398	-154	-208
136	5	3.99	-2.43	1.62	-----	-----	Zero	12.92	1124	0.001943
	190	0.093	0.150	699	394	2112	0.002335	525	3.77529E-07	
58	62	5898	0.076365	0.622	0.715	1843	9926	30270	-174	-251
18	5	3.95	-2.37	1.56	-----	-----	Zero	12.72	1119	0.001930
	189	0.093	0.149	697	393	2117	0.002356	521	3.75393E-07	
58	62	5882	0.076178	0.622	0.715	1862	9861	31323	-167	-258
24	5	4.05	-2.38	1.76	-----	-----	Zero	12.67	1121	0.001997
	196	0.092	0.149	698	394	2117	0.002351	523	3.75992E-07	
64	62	5818	0.075641	0.623	0.716	1333	11556	29567	-179	-220
18	5	3.96	-2.41	1.48	-----	-----	Zero	12.74	1131	0.001893
	187	0.093	0.150	705	398	2107	0.002294	532	3.81319E-07	
52	62	5819	0.075386	0.623	0.717	655	10188	30332	-163	-236
39	5	3.90	-2.42	1.65	0.02	0	Non-zero mean	12.95	1119	0.001935
	189	0.094	0.151	697	393	2112	0.002352	521	3.75187E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5779	0.074901	0.623	0.716	1622	8996	30629	-147	-227
83	5	3.90	-2.43	1.63	1.48	88	2	12.96	1121	0.001955
	192	0.094	0.151	698	394	2112	0.002345	523	3.76288E-07	
52	62	5788	0.075023	0.623	0.716	1265	8479	30813	-149	-230
84	5	3.90	-2.43	1.63	1.48	58	2	12.94	1121	0.001966
	193	0.094	0.150	698	394	2112	0.002345	523	3.76292E-07	
52	62	5841	0.075695	0.623	0.716	786	9474	30509	-152	-220
85	5	3.90	-2.43	1.63	1.49	28	2	12.95	1121	0.001947
	191	0.094	0.151	698	394	2112	0.002345	523	3.76289E-07	
52	62	5840	0.075704	0.623	0.716	191	11380	30419	-155	-207
86	5	3.90	-2.43	1.63	1.49	-2	2	12.88	1121	0.001941
	190	0.093	0.150	698	394	2112	0.002345	523	3.76315E-07	
52	62	5877	0.076147	0.623	0.716	1142	12193	29816	-150	-200
87	5	3.90	-2.43	1.63	1.48	29	2	12.94	1121	0.001902
	187	0.094	0.150	698	394	2112	0.002345	523	3.76318E-07	
52	62	5806	0.075271	0.623	0.716	-728	11344	30646	-161	-208
88	5	3.90	-2.43	1.63	1.48	-32	2	12.92	1121	0.001956
	192	0.093	0.150	698	394	2112	0.002345	523	3.76294E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5861	0.075990	0.623	0.716	-1474	10532	30495	-166	-213
89	5	3.90	-2.43	1.63	1.48	-62	2	12.99	1121	0.001947
	191	0.094	0.151	698	394	2112	0.002344	523	3.76349E-07	
52	62	5843	0.075762	0.623	0.716	-1471	10888	30418	-167	-213
90	5	3.90	-2.43	1.63	1.48	-92	2	12.94	1121	0.001942
	190	0.094	0.151	698	394	2112	0.002344	523	3.76321E-07	
52	62	5792	0.075113	0.623	0.716	-1524	8997	30893	-166	-228
91	5	3.90	-2.43	1.63	1.48	-122	2	12.97	1121	0.001973
	193	0.094	0.151	698	394	2112	0.002344	523	3.76386E-07	
52	62	5776	0.074882	0.623	0.716	-898	8488	30895	-162	-234
92	5	3.89	-2.43	1.63	1.48	-152	2	12.91	1121	0.001972
	193	0.093	0.150	698	394	2112	0.002344	523	3.7637E-07	
52	62	5721	0.074198	0.623	0.716	-183	8924	30960	-156	-232
93	5	3.89	-2.43	1.63	1.48	178	2	12.91	1122	0.001977
	194	0.093	0.150	698	394	2112	0.002343	523	3.76465E-07	
52	62	5684	0.073703	0.623	0.716	517	8332	31206	-150	-234
94	5	3.89	-2.43	1.63	1.48	149	2	12.95	1121	0.001992
	195	0.094	0.151	698	394	2112	0.002344	523	3.76387E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5682	0.073691	0.623	0.716	1328	9263	31017	-146	-226
95	5	3.89	-2.43	1.63	1.48	119	2	12.94	1121	0.001981
	194	0.094	0.151	698	394	2112	0.002343	523	3.76459E-07	
52	62	5700	0.073857	0.623	0.716	1481	9510	31138	-145	-223
96	5	3.90	-2.43	1.63	1.48	89	2	12.90	1121	0.001987
	195	0.093	0.150	699	394	2112	0.002343	523	3.76425E-07	
52	62	5865	0.075977	0.623	0.716	-1315	10572	30340	-165	-214
98	5	3.90	-2.43	1.63	1.48	-91	2	12.90	1122	0.001935
	190	0.093	0.150	699	394	2112	0.002343	523	3.76516E-07	
52	62	5810	0.075288	0.623	0.716	744	10623	30419	-159	-233
40	5	3.90	-2.42	1.65	1.48	88	3	12.88	1119	0.001941
	190	0.093	0.150	697	393	2112	0.002352	521	3.75209E-07	
52	62	5818	0.075420	0.623	0.716	599	10178	30452	-160	-232
42	5	3.90	-2.43	1.65	1.48	87	3	12.95	1119	0.001944
	190	0.094	0.151	697	393	2112	0.002352	521	3.75279E-07	
52	62	5801	0.075190	0.623	0.716	100	10586	30642	-162	-229
43	5	3.90	-2.43	1.65	1.48	58	3	12.93	1119	0.001955
	191	0.094	0.150	697	393	2112	0.002352	521	3.75298E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5840	0.075714	0.623	0.717	-176	9905	30539	-167	-230
45	5	3.90	-2.43	1.65	1.48	-3	3	13.02	1119	0.001950
	191	0.094	0.151	697	393	2112	0.002351	521	3.75403E-07	
52	62	5852	0.075885	0.623	0.716	-67	10759	30281	-167	-226
46	5	3.90	-2.43	1.65	1.48	-33	3	12.96	1120	0.001933
	189	0.094	0.151	697	393	2112	0.002351	522	3.75433E-07	
52	62	5860	0.075849	0.623	0.717	368	10865	30228	-165	-225
47	5	3.90	-2.43	1.65	1.48	-62	3	12.90	1120	0.001927
	189	0.093	0.150	698	394	2112	0.002351	522	3.75456E-07	
52	62	5846	0.075697	0.623	0.717	682	9667	30460	-163	-233
49	5	3.90	-2.43	1.65	1.48	-123	3	12.91	1120	0.001942
	190	0.093	0.150	698	394	2112	0.002350	522	3.75551E-07	
52	62	5876	0.076051	0.623	0.717	1237	9552	30122	-160	-234
50	5	3.90	-2.43	1.65	1.48	-153	3	12.94	1120	0.001920
	188	0.094	0.150	698	394	2112	0.002350	522	3.75588E-07	
52	62	5808	0.075240	0.623	0.716	1024	9315	30640	-159	-237
51	5	3.90	-2.43	1.65	1.48	177	3	12.93	1120	0.001954
	191	0.094	0.150	698	394	2112	0.002350	522	3.75608E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5827	0.075500	0.623	0.716	1016	10204	30265	-153	-228
52	5	3.90	-2.43	1.65	1.48	147	3	12.92	1120	0.001931
	189	0.093	0.150	698	394	2112	0.002349	522	3.7567E-07	
52	62	5750	0.074533	0.623	0.716	579	10558	30777	-152	-225
53	5	3.90	-2.43	1.64	1.48	117	3	12.91	1121	0.001964
	192	0.093	0.150	698	394	2112	0.002346	523	3.7612E-07	
52	62	5846	0.075781	0.623	0.716	754	11624	29974	-154	-216
54	5	3.90	-2.43	1.64	1.48	88	3	12.89	1121	0.001913
	187	0.093	0.150	698	394	2112	0.002346	523	3.76098E-07	
52	62	5819	0.075454	0.623	0.716	-20	9738	30496	-158	-218
99	5	3.90	-2.43	1.63	1.48	-93	3	12.92	1122	0.001947
	191	0.093	0.150	698	394	2112	0.002342	524	3.76571E-07	
52	62	5842	0.075642	0.623	0.717	-229	10789	30307	-159	-213
101	5	3.89	-2.43	1.63	1.48	-62	3	12.93	1122	0.001932
	190	0.094	0.150	699	394	2112	0.002342	524	3.76655E-07	
52	62	5856	0.075878	0.623	0.716	-351	10167	30334	-159	-217
104	5	3.89	-2.44	1.63	1.48	142	3	12.92	1122	0.001935
	190	0.093	0.150	699	394	2112	0.002341	524	3.76751E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5824	0.075494	0.623	0.716	165	10550	30284	-157	-220
55	5	3.89	-2.43	1.65	1.48	87	4	12.89	1121	0.001933
	189	0.093	0.150	698	394	2112	0.002346	523	3.76137E-07	
52	62	5809	0.075318	0.623	0.716	68	9183	30679	-158	-228
56	5	3.89	-2.43	1.65	1.48	56	4	12.88	1121	0.001958
	192	0.093	0.150	698	394	2112	0.002346	523	3.76138E-07	
52	62	5755	0.074599	0.623	0.716	-287	9961	30987	-160	-222
57	5	3.89	-2.43	1.65	1.48	27	4	12.91	1121	0.001978
	194	0.093	0.150	698	394	2112	0.002346	523	3.76136E-07	
52	62	5767	0.074785	0.623	0.716	4	10334	30832	-159	-219
58	5	3.89	-2.43	1.64	1.48	-3	4	12.93	1121	0.001969
	193	0.094	0.150	698	394	2112	0.002346	523	3.76176E-07	
52	62	5779	0.074924	0.623	0.716	61	10097	30856	-158	-222
60	5	3.89	-2.43	1.64	1.49	-63	4	12.95	1121	0.001970
	193	0.094	0.151	698	394	2112	0.002346	523	3.76167E-07	
52	62	5733	0.074333	0.623	0.716	-131	8299	31425	-157	-236
61	5	3.89	-2.43	1.64	1.48	-93	4	12.98	1121	0.002006
	196	0.094	0.151	698	394	2112	0.002346	523	3.76125E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5770	0.074791	0.623	0.716	76	8369	31118	-154	-235
62	5	3.89	-2.43	1.65	1.48	-123	4	12.98	1121	0.001986
	195	0.094	0.151	698	394	2112	0.002346	523	3.76155E-07	
52	62	5781	0.074937	0.623	0.716	150	8582	30879	-154	-232
63	5	3.89	-2.43	1.65	1.48	-153	4	12.93	1121	0.001971
	193	0.094	0.150	698	394	2112	0.002346	523	3.76146E-07	
52	62	5804	0.075161	0.623	0.716	303	9239	30845	-153	-229
64	5	3.89	-2.43	1.65	1.48	177	4	12.90	1121	0.001967
	193	0.093	0.150	698	394	2112	0.002346	523	3.76196E-07	
52	62	5788	0.074934	0.623	0.717	106	9642	30893	-156	-225
65	5	3.89	-2.43	1.64	1.48	147	4	12.98	1121	0.001969
	193	0.094	0.151	698	394	2112	0.002346	523	3.76198E-07	
52	62	5881	0.076159	0.623	0.717	377	10196	29986	-156	-221
66	5	3.89	-2.43	1.64	1.48	117	4	12.96	1121	0.001912
	188	0.094	0.151	698	394	2112	0.002346	523	3.76223E-07	
52	62	5813	0.075273	0.623	0.716	202	11429	30250	-155	-213
67	5	3.89	-2.43	1.65	1.48	86	4	12.93	1121	0.001929
	189	0.094	0.150	698	394	2112	0.002346	523	3.76231E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5835	0.075561	0.623	0.716	-149	10157	30344	-157	-212
100	5	3.89	-2.43	1.64	1.48	27	4	12.90	1122	0.001935
	190	0.093	0.150	699	394	2112	0.002342	524	3.76603E-07	
52	62	5801	0.075145	0.623	0.716	-312	9655	30635	-157	-217
102	5	3.89	-2.44	1.64	1.48	56	4	12.88	1122	0.001954
	192	0.093	0.150	699	394	2112	0.002341	524	3.76685E-07	
52	62	5787	0.075005	0.623	0.716	-357	10103	30513	-154	-207
106	5	3.89	-2.41	1.65	1.98	57	4	12.87	1122	0.001947
	191	0.093	0.150	699	394	2112	0.002340	524	3.76837E-07	
52	62	5807	0.075256	0.623	0.716	-54	10091	30342	-154	-216
107	5	3.89	-2.43	1.63	0.99	56	4	12.91	1122	0.001936
	190	0.093	0.150	699	394	2112	0.002340	524	3.76828E-07	
52	62	5858	0.075945	0.623	0.716	16	10243	29978	-155	-212
108	5	3.89	-2.43	1.64	1.48	57	4	12.83	1122	0.001914
	188	0.093	0.150	699	394	2112	0.002340	524	3.76894E-07	
52	62	5811	0.075297	0.623	0.716	-141	10622	30269	-155	-211
109	5	3.89	-2.43	1.64	1.48	57	4	12.91	1122	0.001931
	190	0.093	0.150	699	394	2112	0.002340	524	3.76861E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5792	0.075082	0.623	0.716	-27	11131	30252	-154	-207
110	5	3.89	-2.43	1.64	1.48	57	4	12.88	1122	0.001931
	189	0.093	0.150	699	394	2112	0.002340	524	3.7688E-07	
52	62	5809	0.075276	0.623	0.716	-290	9197	30527	-156	-219
111	5	3.89	-2.43	1.63	1.48	56	4	12.89	1122	0.001948
	191	0.093	0.150	699	394	2112	0.002340	524	3.76851E-07	
52	62	5804	0.075212	0.623	0.716	-307	10125	30397	-156	-213
112	5	3.89	-2.43	1.63	1.48	57	4	12.86	1122	0.001940
	190	0.093	0.150	699	394	2112	0.002340	524	3.76866E-07	
52	62	5773	0.074846	0.623	0.716	-348	10876	30528	-155	-209
113	5	3.89	-2.43	1.63	1.49	57	4	12.90	1122	0.001949
	191	0.093	0.150	699	394	2112	0.002340	524	3.76928E-07	
52	62	5842	0.075731	0.623	0.716	136	10605	30084	-153	-210
114	5	3.89	-2.43	1.63	1.48	57	4	12.85	1122	0.001920
	188	0.093	0.150	699	394	2112	0.002340	524	3.76918E-07	
52	62	5836	0.075688	0.623	0.716	-118	10748	30006	-155	-208
115	5	3.89	-2.43	1.63	1.48	56	4	12.91	1122	0.001916
	188	0.093	0.150	699	394	2112	0.002339	524	3.76974E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5789	0.075081	0.623	0.716	-336	10065	30490	-155	-213
116	5	3.89	-2.43	1.63	1.48	57	4	12.91	1123	0.001947
	191	0.093	0.150	699	394	2112	0.002339	524	3.77021E-07	
52	62	5767	0.074785	0.623	0.716	-492	10352	30570	-156	-211
117	5	3.89	-2.43	1.63	1.48	57	4	12.96	1123	0.001952
	191	0.094	0.151	699	394	2112	0.002339	524	3.76987E-07	
52	62	5768	0.074816	0.622	0.716	-430	9952	30679	-155	-214
118	5	3.89	-2.43	1.63	1.48	57	4	12.96	1123	0.001959
	192	0.094	0.151	699	394	2112	0.002339	524	3.7704E-07	
52	62	5784	0.074901	0.623	0.716	-201	11287	30458	-153	-207
119	5	3.89	-2.43	1.63	1.48	56	4	12.83	1123	0.001942
	191	0.093	0.150	699	395	2112	0.002338	524	3.77079E-07	
52	62	5909	0.076499	0.623	0.717	16	10217	29765	-155	-210
120	5	3.89	-2.43	1.63	1.48	57	4	12.94	1123	0.001897
	186	0.094	0.150	699	395	2112	0.002339	524	3.77053E-07	
52	62	5795	0.075062	0.623	0.717	-266	11127	30343	-155	-205
121	5	3.89	-2.43	1.63	1.48	57	4	12.97	1123	0.001935
	190	0.094	0.151	699	395	2112	0.002338	525	3.77139E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5816	0.075334	0.623	0.716	-233	10616	30332	-154	-209
122	5	3.89	-2.43	1.63	1.48	57	4	12.94	1123	0.001935
	190	0.094	0.150	699	395	2112	0.002338	525	3.77143E-07	
52	62	5840	0.075662	0.623	0.716	-118	10746	30078	-154	-208
123	5	3.89	-2.43	1.63	1.48	57	4	12.91	1123	0.001919
	188	0.093	0.150	699	395	2112	0.002337	525	3.7724E-07	
58	62	5890	0.076173	0.623	0.716	1897	13254	29763	-169	-219
19	5	3.95	-2.36	1.56	1.48	57	4	12.73	1120	0.001895
	186	0.093	0.149	697	393	2117	0.002355	522	3.75534E-07	
52	62	5838	0.075586	0.623	0.717	-133	10101	30468	-158	-220
69	5	3.89	-2.43	1.63	1.49	86	5	12.94	1121	0.001942
	191	0.094	0.150	698	394	2112	0.002346	523	3.76196E-07	
52	62	5816	0.075295	0.623	0.717	-199	9930	30831	-159	-221
70	5	3.90	-2.43	1.63	1.49	56	5	12.96	1121	0.001965
	193	0.094	0.150	698	394	2112	0.002346	523	3.76138E-07	
52	62	5752	0.074448	0.623	0.717	-159	10180	31320	-157	-219
71	5	3.90	-2.43	1.63	1.49	26	5	12.96	1121	0.001996
	196	0.094	0.150	698	394	2112	0.002346	523	3.76194E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5851	0.075775	0.623	0.717	-79	9336	30799	-161	-223
72	5	3.89	-2.43	1.63	1.49	-4	5	12.96	1121	0.001964
	193	0.094	0.151	698	394	2112	0.002346	523	3.76175E-07	
52	62	5760	0.074571	0.623	0.717	-62	9464	31351	-158	-222
74	5	3.89	-2.43	1.64	1.49	-64	5	12.94	1121	0.001999
	196	0.094	0.150	698	394	2112	0.002346	523	3.76128E-07	
52	62	5807	0.075180	0.623	0.717	-277	8060	31130	-161	-232
75	5	3.89	-2.43	1.64	1.49	-95	5	12.97	1121	0.001985
	195	0.094	0.151	698	394	2112	0.002346	523	3.76127E-07	
52	62	5843	0.075656	0.623	0.717	298	8605	30619	-158	-229
76	5	3.89	-2.43	1.64	1.49	-124	5	12.93	1121	0.001952
	192	0.094	0.150	698	394	2112	0.002346	523	3.76109E-07	
52	62	5776	0.074827	0.623	0.717	-44	9864	30932	-158	-220
77	5	3.89	-2.43	1.64	1.49	-94	5	12.99	1121	0.001973
	193	0.094	0.151	698	394	2112	0.002346	523	3.76195E-07	
52	62	5743	0.074412	0.623	0.716	-364	9042	31228	-159	-229
78	5	3.89	-2.44	1.63	1.50	-154	5	12.91	1121	0.001992
	195	0.093	0.150	698	394	2112	0.002346	523	3.76185E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
52	62	5809	0.075241	0.623	0.717	33	10015	30508	-157	-220
79	5	3.89	-2.43	1.63	1.49	176	5	12.97	1121	0.001946
	191	0.094	0.151	698	394	2112	0.002346	523	3.76175E-07	
52	62	5744	0.074434	0.623	0.716	-248	9918	30940	-156	-222
80	5	3.89	-2.43	1.64	1.49	146	5	12.94	1121	0.001974
	193	0.094	0.150	698	394	2112	0.002345	523	3.76236E-07	
52	62	5842	0.075693	0.623	0.716	-2	10917	30119	-157	-213
81	5	3.89	-2.43	1.64	1.49	116	5	12.91	1121	0.001921
	188	0.093	0.150	698	394	2112	0.002345	523	3.76247E-07	
52	62	5711	0.074000	0.623	0.716	-471	9649	31348	-156	-222
82	5	3.89	-2.43	1.63	1.49	86	5	12.94	1121	0.002000
	196	0.094	0.150	698	394	2112	0.002345	523	3.76279E-07	
52	62	5749	0.074467	0.623	0.716	-413	10109	30898	-155	-216
103	5	3.89	-2.44	1.64	1.50	146	5	12.92	1122	0.001971
	193	0.094	0.150	699	394	2112	0.002341	524	3.76689E-07	
58	68	5746	0.075409	0.619	0.720	1436	11232	35353	-162	-221
28	3	4.47	-2.29	2.02	-----	-----	Zero	15.19	1123	0.002285
	220	0.101	0.164	695	392	2115	0.002338	525	3.77172E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5764	0.075689	0.619	0.720	1672	11335	35271	-160	-221
29	3	4.47	-2.29	2.02	-----	-----	Zero	15.21	1123	0.002280
	219	0.101	0.164	695	392	2115	0.002337	525	3.77237E-07	
58	68	5795	0.076088	0.619	0.720	1736	10583	35254	-162	-226
30	3	4.48	-2.29	2.07	-----	-----	Zero	15.27	1123	0.002279
	219	0.102	0.164	695	392	2114	0.002337	525	3.77252E-07	
58	68	5780	0.075889	0.619	0.720	1729	10706	35319	-162	-225
31	3	4.48	-2.29	2.07	-----	-----	Zero	15.19	1123	0.002283
	220	0.101	0.164	695	392	2115	0.002337	525	3.7728E-07	
58	68	5710	0.075018	0.619	0.720	1347	9847	35886	-162	-231
32	3	4.48	-2.29	2.07	-----	-----	Zero	15.25	1123	0.002321
	223	0.102	0.164	695	392	2114	0.002337	525	3.77297E-07	
58	68	5742	0.075406	0.619	0.720	1523	10012	35690	-163	-230
33	3	4.49	-2.29	2.07	-----	-----	Zero	15.19	1123	0.002308
	222	0.101	0.164	695	392	2115	0.002337	525	3.77323E-07	
58	68	5730	0.075268	0.619	0.720	1468	10288	35688	-163	-228
34	3	4.49	-2.29	2.07	-----	-----	Zero	15.22	1123	0.002308
	222	0.101	0.164	695	392	2114	0.002336	525	3.77348E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5774	0.075859	0.619	0.720	1706	11098	35258	-162	-222
35	3	4.49	-2.29	2.07	-----	-----	Zero	15.21	1123	0.002281
	219	0.101	0.164	695	392	2115	0.002336	525	3.7739E-07	
58	67	5730	0.075283	0.619	0.720	1662	10423	35698	-161	-226
36	3	4.49	-2.29	2.07	-----	-----	Zero	15.14	1123	0.002309
	222	0.101	0.164	695	392	2115	0.002336	525	3.77403E-07	
58	68	5637	0.074099	0.618	0.720	1213	10174	36169	-163	-228
37	3	4.49	-2.29	2.07	-----	-----	Zero	15.16	1123	0.002341
	225	0.101	0.164	695	392	2114	0.002336	525	3.77435E-07	
58	67	5722	0.075225	0.618	0.720	1525	10497	35632	-163	-226
38	3	4.49	-2.29	2.07	-----	-----	Zero	15.14	1123	0.002307
	222	0.101	0.164	695	392	2114	0.002336	525	3.77438E-07	
58	68	5754	0.075651	0.618	0.720	1339	9369	35672	-165	-232
39	3	4.49	-2.29	2.07	-----	-----	Zero	15.17	1123	0.002309
	222	0.101	0.164	695	392	2114	0.002335	525	3.77477E-07	
58	68	5727	0.075288	0.618	0.720	1564	10401	35659	-163	-223
40	3	4.49	-2.29	2.07	-----	-----	Zero	15.17	1123	0.002308
	222	0.101	0.164	695	392	2114	0.002335	525	3.775E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5793	0.076171	0.618	0.720	1988	11290	35048	-162	-217
41	3	4.49	-2.29	2.07	-----	-----	Zero	15.19	1124	0.002269
	218	0.101	0.164	695	392	2114	0.002335	525	3.77563E-07	
58	68	5768	0.075883	0.618	0.719	1871	11300	35158	-164	-215
42	3	4.49	-2.29	2.07	-----	-----	Zero	15.20	1124	0.002277
	219	0.101	0.164	695	392	2114	0.002333	526	3.77737E-07	
58	68	5684	0.074781	0.618	0.719	1505	10707	35762	-164	-220
43	3	4.49	-2.29	2.07	-----	-----	Zero	15.17	1124	0.002317
	223	0.101	0.164	695	392	2114	0.002333	526	3.77771E-07	
58	68	5679	0.074741	0.618	0.719	1463	10879	35788	-164	-218
44	3	4.49	-2.29	2.07	-----	-----	Zero	15.16	1124	0.002319
	223	0.101	0.164	695	392	2114	0.002332	526	3.77843E-07	
58	68	5809	0.076635	0.617	0.719	1510	9625	34977	-169	-218
59	3	4.48	-2.30	2.06	-----	-----	Zero	15.24	1125	0.002272
	218	0.101	0.165	695	392	2114	0.002327	527	3.78496E-07	
58	68	5722	0.075349	0.618	0.719	1736	11257	35386	-161	-212
45	3	4.49	-2.29	2.06	1.48	88	3	15.26	1124	0.002294
	220	0.102	0.165	695	392	2114	0.002331	526	3.77953E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5755	0.075792	0.618	0.719	987	11297	35412	-169	-209
46	3	4.48	-2.30	2.06	1.48	-3	3	15.30	1124	0.002296
	220	0.102	0.165	695	392	2114	0.002331	526	3.77991E-07	
58	68	5745	0.075657	0.618	0.719	1074	11443	35550	-169	-208
47	3	4.48	-2.30	2.06	1.48	-33	3	15.25	1125	0.002305
	221	0.102	0.165	695	392	2114	0.002331	526	3.78039E-07	
58	68	5710	0.075228	0.618	0.719	1022	10043	35963	-170	-218
48	3	4.48	-2.30	2.06	1.48	-62	3	15.21	1125	0.002333
	224	0.101	0.164	695	392	2114	0.002330	526	3.78098E-07	
58	68	5733	0.075525	0.618	0.719	1418	11093	35532	-169	-210
49	3	4.48	-2.30	2.06	1.48	-93	3	15.25	1125	0.002305
	221	0.102	0.165	695	392	2114	0.002330	526	3.78142E-07	
58	68	5698	0.075079	0.618	0.720	1372	8880	36016	-169	-225
50	3	4.48	-2.29	2.06	1.48	-123	3	15.33	1125	0.002337
	224	0.102	0.165	695	392	2114	0.002330	526	3.78165E-07	
58	68	5688	0.074962	0.618	0.719	1907	9292	35825	-164	-224
51	3	4.48	-2.29	2.06	1.48	-153	3	15.21	1125	0.002325
	223	0.101	0.164	695	392	2114	0.002329	527	3.78222E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5708	0.075735	0.616	0.717	1282	10179	34957	-170	-202
70	3	4.45	-2.30	2.03	1.48	-93	3	15.16	1129	0.002284
	218	0.101	0.165	695	392	2114	0.002313	530	3.80166E-07	
58	68	5714	0.075876	0.615	0.717	1294	10007	35007	-169	-203
71	3	4.45	-2.30	2.03	1.48	-93	3	15.13	1129	0.002289
	218	0.101	0.165	695	392	2114	0.002313	530	3.80233E-07	
58	68	5669	0.075299	0.615	0.717	1287	10757	35093	-169	-198
72	3	4.45	-2.30	2.03	1.48	-93	3	15.17	1129	0.002295
	218	0.101	0.165	695	392	2114	0.002312	530	3.80291E-07	
58	68	5550	0.073727	0.615	0.717	971	9541	35806	-168	-211
73	3	4.45	-2.30	2.11	1.48	-93	3	15.17	1129	0.002342
	223	0.101	0.165	695	392	2114	0.002312	530	3.8032E-07	
58	68	5642	0.074928	0.615	0.717	1230	9504	35849	-169	-210
74	3	4.48	-2.29	2.11	1.48	-92	3	15.16	1129	0.002344
	223	0.101	0.165	695	392	2114	0.002312	530	3.8036E-07	
58	68	5617	0.074585	0.615	0.717	1107	10239	35845	-169	-205
75	3	4.48	-2.30	2.11	1.48	-92	3	15.19	1129	0.002343
	223	0.101	0.165	695	392	2114	0.002312	530	3.80401E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5699	0.075694	0.615	0.716	1639	9906	35325	-169	-206
76	3	4.48	-2.30	2.11	1.48	-92	3	15.11	1129	0.002310
	220	0.101	0.165	695	392	2114	0.002312	531	3.80435E-07	
58	68	5737	0.076222	0.615	0.716	1376	8683	35376	-171	-213
77	3	4.48	-2.30	2.11	1.48	-93	3	15.14	1129	0.002314
	220	0.101	0.165	695	392	2114	0.002311	531	3.80469E-07	
58	68	5655	0.075137	0.615	0.716	1264	9414	35711	-169	-209
78	3	4.48	-2.30	2.11	1.48	-93	3	15.13	1129	0.002336
	222	0.101	0.165	695	392	2114	0.002311	531	3.80496E-07	
58	68	5658	0.075198	0.615	0.716	1132	8782	35750	-170	-213
79	3	4.48	-2.30	2.11	1.48	-93	3	15.14	1129	0.002340
	222	0.101	0.165	695	392	2114	0.002311	531	3.80532E-07	
58	68	5644	0.075034	0.615	0.716	1179	8243	35892	-170	-217
80	3	4.48	-2.30	2.11	1.48	-92	3	15.11	1129	0.002349
	223	0.101	0.165	695	392	2114	0.002311	531	3.80565E-07	
58	68	5674	0.075442	0.615	0.716	1315	8802	35609	-169	-212
81	3	4.48	-2.30	2.11	1.49	-93	3	15.08	1129	0.002331
	222	0.101	0.165	695	392	2114	0.002310	531	3.80582E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5637	0.074920	0.615	0.716	1521	11647	35332	-165	-195
82	3	4.48	-2.30	2.11	1.48	-93	3	15.14	1129	0.002312
	220	0.101	0.165	695	392	2114	0.002310	531	3.80621E-07	
58	68	5708	0.075902	0.615	0.716	1412	8881	35403	-169	-212
83	3	4.48	-2.30	2.10	1.48	-92	3	15.07	1130	0.002318
	220	0.101	0.164	695	392	2114	0.002309	531	3.80732E-07	
58	68	5678	0.075526	0.615	0.716	1199	8069	35716	-169	-217
84	3	4.48	-2.30	2.10	1.48	-93	3	15.07	1130	0.002339
	222	0.101	0.164	695	392	2114	0.002309	531	3.80782E-07	
58	68	5696	0.075794	0.615	0.716	1628	10505	35102	-167	-200
85	3	4.48	-2.30	2.10	1.48	-92	3	15.10	1130	0.002300
	218	0.101	0.165	695	392	2114	0.002309	531	3.80827E-07	
58	68	5711	0.075271	0.618	0.719	1439	10424	35623	-165	-211
52	3	4.48	-2.29	2.08	1.49	86	4	15.26	1125	0.002312
	222	0.102	0.165	695	392	2114	0.002329	527	3.78254E-07	
58	68	5712	0.075273	0.618	0.719	1462	11852	35386	-165	-201
53	3	4.48	-2.29	2.08	1.49	57	4	15.23	1125	0.002296
	220	0.101	0.165	695	392	2114	0.002329	527	3.78297E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5694	0.075056	0.618	0.719	1175	11361	35612	-167	-205
54	3	4.48	-2.28	2.08	1.49	27	4	15.21	1125	0.002311
	222	0.101	0.164	695	392	2114	0.002328	527	3.78319E-07	
58	68	5752	0.075823	0.618	0.719	1406	11388	35325	-168	-204
55	3	4.48	-2.28	2.08	1.49	-3	4	15.26	1125	0.002293
	220	0.102	0.165	695	392	2114	0.002328	527	3.78338E-07	
58	68	5723	0.075470	0.617	0.719	1091	10516	35603	-169	-210
56	3	4.48	-2.29	2.07	1.48	-33	4	15.23	1125	0.002312
	222	0.101	0.165	695	392	2114	0.002328	527	3.78375E-07	
58	68	5767	0.076051	0.617	0.719	1555	9973	35267	-166	-216
57	3	4.48	-2.29	2.07	1.49	116	4	15.24	1125	0.002290
	219	0.101	0.165	695	392	2114	0.002328	527	3.78429E-07	
58	68	5750	0.075839	0.617	0.719	1637	10181	35380	-164	-215
58	3	4.48	-2.30	2.07	1.48	147	4	15.23	1125	0.002298
	220	0.101	0.165	695	392	2114	0.002327	527	3.78478E-07	
58	68	5650	0.074935	0.616	0.717	1020	9056	35511	-168	-210
68	3	4.45	-2.30	2.04	1.49	-63	4	15.14	1128	0.002319
	221	0.101	0.165	695	392	2114	0.002315	530	0.00000038	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERRH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
58	68	5655	0.075021	0.616	0.717	846	10441	35209	-169	-199
69	3	4.45	-2.30	2.04	1.49	-33	4	15.14	1128	0.002300
	219	0.101	0.165	695	392	2114	0.002314	530	3.80048E-07	
42	83	5715	0.074631	0.621	0.746	-81	8821	36437	-175	-180
27	2	4.61	-2.18	2.56	-----	-----	Zero	22.90	1121	0.002343
	227	0.125	0.201	696	393	2106	0.002341	523	3.76227E-07	
44	83	5756	0.074932	0.623	0.746	1364	10426	30177	-165	-138
54	3	4.11	-2.03	2.23	-----	-----	Zero	22.54	1127	0.001934
	190	0.124	0.199	702	396	2103	0.002310	529	3.79505E-07	
44	83	5674	0.073853	0.623	0.746	1385	11980	30591	-163	-130
55	3	4.11	-2.03	2.23	-----	-----	Zero	22.49	1127	0.001960
	192	0.124	0.199	702	396	2103	0.002310	529	3.79545E-07	
44	83	5864	0.076279	0.623	0.747	1693	11026	30453	-165	-129
56	3	4.19	-2.03	2.23	-----	-----	Zero	22.53	1128	0.001951
	192	0.124	0.199	702	396	2103	0.002310	529	3.79591E-07	
44	83	5847	0.076065	0.623	0.747	-487	9754	30761	-180	-145
58	3	4.20	-2.22	2.38	-----	-----	Zero	22.52	1128	0.001970
	193	0.124	0.199	702	396	2103	0.002309	529	3.79649E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
44	83	5774	0.075047	0.623	0.747	-898	8773	31322	-180	-151
60	3	4.20	-2.22	2.38	-----	-----	Zero	22.61	1128	0.002004
	197	0.124	0.199	703	397	2103	0.002309	529	3.79691E-07	
44	83	5823	0.075686	0.623	0.747	-791	8696	31042	-181	-150
61	3	4.20	-2.22	2.38	-----	-----	Zero	22.55	1128	0.001987
	195	0.124	0.199	703	396	2103	0.002309	529	3.79677E-07	
44	83	5828	0.075750	0.623	0.747	324	8924	30957	-173	-148
62	3	4.20	-2.13	2.39	-----	-----	Zero	22.59	1128	0.001981
	195	0.124	0.199	703	396	2102	0.002309	529	3.79693E-07	
44	83	5684	0.073911	0.623	0.747	21	7755	31976	-171	-159
64	3	4.20	-2.13	2.45	-----	-----	Zero	22.61	1128	0.002047
	201	0.124	0.199	703	396	2102	0.002309	529	3.79704E-07	
44	83	5773	0.075067	0.623	0.747	314	8638	31304	-171	-150
65	3	4.20	-2.13	2.45	-----	-----	Zero	22.57	1128	0.002004
	197	0.124	0.199	703	396	2102	0.002308	529	3.79721E-07	
44	83	5691	0.074001	0.623	0.747	126	8982	31732	-170	-149
66	3	4.20	-2.13	2.45	-----	-----	Zero	22.56	1128	0.002032
	200	0.124	0.199	703	396	2102	0.002308	529	3.7973E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	5753	0.074929	0.623	0.747	1587	9692	64757	-174	-177
39	-5	6.82	-2.07	3.28	-----	-----	Zero	22.77	1113	0.004153
	402	0.124	0.200	693	391	2100	0.002367	515	3.71846E-07	
48	82	5817	0.075613	0.624	0.748	1125	9752	65225	-180	-168
46	-5	6.84	-2.12	3.23	-----	-----	Zero	22.80	1113	0.004174
	406	0.125	0.200	694	392	2100	0.002365	516	3.72131E-07	
48	82	5716	0.074428	0.623	0.747	1183	8362	65345	-176	-176
52	-5	6.84	-2.06	3.29	-----	-----	Zero	22.72	1114	0.004189
	406	0.124	0.200	694	391	2100	0.002363	516	3.72358E-07	
48	82	5846	0.076197	0.623	0.747	2260	11033	30763	-168	-146
78	3	4.23	-2.02	2.34	-----	-----	Zero	22.52	1115	0.001974
	191	0.124	0.199	694	392	2100	0.002357	517	3.73124E-07	
48	82	5806	0.075768	0.622	0.746	2165	10986	30817	-169	-135
92	3	4.23	-2.02	2.34	-----	-----	Zero	22.47	1116	0.001980
	192	0.124	0.199	694	392	2100	0.002355	518	3.73378E-07	
49	82	5856	0.076372	0.623	0.747	3186	13493	30220	-165	-159
19	3	4.21	-1.94	2.22	-----	-----	Zero	22.54	1121	0.001941
	189	0.124	0.199	698	394	2097	0.002328	523	3.76241E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	82	5850	0.076465	0.622	0.746	2847	12066	30249	-167	-164
47	3	4.21	-1.95	2.21	-----	-----	Zero	22.50	1122	0.001947
	189	0.124	0.199	698	394	2097	0.002325	523	3.76481E-07	
49	83	5845	0.076441	0.622	0.746	2056	9983	31072	-173	-189
74	3	4.26	-2.03	2.45	-----	-----	Zero	22.57	1122	0.002001
	194	0.124	0.200	698	394	2097	0.002322	524	3.76885E-07	
49	83	5860	0.076434	0.623	0.747	1518	10893	31116	-180	-182
98	3	4.27	-2.09	2.42	-----	-----	Zero	22.58	1121	0.001998
	195	0.124	0.199	699	394	2096	0.002325	523	3.7645E-07	
49	83	5830	0.076072	0.623	0.747	1107	9668	31093	-180	-191
99	3	4.22	-2.09	2.42	-----	-----	Zero	22.62	1121	0.001998
	195	0.124	0.200	699	394	2096	0.002325	523	3.76409E-07	
49	83	5819	0.075926	0.623	0.747	1235	9782	31136	-179	-190
100	3	4.22	-2.09	2.42	-----	-----	Zero	22.58	1121	0.002000
	195	0.124	0.199	699	394	2096	0.002326	523	3.76402E-07	
49	83	5826	0.076001	0.623	0.747	1236	9570	31173	-179	-192
101	3	4.22	-2.09	2.43	-----	-----	Zero	22.63	1121	0.002002
	195	0.124	0.200	699	394	2096	0.002325	523	3.76411E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5826	0.076019	0.623	0.747	1415	10409	30976	-177	-185
102	3	4.22	-2.09	2.43	-----	-----	Zero	22.62	1121	0.001990
	194	0.124	0.200	699	394	2096	0.002325	523	3.76455E-07	
49	83	5812	0.075823	0.623	0.747	1140	10231	31044	-179	-187
103	3	4.22	-2.09	2.42	-----	-----	Zero	22.65	1121	0.001994
	194	0.124	0.200	699	394	2096	0.002325	523	3.76422E-07	
49	83	5816	0.075864	0.623	0.747	1177	9883	31160	-179	-189
104	3	4.23	-2.09	2.43	-----	-----	Zero	22.65	1121	0.002001
	195	0.124	0.200	699	394	2096	0.002326	523	3.76393E-07	
49	83	5819	0.075908	0.623	0.747	1198	10053	31008	-179	-188
105	3	4.23	-2.09	2.43	-----	-----	Zero	22.62	1121	0.001992
	194	0.124	0.200	699	394	2096	0.002326	523	3.76381E-07	
49	83	5850	0.076313	0.623	0.747	1564	10754	30734	-177	-183
106	3	4.23	-2.09	2.43	-----	-----	Zero	22.62	1121	0.001974
	192	0.124	0.200	699	394	2096	0.002325	523	3.76417E-07	
49	83	5773	0.075317	0.623	0.747	1135	10297	31321	-177	-189
107	3	4.23	-2.09	2.43	-----	-----	Zero	22.60	1121	0.002012
	196	0.124	0.199	699	394	2096	0.002326	523	3.76375E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5842	0.076210	0.623	0.747	1270	10917	30867	-177	-184
108	3	4.23	-2.09	2.43	-----	-----	Zero	22.62	1121	0.001983
	193	0.124	0.200	699	394	2096	0.002326	523	3.76409E-07	
49	83	5779	0.075433	0.623	0.747	1098	10022	31376	-178	-190
109	3	4.23	-2.09	2.43	-----	-----	Zero	22.62	1121	0.002016
	196	0.124	0.200	699	394	2096	0.002325	523	3.76427E-07	
49	83	5832	0.076072	0.623	0.747	1390	11015	30801	-178	-182
110	3	4.23	-2.09	2.43	-----	-----	Zero	22.59	1121	0.001978
	193	0.124	0.199	699	394	2096	0.002326	523	3.76401E-07	
49	83	5741	0.074903	0.623	0.747	905	9412	31800	-178	-196
111	3	4.23	-2.09	2.43	-----	-----	Zero	22.66	1121	0.002043
	199	0.124	0.200	699	394	2096	0.002326	523	3.76363E-07	
49	83	5811	0.075792	0.623	0.747	1252	10467	31178	-177	-186
112	3	4.23	-2.10	2.43	-----	-----	Zero	22.65	1121	0.002002
	195	0.124	0.200	699	394	2096	0.002326	523	3.76329E-07	
49	83	5796	0.075616	0.623	0.747	1153	10503	31239	-179	-186
113	3	4.23	-2.09	2.42	-----	-----	Zero	22.61	1121	0.002007
	196	0.124	0.200	699	394	2096	0.002325	523	3.76427E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
61	84	5902	0.076939	0.623	0.747	1508	10365	31059	-165	-167
12	3	4.29	-2.05	2.52	-----	-----	Zero	22.60	1140	0.001993
	197	0.124	0.199	709	400	2103	0.002259	540	3.8585E-07	
61	84	5770	0.075244	0.623	0.747	921	9645	31720	-166	-169
20	3	4.26	-2.04	2.51	-----	-----	Zero	22.63	1140	0.002037
	202	0.124	0.200	710	401	2103	0.002256	541	3.86237E-07	
61	84	3000	0.039048	0.623	0.747	213	12387	22315	-92	-133
22	2	1.40	-1.14	0.80	-----	-----	Zero	22.46	1140	0.001430
	142	0.124	0.199	711	401	2103	0.002255	541	3.86319E-07	
61	84	4693	0.061087	0.623	0.747	-221	11468	26024	-136	-143
24	3	3.06	-1.76	1.75	-----	-----	Zero	22.67	1141	0.001668
	166	0.124	0.200	711	401	2103	0.002255	541	3.86387E-07	
61	84	6304	0.082158	0.623	0.747	1991	8055	33540	-175	-174
26	3	4.69	-2.11	2.71	-----	-----	Zero	22.78	1141	0.002152
	213	0.124	0.200	710	401	2103	0.002254	541	3.86462E-07	
61	84	6897	0.089872	0.623	0.747	1965	11254	36986	-198	-148
28	3	5.31	-2.32	2.93	-----	-----	Zero	22.78	1141	0.002373
	235	0.124	0.200	710	401	2103	0.002253	541	3.86482E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
61	84	7641	0.099586	0.623	0.747	1391	9552	43602	-237	-176
30	3	6.14	-2.64	3.55	-----	-----	Zero	22.79	1141	0.002798
	277	0.124	0.200	710	401	2103	0.002253	541	3.8648E-07	
61	84	5794	0.075492	0.623	0.747	4066	11269	31343	-143	-152
32	3	4.26	-1.79	2.41	-----	-----	Zero	22.72	1141	0.002011
	199	0.124	0.200	711	401	2103	0.002253	542	3.86489E-07	
61	84	5818	0.075786	0.623	0.747	3940	10614	31257	-145	-155
34	3	4.26	-1.79	2.41	-----	-----	Zero	22.77	1141	0.002005
	199	0.124	0.200	711	401	2103	0.002253	542	3.86532E-07	
61	84	5852	0.076256	0.623	0.747	4146	10929	31154	-144	-152
41	3	4.27	-1.80	2.40	-----	-----	Zero	22.76	1141	0.001999
	198	0.124	0.200	711	401	2103	0.002252	542	3.86583E-07	
61	83	5820	0.075668	0.623	0.746	1513	7578	32379	-165	-186
42	3	4.30	-2.04	2.58	-----	-----	Zero	22.11	1141	0.002073
	206	0.123	0.197	711	401	2103	0.002253	542	3.86562E-07	
61	83	5834	0.075886	0.624	0.746	1603	9643	37022	-170	-158
46	2	4.70	-2.06	2.47	-----	-----	Zero	22.18	1141	0.002371
	236	0.123	0.197	711	401	2103	0.002253	541	3.86412E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
61	83	5900	0.076770	0.623	0.746	1985	11026	36299	-168	-148
49	2	4.71	-2.06	2.48	-----	-----	Zero	22.19	1141	0.002325
	231	0.123	0.197	711	401	2103	0.002252	541	3.86385E-07	
64	82	5738	0.075039	0.623	0.745	1971	11189	31426	-144	-172
31	3	4.28	-1.93	2.17	-----	-----	Zero	22.01	1131	0.002024
	198	0.122	0.197	704	397	2097	0.002283	532	3.81278E-07	
44	83	5808	0.075548	0.623	0.747	-628	9790	30898	-180	-145
57	3	4.20	-2.22	2.38	0.04	0	Non-zero mean	22.57	1128	0.001979
	194	0.124	0.199	702	396	2102	0.002310	529	3.7959E-07	
48	82	5554	0.072359	0.623	0.747	413	5909	64797	-174	-215
40	-5	6.82	-2.07	3.29	1.04	0	Non-zero mean	22.82	1113	0.004156
	402	0.125	0.200	693	391	2100	0.002367	515	3.7186E-07	
48	82	5478	0.071386	0.623	0.747	-10	3025	64534	-174	-244
41	-5	6.82	-2.07	3.29	2.03	0	Non-zero mean	22.75	1113	0.004141
	401	0.124	0.200	693	391	2100	0.002366	515	3.71946E-07	
48	82	6464	0.084171	0.623	0.748	4844	17048	69771	-176	-83
43	-5	7.33	-2.07	3.22	0.95	-180	Non-zero mean	22.78	1113	0.004473
	433	0.124	0.200	693	391	2100	0.002366	515	3.72009E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	6487	0.084395	0.623	0.748	5098	18775	71127	-175	-54
44	-5	7.33	-2.07	3.21	1.96	-180	Non-zero mean	22.77	1113	0.004556
	442	0.124	0.200	694	391	2100	0.002366	515	3.72035E-07	
48	82	6713	0.087290	0.623	0.748	6219	22807	71490	-174	3
45	-5	7.33	-2.07	3.21	2.96	-180	Non-zero mean	22.77	1113	0.004577
	444	0.124	0.200	694	392	2100	0.002365	515	3.72052E-07	
48	82	5791	0.075441	0.623	0.747	1684	8376	66028	-174	-170
59	-5	6.90	-2.05	3.28	0.04	0	Non-zero mean	22.68	1114	0.004235
	410	0.124	0.200	694	392	2100	0.002360	517	3.72655E-07	
48	82	5677	0.074020	0.623	0.746	1517	7103	31684	-167	-182
79	3	4.23	-2.02	2.35	1.03	0	Non-zero mean	22.48	1115	0.002034
	197	0.124	0.199	694	392	2100	0.002357	517	3.73129E-07	
48	82	5526	0.072052	0.623	0.746	894	3791	32403	-167	-212
80	3	4.22	-2.02	2.36	2.02	0	Non-zero mean	22.48	1115	0.002080
	202	0.124	0.199	694	392	2100	0.002356	518	3.73189E-07	
48	82	5438	0.070914	0.623	0.746	224	2108	32675	-168	-230
81	3	4.22	-2.02	2.36	3.01	0	Non-zero mean	22.48	1115	0.002098
	203	0.124	0.199	694	392	2100	0.002356	517	3.73171E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	5942	0.077489	0.623	0.746	2614	12138	30540	-171	-121
82	3	4.23	-2.02	2.34	0.96	-180	Non-zero mean	22.54	1115	0.001961
	190	0.124	0.199	694	392	2100	0.002356	518	3.732E-07	
48	82	6069	0.079173	0.622	0.746	3469	15995	30239	-170	-78
83	3	4.23	-2.02	2.33	1.96	-180	Non-zero mean	22.52	1115	0.001942
	188	0.124	0.199	694	392	2100	0.002356	518	3.73235E-07	
48	82	6164	0.080447	0.622	0.746	3874	19003	30743	-169	-44
84	3	4.24	-2.02	2.32	2.97	-180	Non-zero mean	22.42	1115	0.001975
	191	0.124	0.199	694	392	2100	0.002355	518	3.73278E-07	
48	82	5895	0.076673	0.623	0.748	1458	12138	65920	-180	-142
49	-5	6.84	-2.12	3.22	0.99	-91	1	22.76	1114	0.004221
	410	0.124	0.200	694	392	2100	0.002363	516	3.72314E-07	
48	82	6034	0.078492	0.623	0.748	2040	14615	66631	-180	-114
50	-5	6.85	-2.12	3.21	1.99	-91	1	22.79	1114	0.004268
	414	0.125	0.200	694	392	2100	0.002363	516	3.72303E-07	
48	82	5702	0.074247	0.623	0.748	4027	8213	65482	-159	-178
54	-5	6.84	-2.05	3.29	1.99	-1	1	22.81	1114	0.004198
	407	0.125	0.200	694	392	2100	0.002361	516	3.72504E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	5669	0.073807	0.623	0.747	5691	8363	65595	-150	-176
55	-5	6.84	-2.05	3.29	2.98	-1	1	22.72	1114	0.004205
	408	0.124	0.200	694	392	2100	0.002362	516	3.72459E-07	
48	82	5755	0.074938	0.623	0.747	188	9118	65366	-184	-167
56	-5	6.84	-2.06	3.29	0.99	179	1	22.76	1114	0.004191
	406	0.124	0.200	694	392	2100	0.002361	516	3.72524E-07	
48	82	5833	0.075975	0.623	0.747	-701	10689	65073	-190	-153
57	-5	6.84	-2.06	3.29	1.99	179	1	22.71	1114	0.004173
	404	0.124	0.200	694	392	2100	0.002361	516	3.72605E-07	
48	82	5745	0.074857	0.623	0.747	-2927	9981	65623	-198	-156
58	-5	6.84	-2.06	3.29	2.98	179	1	22.73	1114	0.004210
	408	0.124	0.200	694	392	2100	0.002360	517	3.72645E-07	
48	82	5663	0.073913	0.622	0.746	1753	8846	31132	-166	-159
86	3	4.22	-2.02	2.35	0.99	89	1	22.52	1115	0.002001
	194	0.124	0.199	694	392	2100	0.002355	518	3.73335E-07	
48	82	5573	0.072735	0.622	0.746	1276	6204	31142	-168	-181
87	3	4.22	-2.02	2.36	1.99	89	1	22.53	1115	0.002001
	194	0.124	0.199	694	392	2100	0.002355	518	3.73319E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	5343	0.069726	0.622	0.746	753	4420	32133	-165	-198
88	3	4.22	-2.02	2.36	2.98	89	1	22.46	1115	0.002065
	200	0.124	0.199	694	392	2100	0.002355	518	3.73311E-07	
48	82	5918	0.077230	0.622	0.746	2527	12198	30877	-169	-122
89	3	4.23	-2.02	2.33	0.99	-91	1	22.45	1116	0.001984
	192	0.124	0.199	694	392	2100	0.002355	518	3.73377E-07	
48	82	6023	0.078566	0.622	0.746	2633	14283	31187	-170	-99
90	3	4.23	-2.02	2.32	1.99	-91	1	22.51	1115	0.002003
	194	0.124	0.199	694	392	2100	0.002355	518	3.73297E-07	
48	82	6209	0.081015	0.622	0.746	2874	14834	31254	-174	-85
91	3	4.23	-2.02	2.31	2.98	-91	1	22.49	1115	0.002008
	194	0.124	0.199	694	392	2100	0.002355	518	3.73324E-07	
48	82	5878	0.076707	0.622	0.746	3056	8522	30545	-166	-150
93	3	4.23	-2.02	2.33	0.99	-1	1	22.52	1116	0.001963
	190	0.124	0.199	694	392	2100	0.002355	518	3.73362E-07	
48	82	5752	0.075075	0.622	0.746	5204	8908	31453	-153	-146
95	3	4.23	-2.01	2.33	2.98	-1	1	22.46	1116	0.002021
	196	0.124	0.199	694	392	2100	0.002355	518	3.73368E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
48	82	5840	0.076229	0.622	0.746	1079	10066	30787	-176	-137
96	3	4.23	-2.02	2.34	0.99	179	1	22.52	1116	0.001979
	191	0.124	0.199	694	392	2100	0.002354	518	3.73412E-07	
48	82	5778	0.075431	0.622	0.746	-118	11118	31303	-180	-131
97	3	4.23	-2.03	2.34	1.99	179	1	22.44	1116	0.002012
	195	0.124	0.199	694	392	2100	0.002354	518	3.73388E-07	
48	82	5773	0.075368	0.622	0.746	-1415	11235	31502	-186	-128
98	3	4.23	-2.03	2.34	2.98	179	1	22.50	1116	0.002025
	196	0.124	0.199	694	392	2100	0.002354	518	3.73396E-07	
44	83	5850	0.076186	0.623	0.746	1239	12371	30460	-161	-114
68	3	4.20	-2.05	2.36	1.48	-2	2	22.51	1128	0.001953
	192	0.124	0.199	703	396	2102	0.002306	530	3.80004E-07	
44	83	5839	0.076026	0.623	0.747	1130	12249	30641	-161	-113
70	3	4.19	-2.05	2.34	1.48	-2	2	22.55	1128	0.001964
	193	0.124	0.199	703	396	2102	0.002306	530	3.80003E-07	
44	83	5773	0.075220	0.623	0.746	975	10486	31082	-161	-129
79	3	4.20	-2.06	2.46	1.48	-2	2	22.56	1129	0.001994
	196	0.124	0.199	703	396	2102	0.002305	530	3.80139E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
45	83	5776	0.075391	0.623	0.746	3666	9440	30663	-155	-102
31	3	4.15	-2.03	2.24	1.49	88	2	22.42	1136	0.001971
	194	0.124	0.199	707	399	2099	0.002271	537	3.83917E-07	
45	83	5765	0.075244	0.623	0.746	3270	10665	30885	-156	-93
32	3	4.15	-2.03	2.23	1.49	58	2	22.40	1136	0.001985
	196	0.123	0.199	707	399	2099	0.002271	537	3.83949E-07	
45	83	5858	0.076443	0.623	0.746	2643	12395	30070	-162	-78
33	3	4.15	-2.03	2.23	1.48	28	2	22.41	1136	0.001932
	190	0.124	0.199	707	399	2099	0.002271	537	3.8397E-07	
45	83	5894	0.076840	0.623	0.746	353	11071	30492	-175	-88
35	3	4.15	-2.03	2.23	1.47	-32	2	22.37	1136	0.001957
	193	0.123	0.198	708	399	2099	0.002271	537	3.84008E-07	
45	83	5844	0.076172	0.623	0.746	-399	11535	30909	-178	-87
36	3	4.15	-2.04	2.23	1.48	-62	2	22.41	1136	0.001984
	196	0.124	0.199	708	399	2099	0.002270	537	3.84058E-07	
45	83	5885	0.076712	0.623	0.747	-560	10263	30651	-181	-96
37	3	4.15	-2.04	2.23	1.49	-92	2	22.43	1136	0.001967
	194	0.124	0.199	708	399	2099	0.002270	537	3.84061E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
45	83	5797	0.075587	0.623	0.746	-371	8476	31165	-178	-116
38	3	4.15	-2.04	2.35	1.49	-122	2	22.41	1136	0.002001
	198	0.124	0.199	708	399	2099	0.002270	537	3.8413E-07	
45	83	5772	0.075234	0.623	0.747	1434	7784	31283	-167	-121
39	3	4.15	-1.95	2.33	1.49	-152	2	22.43	1136	0.002008
	198	0.124	0.199	708	399	2099	0.002270	537	3.84133E-07	
45	83	5631	0.073431	0.623	0.746	2077	6044	32222	-161	-132
40	3	4.15	-1.95	2.30	1.49	179	2	22.41	1136	0.002069
	204	0.124	0.199	708	399	2099	0.002270	537	3.84129E-07	
45	83	5661	0.073815	0.623	0.747	3184	6742	31875	-155	-128
41	3	4.15	-1.94	2.30	1.49	148	2	22.47	1136	0.002046
	202	0.124	0.199	708	399	2098	0.002270	537	3.84105E-07	
45	83	5691	0.074256	0.623	0.746	4595	8674	31429	-145	-111
43	3	4.15	-1.94	2.30	1.49	88	2	22.41	1136	0.002019
	199	0.124	0.199	708	399	2099	0.002269	537	3.84186E-07	
45	83	5677	0.074087	0.623	0.746	3438	6953	31708	-153	-126
44	3	4.15	-1.94	2.30	1.49	148	2	22.46	1136	0.002037
	201	0.124	0.199	708	399	2098	0.002269	537	3.84208E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
45	83	5707	0.074457	0.623	0.746	3297	5906	31694	-154	-131
46	3	4.15	-1.94	2.30	1.48	148	2	22.40	1136	0.002036
	201	0.123	0.199	708	399	2098	0.002269	537	3.8424E-07	
45	83	5650	0.073737	0.623	0.746	3837	6401	31975	-153	-129
47	3	4.15	-1.94	2.30	1.98	148	2	22.44	1136	0.002055
	203	0.124	0.199	708	399	2098	0.002269	537	3.84259E-07	
45	83	5738	0.074859	0.623	0.746	3272	6283	32951	-162	-126
48	3	4.26	-2.05	2.25	2.48	148	2	22.38	1136	0.002117
	209	0.123	0.198	708	399	2098	0.002268	537	3.84262E-07	
45	83	5835	0.076148	0.623	0.746	2348	5906	32314	-169	-127
49	3	4.26	-2.18	2.25	2.98	148	2	22.42	1136	0.002076
	205	0.124	0.199	708	399	2098	0.002268	537	3.84267E-07	
45	83	5938	0.077510	0.623	0.746	-1220	11191	31170	-187	-90
50	3	4.27	-2.31	2.45	1.48	-2	2	22.41	1137	0.002003
	198	0.124	0.199	708	399	2098	0.002268	538	3.84311E-07	
45	83	5879	0.076722	0.623	0.746	-1576	9504	31956	-187	-107
51	3	4.26	-2.31	2.69	2.48	-2	2	22.32	1137	0.002053
	203	0.123	0.198	708	399	2098	0.002268	538	3.84318E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
45	83	5752	0.075063	0.623	0.746	937	8318	31035	-165	-117
52	3	4.11	-1.96	2.69	2.48	-17	2	22.44	1137	0.001994
	197	0.124	0.199	708	399	2098	0.002267	538	3.84353E-07	
45	83	5704	0.074394	0.623	0.746	1338	8820	31006	-161	-116
53	3	4.11	-1.96	2.69	1.98	-16	2	22.39	1137	0.001991
	197	0.123	0.199	708	399	2098	0.002267	538	3.84389E-07	
49	83	5752	0.075143	0.623	0.747	4624	8452	31008	-152	-200
61	3	4.20	-1.95	2.45	1.48	88	2	22.58	1122	0.001995
	194	0.124	0.200	699	394	2097	0.002323	524	3.76787E-07	
49	82	5788	0.075632	0.623	0.746	4341	9068	30811	-154	-194
62	3	4.21	-1.95	2.45	1.48	58	2	22.49	1122	0.001982
	193	0.124	0.199	699	394	2097	0.002323	524	3.76815E-07	
49	82	5774	0.075450	0.623	0.746	3669	11600	30872	-158	-175
63	3	4.21	-1.95	2.45	1.48	28	2	22.47	1122	0.001986
	193	0.124	0.199	699	394	2097	0.002323	524	3.76827E-07	
49	82	5853	0.076475	0.623	0.746	2682	11463	30547	-165	-173
64	3	4.21	-1.95	2.44	1.48	-2	2	22.48	1122	0.001965
	191	0.124	0.199	699	394	2097	0.002322	524	3.76861E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5793	0.075710	0.623	0.746	1617	12515	30866	-171	-168
65	3	4.21	-1.96	2.45	1.48	-32	2	22.53	1122	0.001986
	193	0.124	0.199	699	394	2097	0.002322	524	3.76837E-07	
49	83	5869	0.076691	0.623	0.747	922	11359	30580	-179	-176
66	3	4.21	-1.96	2.45	1.48	-61	2	22.55	1122	0.001968
	191	0.124	0.199	699	394	2097	0.002322	524	3.76855E-07	
49	83	5818	0.076061	0.622	0.746	635	10615	30900	-179	-187
67	3	4.21	-1.96	2.45	1.48	-92	2	22.53	1122	0.001989
	193	0.124	0.199	699	394	2097	0.002322	524	3.76876E-07	
49	82	5765	0.075358	0.623	0.746	986	9779	31247	-176	-194
68	3	4.21	-1.96	2.45	1.48	-122	2	22.49	1122	0.002011
	196	0.124	0.199	699	394	2096	0.002322	524	3.76827E-07	
49	83	5719	0.074753	0.623	0.746	1477	8837	31566	-172	-203
69	3	4.21	-1.96	2.45	1.48	-152	2	22.51	1122	0.002032
	198	0.124	0.199	699	394	2096	0.002322	524	3.76808E-07	
49	83	5711	0.074666	0.622	0.747	2289	7010	31640	-167	-217
70	3	4.21	-1.96	2.45	1.48	178	2	22.59	1122	0.002037
	198	0.124	0.200	699	394	2096	0.002322	524	3.7683E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5632	0.073617	0.622	0.746	3478	8047	31914	-158	-210
71	3	4.21	-1.96	2.45	1.48	148	2	22.53	1122	0.002054
	200	0.124	0.199	699	394	2096	0.002322	524	3.76865E-07	
49	83	5684	0.074288	0.622	0.747	4407	9259	31278	-154	-198
72	3	4.21	-1.96	2.45	1.48	118	2	22.57	1122	0.002013
	196	0.124	0.200	699	394	2096	0.002322	524	3.76862E-07	
49	82	5711	0.074654	0.622	0.746	4687	9729	31177	-150	-193
73	3	4.21	-1.96	2.45	1.48	88	2	22.51	1122	0.002007
	195	0.124	0.199	699	394	2096	0.002322	524	3.76833E-07	
49	82	5676	0.074254	0.622	0.746	2652	7002	31491	-166	-216
78	3	4.18	-2.03	2.45	1.48	149	2	22.50	1122	0.002028
	197	0.124	0.199	698	394	2097	0.002322	524	3.76884E-07	
44	83	5758	0.074917	0.623	0.747	2155	11437	30670	-166	-157
38	3	4.14	-2.06	2.16	1.48	-152	3	22.64	1126	0.001965
	193	0.124	0.199	701	396	2103	0.002316	528	3.78873E-07	
44	83	5702	0.074126	0.623	0.747	1722	10130	31187	-167	-165
39	3	4.14	-2.06	2.15	1.47	-167	3	22.64	1126	0.001996
	196	0.124	0.199	702	396	2103	0.002316	528	3.78832E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
44	83	5720	0.074413	0.623	0.747	1610	10591	30924	-170	-164
40	3	4.14	-2.06	2.24	1.47	-137	3	22.58	1126	0.001981
	194	0.124	0.199	702	396	2103	0.002315	528	3.78897E-07	
49	83	5834	0.076151	0.623	0.747	2996	13619	30409	-161	-155
20	3	4.21	-1.94	2.22	1.48	87	3	22.58	1121	0.001955
	190	0.124	0.200	698	394	2097	0.002328	523	3.76244E-07	
49	83	5869	0.076587	0.623	0.747	2507	13063	30320	-166	-157
21	3	4.21	-1.94	2.22	1.48	58	3	22.58	1121	0.001948
	190	0.124	0.199	698	394	2097	0.002327	523	3.76291E-07	
49	82	5857	0.076458	0.623	0.747	2124	13448	30563	-171	-155
23	3	4.21	-1.95	2.22	1.48	-2	3	22.52	1121	0.001964
	191	0.124	0.199	698	394	2097	0.002327	523	3.76301E-07	
49	82	5926	0.077360	0.623	0.747	2557	14052	29932	-171	-149
24	3	4.21	-1.95	2.22	1.48	-32	3	22.50	1121	0.001924
	187	0.124	0.199	698	394	2097	0.002327	523	3.76368E-07	
49	82	5803	0.075773	0.623	0.747	2454	13505	30841	-170	-156
25	3	4.21	-1.95	2.22	1.48	-62	3	22.49	1121	0.001983
	193	0.124	0.199	698	394	2097	0.002327	523	3.76364E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	82	5816	0.075979	0.623	0.746	2517	10283	31086	-171	-177
26	3	4.21	-1.95	2.22	1.48	-92	3	22.53	1121	0.001999
	194	0.124	0.199	698	394	2097	0.002327	523	3.76384E-07	
49	82	5758	0.075215	0.623	0.746	2974	11724	31271	-166	-171
27	3	4.21	-1.95	2.22	1.48	-122	3	22.49	1121	0.002011
	196	0.124	0.199	698	394	2097	0.002326	523	3.76415E-07	
49	82	5779	0.075491	0.623	0.746	3074	11370	31131	-166	-172
28	3	4.21	-1.95	2.21	1.48	-123	3	22.53	1121	0.002002
	195	0.124	0.199	698	394	2097	0.002326	523	3.76397E-07	
49	82	5743	0.075028	0.623	0.746	3298	9992	31464	-162	-183
29	3	4.21	-1.95	2.21	1.48	-152	3	22.54	1121	0.002024
	197	0.124	0.199	698	394	2097	0.002326	523	3.76411E-07	
49	83	5697	0.074421	0.623	0.747	3338	10082	31579	-160	-183
30	3	4.21	-1.95	2.22	1.48	178	3	22.56	1121	0.002031
	197	0.124	0.199	698	394	2097	0.002327	523	3.76384E-07	
49	82	5745	0.075031	0.623	0.746	3502	12200	31052	-158	-168
31	3	4.21	-1.95	2.22	1.48	148	3	22.49	1121	0.001997
	194	0.124	0.199	698	394	2097	0.002327	523	3.76326E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	82	5839	0.076272	0.623	0.746	3303	12316	30317	-161	-163
32	3	4.21	-1.95	2.21	1.48	118	3	22.49	1121	0.001950
	190	0.124	0.199	698	394	2097	0.002327	523	3.76373E-07	
49	82	5857	0.076504	0.623	0.746	3021	13961	30100	-162	-151
33	3	4.21	-1.95	2.21	1.48	87	3	22.50	1121	0.001936
	188	0.124	0.199	698	394	2097	0.002327	523	3.76384E-07	
49	83	5744	0.075119	0.622	0.746	1574	8920	31258	-176	-198
75	3	4.18	-2.03	2.45	1.48	-93	3	22.55	1122	0.002013
	196	0.124	0.200	698	394	2096	0.002322	524	3.76888E-07	
49	83	5674	0.074251	0.622	0.746	1345	9145	31716	-176	-196
79	3	4.18	-2.03	2.45	1.48	-92	3	22.61	1122	0.002044
	198	0.124	0.200	698	394	2097	0.002322	524	3.76865E-07	
49	83	5840	0.076250	0.623	0.747	1588	7741	32907	-180	-212
80	3	4.34	-2.06	2.66	1.97	-92	3	22.61	1122	0.002116
	206	0.124	0.200	699	394	2097	0.002323	524	3.7675E-07	
49	83	5802	0.075788	0.623	0.747	1668	8199	33181	-180	-209
81	3	4.34	-2.06	2.66	2.46	-93	3	22.60	1122	0.002134
	208	0.124	0.200	699	394	2096	0.002322	524	3.76829E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5880	0.076778	0.623	0.747	1900	8643	32103	-178	-208
82	3	4.34	-2.06	2.66	0.98	-92	3	22.59	1122	0.002064
	201	0.124	0.200	699	394	2096	0.002322	524	3.76812E-07	
49	83	5806	0.075810	0.623	0.747	1535	7600	32914	-179	-216
83	3	4.34	-2.06	2.66	1.48	-93	3	22.54	1122	0.002116
	206	0.124	0.199	699	394	2096	0.002323	524	3.76757E-07	
49	83	5838	0.076229	0.623	0.747	1795	7939	32675	-178	-213
84	3	4.34	-2.06	2.66	1.48	-92	3	22.59	1122	0.002101
	205	0.124	0.200	699	394	2096	0.002323	524	3.76728E-07	
49	83	5850	0.076397	0.623	0.747	2549	8149	31836	-173	-204
85	3	4.27	-1.97	2.53	1.48	-92	3	22.61	1122	0.002047
	199	0.124	0.200	699	394	2096	0.002323	524	3.76752E-07	
49	83	5736	0.074893	0.623	0.747	2323	8892	32487	-171	-200
86	3	4.27	-1.97	2.52	1.48	-92	3	22.66	1122	0.002089
	203	0.124	0.200	699	394	2096	0.002324	524	3.76674E-07	
49	83	5801	0.075735	0.623	0.747	2626	9375	31959	-171	-196
87	3	4.27	-1.97	2.53	1.48	-92	3	22.61	1122	0.002054
	200	0.124	0.200	699	394	2096	0.002324	524	3.76638E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5798	0.075707	0.623	0.747	2709	9341	31976	-170	-197
88	3	4.27	-1.97	2.53	1.48	-92	3	22.54	1122	0.002056
	200	0.124	0.199	699	394	2096	0.002323	524	3.76688E-07	
49	83	5770	0.075320	0.623	0.747	2393	8455	32323	-172	-203
89	3	4.27	-1.97	2.52	1.48	-92	3	22.60	1122	0.002078
	202	0.124	0.200	699	394	2096	0.002324	524	3.76638E-07	
49	83	5779	0.075461	0.623	0.747	2506	8784	32214	-171	-202
90	3	4.27	-1.97	2.53	1.48	-92	3	22.57	1122	0.002071
	202	0.124	0.199	699	394	2096	0.002324	524	3.76676E-07	
49	83	5823	0.076012	0.623	0.747	2580	9665	31910	-171	-195
91	3	4.28	-1.97	2.53	1.48	-92	3	22.57	1122	0.002051
	200	0.124	0.199	699	394	2096	0.002324	524	3.76634E-07	
49	83	5801	0.075732	0.623	0.747	2696	9494	31851	-171	-196
92	3	4.28	-1.97	2.52	1.48	-92	3	22.60	1122	0.002047
	199	0.124	0.200	699	394	2096	0.002324	524	3.7663E-07	
49	83	5805	0.075755	0.623	0.747	2471	9113	32102	-173	-199
93	3	4.28	-1.97	2.53	1.48	-92	3	22.63	1122	0.002063
	201	0.124	0.200	699	394	2096	0.002324	524	3.76617E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5848	0.076314	0.623	0.747	2720	8552	31930	-171	-202
94	3	4.28	-1.97	2.52	1.48	-92.470	3	22.59	1122	0.002051
	200	0.124	0.199	699	394	2096	0.002324	524	3.7659E-07	
49	83	5764	0.075185	0.623	0.747	2453	9503	32419	-172	-197
95	3	4.28	-1.97	2.52	1.48	-92.462	3	22.63	1122	0.002082
	203	0.124	0.200	699	394	2096	0.002324	524	3.7657E-07	
49	83	5808	0.075783	0.623	0.747	2659	9030	32048	-172	-199
96	3	4.28	-1.97	2.52	1.48	-92.314	3	22.56	1122	0.002059
	201	0.124	0.199	699	394	2096	0.002324	524	3.76566E-07	
49	83	5859	0.076446	0.623	0.747	1161	9363	31746	-185	-193
97	3	4.27	-2.09	2.42	1.48	-92.079	3	22.58	1121	0.002039
	199	0.124	0.199	699	394	2096	0.002325	523	3.7645E-07	
61	84	5752	0.074896	0.623	0.747	657	8554	31785	-169	-180
13	3	4.21	-2.05	2.51	1.49	-93.154	3	22.52	1140	0.002038
	202	0.124	0.199	710	401	2103	0.002259	540	3.85898E-07	
61	84	5758	0.074988	0.623	0.747	723	9218	31794	-168	-175
14	3	4.21	-2.05	2.52	1.49	-92.510	3	22.55	1140	0.002039
	202	0.124	0.199	710	401	2103	0.002258	540	3.85914E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
61	84	5699	0.074221	0.623	0.747	437	8641	32215	-169	-179
15	3	4.21	-2.05	2.52	1.49	-93	3	22.58	1140	0.002066
	205	0.124	0.199	710	401	2103	0.002259	540	3.85891E-07	
64	83	5861	0.076677	0.623	0.746	2203	12139	30571	-150	-158
33	3	4.28	-1.94	2.16	1.48	-93	3	22.26	1131	0.001969
	193	0.123	0.198	704	397	2096	0.002282	532	3.81359E-07	
44	83	5696	0.074102	0.623	0.747	946	10400	31776	-168	-150
45	3	4.19	-2.03	2.32	1.48	-18	4	22.63	1127	0.002035
	200	0.124	0.199	702	396	2103	0.002313	528	3.79111E-07	
44	83	5839	0.075925	0.623	0.747	1293	11707	30514	-170	-138
46	3	4.19	-2.03	2.32	1.48	11	4	22.57	1127	0.001954
	192	0.124	0.199	702	396	2102	0.002314	528	3.7908E-07	
49	82	5854	0.076491	0.623	0.746	2569	12353	30554	-165	-157
34	3	4.21	-1.94	2.23	1.48	87	4	22.52	1121	0.001966
	191	0.124	0.199	698	394	2097	0.002327	523	3.76344E-07	
49	82	5867	0.076635	0.623	0.746	2471	12005	30364	-169	-157
35	3	4.20	-1.94	2.23	1.48	57	4	22.50	1121	0.001953
	190	0.124	0.199	698	394	2097	0.002327	523	3.76341E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	82	5809	0.075891	0.623	0.746	2578	13223	30735	-167	-150
36	3	4.21	-1.94	2.22	1.48	27	4	22.53	1121	0.001977
	192	0.124	0.199	698	394	2097	0.002327	523	3.76349E-07	
49	82	5858	0.076548	0.623	0.746	2577	12381	30531	-169	-157
37	3	4.21	-1.94	2.22	1.48	-3	4	22.52	1121	0.001964
	191	0.124	0.199	698	394	2097	0.002327	523	3.76364E-07	
49	82	5886	0.076869	0.623	0.747	2799	12558	30306	-169	-156
38	3	4.21	-1.94	2.22	1.48	-33	4	22.54	1121	0.001949
	190	0.124	0.199	698	394	2097	0.002327	523	3.76316E-07	
49	82	5761	0.075287	0.623	0.746	2581	11804	31189	-167	-166
39	3	4.20	-1.94	2.22	1.48	-63	4	22.54	1121	0.002007
	195	0.124	0.199	698	394	2097	0.002326	523	3.76387E-07	
49	82	5840	0.076299	0.623	0.746	2835	11868	30728	-165	-166
40	3	4.20	-1.94	2.22	1.48	-93	4	22.49	1121	0.001977
	192	0.124	0.199	698	394	2097	0.002326	523	3.76368E-07	
49	82	5770	0.075393	0.623	0.746	2698	11536	31151	-164	-170
41	3	4.20	-1.94	2.22	1.48	-123	4	22.53	1121	0.002004
	195	0.124	0.199	698	394	2097	0.002326	523	3.76365E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	82	5769	0.075416	0.622	0.746	2603	11074	31262	-163	-173
42	3	4.20	-1.94	2.22	1.48	-154	4	22.53	1121	0.002012
	195	0.124	0.199	698	394	2097	0.002326	523	3.7639E-07	
49	82	5781	0.075572	0.622	0.746	2627	11938	31024	-163	-167
43	3	4.20	-1.94	2.22	1.48	177	4	22.54	1122	0.001997
	194	0.124	0.199	698	394	2097	0.002325	523	3.76467E-07	
49	82	5875	0.076788	0.622	0.746	2684	12701	30231	-166	-157
45	3	4.20	-1.94	2.22	1.48	147	4	22.52	1122	0.001946
	189	0.124	0.199	698	394	2097	0.002325	523	3.76481E-07	
49	82	5786	0.075630	0.622	0.746	2423	12592	30869	-167	-156
46	3	4.20	-1.94	2.22	1.48	117	4	22.50	1122	0.001987
	193	0.124	0.199	698	394	2097	0.002325	523	3.76484E-07	
49	83	5784	0.075617	0.622	0.746	1468	10043	30691	-176	-181
76	3	4.18	-2.02	2.46	1.48	87	4	22.54	1122	0.001975
	192	0.124	0.199	699	394	2096	0.002322	524	3.7684E-07	
44	83	5684	0.074021	0.623	0.746	-156	10928	30930	-171	-129
51	3	4.11	-2.10	2.17	1.49	86	5	22.59	1127	0.001983
	194	0.124	0.199	702	396	2102	0.002311	529	3.79393E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
44	83	5753	0.074867	0.623	0.747	103	10723	30633	-171	-130
52	3	4.11	-2.10	2.17	1.49	71	5	22.53	1127	0.001963
	193	0.124	0.199	702	396	2103	0.002311	529	3.79398E-07	
44	83	5748	0.074820	0.623	0.746	914	11356	30324	-166	-124
53	3	4.11	-2.03	2.17	1.49	101	5	22.53	1127	0.001944
	191	0.124	0.199	702	396	2103	0.002311	529	3.79452E-07	
49	83	5722	0.074752	0.623	0.747	2103	9813	31769	-166	-190
50	3	4.20	-1.95	2.45	1.49	-125	5	22.55	1122	0.002043
	199	0.124	0.199	698	394	2097	0.002325	524	3.76569E-07	
49	83	5699	0.074471	0.623	0.747	2179	8785	31937	-167	-197
53	3	4.21	-1.95	2.45	1.49	-64	5	22.56	1122	0.002055
	200	0.124	0.200	698	394	2097	0.002324	524	3.76628E-07	
49	82	5692	0.074412	0.622	0.746	2531	9230	31943	-164	-194
55	3	4.21	-1.95	2.45	1.49	-124	5	22.45	1122	0.002056
	200	0.124	0.199	698	394	2097	0.002324	524	3.76698E-07	
49	82	5701	0.074535	0.622	0.746	2355	9101	31716	-166	-194
56	3	4.21	-1.95	2.46	1.49	-154	5	22.49	1122	0.002042
	198	0.124	0.199	698	394	2097	0.002323	524	3.76741E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
49	83	5744	0.075086	0.622	0.746	2594	10495	31054	-166	-183
57	3	4.21	-1.95	2.46	1.49	176	5	22.57	1122	0.001999
	194	0.124	0.200	698	394	2097	0.002323	524	3.76705E-07	
49	83	5727	0.074799	0.623	0.747	2335	9865	31330	-165	-186
58	3	4.21	-1.95	2.45	1.49	147	5	22.55	1122	0.002015
	196	0.124	0.199	699	394	2097	0.002323	524	3.76766E-07	
49	83	5672	0.074092	0.623	0.747	2044	9440	31813	-165	-190
60	3	4.20	-1.95	2.45	1.49	86	5	22.53	1122	0.002046
	199	0.124	0.199	699	394	2097	0.002323	524	3.76776E-07	
49	83	5795	0.075780	0.622	0.746	1798	9887	30636	-172	-184
77	3	4.18	-2.02	2.45	1.49	147	5	22.55	1122	0.001973
	192	0.124	0.200	698	394	2096	0.002322	524	3.76887E-07	
42	83	5718	0.074699	0.621	0.746	1613	8511	36780	-161	-180
28	2	4.67	-1.98	2.63	0.98, 0.49	-152, 116	multiple (2,5)	22.96	1121	0.002366
	229	0.125	0.201	696	393	2106	0.002341	523	3.76273E-07	
42	83	5738	0.074965	0.621	0.746	1738	8633	36575	-160	-180
29	2	4.67	-1.98	2.63	0.99, 0.50	-152, 116	multiple (2,5)	22.96	1121	0.002353
	228	0.125	0.201	696	393	2106	0.002341	523	3.76282E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
42	83	5839	0.076354	0.621	0.745	1408	6955	37431	-167	-172
32	2	4.77	-1.97	2.63	1.98, 0.99	-151, 117	multiple (2,5)	22.95	1121	0.002410
	233	0.125	0.201	696	393	2106	0.002340	523	3.76393E-07	
42	83	5808	0.075765	0.621	0.746	2548	8162	34193	-156	-158
34	2	4.49	-1.84	2.44	1.98, 1.00	-151, 116	multiple (2,5)	22.90	1122	0.002196
	213	0.125	0.201	697	393	2106	0.002339	523	3.76474E-07	
61	84	5823	0.075884	0.623	0.747	1115	10369	31297	-166	-166
17	3	4.27	-2.06	2.51	0.37, 0.66, 0.53, 0.43	-131, 129, 66, -178	multiple (2,3,4,5)	22.60	1140	0.002008
	199	0.124	0.199	710	400	2103	0.002258	541	3.86001E-07	
61	84	5800	0.075546	0.623	0.747	841	9879	31709	-166	-170
18	3	4.27	-2.05	2.52	0.56, 1.00, 0.82, 0.51	-135, 131, 56, -162	multiple (2,3,4,5)	22.55	1140	0.002034
	202	0.124	0.199	710	401	2103	0.002257	541	3.86061E-07	
61	84	5830	0.075987	0.623	0.747	792	8408	31590	-168	-178
19	3	4.26	-2.04	2.52	0.64, 1.14, 0.96, 0.55	-135, 132, 52, -153	multiple (2,3,4,5)	22.59	1140	0.002027
	201	0.124	0.199	710	400	2103	0.002257	541	3.86091E-07	
61	83	5853	0.076152	0.624	0.746	70	8941	37248	-178	-163
48	2	4.70	-2.06	2.49	1.99, 1.00	-152, 115	multiple (2,5)	22.14	1141	0.002386
	237	0.123	0.197	711	401	2103	0.002252	541	3.86404E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	104	5789	0.075560	0.623	0.777	4923	8595	62819	-146	-106
73	-4	7.01	-1.56	4.15	-----	-----	Zero	35.11	1134	0.004037
	397	0.155	0.249	706	398	2098	0.002278	535	3.82823E-07	
57	104	5778	0.075398	0.623	0.777	4975	8929	62927	-144	-103
74	-4	7.01	-1.56	4.15	-----	-----	Zero	35.09	1134	0.004043
	398	0.155	0.249	706	398	2098	0.002278	535	3.82784E-07	
57	104	5729	0.074783	0.623	0.778	4716	8780	63092	-146	-105
75	-4	7.01	-1.56	4.15	-----	-----	Zero	35.20	1134	0.004055
	399	0.155	0.249	706	398	2098	0.002278	535	3.82783E-07	
57	104	5735	0.074841	0.623	0.778	4561	8511	63087	-147	-104
76	-4	7.01	-1.59	4.15	-----	-----	Zero	35.20	1134	0.004053
	399	0.155	0.249	706	398	2098	0.002278	535	3.82768E-07	
57	104	5773	0.075356	0.623	0.778	3441	8208	63114	-156	-109
77	-4	7.01	-1.70	4.22	-----	-----	Zero	35.17	1134	0.004056
	399	0.155	0.249	706	398	2098	0.002278	535	3.8287E-07	
57	104	5772	0.075338	0.623	0.778	3048	8595	63022	-160	-109
78	-4	7.01	-1.72	4.22	-----	-----	Zero	35.27	1134	0.004050
	399	0.155	0.249	706	398	2098	0.002277	535	3.82883E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	104	5767	0.075307	0.623	0.777	3056	8222	63162	-161	-110
79	-4	7.02	-1.72	4.23	-----	-----	Zero	35.20	1134	0.004061
	399	0.155	0.249	706	398	2098	0.002278	535	3.8286E-07	
57	104	5747	0.075004	0.623	0.778	2119	6289	63662	-166	-130
80	-4	7.03	-1.77	4.37	-----	-----	Zero	35.24	1134	0.004091
	403	0.155	0.249	706	398	2098	0.002278	535	3.82841E-07	
57	104	5737	0.074899	0.623	0.777	2143	5451	63726	-166	-137
81	-4	7.03	-1.77	4.37	-----	-----	Zero	35.19	1134	0.004096
	403	0.155	0.249	706	398	2098	0.002278	535	3.82875E-07	
57	104	5744	0.074982	0.623	0.778	2084	5951	63766	-166	-132
82	-4	7.03	-1.77	4.37	-----	-----	Zero	35.22	1134	0.004098
	403	0.155	0.249	706	398	2097	0.002277	535	3.82885E-07	
57	104	5700	0.074389	0.623	0.778	2003	6618	63886	-166	-128
83	-4	7.03	-1.78	4.37	-----	-----	Zero	35.18	1134	0.004105
	404	0.155	0.249	706	398	2098	0.002278	535	3.82861E-07	
57	104	5729	0.074781	0.623	0.778	2226	6364	63787	-165	-130
84	-4	7.03	-1.78	4.37	-----	-----	Zero	35.27	1134	0.004100
	403	0.155	0.249	706	398	2097	0.002278	535	3.82868E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	104	5762	0.075237	0.623	0.778	2448	6729	63546	-167	-127
85	-4	7.03	-1.77	4.37	-----	-----	Zero	35.26	1134	0.004085
	402	0.155	0.249	706	398	2097	0.002277	535	3.82957E-07	
42	123	5950	0.079194	0.619	0.805	3757	9379	110968	-133	-32
106	-9	10.61	-1.81	6.25	-----	-----	Zero	49.99	1122	0.007273
	691	0.185	0.300	695	392	2078	0.002305	524	3.76858E-07	
42	123	6060	0.080667	0.619	0.805	6254	9803	111755	-120	-39
111	-9	10.71	-1.63	6.20	-----	-----	Zero	50.04	1123	0.007325
	696	0.185	0.300	695	392	2078	0.002304	524	3.77008E-07	
46	123	5663	0.075128	0.622	0.808	2655	6105	104227	-152	-136
42	-9	10.16	-1.76	6.30	-----	-----	Zero	49.90	1119	0.006809
	651	0.186	0.299	697	393	2067	0.002299	521	3.75416E-07	
46	123	5672	0.075230	0.623	0.808	1426	7845	103850	-159	-113
47	-9	10.13	-1.87	6.14	-----	-----	Zero	49.87	1120	0.006782
	649	0.186	0.299	697	393	2067	0.002297	522	3.75719E-07	
46	124	5742	0.075996	0.623	0.809	2580	8645	103500	-154	-97
64	-9	10.10	-1.77	6.01	-----	-----	Zero	49.96	1120	0.006744
	647	0.186	0.299	698	394	2067	0.002299	522	3.75442E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
46	123	5985	0.080161	0.620	0.805	6264	11351	109988	-139	-66
90	-9	10.60	-1.64	6.13	-----	-----	Zero	49.54	1122	0.007253
	685	0.185	0.299	695	392	2066	0.002287	524	3.76915E-07	
46	123	6003	0.080416	0.620	0.805	6356	11551	110094	-139	-63
94	-9	10.60	-1.64	6.13	-----	-----	Zero	49.64	1122	0.007262
	686	0.185	0.300	695	392	2066	0.002286	524	3.76929E-07	
54	123	5625	0.073670	0.623	0.809	4831	8224	103825	-127	-123
11	-9	10.08	-1.52	6.05	-----	-----	Zero	50.76	1113	0.006696
	645	0.186	0.300	693	391	2088	0.002353	516	3.72144E-07	
54	123	5831	0.076288	0.623	0.809	5310	9859	105550	-129	-105
18	-9	10.13	-1.57	6.04	-----	-----	Zero	50.55	1114	0.006800
	656	0.186	0.299	694	392	2088	0.002350	516	3.72445E-07	
54	123	5788	0.075844	0.623	0.808	5149	10448	105228	-131	-101
25	-9	10.13	-1.57	6.04	-----	-----	Zero	50.47	1114	0.006789
	654	0.186	0.299	694	392	2088	0.002348	517	3.72796E-07	
54	123	5775	0.075599	0.623	0.809	4729	9622	105137	-134	-99
33	-9	10.13	-1.60	6.03	-----	-----	Zero	50.56	1116	0.006776
	654	0.186	0.299	695	392	2088	0.002343	518	3.73362E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	5739	0.075187	0.623	0.809	4425	8808	104887	-136	-102
35	-9	10.13	-1.60	6.03	-----	-----	Zero	50.59	1116	0.006765
	653	0.186	0.299	695	392	2088	0.002342	518	3.73449E-07	
54	123	5867	0.076878	0.623	0.808	4065	10230	105800	-143	-77
63	-9	10.21	-1.67	5.94	-----	-----	Zero	50.40	1118	0.006826
	660	0.186	0.299	696	393	2088	0.002332	520	3.74702E-07	
54	123	5885	0.077165	0.623	0.808	4088	9856	105891	-146	-80
66	-9	10.20	-1.67	5.96	-----	-----	Zero	50.35	1118	0.006837
	660	0.186	0.299	696	393	2088	0.002331	520	3.74836E-07	
55	124	5890	0.077174	0.623	0.809	5144	8392	107408	-130	-106
29	-9	10.27	-1.59	6.15	-----	-----	Zero	50.39	1126	0.006929
	675	0.186	0.299	702	396	2085	0.002297	528	3.78771E-07	
55	124	5831	0.076540	0.623	0.809	3772	8264	107679	-134	-113
57	-9	10.30	-1.67	6.35	-----	-----	Zero	50.61	1127	0.006959
	677	0.186	0.299	702	396	2085	0.002293	528	3.79202E-07	
55	125	5751	0.075509	0.623	0.809	2549	7625	106225	-143	-111
64	-9	10.21	-1.74	6.22	-----	-----	Zero	50.56	1127	0.006867
	668	0.186	0.299	702	396	2084	0.002290	529	3.79479E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
55	125	5822	0.076473	0.623	0.809	2789	8464	106646	-144	-103
71	-9	10.21	-1.74	6.22	-----	-----	Zero	50.55	1127	0.006897
	671	0.186	0.299	702	396	2084	0.002290	529	3.79567E-07	
55	124	2829	0.037111	0.623	0.809	766	4840	59258	-70	-58
73	-9	7.09	-0.82	3.81	-----	-----	Zero	50.23	1128	0.003827
	373	0.186	0.298	703	396	2085	0.002289	529	3.79732E-07	
55	124	4611	0.060523	0.623	0.809	3449	7282	86051	-98	-85
75	-9	8.98	-1.23	5.23	-----	-----	Zero	50.45	1127	0.005561
	541	0.186	0.299	702	396	2084	0.002290	529	3.79551E-07	
55	125	6186	0.081198	0.623	0.809	2018	7095	114530	-160	-121
77	-9	10.66	-1.95	6.64	-----	-----	Zero	50.56	1128	0.007402
	720	0.186	0.299	702	396	2084	0.002289	529	3.79654E-07	
55	125	6899	0.090656	0.623	0.809	5633	8954	128035	-158	-119
79	-9	11.41	-1.98	7.23	-----	-----	Zero	50.58	1128	0.008284
	805	0.186	0.299	702	396	2084	0.002289	529	3.79706E-07	
57	124	5776	0.075919	0.622	0.808	6143	9156	105219	-129	-61
34	-9	10.16	-1.45	5.94	-----	-----	Zero	50.40	1125	0.006809
	660	0.186	0.299	700	395	2085	0.002298	527	3.78373E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	125	5649	0.074174	0.623	0.809	3384	7589	103975	-133	-74
54	-9	10.10	-1.59	6.05	-----	-----	Zero	50.28	1131	0.006722
	656	0.186	0.298	705	398	2084	0.002273	532	3.81417E-07	
57	125	5695	0.074930	0.622	0.808	2656	5483	106449	-142	-91
68	-9	10.27	-1.68	6.20	-----	-----	Zero	50.28	1132	0.006896
	672	0.186	0.299	705	398	2083	0.002269	533	3.81911E-07	
63	124	5538	0.073019	0.624	0.810	2823	9603	100645	-134	-74
28	-9	9.94	-1.63	5.78	-----	-----	Zero	50.33	1121	0.006534
	630	0.186	0.299	699	394	2074	0.002300	523	3.76192E-07	
63	124	6636	0.087498	0.624	0.810	-658	8913	121949	-206	-103
29	-9	11.15	-2.36	6.80	-----	-----	Zero	50.39	1121	0.007917
	764	0.186	0.299	699	394	2074	0.002299	523	3.76268E-07	
63	124	2759	0.036430	0.623	0.808	1341	1834	59973	-63	-82
45	-9	7.28	-0.74	4.26	-----	-----	Zero	49.87	1123	0.003899
	376	0.185	0.298	700	395	2074	0.002291	525	3.77258E-07	
63	124	5352	0.070705	0.623	0.809	4318	10739	96467	-107	-58
48	-9	9.69	-1.37	5.46	-----	-----	Zero	50.08	1123	0.006275
	605	0.186	0.299	700	395	2073	0.002290	525	3.77397E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
64	125	5864	0.077984	0.622	0.809	4910	16467	101432	-128	36
43	-9	10.10	-1.56	5.30	-----	-----	Zero	50.53	1131	0.006641
	639	0.187	0.301	703	397	2068	0.002253	532	3.81206E-07	
54	123	5003	0.065588	0.623	0.809	1065	-5298	100636	-129	-255
13	-9	10.07	-1.52	6.09	2.03	0	Non-zero mean	50.71	1113	0.006496
	625	0.186	0.300	693	391	2088	0.002352	516	3.72281E-07	
54	123	6639	0.087022	0.623	0.809	11645	28894	108568	-113	150
17	-9	10.10	-1.52	6.00	2.96	-180	Non-zero mean	50.68	1114	0.007007
	674	0.186	0.299	693	391	2088	0.002351	516	3.724E-07	
63	124	7004	0.092579	0.623	0.809	4693	8217	130977	-175	-136
43	-9	11.63	-2.10	7.35	0.02	0	Non-zero mean	50.35	1123	0.008525
	821	0.186	0.300	699	395	2073	0.002292	525	3.7719E-07	
54	123	5423	0.070950	0.623	0.809	3013	2844	103426	-132	-172
19	-9	10.13	-1.57	6.06	0.99	89	1	50.61	1114	0.006662
	643	0.186	0.299	694	392	2088	0.002350	516	3.72509E-07	
54	123	4730	0.061868	0.623	0.809	-306	-8242	99059	-134	-261
21	-9	10.11	-1.57	6.11	2.98	89	1	50.55	1114	0.006379
	616	0.186	0.299	694	392	2088	0.002350	516	3.72497E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	6313	0.082716	0.623	0.809	7951	19510	108040	-128	7
23	-9	10.14	-1.57	6.01	1.99	-90	1	50.62	1114	0.006970
	671	0.186	0.299	694	391	2088	0.002348	517	3.72738E-07	
55	124	5194	0.068047	0.623	0.809	2622	5030	97556	-126	-105
24	-9	9.88	-1.48	5.25	2.85	-91	1	50.39	1125	0.006293
	613	0.186	0.299	701	396	2085	0.002301	527	3.78282E-07	
54	123	5761	0.075536	0.623	0.808	7728	9410	104946	-116	-111
26	-9	10.13	-1.56	6.04	0.99	-1	1	50.52	1115	0.006775
	652	0.186	0.299	694	392	2088	0.002346	517	3.72959E-07	
54	123	5700	0.074712	0.623	0.809	10651	8695	105310	-95	-121
27	-9	10.13	-1.56	6.04	1.99	-1	1	50.59	1115	0.006797
	655	0.186	0.299	694	392	2088	0.002347	517	3.72884E-07	
54	123	5749	0.075314	0.623	0.809	2626	10317	105139	-144	-94
29	-9	10.13	-1.57	6.04	0.99	180	1	50.64	1115	0.006781
	654	0.186	0.299	694	392	2088	0.002347	517	3.72897E-07	
54	123	5834	0.076420	0.623	0.809	-2348	9254	106180	-173	-91
31	-9	10.13	-1.58	6.04	2.98	178	1	50.49	1115	0.006848
	660	0.186	0.299	694	392	2088	0.002346	517	3.72998E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	5870	0.076940	0.623	0.809	9204	9880	106942	-114	-91
50	-9	10.26	-1.67	5.96	1.48	90	2	50.54	1117	0.006901
	666	0.186	0.299	695	392	2088	0.002338	519	3.73916E-07	
54	123	6040	0.079183	0.623	0.809	9177	13375	106692	-117	-53
51	-9	10.26	-1.67	5.96	1.47	58	2	50.49	1117	0.006886
	664	0.186	0.299	695	392	2088	0.002338	519	3.7394E-07	
54	123	6129	0.080324	0.623	0.809	7713	15850	106423	-128	-23
52	-9	10.27	-1.67	5.95	1.48	28	2	50.62	1117	0.006867
	663	0.186	0.299	695	392	2088	0.002338	519	3.73898E-07	
54	123	6127	0.080321	0.623	0.809	5551	15627	106501	-143	-24
53	-9	10.27	-1.67	5.95	1.49	-1	2	50.56	1117	0.006875
	663	0.186	0.299	695	392	2088	0.002338	519	3.7394E-07	
54	123	6201	0.081316	0.623	0.808	3626	18414	106882	-154	5
54	-9	10.27	-1.68	5.95	1.49	-31	2	50.46	1117	0.006901
	666	0.186	0.299	695	392	2088	0.002337	519	3.74034E-07	
54	123	6132	0.080413	0.623	0.808	1230	15960	107439	-167	-20
55	-9	10.27	-1.68	5.95	1.49	-61	2	50.44	1117	0.006937
	669	0.186	0.299	695	392	2088	0.002337	519	3.74079E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	6033	0.079138	0.622	0.808	-643	12063	108270	-173	-57
56	-9	10.27	-1.68	5.96	1.49	-90	2	50.53	1117	0.006992
	674	0.186	0.299	695	392	2088	0.002337	519	3.74089E-07	
54	123	5891	0.077259	0.623	0.808	-273	8747	108510	-168	-91
57	-9	10.27	-1.68	5.96	1.50	-123	2	50.40	1117	0.007007
	676	0.186	0.299	695	392	2088	0.002337	519	3.74085E-07	
54	123	5713	0.074972	0.622	0.808	1184	5811	108304	-154	-123
58	-9	10.26	-1.68	5.96	1.49	-150	2	50.54	1117	0.006998
	674	0.186	0.299	695	392	2088	0.002336	519	3.74216E-07	
54	123	5783	0.075887	0.622	0.808	3903	5433	108132	-142	-128
59	-9	10.26	-1.68	5.96	1.49	-180	2	50.47	1117	0.006987
	673	0.186	0.299	695	392	2088	0.002336	519	3.74194E-07	
54	123	5758	0.075555	0.622	0.808	6058	5643	107951	-130	-130
60	-9	10.26	-1.67	5.96	1.50	149	2	50.41	1117	0.006974
	672	0.186	0.299	695	392	2088	0.002336	519	3.7423E-07	
54	123	5671	0.074296	0.623	0.808	7703	6722	106105	-118	-117
61	-9	10.21	-1.66	5.94	1.48	119	2	50.37	1118	0.006845
	662	0.186	0.298	696	393	2088	0.002333	520	3.74594E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	5791	0.075893	0.623	0.808	8791	9861	105779	-114	-87
62	-9	10.21	-1.66	5.94	1.49	89	2	50.37	1118	0.006826
	660	0.186	0.298	696	393	2088	0.002333	520	3.74634E-07	
55	124	5860	0.076873	0.623	0.808	8423	10225	105510	-117	-72
23	-9	10.18	-1.71	5.87	1.48	88	2	50.28	1124	0.006815
	662	0.186	0.298	700	395	2085	0.002303	526	3.78009E-07	
55	124	5591	0.073442	0.622	0.808	9198	5118	105443	-98	-142
25	-9	10.20	-1.51	6.21	1.48	90	2	50.33	1126	0.006820
	662	0.186	0.299	701	395	2085	0.002298	527	3.78641E-07	
55	124	5679	0.074398	0.623	0.809	11265	5200	106194	-88	-141
26	-9	10.20	-1.52	6.21	1.99	86	2	50.36	1126	0.006850
	667	0.186	0.298	702	396	2085	0.002297	527	3.78734E-07	
55	124	5727	0.075045	0.623	0.809	9730	6768	107788	-100	-127
30	-9	10.27	-1.58	6.16	0.99	88	2	50.38	1126	0.006954
	677	0.186	0.298	702	396	2085	0.002297	527	3.7873E-07	
55	124	5820	0.076245	0.623	0.809	9797	9230	107471	-103	-104
31	-9	10.26	-1.58	6.16	0.99	58	2	50.29	1126	0.006933
	675	0.186	0.298	702	396	2086	0.002297	527	3.78747E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
55	124	5901	0.077307	0.623	0.809	8682	10969	107207	-111	-87
32	-9	10.26	-1.58	6.16	0.98	29	2	50.38	1126	0.006916
	674	0.186	0.298	702	396	2085	0.002297	528	3.78764E-07	
55	124	5910	0.077453	0.623	0.809	7152	11143	106883	-119	-83
33	-9	10.26	-1.58	6.15	1.00	0	2	50.32	1126	0.006897
	672	0.186	0.298	702	396	2085	0.002298	527	3.78693E-07	
55	124	5924	0.077646	0.623	0.809	5535	11158	107194	-130	-85
34	-9	10.27	-1.58	6.15	0.98	-32	2	50.37	1126	0.006918
	674	0.186	0.299	702	396	2085	0.002297	528	3.78802E-07	
55	124	5894	0.077252	0.623	0.809	4179	9527	107272	-137	-97
35	-9	10.27	-1.58	6.15	0.99	-61	2	50.35	1126	0.006923
	674	0.186	0.298	702	396	2085	0.002297	528	3.78792E-07	
55	124	5853	0.076715	0.623	0.809	3297	7612	107874	-140	-116
36	-9	10.27	-1.58	6.16	0.98	-92	2	50.33	1126	0.006962
	678	0.186	0.298	702	396	2085	0.002297	528	3.78807E-07	
55	124	5772	0.075668	0.623	0.809	3366	6056	108074	-138	-132
37	-9	10.27	-1.59	6.16	1.00	-120	2	50.36	1126	0.006975
	679	0.186	0.298	702	396	2085	0.002297	528	3.78784E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
55	124	5701	0.074724	0.623	0.809	4300	3780	108268	-131	-155
38	-9	10.26	-1.59	6.16	0.98	-151	2	50.22	1126	0.006987
	680	0.185	0.298	702	396	2086	0.002297	527	3.78743E-07	
55	124	5654	0.074136	0.623	0.809	5616	3051	108391	-121	-162
39	-9	10.26	-1.58	6.16	0.99	179	2	50.38	1126	0.006997
	681	0.186	0.299	702	396	2085	0.002297	528	3.78801E-07	
55	124	5710	0.074838	0.623	0.808	8092	3745	108443	-108	-159
40	-9	10.26	-1.58	6.16	0.98	146	2	50.11	1126	0.006999
	681	0.185	0.298	702	396	2086	0.002297	528	3.78833E-07	
55	124	5696	0.074691	0.623	0.808	8953	5088	108022	-103	-146
41	-9	10.26	-1.58	6.16	0.99	120	2	50.18	1126	0.006974
	679	0.185	0.298	701	396	2085	0.002297	528	3.78809E-07	
55	124	5693	0.074687	0.623	0.809	9324	5474	107694	-100	-140
42	-9	10.26	-1.58	6.16	0.99	88	2	50.35	1126	0.006956
	677	0.186	0.299	701	396	2085	0.002296	528	3.78895E-07	
57	125	5656	0.074274	0.623	0.809	1091	5008	105835	-163	-102
55	-9	10.19	-2.22	6.14	1.48	88	2	50.27	1131	0.006843
	668	0.186	0.298	705	398	2084	0.002273	532	3.81456E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	125	5726	0.075178	0.623	0.809	1008	6621	105717	-162	-87
56	-9	10.20	-2.19	6.21	1.48	58	2	50.23	1131	0.006834
	667	0.186	0.298	705	398	2084	0.002273	532	3.81463E-07	
57	125	5736	0.075350	0.623	0.809	1217	7374	105539	-151	-82
58	-9	10.20	-1.84	6.47	1.48	-1	2	50.31	1131	0.006826
	666	0.186	0.299	705	398	2084	0.002272	532	3.81502E-07	
57	125	5705	0.074922	0.623	0.809	1121	6069	105657	-146	-95
59	-9	10.20	-1.61	6.52	1.48	-32	2	50.23	1131	0.006832
	667	0.186	0.298	705	398	2084	0.002272	533	3.81534E-07	
57	125	5648	0.074209	0.623	0.808	1178	3339	106680	-140	-122
60	-9	10.23	-1.41	6.63	1.48	-62	2	50.23	1131	0.006902
	673	0.186	0.298	705	398	2084	0.002272	533	3.81592E-07	
57	125	5673	0.074545	0.623	0.808	577	2217	107805	-143	-129
61	-9	10.28	-1.41	6.57	1.48	-92	2	50.29	1131	0.006975
	680	0.186	0.299	705	398	2083.6	0.002271	533	3.8164E-07	
57	125	5702	0.074932	0.623	0.808	2412	4336	107787	-135	-99
62	-9	10.28	-1.35	6.18	1.47	-122	2	50.23	1131	0.006974
	680	0.186	0.298	705	398	2084	0.002271	533	3.81646E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	125	5796	0.076205	0.623	0.808	4532	6427	107900	-126	-72
63	-9	10.29	-1.35	5.90	1.48	-152	2	50.20	1132	0.006985
	681	0.186	0.298	705	398	2084	0.002271	533	3.8169E-07	
57	125	5736	0.075440	0.623	0.808	6804	4485	107747	-110	-93
64	-9	10.29	-1.35	5.90	1.49	179	2	50.15	1132	0.006978
	680	0.185	0.298	704	397	2084	0.002271	533	3.81728E-07	
57	124	5820	0.076512	0.623	0.808	6494	5874	108455	-124	-85
65	-9	10.33	-1.64	5.89	1.49	148	2	50.10	1132	0.007020
	684	0.185	0.298	705	398	2084	0.002270	533	3.81771E-07	
57	125	5787	0.076050	0.623	0.808	6424	6333	107976	-126	-78
66	-9	10.33	-1.77	5.88	1.49	118	2	50.18	1132	0.006986
	682	0.185	0.298	705	398	2084	0.002271	533	3.81697E-07	
57	125	5779	0.075990	0.623	0.808	2769	6845	106771	-154	-77
67	-9	10.27	-2.11	6.07	1.48	88	2	50.26	1132	0.006913
	674	0.186	0.299	705	398	2083	0.002270	533	3.81765E-07	
63	124	6766	0.089263	0.623	0.810	5414	9364	124427	-174	-104
30	-9	11.30	-2.36	6.80	1.48	89	2	50.39	1122	0.008083
	779	0.186	0.300	699	394	2073	0.002297	523	3.76466E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
63	124	6874	0.090671	0.623	0.810	5878	12285	124547	-173	-80
31	-9	11.34	-2.34	6.97	1.47	59	2	50.40	1122	0.008089
	780	0.186	0.300	699	394	2074	0.002297	523	3.76473E-07	
63	124	6850	0.090403	0.623	0.810	3643	9379	126454	-183	-116
32	-9	11.43	-2.34	7.31	1.49	29	2	50.42	1122	0.008217
	792	0.186	0.300	699	394	2073	0.002297	524	3.76537E-07	
63	124	6880	0.090833	0.623	0.809	3719	10847	125794	-181	-101
33	-9	11.40	-2.15	7.34	1.48	-2	2	50.36	1122	0.008178
	788	0.186	0.300	699	394	2073	0.002296	524	3.76678E-07	
63	124	6960	0.091723	0.624	0.810	5422	10599	127400	-161	-98
34	-9	11.47	-1.81	7.34	1.48	-32	2	50.44	1122	0.008267
	798	0.186	0.300	700	395	2073	0.002297	524	3.76547E-07	
63	124	6829	0.090151	0.623	0.810	1600	5371	130246	-183	-173
35	-9	11.55	-1.92	7.68	1.48	91	2	50.43	1122	0.008466
	816	0.186	0.300	699	394	2073	0.002296	524	3.76602E-07	
63	124	6877	0.090741	0.623	0.810	2516	7799	128449	-175	-126
36	-9	11.45	-1.78	7.26	1.48	-92	2	50.40	1122	0.008345
	805	0.186	0.300	700	395	2073	0.002295	524	3.76789E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
63	124	6904	0.091276	0.623	0.809	3505	9529	128195	-172	-96
37	-9	11.45	-1.78	6.88	1.49	-122	2	50.37	1122	0.008345
	802	0.186	0.300	699	394	2073	0.002295	524	3.7679E-07	
63	124	6920	0.091431	0.623	0.809	7886	10116	129082	-140	-88
38	-9	11.51	-1.63	6.73	1.48	-152	2	50.34	1122	0.008397
	808	0.186	0.300	699	394	2073	0.002295	524	3.7678E-07	
63	124	6932	0.091621	0.623	0.809	2833	6873	130582	-192	-129
39	-9	11.56	-2.22	6.81	1.48	178	2	50.20	1122	0.008497
	818	0.186	0.299	699	394	2073	0.002294	524	3.76885E-07	
63	124	7007	0.092599	0.623	0.809	5511	9652	128933	-177	-88
40	-9	11.51	-2.23	6.57	1.49	149	2	50.35	1122	0.008390
	807	0.186	0.300	699	394	2073	0.002294	524	3.76931E-07	
63	124	6803	0.089869	0.623	0.809	6297	8209	126741	-163	-120
41	-9	11.40	-2.27	6.85	1.48	118	2	50.26	1122	0.008244
	794	0.186	0.299	699	395	2073	0.002293	524	3.76972E-07	
63	124	6916	0.091402	0.623	0.809	4320	7116	129144	-185	-140
42	-9	11.54	-2.50	7.14	1.48	88	2	50.27	1123	0.008403
	809	0.186	0.299	699	395	2073	0.002292	525	3.77107E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
42	123	6129	0.081626	0.619	0.805	803	10697	113126	-145	-17
108	-9	10.69	-1.82	6.41	1.98	28	3	50.05	1122	0.007418
	704	0.186	0.300	695	392	2078	0.002305	524	3.76857E-07	
42	124	6080	0.080996	0.619	0.805	2504	8064	113214	-129	-48
109	-9	10.69	-1.64	6.55	1.97	28	3	50.06	1122	0.007425
	705	0.186	0.300	695	392	2078	0.002304	524	3.76954E-07	
46	124	5709	0.075712	0.622	0.809	4792	12235	100891	-132	-67
29	-9	10.02	-1.60	5.95	1.48	88	3	50.06	1119	0.006588
	630	0.186	0.299	697	393	2067	0.002301	521	3.75164E-07	
46	123	5648	0.074872	0.623	0.808	3019	10900	101500	-139	-75
30	-9	10.02	-1.60	5.95	1.48	58	3	49.93	1119	0.006625
	634	0.186	0.299	697	393	2067	0.002301	521	3.75175E-07	
46	124	5612	0.074408	0.623	0.808	1833	9799	102119	-143	-84
31	-9	10.02	-1.60	6.06	1.48	28	3	50.00	1119	0.006666
	637	0.186	0.299	697	393	2067	0.002302	521	3.75136E-07	
46	124	5599	0.074244	0.623	0.808	1250	7659	103004	-147	-98
32	-9	10.02	-1.60	6.06	1.48	-2	3	50.02	1119	0.006726
	643	0.186	0.299	697	393	2067	0.002301	521	3.75184E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
46	124	5543	0.073536	0.622	0.809	1771	6859	103500	-145	-106
33	-9	10.02	-1.60	6.06	1.48	-32	3	50.11	1119	0.006760
	646	0.186	0.300	697	393	2067	0.002301	521	3.75186E-07	
46	123	5613	0.074335	0.623	0.808	2449	6417	104726	-148	-113
34	-9	10.04	-1.64	6.06	1.48	-62	3	49.84	1119	0.006829
	654	0.186	0.299	697	393	2067	0.002302	521	3.75132E-07	
46	123	5740	0.076047	0.623	0.809	4686	6676	106384	-141	-113
35	-9	10.15	-1.64	6.06	1.48	-92	3	49.95	1119	0.006940
	664	0.186	0.299	697	393	2067	0.002301	521	3.75193E-07	
46	124	5616	0.074432	0.623	0.809	5608	5643	105660	-134	-127
36	-9	10.15	-1.64	6.06	1.48	-122	3	50.10	1119	0.006895
	660	0.186	0.299	697	393	2067	0.002301	521	3.75259E-07	
46	123	5662	0.075049	0.623	0.808	7003	7935	104079	-128	-114
38	-9	10.15	-1.64	6.06	1.47	178	3	49.85	1119	0.006792
	650	0.186	0.299	697	393	2067	0.002300	521	3.75302E-07	
46	123	5712	0.075722	0.623	0.808	6778	9642	103456	-130	-100
39	-9	10.15	-1.64	6.05	1.48	148	3	49.85	1119	0.006753
	646	0.186	0.299	697	393	2067	0.002300	521	3.75346E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
46	123	5733	0.076001	0.623	0.808	5741	10422	103245	-134	-92
40	-9	10.16	-1.64	6.05	1.48	118	3	49.92	1119	0.006739
	645	0.186	0.299	697	393	2067	0.002300	521	3.75284E-07	
46	123	5824	0.077240	0.623	0.808	4576	12007	103139	-139	-73
41	-9	10.16	-1.64	6.05	1.48	88	3	49.88	1119	0.006735
	644	0.186	0.299	697	393	2067	0.002300	521	3.7535E-07	
46	123	5551	0.073621	0.623	0.808	4886	3302	104717	-142	-161
43	-9	10.15	-1.76	6.28	1.48	-152	3	49.86	1119	0.006838
	654	0.186	0.299	697	393	2067	0.002300	521	3.75376E-07	
46	123	5708	0.075673	0.623	0.808	4062	7166	104879	-151	-116
44	-9	10.13	-1.87	5.94	1.48	-142	3	49.76	1120	0.006846
	655	0.185	0.298	697	393	2067	0.002298	522	3.756E-07	
46	123	5638	0.074724	0.623	0.808	4017	5913	104462	-149	-134
45	-9	10.13	-1.87	6.08	1.48	-162	3	49.75	1120	0.006816
	653	0.185	0.298	697	393	2067	0.002298	522	3.75591E-07	
46	123	6144	0.082327	0.619	0.805	3072	14657	110896	-149	-21
89	-9	10.60	-1.65	6.14	1.97	28	3	49.66	1123	0.007317
	691	0.185	0.300	695	392	2066	0.002286	524	3.76999E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
54	123	5763	0.075539	0.623	0.809	4012	9203	105496	-135	-95
36	-9	10.12	-1.60	6.04	0.99	88	4	50.62	1116	0.006808
	657	0.186	0.299	695	392	2088	0.002341	518	3.73647E-07	
54	123	5786	0.075785	0.623	0.809	5271	9156	106996	-138	-100
43	-9	10.26	-1.67	5.97	1.00	-121	4	50.62	1116	0.006900
	666	0.186	0.299	695	392	2088	0.002340	519	3.73766E-07	
54	123	5916	0.077482	0.623	0.809	4514	10263	106882	-138	-82
46	-9	10.26	-1.68	5.97	0.99	149	4	50.60	1116	0.006892
	666	0.186	0.299	695	392	2088	0.002339	519	3.73762E-07	
54	123	6015	0.078822	0.623	0.809	4523	12467	107603	-140	-58
48	-9	10.26	-1.68	5.97	0.99	87	4	50.48	1117	0.006942
	670	0.186	0.299	695	392	2088	0.002339	519	3.73876E-07	
55	124	5870	0.076948	0.623	0.809	4701	10047	106560	-144	-65
22	-9	10.17	-1.69	5.82	1.29	-83	4	50.53	1124	0.006878
	668	0.186	0.299	700	395	2085	0.002305	526	3.77796E-07	
55	125	5698	0.074812	0.623	0.809	4381	6041	107660	-127	-135
56	-9	10.29	-1.67	6.36	1.00	88	4	50.69	1127	0.006959
	677	0.186	0.300	702	396	2085	0.002293	528	3.79203E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
63	124	5559	0.073502	0.623	0.809	3705	6186	103579	-135	-109
27	-9	10.08	-1.63	5.96	1.28	-93	4	50.37	1121	0.006744
	648	0.186	0.300	698	394	2073	0.002300	523	3.76087E-07	
46	123	5587	0.073971	0.623	0.809	2080	8203	103402	-152	-101
49	-9	10.02	-1.77	5.99	1.49	56	5	49.80	1120	0.006741
	646	0.186	0.298	698	394	2067	0.002297	522	3.7569E-07	
46	123	5559	0.073612	0.623	0.809	1860	5309	104097	-154	-131
51	-9	10.09	-1.76	6.03	1.49	-4	5	49.85	1120	0.006787
	651	0.186	0.299	698	394	2067	0.002297	522	3.75691E-07	
46	123	5648	0.074810	0.623	0.809	3191	8472	104028	-147	-109
53	-9	10.09	-1.76	6.03	1.49	-64	5	49.88	1120	0.006784
	650	0.186	0.299	698	394	2067	0.002297	522	3.75754E-07	
46	123	5660	0.074986	0.623	0.808	3080	7503	104024	-146	-115
54	-9	10.09	-1.76	6.02	1.49	-94	5	49.76	1120	0.006786
	650	0.185	0.298	698	394	2067	0.002297	522	3.75788E-07	
46	123	5724	0.075823	0.623	0.808	3151	8617	104054	-144	-97
56	-9	10.09	-1.76	6.03	1.49	-154	5	49.83	1120	0.006787
	650	0.186	0.299	698	394	2067	0.002297	522	3.75712E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
46	123	5699	0.075486	0.623	0.809	3048	9062	104096	-145	-91
57	-9	10.09	-1.76	6.03	1.49	177	5	49.87	1120	0.006789
	651	0.186	0.299	698	394	2067	0.002297	522	3.75717E-07	
46	123	5728	0.075863	0.623	0.809	2603	9470	104264	-147	-86
58	-9	10.09	-1.76	6.03	1.49	146	5	49.80	1120	0.006799
	652	0.186	0.298	698	394	2067	0.002297	522	3.75714E-07	
46	123	5758	0.076261	0.623	0.808	2763	9969	104442	-148	-80
59	-9	10.09	-1.77	6.02	1.49	116	5	49.69	1120	0.006811
	653	0.185	0.298	698	394	2067	0.002297	522	3.75695E-07	
46	123	5654	0.074858	0.623	0.809	2126	6339	104438	-156	-119
62	-9	10.09	-1.77	6.03	1.49	-4	5	49.89	1120	0.006808
	653	0.186	0.299	698	394	2067	0.002298	522	3.75594E-07	
46	124	5715	0.075630	0.623	0.809	2575	8302	104672	-156	-98
65	-9	10.09	-1.76	6.02	1.49	7	5	49.96	1120	0.006820
	654	0.186	0.299	698	394	2067	0.002299	522	3.75467E-07	
46	124	5692	0.075357	0.623	0.809	2942	7839	104413	-154	-103
66	-9	10.09	-1.76	6.02	1.49	-14	5	50.00	1120	0.006806
	653	0.186	0.299	698	394	2067	0.002298	522	3.75524E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
46	124	5613	0.074327	0.623	0.809	2175	6353	104423	-157	-115
67	-9	10.09	-1.76	6.02	1.50	16	5	49.94	1120	0.006808
	653	0.186	0.299	698	394	2067	0.002298	522	3.75529E-07	
54	123	5649	0.073977	0.623	0.809	5659	6732	105443	-130	-125
34	-9	10.12	-1.60	6.05	0.69, 0.80	-172, 17	multiple (3,5)	50.46	1116	0.006798
	656	0.186	0.299	695	392	2088	0.002342	518	3.7345E-07	
54	123	5767	0.075610	0.623	0.808	5394	8365	106359	-138	-94
64	-9	10.20	-1.67	5.95	0.69, 0.80	-170, 20	multiple (3,5)	50.35	1118	0.006866
	663	0.186	0.299	696	393	2088	0.002331	520	3.74787E-07	
54	123	5786	0.075875	0.623	0.808	6368	9183	106952	-132	-87
65	-9	10.19	-1.66	5.97	1.02, 0.99	-180, 27	multiple (3,5)	50.42	1118	0.006905
	667	0.186	0.299	696	393	2088	0.002331	520	3.74788E-07	
55	124	5708	0.074905	0.623	0.809	4704	5314	106733	-125	-144
44	-9	10.22	-1.66	6.40	0.98, 0.99	-160, 90	multiple (3,4)	50.64	1126	0.006897
	671	0.186	0.299	701	396	2085	0.002295	528	3.78994E-07	
55	125	5627	0.073875	0.623	0.809	4374	4600	107208	-124	-148
45	-9	10.22	-1.66	6.41	0.98, 1.00	-160, 60	multiple (3,4)	50.70	1127	0.006930
	674	0.186	0.300	702	396	2085	0.002294	528	3.79118E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
55	124	5603	0.073545	0.623	0.809	4439	3566	107541	-125	-158
46	-9	10.21	-1.65	6.41	0.99, 0.99	-164, 25	multiple (3,4)	50.58	1127	0.006950
	676	0.186	0.299	702	396	2085	0.002294	528	3.79129E-07	
55	125	5633	0.073895	0.623	0.809	4780	3697	108068	-123	-153
47	-9	10.21	-1.64	6.41	0.98, 0.99	-162, -2	multiple (3,4)	50.70	1127	0.006980
	679	0.186	0.300	702	396	2085	0.002294	528	3.79139E-07	
55	124	5604	0.073487	0.623	0.809	4875	2769	107695	-124	-162
48	-9	10.21	-1.64	6.37	0.99, 0.74	-163, -34	multiple (3,4)	50.59	1126	0.006954
	677	0.186	0.299	702	396	2085	0.002295	528	3.79026E-07	
55	124	5522	0.072418	0.623	0.809	5007	3507	106771	-123	-161
50	-9	10.21	-1.65	6.36	0.99, 0.50	-165, -96	multiple (3,4)	50.60	1127	0.006894
	671	0.186	0.299	702	396	2085	0.002294	528	3.79118E-07	
55	125	5594	0.073419	0.623	0.809	4932	3364	106727	-124	-163
51	-9	10.22	-1.65	6.36	0.98, 0.49	-161, -122	multiple (3,4)	50.62	1127	0.006897
	671	0.186	0.299	702	396	2085	0.002293	528	3.79215E-07	
55	124	5519	0.072429	0.623	0.809	4809	3293	106244	-122	-166
52	-9	10.22	-1.65	6.36	0.98, 0.74	-161, -150	multiple (3,4)	50.53	1127	0.006865
	668	0.186	0.299	702	396	2085	0.002293	528	3.79187E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
55	125	5758	0.075634	0.623	0.809	5731	6045	107541	-123	-142
53	-9	10.30	-1.67	6.36	0.98, 0.98	-158, -178	multiple (3,4)	50.68	1127	0.006955
	676	0.186	0.300	702	396	2085	0.002292	528	3.79279E-07	
55	125	5790	0.076014	0.623	0.809	5635	6314	107336	-125	-138
54	-9	10.30	-1.67	6.35	0.98, 0.99	-161, 149	multiple (3,4)	50.70	1127	0.006938
	675	0.186	0.300	702	396	2085	0.002292	528	3.79234E-07	
57	124	5660	0.074439	0.622	0.808	9075	5196	106905	-116	-109
35	-9	10.21	-1.63	6.12	0.99, 0.99	89, -163	multiple (2,3)	50.31	1126	0.006923
	671	0.186	0.299	700	395	2085	0.002296	527	3.78578E-07	
57	124	5651	0.074349	0.622	0.808	9870	4228	107484	-112	-119
36	-9	10.21	-1.63	6.13	0.99, 1.48	88, -163	multiple (2,3)	50.31	1126	0.006963
	674	0.186	0.299	700	395	2085	0.002296	527	3.78698E-07	
57	124	5758	0.075684	0.622	0.808	10954	5674	108193	-108	-102
37	-9	10.21	-1.74	6.05	1.48, 1.48	88, -162	multiple (2,3)	50.24	1126	0.007002
	679	0.186	0.299	701	395	2085	0.002295	527	3.78752E-07	
57	124	5762	0.075702	0.623	0.808	11450	7463	108445	-103	-91
39	-9	10.25	-1.78	6.04	1.98, 0.98	88, -162	multiple (2,3)	50.25	1126	0.007015
	681	0.186	0.299	701	396	2085	0.002294	528	3.78939E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
57	124	5827	0.076485	0.623	0.808	7437	6650	108885	-131	-100
40	-9	10.25	-1.91	6.04	0.99, 1.48	89, -163	multiple (2,3)	50.22	1127	0.007037
	684	0.186	0.298	702	396	2085	0.002292	528	3.79194E-07	
57	124	5487	0.072056	0.623	0.808	4365	4108	103566	-135	-118
42	-9	9.98	-1.67	5.88	0.99, 0.50	-163, -94	multiple (3,4)	50.19	1128	0.006696
	652	0.185	0.298	702	396	2085	0.002287	529	3.79714E-07	
57	124	5494	0.072142	0.623	0.808	5696	4658	104683	-128	-112
43	-9	10.01	-1.67	5.88	1.48, 0.50	-163, -94	multiple (3,4)	50.15	1128	0.006769
	659	0.185	0.298	702	396	2085	0.002288	529	3.7967E-07	
57	124	5724	0.075213	0.623	0.808	5622	6972	108402	-135	-91
44	-9	10.19	-1.79	5.88	1.48, 0.74	-162, -93	multiple (3,4)	50.14	1128	0.007013
	682	0.185	0.298	702	396	2085	0.002287	529	3.79797E-07	
57	124	5850	0.076933	0.622	0.808	6270	9874	107216	-132	-66
45	-9	10.19	-1.62	5.85	0.49, 0.98	-162, -93	multiple (3,4)	50.03	1128	0.006942
	674	0.185	0.298	702	396	2085	0.002285	530	3.80005E-07	
57	124	5693	0.074897	0.622	0.808	4768	7790	105518	-137	-82
46	-9	10.09	-1.68	5.82	0.50, 1.00	-163, -93	multiple (3,4)	50.07	1128	0.006835
	664	0.185	0.298	702	396	2085	0.002285	530	3.80059E-07	

RUN	VKTS	THRUST	CTOS	MTIP	MAT	ROLLRH	PITCHRH	TORQ	SIDERH	DRAGRH
POINT	ALFSC	COLLA	LATA	LONGA	Flap 1 Amp	Flap 1 Phase	Flap 1 Harm	Q	CSND	CPOS
	HP	MTUN	MU	OMR	RPM	PS	RHO	TSR	VISC	
63	154	2646	0.035883	0.619	0.850	-12	4067	80265	-57	117
51	-12	10.44	-0.63	5.21	-----	-----	Zero	76.67	1124	0.005359
	500	0.231	0.375	696	393	2048	0.002257	526	3.77999E-07	
63	155	4822	0.065221	0.620	0.851	5451	8968	108552	-80	87
56	-9	11.35	-0.87	6.75	-----	-----	Zero	76.43	1127	0.007230
	679	0.231	0.373	698	394	2047	0.002247	528	3.79229E-07	

Appendix C- Trim Dynamic Data

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 165	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque, in-lb	in-lbf	drag
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DAGRHR	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

RUN	POINT	Harmonics															
52	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.56	0.46	0.71	-3.42	-2.83	-0.90	0.23	0.49	0.11	0.07	-0.09	0.20	0.23	0.09	0.10	-0.11
ACT1FORCE_SIN		0.00	9.09	1.93	0.23	0.07	-0.87	-0.42	-0.22	0.08	-0.01	-0.10	0.09	0.16	0.16	0.11	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.36	-15.03	-14.28	30.04	27.28	7.57	-4.32	0.00	0.01	-0.02	0.02	0.02	0.02	0.00	-0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-70.23	-14.16	-3.69	-0.96	6.31	5.60	-0.03	-0.03	-0.02	-0.02	0.00	0.03	0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.50	15.11	14.34	-30.07	-27.34	-7.63	4.29	-0.01	0.00	0.02	-0.01	-0.01	-0.02	0.00	0.02	0.02
FA1OBVOLTAGE_SIN		0.00	70.35	14.21	3.76	1.02	-6.29	-5.63	0.01	0.02	0.02	0.02	-0.01	-0.02	-0.01	-0.01	0.01
MRBLD1CB42P75_COS		-4178.18	-1270.21	-58.98	212.01	-1.84	-34.70	-23.11	-54.73	26.04	21.24	-11.84	5.87	7.81	-7.79	-46.67	0.01
MRBLD1CB42P75_SIN		0.00	208.40	-73.49	34.73	16.01	-9.69	8.49	83.02	-12.71	35.65	-29.43	-41.03	-24.36	-20.23	-33.48	-31.15

RUN	POINT	Harmonics															
52	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2703.70	-621.28	278.45	156.19	43.64	-5.65	-65.01	-45.11	9.33	25.41	12.56	3.65	1.12	-3.41	-29.93	-10.42
MRBLD1CB70_SIN		0.00	145.58	-78.25	44.25	102.31	3.57	13.88	64.45	3.11	34.54	-22.25	-29.42	-14.25	-9.65	-25.78	-26.95
MRBLD1CB120_COS		-560.57	-167.58	427.85	124.23	42.10	61.92	-46.75	-3.84	-24.85	4.32	21.54	6.39	-5.27	-1.47	7.41	7.72
MRBLD1CB120_SIN		0.00	138.18	-125.32	-28.18	102.82	19.61	7.21	18.32	1.14	-16.72	24.27	17.31	7.41	7.46	2.26	-3.51
MRBLD1CB164_COS		-1993.60	-66.04	143.14	7.00	-27.78	22.56	-16.97	20.09	-16.41	1.91	5.92	6.81	2.03	-1.09	7.42	-2.81
MRBLD1CB164_SIN		0.00	83.91	-42.87	-3.71	43.89	18.84	-3.19	-17.76	-3.63	-28.13	23.18	22.16	8.82	4.96	18.05	21.53
MRBLD1FB42P75_COS		3146.72	50.96	-445.69	293.24	-185.48	53.10	16.68	-19.48	-9.55	23.28	17.56	15.10	5.42	-19.74	-82.95	-36.20
MRBLD1FB42P75_SIN		0.00	-100.66	-96.31	55.99	-4.49	49.25	19.62	165.16	-40.71	-42.37	-11.68	-51.51	-31.72	-4.45	34.58	-55.84
MRBLD1FB70_COS		407.63	-91.91	-235.89	60.68	-73.58	11.03	7.32	1.41	-0.27	0.46	-2.91	-3.98	-1.31	2.42	17.99	7.33
MRBLD1FB70_SIN		0.00	-144.06	-28.74	10.76	-18.28	4.57	3.84	33.07	-2.20	2.02	1.93	2.22	2.36	0.71	-4.93	12.78
MRBLD1FB87_COS		-82.67	-49.02	-186.14	3.02	-54.70	-12.04	-4.20	3.31	4.97	-0.36	3.06	1.71	0.50	3.56	16.62	6.41
MRBLD1FB87_SIN		0.00	-137.26	12.87	39.45	0.57	-1.74	-4.44	-18.15	1.56	6.21	4.77	14.04	9.41	3.34	-6.38	10.88
MRBLD1FB120_COS		-471.61	-39.35	-263.29	-14.14	-13.36	-15.06	-5.75	0.63	-1.08	-1.85	-2.02	-0.23	1.31	-1.86	-23.33	-9.23
MRBLD1FB120_SIN		0.00	-177.30	36.71	96.04	35.57	7.51	2.28	-41.17	9.19	-1.70	-9.66	-11.24	-8.48	-5.95	7.30	-15.72
MRBLD1FB164_COS		-90.52	-2.34	-388.48	65.75	167.17	39.66	35.34	0.89	1.56	5.39	2.90	4.26	7.23	4.32	9.32	4.34
MRBLD1FB164_SIN		0.00	-232.60	20.21	90.91	51.65	-27.93	-14.56	42.38	-13.44	7.47	14.03	16.32	5.84	-0.66	-3.74	12.68

RUN	POINT	Harmonics															
52	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.05	1.26	-230.25	53.86	140.20	30.76	15.57	-0.41	2.05	2.69	8.58	5.44	3.62	2.37	-24.92	-7.28
MRBLD1FB180_SIN		0.00	-161.63	7.10	33.99	18.16	-30.92	-15.17	36.32	-22.02	-1.36	2.45	17.55	1.46	-3.20	9.84	-18.55
MRBLD1TOR51_COS		-1385.20	44.74	-26.95	62.08	-15.08	-7.37	9.51	11.85	6.26	2.50	1.32	1.21	2.86	1.33	-7.67	1.43
MRBLD1TOR51_SIN		0.00	-33.24	-10.32	18.87	5.35	5.67	-3.86	37.35	1.29	0.02	-2.28	0.81	1.37	1.16	-1.24	-4.44
MRBLD1TOR71_COS		-244.12	49.72	-33.30	42.14	-9.11	-6.72	10.19	13.70	3.09	-0.62	0.05	0.05	1.50	2.09	-3.47	0.91
MRBLD1TOR71_SIN		0.00	-41.39	-12.99	5.14	0.52	3.65	-1.56	29.65	2.70	-0.17	-1.21	3.46	2.84	2.39	-0.90	-1.82
MRBLD1TOR130_COS		-11.68	48.31	-12.76	27.70	4.98	-7.91	4.98	8.08	1.58	0.19	-0.80	2.97	-0.39	-1.64	-0.05	-2.16
MRBLD1TOR130_SIN		0.00	-34.09	-6.66	0.96	7.46	6.25	1.48	26.02	2.13	2.87	2.54	1.78	0.15	-1.26	-2.92	1.81
MRBLD1TOR164_COS		-212.92	34.53	49.17	6.64	-15.61	-10.92	-5.42	1.52	-0.07	1.98	2.81	1.30	-1.14	-0.46	-2.09	0.72
MRBLD1TOR164_SIN		0.00	-8.61	-0.48	-17.31	-11.35	7.36	3.86	10.80	0.75	1.44	2.64	3.10	0.87	-0.83	-5.11	-1.58
MRFBM1CB26P5_COS		-4738.97	-555.59	-67.41	75.05	6.71	-11.89	11.41	-4.74	4.61	-0.60	-5.08	1.58	2.35	-0.53	-3.37	5.12
MRFBM1CB26P5_SIN		0.00	45.19	-8.12	-9.69	-19.97	-9.85	-3.38	5.83	-7.04	-1.31	-1.80	-0.64	-1.22	-0.62	-2.19	-1.61
MRFBM1FB9_COS		375.26	-124.15	197.02	-61.27	22.53	-1.15	0.01	7.37	-1.59	-1.80	-1.34	-1.79	-1.28	-0.12	1.17	-1.44
MRFBM1FB9_SIN		0.00	-85.02	67.81	-45.85	3.90	-7.47	0.41	-6.56	0.63	-0.76	-0.12	0.89	0.31	0.94	2.50	1.66
MRFBM1TOR26P5_COS		-361.49	91.15	-0.35	0.32	-0.27	0.26	-0.05	0.26	-0.03	-0.03	-0.08	-0.09	-0.01	0.00	0.03	0.00
MRFBM1TOR26P5_SIN		0.00	-65.68	-0.47	0.26	-0.03	0.00	-0.01	0.13	0.17	0.02	0.01	-0.08	0.08	0.03	0.22	-0.01

RUN	POINT	Harmonics															
52	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1333.15	-1205.86	-145.56	225.83	-21.63	-23.87	0.73	-39.18	18.18	16.86	-10.36	9.56	8.34	-6.53	-40.24	7.13
MRPC1CB33P25_SIN		0.00	202.44	-47.92	7.36	-22.29	-3.51	2.28	65.72	-19.88	14.22	-15.76	-27.47	-17.06	-14.46	-26.28	-29.56
MRPC1FB33P25_COS		2332.77	13.33	-331.37	227.13	-149.33	27.62	5.02	-80.09	13.62	42.86	23.12	45.64	24.59	-9.16	-80.70	28.53
MRPC1FB33P25_SIN		0.00	22.69	-137.90	106.55	-40.45	53.06	19.98	119.39	-36.12	-18.45	0.89	-24.88	-16.92	-17.71	-54.27	-63.76
MRPC1TOR25P5_COS		-792.93	-50.01	35.12	-69.08	11.27	1.87	-16.94	-19.98	-7.23	-0.88	-1.12	2.24	-3.08	-2.68	-1.48	0.13
MRPC1TOR25P5_SIN		0.00	96.79	-30.60	-5.06	-0.80	-2.58	4.59	-35.35	-4.11	1.87	1.50	-3.39	-3.45	-3.80	-13.15	-3.20
MRPLK1LOAD_COS		-89.80	9.93	3.34	-7.55	1.83	0.22	-1.99	-2.53	-0.82	0.17	0.06	0.50	-0.51	-0.24	0.48	-0.26
MRPLK1LOAD_SIN		0.00	-11.80	-1.08	-1.36	-0.37	-0.25	0.52	-5.13	-0.48	0.10	0.55	-0.25	-0.52	-0.72	-2.63	-0.41
PITCHRH_COS		12460.69	-8326.74	-551.64	-116.41	-70.81	-457.67	60.78	-43.98	-7.21	71.90	254.77	-33.79	25.61	-20.04	7.49	-409.61
PITCHRH_SIN		0.00	2236.26	-586.02	51.20	82.73	-85.01	300.24	-35.99	-6.45	-71.28	-308.06	-6.58	-1.28	-19.91	-35.27	-217.16
ROLLRH_COS		3075.08	-1794.61	555.71	-73.60	-61.37	2.74	-125.39	7.63	74.33	39.68	116.59	-28.49	38.10	-23.81	84.24	-73.23
ROLLRH_SIN		0.00	-8140.21	-681.29	-64.93	138.08	-458.44	-179.18	8.41	-15.37	61.05	-40.44	-19.30	23.50	7.20	-5.90	-662.61
TORQ_COS		30185.67	485.74	2.05	-16.43	-65.74	136.04	-9.61	0.33	-18.22	0.54	38.19	0.53	-1.17	-1.24	-7.52	-2.49
TORQ_SIN		0.00	541.29	-18.87	9.67	52.33	72.11	5.79	3.05	16.30	-4.88	1.53	5.75	-6.07	6.92	-10.46	26.27
THRUST_COS		5954.39	-64.00	7.25	-0.55	10.26	-18.02	0.18	0.90	1.23	-2.03	-1.44	4.69	-2.32	-0.24	-2.53	-5.23
THRUST_SIN		0.00	-11.91	8.99	9.06	5.78	-38.83	1.26	7.09	0.27	2.18	3.56	-2.52	0.52	0.08	2.34	42.51

RUN	POINT	Harmonics															
52	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.21	-19.83	-15.88	-2.12	-47.98	44.93	9.48	-1.09	-1.33	-2.46	-5.80	1.73	-1.74	0.60	-2.65	2.58
SIDERH_SIN		0.00	191.89	15.00	-0.14	-50.30	13.93	8.84	-0.68	2.32	-2.76	1.05	1.75	-0.67	-0.06	-0.08	19.83
DRAGRH_COS		-226.24	219.61	12.29	2.09	-12.71	7.18	-16.54	0.53	-0.14	-3.81	-10.34	2.63	0.09	1.38	-0.02	17.57
DRAGRH_SIN		0.00	-46.39	19.80	-1.91	16.79	14.35	-36.13	3.34	1.35	2.99	27.49	-2.59	2.35	1.51	1.09	10.06

RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.39	0.63	0.72	-3.32	-2.70	-0.78	0.23	0.55	0.11	0.08	-0.06	0.17	0.29	0.10	0.14	-0.07
ACT1FORCE_SIN		0.00	8.78	2.00	0.33	0.18	-0.97	-0.46	-0.20	0.01	0.09	-0.11	0.08	0.14	0.08	0.11	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.68	-16.42	-13.02	29.57	25.44	6.89	-4.30	-0.01	-0.01	-0.02	0.02	0.01	0.01	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-67.38	-14.91	-4.59	-2.37	8.57	5.97	-0.02	-0.02	-0.01	-0.01	0.00	0.01	-0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.19	16.53	13.10	-29.60	-25.50	-6.98	4.26	0.00	0.01	0.01	-0.01	0.00	0.00	0.01	0.02	-0.01
FA1OBVOLTAGE_SIN		0.00	67.49	14.95	4.69	2.47	-8.54	-6.01	0.01	0.02	0.01	0.01	-0.01	-0.01	0.01	0.00	0.01
MRBLD1CB42P75_COS		-4129.94	-1243.38	-69.12	215.75	-9.37	-43.44	-23.31	-78.27	30.48	26.70	-7.80	2.70	4.06	-11.91	-48.60	-6.49
MRBLD1CB42P75_SIN		0.00	116.71	-86.57	46.68	44.97	-5.20	9.06	79.28	-22.64	29.47	-33.40	-35.46	-21.88	-16.78	-28.09	-26.43

RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2725.51	-606.15	269.16	154.77	33.27	-19.73	-55.46	-62.11	14.67	29.53	13.94	1.96	-0.60	-5.18	-31.56	-13.99
MRBLD1CB70_SIN		0.00	87.41	-88.03	55.63	141.31	5.33	26.75	65.39	-3.80	27.87	-29.64	-24.61	-12.26	-7.13	-20.27	-20.76
MRBLD1CB120_COS		-559.02	-160.89	418.52	119.01	42.00	43.66	-35.75	-17.32	-24.94	2.33	22.05	7.52	-4.17	-0.08	8.03	7.01
MRBLD1CB120_SIN		0.00	113.09	-132.17	-16.38	144.97	15.33	27.64	22.05	3.69	-13.37	26.85	14.88	7.10	6.93	1.85	-4.01
MRBLD1CB164_COS		-1991.90	-62.97	139.60	4.98	-24.19	16.36	-10.95	21.95	-19.95	-1.51	5.71	8.07	2.45	-0.71	8.89	0.34
MRBLD1CB164_SIN		0.00	76.82	-45.41	3.11	62.55	15.54	7.04	-15.17	0.45	-23.65	28.23	18.22	6.69	2.37	14.49	18.34
MRBLD1FB42P75_COS		3123.25	47.88	-453.23	306.18	-126.57	41.24	3.63	-77.08	-10.31	29.73	30.23	11.83	3.06	-20.11	-75.89	-36.93
MRBLD1FB42P75_SIN		0.00	-75.35	-98.97	85.73	36.14	48.90	20.35	186.26	-46.13	-43.46	-10.61	-46.02	-23.88	4.33	40.28	-38.51
MRBLD1FB70_COS		406.54	-94.15	-238.40	64.98	-57.14	7.51	4.86	-8.35	-0.10	1.14	-2.64	-3.59	-0.96	2.70	16.75	7.62
MRBLD1FB70_SIN		0.00	-144.19	-28.97	22.35	-3.15	5.60	4.57	36.41	-3.53	1.92	2.18	2.57	1.90	-0.32	-6.42	9.11
MRBLD1FB87_COS		-81.23	-50.96	-186.30	6.69	-46.52	-11.65	-3.98	8.21	4.77	-1.39	0.80	2.51	0.80	3.55	15.11	6.67
MRBLD1FB87_SIN		0.00	-137.06	13.41	46.27	6.57	-1.41	-4.14	-20.60	1.68	5.88	4.06	12.25	7.63	1.35	-7.33	7.81
MRBLD1FB120_COS		-468.47	-43.29	-262.78	-11.27	-14.19	-11.34	-2.70	15.19	-0.32	-1.43	-2.30	-1.60	1.06	-2.14	-21.66	-10.07
MRBLD1FB120_SIN		0.00	-175.61	38.08	101.98	31.89	7.02	0.81	-46.61	11.50	-1.60	-9.42	-9.76	-6.20	-3.54	8.91	-11.27
MRBLD1FB164_COS		-96.12	-9.57	-389.77	68.84	145.49	37.93	31.32	-21.75	0.76	6.84	3.16	6.26	6.91	3.16	8.70	6.75
MRBLD1FB164_SIN		0.00	-227.43	22.34	97.53	30.62	-28.58	-13.55	50.42	-14.10	7.83	12.73	13.67	3.65	-1.55	-2.96	10.78

RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.71	-1.27	-229.62	56.54	126.24	27.56	11.83	-19.93	1.69	2.08	4.54	6.25	2.91	0.41	-23.92	-9.52
MRBLD1FB180_SIN		0.00	-158.49	7.68	35.69	4.65	-31.61	-14.40	41.88	-25.29	-3.56	-0.74	13.08	0.13	-2.98	10.73	-13.61
MRBLD1TOR51_COS		-1385.98	43.72	-29.79	60.26	-13.51	-6.15	9.23	1.26	6.52	3.31	1.20	1.57	2.57	0.69	-6.85	1.34
MRBLD1TOR51_SIN		0.00	-34.76	-11.30	22.26	6.63	5.19	-3.93	42.73	-0.28	-0.86	-3.27	0.79	1.19	0.54	-1.40	-4.35
MRBLD1TOR71_COS		-244.15	48.72	-35.39	40.21	-8.85	-4.97	10.39	6.55	3.25	-0.23	-0.36	0.68	1.57	1.96	-3.08	0.82
MRBLD1TOR71_SIN		0.00	-41.47	-13.42	7.18	-0.59	3.35	-1.80	34.82	1.90	-0.70	-2.04	3.16	2.55	1.59	-1.14	-2.15
MRBLD1TOR130_COS		-11.34	47.84	-14.09	26.48	3.71	-6.46	5.90	1.86	1.83	0.86	-0.17	2.87	-0.42	-1.42	-0.64	-2.41
MRBLD1TOR130_SIN		0.00	-34.13	-7.05	1.33	4.66	6.02	1.00	29.61	1.37	2.68	2.89	1.31	-0.05	-1.10	-2.14	2.07
MRBLD1TOR164_COS		-211.33	34.85	48.69	5.39	-14.24	-10.44	-4.58	0.56	0.57	2.34	2.67	1.46	-0.89	-0.20	-2.63	-0.54
MRBLD1TOR164_SIN		0.00	-9.30	-0.53	-18.30	-8.56	7.72	4.04	12.79	0.71	1.09	2.44	2.62	1.01	-0.47	-3.93	-0.67
MRFBM1CB26P5_COS		-4714.80	-536.07	-70.45	76.02	4.19	-11.58	8.82	-6.90	4.45	-0.52	-4.14	1.39	2.02	-0.90	-3.35	4.07
MRFBM1CB26P5_SIN		0.00	7.23	-12.77	-9.26	-22.44	-8.14	-5.80	5.10	-7.57	-0.72	-0.12	-0.74	-1.03	-0.48	-2.08	-1.74
MRFBM1FB9_COS		351.41	-115.12	201.52	-62.15	18.27	-0.11	1.29	10.26	-2.02	-2.22	-1.77	-1.71	-1.12	0.10	1.23	-1.00
MRFBM1FB9_SIN		0.00	-56.19	71.25	-55.14	-4.66	-7.01	0.27	-5.45	0.68	-1.07	-0.42	0.72	0.18	0.77	2.19	1.43
MRFBM1TOR26P5_COS		-361.55	90.83	-0.35	0.29	-0.33	0.28	-0.08	0.20	-0.03	-0.03	-0.08	-0.08	0.01	0.00	0.06	0.03
MRFBM1TOR26P5_SIN		0.00	-65.64	-0.45	0.29	-0.09	-0.02	0.01	0.17	0.15	0.01	-0.01	-0.06	0.07	0.03	0.19	-0.01

RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1286.63	-1186.80	-155.21	231.77	-23.26	-29.92	-3.64	-61.68	20.94	20.07	-6.19	6.76	5.07	-10.27	-41.66	0.37
MRPC1CB33P25_SIN		0.00	116.27	-59.95	16.45	-4.06	-0.11	0.47	63.04	-27.01	11.40	-15.43	-23.87	-14.74	-11.49	-21.98	-25.30
MRPC1FB33P25_COS		2311.13	9.91	-338.45	233.04	-110.80	17.41	-4.53	-132.90	15.46	47.82	31.33	39.46	17.67	-16.03	-82.17	12.07
MRPC1FB33P25_SIN		0.00	45.16	-141.93	132.67	7.26	49.24	16.70	113.48	-41.05	-16.50	8.68	-23.17	-13.60	-12.45	-43.21	-54.34
MRPC1TOR25P5_COS		-792.85	-48.10	35.91	-67.74	10.79	-0.72	-16.61	-10.93	-7.49	-1.24	-0.69	1.26	-3.52	-2.45	-3.88	-2.72
MRPC1TOR25P5_SIN		0.00	99.37	-30.68	-7.91	1.38	-2.36	4.77	-41.59	-3.01	2.52	2.91	-3.08	-3.00	-2.34	-10.48	-2.09
MRPLK1LOAD_COS		-89.47	10.00	3.64	-7.37	1.56	-0.01	-1.99	-1.09	-0.87	0.07	0.05	0.32	-0.57	-0.15	0.00	-0.73
MRPLK1LOAD_SIN		0.00	-11.67	-1.00	-1.76	-0.26	-0.16	0.50	-6.04	-0.28	0.24	0.77	-0.33	-0.46	-0.56	-2.22	-0.25
PITCHRH_COS		12336.33	-8328.09	-543.10	-107.19	-60.63	-323.73	-4.85	-40.20	-23.71	45.34	244.91	-39.22	34.20	-14.21	2.68	-430.37
PITCHRH_SIN		0.00	2266.92	-561.25	58.53	84.44	-81.00	299.89	-18.27	-25.17	-66.27	-300.51	-2.52	5.09	-7.22	-39.37	-134.62
ROLLRH_COS		2516.11	-1812.79	553.63	-77.79	-61.96	-108.52	-141.09	-8.06	92.53	43.64	103.86	-19.13	40.60	-44.96	68.38	-155.44
ROLLRH_SIN		0.00	-8128.50	-680.33	-66.17	139.94	-128.59	-173.31	-5.80	-35.56	21.75	-41.64	-29.52	22.25	-1.53	2.49	-620.15
TORQ_COS		30707.44	492.19	4.48	-17.40	-43.35	132.62	-7.43	2.27	-14.56	3.43	33.90	3.00	1.32	-1.86	-8.95	5.49
TORQ_SIN		0.00	539.22	-13.97	9.24	47.29	57.45	6.06	7.05	21.06	-4.30	-3.85	6.95	-7.33	6.39	-8.51	28.15
THRUST_COS		5879.16	-64.48	7.14	-0.09	8.36	-15.10	1.92	4.87	1.73	-1.98	-5.17	5.47	-2.11	-0.19	-1.81	-0.67
THRUST_SIN		0.00	-11.97	8.52	8.86	4.71	-36.96	1.53	7.45	0.70	1.64	2.56	-2.59	-0.29	0.30	1.76	36.53

RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.60	-19.77	-15.51	-1.73	-43.96	29.56	11.08	-1.08	-1.61	-2.33	-5.28	0.99	-1.80	1.28	-2.17	5.13
SIDERH_SIN		0.00	189.72	15.20	0.65	-47.27	-12.04	10.19	-0.12	2.76	-1.16	1.48	2.12	-0.65	0.24	-0.40	18.53
DRAGRH_COS		-227.51	219.35	12.02	1.68	-10.46	36.73	-12.84	1.47	0.68	-1.75	-8.12	3.35	-0.70	1.40	0.24	18.96
DRAGRH_SIN		0.00	-46.62	19.29	-1.65	15.59	19.66	-35.66	4.08	2.02	3.59	25.70	-1.71	3.27	1.28	1.24	5.87

RUN	POINT	Harmonics															
52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.78	0.54	0.71	-3.37	-2.64	-0.86	0.29	0.52	0.13	0.07	-0.10	0.22	0.24	0.12	0.13	-0.09
ACT1FORCE_SIN		0.00	8.75	1.85	0.32	0.09	-0.94	-0.41	-0.18	0.06	0.04	-0.10	0.07	0.17	0.15	0.10	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.09	-15.38	-12.57	30.45	25.15	7.06	-4.05	-0.01	0.00	-0.03	0.01	0.01	0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-67.05	-13.79	-5.22	-0.97	8.53	5.00	-0.02	-0.02	-0.03	-0.03	-0.01	0.00	-0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.80	15.49	12.64	-30.47	-25.21	-7.14	4.01	0.01	0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	67.17	13.82	5.32	1.07	-8.51	-5.03	0.00	0.01	0.02	0.03	0.00	-0.01	0.01	0.01	0.01
MRBLD1CB42P75_COS		-4168.81	-1341.31	-77.34	212.21	7.47	-36.72	-25.04	-76.47	27.18	25.66	-14.45	-6.69	4.21	-8.55	-44.84	1.70
MRBLD1CB42P75_SIN		0.00	126.31	-79.68	40.45	27.58	-2.78	9.22	79.31	-19.31	32.40	-22.06	-41.51	-21.71	-16.76	-33.18	-25.78

RUN	POINT	Harmonics															
52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2704.68	-662.77	268.71	156.06	57.81	-9.99	-58.07	-60.93	10.65	29.95	13.45	-4.06	0.42	-4.23	-29.30	-7.37
MRBLD1CB70_SIN		0.00	87.70	-87.21	46.18	120.77	5.63	19.57	64.91	-1.83	30.77	-20.27	-27.70	-12.26	-8.11	-23.45	-22.01
MRBLD1CB120_COS		-558.77	-177.06	422.81	123.28	60.45	56.00	-38.54	-16.68	-27.33	0.29	24.42	13.82	-3.15	-0.71	7.72	7.16
MRBLD1CB120_SIN		0.00	108.19	-136.07	-26.62	119.08	13.07	14.88	22.59	2.71	-12.61	21.36	17.90	6.66	6.71	1.99	-3.05
MRBLD1CB164_COS		-1992.49	-65.24	142.07	5.83	-17.35	21.30	-10.40	22.28	-19.23	-3.48	6.30	12.40	2.42	-0.43	7.70	-3.21
MRBLD1CB164_SIN		0.00	74.82	-46.07	0.89	50.64	14.66	1.12	-15.10	-1.27	-24.76	21.39	21.36	7.14	4.31	16.20	17.57
MRBLD1FB42P75_COS		3150.92	71.70	-460.02	291.31	-153.87	50.73	0.65	-72.35	-14.19	21.82	21.60	8.91	5.77	-15.79	-82.10	-26.15
MRBLD1FB42P75_SIN		0.00	-80.23	-90.86	87.69	-9.55	54.49	22.83	188.96	-40.04	-32.48	1.05	-49.40	-26.19	-0.46	30.32	-49.11
MRBLD1FB70_COS		409.66	-92.08	-239.67	59.52	-63.27	10.22	3.99	-7.94	-0.47	1.12	-2.61	-4.10	-1.56	1.83	17.56	5.20
MRBLD1FB70_SIN		0.00	-143.46	-26.05	23.08	-18.43	6.60	4.76	37.21	-2.38	2.54	2.52	2.72	2.05	0.13	-4.22	11.27
MRBLD1FB87_COS		-82.21	-50.42	-187.26	2.09	-49.98	-12.20	-3.74	7.55	5.44	0.22	2.55	3.90	0.88	3.18	16.77	4.28
MRBLD1FB87_SIN		0.00	-135.81	15.31	47.21	0.22	-1.03	-4.34	-20.48	0.84	3.76	0.97	12.95	8.18	2.66	-5.14	9.86
MRBLD1FB120_COS		-472.26	-44.02	-263.21	-14.97	-13.31	-13.82	-1.52	13.86	0.13	-1.77	-2.19	-1.38	1.28	-1.45	-23.67	-6.19
MRBLD1FB120_SIN		0.00	-173.15	42.24	104.18	34.57	7.05	-0.06	-47.92	10.29	-1.41	-8.50	-10.58	-7.12	-5.20	5.40	-14.21
MRBLD1FB164_COS		-91.23	-11.46	-393.35	66.99	150.86	35.00	30.16	-20.23	-0.08	6.47	3.17	6.33	7.30	3.99	10.21	3.21
MRBLD1FB164_SIN		0.00	-222.88	26.71	93.19	51.46	-31.06	-10.89	53.13	-13.23	9.11	11.55	15.56	5.29	-0.73	-2.43	11.18

RUN	POINT	Harmonics															
52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.49	-2.60	-232.21	55.90	129.27	27.94	11.01	-18.25	1.34	4.26	8.15	11.16	5.36	1.76	-25.79	-2.97
MRBLD1FB180_SIN		0.00	-155.28	9.58	31.67	18.16	-33.77	-12.54	43.57	-24.42	-4.48	-5.00	16.20	0.23	-3.12	8.38	-16.11
MRBLD1TOR51_COS		-1383.04	42.92	-30.60	60.27	-13.89	-8.24	6.11	1.59	6.19	2.67	2.15	2.20	3.24	1.17	-7.83	1.13
MRBLD1TOR51_SIN		0.00	-33.77	-10.42	21.46	5.01	6.51	-3.71	44.83	1.26	-0.69	-3.89	1.07	1.52	1.13	-1.84	-2.93
MRBLD1TOR71_COS		-242.40	49.03	-35.93	40.61	-9.11	-7.20	7.59	6.69	3.23	-0.46	0.83	1.36	2.05	1.96	-3.61	0.75
MRBLD1TOR71_SIN		0.00	-40.55	-12.85	6.89	-0.14	4.17	-1.64	36.68	3.17	-0.64	-2.90	3.57	2.86	2.12	-1.10	-1.00
MRBLD1TOR130_COS		-10.18	47.43	-14.68	27.07	3.59	-8.30	3.19	1.82	1.63	-0.07	-1.02	2.78	-0.30	-1.38	0.42	-1.45
MRBLD1TOR130_SIN		0.00	-33.38	-6.80	1.02	7.05	6.63	1.43	31.43	2.60	3.08	2.58	0.81	0.22	-1.04	-2.13	1.18
MRBLD1TOR164_COS		-211.78	34.87	49.32	6.12	-14.19	-11.01	-6.17	0.25	0.55	2.56	3.06	1.74	-0.70	-0.31	-1.33	1.52
MRBLD1TOR164_SIN		0.00	-9.06	-1.55	-18.36	-10.83	8.44	3.72	13.36	0.89	0.93	2.29	2.82	0.94	-0.73	-4.74	-1.43
MRFBM1CB26P5_COS		-4746.25	-584.19	-75.02	76.31	4.31	-11.54	9.10	-6.59	4.61	-1.02	-5.87	1.36	2.10	-0.37	-3.03	4.63
MRFBM1CB26P5_SIN		0.00	10.09	-9.43	-9.46	-21.29	-7.64	-3.87	4.97	-7.27	-0.70	-0.03	-1.14	-0.95	-0.15	-2.70	-1.11
MRFBM1FB9_COS		381.74	-95.16	206.25	-58.39	18.41	-0.40	1.10	10.42	-1.60	-1.80	-1.20	-1.62	-1.09	-0.11	1.05	-1.31
MRFBM1FB9_SIN		0.00	-75.41	66.43	-53.77	2.27	-7.74	0.00	-5.66	0.70	-1.03	-0.53	0.99	0.19	0.73	2.37	1.14
MRFBM1TOR26P5_COS		-361.42	91.23	-0.30	0.32	-0.29	0.23	-0.08	0.21	-0.02	-0.01	-0.05	-0.09	-0.01	0.00	0.02	-0.01
MRFBM1TOR26P5_SIN		0.00	-65.61	-0.45	0.30	-0.05	0.00	0.01	0.17	0.16	0.01	-0.01	-0.04	0.06	0.03	0.19	0.00

RUN	POINT	Harmonics															
52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1315.51	-1274.69	-164.08	226.79	-16.16	-25.02	-4.36	-59.56	18.43	17.37	-12.83	1.16	5.59	-6.75	-38.75	7.76
MRPC1CB33P25_SIN		0.00	130.10	-51.66	12.46	-17.99	3.24	2.23	63.44	-24.36	13.58	-8.55	-27.90	-14.59	-11.23	-26.83	-24.06
MRPC1FB33P25_COS		2335.39	31.39	-344.79	220.07	-122.53	23.76	-8.18	-130.62	9.53	36.41	18.39	39.27	20.89	-9.82	-76.39	28.16
MRPC1FB33P25_SIN		0.00	42.22	-135.32	131.96	-36.68	57.10	17.69	117.23	-37.97	-12.45	12.51	-27.43	-13.46	-12.12	-55.23	-50.90
MRPC1TOR25P5_COS		-795.02	-45.34	36.48	-67.81	12.14	2.26	-13.32	-10.77	-7.44	-1.10	-2.64	0.02	-3.61	-2.92	-0.57	0.88
MRPC1TOR25P5_SIN		0.00	99.20	-30.41	-6.53	1.14	-3.22	4.44	-43.86	-4.60	2.27	4.24	-4.61	-3.54	-3.12	-11.39	-3.85
MRPLK1LOAD_COS		-89.85	9.96	3.67	-7.37	1.78	0.33	-1.54	-1.15	-0.87	0.06	-0.20	0.23	-0.54	-0.24	0.59	-0.07
MRPLK1LOAD_SIN		0.00	-11.83	-1.11	-1.73	-0.19	-0.37	0.44	-6.33	-0.52	0.13	0.86	-0.54	-0.49	-0.64	-2.22	-0.56
PITCHRH_COS		11938.78	-8332.63	-539.67	-112.70	-79.73	-430.60	-37.13	-42.06	-17.20	77.70	232.01	-30.69	26.05	-1.50	6.56	-365.28
PITCHRH_SIN		0.00	2274.33	-570.50	46.58	85.48	-150.05	264.95	-36.84	-8.54	-64.03	-304.21	-7.29	4.27	-20.83	-31.07	-215.60
ROLLRH_COS		2825.70	-1808.49	544.03	-79.54	-89.14	91.38	-157.32	21.39	88.78	27.37	93.83	-15.52	39.60	-40.07	70.59	-41.01
ROLLRH_SIN		0.00	-8144.34	-703.38	-75.51	148.49	-278.23	-188.20	-0.31	-30.30	59.97	-59.96	-17.27	22.54	2.15	-10.31	-627.18
TORQ_COS		30136.92	490.19	3.56	-19.74	-67.05	131.83	-6.98	-0.57	-18.48	1.88	38.60	2.36	0.73	-2.91	-8.54	1.59
TORQ_SIN		0.00	521.59	-22.52	5.61	43.21	60.32	4.03	6.07	18.36	-5.13	-6.13	7.30	-4.50	4.79	-10.97	24.33
THRUST_COS		5968.80	-63.81	7.46	-0.65	9.43	-16.67	2.90	1.59	1.21	-1.47	-0.59	5.87	-1.69	-1.38	-1.83	-7.72
THRUST_SIN		0.00	-12.30	8.58	9.89	5.96	-41.06	2.85	9.36	0.50	1.57	-2.37	-2.15	-0.29	-0.29	1.75	37.77

RUN	POINT	Harmonics															
52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.12	-22.43	-15.53	-1.47	-40.78	28.01	9.51	-1.07	-1.47	-1.67	-4.80	1.02	-1.73	1.06	-2.23	1.79
SIDERH_SIN		0.00	192.42	15.56	0.01	-55.33	6.66	12.51	-0.70	2.56	-3.06	1.57	1.51	-0.68	0.14	0.01	18.84
DRAGRH_COS		-227.55	220.01	11.73	2.12	-12.56	23.33	-9.12	-1.33	0.97	-3.99	-7.87	2.36	-0.88	0.89	-0.02	15.70
DRAGRH_SIN		0.00	-46.64	19.72	-1.13	14.20	4.48	-34.40	2.44	1.30	2.59	27.91	-1.37	2.37	1.70	0.79	9.54

RUN	POINT	Harmonics															
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.45	0.52	0.50	-3.24	-2.66	-0.64	0.34	0.54	0.08	0.01	-0.04	0.21	0.28	0.07	0.09	-0.09
ACT1FORCE_SIN		0.00	8.43	1.94	0.26	-0.10	-1.01	-0.37	-0.14	0.06	0.04	-0.14	0.06	0.20	0.15	0.10	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.69	-15.68	-11.18	29.99	25.17	6.07	-4.65	0.00	0.00	-0.01	0.02	0.01	0.00	-0.02	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-65.68	-14.48	-4.05	-0.82	8.64	5.45	-0.03	-0.03	-0.02	-0.01	0.00	0.01	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.19	15.78	11.25	-30.02	-25.23	-6.16	4.61	0.00	0.01	0.01	-0.02	-0.01	0.00	0.01	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	65.79	14.51	4.15	0.92	-8.61	-5.49	0.01	0.02	0.02	0.01	-0.01	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4104.47	-1512.75	-69.95	227.98	2.51	-37.91	-23.99	-79.49	29.02	25.78	-34.80	11.24	4.63	-8.93	-33.57	3.77
MRBLD1CB42P75_SIN		0.00	-25.23	-86.12	60.65	22.51	-2.71	10.90	78.55	-14.74	30.43	-23.30	-32.44	-15.93	-15.91	-35.96	-20.90

RUN	POINT	Harmonics															
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.98	-773.15	269.18	168.12	61.04	-14.95	-60.30	-62.50	12.59	30.31	0.80	6.90	0.74	-4.33	-20.40	-3.96
MRBLD1CB70_SIN		0.00	-16.74	-87.90	65.11	115.65	13.68	12.22	64.90	-0.35	29.45	-16.48	-21.44	-10.67	-6.91	-22.50	-17.80
MRBLD1CB120_COS		-548.30	-222.01	420.18	133.65	58.81	46.90	-39.63	-12.85	-28.60	-2.08	34.14	4.58	-2.32	-0.36	7.96	7.64
MRBLD1CB120_SIN		0.00	53.10	-130.23	-11.26	110.38	22.84	-0.25	23.11	1.95	-12.37	18.79	14.32	4.70	6.25	3.38	-1.82
MRBLD1CB164_COS		-1987.98	-75.81	140.58	11.60	-17.13	17.54	-10.46	25.13	-20.82	-6.60	15.27	5.68	2.46	-0.10	3.33	-5.25
MRBLD1CB164_SIN		0.00	59.48	-43.72	7.10	44.75	19.93	-5.67	-14.31	-1.75	-24.65	16.99	17.12	6.60	2.59	14.09	14.46
MRBLD1FB42P75_COS		3120.51	123.88	-450.95	341.20	-198.32	48.33	13.76	-70.78	-15.15	13.13	-2.63	24.45	11.16	-15.36	-74.74	-12.31
MRBLD1FB42P75_SIN		0.00	-51.11	-93.86	112.96	-42.81	25.30	19.32	181.93	-31.08	-27.19	-4.88	-52.48	-22.23	-4.57	4.13	-44.50
MRBLD1FB70_COS		407.62	-90.24	-234.99	77.50	-75.93	9.31	5.85	-7.95	0.06	1.18	-2.80	-4.15	-1.68	1.91	15.52	2.11
MRBLD1FB70_SIN		0.00	-142.82	-28.65	33.65	-27.80	0.34	3.72	35.61	-1.73	2.58	3.20	2.65	1.90	0.89	1.24	10.37
MRBLD1FB87_COS		-82.17	-48.78	-183.91	12.91	-54.38	-11.41	-4.60	6.56	5.10	1.19	7.86	-0.69	-1.02	2.64	15.15	1.92
MRBLD1FB87_SIN		0.00	-132.68	11.88	52.91	-3.75	-1.80	-3.27	-19.81	-0.38	2.93	1.43	13.89	7.21	3.14	0.24	8.68
MRBLD1FB120_COS		-470.90	-43.62	-261.53	-5.99	-11.57	-10.55	-1.68	14.48	-0.50	-1.32	-2.88	1.14	2.33	-0.99	-21.12	-3.03
MRBLD1FB120_SIN		0.00	-164.83	36.26	109.53	34.35	8.22	0.94	-45.43	9.29	-0.92	-8.17	-10.91	-6.63	-5.76	-1.61	-11.94
MRBLD1FB164_COS		-96.86	-9.08	-390.33	75.23	161.88	32.01	27.05	-18.46	0.79	4.34	4.91	2.37	6.67	4.38	9.02	1.86
MRBLD1FB164_SIN		0.00	-209.37	17.67	101.48	67.32	-22.12	-14.42	47.68	-8.83	8.87	11.13	14.98	3.82	-0.34	1.06	9.99

RUN	POINT	Harmonics															
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.25	-0.51	-230.91	58.23	137.22	25.45	8.40	-18.16	2.04	3.27	16.91	1.80	3.41	2.58	-21.52	0.75
MRBLD1FB180_SIN		0.00	-146.61	4.72	35.10	28.72	-27.38	-14.40	39.73	-21.74	-4.78	-5.16	16.66	-2.60	-4.56	-0.31	-11.52
MRBLD1TOR51_COS		-1385.06	40.11	-27.92	63.02	-19.32	-7.35	9.93	0.44	3.65	1.93	4.06	1.24	3.24	0.95	-6.24	0.40
MRBLD1TOR51_SIN		0.00	-35.23	-10.80	29.12	-0.43	0.91	1.00	45.30	1.49	-1.87	-3.36	1.02	1.26	0.97	-3.98	-2.83
MRBLD1TOR71_COS		-244.00	48.47	-33.43	41.63	-13.21	-6.63	10.40	5.69	1.15	-1.03	3.41	-0.30	1.90	1.57	-2.21	0.31
MRBLD1TOR71_SIN		0.00	-39.93	-13.05	12.29	-3.73	-0.43	2.61	37.20	3.09	-1.62	-2.20	3.04	2.42	2.02	-2.02	-0.71
MRBLD1TOR130_COS		-11.53	46.17	-12.61	27.19	1.77	-8.96	5.56	1.39	0.08	-0.76	-1.12	2.93	-0.45	-1.42	0.97	-0.97
MRBLD1TOR130_SIN		0.00	-33.19	-7.52	3.72	7.07	3.33	3.88	31.99	2.86	2.29	1.48	1.48	0.55	-0.81	-0.75	1.56
MRBLD1TOR164_COS		-211.48	33.21	49.53	5.50	-15.91	-10.90	-5.14	-0.39	0.45	2.47	3.27	1.04	-0.79	0.27	0.83	2.12
MRBLD1TOR164_SIN		0.00	-11.24	-1.39	-18.43	-12.68	5.39	5.31	13.46	0.49	1.31	2.75	2.64	0.67	-0.68	-3.37	0.13
MRFBM1CB26P5_COS		-4711.08	-663.94	-70.60	78.45	0.67	-10.93	10.33	-7.26	4.31	-1.37	-7.33	2.40	2.01	-0.31	-1.89	4.35
MRFBM1CB26P5_SIN		0.00	-60.59	-12.12	-6.91	-20.01	-9.20	-1.81	4.70	-6.15	-0.81	-1.92	-1.04	-0.28	-0.61	-3.64	-0.43
MRFBM1FB9_COS		355.57	-16.80	197.75	-68.05	21.87	-1.51	-0.18	10.13	-1.28	-1.50	-0.70	-2.04	-1.04	-0.27	0.43	-1.30
MRFBM1FB9_SIN		0.00	-72.07	68.67	-64.31	7.68	-5.32	-0.27	-5.19	0.59	-0.82	0.25	0.40	-0.05	0.71	2.20	0.70
MRFBM1TOR26P5_COS		-361.39	91.91	-0.30	0.33	-0.27	0.21	-0.02	0.19	-0.04	0.02	-0.02	-0.08	0.01	0.01	-0.05	-0.04
MRFBM1TOR26P5_SIN		0.00	-64.93	-0.36	0.36	-0.09	0.00	0.07	0.18	0.14	0.00	0.03	-0.05	0.04	0.03	0.14	-0.04

RUN	POINT	Harmonics															
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1262.48	-1428.61	-155.92	240.94	-26.96	-23.84	-0.51	-61.15	18.13	15.79	-27.08	13.77	5.98	-6.56	-28.36	9.60
MRPC1CB33P25_SIN		0.00	0.18	-60.21	27.58	-23.88	-0.86	5.29	63.19	-19.56	11.98	-12.64	-22.60	-10.04	-11.22	-30.38	-18.49
MRPC1FB33P25_COS		2306.89	78.28	-339.02	256.86	-150.58	29.96	2.89	-126.44	4.98	28.18	3.81	52.76	22.21	-6.88	-48.73	32.10
MRPC1FB33P25_SIN		0.00	70.14	-136.68	161.33	-73.45	33.53	18.11	112.38	-31.44	-12.84	-5.51	-19.71	-6.78	-14.09	-63.82	-35.59
MRPC1TOR25P5_COS		-795.00	-34.74	29.95	-69.09	18.45	1.59	-17.61	-9.06	-4.15	0.00	-6.36	3.04	-3.80	-3.15	3.34	3.50
MRPC1TOR25P5_SIN		0.00	102.07	-28.99	-12.31	5.33	3.28	-0.83	-44.38	-4.72	3.70	2.51	-3.66	-2.50	-3.25	-8.24	-0.76
MRPLK1LOAD_COS		-89.34	10.01	3.38	-7.76	2.64	0.27	-2.10	-0.93	-0.44	0.14	-0.66	0.45	-0.62	-0.31	1.25	0.42
MRPLK1LOAD_SIN		0.00	-11.87	-1.01	-2.63	0.46	0.45	-0.25	-6.40	-0.49	0.34	0.62	-0.43	-0.30	-0.61	-1.45	0.03
PITCHRH_COS		10649.17	-8324.27	-505.66	-118.32	-72.76	-630.61	-38.49	-6.64	-2.63	88.88	253.57	-17.00	28.61	11.23	28.48	-240.12
PITCHRH_SIN		0.00	2275.73	-561.83	23.57	91.90	-239.25	274.20	-11.24	14.13	-55.70	-284.98	-12.04	11.55	-27.75	-22.70	-261.92
ROLLRH_COS		2619.87	-1808.82	546.13	-64.86	-101.71	258.00	-148.96	28.36	69.42	-15.46	123.95	-23.54	36.18	-51.75	34.00	133.83
ROLLRH_SIN		0.00	-8145.89	-691.22	-73.07	149.89	-586.37	-146.88	12.59	-23.66	100.55	-66.20	-8.04	26.92	-18.97	-13.79	-473.87
TORQ_COS		30905.47	476.92	6.38	-21.17	-67.61	136.15	-6.83	4.70	-17.23	0.15	44.39	2.35	1.52	-2.41	-6.95	3.37
TORQ_SIN		0.00	505.00	-19.88	4.87	35.47	52.86	5.27	3.21	12.04	-4.35	-2.95	9.58	-6.26	5.40	-9.18	20.84
THRUST_COS		5888.02	-63.95	8.03	-1.99	8.38	-16.75	2.12	2.47	1.91	-0.92	5.14	5.22	-1.97	-0.09	2.16	-13.86
THRUST_SIN		0.00	-13.09	9.53	8.11	6.19	-30.47	2.06	5.24	1.27	-0.01	1.04	0.28	-0.48	0.57	-0.78	28.70

RUN	POINT	Harmonics															
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.16	-21.13	-15.01	-2.28	-35.48	34.34	8.73	-1.33	-1.19	0.02	-5.93	1.54	-1.72	1.49	-1.16	-3.28
SIDERH_SIN		0.00	193.16	14.62	0.08	-54.82	33.68	10.47	-1.25	2.13	-5.21	1.77	1.14	-0.94	0.83	0.34	14.18
DRAGRH_COS		-236.65	220.02	10.92	1.48	-14.33	9.00	-10.60	-1.50	0.22	-3.56	-9.77	1.47	-1.33	-0.21	-1.28	10.95
DRAGRH_SIN		0.00	-46.78	19.27	-0.49	12.50	-13.26	-35.25	4.09	0.45	2.00	26.01	-2.10	2.57	1.67	0.19	11.98

RUN	POINT	Harmonics															
52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.06	0.64	0.89	-3.25	-2.50	-0.82	0.24	0.57	0.14	0.03	-0.07	0.13	0.29	0.11	0.14	-0.07
ACT1FORCE_SIN		0.00	8.26	1.78	0.53	0.08	-0.98	-0.52	-0.18	0.08	0.09	-0.10	0.02	0.17	0.09	0.14	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.53	-15.20	-13.34	29.76	25.14	6.37	-4.34	0.00	0.00	-0.02	0.02	0.02	0.01	-0.01	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-63.71	-13.86	-4.93	-0.84	8.49	6.35	-0.03	-0.02	-0.02	-0.01	-0.01	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.35	15.31	13.41	-29.79	-25.20	-6.45	4.31	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.01	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	63.82	13.90	5.04	0.95	-8.46	-6.39	0.00	0.01	0.01	0.01	0.01	-0.02	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4115.54	-1408.33	-135.82	242.27	0.54	-32.28	-32.44	-87.60	28.63	22.93	-0.82	-2.91	6.60	-7.70	-44.26	6.57
MRBLD1CB42P75_SIN		0.00	-185.13	-80.21	47.03	56.34	-8.78	5.75	65.65	-28.80	28.78	-33.87	-30.65	-18.24	-14.09	-31.08	-26.02

RUN	POINT	Harmonics															
52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2724.20	-715.09	219.04	174.17	50.34	-5.12	-57.85	-69.94	13.02	24.88	17.47	-2.26	2.16	-3.96	-28.87	-3.25
MRBLD1CB70_SIN		0.00	-110.48	-84.92	62.45	155.25	16.16	21.70	55.78	-9.48	28.40	-30.55	-21.16	-10.66	-5.38	-22.06	-24.19
MRBLD1CB120_COS		-568.12	-206.89	386.26	136.70	62.75	51.14	-32.85	-23.96	-20.71	4.68	18.18	10.34	-4.34	-0.96	7.30	8.14
MRBLD1CB120_SIN		0.00	26.34	-126.08	-6.51	155.99	33.01	27.04	18.07	1.09	-13.06	27.54	12.93	5.62	5.94	2.06	-2.41
MRBLD1CB164_COS		-1990.89	-73.29	131.22	13.60	-12.80	17.62	-5.42	22.22	-16.59	2.28	2.79	10.90	0.65	0.24	8.08	-6.83
MRBLD1CB164_SIN		0.00	55.20	-43.71	9.44	65.77	23.64	8.89	-12.63	0.61	-23.74	28.85	17.04	5.70	1.95	14.55	17.84
MRBLD1FB42P75_COS		3102.87	101.91	-475.23	361.20	-91.34	12.92	-15.64	-114.82	-12.25	30.32	38.72	16.06	10.41	-12.78	-78.84	-17.79
MRBLD1FB42P75_SIN		0.00	6.57	-80.20	96.38	30.27	26.74	26.25	170.72	-56.22	-44.58	-7.55	-39.96	-23.43	0.32	33.23	-59.71
MRBLD1FB70_COS		403.94	-90.18	-244.61	85.75	-44.48	2.52	1.29	-14.35	0.37	1.86	-2.32	-4.09	-2.04	1.43	17.06	3.42
MRBLD1FB70_SIN		0.00	-140.53	-22.72	28.10	-3.91	-0.06	6.37	33.89	-4.87	1.61	1.87	2.57	1.77	-0.33	-5.18	12.94
MRBLD1FB87_COS		-80.85	-48.17	-187.78	16.69	-41.10	-12.52	-2.57	11.28	4.61	-1.67	-1.60	1.22	-0.99	1.90	15.97	3.23
MRBLD1FB87_SIN		0.00	-131.29	15.33	50.33	5.48	-2.97	-3.78	-18.73	3.26	5.71	3.34	10.58	7.64	2.49	-5.76	12.22
MRBLD1FB120_COS		-465.62	-39.76	-262.47	-5.59	-14.45	-10.51	1.72	23.05	-0.45	-1.47	-0.94	0.02	2.64	-0.45	-23.12	-5.19
MRBLD1FB120_SIN		0.00	-165.08	38.41	108.84	29.47	10.02	-3.38	-43.69	13.96	0.04	-8.67	-9.13	-6.76	-5.12	6.54	-17.55
MRBLD1FB164_COS		-105.55	-3.18	-401.17	75.41	129.41	41.76	25.85	-35.91	0.81	6.49	1.56	4.06	5.67	2.74	9.71	2.93
MRBLD1FB164_SIN		0.00	-214.44	27.43	103.11	33.18	-12.64	-8.35	48.30	-16.79	7.97	12.89	13.59	4.78	-1.27	-3.90	12.08

RUN	POINT	Harmonics															
52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.81	4.12	-237.26	59.50	115.72	32.67	6.95	-30.55	2.82	3.69	1.40	6.96	2.13	-0.32	-27.55	-2.82
MRBLD1FB180_SIN		0.00	-151.42	11.34	38.60	8.35	-23.69	-8.96	39.83	-25.90	-2.45	-0.01	11.03	-1.64	-3.98	8.52	-20.27
MRBLD1TOR51_COS		-1386.18	41.33	-39.73	64.01	-11.52	-7.74	6.90	-5.07	6.90	3.02	-0.04	1.28	2.67	0.51	-8.08	3.38
MRBLD1TOR51_SIN		0.00	-34.87	-9.01	22.04	4.70	3.75	-3.98	40.80	0.20	-0.15	-3.42	0.26	0.50	0.12	-3.13	-4.88
MRBLD1TOR71_COS		-243.95	48.79	-42.02	42.22	-8.06	-6.01	8.97	1.94	3.67	-0.22	-1.64	0.50	1.49	1.60	-3.77	1.75
MRBLD1TOR71_SIN		0.00	-37.89	-12.16	6.18	-2.80	2.74	-1.77	34.43	2.80	0.00	-2.26	2.57	1.79	1.09	-2.23	-2.29
MRBLD1TOR130_COS		-11.62	47.22	-19.05	26.65	2.98	-6.55	4.72	-2.25	2.74	1.34	0.06	2.62	-0.10	-0.88	0.84	-2.76
MRBLD1TOR130_SIN		0.00	-31.72	-6.95	-0.83	2.55	6.81	0.98	28.65	1.34	2.53	2.79	1.42	0.18	-0.97	-1.79	2.21
MRBLD1TOR164_COS		-209.32	33.31	48.54	3.80	-11.87	-10.31	-4.68	-0.62	0.51	2.66	3.04	2.17	-0.37	0.24	-1.15	0.82
MRBLD1TOR164_SIN		0.00	-10.02	-1.65	-20.49	-9.77	5.04	3.92	12.93	0.90	1.02	2.42	3.22	1.44	0.13	-3.61	0.00
MRFBM1CB26P5_COS		-4724.33	-610.00	-95.08	81.90	-0.06	-10.99	6.90	-8.10	4.41	-0.55	-3.50	1.16	2.01	-0.51	-3.26	5.05
MRFBM1CB26P5_SIN		0.00	-135.50	-10.78	-13.51	-22.46	-11.50	-5.05	3.30	-7.79	-1.09	0.47	-0.49	-0.72	-0.34	-2.27	-0.62
MRFBM1FB9_COS		303.44	-7.06	222.67	-74.21	13.56	0.88	2.95	11.19	-2.13	-2.05	-1.83	-1.35	-1.05	-0.04	1.08	-1.74
MRFBM1FB9_SIN		0.00	14.09	61.66	-60.82	-5.96	-4.01	0.53	-2.93	1.30	-0.83	-0.56	0.61	0.02	0.68	2.29	0.94
MRFBM1TOR26P5_COS		-365.85	95.36	-0.37	0.33	-0.39	0.25	-0.09	0.19	-0.03	-0.02	-0.11	-0.06	-0.01	-0.01	0.00	0.03
MRFBM1TOR26P5_SIN		0.00	-68.79	-0.37	0.41	-0.20	0.04	0.00	0.20	0.14	0.05	-0.04	-0.08	0.05	0.04	0.19	-0.02

RUN	POINT	Harmonics															
52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1270.68	-1338.43	-217.02	257.53	-18.98	-26.04	-13.09	-70.89	20.30	18.48	-1.45	3.54	7.10	-6.00	-38.66	13.14
MRPC1CB33P25_SIN		0.00	-151.49	-49.86	11.49	1.96	-8.46	0.17	51.09	-31.46	10.75	-14.39	-19.50	-11.66	-9.41	-24.70	-23.50
MRPC1FB33P25_COS		2297.85	49.97	-361.18	275.89	-80.25	0.38	-21.72	-156.34	18.42	48.58	35.89	38.68	22.42	-8.76	-76.86	41.66
MRPC1FB33P25_SIN		0.00	127.49	-131.51	152.39	11.05	23.81	14.12	85.51	-49.88	-16.87	15.67	-16.02	-8.84	-9.60	-50.97	-48.78
MRPC1TOR25P5_COS		-788.89	-39.93	40.68	-71.58	11.20	0.29	-15.17	-4.62	-7.19	-1.12	1.69	1.09	-2.62	-1.91	0.36	-1.24
MRPC1TOR25P5_SIN		0.00	109.12	-35.06	-3.41	4.26	-0.78	3.83	-40.72	-4.55	1.34	3.31	-1.52	-2.14	-1.39	-9.31	-0.48
MRPLK1LOAD_COS		-90.32	10.80	4.72	-7.75	1.44	0.29	-1.71	-0.16	-0.91	0.17	0.36	0.30	-0.45	-0.02	0.76	-0.56
MRPLK1LOAD_SIN		0.00	-13.08	-1.29	-1.60	0.19	-0.07	0.38	-5.96	-0.42	0.01	0.82	-0.14	-0.29	-0.46	-2.04	0.01
PITCHRH_COS		10556.67	-8341.03	-500.25	-90.46	-55.08	-335.53	25.14	-19.43	1.79	46.49	246.61	-48.89	36.65	-22.57	15.10	-346.49
PITCHRH_SIN		0.00	2293.66	-554.89	23.40	78.78	-142.15	238.27	-10.40	-10.41	-62.89	-300.74	-18.16	-2.88	-9.83	-15.41	-168.65
ROLLRH_COS		1135.61	-1839.86	553.75	-59.13	-91.29	-18.16	-116.59	-10.17	87.87	25.21	116.98	-13.35	37.81	-46.21	77.53	-23.26
ROLLRH_SIN		0.00	-8149.07	-658.88	-66.74	150.01	53.74	-171.65	21.78	-10.72	-0.57	-18.09	-32.87	19.29	0.34	-3.21	-641.84
TORQ_COS		30422.35	489.43	6.21	-23.55	-54.25	102.17	-8.83	1.60	-13.29	2.60	30.32	1.12	-1.01	-1.25	-7.98	-5.53
TORQ_SIN		0.00	487.61	-18.74	9.91	46.59	57.98	6.19	6.50	19.28	-4.74	-4.96	9.06	-4.99	5.08	-10.44	22.10
THRUST_COS		5744.70	-64.14	6.50	0.13	8.65	-6.29	0.75	4.20	0.85	0.02	-5.80	6.11	-2.30	0.14	-2.24	-15.98
THRUST_SIN		0.00	-13.09	7.60	8.25	3.77	-24.82	2.86	6.41	0.61	2.35	1.27	-0.82	0.33	-0.37	0.02	38.95

RUN	POINT	Harmonics															
52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.28	-21.86	-15.16	-2.42	-38.00	13.16	9.24	-0.40	-1.79	-1.23	-5.59	0.55	-1.61	1.39	-2.50	1.13
SIDERH_SIN		0.00	194.08	14.47	0.90	-50.33	-14.99	8.31	-0.17	1.79	-0.28	0.33	2.37	-0.43	0.28	-0.19	19.21
DRAGRH_COS		-245.29	220.13	10.42	0.51	-12.76	52.01	-17.01	1.96	1.66	-2.14	-10.54	4.22	-0.75	1.46	-0.50	14.90
DRAGRH_SIN		0.00	-47.21	18.55	-0.20	14.35	4.15	-30.01	2.76	0.53	3.34	26.03	-0.92	2.05	1.06	0.25	7.30

RUN	POINT	Harmonics															
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.94	0.51	0.39	-3.17	-2.75	-0.63	0.23	0.47	0.10	0.00	0.01	0.18	0.29	0.06	0.08	-0.05
ACT1FORCE_SIN		0.00	8.32	1.98	0.39	-0.06	-0.98	-0.54	-0.17	0.03	0.00	-0.11	0.01	0.19	0.11	0.12	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.94	-15.31	-11.16	29.36	26.13	5.75	-3.58	-0.01	0.00	-0.02	0.01	0.01	0.01	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-64.32	-14.98	-4.56	-0.33	8.76	6.25	-0.03	-0.02	-0.02	-0.02	0.00	0.00	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.96	15.39	11.22	-29.40	-26.19	-5.81	3.56	0.00	0.00	0.02	0.00	-0.01	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	64.44	15.03	4.63	0.40	-8.76	-6.28	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4109.82	-1511.28	-63.70	247.58	-4.49	-43.24	-23.53	-50.67	26.39	28.29	-25.44	7.04	5.06	-6.39	-34.06	0.35
MRBLD1CB42P75_SIN		0.00	-208.69	-85.33	48.95	35.37	-2.09	12.06	91.11	-12.91	28.99	-21.69	-27.21	-16.32	-12.56	-25.65	-21.71

RUN	POINT	Harmonics															
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.19	-779.20	268.10	186.66	55.52	-16.50	-60.27	-42.11	12.28	32.96	2.63	4.81	0.09	-2.55	-21.16	-6.56
MRBLD1CB70_SIN		0.00	-133.83	-87.78	58.98	123.15	12.58	20.45	72.66	1.74	25.72	-24.39	-18.96	-9.98	-4.15	-15.48	-17.93
MRBLD1CB120_COS		-550.49	-233.01	413.61	145.87	58.97	47.07	-41.36	-6.06	-26.71	-1.61	29.60	4.96	-2.99	-0.95	6.82	7.17
MRBLD1CB120_SIN		0.00	8.37	-130.36	-12.96	120.94	19.70	9.55	22.16	2.06	-12.12	18.21	11.64	5.59	6.23	1.76	-3.60
MRBLD1CB164_COS		-1986.08	-79.68	135.71	16.76	-17.86	18.27	-12.80	19.18	-19.63	-7.49	12.79	6.36	2.98	-0.61	4.13	-4.10
MRBLD1CB164_SIN		0.00	49.38	-44.50	7.94	51.48	18.52	-1.72	-19.60	-2.45	-21.32	24.30	15.66	6.20	1.06	10.96	15.87
MRBLD1FB42P75_COS		3108.21	132.18	-441.57	372.24	-179.91	39.70	13.59	-16.34	-19.26	17.89	21.50	19.29	12.71	-7.41	-61.53	-22.43
MRBLD1FB42P75_SIN		0.00	6.40	-90.60	88.21	10.52	36.91	17.63	182.47	-25.54	-22.87	3.74	-42.74	-22.30	-2.81	17.72	-41.80
MRBLD1FB70_COS		402.06	-88.48	-231.72	89.16	-72.29	6.51	6.01	2.55	-0.22	1.49	-2.52	-3.86	-2.11	0.63	13.24	4.58
MRBLD1FB70_SIN		0.00	-140.81	-26.77	25.38	-12.00	2.21	2.96	35.05	-1.09	2.61	2.91	2.70	1.94	0.21	-1.97	9.62
MRBLD1FB87_COS		-84.79	-46.78	-181.80	20.47	-52.56	-11.89	-4.28	2.04	5.98	0.51	2.73	0.81	-0.78	1.28	12.35	3.70
MRBLD1FB87_SIN		0.00	-131.21	13.74	49.05	3.32	-0.77	-3.19	-19.59	-1.06	2.24	-0.17	11.15	7.02	2.95	-2.15	8.57
MRBLD1FB120_COS		-470.73	-37.87	-259.04	1.36	-12.37	-9.05	-3.18	0.13	0.30	-2.27	-2.16	-0.12	2.40	0.45	-17.17	-5.27
MRBLD1FB120_SIN		0.00	-164.32	38.95	106.64	32.16	6.99	1.03	-44.32	8.25	-1.21	-7.50	-9.87	-6.58	-5.54	1.52	-12.19
MRBLD1FB164_COS		-105.48	1.06	-378.70	83.30	162.03	37.50	26.90	-0.86	-1.55	6.37	4.05	4.06	6.41	2.20	6.65	4.22
MRBLD1FB164_SIN		0.00	-209.34	21.94	96.69	44.44	-28.32	-17.62	48.12	-7.95	8.74	10.27	12.65	3.27	-0.10	0.59	11.32

RUN	POINT	Harmonics															
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.67	4.31	-223.92	60.44	137.30	27.83	8.92	-1.52	1.39	4.02	8.06	3.17	2.55	3.02	-17.24	-2.80
MRBLD1FB180_SIN		0.00	-147.10	7.78	34.75	14.68	-31.10	-15.61	42.15	-19.62	-5.15	-7.22	12.21	-0.90	-3.14	2.84	-14.21
MRBLD1TOR51_COS		-1385.38	42.05	-27.35	66.84	-16.91	-8.82	8.18	12.65	4.87	2.45	2.57	1.66	3.21	1.31	-5.59	1.03
MRBLD1TOR51_SIN		0.00	-36.26	-9.95	26.19	3.69	3.76	-0.54	43.69	1.92	-1.40	-4.74	0.01	1.02	1.18	-1.94	-3.53
MRBLD1TOR71_COS		-244.48	50.29	-33.27	43.50	-11.07	-7.56	9.09	14.74	2.46	-0.53	1.57	0.39	2.02	1.74	-1.82	1.00
MRBLD1TOR71_SIN		0.00	-39.17	-12.20	10.34	-1.91	1.81	1.02	34.61	3.21	-1.31	-3.69	1.99	2.18	2.05	-0.98	-1.16
MRBLD1TOR130_COS		-12.06	47.33	-12.62	26.92	3.68	-8.93	4.37	9.15	0.73	-0.35	-0.81	2.38	-0.05	-1.46	0.40	-1.38
MRBLD1TOR130_SIN		0.00	-33.32	-6.82	2.29	5.81	5.15	2.79	30.10	2.90	3.08	2.78	1.63	0.45	-0.57	-1.10	1.87
MRBLD1TOR164_COS		-210.13	32.53	47.80	3.33	-15.69	-11.74	-5.18	2.50	0.91	2.40	2.95	0.98	-0.53	0.23	-0.06	1.05
MRBLD1TOR164_SIN		0.00	-11.93	-1.33	-18.60	-10.75	6.78	5.24	12.36	0.38	0.70	2.19	2.70	0.97	-0.24	-3.42	-0.70
MRFBM1CB26P5_COS		-4726.38	-659.78	-65.97	79.98	-0.18	-12.23	10.30	-4.21	3.56	-1.46	-5.40	1.65	2.32	-0.31	-2.02	3.93
MRFBM1CB26P5_SIN		0.00	-150.21	-11.80	-11.04	-18.44	-9.16	-3.40	5.91	-6.04	-0.28	1.23	-0.62	-0.34	-0.24	-2.72	-1.20
MRFBM1FB9_COS		326.76	18.05	188.93	-77.93	21.97	-0.31	0.26	7.84	-1.00	-1.50	-0.88	-1.63	-1.00	-0.21	0.71	-1.13
MRFBM1FB9_SIN		0.00	6.08	65.20	-60.86	0.72	-5.96	-0.08	-7.25	0.40	-0.99	-0.33	0.35	-0.16	0.37	1.78	0.88
MRFBM1TOR26P5_COS		-364.20	95.57	-0.40	0.34	-0.31	0.23	-0.06	0.27	-0.02	0.02	-0.05	-0.06	-0.01	0.02	-0.03	-0.03
MRFBM1TOR26P5_SIN		0.00	-69.21	-0.30	0.39	-0.18	0.03	0.02	0.17	0.14	0.00	-0.03	-0.04	0.05	0.02	0.16	-0.01

RUN	POINT	Harmonics															
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1268.83	-1430.37	-147.27	257.74	-30.45	-29.09	-1.42	-36.24	14.73	17.46	-18.16	9.59	6.65	-4.70	-28.99	5.96
MRPC1CB33P25_SIN		0.00	-165.63	-59.65	14.98	-9.22	0.42	3.27	72.55	-18.47	12.85	-6.47	-18.33	-10.12	-8.18	-20.85	-20.58
MRPC1FB33P25_COS		2298.94	80.10	-333.65	286.91	-147.82	19.59	3.36	-84.77	-0.79	29.08	16.31	43.19	23.29	-3.59	-52.73	24.40
MRPC1FB33P25_SIN		0.00	127.32	-135.45	147.39	-26.15	40.07	17.81	134.05	-29.12	-7.15	14.05	-15.92	-5.19	-6.16	-44.67	-42.82
MRPC1TOR25P5_COS		-791.74	-34.10	24.87	-73.04	14.76	2.74	-15.56	-21.01	-6.23	-1.10	-3.95	1.38	-3.39	-3.37	0.87	1.25
MRPC1TOR25P5_SIN		0.00	108.85	-32.85	-8.56	2.35	0.21	1.20	-41.31	-5.12	3.42	5.20	-1.87	-2.38	-2.07	-8.16	-1.02
MRPLK1LOAD_COS		-90.12	10.66	3.34	-8.10	2.22	0.50	-1.76	-2.63	-0.72	0.03	-0.30	0.19	-0.49	-0.38	0.78	0.13
MRPLK1LOAD_SIN		0.00	-13.24	-0.90	-2.15	0.05	0.02	0.01	-6.01	-0.61	0.30	1.03	-0.23	-0.31	-0.46	-1.62	-0.06
PITCHRH_COS		10080.35	-8335.23	-494.01	-100.37	-64.94	-534.70	6.11	-26.76	-5.98	78.77	220.95	-34.62	32.32	-24.12	23.57	-211.43
PITCHRH_SIN		0.00	2378.98	-539.72	43.22	85.78	-72.94	264.30	-35.81	28.83	-85.95	-265.44	-8.98	8.51	-28.92	-14.93	-216.57
ROLLRH_COS		1197.25	-1892.28	557.33	-48.95	-97.80	45.48	-130.28	40.20	49.67	29.36	105.95	-18.12	44.28	-45.49	14.44	61.60
ROLLRH_SIN		0.00	-8173.53	-667.70	-60.94	150.40	-491.70	-132.95	-14.03	-33.69	52.66	-56.00	-22.60	16.49	17.72	-3.78	-386.77
TORQ_COS		30383.41	490.01	7.23	-21.76	-60.20	140.91	-8.83	-5.98	-17.41	2.36	35.49	1.69	1.68	-2.59	-6.29	2.52
TORQ_SIN		0.00	476.29	-15.62	11.72	40.99	51.17	5.22	6.01	13.48	-5.72	-12.09	7.85	-8.80	6.57	-8.92	20.37
THRUST_COS		5810.31	-64.41	7.17	-1.99	8.22	-14.91	0.59	-2.25	2.37	-1.38	-1.52	5.74	-2.54	0.84	1.78	-9.45
THRUST_SIN		0.00	-12.90	8.33	7.64	5.96	-33.77	2.38	9.88	1.09	1.31	-4.93	-1.32	-1.03	-0.07	-1.41	25.20

RUN	POINT	Harmonics															
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.57	-23.11	-15.42	-3.14	-36.07	38.85	8.78	-1.68	-0.67	-1.73	-5.59	1.13	-1.96	1.42	-0.46	-1.16
SIDERH_SIN		0.00	196.31	14.12	0.52	-54.56	16.06	9.35	-0.09	2.50	-2.57	1.88	1.75	-0.38	-0.38	0.03	11.47
DRAGRH_COS		-247.23	220.84	10.83	0.84	-14.26	11.53	-14.85	1.01	0.52	-4.43	-6.69	2.62	-0.09	1.47	-1.19	9.54
DRAGRH_SIN		0.00	-48.35	18.28	-0.68	14.33	-1.00	-35.36	2.48	0.05	4.51	24.69	-1.74	2.64	1.05	0.13	10.12

RUN	POINT	Harmonics															
52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.94	0.49	0.67	-3.20	-2.69	-0.69	0.24	0.49	0.12	-0.02	-0.03	0.16	0.29	0.08	0.10	-0.06
ACT1FORCE_SIN		0.00	8.41	1.82	0.42	-0.06	-0.89	-0.51	-0.12	0.06	0.00	-0.11	0.00	0.19	0.10	0.17	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.62	-15.12	-12.11	29.03	25.81	6.08	-4.51	0.00	0.00	-0.02	0.03	0.02	0.00	-0.02	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-64.34	-14.27	-4.39	-0.24	8.34	5.90	-0.01	-0.03	-0.03	-0.01	0.00	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		456.27	15.23	12.17	-29.05	-25.87	-6.16	4.47	0.00	0.01	0.02	-0.02	-0.01	0.00	0.02	0.03	0.02
FA1OBVOLTAGE_SIN		0.00	64.45	14.30	4.49	0.35	-8.32	-5.95	-0.01	0.02	0.02	0.02	-0.01	-0.02	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4084.41	-1456.71	-102.76	241.52	-9.20	-34.47	-24.33	-57.97	28.78	28.18	-1.24	0.86	4.63	-7.46	-38.00	5.37
MRBLD1CB42P75_SIN		0.00	-219.49	-76.82	46.68	45.62	-13.91	5.98	77.94	-22.76	29.53	-20.99	-23.15	-15.99	-15.49	-34.98	-20.78

RUN	POINT	Harmonics															
52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.36	-746.18	245.96	176.73	41.85	3.52	-59.24	-49.49	11.42	31.14	16.16	1.28	0.57	-3.29	-25.35	-4.08
MRBLD1CB70_SIN		0.00	-131.94	-82.47	58.88	139.27	7.09	18.74	61.54	-5.50	26.80	-19.66	-15.63	-9.09	-6.45	-21.54	-17.52
MRBLD1CB120_COS		-565.36	-221.60	405.06	136.70	49.71	67.40	-39.86	-12.27	-26.04	2.10	17.50	8.23	-3.29	-0.93	7.30	7.37
MRBLD1CB120_SIN		0.00	20.50	-123.62	-11.05	141.39	21.86	16.76	19.52	0.39	-14.87	17.10	9.34	4.86	6.33	2.55	-1.64
MRBLD1CB164_COS		-1990.40	-76.96	135.95	12.52	-20.46	25.49	-12.79	18.07	-19.27	-3.32	4.48	9.19	3.20	0.31	6.57	-5.43
MRBLD1CB164_SIN		0.00	53.98	-42.58	7.91	58.53	21.44	3.55	-16.07	-1.42	-23.82	18.57	13.02	4.69	2.05	13.66	13.61
MRBLD1FB42P75_COS		3098.85	115.20	-466.28	359.26	-142.71	21.48	10.10	-39.88	-16.14	24.65	33.34	18.79	11.08	-13.69	-79.95	-9.30
MRBLD1FB42P75_SIN		0.00	12.58	-82.33	95.94	23.45	24.16	10.97	171.81	-47.87	-38.54	-14.83	-38.08	-22.02	-4.03	10.96	-48.81
MRBLD1FB70_COS		403.53	-90.84	-240.36	84.64	-61.70	3.06	5.48	-1.69	-0.02	1.84	-2.10	-4.24	-2.17	1.42	16.45	1.65
MRBLD1FB70_SIN		0.00	-141.61	-24.22	28.67	-6.82	-1.19	1.78	32.90	-4.11	1.84	2.49	2.63	1.77	0.17	-1.01	10.62
MRBLD1FB87_COS		-81.83	-48.80	-186.74	17.24	-48.14	-12.62	-4.28	3.63	4.91	-1.06	-0.52	1.12	-0.23	2.84	16.70	1.56
MRBLD1FB87_SIN		0.00	-133.44	13.21	50.75	4.63	-1.48	-2.96	-18.89	1.51	3.99	3.63	9.54	6.99	3.40	-0.55	10.41
MRBLD1FB120_COS		-464.19	-38.50	-263.76	-3.24	-15.29	-9.29	-2.50	5.83	-0.22	-2.40	-1.11	0.06	1.89	-1.43	-23.45	-2.51
MRBLD1FB120_SIN		0.00	-169.36	34.70	107.82	28.48	10.90	1.39	-41.85	12.75	0.44	-8.10	-8.75	-6.07	-5.74	-0.47	-14.84
MRBLD1FB164_COS		-100.97	-0.09	-394.99	78.46	148.25	43.10	26.27	-8.69	-0.97	6.27	1.61	3.63	6.53	3.49	9.88	2.31
MRBLD1FB164_SIN		0.00	-216.55	21.95	100.09	37.95	-18.60	-13.92	46.82	-15.77	7.47	12.23	12.64	4.07	-0.89	0.35	11.95

RUN	POINT	Harmonics															
52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.06	2.96	-235.23	58.48	127.76	30.45	7.78	-9.19	1.32	3.46	2.06	4.73	2.86	0.42	-25.75	0.27
MRBLD1FB180_SIN		0.00	-151.20	8.67	37.18	13.99	-25.94	-13.51	40.18	-24.23	-5.15	-0.32	9.53	-1.57	-4.44	-0.28	-17.57
MRBLD1TOR51_COS		-1385.78	41.75	-33.64	63.77	-14.33	-6.73	9.27	8.33	5.34	2.54	0.82	1.73	3.02	0.66	-6.67	2.85
MRBLD1TOR51_SIN		0.00	-36.42	-8.43	24.62	3.90	1.72	-3.85	41.55	-0.07	-1.84	-4.16	-0.08	1.14	0.61	-4.69	-3.90
MRBLD1TOR71_COS		-244.46	49.80	-37.69	41.53	-9.34	-5.63	10.23	11.55	2.50	-0.81	-1.06	0.58	1.84	1.41	-2.36	1.84
MRBLD1TOR71_SIN		0.00	-39.03	-11.29	8.83	-2.62	0.79	-1.49	33.67	2.38	-1.37	-3.13	1.80	2.25	1.48	-2.62	-1.59
MRBLD1TOR130_COS		-11.89	47.66	-15.84	26.50	4.02	-6.71	5.46	6.70	1.59	0.42	-0.05	2.26	0.35	-0.82	0.90	-2.59
MRBLD1TOR130_SIN		0.00	-32.85	-6.22	0.82	4.11	4.97	1.08	28.74	1.40	2.40	2.21	1.53	0.32	-0.80	0.03	2.31
MRBLD1TOR164_COS		-210.40	33.14	48.86	3.59	-13.77	-10.87	-4.25	1.76	0.50	2.47	2.66	1.35	-0.40	0.36	-0.01	0.65
MRBLD1TOR164_SIN		0.00	-10.39	-0.88	-19.44	-10.17	4.97	4.17	11.84	0.37	0.61	2.39	2.96	1.21	-0.34	-3.20	0.35
MRFBM1CB26P5_COS		-4716.59	-632.79	-83.35	81.21	0.69	-14.15	9.62	-4.63	4.60	-1.05	-3.28	1.12	2.10	-0.58	-1.93	4.84
MRFBM1CB26P5_SIN		0.00	-154.24	-8.58	-12.44	-20.14	-11.81	-4.32	5.33	-6.73	-0.50	-0.04	-0.56	-0.58	-0.37	-3.71	-0.57
MRFBM1FB9_COS		312.14	6.49	209.59	-74.35	18.98	-0.26	0.52	8.32	-1.77	-1.99	-1.81	-1.48	-0.98	-0.19	0.57	-1.24
MRFBM1FB9_SIN		0.00	17.36	61.80	-60.80	-2.40	-4.10	0.64	-5.82	1.19	-0.86	-0.53	0.33	-0.04	0.63	2.36	0.60
MRFBM1TOR26P5_COS		-364.26	95.46	-0.36	0.31	-0.33	0.27	-0.07	0.24	-0.03	0.00	-0.10	-0.04	-0.02	0.01	-0.05	0.01
MRFBM1TOR26P5_SIN		0.00	-69.08	-0.32	0.39	-0.21	0.05	-0.02	0.18	0.13	0.01	-0.01	-0.06	0.04	0.03	0.14	-0.03

RUN	POINT	Harmonics															
52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1241.91	-1382.37	-185.96	255.40	-28.07	-29.20	-2.89	-42.97	18.93	20.05	-0.77	6.10	6.04	-5.66	-32.28	11.75
MRPC1CB33P25_SIN		0.00	-179.17	-48.44	12.59	-3.50	-10.91	-1.17	63.16	-26.64	12.21	-9.06	-15.17	-10.24	-10.41	-29.86	-18.68
MRPC1FB33P25_COS		2290.60	63.36	-354.00	275.01	-120.88	9.01	3.01	-98.48	11.30	41.75	36.13	39.47	21.74	-6.30	-58.07	37.16
MRPC1FB33P25_SIN		0.00	132.56	-132.43	151.15	-6.43	24.50	11.33	116.46	-44.83	-15.27	7.23	-12.91	-7.00	-12.35	-63.41	-34.93
MRPC1TOR25P5_COS		-790.72	-36.12	31.21	-70.52	12.46	0.36	-17.60	-17.05	-6.06	-0.60	0.38	0.24	-3.27	-2.69	1.96	-0.45
MRPC1TOR25P5_SIN		0.00	108.95	-36.15	-6.50	3.53	1.60	4.81	-40.19	-3.99	3.35	4.43	-0.89	-2.44	-2.26	-6.10	0.89
MRPLK1LOAD_COS		-89.86	10.68	3.96	-7.69	1.82	0.19	-1.98	-2.00	-0.75	0.14	0.18	0.11	-0.48	-0.22	1.01	-0.35
MRPLK1LOAD_SIN		0.00	-12.98	-1.23	-1.97	0.20	0.29	0.53	-5.86	-0.36	0.36	0.88	-0.09	-0.30	-0.52	-1.19	0.21
PITCHRH_COS		10286.14	-8362.19	-490.48	-100.96	-65.74	-414.00	-1.15	-8.61	-8.59	65.07	235.82	-38.82	18.29	-14.59	35.22	-259.36
PITCHRH_SIN		0.00	2366.53	-535.10	41.05	62.77	-123.67	237.08	-36.11	18.20	-87.75	-278.98	-27.85	3.99	-29.26	-10.96	-207.87
ROLLRH_COS		972.37	-1921.48	561.58	-53.88	-82.66	-4.41	-81.24	21.20	80.02	1.33	125.12	3.67	25.44	-66.09	39.73	48.96
ROLLRH_SIN		0.00	-8201.68	-662.79	-60.97	162.90	-275.32	-168.04	-0.11	-23.59	42.90	-26.55	-27.34	17.97	4.15	-30.31	-419.41
TORQ_COS		30707.14	480.89	8.87	-19.85	-49.07	126.02	-8.04	-6.34	-18.78	2.78	29.09	3.52	0.93	-1.95	-7.14	-2.68
TORQ_SIN		0.00	471.88	-18.66	11.18	43.40	63.94	7.60	3.42	13.67	-7.83	-4.94	9.28	-4.08	4.74	-9.51	24.60
THRUST_COS		5768.42	-63.71	6.63	-0.08	8.12	-10.94	-0.04	-1.25	2.04	-0.70	-8.25	6.41	-0.97	0.07	2.56	-11.20
THRUST_SIN		0.00	-13.73	8.82	7.78	3.71	-26.45	2.18	7.41	1.07	1.55	1.71	-0.10	0.25	-0.43	1.44	28.35

RUN	POINT	Harmonics															
52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.57	-18.44	-15.14	-3.03	-40.16	30.47	5.81	-1.49	-1.44	-0.24	-6.00	-0.24	-1.19	2.05	-1.36	-0.69
SIDERH_SIN		0.00	200.45	13.84	0.91	-51.00	3.99	7.80	0.41	2.19	-2.38	0.56	2.07	-0.39	0.14	0.79	12.73
DRAGRH_COS		-245.39	221.69	10.06	0.65	-12.95	27.06	-13.82	1.91	1.51	-2.48	-8.80	3.49	-0.20	1.41	-1.36	11.84
DRAGRH_SIN		0.00	-49.38	17.99	-0.53	15.32	6.41	-28.79	1.96	-0.86	4.46	24.51	-0.04	1.12	1.85	0.03	9.59

RUN	POINT	Harmonics															
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.96	0.50	0.69	-3.03	-2.63	-0.54	0.29	0.55	0.13	-0.02	0.03	0.17	0.25	0.10	0.07	-0.04
ACT1FORCE_SIN		0.00	8.19	1.90	0.14	-0.05	-0.97	-0.43	-0.06	-0.01	0.03	-0.14	0.04	0.26	0.05	0.12	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.01	-15.46	-12.62	28.54	25.02	5.81	-4.49	0.00	0.00	-0.01	0.02	0.03	0.00	-0.01	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-63.16	-14.07	-3.05	-1.07	7.98	6.26	-0.02	-0.03	-0.03	-0.01	0.00	0.02	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.88	15.53	12.67	-28.58	-25.08	-5.86	4.47	0.00	0.00	0.01	-0.02	-0.02	0.00	0.00	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	63.27	14.12	3.12	1.13	-7.97	-6.29	0.01	0.02	0.02	0.01	0.00	-0.02	0.00	0.00	0.00
MRBLD1CB42P75_COS		-4063.82	-1601.26	-103.64	219.39	-5.46	-40.87	-22.86	-91.79	31.73	20.34	-17.34	20.40	8.83	-7.84	-40.47	3.76
MRBLD1CB42P75_SIN		0.00	-305.09	-94.85	51.14	26.92	-0.13	10.93	57.60	-22.89	27.41	-34.53	-21.49	-12.73	-15.26	-32.38	-24.98

RUN	POINT	Harmonics															
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2752.49	-838.62	243.46	159.81	41.34	-11.77	-53.31	-75.25	13.93	23.05	3.88	13.39	3.36	-3.10	-26.16	-6.57
MRBLD1CB70_SIN		0.00	-183.72	-89.40	58.96	120.03	12.00	18.85	50.11	-6.50	26.65	-24.14	-17.04	-8.51	-6.37	-24.32	-21.65
MRBLD1CB120_COS		-558.74	-257.10	402.92	122.98	42.16	51.22	-33.50	-27.23	-25.07	3.03	26.62	-0.51	-4.05	-0.87	6.71	6.41
MRBLD1CB120_SIN		0.00	2.69	-127.42	-10.66	121.47	21.47	12.24	18.64	0.04	-9.94	26.96	10.20	3.06	5.08	2.67	-1.43
MRBLD1CB164_COS		-1987.53	-84.31	136.45	7.48	-21.71	20.75	-8.97	21.47	-19.76	0.65	13.94	1.38	0.61	-1.14	6.18	-3.90
MRBLD1CB164_SIN		0.00	50.49	-42.90	6.25	50.89	16.62	-1.03	-9.92	-1.22	-20.62	24.18	14.22	3.84	1.10	15.82	16.35
MRBLD1FB42P75_COS		3091.38	160.27	-469.04	308.50	-162.64	40.14	0.18	-124.56	-9.53	29.89	23.31	34.99	13.19	-17.61	-75.83	-18.41
MRBLD1FB42P75_SIN		0.00	24.36	-96.02	105.17	-3.12	51.66	23.14	166.23	-48.63	-38.91	-26.21	-44.95	-23.66	-3.62	24.66	-49.44
MRBLD1FB70_COS		403.67	-88.05	-241.47	67.15	-66.45	7.64	4.19	-16.57	0.78	1.48	-2.82	-4.14	-1.66	2.13	16.14	3.78
MRBLD1FB70_SIN		0.00	-145.07	-29.26	30.23	-15.24	7.38	5.42	32.66	-4.01	2.19	2.77	2.67	2.26	0.51	-3.50	11.06
MRBLD1FB87_COS		-81.63	-46.08	-186.35	7.79	-49.20	-10.70	-3.79	11.80	4.20	-1.80	2.25	-3.42	-1.38	3.07	15.20	3.06
MRBLD1FB87_SIN		0.00	-135.42	11.81	50.24	1.78	-0.87	-3.93	-18.66	1.81	4.66	6.42	11.64	7.08	2.93	-3.67	10.33
MRBLD1FB120_COS		-466.48	-38.65	-263.55	-11.07	-12.08	-10.36	-1.72	26.36	-1.30	-0.89	-2.08	1.33	1.67	-1.43	-21.12	-4.72
MRBLD1FB120_SIN		0.00	-171.04	33.97	102.25	32.93	4.22	-0.34	-41.98	12.33	-0.67	-9.68	-9.45	-6.15	-5.19	3.49	-14.78
MRBLD1FB164_COS		-106.39	-2.31	-400.25	69.90	149.01	32.15	28.90	-33.96	3.09	4.93	1.40	0.25	5.85	4.34	9.43	3.02
MRBLD1FB164_SIN		0.00	-215.91	17.15	94.10	49.94	-27.69	-9.58	44.01	-13.42	8.01	13.82	12.33	3.73	0.06	-0.63	12.04

RUN	POINT	Harmonics															
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.88	3.53	-236.55	56.43	127.28	24.99	10.13	-31.83	4.25	1.04	5.94	-5.97	-0.38	0.74	-23.75	-4.02
MRBLD1FB180_SIN		0.00	-150.12	5.32	32.33	17.03	-27.62	-10.17	35.06	-24.55	-2.97	4.78	11.18	-3.78	-6.34	4.18	-17.49
MRBLD1TOR51_COS		-1387.05	39.72	-33.36	58.85	-17.83	-7.05	13.48	-8.04	4.36	2.57	1.73	0.20	2.21	0.46	-6.88	3.06
MRBLD1TOR51_SIN		0.00	-37.64	-11.63	28.65	1.94	1.24	-0.37	42.06	-0.77	-1.41	-3.07	-0.59	0.08	-0.26	-3.76	-5.52
MRBLD1TOR71_COS		-245.68	49.35	-36.94	38.92	-12.17	-6.10	13.99	-0.36	1.41	-0.54	0.33	-1.73	0.94	1.48	-2.39	1.81
MRBLD1TOR71_SIN		0.00	-39.77	-13.88	12.05	-3.00	-0.74	1.56	36.07	1.57	-0.95	-1.40	1.54	1.27	1.01	-2.28	-2.64
MRBLD1TOR130_COS		-13.22	46.64	-14.52	25.96	1.72	-7.76	8.84	-3.60	1.13	0.80	0.49	2.84	0.12	-1.09	0.82	-2.76
MRBLD1TOR130_SIN		0.00	-33.99	-8.34	4.17	5.46	2.07	3.01	30.00	0.97	2.71	2.06	2.96	0.61	-0.56	-1.18	2.33
MRBLD1TOR164_COS		-210.70	31.78	50.36	5.24	-15.23	-10.98	-3.42	-1.64	0.48	2.59	2.64	0.73	-0.34	0.32	-0.83	-0.17
MRBLD1TOR164_SIN		0.00	-11.35	-1.03	-16.67	-10.21	6.55	4.49	12.99	0.52	1.95	3.45	2.96	0.47	-0.33	-2.91	1.06
MRFBM1CB26P5_COS		-4706.71	-703.22	-84.36	77.29	2.73	-12.88	8.56	-7.68	5.20	-0.41	-3.14	2.13	2.03	-0.83	-2.70	4.74
MRFBM1CB26P5_SIN		0.00	-203.02	-17.21	-7.93	-21.23	-8.72	-2.89	2.64	-6.54	-1.01	-2.44	0.11	-0.29	-0.79	-2.08	-0.86
MRFBM1FB9_COS		308.53	64.87	211.06	-60.88	19.99	-0.12	0.96	11.43	-1.94	-1.87	-1.66	-2.05	-1.10	-0.19	0.84	-1.40
MRFBM1FB9_SIN		0.00	23.46	72.96	-58.89	1.50	-6.93	0.17	-2.29	0.99	-0.89	0.03	-0.12	-0.23	0.76	2.40	0.92
MRFBM1TOR26P5_COS		-364.19	95.97	-0.31	0.32	-0.35	0.26	0.02	0.16	-0.05	-0.01	-0.10	-0.04	-0.02	-0.01	-0.04	0.03
MRFBM1TOR26P5_SIN		0.00	-68.62	-0.22	0.45	-0.19	0.02	0.02	0.20	0.13	-0.02	0.00	-0.10	0.05	0.03	0.15	-0.03

RUN	POINT	Harmonics															
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1221.57	-1509.37	-186.43	235.25	-25.35	-29.61	-3.72	-73.51	21.83	16.06	-10.23	19.22	8.70	-6.49	-34.99	9.92
MRPC1CB33P25_SIN		0.00	-247.24	-67.02	19.80	-18.12	3.52	3.88	45.68	-26.44	11.03	-19.88	-13.21	-8.23	-10.62	-24.89	-22.75
MRPC1FB33P25_COS		2282.42	103.49	-356.42	232.08	-131.30	15.50	-8.71	-161.80	16.87	45.73	34.66	55.51	24.39	-8.95	-67.95	31.66
MRPC1FB33P25_SIN		0.00	145.76	-142.21	150.18	-32.90	51.57	16.70	78.29	-42.83	-13.34	-6.46	-7.59	-6.80	-15.02	-52.55	-43.92
MRPC1TOR25P5_COS		-790.20	-28.06	29.12	-66.59	16.05	0.41	-22.01	-1.45	-4.56	-0.33	-1.45	4.23	-2.18	-1.97	1.18	-1.91
MRPC1TOR25P5_SIN		0.00	110.48	-30.87	-10.81	4.43	2.82	0.83	-42.73	-3.24	3.38	1.79	0.58	-1.21	-1.15	-7.63	1.40
MRPLK1LOAD_COS		-89.58	10.74	4.07	-7.11	2.41	0.16	-2.64	0.25	-0.58	0.17	-0.03	0.46	-0.36	-0.08	1.03	-0.60
MRPLK1LOAD_SIN		0.00	-12.99	-0.84	-2.66	0.32	0.38	-0.10	-6.14	-0.34	0.40	0.64	0.27	-0.19	-0.35	-1.61	0.28
PITCHRH_COS		9306.40	-8364.60	-483.89	-105.07	-70.23	-489.07	-2.65	-8.00	-10.47	55.49	308.46	-38.32	34.20	-21.85	32.18	-351.73
PITCHRH_SIN		0.00	2389.23	-536.57	31.22	76.03	-152.19	231.65	-41.25	1.87	-73.98	-262.57	-15.85	13.07	-16.83	-7.01	-149.78
ROLLRH_COS		830.93	-1936.75	549.82	-54.99	-63.81	77.96	-106.83	3.02	61.81	16.30	141.42	-19.28	27.61	-40.92	60.90	-19.06
ROLLRH_SIN		0.00	-8188.00	-654.23	-55.89	143.61	-347.98	-178.21	-0.88	-24.76	50.64	-24.23	-27.24	24.68	5.92	4.24	-513.88
TORQ_COS		30950.04	487.75	4.79	-20.80	-59.61	134.54	-9.72	-1.11	-19.26	3.05	29.63	1.64	-0.09	-1.18	-10.35	-4.62
TORQ_SIN		0.00	456.29	-15.88	7.95	46.87	53.89	5.74	7.58	13.08	-5.09	2.58	8.51	-5.82	4.27	-11.42	28.14
THRUST_COS		5753.06	-64.49	6.75	0.13	8.64	-14.49	0.95	3.02	2.94	-1.18	-7.96	5.73	-1.75	0.15	-0.66	-8.69
THRUST_SIN		0.00	-11.47	8.46	8.52	3.73	-38.58	2.41	9.15	1.38	1.84	9.85	-0.68	-0.55	-0.70	0.84	31.98

RUN	POINT	Harmonics															
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.94	-17.61	-14.80	-3.26	-39.77	29.64	8.22	-0.67	-1.22	-0.91	-6.63	0.83	-1.33	1.30	-1.88	1.09
SIDERH_SIN		0.00	196.03	13.64	0.44	-48.13	7.03	8.85	0.02	2.10	-2.50	0.67	2.18	-0.64	0.11	-0.23	15.26
DRAGRH_COS		-253.16	221.21	9.97	0.89	-13.20	17.25	-13.58	0.94	1.85	-1.90	-14.32	3.83	-0.70	1.45	-1.38	15.82
DRAGRH_SIN		0.00	-49.12	17.87	-0.89	15.96	2.29	-31.33	1.56	-0.84	4.21	21.78	-1.41	0.90	1.08	0.00	6.38

RUN	POINT	Harmonics															
52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.92	0.67	0.41	-3.10	-2.61	-0.64	0.35	0.52	0.14	-0.02	-0.02	0.14	0.29	0.08	0.06	-0.06
ACT1FORCE_SIN		0.00	8.02	1.99	0.30	0.01	-0.98	-0.55	-0.13	0.02	0.10	-0.09	0.00	0.20	0.07	0.15	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.85	-16.52	-11.71	28.72	25.57	5.34	-5.10	-0.01	0.00	-0.01	0.03	0.02	0.00	-0.02	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-62.81	-14.72	-3.55	-0.57	8.21	6.69	-0.02	-0.03	-0.03	-0.01	0.00	0.02	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.00	16.62	11.78	-28.75	-25.63	-5.41	5.06	0.01	0.01	0.02	-0.02	-0.02	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	62.91	14.76	3.65	0.67	-8.20	-6.74	0.00	0.02	0.02	0.01	0.00	-0.02	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4079.09	-1434.43	-74.92	243.23	-14.32	-43.60	-25.38	-89.60	25.68	27.93	-4.90	-2.77	6.24	-8.19	-39.55	3.49
MRBLD1CB42P75_SIN		0.00	-195.17	-89.79	48.00	45.01	2.14	12.41	95.33	-23.67	26.67	-24.54	-25.66	-17.57	-14.36	-34.49	-18.48

RUN	POINT	Harmonics															
52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.67	-732.48	257.81	180.10	38.84	-17.24	-60.85	-68.63	12.15	30.47	15.29	-1.85	1.44	-4.13	-26.95	-4.02
MRBLD1CB70_SIN		0.00	-118.85	-88.69	59.08	137.00	18.59	25.12	78.89	-4.98	24.42	-25.39	-17.77	-9.42	-5.25	-23.42	-15.47
MRBLD1CB120_COS		-555.02	-215.27	406.87	139.86	44.22	48.48	-43.04	-18.51	-20.55	1.49	19.50	10.48	-4.06	-0.52	8.36	7.04
MRBLD1CB120_SIN		0.00	22.74	-129.48	-12.03	136.90	25.88	18.81	30.80	3.70	-10.49	20.36	10.23	5.90	6.52	2.66	-2.44
MRBLD1CB164_COS		-1986.22	-75.44	134.13	14.70	-22.35	18.81	-12.00	25.92	-16.89	-3.59	4.28	11.55	2.17	0.35	6.29	-5.19
MRBLD1CB164_SIN		0.00	53.02	-43.99	7.50	57.77	19.91	1.62	-15.90	1.87	-19.91	23.61	14.36	5.07	1.01	14.73	12.97
MRBLD1FB42P75_COS		3099.53	110.04	-448.00	359.87	-168.97	40.65	2.10	-87.19	-11.90	28.10	33.76	14.68	9.43	-12.85	-76.82	-11.52
MRBLD1FB42P75_SIN		0.00	7.12	-94.19	85.17	27.73	45.47	21.73	229.44	-45.53	-34.94	-4.78	-40.04	-22.97	-1.49	14.76	-42.88
MRBLD1FB70_COS		402.29	-89.50	-234.00	84.77	-68.98	7.58	4.26	-9.91	0.17	1.61	-2.38	-3.88	-1.89	1.51	16.22	2.14
MRBLD1FB70_SIN		0.00	-140.75	-27.75	24.24	-5.91	5.30	4.96	44.14	-3.40	2.06	2.54	2.70	1.80	-0.02	-1.68	9.63
MRBLD1FB87_COS		-83.70	-47.26	-182.92	17.47	-50.88	-11.63	-3.89	8.29	4.53	-1.61	-0.59	2.01	-0.20	2.29	15.79	1.68
MRBLD1FB87_SIN		0.00	-132.31	13.15	47.99	4.96	-1.10	-3.91	-24.29	1.13	3.71	2.01	10.03	7.20	2.77	-1.50	8.99
MRBLD1FB120_COS		-468.64	-39.14	-260.42	-2.16	-10.74	-10.81	-1.25	17.12	-0.14	-1.68	-1.64	-0.70	2.23	-0.82	-22.09	-2.10
MRBLD1FB120_SIN		0.00	-168.76	37.37	104.03	32.21	5.95	-1.49	-57.02	12.22	-0.50	-8.52	-8.63	-5.85	-5.05	0.84	-12.50
MRBLD1FB164_COS		-106.46	-3.53	-386.54	79.97	159.29	35.36	26.93	-28.22	-0.03	6.78	1.58	4.65	6.16	2.24	8.92	2.56
MRBLD1FB164_SIN		0.00	-213.82	21.20	94.25	39.89	-31.59	-13.23	65.85	-13.22	8.74	11.73	12.10	3.72	-0.89	0.57	10.74

RUN	POINT	Harmonics															
52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.57	2.67	-228.73	59.66	134.86	27.50	7.66	-25.61	1.72	2.82	1.79	6.29	3.33	0.83	-23.88	0.90
MRBLD1FB180_SIN		0.00	-149.83	6.91	33.83	11.03	-33.71	-12.55	56.52	-24.37	-5.46	-4.27	8.38	-1.27	-3.91	1.85	-14.45
MRBLD1TOR51_COS		-1385.98	42.04	-29.51	65.69	-16.82	-8.72	8.36	0.49	5.93	2.69	1.00	2.17	3.21	0.63	-6.92	1.94
MRBLD1TOR51_SIN		0.00	-35.89	-11.23	24.51	4.85	3.59	-1.94	54.25	0.61	-1.46	-4.76	-0.29	1.07	0.83	-3.49	-3.06
MRBLD1TOR71_COS		-244.56	49.59	-34.77	43.06	-10.75	-7.45	9.60	7.20	3.02	-0.50	-0.50	1.16	2.16	1.62	-2.53	1.44
MRBLD1TOR71_SIN		0.00	-38.91	-13.34	9.01	-1.53	1.65	0.04	44.08	2.98	-1.04	-3.54	1.92	2.31	1.65	-1.85	-0.97
MRBLD1TOR130_COS		-11.99	47.31	-13.43	27.21	3.43	-8.73	4.92	1.80	1.89	0.46	-0.26	2.06	0.16	-1.00	0.77	-2.01
MRBLD1TOR130_SIN		0.00	-33.15	-7.62	1.73	5.07	4.81	2.22	37.36	2.11	2.89	2.66	1.42	0.17	-1.07	-0.75	1.97
MRBLD1TOR164_COS		-209.60	32.94	48.19	3.44	-15.87	-11.62	-5.25	1.06	0.49	2.38	2.68	1.20	-0.52	0.43	-0.14	0.84
MRBLD1TOR164_SIN		0.00	-10.97	-1.30	-18.27	-10.16	7.64	5.04	15.81	0.64	0.37	2.21	2.88	1.25	-0.42	-3.61	0.06
MRFBM1CB26P5_COS		-4726.24	-619.56	-70.36	80.06	0.17	-12.21	9.69	-8.47	3.89	-0.94	-3.94	1.22	2.07	-0.42	-1.87	4.24
MRFBM1CB26P5_SIN		0.00	-139.72	-14.26	-11.13	-19.30	-9.69	-4.26	5.76	-7.50	-0.32	0.91	-0.60	-0.80	-0.36	-2.85	-0.71
MRFBM1FB9_COS		315.04	-7.23	194.97	-75.48	21.79	-0.19	1.10	12.31	-1.81	-1.94	-1.57	-1.27	-1.00	-0.16	0.69	-1.12
MRFBM1FB9_SIN		0.00	14.99	68.60	-58.73	-1.61	-6.68	0.28	-6.36	0.89	-0.97	-0.59	0.55	-0.01	0.58	2.35	0.60
MRFBM1TOR26P5_COS		-364.21	95.48	-0.37	0.31	-0.32	0.23	-0.06	0.22	-0.04	-0.01	-0.09	-0.04	-0.02	0.00	-0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-69.08	-0.34	0.38	-0.20	0.01	0.00	0.26	0.15	0.00	-0.02	-0.06	0.05	0.04	0.15	-0.03

RUN	POINT	Harmonics															
52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1234.69	-1362.89	-157.73	255.58	-34.17	-29.99	-3.99	-71.54	17.08	19.88	-4.29	3.81	6.81	-6.26	-33.08	9.39
MRPC1CB33P25_SIN		0.00	-158.24	-63.44	14.23	-2.59	3.25	2.91	77.34	-27.94	11.46	-9.09	-17.02	-11.32	-9.34	-28.33	-16.72
MRPC1FB33P25_COS		2288.22	59.44	-338.18	276.89	-142.85	17.64	-6.91	-157.75	13.45	42.21	30.86	37.19	21.29	-7.78	-60.52	30.73
MRPC1FB33P25_SIN		0.00	126.09	-139.21	141.96	-9.18	47.36	16.91	142.27	-41.19	-11.04	14.65	-17.06	-8.44	-9.93	-59.00	-33.60
MRPC1TOR25P5_COS		-792.41	-35.97	27.63	-72.55	14.04	2.25	-16.55	-11.08	-6.79	-0.73	-0.17	-0.55	-3.08	-2.53	1.66	0.60
MRPC1TOR25P5_SIN		0.00	106.53	-33.07	-7.34	1.81	0.42	2.59	-52.89	-4.43	2.94	5.11	-1.20	-2.67	-2.26	-7.93	-0.19
MRPLK1LOAD_COS		-89.85	10.76	3.58	-7.97	2.09	0.44	-1.89	-1.06	-0.79	0.17	0.13	0.01	-0.43	-0.15	0.94	-0.15
MRPLK1LOAD_SIN		0.00	-13.11	-0.80	-1.95	-0.08	0.10	0.20	-7.69	-0.46	0.30	0.98	-0.16	-0.34	-0.56	-1.54	0.07
PITCHRH_COS		10465.11	-8394.10	-481.23	-100.97	-62.22	-498.39	42.51	4.74	-4.48	39.29	232.09	-46.76	24.28	-23.19	36.75	-279.25
PITCHRH_SIN		0.00	2406.36	-538.66	41.86	63.14	-40.96	268.87	-28.24	9.42	-82.50	-284.84	-17.03	13.02	-39.41	-11.69	-172.99
ROLLRH_COS		995.24	-1945.58	554.80	-64.87	-69.35	-53.90	-123.17	-2.44	63.03	22.62	106.12	-12.46	19.33	-56.21	69.22	-0.22
ROLLRH_SIN		0.00	-8228.45	-652.20	-61.62	135.48	-344.41	-147.83	-1.05	-11.93	11.92	-31.22	-36.09	16.21	-0.47	-35.01	-445.51
TORQ_COS		30581.45	493.39	8.91	-19.85	-50.41	138.84	-7.27	2.74	-12.63	4.59	32.16	2.84	1.17	-0.36	-7.73	0.46
TORQ_SIN		0.00	493.74	-6.73	14.40	33.20	53.60	7.61	5.64	19.00	-4.59	-6.37	7.93	-7.43	7.64	-8.68	25.24
THRUST_COS		5778.13	-64.31	6.63	-0.36	7.29	-14.87	0.12	3.71	2.05	-0.09	-5.96	5.48	-1.75	0.80	1.74	-10.11
THRUST_SIN		0.00	-13.60	8.61	8.08	6.37	-38.64	1.86	5.28	0.01	1.11	-1.23	-1.90	-0.75	0.71	3.14	27.58

RUN	POINT	Harmonics															
52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.46	-19.81	-14.94	-2.84	-38.76	36.31	9.34	-1.22	-0.80	-1.19	-5.51	0.65	-1.05	1.78	-2.31	0.72
SIDERH_SIN		0.00	197.04	13.66	0.60	-49.58	3.35	8.75	-0.31	1.72	-1.00	0.95	2.49	-0.43	0.22	0.91	13.35
DRAGRH_COS		-243.18	221.90	10.19	0.99	-12.64	17.85	-16.20	1.25	0.92	-1.20	-7.87	3.89	0.01	1.22	-1.55	12.38
DRAGRH_SIN		0.00	-49.79	17.90	-1.10	14.77	5.22	-33.83	3.69	0.78	5.12	24.66	-0.92	1.54	1.77	-0.17	7.69

RUN	POINT	Harmonics															
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.00	0.57	0.45	-3.02	-2.62	-0.56	0.28	0.52	0.12	-0.02	-0.02	0.17	0.29	0.07	0.06	-0.04
ACT1FORCE_SIN		0.00	7.90	1.95	0.21	-0.11	-0.94	-0.48	-0.07	0.00	0.05	-0.16	0.00	0.23	0.08	0.14	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.49	-15.57	-10.82	28.21	25.29	5.22	-4.95	-0.01	0.01	0.00	0.02	0.02	0.00	-0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-60.53	-14.79	-3.38	0.05	8.36	6.17	-0.02	-0.02	-0.01	0.00	0.00	0.01	0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.38	15.66	10.88	-28.24	-25.34	-5.30	4.91	0.01	-0.01	0.01	-0.02	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	60.64	14.82	3.48	0.06	-8.34	-6.22	0.01	0.02	0.01	0.00	0.00	0.00	-0.01	-0.01	0.00
MRBLD1CB42P75_COS		-4093.92	-1557.88	-79.63	230.27	-0.50	-38.64	-20.25	-70.51	24.90	23.84	-28.46	7.49	5.82	-9.00	-39.78	2.79
MRBLD1CB42P75_SIN		0.00	-242.72	-91.41	44.47	26.48	-6.49	10.83	91.17	-18.81	32.89	-27.97	-28.65	-18.68	-15.87	-38.74	-19.38

RUN	POINT	Harmonics															
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2738.55	-806.69	261.57	171.90	52.45	-11.12	-55.60	-57.15	9.72	28.54	-0.54	4.28	0.71	-4.77	-26.34	-5.72
MRBLD1CB70_SIN		0.00	-151.51	-89.03	53.28	116.41	2.50	15.89	72.87	-2.28	29.76	-22.27	-19.22	-12.20	-6.39	-26.46	-15.58
MRBLD1CB120_COS		-555.41	-241.08	414.40	135.58	54.43	52.46	-36.19	-13.84	-26.22	1.69	32.50	5.75	-3.48	-1.06	8.01	7.05
MRBLD1CB120_SIN		0.00	7.02	-129.83	-20.63	112.42	10.42	6.35	25.39	1.75	-13.16	22.64	12.55	5.93	5.83	2.69	-1.93
MRBLD1CB164_COS		-1986.27	-80.68	138.41	12.87	-19.09	20.71	-11.10	22.24	-18.65	-3.00	16.31	6.84	2.11	-0.37	5.33	-4.26
MRBLD1CB164_SIN		0.00	50.43	-43.16	2.98	46.20	13.99	-3.92	-17.13	-0.97	-24.10	22.69	16.22	6.99	2.05	16.84	13.24
MRBLD1FB42P75_COS		3115.03	143.12	-457.08	326.84	-173.53	43.49	16.55	-51.09	-18.93	20.59	15.90	20.76	9.20	-18.70	-85.72	-12.38
MRBLD1FB42P75_SIN		0.00	11.20	-98.33	82.45	-23.18	40.69	17.87	203.31	-37.57	-29.04	-12.30	-47.91	-23.83	-2.91	9.04	-43.61
MRBLD1FB70_COS		403.86	-88.97	-237.57	73.51	-69.60	8.36	7.11	-3.82	-0.52	1.33	-3.00	-3.90	-1.52	2.49	17.70	2.23
MRBLD1FB70_SIN		0.00	-142.92	-30.54	22.32	-22.17	3.12	3.50	39.21	-2.51	2.57	2.87	2.50	1.88	0.56	-0.06	9.76
MRBLD1FB87_COS		-84.77	-46.94	-184.88	11.19	-51.78	-11.36	-4.44	5.20	6.10	0.38	4.27	0.44	-0.13	3.62	17.69	1.82
MRBLD1FB87_SIN		0.00	-133.07	11.34	46.94	-1.04	-0.94	-3.32	-21.53	0.32	3.24	3.79	12.67	7.52	2.87	-0.44	9.04
MRBLD1FB120_COS		-471.32	-39.40	-261.86	-7.50	-12.90	-10.72	-4.64	8.95	0.17	-2.25	-2.37	0.45	1.65	-2.15	-24.34	-2.60
MRBLD1FB120_SIN		0.00	-167.72	36.17	104.71	33.60	6.90	0.75	-50.41	9.92	-1.35	-9.21	-10.54	-6.37	-5.36	-1.21	-13.17
MRBLD1FB164_COS		-102.14	-2.54	-390.90	73.66	157.91	35.37	30.64	-11.71	-0.51	6.03	3.02	3.00	6.28	4.08	10.83	2.20
MRBLD1FB164_SIN		0.00	-213.73	18.29	96.72	56.54	-26.65	-13.34	56.66	-11.84	8.66	12.85	14.46	4.28	-0.49	0.88	10.62

RUN	POINT	Harmonics															
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-173.92	2.57	-231.85	57.95	134.01	25.74	11.77	-12.27	0.73	2.76	9.62	1.88	2.45	0.24	-26.86	0.20
MRBLD1FB180_SIN		0.00	-149.68	4.75	34.07	22.24	-29.95	-13.83	47.99	-23.43	-5.37	0.18	15.49	0.11	-3.77	-0.24	-13.99
MRBLD1TOR51_COS		-1384.38	41.25	-29.70	62.95	-16.36	-7.87	10.06	6.50	3.72	1.95	2.06	1.10	2.83	0.36	-6.63	2.06
MRBLD1TOR51_SIN		0.00	-35.72	-11.38	25.07	2.18	3.09	-0.80	49.66	0.82	-1.58	-3.82	0.37	1.31	0.87	-4.57	-3.48
MRBLD1TOR71_COS		-244.25	49.98	-34.86	41.55	-10.85	-6.91	10.38	10.59	1.20	-0.92	1.09	-0.26	1.67	1.32	-2.44	1.30
MRBLD1TOR71_SIN		0.00	-38.49	-13.52	9.79	-2.18	1.44	1.07	40.17	2.75	-1.38	-2.39	2.54	2.61	1.85	-2.39	-1.08
MRBLD1TOR130_COS		-11.93	46.94	-13.68	26.62	2.93	-8.61	5.27	5.21	0.21	-0.34	-0.70	2.53	0.07	-1.06	0.51	-2.42
MRBLD1TOR130_SIN		0.00	-32.75	-7.57	2.68	6.88	4.62	2.94	34.45	2.31	2.88	1.76	1.71	0.31	-1.06	-0.55	2.06
MRBLD1TOR164_COS		-210.59	32.48	48.89	4.88	-15.21	-11.23	-5.23	1.20	0.28	2.48	2.94	0.94	-0.73	-0.02	-0.47	0.64
MRBLD1TOR164_SIN		0.00	-10.71	-0.87	-18.03	-11.60	6.68	4.72	14.04	0.53	0.92	2.71	2.84	0.63	-1.10	-3.99	0.24
MRFBM1CB26P5_COS		-4747.33	-681.83	-74.19	78.36	1.74	-12.07	10.24	-6.18	4.16	-1.39	-4.88	1.98	2.11	-0.51	-1.93	4.52
MRFBM1CB26P5_SIN		0.00	-168.90	-14.97	-9.90	-18.91	-8.15	-2.25	5.91	-6.73	-0.47	-1.21	-0.82	-0.32	-0.86	-3.52	-0.78
MRFBM1FB9_COS		338.22	34.70	199.63	-67.39	19.79	-0.86	-0.16	10.01	-1.41	-1.56	-1.19	-1.82	-1.08	-0.15	0.49	-1.12
MRFBM1FB9_SIN		0.00	10.30	72.12	-55.03	4.35	-6.25	-0.40	-6.68	0.82	-0.98	0.07	0.42	0.01	0.85	2.68	0.77
MRFBM1TOR26P5_COS		-364.06	95.98	-0.32	0.31	-0.30	0.24	-0.04	0.25	-0.04	0.00	-0.08	-0.06	-0.02	0.00	-0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-68.74	-0.30	0.43	-0.16	0.03	0.01	0.22	0.15	0.00	0.01	-0.06	0.05	0.05	0.16	-0.04

RUN	POINT	Harmonics															
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1241.58	-1472.88	-164.15	243.18	-24.09	-26.48	1.16	-53.49	14.91	16.27	-19.30	10.94	6.73	-7.14	-33.44	9.04
MRPC1CB33P25_SIN		0.00	-193.38	-64.75	12.41	-18.41	-0.01	3.73	74.24	-23.85	14.67	-14.00	-19.42	-11.85	-11.18	-32.47	-17.85
MRPC1FB33P25_COS		2302.10	90.62	-345.12	250.62	-135.21	21.82	5.77	-119.30	4.26	33.55	21.38	46.65	21.78	-10.26	-60.15	30.54
MRPC1FB33P25_SIN		0.00	131.69	-142.67	134.41	-52.03	43.69	18.64	136.17	-38.22	-10.66	-1.19	-18.84	-9.43	-15.62	-69.84	-34.71
MRPC1TOR25P5_COS		-793.15	-31.08	26.48	-70.57	14.20	1.67	-17.82	-15.95	-5.00	-0.31	-3.39	2.09	-3.22	-2.48	1.43	-0.19
MRPC1TOR25P5_SIN		0.00	106.93	-31.71	-7.89	2.98	0.23	1.32	-48.00	-4.60	3.71	3.07	-2.13	-3.11	-3.01	-8.02	0.73
MRPLK1LOAD_COS		-90.02	10.67	3.64	-7.66	2.17	0.32	-2.09	-1.87	-0.58	0.20	-0.19	0.32	-0.47	-0.15	0.94	-0.31
MRPLK1LOAD_SIN		0.00	-13.34	-0.78	-2.14	0.17	0.10	0.03	-6.94	-0.50	0.33	0.69	-0.21	-0.39	-0.72	-1.50	0.20
PITCHRH_COS		9722.44	-8379.76	-464.62	-100.36	-70.86	-515.85	16.19	0.34	-12.17	56.83	247.15	-35.38	32.83	-16.84	36.48	-298.52
PITCHRH_SIN		0.00	2436.13	-528.27	32.25	74.05	-164.42	274.37	-43.67	22.12	-83.30	-277.86	-20.22	6.00	-30.24	-6.44	-228.77
ROLLRH_COS		992.32	-1967.85	544.10	-57.03	-70.32	173.60	-140.29	28.55	62.50	-6.10	104.29	-11.01	38.60	-47.74	65.64	43.76
ROLLRH_SIN		0.00	-8205.44	-651.28	-67.13	125.82	-461.53	-180.13	18.88	-19.43	42.43	-37.39	-23.69	34.82	-0.37	-23.88	-465.17
TORQ_COS		30285.46	488.03	8.22	-21.25	-60.14	137.51	-8.89	-2.44	-15.54	4.99	36.70	2.50	2.16	-2.32	-9.25	3.30
TORQ_SIN		0.00	485.88	-11.53	12.28	43.23	60.59	6.52	3.65	15.85	-5.77	-3.09	8.77	-6.25	5.95	-9.36	28.62
THRUST_COS		5844.04	-64.66	7.46	-1.06	8.66	-15.59	1.41	-0.58	2.07	0.00	-2.97	5.73	-2.19	-0.07	1.67	-8.60
THRUST_SIN		0.00	-13.08	8.53	10.31	5.13	-35.26	2.82	5.79	0.84	1.54	-0.66	-0.65	-1.29	0.09	3.21	28.28

RUN	POINT	Harmonics															
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.25	-19.58	-15.01	-3.64	-40.05	30.86	9.07	-1.39	-1.04	0.05	-5.26	0.66	-1.69	1.50	-2.15	-0.51
SIDERH_SIN		0.00	193.60	13.54	-0.12	-45.87	22.50	11.19	-1.14	2.08	-2.69	0.88	1.79	-1.07	0.24	0.59	13.95
DRAGRH_COS		-246.88	221.62	9.46	1.30	-12.15	12.53	-12.47	0.22	0.64	-1.35	-9.25	2.84	-0.86	1.46	-1.46	13.76
DRAGRH_SIN		0.00	-50.19	17.96	-1.14	14.86	-6.23	-35.41	3.80	-0.31	4.73	25.76	-0.93	2.64	1.33	-0.22	10.56

RUN	POINT	Harmonics															
52	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.13	0.68	0.57	-2.97	-2.59	-0.66	0.27	0.51	0.13	-0.01	-0.02	0.15	0.24	0.08	0.06	-0.05
ACT1FORCE_SIN		0.00	7.85	1.98	0.13	0.05	-0.91	-0.54	-0.05	-0.01	0.06	-0.14	0.02	0.21	0.06	0.14	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.33	-16.10	-12.57	27.69	25.09	5.93	-4.99	-0.01	-0.01	-0.01	0.03	0.03	0.01	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-60.16	-14.71	-3.30	-0.93	7.94	6.67	-0.02	-0.03	-0.03	-0.02	-0.01	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.51	16.17	12.63	-27.72	-25.14	-5.99	4.96	0.00	0.01	0.02	-0.02	-0.02	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	60.26	14.76	3.37	0.99	-7.93	-6.70	0.00	0.02	0.02	0.02	0.00	-0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-4093.78	-1493.96	-81.49	219.52	3.22	-34.38	-24.01	-63.84	24.25	24.53	-14.56	8.19	6.99	-6.99	-38.69	1.97
MRBLD1CB42P75_SIN		0.00	-182.22	-84.39	31.50	30.07	-5.84	8.88	77.82	-17.92	28.43	-30.09	-26.54	-15.30	-14.16	-30.42	-22.16

RUN	POINT	Harmonics															
52	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2733.32	-768.66	256.68	163.91	49.57	-2.97	-56.78	-54.29	10.11	27.75	6.64	4.90	1.11	-3.63	-26.08	-6.46
MRBLD1CB70_SIN		0.00	-103.40	-83.59	40.66	121.34	6.20	17.25	62.90	-1.10	26.89	-25.51	-20.15	-9.45	-6.34	-21.60	-19.42
MRBLD1CB120_COS		-561.13	-229.17	408.56	129.53	51.66	62.56	-35.19	-13.52	-21.81	1.39	24.48	4.96	-4.13	-1.48	7.06	6.95
MRBLD1CB120_SIN		0.00	40.19	-127.23	-28.15	119.91	17.14	13.39	20.06	3.01	-11.05	24.30	11.57	4.91	5.85	2.43	-2.11
MRBLD1CB164_COS		-1986.97	-78.72	136.20	9.73	-20.48	23.30	-10.45	19.54	-15.87	-2.27	10.40	6.47	2.44	-0.03	5.85	-4.38
MRBLD1CB164_SIN		0.00	60.38	-42.37	-1.23	50.37	17.74	0.29	-15.34	-0.90	-21.46	25.53	16.53	5.88	2.59	14.31	15.49
MRBLD1FB42P75_COS		3112.28	122.80	-454.27	294.41	-149.36	46.63	6.36	-50.13	-12.21	25.97	29.13	24.42	12.39	-12.02	-70.49	-18.52
MRBLD1FB42P75_SIN		0.00	-0.57	-97.26	61.20	-2.56	48.99	23.91	172.97	-38.45	-33.29	-14.65	-42.74	-22.45	-1.14	21.85	-45.39
MRBLD1FB70_COS		404.16	-90.01	-236.63	62.74	-62.59	9.73	5.26	-3.40	0.20	1.18	-2.84	-3.91	-1.77	1.59	15.06	3.46
MRBLD1FB70_SIN		0.00	-143.99	-29.05	13.88	-16.04	4.76	4.60	33.59	-2.74	2.02	2.19	2.25	1.65	-0.01	-2.75	10.15
MRBLD1FB87_COS		-83.66	-47.33	-184.58	4.70	-49.15	-11.51	-4.33	5.28	4.87	-0.93	0.83	-0.56	-1.04	2.08	14.19	3.18
MRBLD1FB87_SIN		0.00	-135.93	12.93	41.81	1.75	-0.84	-3.76	-18.65	0.91	4.37	4.82	11.72	7.42	3.00	-2.83	9.75
MRBLD1FB120_COS		-469.78	-37.95	-259.99	-14.08	-12.51	-12.87	-3.48	8.01	-0.87	-1.69	-1.37	0.75	1.98	-0.71	-20.04	-4.85
MRBLD1FB120_SIN		0.00	-175.64	37.20	96.29	33.81	7.31	0.35	-42.97	9.63	-1.21	-9.27	-9.70	-6.41	-4.99	2.47	-13.73
MRBLD1FB164_COS		-103.52	-1.13	-387.43	64.84	153.30	34.89	32.75	-9.74	1.25	5.88	1.54	3.10	6.56	3.93	8.52	3.46
MRBLD1FB164_SIN		0.00	-226.36	19.84	86.40	46.42	-30.37	-12.98	45.86	-11.71	8.34	13.14	13.31	3.77	-0.74	-0.79	11.62

RUN	POINT	Harmonics															
52	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.29	3.64	-228.98	53.59	130.86	28.07	12.60	-9.95	2.68	2.43	4.48	1.53	1.82	0.99	-22.43	-3.27
MRBLD1FB180_SIN		0.00	-157.21	6.47	30.22	15.21	-31.89	-12.28	38.93	-21.87	-3.76	1.54	11.99	-1.11	-3.78	4.00	-15.92
MRBLD1TOR51_COS		-1385.13	41.28	-30.46	60.57	-14.86	-8.70	11.56	7.47	5.21	2.37	1.07	1.01	2.75	0.57	-6.75	2.20
MRBLD1TOR51_SIN		0.00	-35.36	-11.92	21.28	4.58	2.90	-1.73	42.51	1.13	-0.67	-3.53	-0.07	0.92	0.83	-2.69	-4.48
MRBLD1TOR71_COS		-244.32	49.50	-35.30	40.48	-10.02	-7.83	12.40	11.04	2.44	-0.64	-0.21	-0.37	1.49	1.50	-2.52	1.37
MRBLD1TOR71_SIN		0.00	-39.18	-14.22	7.30	-0.95	0.85	0.18	34.69	2.76	-0.64	-2.30	1.97	1.98	1.68	-1.66	-1.93
MRBLD1TOR130_COS		-12.07	47.03	-13.75	26.64	3.02	-8.87	7.14	5.96	1.42	0.27	-0.08	2.50	-0.11	-1.12	0.68	-2.41
MRBLD1TOR130_SIN		0.00	-33.26	-8.07	1.95	6.31	3.80	2.46	29.51	2.20	3.12	2.46	2.12	0.54	-0.90	-1.40	2.39
MRBLD1TOR164_COS		-210.62	32.41	48.78	6.04	-14.82	-11.29	-4.59	1.52	0.52	2.54	2.85	1.14	-0.68	0.17	-0.42	0.28
MRBLD1TOR164_SIN		0.00	-9.49	-1.50	-16.25	-10.23	6.84	4.37	12.41	0.63	1.29	2.85	2.91	0.92	-0.41	-3.52	0.31
MRFBM1CB26P5_COS		-4748.93	-649.31	-74.59	75.82	4.52	-12.87	9.19	-5.17	3.95	-0.91	-3.65	1.72	2.26	-0.49	-2.03	4.42
MRFBM1CB26P5_SIN		0.00	-139.20	-13.13	-10.73	-20.10	-9.25	-3.12	4.73	-6.86	-0.77	-0.62	-0.11	-0.39	-0.20	-2.32	-0.73
MRFBM1FB9_COS		331.48	3.96	199.98	-61.25	18.36	-0.83	0.92	8.94	-1.55	-1.78	-1.51	-1.64	-1.02	-0.13	0.82	-1.19
MRFBM1FB9_SIN		0.00	7.71	70.05	-46.70	1.34	-6.95	0.04	-5.27	0.69	-0.98	-0.23	0.25	-0.13	0.60	2.22	0.84
MRFBM1TOR26P5_COS		-364.10	95.79	-0.34	0.32	-0.33	0.24	-0.02	0.26	-0.04	-0.01	-0.10	-0.05	-0.01	0.00	-0.03	0.02
MRFBM1TOR26P5_SIN		0.00	-68.99	-0.34	0.41	-0.16	0.01	0.00	0.19	0.15	0.00	-0.01	-0.07	0.05	0.04	0.16	-0.03

RUN	POINT	Harmonics															
52	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1239.34	-1416.89	-165.14	232.67	-16.94	-25.47	-3.64	-47.81	15.71	17.52	-9.22	11.13	7.56	-5.46	-32.67	8.33
MRPC1CB33P25_SIN		0.00	-145.19	-58.61	3.64	-15.11	-0.31	2.44	62.02	-22.99	12.13	-14.37	-16.70	-9.50	-8.98	-24.16	-20.27
MRPC1FB33P25_COS		2299.65	71.52	-342.67	228.22	-120.63	22.17	-4.10	-106.98	10.40	40.12	32.75	46.31	23.17	-7.39	-61.77	28.91
MRPC1FB33P25_SIN		0.00	120.12	-142.00	111.75	-29.95	50.94	19.58	112.77	-35.99	-11.15	5.29	-12.70	-5.63	-9.44	-49.86	-41.09
MRPC1TOR25P5_COS		-792.97	-33.77	28.58	-68.34	12.81	2.96	-19.82	-16.21	-6.28	-0.64	-0.93	1.98	-3.13	-2.27	1.26	-1.13
MRPC1TOR25P5_SIN		0.00	105.34	-31.90	-5.63	1.69	0.66	2.18	-41.10	-4.60	2.54	3.18	-1.22	-2.36	-2.19	-8.32	0.87
MRPLK1LOAD_COS		-89.83	10.75	3.75	-7.29	1.96	0.48	-2.33	-1.90	-0.75	0.19	0.09	0.26	-0.52	-0.13	0.93	-0.44
MRPLK1LOAD_SIN		0.00	-13.28	-0.74	-1.75	-0.04	0.16	0.16	-5.98	-0.55	0.25	0.76	-0.08	-0.34	-0.54	-1.73	0.24
PITCHRH_COS		10196.26	-8390.13	-463.53	-89.16	-68.15	-415.08	50.81	-14.73	-11.93	51.30	276.38	-40.92	21.27	-4.53	28.57	-310.53
PITCHRH_SIN		0.00	2434.33	-540.60	37.16	73.34	-149.81	237.96	-36.52	19.02	-73.25	-279.72	-16.75	9.57	-5.49	-9.01	-189.52
ROLLRH_COS		1089.86	-1989.80	540.24	-49.59	-74.68	79.02	-112.44	26.44	69.17	25.75	110.51	-14.34	44.27	-40.56	74.09	-7.04
ROLLRH_SIN		0.00	-8236.02	-637.21	-61.52	133.14	-274.31	-208.30	17.71	-11.50	28.58	-29.49	-24.13	23.69	-15.86	-6.53	-499.64
TORQ_COS		30307.60	477.36	7.77	-21.28	-64.94	132.45	-8.68	-5.80	-14.70	4.95	32.25	2.90	2.01	-2.79	-10.16	-0.07
TORQ_SIN		0.00	473.70	-12.97	8.80	45.94	62.39	6.98	5.45	15.52	-4.45	-3.11	7.96	-5.94	4.02	-9.90	26.78
THRUST_COS		5829.69	-65.14	6.92	-0.64	9.82	-17.61	0.04	-0.88	1.97	-0.78	-6.37	5.45	-1.80	-0.74	-0.44	-10.15
THRUST_SIN		0.00	-11.67	8.28	8.33	5.16	-37.87	2.69	8.03	0.56	1.73	2.64	-1.49	-0.78	-0.70	1.87	31.28

RUN	POINT	Harmonics															
52	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.75	-15.88	-14.83	-3.03	-40.69	27.80	7.03	-1.07	-1.18	-1.39	-5.33	0.92	-1.92	1.20	-2.32	0.84
SIDERH_SIN		0.00	199.13	13.47	0.50	-48.91	5.57	8.76	-0.45	1.99	-1.56	0.94	1.93	-0.55	0.74	-0.01	14.89
DRAGRH_COS		-244.04	222.00	9.81	0.89	-11.92	19.56	-15.71	0.97	1.05	-2.00	-10.96	3.36	-0.45	0.74	-1.11	13.66
DRAGRH_SIN		0.00	-51.07	18.41	-0.73	15.26	6.13	-31.02	1.98	0.34	4.03	23.91	-1.50	1.92	0.92	-0.19	8.62

RUN	POINT	Harmonics															
52	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.06	0.66	0.44	-2.98	-2.60	-0.57	0.31	0.49	0.10	-0.05	-0.01	0.15	0.29	0.07	0.08	-0.03
ACT1FORCE_SIN		0.00	7.77	1.94	0.25	-0.09	-0.91	-0.51	-0.03	0.02	0.05	-0.13	-0.01	0.21	0.09	0.14	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.48	-16.19	-11.42	27.47	25.48	5.34	-5.30	-0.01	-0.01	-0.01	0.02	0.03	0.00	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-59.91	-15.24	-3.09	0.07	7.82	6.26	-0.02	-0.04	-0.03	-0.01	0.00	0.01	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.37	16.28	11.49	-27.50	-25.54	-5.42	5.26	0.01	0.01	0.02	-0.02	-0.02	0.00	0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	60.01	15.27	3.19	0.03	-7.79	-6.32	0.00	0.03	0.03	0.01	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4072.62	-1573.60	-79.54	241.77	-1.30	-37.15	-22.63	-61.00	24.23	27.47	-23.82	-2.57	4.37	-7.10	-33.16	3.19
MRBLD1CB42P75_SIN		0.00	-274.92	-86.68	50.84	28.04	-6.35	10.93	89.21	-17.75	29.97	-10.08	-25.44	-15.73	-14.12	-32.35	-16.69

RUN	POINT	Harmonics															
52	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2748.14	-814.85	263.23	182.20	58.28	-12.56	-58.95	-50.38	9.03	31.76	3.63	-2.34	0.03	-4.18	-22.29	-4.03
MRBLD1CB70_SIN		0.00	-172.60	-90.21	59.13	120.69	7.06	13.08	70.77	-2.21	26.97	-12.92	-16.21	-10.22	-5.68	-18.39	-13.12
MRBLD1CB120_COS		-554.67	-242.87	414.92	143.13	60.38	50.10	-38.66	-9.91	-26.74	-1.63	28.93	10.37	-2.64	-1.15	6.92	6.95
MRBLD1CB120_SIN		0.00	-2.32	-132.82	-16.08	114.24	13.03	0.18	23.06	0.80	-11.97	11.12	9.71	4.56	5.70	2.73	-1.51
MRBLD1CB164_COS		-1985.58	-81.28	137.65	15.39	-17.04	18.67	-11.17	21.19	-18.29	-7.58	13.35	11.67	2.79	0.38	4.83	-5.26
MRBLD1CB164_SIN		0.00	46.98	-43.66	6.98	46.55	16.45	-6.15	-17.65	-1.98	-22.77	13.79	13.48	5.86	2.01	11.70	11.64
MRBLD1FB42P75_COS		3108.71	146.43	-458.41	350.48	-185.20	49.08	18.10	-31.74	-20.78	17.76	20.53	15.49	11.73	-11.36	-69.38	-5.12
MRBLD1FB42P75_SIN		0.00	17.82	-88.31	91.39	-35.24	25.42	19.22	193.69	-34.24	-21.45	-1.10	-44.74	-22.09	-5.70	4.23	-40.99
MRBLD1FB70_COS		402.84	-91.49	-237.85	81.27	-73.69	9.18	6.56	-0.46	-0.45	1.77	-2.22	-4.06	-2.06	1.16	14.25	0.88
MRBLD1FB70_SIN		0.00	-143.17	-25.92	27.77	-24.97	-0.59	3.01	36.85	-2.29	2.71	3.43	2.99	1.93	0.57	0.60	9.28
MRBLD1FB87_COS		-85.51	-49.68	-185.26	15.54	-53.29	-11.42	-4.91	2.84	5.67	0.35	2.37	1.86	-0.32	2.61	14.74	0.72
MRBLD1FB87_SIN		0.00	-133.34	13.95	50.74	-1.85	-0.57	-2.86	-20.45	-0.38	1.16	-0.06	11.11	6.95	3.59	0.86	8.82
MRBLD1FB120_COS		-470.61	-41.91	-262.07	-3.96	-11.81	-10.97	-3.17	4.80	0.47	-2.34	-1.50	0.17	2.08	-0.98	-20.06	-1.23
MRBLD1FB120_SIN		0.00	-166.97	39.06	108.65	34.35	10.22	0.70	-46.87	9.98	-0.37	-7.43	-9.94	-6.53	-6.18	-2.94	-12.55
MRBLD1FB164_COS		-102.27	-3.98	-389.04	77.75	163.26	31.66	28.53	-6.30	-1.89	5.76	1.95	3.99	6.49	4.37	8.98	1.65
MRBLD1FB164_SIN		0.00	-209.55	22.42	96.74	60.99	-25.86	-16.25	52.09	-11.85	8.17	10.06	13.51	3.99	-0.38	0.94	9.74

RUN	POINT	Harmonics															
52	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.71	0.82	-231.50	57.26	136.50	24.67	8.69	-8.50	-0.04	2.78	6.29	6.34	3.23	1.66	-21.02	2.49
MRBLD1FB180_SIN		0.00	-146.58	7.39	33.27	26.27	-30.44	-15.36	44.51	-22.45	-7.53	-7.08	12.60	-1.23	-3.95	-1.29	-12.77
MRBLD1TOR51_COS		-1384.08	40.03	-29.82	64.77	-17.57	-8.36	8.48	8.88	3.89	2.00	2.08	1.52	2.84	0.47	-6.12	1.66
MRBLD1TOR51_SIN		0.00	-36.53	-10.27	26.59	0.52	0.51	-0.44	47.62	0.75	-1.92	-4.90	0.58	1.32	1.10	-3.88	-2.40
MRBLD1TOR71_COS		-243.92	49.05	-35.10	42.20	-11.86	-7.55	9.19	12.19	1.68	-0.73	1.14	0.72	1.91	1.31	-1.89	1.31
MRBLD1TOR71_SIN		0.00	-38.77	-12.55	10.71	-3.33	-0.70	1.26	38.32	2.75	-1.66	-4.07	2.50	2.44	1.83	-1.99	-0.55
MRBLD1TOR130_COS		-11.59	46.16	-13.65	26.79	2.65	-9.33	4.49	7.09	0.53	-0.44	-0.82	2.50	0.45	-0.73	1.05	-1.88
MRBLD1TOR130_SIN		0.00	-32.83	-7.18	2.61	6.65	3.19	3.16	33.09	2.40	2.85	2.05	1.06	0.45	-0.70	0.00	1.83
MRBLD1TOR164_COS		-210.27	32.27	48.92	4.06	-15.87	-11.00	-5.79	1.64	0.39	2.44	2.95	1.47	-0.20	0.54	0.81	1.29
MRBLD1TOR164_SIN		0.00	-11.22	-1.91	-18.41	-12.53	5.58	5.20	13.59	0.38	0.57	2.16	2.48	0.71	-0.62	-2.98	0.12
MRFBM1CB26P5_COS		-4739.61	-688.55	-74.27	80.30	-0.79	-11.40	10.35	-5.43	3.70	-1.58	-5.28	1.68	2.19	-0.03	-1.15	4.32
MRFBM1CB26P5_SIN		0.00	-183.29	-11.74	-10.53	-18.97	-9.23	-1.42	5.96	-6.10	-0.27	0.49	-1.06	-0.29	-0.55	-3.65	-0.47
MRFBM1FB9_COS		333.83	43.12	199.44	-72.42	20.44	-1.89	-0.23	8.92	-1.21	-1.48	-0.93	-1.46	-1.00	-0.27	0.43	-1.09
MRFBM1FB9_SIN		0.00	16.09	65.97	-60.18	5.90	-5.30	-0.42	-6.98	0.88	-0.93	-0.47	0.52	-0.08	0.49	2.05	0.40
MRFBM1TOR26P5_COS		-364.02	96.06	-0.33	0.32	-0.28	0.21	-0.05	0.26	-0.04	0.03	-0.07	-0.06	-0.03	0.00	-0.07	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.65	-0.29	0.46	-0.19	0.02	0.01	0.20	0.13	-0.01	-0.01	-0.04	0.03	0.03	0.12	-0.03

RUN	POINT	Harmonics															
52	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1224.73	-1488.05	-164.27	253.03	-28.46	-23.66	0.04	-44.71	13.98	17.11	-16.74	4.48	6.12	-4.78	-27.38	9.39
MRPC1CB33P25_SIN		0.00	-221.87	-59.37	16.20	-18.96	-2.01	4.93	73.14	-22.27	13.94	-1.35	-17.77	-9.60	-9.79	-27.54	-14.74
MRPC1FB33P25_COS		2296.09	94.35	-347.53	269.02	-141.31	30.38	6.39	-100.30	1.57	27.98	18.70	41.13	22.64	-3.51	-45.75	32.57
MRPC1FB33P25_SIN		0.00	138.05	-135.64	145.86	-64.19	33.63	19.75	136.38	-36.33	-6.65	10.17	-20.14	-7.01	-11.48	-58.01	-26.77
MRPC1TOR25P5_COS		-793.73	-28.61	25.48	-71.52	16.50	2.42	-16.26	-17.69	-5.29	-0.74	-3.34	0.65	-3.02	-2.46	3.17	0.98
MRPC1TOR25P5_SIN		0.00	108.08	-33.13	-9.03	4.42	3.40	1.15	-45.69	-4.37	3.90	5.83	-2.80	-2.75	-2.66	-6.23	0.09
MRPLK1LOAD_COS		-89.98	10.81	3.57	-7.88	2.41	0.46	-1.83	-2.16	-0.61	0.08	-0.27	0.17	-0.42	-0.20	1.17	0.00
MRPLK1LOAD_SIN		0.00	-13.31	-0.87	-2.30	0.42	0.50	0.02	-6.58	-0.46	0.37	1.03	-0.36	-0.27	-0.56	-1.10	0.11
PITCHRH_COS		9544.03	-8399.00	-460.59	-97.09	-59.36	-581.10	32.41	-5.60	-11.09	66.10	215.81	-28.92	27.70	-14.18	35.07	-188.42
PITCHRH_SIN		0.00	2461.72	-530.52	27.03	68.85	-202.41	252.41	-9.33	23.67	-76.63	-273.82	-16.92	3.83	-29.45	-6.09	-218.34
ROLLRH_COS		859.70	-1968.50	543.38	-51.01	-92.78	242.34	-110.49	34.40	74.68	-4.41	105.67	-16.04	36.66	-46.73	29.56	105.55
ROLLRH_SIN		0.00	-8232.74	-648.29	-64.61	130.13	-529.61	-197.85	24.09	-22.57	82.02	-50.57	-22.30	13.56	1.88	-32.12	-364.61
TORQ_COS		30437.28	495.05	10.10	-24.16	-56.54	139.11	-9.02	-3.67	-14.73	3.78	36.66	1.34	1.04	-1.53	-6.32	6.89
TORQ_SIN		0.00	469.14	-10.51	9.42	36.08	54.71	7.08	3.06	11.85	-5.61	-10.03	9.99	-5.13	5.11	-8.76	24.13
THRUST_COS		5832.18	-63.97	7.47	-0.77	7.14	-18.78	0.09	-1.60	1.60	0.37	-4.28	5.63	-2.21	0.66	3.88	-13.09
THRUST_SIN		0.00	-13.40	8.66	8.52	5.94	-29.38	2.17	6.40	1.64	0.60	-3.03	-0.26	0.00	-0.14	1.03	21.35

RUN	POINT	Harmonics															
52	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.03	-22.68	-14.78	-3.59	-32.98	31.11	7.46	-1.45	-1.34	-0.24	-5.67	1.05	-1.60	1.50	-1.00	-2.25
SIDERH_SIN		0.00	197.09	13.42	0.04	-46.35	28.86	8.39	-0.75	2.14	-4.18	1.68	1.76	-0.28	0.22	0.97	11.08
DRAGRH_COS		-246.88	222.42	9.28	0.99	-12.15	8.58	-14.93	-0.56	1.39	-2.46	-6.44	2.31	-0.76	1.05	-1.47	8.66
DRAGRH_SIN		0.00	-50.33	18.09	-0.65	13.30	-10.60	-33.85	2.64	-0.56	3.04	25.28	-1.49	1.74	1.59	-0.42	10.41

RUN	POINT	Harmonics															
52	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.94	0.62	0.52	-3.00	-2.57	-0.57	0.29	0.51	0.14	-0.07	0.00	0.15	0.28	0.07	0.04	-0.05
ACT1FORCE_SIN		0.00	7.87	1.82	0.20	0.05	-0.97	-0.54	-0.09	0.01	0.09	-0.12	0.01	0.22	0.09	0.17	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.59	-16.12	-13.08	28.11	25.21	5.40	-4.85	-0.01	0.00	-0.01	0.03	0.02	-0.01	-0.03	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-61.30	-14.02	-1.85	-1.05	7.36	6.76	-0.01	-0.02	-0.02	0.00	0.01	0.02	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.26	16.22	13.14	-28.14	-25.26	-5.48	4.81	0.01	0.00	0.01	-0.02	-0.01	0.01	0.02	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	61.40	14.04	1.95	1.15	-7.34	-6.80	0.00	0.02	0.02	0.01	-0.01	-0.02	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4051.54	-1431.94	-88.00	243.48	-11.70	-45.42	-26.86	-75.11	25.12	25.07	-13.19	11.92	9.24	-4.96	-33.94	6.27
MRBLD1CB42P75_SIN		0.00	-184.16	-79.24	56.35	49.95	-8.04	6.52	83.43	-21.03	27.31	-28.50	-19.91	-14.91	-14.49	-32.61	-17.86

RUN	POINT	Harmonics															
52	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2753.18	-730.00	252.34	178.43	42.16	-17.68	-60.82	-61.23	11.11	28.55	4.97	8.55	3.76	-2.60	-23.57	-1.86
MRBLD1CB70_SIN		0.00	-105.96	-83.02	67.40	145.85	-1.21	23.39	69.77	-2.79	25.84	-26.62	-14.65	-9.18	-6.16	-20.37	-16.14
MRBLD1CB120_COS		-561.64	-215.10	404.96	137.56	50.60	46.29	-41.67	-16.15	-22.42	3.14	25.38	2.51	-5.19	-1.72	7.27	7.65
MRBLD1CB120_SIN		0.00	32.90	-125.54	-2.09	148.70	5.28	24.30	25.64	2.40	-11.17	22.73	9.08	5.50	6.46	3.12	-1.36
MRBLD1CB164_COS		-1985.87	-75.33	134.21	14.15	-20.04	18.23	-12.63	22.27	-16.90	-1.34	13.10	4.62	1.05	-0.37	4.78	-7.25
MRBLD1CB164_SIN		0.00	56.02	-43.31	10.58	63.05	11.55	6.29	-14.88	-0.24	-20.24	26.49	13.49	5.64	1.65	12.07	12.45
MRBLD1FB42P75_COS		3094.29	108.94	-454.01	366.60	-145.34	32.24	0.18	-66.50	-16.33	28.73	41.42	26.82	15.07	-8.97	-68.54	-4.36
MRBLD1FB42P75_SIN		0.00	3.72	-84.51	105.42	43.05	39.07	15.45	192.27	-41.83	-34.52	-16.04	-38.18	-20.39	-3.83	8.86	-46.08
MRBLD1FB70_COS		403.55	-89.99	-237.57	86.99	-62.20	5.03	3.51	-6.17	-0.28	1.37	-2.74	-4.03	-1.97	0.91	14.08	0.28
MRBLD1FB70_SIN		0.00	-142.22	-24.35	30.87	-1.09	2.96	3.48	37.30	-3.33	1.95	2.42	2.28	1.68	0.40	-0.26	10.20
MRBLD1FB87_COS		-82.43	-47.54	-185.58	18.16	-48.49	-11.96	-3.96	6.72	5.70	-1.21	-1.45	-1.22	-1.44	1.47	14.12	0.63
MRBLD1FB87_SIN		0.00	-134.42	14.55	51.63	7.56	-1.08	-3.08	-20.27	1.17	4.25	4.79	10.45	7.02	3.45	-0.02	10.05
MRBLD1FB120_COS		-466.59	-37.91	-261.42	-1.93	-13.17	-9.71	-0.93	11.77	-0.33	-1.70	-0.81	0.74	2.31	-0.05	-19.54	-0.71
MRBLD1FB120_SIN		0.00	-171.29	36.06	104.85	30.23	6.98	0.39	-47.75	11.48	-0.12	-9.18	-9.28	-5.88	-5.87	-1.45	-14.04
MRBLD1FB164_COS		-106.33	-0.92	-388.47	77.34	150.17	38.57	28.30	-18.70	-0.35	6.59	1.44	2.44	5.99	2.62	7.70	1.84
MRBLD1FB164_SIN		0.00	-216.99	22.94	97.65	31.01	-29.33	-14.42	50.71	-13.07	8.00	12.88	12.74	3.53	-0.44	1.36	12.26

RUN	POINT	Harmonics															
52	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-178.71	4.25	-229.76	57.90	130.04	30.30	8.24	-17.58	3.06	3.70	1.24	-0.35	-0.29	-0.69	-23.02	1.22
MRBLD1FB180_SIN		0.00	-152.19	9.00	36.33	6.95	-31.96	-14.34	44.60	-23.54	-5.34	-0.20	8.64	-2.31	-4.24	-1.04	-16.46
MRBLD1TOR51_COS		-1386.28	42.22	-31.73	65.21	-15.56	-9.95	8.68	4.25	5.72	2.64	0.57	1.32	2.94	0.30	-6.24	2.83
MRBLD1TOR51_SIN		0.00	-35.80	-9.37	27.35	5.55	1.98	-4.08	46.45	1.27	-0.96	-4.19	-0.52	0.60	0.62	-4.27	-3.83
MRBLD1TOR71_COS		-244.91	49.87	-36.31	42.79	-10.18	-8.38	10.02	9.19	2.95	-0.54	-1.07	-0.40	1.56	1.04	-2.16	1.75
MRBLD1TOR71_SIN		0.00	-39.23	-12.18	10.63	-1.83	0.73	-1.78	37.70	3.17	-0.87	-3.16	1.33	1.61	1.37	-2.40	-1.54
MRBLD1TOR130_COS		-12.36	47.80	-14.25	26.98	3.50	-9.29	5.63	4.20	1.59	0.56	0.17	2.08	0.19	-0.92	0.95	-2.67
MRBLD1TOR130_SIN		0.00	-33.00	-6.88	2.25	3.98	4.28	0.79	31.74	2.09	2.87	2.53	2.62	0.49	-1.00	-0.25	2.49
MRBLD1TOR164_COS		-210.17	33.04	48.40	3.72	-14.66	-12.22	-5.00	1.04	0.62	2.50	2.50	0.72	-0.86	0.30	0.53	0.59
MRBLD1TOR164_SIN		0.00	-10.41	-1.43	-18.58	-9.15	6.46	4.04	13.72	0.51	0.63	2.31	3.22	1.12	-0.48	-2.86	0.81
MRFBM1CB26P5_COS		-4728.03	-618.37	-76.52	80.55	0.15	-12.85	9.49	-6.15	3.81	-0.87	-2.54	1.49	1.91	-0.11	-1.19	4.54
MRFBM1CB26P5_SIN		0.00	-135.32	-9.63	-10.16	-21.31	-7.59	-5.45	4.57	-7.31	-0.58	0.24	-0.08	-0.30	-0.15	-3.11	-0.14
MRFBM1FB9_COS		311.22	-9.23	201.74	-74.62	20.23	0.16	1.44	10.28	-1.56	-1.84	-1.66	-1.57	-1.02	-0.20	0.61	-1.15
MRFBM1FB9_SIN		0.00	11.11	61.87	-64.23	-4.55	-5.07	0.93	-5.52	0.99	-0.99	-0.47	0.03	-0.22	0.50	2.18	0.46
MRFBM1TOR26P5_COS		-364.16	95.62	-0.38	0.33	-0.34	0.22	-0.08	0.24	-0.03	-0.02	-0.11	-0.03	-0.01	0.00	-0.06	0.01
MRFBM1TOR26P5_SIN		0.00	-69.11	-0.36	0.40	-0.22	-0.01	-0.02	0.22	0.16	0.00	-0.02	-0.11	0.03	0.03	0.13	-0.05

RUN	POINT	Harmonics															
52	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1204.35	-1361.53	-170.62	257.26	-31.28	-32.42	-5.38	-57.64	16.26	18.34	-5.68	13.01	8.87	-3.82	-28.19	12.32
MRPC1CB33P25_SIN		0.00	-150.33	-52.00	21.27	-0.10	-1.02	-1.87	66.54	-25.85	11.50	-12.17	-12.54	-8.87	-9.19	-27.25	-15.64
MRPC1FB33P25_COS		2283.02	58.35	-343.94	279.10	-127.26	13.02	-6.06	-127.72	8.24	42.41	41.97	45.41	23.10	-3.77	-49.62	37.55
MRPC1FB33P25_SIN		0.00	122.81	-133.00	160.04	9.07	38.96	11.51	121.43	-40.47	-10.30	10.74	-7.14	-3.01	-8.80	-55.48	-28.61
MRPC1TOR25P5_COS		-791.99	-36.35	29.72	-72.27	13.17	3.05	-16.36	-13.92	-7.01	-0.61	-0.01	1.37	-3.14	-1.91	3.03	-0.26
MRPC1TOR25P5_SIN		0.00	104.77	-35.86	-9.51	2.12	0.66	4.79	-45.18	-5.27	2.62	4.00	0.50	-1.77	-1.98	-5.74	2.08
MRPLK1LOAD_COS		-89.54	10.63	3.82	-7.95	1.92	0.61	-1.89	-1.51	-0.82	0.16	0.21	0.09	-0.49	-0.11	1.17	-0.30
MRPLK1LOAD_SIN		0.00	-13.12	-1.08	-2.28	-0.07	0.26	0.51	-6.56	-0.56	0.25	0.87	0.23	-0.21	-0.50	-1.14	0.40
PITCHRH_COS		10437.11	-8414.86	-468.44	-95.72	-61.03	-450.77	-40.19	-8.61	-1.93	47.76	260.25	-42.59	27.35	3.54	39.55	-228.03
PITCHRH_SIN		0.00	2471.23	-539.16	33.49	70.95	-66.30	253.97	-40.56	12.36	-83.50	-275.73	-21.77	8.26	-30.52	-3.22	-185.03
ROLLRH_COS		999.79	-2020.07	551.59	-54.21	-93.51	-113.73	-152.85	18.15	77.78	8.89	132.74	-18.60	30.31	-50.64	54.62	35.15
ROLLRH_SIN		0.00	-8232.61	-635.55	-63.69	139.47	-238.78	-175.15	-7.96	-14.76	33.01	-17.86	-32.22	29.90	-15.69	-34.04	-391.02
TORQ_COS		30739.51	488.37	5.85	-20.92	-53.87	136.71	-5.43	-4.73	-14.74	4.67	27.57	2.45	0.98	-2.07	-6.60	2.61
TORQ_SIN		0.00	493.83	-11.74	12.98	42.32	49.21	6.90	9.07	15.92	-5.51	-5.50	9.94	-5.11	5.51	-7.73	21.70
THRUST_COS		5767.44	-64.13	6.36	-0.58	7.47	-13.14	0.71	0.26	1.65	-0.43	-11.26	5.52	-1.55	-1.06	3.22	-12.51
THRUST_SIN		0.00	-13.23	8.79	7.17	4.23	-33.04	2.82	9.33	0.51	0.74	1.88	-0.52	-0.36	-0.02	1.97	23.86

RUN	POINT	Harmonics															
52	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.38	-16.11	-15.05	-2.95	-33.58	33.13	7.58	-0.97	-1.25	-0.49	-6.31	1.00	-1.45	1.49	-1.88	-0.36
SIDERH_SIN		0.00	196.51	13.51	1.02	-48.73	-6.62	11.87	-0.14	1.60	-2.26	0.45	2.12	-0.90	0.62	0.92	11.68
DRAGRH_COS		-241.10	222.52	9.94	0.60	-12.27	32.89	-8.36	1.20	0.75	-0.85	-10.19	3.40	-0.94	0.49	-1.64	10.25
DRAGRH_SIN		0.00	-51.90	18.05	-0.43	13.35	12.60	-31.82	2.68	0.16	4.66	22.79	-1.22	1.48	1.99	-0.43	8.60

RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.87	0.70	0.62	-2.97	-2.54	-0.50	0.34	0.53	0.11	-0.08	-0.02	0.15	0.28	0.07	0.06	-0.05
ACT1FORCE_SIN		0.00	7.68	1.85	0.22	-0.11	-0.91	-0.47	-0.02	0.07	0.03	-0.13	-0.02	0.24	0.08	0.12	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.00	-16.60	-12.33	28.57	24.79	4.80	-4.84	-0.01	0.00	-0.01	0.03	0.02	0.00	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-59.27	-14.27	-3.08	-0.28	7.89	6.24	-0.02	-0.02	-0.02	-0.01	0.00	0.01	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.85	16.70	12.40	-28.60	-24.84	-4.88	4.80	0.00	0.00	0.01	-0.02	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	59.36	14.31	3.17	0.39	-7.87	-6.28	0.00	0.01	0.01	0.01	0.00	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4027.34	-1617.21	-107.41	238.64	-3.69	-34.97	-26.05	-79.71	30.42	23.01	-27.56	18.60	6.05	-9.90	-37.07	5.85
MRBLD1CB42P75_SIN		0.00	-316.32	-92.07	58.58	29.43	-7.35	8.68	62.86	-25.39	30.00	-26.20	-23.89	-11.62	-12.30	-35.81	-17.13

RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.92	-845.41	242.11	173.44	52.73	0.89	-60.42	-67.05	13.46	26.80	-1.57	11.36	0.99	-6.11	-24.68	-3.14
MRBLD1CB70_SIN		0.00	-196.57	-92.12	67.42	122.17	5.70	14.33	53.32	-9.24	27.61	-21.18	-17.38	-8.02	-4.81	-21.80	-15.96
MRBLD1CB120_COS		-558.23	-257.71	402.05	133.78	53.58	64.15	-40.59	-23.34	-23.26	2.21	33.41	0.31	-3.37	-1.07	7.20	7.17
MRBLD1CB120_SIN		0.00	-11.07	-130.19	-4.85	122.03	14.93	4.98	18.30	-0.70	-12.64	20.15	11.07	3.20	4.82	2.65	-1.73
MRBLD1CB164_COS		-1985.50	-83.79	135.69	12.45	-16.59	26.10	-10.86	20.48	-18.33	-1.60	19.25	2.69	2.09	1.54	6.00	-5.52
MRBLD1CB164_SIN		0.00	45.44	-43.30	10.88	50.80	16.55	-2.79	-11.54	-0.52	-24.03	20.70	14.13	4.19	0.92	13.91	13.48
MRBLD1FB42P75_COS		3086.87	161.13	-470.84	356.60	-174.45	29.51	3.40	-97.18	-11.03	21.43	19.55	32.56	13.87	-15.69	-81.74	-4.07
MRBLD1FB42P75_SIN		0.00	27.41	-86.29	115.57	-9.16	30.92	16.23	164.36	-49.13	-32.81	-18.58	-47.24	-19.74	-0.05	8.49	-45.01
MRBLD1FB70_COS		402.85	-91.23	-242.32	83.00	-69.62	5.25	4.14	-11.88	0.96	2.07	-2.38	-4.10	-1.83	1.94	16.84	0.50
MRBLD1FB70_SIN		0.00	-142.96	-25.87	35.65	-17.09	1.19	3.19	31.63	-4.61	2.18	3.11	2.71	1.72	-0.14	-0.25	10.07
MRBLD1FB87_COS		-83.37	-48.97	-186.80	16.46	-50.23	-11.47	-3.81	8.83	4.62	-0.12	3.36	-2.72	-1.37	3.12	17.03	0.51
MRBLD1FB87_SIN		0.00	-132.73	13.30	54.49	1.21	-0.77	-2.47	-17.94	2.01	3.67	4.26	12.48	6.50	2.50	0.10	9.56
MRBLD1FB120_COS		-466.11	-40.47	-263.75	-3.57	-11.19	-8.87	0.46	20.27	-1.50	-2.38	-2.70	1.79	2.16	-1.79	-23.95	-1.40
MRBLD1FB120_SIN		0.00	-165.41	35.90	109.21	31.61	7.72	0.42	-40.73	13.25	-0.26	-9.05	-10.32	-6.05	-5.10	-1.55	-13.39
MRBLD1FB164_COS		-105.56	-5.83	-402.29	78.13	151.64	33.80	24.70	-26.92	3.50	6.33	3.63	1.05	6.07	4.26	10.70	2.04
MRBLD1FB164_SIN		0.00	-206.67	19.63	97.67	51.37	-22.80	-14.73	41.77	-14.85	8.53	12.78	13.50	3.22	-1.46	0.35	9.87

RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.59	1.85	-238.19	59.55	129.72	26.19	5.83	-25.76	4.49	3.62	9.02	-2.96	0.61	-0.28	-26.55	1.46
MRBLD1FB180_SIN		0.00	-143.96	6.18	32.61	19.40	-27.39	-14.30	33.96	-25.95	-4.77	-0.44	12.55	-3.46	-4.94	-0.79	-13.63
MRBLD1TOR51_COS		-1386.35	38.60	-34.35	63.10	-18.79	-7.67	11.34	-2.64	4.67	2.24	2.14	0.57	2.49	-0.10	-7.14	1.70
MRBLD1TOR51_SIN		0.00	-36.83	-10.43	29.81	1.15	-1.32	-1.86	42.21	-0.45	-1.81	-3.76	-0.04	0.71	0.22	-5.66	-4.24
MRBLD1TOR71_COS		-245.16	48.44	-37.92	40.99	-12.98	-6.84	12.03	3.55	1.83	-0.64	1.06	-1.15	1.51	1.06	-2.48	1.24
MRBLD1TOR71_SIN		0.00	-38.54	-12.81	12.54	-3.56	-2.38	0.09	35.48	1.89	-1.39	-2.47	1.86	1.67	1.21	-3.28	-1.72
MRBLD1TOR130_COS		-12.49	45.65	-15.62	26.36	1.69	-8.44	7.07	-0.06	1.47	0.52	0.25	3.06	0.37	-0.74	1.49	-1.77
MRBLD1TOR130_SIN		0.00	-32.59	-7.71	3.39	5.53	1.94	1.92	29.84	1.27	2.62	1.71	2.14	0.45	-0.32	0.48	2.77
MRBLD1TOR164_COS		-210.14	31.67	49.91	3.84	-15.23	-11.25	-4.11	-0.82	0.31	2.84	3.22	1.10	-0.17	0.52	0.64	1.58
MRBLD1TOR164_SIN		0.00	-11.44	-1.54	-18.41	-10.84	4.87	4.58	12.87	0.12	0.99	2.55	2.85	0.60	-0.37	-2.64	1.50
MRFBM1CB26P5_COS		-4714.87	-709.45	-85.34	81.68	-0.66	-14.04	9.44	-6.25	4.42	-1.21	-4.45	2.36	2.11	-0.60	-2.06	4.69
MRFBM1CB26P5_SIN		0.00	-204.40	-15.03	-9.42	-20.75	-9.01	-2.56	3.28	-6.49	-0.65	-1.19	-0.38	-0.11	-0.57	-3.99	-0.10
MRFBM1FB9_COS		309.40	71.06	211.52	-71.66	20.66	-0.59	0.60	10.39	-2.01	-1.65	-1.29	-1.96	-0.87	0.03	0.58	-1.10
MRFBM1FB9_SIN		0.00	20.50	67.66	-65.58	2.65	-4.68	0.43	-3.17	1.09	-0.75	0.08	-0.08	-0.22	0.75	2.47	0.44
MRFBM1TOR26P5_COS		-364.08	96.15	-0.31	0.34	-0.32	0.25	0.01	0.19	-0.04	0.00	-0.09	-0.06	-0.01	0.01	-0.07	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.64	-0.24	0.46	-0.22	0.01	0.02	0.19	0.13	-0.01	0.01	-0.08	0.04	0.03	0.13	-0.06

RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1184.19	-1526.33	-190.26	253.52	-29.91	-28.25	-3.98	-62.35	20.10	16.19	-17.17	18.39	7.02	-7.70	-31.77	12.07
MRPC1CB33P25_SIN		0.00	-257.35	-63.30	23.03	-16.93	-3.02	2.39	50.29	-27.82	12.95	-13.22	-15.14	-6.78	-8.26	-30.76	-15.02
MRPC1FB33P25_COS		2275.05	105.63	-358.70	269.44	-139.12	13.59	-4.40	-139.96	15.69	36.80	27.57	55.59	22.02	-10.89	-57.09	36.88
MRPC1FB33P25_SIN		0.00	147.53	-135.98	167.23	-40.48	32.28	12.51	87.67	-44.23	-13.02	-3.38	-10.86	-3.16	-11.17	-66.44	-28.24
MRPC1TOR25P5_COS		-792.59	-25.62	28.81	-70.13	17.56	1.59	-20.01	-6.40	-5.34	-0.09	-3.15	3.86	-2.65	-2.37	3.71	2.02
MRPC1TOR25P5_SIN		0.00	107.66	-32.86	-10.79	4.42	5.07	2.73	-42.30	-3.94	3.94	2.92	-0.93	-1.61	-1.30	-5.66	2.87
MRPLK1LOAD_COS		-89.44	10.72	4.11	-7.73	2.58	0.33	-2.34	-0.49	-0.66	0.20	-0.19	0.46	-0.39	-0.18	1.35	0.13
MRPLK1LOAD_SIN		0.00	-13.22	-0.96	-2.67	0.41	0.77	0.15	-6.06	-0.37	0.41	0.71	0.02	-0.22	-0.39	-1.09	0.59
PITCHRH_COS		9101.85	-8432.28	-461.28	-91.91	-66.65	-576.29	-5.97	-10.18	-13.22	66.39	259.97	-31.98	30.10	2.70	50.67	-257.40
PITCHRH_SIN		0.00	2491.87	-523.33	25.90	79.82	-199.82	204.18	-37.90	39.17	-65.90	-284.48	-19.12	15.04	-35.11	-6.14	-202.13
ROLLRH_COS		757.58	-2042.63	548.57	-43.28	-96.70	161.12	-129.57	30.35	63.81	-40.54	143.31	-7.64	40.60	-58.18	34.21	103.03
ROLLRH_SIN		0.00	-8275.54	-634.23	-67.35	146.29	-453.82	-193.48	14.92	-20.66	56.77	-49.44	-20.45	22.63	-19.91	-39.47	-415.04
TORQ_COS		31053.52	487.47	6.91	-21.97	-64.02	133.65	-6.09	-4.98	-14.27	2.84	34.56	2.95	1.23	-2.74	-8.19	5.35
TORQ_SIN		0.00	456.97	-13.71	10.05	47.84	52.70	9.49	7.60	14.34	-7.28	-4.47	10.67	-8.25	5.78	-7.68	22.87
THRUST_COS		5756.03	-64.82	6.84	-2.19	8.94	-14.02	0.40	-1.24	1.99	0.09	-5.00	5.94	-2.19	-0.30	5.44	-13.61
THRUST_SIN		0.00	-11.39	8.41	7.86	4.01	-30.20	1.75	8.82	0.68	0.60	4.30	-0.60	-1.92	0.36	0.00	25.22

RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.56	-17.04	-14.71	-3.56	-38.93	29.87	6.80	-1.08	-0.97	1.68	-6.75	0.50	-1.69	1.89	-1.16	-2.29
SIDERH_SIN		0.00	199.71	12.88	0.25	-47.73	18.61	8.60	-0.71	2.06	-3.19	2.03	1.87	-0.57	0.93	1.33	12.49
DRAGRH_COS		-250.63	223.02	9.33	0.57	-13.73	16.87	-11.72	-0.28	1.63	-1.20	-10.42	2.83	-0.25	0.28	-2.33	11.95
DRAGRH_SIN		0.00	-52.06	17.23	-0.28	14.94	-7.37	-29.80	2.28	-1.24	3.50	24.83	-0.96	1.81	1.62	-0.79	9.07

RUN	POINT	Harmonics															
52	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.83	0.71	0.51	-2.95	-2.62	-0.52	0.27	0.52	0.14	-0.08	-0.01	0.13	0.26	0.07	0.04	-0.05
ACT1FORCE_SIN		0.00	7.68	1.92	0.21	-0.06	-0.88	-0.54	0.01	-0.01	0.05	-0.13	-0.02	0.23	0.06	0.15	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.04	-16.52	-11.41	27.46	25.40	4.63	-5.12	-0.03	0.00	0.00	0.03	0.03	0.00	-0.02	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-58.55	-15.13	-3.34	0.96	7.30	6.15	-0.01	-0.04	-0.03	0.00	0.01	0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.80	16.59	11.47	-27.50	-25.46	-4.69	5.09	0.02	0.01	0.01	-0.02	-0.02	0.01	0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	58.65	15.17	3.41	-0.90	-7.29	-6.18	0.00	0.03	0.03	0.01	-0.01	-0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-4054.26	-1454.01	-87.49	233.71	-9.05	-42.95	-24.58	-67.11	26.98	26.18	-11.89	9.76	7.55	-7.62	-41.03	0.58
MRBLD1CB42P75_SIN		0.00	-215.53	-80.10	42.28	38.33	-12.56	7.87	70.71	-20.11	30.03	-28.67	-24.54	-16.14	-16.68	-32.65	-22.59

RUN	POINT	Harmonics															
52	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.28	-746.49	254.81	172.42	38.97	-15.12	-60.82	-56.16	11.01	29.19	6.10	7.36	2.06	-4.01	-28.50	-7.76
MRBLD1CB70_SIN		0.00	-128.33	-82.26	53.64	130.67	-5.57	20.68	58.09	-2.52	27.32	-24.16	-17.61	-9.85	-7.13	-21.09	-19.09
MRBLD1CB120_COS		-564.48	-222.74	410.02	133.86	44.62	48.03	-41.51	-13.43	-24.06	2.75	25.55	5.04	-4.24	-1.39	7.21	6.89
MRBLD1CB120_SIN		0.00	24.35	-125.42	-17.00	131.55	3.11	17.25	17.90	1.91	-12.86	22.64	10.58	4.63	6.44	2.31	-2.21
MRBLD1CB164_COS		-1986.19	-76.82	137.28	13.01	-22.33	19.56	-13.65	20.76	-17.74	-1.80	13.23	6.02	2.43	0.47	8.23	-2.50
MRBLD1CB164_SIN		0.00	55.22	-42.09	4.77	54.63	11.61	2.86	-13.76	-0.76	-21.87	24.40	14.70	5.76	2.34	13.71	15.30
MRBLD1FB42P75_COS		3097.46	116.28	-459.14	334.98	-149.80	32.64	7.69	-59.58	-14.68	29.38	37.26	22.44	10.66	-16.36	-78.15	-20.36
MRBLD1FB42P75_SIN		0.00	10.65	-89.44	83.15	17.33	41.29	15.11	163.59	-40.58	-33.55	-23.04	-42.78	-23.15	-2.99	21.53	-42.17
MRBLD1FB70_COS		403.45	-89.26	-238.65	76.90	-64.04	5.09	4.92	-5.17	0.21	1.88	-2.52	-4.04	-1.79	1.79	16.25	4.00
MRBLD1FB70_SIN		0.00	-142.56	-26.13	22.96	-9.25	2.89	2.78	31.44	-3.58	1.96	2.66	2.71	1.98	0.25	-2.70	9.49
MRBLD1FB87_COS		-83.12	-47.16	-186.19	13.11	-49.40	-11.73	-4.26	5.83	5.03	-1.81	-1.07	-0.14	-0.50	3.10	15.79	3.17
MRBLD1FB87_SIN		0.00	-134.16	13.71	47.56	4.43	-0.76	-3.19	-17.86	0.77	3.85	5.85	10.99	6.98	2.84	-3.17	8.82
MRBLD1FB120_COS		-466.23	-37.12	-263.09	-6.34	-14.17	-8.78	-1.92	11.34	-0.46	-1.91	-0.78	0.24	1.51	-1.36	-21.47	-4.67
MRBLD1FB120_SIN		0.00	-171.37	36.46	103.45	31.28	8.25	1.63	-39.63	11.68	-0.08	-9.29	-9.50	-5.84	-4.65	2.95	-12.37
MRBLD1FB164_COS		-103.48	-1.58	-394.50	70.92	151.19	37.45	28.33	-14.92	-0.46	6.48	0.52	3.31	6.14	3.99	9.34	3.41
MRBLD1FB164_SIN		0.00	-219.23	22.26	96.36	41.18	-26.53	-15.56	40.22	-15.05	7.62	13.41	13.18	3.50	-0.72	-1.11	10.98

RUN	POINT	Harmonics															
52	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.66	2.64	-234.18	54.66	130.41	28.17	9.11	-15.32	2.19	2.37	1.31	2.60	1.99	1.07	-24.13	-3.07
MRBLD1FB180_SIN		0.00	-152.93	8.24	35.11	13.73	-29.87	-15.18	34.01	-24.85	-5.53	2.96	11.21	-1.17	-3.07	4.10	-14.56
MRBLD1TOR51_COS		-1385.67	41.17	-31.75	62.45	-14.85	-9.21	9.11	5.23	4.97	2.58	0.56	1.46	3.12	0.77	-7.15	2.02
MRBLD1TOR51_SIN		0.00	-35.72	-9.98	24.07	4.45	1.27	-3.21	40.55	0.16	-1.16	-4.03	-0.03	1.08	1.08	-3.20	-4.40
MRBLD1TOR71_COS		-244.79	49.32	-36.29	41.08	-9.61	-7.76	10.04	9.25	2.32	-0.47	-0.99	0.03	1.88	1.51	-2.55	1.34
MRBLD1TOR71_SIN		0.00	-38.73	-12.56	8.86	-1.75	0.04	-1.11	33.33	2.07	-1.07	-2.70	2.10	2.33	2.11	-1.71	-1.61
MRBLD1TOR130_COS		-12.43	46.94	-14.52	26.38	3.97	-8.69	5.34	4.56	1.17	0.68	0.40	2.52	0.26	-1.25	0.91	-2.40
MRBLD1TOR130_SIN		0.00	-32.78	-7.10	1.66	5.22	3.58	1.42	28.06	1.47	2.88	2.29	2.12	0.19	-1.24	-1.07	2.41
MRBLD1TOR164_COS		-210.50	32.40	49.02	4.58	-14.37	-11.65	-5.13	0.72	0.30	2.46	2.71	1.23	-0.62	-0.14	-0.42	0.18
MRBLD1TOR164_SIN		0.00	-10.09	-1.32	-18.27	-9.93	5.88	4.32	12.23	0.41	0.77	2.77	2.90	0.69	-0.74	-3.51	0.32
MRFBM1CB26P5_COS		-4736.59	-630.38	-77.23	78.83	2.26	-12.58	10.08	-5.71	4.35	-1.00	-2.60	1.32	2.05	-0.59	-2.08	4.28
MRFBM1CB26P5_SIN		0.00	-152.71	-10.93	-11.75	-20.20	-8.41	-4.43	3.95	-7.02	-0.51	-0.84	-0.48	-0.53	-0.68	-3.03	-0.93
MRFBM1FB9_COS		317.64	1.04	202.73	-69.16	19.37	0.16	0.65	8.84	-1.55	-1.80	-1.81	-1.63	-1.03	-0.11	0.99	-0.97
MRFBM1FB9_SIN		0.00	17.52	65.69	-55.58	-1.26	-5.09	0.58	-4.61	0.95	-0.98	-0.25	0.33	-0.04	0.81	2.42	1.03
MRFBM1TOR26P5_COS		-364.17	95.77	-0.35	0.31	-0.32	0.23	-0.06	0.24	-0.04	-0.02	-0.12	-0.05	-0.01	0.02	-0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-68.78	-0.33	0.41	-0.20	0.00	-0.02	0.18	0.15	0.00	-0.01	-0.08	0.05	0.04	0.16	-0.04

RUN	POINT	Harmonics															
52	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1204.77	-1380.68	-170.84	247.07	-26.72	-31.10	-3.12	-50.93	17.55	19.57	-5.03	11.83	7.86	-6.14	-34.73	6.97
MRPC1CB33P25_SIN		0.00	-174.99	-52.88	10.17	-8.27	-4.12	0.03	56.48	-24.76	13.32	-14.19	-16.07	-10.49	-11.29	-26.97	-20.58
MRPC1FB33P25_COS		2286.13	65.01	-347.24	257.63	-125.25	12.83	-0.08	-110.79	9.33	42.82	43.31	45.46	22.50	-8.84	-66.06	25.15
MRPC1FB33P25_SIN		0.00	129.30	-137.75	136.46	-13.38	40.55	13.71	101.67	-38.74	-9.31	3.45	-13.65	-8.32	-13.93	-56.44	-41.12
MRPC1TOR25P5_COS		-792.34	-34.30	29.14	-69.44	12.44	2.62	-16.99	-13.94	-6.13	-0.46	0.33	1.52	-3.32	-3.06	1.75	-0.81
MRPC1TOR25P5_SIN		0.00	104.76	-35.64	-7.39	2.13	1.46	3.98	-39.80	-3.96	3.09	3.73	-0.98	-2.64	-2.87	-8.16	0.68
MRPLK1LOAD_COS		-89.47	10.78	3.84	-7.56	1.90	0.52	-1.95	-1.58	-0.72	0.20	0.30	0.21	-0.47	-0.30	1.04	-0.37
MRPLK1LOAD_SIN		0.00	-13.22	-0.99	-2.00	-0.01	0.35	0.40	-5.70	-0.40	0.31	0.81	0.00	-0.35	-0.62	-1.63	0.23
PITCHRH_COS		10230.15	-8554.97	-460.39	-101.40	-61.83	-438.98	1.42	-24.97	-0.09	39.96	255.96	-48.23	29.37	-14.56	39.99	-307.61
PITCHRH_SIN		0.00	2572.22	-528.68	34.63	64.62	-98.66	268.97	-55.88	9.80	-94.61	-280.62	-17.57	7.26	-31.78	-14.34	-175.43
ROLLRH_COS		826.13	-2128.84	533.63	-56.44	-75.93	-35.74	-157.85	12.94	72.52	24.05	115.44	-15.06	44.00	-48.13	50.17	13.82
ROLLRH_SIN		0.00	-8406.61	-632.32	-66.30	143.54	-298.71	-181.36	-10.81	-12.10	37.12	-22.08	-33.67	20.32	-8.97	-41.51	-468.88
TORQ_COS		30587.24	483.96	4.46	-19.28	-49.78	134.22	-6.53	-3.75	-18.25	3.08	28.00	3.44	0.80	-2.21	-8.45	5.46
TORQ_SIN		0.00	467.75	-12.73	13.21	47.48	58.54	6.99	9.19	16.95	-5.77	-1.72	8.93	-4.38	5.82	-8.08	24.10
THRUST_COS		5784.94	-62.62	6.38	-0.53	6.43	-12.58	0.39	1.75	2.06	-0.63	-10.96	6.60	-2.01	-0.56	3.47	-6.80
THRUST_SIN		0.00	-13.07	8.58	8.28	4.86	-32.73	2.89	8.66	0.69	0.64	4.71	-1.42	-0.51	0.68	2.47	27.80

RUN	POINT	Harmonics															
52	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.63	-14.57	-14.38	-2.80	-36.42	34.58	7.86	-0.94	-0.98	-1.23	-5.57	0.78	-1.89	1.47	-1.70	0.31
SIDERH_SIN		0.00	206.08	13.26	1.52	-48.91	2.69	11.58	-0.56	1.79	-2.37	0.37	2.36	-0.47	0.46	1.17	13.92
DRAGRH_COS		-240.52	226.89	9.46	0.85	-11.04	22.46	-11.37	0.28	1.00	-0.74	-9.91	3.77	-0.55	1.45	-1.57	14.22
DRAGRH_SIN		0.00	-54.78	17.60	-0.80	15.52	9.37	-33.68	2.40	0.60	5.24	23.46	-1.31	1.64	1.89	0.00	7.87

RUN	POINT	Harmonics															
52	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.12	0.76	0.65	-2.85	-2.55	-0.64	0.27	0.47	0.16	-0.01	-0.03	0.15	0.23	0.07	0.05	-0.06
ACT1FORCE_SIN		0.00	7.52	1.81	0.20	0.08	-0.92	-0.54	-0.11	-0.01	0.09	-0.12	0.03	0.21	0.08	0.12	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.16	-17.11	-13.82	26.72	25.32	6.01	-5.01	-0.01	0.00	-0.01	0.02	0.01	0.00	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-59.03	-13.75	-2.30	-1.56	7.21	7.81	-0.02	-0.03	-0.02	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.68	17.20	13.89	-26.75	-25.36	-6.08	4.96	0.01	0.01	0.02	-0.01	0.00	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	59.12	13.78	2.39	1.66	-7.18	-7.85	0.00	0.02	0.02	0.01	0.00	-0.01	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-4089.28	-1452.26	-86.59	229.25	7.78	-39.60	-24.56	-73.91	22.34	21.01	-11.73	8.78	5.23	-7.62	-37.18	1.61
MRBLD1CB42P75_SIN		0.00	-163.52	-77.90	40.26	30.93	-2.01	9.02	86.28	-16.84	33.35	-22.87	-23.38	-18.12	-16.02	-27.87	-25.33

RUN	POINT	Harmonics															
52	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2730.93	-738.47	254.50	170.81	60.07	-13.55	-57.34	-59.16	8.46	24.47	8.35	5.80	0.76	-3.10	-24.45	-6.40
MRBLD1CB70_SIN		0.00	-93.50	-80.46	51.51	120.79	7.40	21.79	70.72	0.24	31.55	-19.06	-17.37	-10.73	-6.47	-20.23	-20.71
MRBLD1CB120_COS		-562.59	-214.95	407.85	133.56	63.05	49.93	-36.10	-13.25	-21.86	3.10	22.12	4.52	-3.28	-0.49	7.38	7.52
MRBLD1CB120_SIN		0.00	37.29	-126.44	-18.30	118.79	16.28	19.91	25.45	3.29	-13.21	20.64	9.96	5.58	6.53	3.03	-1.87
MRBLD1CB164_COS		-1986.14	-75.16	135.63	11.70	-15.89	18.65	-10.38	22.72	-14.98	0.53	9.53	5.87	2.44	-0.17	5.74	-4.36
MRBLD1CB164_SIN		0.00	57.77	-42.41	3.18	50.53	15.86	3.59	-15.59	-0.99	-24.27	20.54	14.67	6.47	2.16	13.63	16.27
MRBLD1FB42P75_COS		3118.35	108.64	-456.41	321.18	-146.27	41.95	2.50	-64.04	-15.00	23.66	27.73	22.54	7.61	-13.31	-62.02	-22.81
MRBLD1FB42P75_SIN		0.00	-5.45	-92.98	73.22	-1.73	49.51	19.91	191.33	-39.08	-36.00	-15.05	-41.93	-24.79	-3.64	24.11	-47.38
MRBLD1FB70_COS		404.39	-91.29	-239.03	71.29	-61.37	7.83	4.50	-5.91	-0.54	0.83	-2.53	-3.67	-1.36	1.51	13.46	4.47
MRBLD1FB70_SIN		0.00	-143.68	-27.88	18.24	-15.71	5.81	4.79	37.91	-2.28	2.38	2.41	2.35	2.21	0.55	-3.05	10.82
MRBLD1FB87_COS		-84.66	-48.18	-186.29	9.25	-48.72	-12.15	-3.86	6.83	5.43	-0.51	0.71	-0.54	-0.02	2.24	12.34	4.07
MRBLD1FB87_SIN		0.00	-134.65	13.20	44.07	1.58	-1.34	-4.03	-20.43	1.28	5.00	4.98	11.28	7.61	3.14	-3.70	9.75
MRBLD1FB120_COS		-471.13	-38.68	-261.34	-8.32	-13.13	-12.02	-2.71	10.70	-0.07	-1.12	-1.23	0.53	1.64	-0.15	-16.95	-5.70
MRBLD1FB120_SIN		0.00	-171.28	38.27	100.30	34.60	5.63	0.23	-48.66	9.32	-2.09	-10.02	-9.87	-6.90	-5.27	3.74	-13.51
MRBLD1FB164_COS		-101.94	-2.75	-387.86	73.51	150.26	37.85	31.98	-16.14	0.25	5.46	2.33	2.86	6.56	3.22	6.65	3.81
MRBLD1FB164_SIN		0.00	-218.90	22.82	91.92	47.60	-29.57	-11.42	52.82	-11.00	8.67	13.93	13.17	4.11	-0.59	-1.48	11.36

RUN	POINT	Harmonics															
52	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.04	2.77	-229.15	58.34	129.17	28.81	11.96	-14.70	2.03	2.34	4.23	0.45	2.42	3.00	-17.40	-3.08
MRBLD1FB180_SIN		0.00	-152.77	8.16	32.86	16.45	-31.33	-13.10	45.63	-21.16	-2.46	1.91	10.37	-3.45	-5.44	5.53	-15.07
MRBLD1TOR51_COS		-1383.42	41.84	-31.52	62.33	-13.02	-7.93	7.44	4.39	5.53	2.46	0.96	1.06	3.10	1.39	-6.18	1.62
MRBLD1TOR51_SIN		0.00	-34.15	-10.14	22.45	3.60	4.26	-1.63	45.48	1.43	-0.36	-2.86	-0.29	0.50	0.63	-1.64	-4.06
MRBLD1TOR71_COS		-243.33	49.34	-36.27	41.24	-8.54	-6.75	8.61	8.89	2.75	-0.49	-0.39	-0.33	1.90	1.95	-2.21	1.12
MRBLD1TOR71_SIN		0.00	-38.19	-12.92	7.61	-1.85	2.30	0.45	37.00	3.18	-0.43	-1.94	1.90	1.89	1.83	-0.93	-1.47
MRBLD1TOR130_COS		-11.17	46.96	-14.67	26.25	4.17	-7.74	4.28	3.63	1.33	0.18	-0.27	2.34	-0.14	-1.66	0.50	-1.90
MRBLD1TOR130_SIN		0.00	-31.96	-7.01	1.47	5.35	5.22	2.93	31.86	2.48	3.07	2.46	2.31	0.44	-0.65	-1.81	1.97
MRBLD1TOR164_COS		-210.25	32.83	48.30	4.11	-14.00	-11.37	-5.71	0.66	0.36	2.19	2.52	0.99	-0.62	-0.15	-0.48	0.69
MRBLD1TOR164_SIN		0.00	-9.12	-1.11	-17.66	-10.89	7.15	4.40	13.62	0.90	1.39	2.32	2.83	0.79	-0.17	-3.10	-0.09
MRFBM1CB26P5_COS		-4762.48	-628.37	-76.64	77.72	3.21	-11.62	9.19	-6.55	3.88	-0.66	-3.44	1.59	2.09	-0.44	-2.03	4.30
MRFBM1CB26P5_SIN		0.00	-127.83	-9.74	-10.84	-19.95	-7.65	-4.46	4.98	-7.16	-0.95	-0.88	-0.31	-0.80	-0.56	-1.69	-1.13
MRFBM1FB9_COS		343.01	-14.24	202.49	-67.07	17.90	-0.04	1.09	10.01	-1.42	-1.65	-1.50	-1.68	-1.07	-0.27	0.87	-1.30
MRFBM1FB9_SIN		0.00	6.86	65.44	-52.50	0.81	-6.74	0.22	-5.82	0.71	-0.92	-0.42	0.34	0.04	0.61	1.93	0.94
MRFBM1TOR26P5_COS		-364.08	95.92	-0.33	0.33	-0.30	0.24	-0.07	0.25	-0.04	-0.03	-0.10	-0.05	-0.02	0.01	-0.03	0.00
MRFBM1TOR26P5_SIN		0.00	-68.75	-0.35	0.39	-0.16	0.01	0.01	0.20	0.16	0.01	0.01	-0.09	0.05	0.02	0.17	-0.03

RUN	POINT	Harmonics															
52	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1231.85	-1381.80	-169.99	242.26	-16.58	-26.99	-4.15	-57.03	14.64	16.34	-7.44	11.36	6.12	-5.87	-31.18	7.59
MRPC1CB33P25_SIN		0.00	-130.30	-51.96	9.78	-14.11	3.42	1.05	68.68	-22.97	14.13	-11.21	-15.51	-12.03	-10.90	-20.90	-23.02
MRPC1FB33P25_COS		2303.07	59.18	-344.32	246.99	-118.18	17.99	-5.99	-124.78	8.37	38.98	31.71	44.40	21.17	-6.18	-58.81	28.46
MRPC1FB33P25_SIN		0.00	113.82	-138.98	126.27	-28.23	50.23	15.62	122.09	-37.24	-13.79	4.12	-13.03	-10.87	-11.80	-41.34	-46.34
MRPC1TOR25P5_COS		-795.38	-35.99	30.54	-70.20	11.43	1.08	-14.93	-13.91	-6.68	-0.86	-0.55	1.70	-3.43	-3.36	0.88	0.15
MRPC1TOR25P5_SIN		0.00	101.96	-34.89	-6.38	2.55	-0.94	2.14	-43.77	-4.86	2.02	2.44	-0.30	-2.11	-1.88	-8.99	-0.54
MRPLK1LOAD_COS		-89.94	10.71	3.89	-7.60	1.67	0.27	-1.72	-1.55	-0.80	0.18	0.11	0.25	-0.49	-0.31	0.89	-0.17
MRPLK1LOAD_SIN		0.00	-13.53	-1.01	-1.80	0.08	-0.03	0.15	-6.33	-0.56	0.17	0.63	0.08	-0.30	-0.42	-1.84	0.06
PITCHRH_COS		10403.00	-8637.36	-529.90	-106.43	-87.48	-426.17	-3.24	-17.53	-7.52	47.38	249.66	-40.17	15.74	-9.41	26.76	-287.13
PITCHRH_SIN		0.00	2662.93	-555.67	34.95	78.39	-118.03	298.82	-39.89	25.25	-74.92	-270.38	-2.49	13.86	-10.80	-18.69	-171.03
ROLLRH_COS		849.66	-2189.86	556.62	-58.19	-79.28	43.57	-171.91	11.06	76.30	17.55	126.95	-20.62	27.52	-35.52	49.98	5.56
ROLLRH_SIN		0.00	-8481.13	-653.44	-63.68	143.72	-269.79	-178.89	-3.99	-31.10	54.56	-22.08	-24.87	21.95	-7.80	2.30	-494.04
TORQ_COS		30115.28	482.81	5.88	-20.28	-72.60	129.23	-7.58	-1.46	-12.75	0.63	31.58	1.41	3.56	-2.16	-8.65	1.58
TORQ_SIN		0.00	470.47	-15.22	8.03	47.99	53.89	5.44	5.26	16.37	-5.66	-2.82	7.64	-5.46	5.09	-9.43	25.66
THRUST_COS		5857.04	-63.55	6.87	-1.26	9.72	-15.07	0.97	0.81	1.72	-1.36	-6.91	5.54	-0.66	-0.16	-0.77	-11.51
THRUST_SIN		0.00	-12.10	8.19	8.87	5.21	-37.93	2.37	7.49	0.87	0.88	3.55	-2.04	-0.59	-0.65	0.29	31.13

RUN	POINT	Harmonics															
52	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.46	-12.01	-15.17	-2.56	-40.11	29.62	9.62	-0.89	-1.43	-1.06	-6.17	1.15	-1.37	1.05	-1.51	0.38
SIDERH_SIN		0.00	207.25	13.84	0.78	-52.89	5.53	11.49	-0.77	2.46	-3.08	0.44	1.84	-0.59	0.40	-0.19	14.53
DRAGRH_COS		-237.99	229.02	11.68	1.50	-13.15	25.33	-12.81	-0.55	0.18	-0.97	-9.94	3.06	-0.79	0.76	-1.08	12.63
DRAGRH_SIN		0.00	-56.32	18.80	-0.93	14.99	5.64	-35.31	3.15	0.59	3.88	23.81	-2.02	1.94	1.19	0.39	7.51

RUN	POINT	Harmonics															
52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.72	0.73	0.37	-2.79	-2.53	-0.43	0.42	0.44	0.10	-0.10	0.03	0.15	0.23	0.06	0.04	-0.04
ACT1FORCE_SIN		0.00	7.33	1.94	0.14	-0.20	-0.86	-0.46	0.04	0.01	0.01	-0.11	-0.02	0.24	0.06	0.09	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.26	-16.31	-10.15	27.42	24.48	4.10	-4.45	-0.01	0.01	0.00	0.02	0.02	0.00	-0.03	-0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-57.66	-14.63	-2.70	0.85	7.84	5.56	-0.02	-0.02	-0.01	0.00	0.01	0.01	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.56	16.40	10.22	-27.46	-24.54	-4.17	4.42	0.00	0.00	0.01	-0.01	-0.01	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	57.76	14.67	2.80	-0.76	-7.82	-5.61	0.00	0.02	0.01	-0.01	-0.01	0.00	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4004.38	-1665.13	-80.68	230.87	-7.47	-37.03	-25.74	-78.28	27.85	26.03	-17.69	14.71	4.52	-11.29	-36.75	4.70
MRBLD1CB42P75_SIN		0.00	-368.82	-91.68	52.24	12.87	-5.59	10.57	78.72	-19.65	30.04	-20.83	-22.75	-11.49	-13.52	-35.34	-18.56

RUN	POINT	Harmonics															
52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2780.65	-877.89	253.12	174.27	48.84	-3.50	-61.15	-63.77	11.34	30.34	8.49	9.38	0.82	-5.72	-24.41	-3.60
MRBLD1CB70_SIN		0.00	-230.71	-89.28	59.61	99.76	3.31	11.44	65.41	-5.02	26.72	-14.63	-15.52	-7.54	-4.75	-20.05	-16.17
MRBLD1CB120_COS		-551.54	-272.51	402.69	136.99	44.83	62.59	-40.76	-18.39	-26.73	-1.91	24.78	2.70	-2.76	-0.01	7.65	6.82
MRBLD1CB120_SIN		0.00	-21.66	-127.77	-12.50	98.12	10.92	-1.89	26.71	-0.24	-11.30	16.18	9.42	2.43	4.61	2.72	-1.70
MRBLD1CB164_COS		-1982.18	-87.77	134.24	13.38	-21.02	25.87	-10.36	22.13	-19.31	-6.96	9.85	4.35	2.61	1.19	6.11	-4.66
MRBLD1CB164_SIN		0.00	42.43	-42.44	6.86	39.48	15.15	-7.15	-12.97	-1.59	-21.86	13.63	12.64	3.75	0.93	12.82	13.78
MRBLD1FB42P75_COS		3080.00	177.33	-450.23	330.25	-211.44	42.74	6.03	-74.13	-13.90	17.17	7.19	28.14	11.46	-17.73	-79.14	-8.42
MRBLD1FB42P75_SIN		0.00	38.32	-91.64	93.85	-34.30	42.79	21.40	197.84	-38.13	-21.84	-16.67	-47.75	-18.67	-1.73	6.41	-43.61
MRBLD1FB70_COS		402.09	-88.96	-232.26	74.46	-80.48	7.90	4.42	-7.82	0.59	1.78	-2.29	-4.07	-1.78	2.03	16.19	1.43
MRBLD1FB70_SIN		0.00	-142.84	-27.67	28.44	-25.88	4.40	3.71	37.45	-2.91	2.98	3.19	2.84	1.64	0.01	0.23	9.75
MRBLD1FB87_COS		-84.84	-47.26	-180.24	12.13	-54.57	-11.41	-4.59	6.42	4.59	0.16	5.29	-1.43	-0.58	3.63	16.63	1.42
MRBLD1FB87_SIN		0.00	-133.33	12.09	50.14	-2.42	0.57	-2.96	-21.12	0.23	1.42	3.57	11.94	5.69	2.26	0.05	8.94
MRBLD1FB120_COS		-468.92	-39.36	-256.60	-6.25	-7.90	-9.44	-0.25	14.75	-0.36	-1.60	-2.48	1.20	1.55	-2.14	-22.89	-2.39
MRBLD1FB120_SIN		0.00	-170.07	35.22	103.08	33.66	6.60	0.29	-48.20	10.75	-0.88	-8.21	-9.51	-4.81	-4.23	-1.43	-12.45
MRBLD1FB164_COS		-109.51	-2.61	-386.55	76.31	168.03	32.23	28.15	-19.20	1.01	4.34	2.92	2.02	7.20	4.94	10.43	2.18
MRBLD1FB164_SIN		0.00	-212.39	17.71	88.87	65.28	-32.02	-13.95	54.17	-10.79	9.77	10.85	11.87	2.43	-0.47	1.52	10.44

RUN	POINT	Harmonics															
52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-180.39	4.10	-228.67	59.37	140.47	25.21	7.68	-19.49	1.92	2.28	10.38	-1.10	2.30	1.63	-23.62	0.27
MRBLD1FB180_SIN		0.00	-147.40	4.71	28.57	28.32	-32.63	-14.71	43.97	-23.33	-7.06	-2.19	12.11	-3.53	-4.42	0.18	-12.43
MRBLD1TOR51_COS		-1386.70	37.29	-28.97	60.24	-22.30	-7.18	11.69	-0.02	2.84	2.14	3.79	1.14	2.45	-0.06	-6.65	2.00
MRBLD1TOR51_SIN		0.00	-37.29	-10.46	28.90	-1.67	-2.95	2.26	51.21	0.02	-2.73	-3.71	0.69	1.60	0.70	-5.45	-4.50
MRBLD1TOR71_COS		-245.80	47.83	-33.87	38.86	-15.37	-6.57	12.30	5.78	0.48	-0.68	2.34	-0.47	1.56	0.87	-2.25	1.37
MRBLD1TOR71_SIN		0.00	-38.26	-12.61	12.72	-4.54	-4.33	3.85	42.16	2.11	-2.19	-2.36	2.46	2.63	1.65	-2.80	-1.70
MRBLD1TOR130_COS		-13.01	44.89	-12.77	25.42	0.46	-8.57	7.08	1.66	-0.07	-0.57	-0.19	3.01	0.28	-1.16	1.01	-2.07
MRBLD1TOR130_SIN		0.00	-32.89	-7.62	4.17	6.32	-0.53	4.56	35.58	1.79	2.63	1.18	1.61	0.48	-0.60	0.72	2.67
MRBLD1TOR164_COS		-209.70	30.68	48.99	4.11	-17.31	-11.62	-4.93	0.26	0.60	2.80	2.65	0.78	-0.12	0.63	0.60	0.86
MRBLD1TOR164_SIN		0.00	-11.17	-1.50	-16.44	-12.71	5.28	5.12	14.31	0.15	1.19	2.79	2.14	0.04	-0.57	-2.10	1.76
MRFBM1CB26P5_COS		-4713.89	-732.72	-73.64	78.11	-0.25	-13.48	10.00	-6.72	4.29	-1.79	-5.21	1.89	1.80	-0.79	-1.62	4.21
MRFBM1CB26P5_SIN		0.00	-232.45	-14.78	-8.44	-18.66	-8.78	-1.21	4.26	-5.97	-0.42	-2.09	-0.64	-0.18	-0.88	-4.13	-0.30
MRFBM1FB9_COS		306.18	92.31	194.84	-67.51	23.44	-0.91	0.26	10.73	-1.48	-1.35	-1.27	-1.89	-0.77	-0.07	0.50	-1.06
MRFBM1FB9_SIN		0.00	26.34	67.93	-58.41	7.70	-6.15	-0.01	-5.36	0.79	-0.81	0.09	0.05	-0.12	0.76	2.41	0.59
MRFBM1TOR26P5_COS		-364.07	96.47	-0.30	0.30	-0.28	0.26	0.02	0.22	-0.05	0.02	-0.06	-0.06	-0.02	0.02	-0.08	0.01
MRFBM1TOR26P5_SIN		0.00	-68.05	-0.21	0.48	-0.25	0.01	0.04	0.25	0.12	-0.03	0.02	-0.03	0.04	0.04	0.10	-0.07

RUN	POINT	Harmonics															
52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1165.19	-1567.67	-162.52	242.70	-34.49	-26.88	-2.98	-60.60	17.20	16.75	-14.27	16.05	5.61	-8.61	-30.82	10.44
MRPC1CB33P25_SIN		0.00	-299.38	-65.56	19.49	-26.98	1.02	4.70	64.88	-23.64	13.91	-12.17	-15.39	-6.72	-9.37	-30.40	-16.40
MRPC1FB33P25_COS		2268.01	120.38	-342.39	251.96	-163.18	21.01	-4.60	-135.62	8.54	27.58	17.77	51.83	19.50	-11.04	-53.34	33.40
MRPC1FB33P25_SIN		0.00	157.31	-138.37	145.05	-69.90	45.70	17.14	122.28	-36.21	-6.83	-8.31	-13.91	-4.33	-13.52	-65.42	-30.88
MRPC1TOR25P5_COS		-793.84	-21.70	21.23	-67.14	20.41	0.91	-20.43	-9.26	-3.75	-0.67	-4.99	2.80	-2.58	-2.85	3.10	0.77
MRPC1TOR25P5_SIN		0.00	107.89	-32.72	-11.79	5.54	7.27	-1.83	-50.88	-4.12	4.92	2.87	-2.42	-2.42	-2.35	-4.88	3.01
MRPLK1LOAD_COS		-89.18	10.85	3.46	-7.38	3.12	0.17	-2.38	-0.95	-0.42	0.12	-0.57	0.43	-0.33	-0.29	1.23	-0.08
MRPLK1LOAD_SIN		0.00	-13.38	-0.85	-2.74	0.63	1.04	-0.44	-7.25	-0.42	0.62	0.64	-0.33	-0.29	-0.55	-0.86	0.65
PITCHRH_COS		8762.73	-8565.11	-375.33	-107.10	-62.40	-675.25	42.23	-14.96	-14.38	54.99	240.31	-36.91	28.47	-6.74	49.81	-238.60
PITCHRH_SIN		0.00	2522.97	-518.67	27.18	64.54	-205.94	255.04	-25.89	23.75	-67.53	-250.61	-31.93	17.03	-40.02	-2.51	-206.34
ROLLRH_COS		513.43	-2048.91	515.44	-38.15	-54.54	232.44	-72.57	21.32	53.21	-20.75	131.41	2.34	23.73	-57.15	20.37	105.44
ROLLRH_SIN		0.00	-8384.23	-548.33	-57.32	127.75	-626.95	-170.54	6.74	-44.93	67.91	-61.48	-31.03	21.69	-4.98	-37.18	-380.34
TORQ_COS		31125.72	489.93	7.75	-21.82	-60.54	140.80	-6.95	-1.72	-15.87	0.15	36.18	3.09	2.26	-2.18	-7.77	6.13
TORQ_SIN		0.00	457.48	-9.59	10.03	48.21	58.02	8.33	9.54	12.65	-6.26	-1.67	10.77	-5.65	5.37	-8.48	22.58
THRUST_COS		5744.76	-63.69	7.02	-1.91	8.49	-14.99	-0.84	0.89	2.23	-0.12	-1.38	6.66	-1.42	0.10	4.94	-10.98
THRUST_SIN		0.00	-12.15	8.85	9.08	5.60	-37.17	2.44	10.20	1.51	0.00	4.64	-0.01	-0.79	0.34	1.06	23.63

RUN	POINT	Harmonics															
52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.33	-18.35	-13.56	-3.99	-39.53	36.43	5.63	-1.12	-0.85	0.39	-6.45	-0.18	-1.10	1.88	-0.78	-2.22
SIDERH_SIN		0.00	201.11	10.47	-0.25	-44.18	31.15	8.18	-0.52	2.60	-3.67	2.28	2.34	-0.55	0.46	1.26	11.56
DRAGRH_COS		-253.88	226.76	6.91	0.73	-11.88	-1.49	-13.15	-0.68	1.66	-0.43	-9.23	3.34	-0.98	1.10	-2.05	11.60
DRAGRH_SIN		0.00	-52.52	16.86	-0.95	15.23	-14.17	-32.46	2.71	-1.56	3.30	24.02	-0.37	0.89	2.01	-0.70	9.39

RUN	POINT	Harmonics															
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.93	0.84	0.64	-2.84	-2.51	-0.58	0.30	0.51	0.16	-0.03	-0.02	0.12	0.24	0.09	0.06	-0.04
ACT1FORCE_SIN		0.00	7.46	1.88	0.23	0.03	-0.92	-0.55	-0.09	0.00	0.10	-0.11	-0.01	0.20	0.04	0.11	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.21	-17.22	-13.69	26.94	24.91	5.69	-4.93	-0.01	-0.01	-0.03	0.02	0.02	0.00	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-58.73	-14.03	-2.47	-1.27	7.51	7.53	-0.01	-0.02	-0.02	-0.01	-0.01	0.01	0.00	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.60	17.32	13.76	-26.98	-24.97	-5.77	4.88	0.00	0.01	0.03	-0.01	-0.01	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	58.83	14.05	2.56	1.36	-7.48	-7.57	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.02
MRBLD1CB42P75_COS		-4052.22	-1517.21	-91.14	227.01	4.77	-38.90	-24.69	-85.06	26.09	24.05	-16.61	4.74	3.11	-9.56	-39.77	2.23
MRBLD1CB42P75_SIN		0.00	-266.18	-94.05	50.34	29.50	-0.04	10.50	81.90	-21.90	26.48	-27.19	-19.96	-12.65	-12.80	-29.30	-20.65

RUN	POINT	Harmonics															
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.28	-781.71	251.12	164.58	60.92	-11.05	-52.09	-66.72	12.88	27.48	5.85	3.18	-0.53	-4.14	-27.36	-4.94
MRBLD1CB70_SIN		0.00	-162.59	-93.61	58.77	123.30	12.30	20.45	68.47	-4.77	24.98	-24.66	-14.19	-7.37	-4.75	-19.19	-16.66
MRBLD1CB120_COS		-561.37	-231.16	404.39	126.81	64.55	52.25	-28.39	-18.96	-21.06	1.45	26.82	7.00	-2.28	0.41	8.24	7.41
MRBLD1CB120_SIN		0.00	4.65	-134.81	-12.92	120.83	19.39	14.87	25.74	2.96	-11.40	21.47	7.67	3.65	5.35	2.02	-2.21
MRBLD1CB164_COS		-1985.07	-77.62	134.51	9.37	-13.01	20.65	-5.55	23.97	-17.12	-2.55	12.13	8.51	3.06	0.31	7.10	-4.89
MRBLD1CB164_SIN		0.00	48.71	-44.67	7.12	51.42	17.88	1.32	-14.25	0.69	-21.50	22.91	11.47	3.82	1.31	12.77	13.81
MRBLD1FB42P75_COS		3104.33	130.25	-463.57	331.34	-153.15	39.46	-0.79	-90.92	-13.61	19.07	27.02	19.95	10.41	-12.54	-69.37	-14.71
MRBLD1FB42P75_SIN		0.00	17.88	-91.74	101.55	-15.49	41.04	21.93	200.43	-41.43	-35.49	-15.42	-41.43	-18.47	0.08	20.64	-44.49
MRBLD1FB70_COS		403.69	-91.81	-240.29	74.20	-63.18	7.71	4.19	-10.05	0.60	1.54	-2.30	-3.53	-1.53	1.70	14.86	2.91
MRBLD1FB70_SIN		0.00	-143.61	-26.93	29.69	-19.08	4.05	4.65	38.69	-3.13	2.13	2.83	2.72	1.57	-0.28	-2.70	10.08
MRBLD1FB87_COS		-84.20	-48.69	-185.46	12.03	-48.43	-11.61	-4.01	8.64	4.73	-0.08	0.98	0.07	-0.70	2.23	14.14	2.48
MRBLD1FB87_SIN		0.00	-133.70	14.38	51.28	0.69	-0.61	-3.44	-21.31	0.86	4.08	4.04	10.54	6.30	2.60	-2.51	9.60
MRBLD1FB120_COS		-469.79	-41.65	-260.88	-5.62	-11.59	-10.31	-1.23	17.76	-0.45	-1.35	-2.13	-0.19	1.96	-0.66	-19.76	-3.85
MRBLD1FB120_SIN		0.00	-167.68	39.27	106.29	33.96	6.75	-0.51	-50.19	10.86	-0.86	-9.14	-8.99	-5.42	-4.72	2.23	-13.41
MRBLD1FB164_COS		-104.43	-8.26	-392.25	76.55	149.41	33.11	28.52	-26.14	1.28	6.16	2.18	3.99	6.21	3.06	8.52	3.43
MRBLD1FB164_SIN		0.00	-209.44	22.72	96.50	52.93	-28.35	-11.75	55.83	-11.41	8.15	12.28	12.22	2.85	-0.55	-0.05	10.90

RUN	POINT	Harmonics															
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.46	-0.19	-231.85	59.24	127.45	25.00	8.99	-24.38	2.18	2.59	3.87	2.00	1.54	1.00	-21.63	-1.68
MRBLD1FB180_SIN		0.00	-146.27	7.26	32.53	18.64	-31.04	-11.68	47.18	-23.78	-4.76	-1.44	8.32	-3.66	-4.82	2.98	-15.81
MRBLD1TOR51_COS		-1384.46	39.64	-32.63	62.04	-15.56	-7.76	8.37	-1.05	5.73	2.55	1.18	1.22	2.67	0.55	-6.49	2.28
MRBLD1TOR51_SIN		0.00	-36.04	-11.69	26.57	2.39	2.42	-1.02	48.27	-0.02	-1.43	-3.86	-0.32	0.53	0.49	-2.86	-3.62
MRBLD1TOR71_COS		-244.13	48.10	-37.14	40.76	-10.88	-6.68	9.61	5.38	2.93	-0.31	-0.07	0.16	1.79	1.62	-2.15	1.72
MRBLD1TOR71_SIN		0.00	-38.53	-13.74	10.35	-2.45	0.60	0.83	39.74	2.20	-0.87	-2.52	1.69	1.61	1.30	-1.69	-1.43
MRBLD1TOR130_COS		-11.57	45.74	-14.94	26.30	2.40	-8.03	5.31	0.77	1.85	0.48	0.01	2.47	-0.04	-1.16	0.67	-2.08
MRBLD1TOR130_SIN		0.00	-32.46	-8.02	2.56	5.94	3.82	2.71	33.79	1.86	2.64	2.30	1.88	0.43	-0.88	-1.15	1.85
MRBLD1TOR164_COS		-210.02	32.19	48.82	4.12	-14.61	-11.09	-4.95	0.32	0.80	2.61	2.87	1.39	-0.28	0.36	-0.30	0.75
MRBLD1TOR164_SIN		0.00	-10.89	-1.92	-18.22	-10.80	6.66	4.64	14.56	0.55	0.99	2.28	2.40	0.84	-0.34	-3.21	0.10
MRFBM1CB26P5_COS		-4746.28	-658.02	-78.13	78.75	0.58	-12.69	7.86	-7.88	3.38	-1.26	-3.94	1.47	1.90	-0.68	-1.73	4.25
MRFBM1CB26P5_SIN		0.00	-175.90	-15.42	-10.31	-21.21	-8.26	-3.46	4.46	-6.94	-0.73	-0.33	-0.49	-0.47	-0.44	-2.54	-0.95
MRFBM1FB9_COS		329.58	22.48	205.74	-66.96	17.96	-0.43	1.15	11.33	-1.75	-1.74	-1.47	-1.53	-0.86	-0.07	0.86	-1.19
MRFBM1FB9_SIN		0.00	23.93	70.04	-60.42	2.29	-6.38	0.00	-5.02	0.85	-0.71	-0.21	0.26	-0.17	0.57	2.16	0.67
MRFBM1TOR26P5_COS		-364.08	96.02	-0.34	0.31	-0.31	0.25	-0.06	0.22	-0.04	-0.01	-0.09	-0.06	-0.01	0.01	-0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-68.52	-0.30	0.42	-0.18	0.02	0.03	0.22	0.13	0.00	0.00	-0.07	0.04	0.04	0.15	-0.03

RUN	POINT	Harmonics															
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1201.53	-1440.16	-175.27	242.92	-21.58	-27.74	-5.59	-67.79	16.55	17.02	-10.64	8.85	4.85	-7.30	-32.85	8.40
MRPC1CB33P25_SIN		0.00	-218.50	-66.45	18.28	-17.61	3.37	3.33	65.84	-25.80	10.08	-12.52	-13.60	-7.64	-8.26	-23.61	-18.63
MRPC1FB33P25_COS		2289.81	78.43	-351.24	250.78	-120.21	18.08	-8.97	-149.74	10.51	35.45	31.34	42.70	19.23	-9.07	-60.39	30.48
MRPC1FB33P25_SIN		0.00	136.24	-139.85	151.30	-40.90	43.01	15.76	117.81	-38.55	-15.99	3.16	-14.42	-4.92	-9.11	-49.40	-37.44
MRPC1TOR25P5_COS		-794.85	-30.03	28.67	-70.24	14.86	0.67	-16.37	-8.94	-6.73	-1.12	-1.18	1.60	-3.35	-2.62	1.16	-0.25
MRPC1TOR25P5_SIN		0.00	104.85	-33.07	-9.46	3.32	1.33	1.65	-47.19	-3.60	3.05	3.31	-0.57	-1.51	-1.75	-7.71	0.08
MRPLK1LOAD_COS		-89.60	10.83	3.98	-7.68	2.11	0.21	-1.88	-0.83	-0.82	0.14	0.00	0.24	-0.50	-0.23	0.89	-0.24
MRPLK1LOAD_SIN		0.00	-13.49	-0.78	-2.36	0.22	0.28	0.05	-6.78	-0.34	0.31	0.77	-0.04	-0.18	-0.50	-1.56	0.14
PITCHRH_COS		9890.02	-8572.03	-393.95	-104.27	-76.50	-492.62	3.15	-12.01	-19.44	50.96	227.80	-40.91	29.96	-20.99	36.50	-258.43
PITCHRH_SIN		0.00	2529.74	-519.00	37.79	71.41	-194.98	283.80	-10.37	19.17	-67.35	-289.27	0.19	10.08	-18.55	-20.02	-169.54
ROLLRH_COS		611.13	-2043.56	502.07	-59.08	-56.97	161.71	-170.33	13.26	75.33	-2.15	119.36	-23.49	29.69	-49.73	47.26	15.70
ROLLRH_SIN		0.00	-8413.74	-548.56	-51.92	147.51	-289.55	-143.93	6.65	-31.03	48.28	-45.10	-29.73	22.75	2.66	-29.11	-456.55
TORQ_COS		30490.93	486.48	5.00	-18.66	-66.62	133.03	-7.74	1.52	-8.90	1.20	33.44	2.89	2.64	-1.23	-8.94	3.70
TORQ_SIN		0.00	451.83	-15.73	8.50	45.35	47.49	4.43	6.41	15.09	-7.03	-6.63	6.68	-8.96	6.63	-8.62	26.75
THRUST_COS		5814.11	-62.92	7.12	-0.22	10.11	-16.01	2.09	3.42	1.80	-0.25	-5.47	5.12	-1.44	0.60	2.03	-12.04
THRUST_SIN		0.00	-11.26	8.79	8.51	5.23	-34.52	2.48	6.96	0.97	1.18	2.60	-2.04	-0.85	-0.23	1.66	27.06

RUN	POINT	Harmonics															
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.69	-17.41	-13.38	-3.08	-44.74	20.96	10.91	-1.12	-1.40	-0.29	-5.94	1.32	-1.43	1.50	-1.52	0.15
SIDERH_SIN		0.00	205.94	10.95	0.07	-49.86	11.60	9.78	-0.60	2.01	-2.87	1.43	2.15	-0.67	0.13	0.79	13.53
DRAGRH_COS		-244.47	227.41	7.79	0.86	-13.35	26.03	-14.69	0.71	1.47	-0.89	-7.53	3.53	-0.77	1.27	-1.41	11.42
DRAGRH_SIN		0.00	-52.66	17.48	-0.99	15.79	-8.30	-35.51	3.95	-0.41	3.17	24.84	-2.37	2.64	0.92	0.19	7.52

RUN	POINT	Harmonics															
52	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.73	0.67	0.50	-2.85	-2.55	-0.47	0.33	0.51	0.13	-0.09	-0.01	0.16	0.23	0.07	0.04	-0.05
ACT1FORCE_SIN		0.00	7.45	1.81	0.18	-0.12	-0.91	-0.50	-0.01	0.02	0.04	-0.10	-0.03	0.25	0.09	0.12	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.61	-16.37	-11.02	27.04	24.82	4.80	-5.21	-0.01	0.01	0.00	0.02	0.04	0.02	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-57.39	-14.78	-2.68	0.34	7.66	6.29	-0.03	-0.03	-0.03	-0.01	0.01	0.01	0.02	0.01	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.20	16.44	11.08	-27.08	-24.89	-4.86	5.19	0.01	-0.01	0.01	-0.01	-0.03	-0.02	0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	57.50	14.83	2.73	-0.29	-7.64	-6.32	0.01	0.03	0.03	0.01	-0.01	-0.01	-0.02	-0.01	-0.01
MRBLD1CB42P75_COS		-4030.83	-1537.94	-92.86	235.43	-7.78	-41.00	-25.21	-84.01	27.59	24.07	-24.68	14.84	7.61	-6.78	-38.71	5.05
MRBLD1CB42P75_SIN		0.00	-275.98	-84.82	58.78	33.62	-7.01	7.70	68.95	-19.26	29.39	-16.77	-32.71	-14.26	-14.69	-34.05	-22.37

RUN	POINT	Harmonics															
52	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.81	-795.73	251.62	172.99	46.15	-9.06	-60.93	-70.11	11.37	27.56	1.64	9.82	1.79	-4.02	-25.98	-4.72
MRBLD1CB70_SIN		0.00	-168.92	-84.76	68.48	128.41	5.95	16.90	59.12	-3.66	27.34	-12.90	-22.97	-8.51	-5.46	-20.73	-18.52
MRBLD1CB120_COS		-561.74	-239.52	407.26	134.31	51.00	54.50	-41.46	-23.60	-25.32	1.35	30.27	3.04	-4.00	-2.00	7.04	6.98
MRBLD1CB120_SIN		0.00	1.57	-125.32	-3.96	128.38	15.37	11.95	22.04	-0.62	-10.18	15.96	15.76	4.15	6.08	3.32	-1.27
MRBLD1CB164_COS		-1983.85	-80.27	136.71	12.56	-18.66	21.78	-11.72	21.48	-18.70	-2.64	16.73	3.56	2.35	0.65	6.46	-4.63
MRBLD1CB164_SIN		0.00	48.47	-42.45	9.97	52.36	16.90	0.81	-11.51	-2.14	-20.64	15.77	18.84	5.13	1.49	13.39	14.45
MRBLD1FB42P75_COS		3094.17	137.84	-461.52	348.18	-161.15	31.16	6.03	-94.98	-14.17	27.63	20.25	28.58	14.81	-12.45	-77.16	-12.97
MRBLD1FB42P75_SIN		0.00	20.26	-89.05	113.79	-2.13	36.25	15.97	176.76	-40.73	-28.31	-14.34	-50.26	-23.56	-2.48	16.55	-48.47
MRBLD1FB70_COS		403.35	-89.48	-239.47	80.57	-66.67	4.82	4.22	-11.87	0.12	1.62	-2.70	-4.51	-2.29	1.13	15.90	2.43
MRBLD1FB70_SIN		0.00	-143.19	-26.99	33.90	-15.07	2.42	3.26	34.37	-3.24	2.48	3.30	2.85	2.02	0.10	-1.80	10.72
MRBLD1FB87_COS		-83.95	-47.08	-185.88	15.04	-49.99	-11.68	-4.24	9.06	5.29	-1.23	2.75	-1.14	-1.22	2.50	16.01	2.20
MRBLD1FB87_SIN		0.00	-133.72	12.25	52.48	1.15	-1.54	-3.36	-19.17	0.74	2.90	3.23	13.25	7.15	2.87	-1.80	10.25
MRBLD1FB120_COS		-468.02	-38.23	-262.47	-4.52	-13.07	-8.21	-1.08	20.20	-0.52	-1.59	-1.86	0.79	2.12	-0.96	-22.24	-3.47
MRBLD1FB120_SIN		0.00	-167.43	34.99	107.80	31.85	7.30	0.82	-43.93	11.35	-0.56	-8.88	-10.78	-5.99	-4.83	1.10	-14.39
MRBLD1FB164_COS		-104.71	-2.44	-394.63	76.18	151.54	36.69	27.85	-27.59	-0.20	5.60	2.59	2.41	6.43	4.14	9.75	2.36
MRBLD1FB164_SIN		0.00	-210.79	20.08	100.72	51.49	-24.88	-13.00	45.27	-13.17	8.26	11.91	14.49	4.05	-0.68	-0.47	11.56

RUN	POINT	Harmonics															
52	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.26	3.10	-233.96	58.28	130.19	27.26	8.52	-26.77	2.61	2.81	9.15	0.83	1.90	1.10	-24.74	-1.25
MRBLD1FB180_SIN		0.00	-147.68	6.16	35.83	20.67	-29.11	-14.83	37.45	-24.84	-6.04	-2.16	15.11	-2.09	-3.83	3.32	-15.44
MRBLD1TOR51_COS		-1384.96	40.39	-32.37	62.46	-15.56	-8.26	8.64	-2.93	4.21	2.58	2.67	1.25	3.04	0.72	-7.13	2.15
MRBLD1TOR51_SIN		0.00	-35.56	-9.63	28.71	2.17	1.14	-2.03	44.85	0.51	-1.45	-3.82	0.55	1.03	0.84	-4.16	-4.22
MRBLD1TOR71_COS		-244.66	49.21	-36.75	40.75	-10.26	-7.17	9.52	3.44	1.55	-0.57	1.33	-0.58	1.60	1.29	-2.72	1.31
MRBLD1TOR71_SIN		0.00	-37.83	-12.22	11.70	-2.97	-0.07	0.13	37.55	2.63	-1.25	-2.75	2.87	2.24	1.86	-2.23	-1.63
MRBLD1TOR130_COS		-12.10	46.65	-14.90	26.00	3.33	-8.72	4.96	-0.58	0.61	0.23	-0.43	2.98	0.08	-1.29	0.91	-2.33
MRBLD1TOR130_SIN		0.00	-31.75	-6.87	2.85	5.42	3.42	2.09	31.37	1.88	2.96	1.93	2.13	0.61	-0.65	-0.40	2.31
MRBLD1TOR164_COS		-209.98	32.25	48.91	3.87	-14.46	-11.89	-5.51	-0.91	0.47	2.64	2.87	1.03	-0.72	-0.19	-0.09	0.94
MRBLD1TOR164_SIN		0.00	-10.32	-1.14	-18.78	-10.93	5.55	4.08	13.65	0.46	1.09	2.76	3.06	0.66	-0.37	-2.80	0.46
MRFBM1CB26P5_COS		-4737.54	-667.90	-79.47	79.85	0.07	-13.22	9.93	-6.56	4.35	-1.17	-4.44	1.97	2.43	-0.43	-2.14	4.58
MRFBM1CB26P5_SIN		0.00	-179.90	-12.11	-9.35	-21.07	-9.19	-3.37	3.14	-6.29	-0.69	-1.34	-0.68	-0.37	-0.50	-3.41	-0.78
MRFBM1FB9_COS		319.43	33.14	204.91	-70.07	19.61	-0.24	0.73	10.86	-1.56	-1.63	-1.12	-2.04	-1.02	-0.15	0.83	-1.30
MRFBM1FB9_SIN		0.00	17.86	66.01	-63.97	1.26	-4.86	0.49	-3.91	0.94	-0.99	-0.16	0.32	-0.14	0.66	2.38	0.81
MRFBM1TOR26P5_COS		-364.08	96.31	-0.32	0.31	-0.28	0.24	-0.05	0.19	-0.05	-0.02	-0.07	-0.07	-0.01	0.02	-0.05	0.01
MRFBM1TOR26P5_SIN		0.00	-68.24	-0.30	0.45	-0.21	0.02	-0.01	0.22	0.14	0.00	0.00	-0.07	0.03	0.03	0.14	-0.04

RUN	POINT	Harmonics															
52	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1185.76	-1458.23	-176.19	249.76	-29.69	-30.67	-2.98	-65.25	18.31	17.68	-15.90	16.27	8.38	-5.16	-33.11	11.05
MRPC1CB33P25_SIN		0.00	-226.86	-57.59	23.87	-13.97	-1.85	1.34	55.24	-24.02	13.18	-8.42	-21.09	-8.95	-9.69	-28.29	-19.97
MRPC1FB33P25_COS		2281.05	84.61	-350.07	262.92	-129.73	13.45	-1.99	-143.00	9.35	38.67	25.56	54.23	25.29	-6.97	-61.49	34.74
MRPC1FB33P25_SIN		0.00	138.79	-137.32	163.83	-31.71	36.61	13.46	98.19	-38.62	-6.26	1.02	-15.85	-5.01	-10.26	-58.03	-38.52
MRPC1TOR25P5_COS		-794.37	-30.29	28.23	-69.83	13.78	1.51	-16.73	-6.66	-5.15	-0.59	-3.90	2.69	-3.14	-3.08	2.35	0.44
MRPC1TOR25P5_SIN		0.00	104.03	-35.67	-10.82	3.66	1.89	2.65	-44.78	-4.61	3.47	4.08	-2.58	-1.86	-1.93	-6.79	0.72
MRPLK1LOAD_COS		-89.32	10.66	3.92	-7.74	2.03	0.33	-1.89	-0.48	-0.61	0.18	-0.33	0.41	-0.48	-0.33	1.12	-0.16
MRPLK1LOAD_SIN		0.00	-13.53	-1.08	-2.58	0.24	0.38	0.18	-6.41	-0.46	0.38	0.78	-0.18	-0.23	-0.48	-1.31	0.23
PITCHRH_COS		9686.74	-8577.88	-385.11	-98.40	-68.11	-489.35	-20.32	-20.19	4.91	61.93	271.48	-37.61	33.38	-4.11	37.68	-293.40
PITCHRH_SIN		0.00	2490.64	-518.87	20.58	72.44	-150.79	224.59	-32.72	15.97	-72.90	-277.22	-24.19	5.42	-29.96	-19.65	-205.33
ROLLRH_COS		696.21	-2028.21	513.90	-47.14	-75.80	74.71	-108.01	22.33	74.50	-1.30	123.49	-9.07	47.91	-50.89	33.87	59.55
ROLLRH_SIN		0.00	-8395.03	-553.38	-57.23	129.05	-366.57	-191.08	13.44	-13.38	63.88	-42.32	-25.59	15.17	-4.33	-18.78	-473.58
TORQ_COS		30688.73	484.34	4.61	-19.47	-51.88	134.21	-7.34	-3.96	-16.78	1.81	33.41	2.57	1.72	-3.21	-7.99	-1.63
TORQ_SIN		0.00	463.95	-19.93	6.97	43.45	52.08	6.45	8.59	11.56	-6.74	-3.25	8.51	-8.66	6.47	-10.19	27.90
THRUST_COS		5780.71	-63.09	6.40	-0.84	6.74	-11.62	0.01	0.53	1.36	-0.44	-5.64	6.28	-2.38	-0.68	2.56	-11.32
THRUST_SIN		0.00	-11.32	8.85	8.01	5.11	-31.06	3.42	10.29	1.48	0.37	3.91	0.05	-0.69	0.58	-0.07	28.50

RUN	POINT	Harmonics															
52	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.84	-17.06	-13.79	-3.43	-36.49	31.06	5.45	-0.87	-1.57	-0.26	-5.88	0.39	-2.01	1.59	-1.13	-0.95
SIDERH_SIN		0.00	201.69	11.28	0.49	-46.91	10.56	9.12	-0.56	2.00	-3.48	1.43	2.00	-0.31	0.46	0.58	14.19
DRAGRH_COS		-244.38	226.84	7.34	0.60	-11.51	22.50	-11.24	-0.30	0.34	-1.41	-11.32	3.28	-0.18	0.77	-1.65	13.46
DRAGRH_SIN		0.00	-51.98	17.46	-0.45	15.86	0.54	-29.05	1.69	-0.56	3.48	24.74	-0.63	2.39	1.41	-0.10	8.94

RUN	POINT	Harmonics															
52	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.66	0.75	0.49	-2.89	-2.60	-0.54	0.33	0.50	0.15	-0.07	-0.01	0.15	0.24	0.08	0.02	-0.05
ACT1FORCE_SIN		0.00	7.53	1.93	0.19	-0.05	-0.87	-0.55	-0.07	0.00	0.06	-0.10	-0.04	0.22	0.07	0.13	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.69	-16.82	-12.30	27.33	24.92	4.67	-5.11	-0.01	0.00	-0.01	0.03	0.02	0.01	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-57.83	-14.86	-3.04	0.39	7.24	6.89	-0.02	-0.02	-0.02	0.00	0.00	0.01	0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		456.13	16.89	12.35	-27.36	-24.98	-4.72	5.10	0.00	0.00	0.01	-0.02	-0.01	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	57.94	14.90	3.09	-0.33	-7.23	-6.92	0.00	0.02	0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00
MRBLD1CB42P75_COS		-4042.23	-1430.18	-80.33	241.69	-8.53	-39.70	-24.51	-73.83	25.73	23.40	-16.61	12.62	8.29	-7.53	-40.41	4.10
MRBLD1CB42P75_SIN		0.00	-219.20	-85.91	44.82	32.33	-11.12	9.15	84.74	-22.59	27.95	-27.22	-25.84	-16.54	-16.50	-36.34	-21.00

RUN	POINT	Harmonics															
52	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2751.79	-730.56	256.50	179.54	43.98	-8.64	-63.37	-59.31	10.34	26.48	3.49	7.55	1.82	-4.45	-28.84	-5.47
MRBLD1CB70_SIN		0.00	-128.59	-85.26	56.81	120.66	-4.13	19.77	70.30	-4.16	26.69	-23.92	-18.36	-10.05	-6.92	-23.84	-16.60
MRBLD1CB120_COS		-564.05	-216.63	409.35	140.28	47.35	57.50	-44.03	-13.15	-21.17	4.10	26.36	2.52	-5.53	-1.93	7.39	6.71
MRBLD1CB120_SIN		0.00	24.99	-125.96	-14.42	121.14	4.74	14.31	26.77	3.24	-12.12	21.38	11.11	5.24	6.78	2.63	-1.90
MRBLD1CB164_COS		-1985.10	-75.52	137.36	15.48	-22.59	22.99	-14.27	22.64	-16.24	-0.10	14.00	4.78	1.64	-0.23	7.10	-4.66
MRBLD1CB164_SIN		0.00	55.73	-42.57	4.19	50.84	12.44	0.26	-14.35	0.95	-21.73	23.73	15.08	6.05	2.42	15.63	13.77
MRBLD1FB42P75_COS		3096.13	106.87	-451.55	348.13	-173.62	36.19	10.01	-60.20	-11.95	24.84	30.44	22.71	10.51	-17.35	-83.59	-14.62
MRBLD1FB42P75_SIN		0.00	9.95	-94.18	72.33	16.23	42.42	17.47	194.81	-44.72	-38.21	-16.86	-44.76	-22.52	-2.58	15.20	-47.05
MRBLD1FB70_COS		402.78	-90.33	-236.25	81.34	-70.11	6.60	5.78	-5.10	0.31	1.48	-2.58	-3.76	-1.43	2.21	17.07	2.61
MRBLD1FB70_SIN		0.00	-142.94	-27.77	19.34	-10.02	3.21	3.65	37.55	-3.85	1.72	2.43	2.23	1.45	0.00	-1.53	10.26
MRBLD1FB87_COS		-84.33	-47.48	-184.54	15.57	-51.72	-11.85	-4.28	5.92	4.82	-0.80	0.43	-0.47	-0.59	3.34	17.28	2.26
MRBLD1FB87_SIN		0.00	-134.61	12.72	44.79	3.88	-1.22	-3.60	-20.92	1.15	4.69	4.89	12.26	7.60	3.50	-1.05	10.62
MRBLD1FB120_COS		-468.08	-37.63	-261.86	-3.97	-12.29	-10.76	-3.33	10.36	-1.01	-2.19	-1.58	0.45	1.66	-2.03	-23.85	-3.13
MRBLD1FB120_SIN		0.00	-172.57	35.57	100.42	32.64	7.20	1.11	-47.78	12.26	-0.23	-9.35	-10.13	-6.29	-5.93	-0.24	-14.93
MRBLD1FB164_COS		-104.02	-1.12	-391.41	74.48	160.25	37.51	30.40	-15.85	1.20	6.30	1.73	3.10	6.47	4.10	10.19	2.59
MRBLD1FB164_SIN		0.00	-219.86	19.95	94.41	42.88	-27.99	-15.57	51.75	-15.29	7.22	13.15	14.24	4.27	-0.39	0.80	12.29

RUN	POINT	Harmonics															
52	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.54	2.85	-232.46	56.63	135.46	28.08	10.78	-15.65	2.31	2.40	3.03	0.39	0.66	-0.77	-26.86	-1.33
MRBLD1FB180_SIN		0.00	-153.56	6.71	34.81	13.58	-31.11	-15.10	44.24	-25.64	-5.25	0.10	12.74	-1.05	-4.56	0.61	-17.50
MRBLD1TOR51_COS		-1385.30	41.35	-30.31	64.79	-16.28	-8.39	10.35	5.62	5.62	2.13	0.65	0.88	2.67	0.37	-7.39	2.70
MRBLD1TOR51_SIN		0.00	-35.62	-10.92	23.74	4.36	2.05	-3.82	46.02	0.09	-1.21	-4.00	0.03	1.01	0.60	-4.44	-4.19
MRBLD1TOR71_COS		-244.95	48.94	-35.38	42.46	-10.38	-7.23	11.13	10.22	2.68	-0.82	-0.60	-0.60	1.56	1.44	-2.53	1.89
MRBLD1TOR71_SIN		0.00	-38.70	-13.16	8.64	-1.33	0.86	-1.50	37.34	2.31	-0.78	-2.67	2.21	2.15	1.57	-2.54	-1.74
MRBLD1TOR130_COS		-12.43	46.92	-13.76	26.82	4.09	-8.33	6.20	5.00	1.70	0.46	-0.06	2.49	0.13	-1.07	1.06	-2.73
MRBLD1TOR130_SIN		0.00	-32.74	-7.40	1.89	5.65	4.21	1.02	31.76	1.67	2.84	2.40	2.22	0.33	-0.99	-0.48	2.56
MRBLD1TOR164_COS		-210.31	32.30	48.61	4.14	-15.33	-11.39	-4.82	1.27	0.14	2.28	2.56	0.85	-0.85	-0.05	-0.06	0.34
MRBLD1TOR164_SIN		0.00	-9.88	-0.98	-17.89	-10.34	6.40	4.32	13.46	0.50	1.00	2.64	2.95	0.74	-0.81	-3.61	0.40
MRFBM1CB26P5_COS		-4743.22	-615.39	-73.39	79.52	1.53	-13.10	10.81	-6.70	4.11	-0.93	-3.15	1.74	2.09	-0.58	-1.78	4.57
MRFBM1CB26P5_SIN		0.00	-150.54	-13.04	-11.09	-19.02	-8.23	-3.89	4.62	-7.22	-0.80	-0.49	-0.54	-0.51	-0.68	-3.37	-1.09
MRFBM1FB9_COS		319.83	-10.78	198.31	-73.66	21.63	-0.39	0.46	9.98	-1.83	-1.82	-1.52	-1.72	-1.01	-0.19	0.83	-1.20
MRFBM1FB9_SIN		0.00	21.71	67.63	-54.28	0.09	-5.55	0.37	-6.02	0.88	-0.81	-0.24	0.31	-0.07	0.74	2.60	0.84
MRFBM1TOR26P5_COS		-364.12	95.91	-0.36	0.32	-0.29	0.25	-0.03	0.25	-0.05	-0.03	-0.10	-0.04	-0.01	0.01	-0.06	0.02
MRFBM1TOR26P5_SIN		0.00	-68.51	-0.36	0.41	-0.23	0.01	-0.04	0.20	0.14	0.00	-0.02	-0.09	0.04	0.05	0.15	-0.04

RUN	POINT	Harmonics															
52	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1195.40	-1362.47	-163.70	253.78	-29.82	-29.58	-1.86	-57.00	16.96	17.81	-9.23	13.93	8.09	-6.04	-33.98	10.12
MRPC1CB33P25_SIN		0.00	-182.70	-59.34	12.11	-10.71	-2.71	1.12	68.43	-26.74	11.19	-12.95	-17.21	-10.48	-11.38	-30.63	-19.42
MRPC1FB33P25_COS		2282.49	56.93	-340.99	269.17	-144.41	15.32	0.36	-123.48	12.46	41.15	34.66	46.61	21.18	-9.96	-63.86	32.57
MRPC1FB33P25_SIN		0.00	127.72	-140.84	130.22	-19.97	42.46	16.12	125.72	-40.38	-15.11	4.14	-14.80	-7.49	-14.37	-64.19	-38.17
MRPC1TOR25P5_COS		-793.86	-34.97	27.69	-72.16	13.15	1.73	-18.69	-15.22	-6.77	-0.31	-0.67	2.20	-3.14	-2.31	2.89	-0.81
MRPC1TOR25P5_SIN		0.00	103.14	-35.49	-7.34	1.11	0.56	4.70	-44.59	-4.01	2.90	3.69	-1.05	-2.64	-2.24	-7.07	1.24
MRPLK1LOAD_COS		-89.41	10.72	3.72	-7.97	2.04	0.32	-2.18	-1.73	-0.81	0.24	0.13	0.26	-0.48	-0.13	1.25	-0.41
MRPLK1LOAD_SIN		0.00	-13.48	-0.88	-1.93	-0.10	0.25	0.51	-6.42	-0.36	0.32	0.84	-0.02	-0.35	-0.56	-1.40	0.29
PITCHRH_COS		10397.48	-8574.66	-388.97	-99.04	-62.82	-519.44	-26.81	-5.44	-4.49	60.90	264.49	-40.64	26.66	-11.66	33.06	-295.10
PITCHRH_SIN		0.00	2506.28	-518.75	28.57	72.44	-75.85	214.27	-23.21	22.14	-93.78	-297.78	-11.85	17.34	-36.23	-11.50	-200.45
ROLLRH_COS		651.11	-2032.34	516.16	-57.44	-76.28	-19.78	-133.54	18.42	75.16	21.22	124.18	-23.73	35.35	-61.85	53.78	34.37
ROLLRH_SIN		0.00	-8414.09	-560.14	-66.05	128.15	-434.75	-226.34	-0.46	-16.91	51.48	-34.42	-27.77	26.90	-4.29	-37.84	-435.78
TORQ_COS		30524.20	485.58	6.71	-20.88	-57.30	135.57	-7.21	-0.80	-15.02	1.81	30.07	2.49	2.67	-3.18	-8.24	1.51
TORQ_SIN		0.00	482.75	-17.82	11.15	49.03	58.55	8.33	8.18	17.50	-6.00	-4.06	8.15	-7.76	7.12	-8.74	32.24
THRUST_COS		5788.35	-62.68	7.07	-1.16	7.53	-14.09	1.31	2.23	2.06	-0.63	-8.95	5.40	-1.99	-0.19	3.18	-7.99
THRUST_SIN		0.00	-12.84	8.95	8.72	3.68	-35.00	4.17	7.61	0.82	1.09	4.47	-0.82	-1.33	0.40	2.25	27.99

RUN	POINT	Harmonics															
52	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.77	-17.98	-13.78	-3.32	-37.35	38.87	6.69	-0.95	-1.13	-1.21	-5.89	1.31	-1.68	1.90	-1.78	-0.23
SIDERH_SIN		0.00	203.37	11.39	0.69	-45.38	7.60	11.08	-0.46	1.95	-2.79	1.06	2.08	-0.69	0.39	1.04	13.11
DRAGRH_COS		-239.14	227.02	8.07	0.80	-12.13	13.42	-10.95	-0.10	0.93	-1.89	-10.16	3.03	-0.45	0.90	-1.37	13.07
DRAGRH_SIN		0.00	-52.25	17.67	-0.68	15.23	7.15	-30.08	2.89	-0.66	4.78	24.04	-1.99	2.24	1.85	-0.31	9.12

RUN	POINT	Harmonics															
52	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.79	0.88	0.65	-2.82	-2.53	-0.53	0.33	0.53	0.21	-0.08	-0.03	0.12	0.23	0.08	0.04	-0.05
ACT1FORCE_SIN		0.00	7.33	1.90	0.21	0.06	-0.90	-0.61	-0.06	0.01	0.10	-0.09	-0.05	0.19	0.07	0.14	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.99	-16.82	-12.91	26.66	25.07	4.62	-5.81	-0.02	0.00	-0.01	0.02	0.02	0.00	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-56.98	-15.02	-2.56	-0.32	7.31	6.90	-0.02	-0.02	-0.02	0.00	0.01	0.01	0.00	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.82	16.89	12.97	-26.69	-25.13	-4.68	5.78	0.01	0.00	0.01	-0.01	-0.01	0.01	0.02	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	57.09	15.07	2.62	0.38	-7.30	-6.93	0.01	0.02	0.02	0.00	-0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-4018.49	-1312.47	-103.07	229.88	-19.03	-48.10	-27.47	-81.79	27.67	23.44	-6.87	15.16	7.83	-7.50	-41.15	0.10
MRBLD1CB42P75_SIN		0.00	-181.88	-86.35	45.83	45.27	-7.56	6.82	66.76	-23.27	25.59	-30.38	-23.61	-13.34	-12.41	-20.54	-22.22

RUN	POINT	Harmonics															
52	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2752.62	-660.75	238.80	165.35	24.00	-24.48	-60.48	-67.62	12.89	25.48	9.58	11.10	2.91	-3.02	-26.36	-7.89
MRBLD1CB70_SIN		0.00	-98.62	-86.66	60.15	141.67	6.54	26.39	57.77	-5.32	24.49	-25.78	-18.85	-7.63	-4.15	-13.90	-18.96
MRBLD1CB120_COS		-576.33	-193.04	396.68	124.35	31.56	37.63	-42.19	-23.40	-21.33	4.57	21.68	1.86	-4.29	-0.70	6.67	6.16
MRBLD1CB120_SIN		0.00	45.17	-127.29	-7.56	147.82	18.05	29.03	19.52	0.56	-11.73	23.80	10.59	4.22	5.39	1.39	-2.81
MRBLD1CB164_COS		-1987.08	-69.75	134.37	8.52	-27.13	14.66	-12.08	20.08	-17.05	1.12	10.05	3.37	2.32	0.21	7.13	-2.88
MRBLD1CB164_SIN		0.00	61.06	-44.33	6.86	63.03	16.86	8.55	-12.62	-0.63	-19.55	26.01	15.63	4.24	0.13	9.93	15.63
MRBLD1FB42P75_COS		3086.17	77.30	-461.47	329.13	-130.83	35.36	-4.45	-97.92	-11.25	34.41	39.20	29.27	13.27	-8.96	-58.37	-22.58
MRBLD1FB42P75_SIN		0.00	9.59	-88.42	89.51	48.44	39.65	16.83	168.63	-46.73	-41.72	-21.73	-40.95	-22.20	0.70	38.11	-40.82
MRBLD1FB70_COS		405.20	-89.66	-240.34	74.31	-59.47	5.57	3.02	-11.55	0.26	1.47	-2.59	-4.12	-1.90	0.83	12.78	4.60
MRBLD1FB70_SIN		0.00	-142.02	-24.97	25.63	1.39	3.78	4.34	32.92	-4.25	1.70	2.77	2.69	2.02	-0.23	-6.46	8.88
MRBLD1FB87_COS		-80.73	-47.66	-186.77	11.32	-47.11	-11.61	-3.86	9.43	4.32	-2.69	-1.49	-1.87	-1.38	1.33	11.57	4.02
MRBLD1FB87_SIN		0.00	-135.97	14.27	48.27	8.60	-1.75	-3.83	-18.93	1.30	5.16	5.76	10.61	6.50	1.92	-6.26	9.24
MRBLD1FB120_COS		-462.66	-36.56	-262.22	-7.34	-13.23	-10.22	0.45	20.47	0.01	-0.89	-1.25	0.48	2.37	0.78	-16.24	-6.34
MRBLD1FB120_SIN		0.00	-175.82	36.28	101.04	30.49	7.24	0.04	-42.33	13.01	-0.36	-9.98	-8.88	-5.36	-3.99	7.49	-12.59
MRBLD1FB164_COS		-103.84	-3.32	-396.88	72.41	150.01	38.05	27.28	-28.99	0.62	7.00	1.74	2.50	5.68	2.05	6.15	5.14
MRBLD1FB164_SIN		0.00	-223.83	25.14	97.33	28.69	-25.76	-11.17	43.72	-14.79	6.45	13.60	12.21	3.04	-1.31	-2.42	11.89

RUN	POINT	Harmonics															
52	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.98	1.83	-235.57	56.30	128.75	28.67	7.34	-26.08	3.76	3.17	2.88	-0.24	1.10	1.79	-18.70	-6.63
MRBLD1FB180_SIN		0.00	-155.56	10.28	36.80	4.87	-28.92	-11.09	38.30	-24.23	-4.46	1.65	8.04	-4.27	-5.48	8.51	-15.80
MRBLD1TOR51_COS		-1386.10	41.29	-34.73	60.87	-13.72	-8.19	8.63	-1.71	6.28	3.26	0.96	1.39	3.12	1.12	-6.47	2.97
MRBLD1TOR51_SIN		0.00	-34.76	-10.35	23.05	6.19	2.88	-3.80	40.69	0.03	-0.80	-3.37	-1.01	-0.21	0.35	-1.74	-5.02
MRBLD1TOR71_COS		-244.59	48.14	-38.26	40.16	-8.60	-6.71	10.14	4.50	3.39	-0.03	-0.79	-0.41	1.75	1.79	-2.46	1.70
MRBLD1TOR71_SIN		0.00	-38.31	-12.79	7.39	-1.39	1.50	-1.38	34.07	2.24	-0.47	-2.05	1.36	1.04	1.15	-1.21	-2.44
MRBLD1TOR130_COS		-12.02	46.94	-15.94	26.04	4.70	-7.52	5.93	0.13	2.22	1.30	0.51	2.65	0.30	-1.16	0.25	-3.25
MRBLD1TOR130_SIN		0.00	-32.07	-7.21	0.56	3.65	4.76	1.39	28.25	1.23	2.88	2.84	2.91	0.50	-0.92	-1.22	2.47
MRBLD1TOR164_COS		-209.90	32.66	48.70	3.94	-14.40	-11.14	-4.45	-0.15	0.58	2.42	2.72	1.23	-0.45	0.15	-1.17	-0.98
MRBLD1TOR164_SIN		0.00	-8.90	-1.33	-18.72	-8.86	6.33	4.39	13.00	0.62	1.14	2.64	3.32	1.18	-0.01	-2.30	0.02
MRFBM1CB26P5_COS		-4732.66	-560.80	-81.71	78.71	2.58	-11.84	8.96	-6.59	4.04	-0.50	-2.37	1.46	1.86	-0.71	-2.92	3.84
MRFBM1CB26P5_SIN		0.00	-133.01	-13.61	-12.20	-22.84	-9.67	-6.32	2.99	-7.10	-0.78	-0.78	0.22	-0.55	-0.19	-1.49	-1.03
MRFBM1FB9_COS		302.25	-44.73	210.19	-67.03	19.14	-0.05	1.83	10.54	-1.79	-1.96	-1.81	-1.66	-0.90	0.08	1.28	-0.92
MRFBM1FB9_SIN		0.00	31.29	67.38	-56.59	-5.38	-5.30	1.26	-3.27	1.16	-0.83	-0.26	0.16	-0.13	0.61	1.78	1.07
MRFBM1TOR26P5_COS		-364.19	95.39	-0.39	0.32	-0.32	0.26	-0.08	0.20	-0.04	-0.04	-0.12	-0.04	-0.01	0.01	0.00	0.06
MRFBM1TOR26P5_SIN		0.00	-68.84	-0.37	0.39	-0.22	0.01	-0.02	0.19	0.15	0.00	-0.02	-0.13	0.04	0.03	0.14	-0.03

RUN	POINT	Harmonics															
52	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1172.04	-1254.70	-185.21	245.98	-30.92	-33.47	-7.06	-64.70	19.08	19.72	-2.01	15.75	8.28	-5.71	-35.40	5.82
MRPC1CB33P25_SIN		0.00	-153.30	-58.18	12.77	-3.14	-3.28	-1.91	52.39	-27.09	10.07	-15.19	-14.49	-8.36	-7.66	-15.33	-20.57
MRPC1FB33P25_COS		2274.20	28.81	-349.15	251.11	-117.17	14.66	-10.15	-142.89	14.37	49.89	43.68	49.05	23.48	-6.76	-68.59	21.96
MRPC1FB33P25_SIN		0.00	125.99	-138.39	141.07	16.55	39.97	10.77	90.36	-42.14	-12.83	5.64	-7.81	-4.74	-5.89	-29.33	-42.24
MRPC1TOR25P5_COS		-792.04	-39.26	33.62	-69.26	11.11	0.56	-16.48	-8.13	-7.14	-0.99	0.21	1.94	-3.15	-2.49	-0.48	-3.71
MRPC1TOR25P5_SIN		0.00	100.61	-37.71	-6.90	1.11	-0.69	4.21	-40.67	-4.25	2.07	2.83	1.02	-0.79	-1.21	-6.51	0.88
MRPLK1LOAD_COS		-89.11	10.79	4.19	-7.56	1.60	0.23	-1.89	-0.64	-0.89	0.14	0.20	0.20	-0.49	-0.23	0.59	-0.94
MRPLK1LOAD_SIN		0.00	-13.42	-1.06	-1.88	-0.21	0.16	0.45	-5.81	-0.39	0.27	0.75	0.36	-0.12	-0.38	-1.48	0.21
PITCHRH_COS		10976.12	-8588.43	-417.89	-89.22	-41.33	-376.39	2.24	-35.81	-18.56	45.41	257.08	-49.75	28.46	-24.55	20.09	-336.50
PITCHRH_SIN		0.00	2491.96	-513.14	41.00	52.84	-46.49	250.28	-29.12	1.34	-71.48	-280.20	-12.47	-2.35	-6.79	-9.62	-116.32
ROLLRH_COS		509.34	-2045.41	500.71	-62.54	-66.78	-174.40	-128.34	9.64	74.91	10.76	137.05	-21.93	32.36	-32.45	53.00	-89.67
ROLLRH_SIN		0.00	-8426.48	-550.06	-52.13	144.55	-152.17	-119.50	-26.83	-26.55	22.56	-23.28	-41.60	11.46	3.66	-8.40	-453.84
TORQ_COS		30808.11	492.96	4.23	-17.46	-38.35	136.12	-7.71	-2.44	-14.51	1.75	27.15	1.78	0.66	0.21	-9.14	0.06
TORQ_SIN		0.00	478.54	-16.43	13.37	50.60	52.46	6.27	10.99	17.77	-4.74	-1.04	5.73	-7.27	5.99	-8.95	25.94
THRUST_COS		5733.91	-63.47	7.10	-0.47	6.68	-14.22	1.36	2.18	1.51	-1.82	-9.69	5.08	-1.66	0.07	-0.53	-6.19
THRUST_SIN		0.00	-12.16	7.66	7.51	3.59	-33.12	2.10	10.72	0.64	1.10	7.35	-1.62	0.08	-0.57	0.34	29.71

RUN	POINT	Harmonics															
52	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.76	-15.59	-13.52	-2.29	-37.86	33.36	9.44	-1.35	-1.40	-0.80	-6.24	0.98	-1.50	1.02	-1.78	3.34
SIDERH_SIN		0.00	205.54	11.56	0.84	-44.77	-15.60	8.29	0.29	2.15	-1.49	0.84	2.73	-0.15	-0.02	0.06	13.31
DRAGRH_COS		-234.90	227.32	9.20	0.38	-11.94	34.46	-16.05	1.18	1.51	-0.97	-10.53	4.32	0.46	0.95	-0.96	14.64
DRAGRH_SIN		0.00	-53.06	16.71	-1.12	15.38	20.15	-32.12	2.95	0.36	4.22	22.61	-1.52	1.90	0.91	-0.41	4.93

RUN	POINT	Harmonics															
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.62	0.48	0.57	-3.37	-2.89	-0.57	0.08	0.42	0.00	-0.01	0.02	0.19	0.27	0.08	0.08	-0.04
ACT1FORCE_SIN		0.00	8.75	1.91	0.69	-0.12	-0.86	-0.41	-0.19	0.07	-0.03	-0.10	0.02	0.18	0.15	0.16	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.02	-13.33	-8.07	30.06	24.43	5.93	-1.52	-0.01	0.00	-0.01	0.02	0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-64.59	-14.40	-11.52	1.83	9.47	2.60	-0.02	-0.03	-0.03	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.79	13.41	8.11	-30.09	-24.50	-5.99	1.50	0.00	0.01	0.01	-0.01	0.00	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	64.69	14.45	11.60	-1.77	-9.47	-2.63	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-4016.24	-1520.99	-76.74	241.19	-7.52	-41.59	-22.15	-49.97	26.95	25.59	-35.50	16.38	8.71	-5.93	-33.48	6.89
MRBLD1CB42P75_SIN		0.00	-298.06	-83.62	53.09	29.08	-16.10	9.91	80.04	-13.74	31.75	-24.37	-28.38	-15.38	-14.15	-33.69	-19.17

RUN	POINT	Harmonics															
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2759.49	-785.89	262.06	179.09	47.99	-10.09	-60.98	-42.52	12.63	29.91	-7.17	9.55	2.33	-2.52	-21.95	-1.59
MRBLD1CB70_SIN		0.00	-184.02	-82.24	62.45	118.88	-7.68	17.61	62.73	-0.30	28.32	-20.63	-19.73	-10.81	-5.28	-20.96	-16.18
MRBLD1CB120_COS		-564.63	-237.70	413.80	138.69	49.86	53.71	-42.02	-5.80	-24.21	0.77	35.44	0.46	-4.36	-1.33	7.46	7.70
MRBLD1CB120_SIN		0.00	-5.40	-121.30	-9.67	119.98	2.61	8.57	16.97	-0.72	-13.99	18.30	12.63	4.68	5.65	2.67	-1.62
MRBLD1CB164_COS		-1982.17	-81.10	137.12	13.91	-21.22	21.88	-14.16	18.60	-18.16	-4.20	21.32	3.34	1.62	-0.15	4.40	-7.12
MRBLD1CB164_SIN		0.00	47.20	-41.31	7.61	49.41	12.42	-2.00	-18.06	-3.38	-23.79	20.94	16.04	6.29	0.97	12.85	12.87
MRBLD1FB42P75_COS		3087.21	133.93	-453.01	356.54	-183.17	30.65	19.58	-22.82	-17.96	17.10	13.00	23.69	13.48	-12.71	-73.18	-7.79
MRBLD1FB42P75_SIN		0.00	27.29	-93.51	95.69	3.07	31.30	12.94	159.29	-31.82	-26.35	-13.27	-47.60	-22.95	-4.53	7.01	-49.14
MRBLD1FB70_COS		401.59	-89.67	-236.28	84.70	-73.67	4.44	6.92	1.43	0.09	1.77	-2.60	-3.71	-1.76	1.44	15.26	1.44
MRBLD1FB70_SIN		0.00	-141.78	-28.21	28.36	-13.81	0.44	2.18	30.78	-2.22	2.61	3.43	2.71	2.00	0.46	-0.04	10.98
MRBLD1FB87_COS		-85.35	-47.32	-184.57	18.39	-52.93	-11.46	-4.48	2.90	5.81	0.54	4.74	-0.49	-1.19	2.27	14.93	0.89
MRBLD1FB87_SIN		0.00	-132.68	11.02	49.65	2.26	-1.07	-2.67	-17.35	-0.13	2.83	3.05	12.56	7.30	3.37	0.32	10.38
MRBLD1FB120_COS		-467.11	-37.30	-262.82	-1.34	-13.17	-7.81	-3.92	1.99	-0.69	-2.21	-2.20	0.47	1.93	-0.56	-20.59	-1.37
MRBLD1FB120_SIN		0.00	-166.90	32.93	105.82	30.95	8.66	2.01	-38.51	9.37	-0.75	-8.48	-10.31	-6.43	-5.69	-1.91	-14.66
MRBLD1FB164_COS		-104.18	1.53	-388.92	80.74	163.91	39.74	28.43	-0.66	-0.30	6.02	3.38	2.61	6.05	3.22	7.94	1.08
MRBLD1FB164_SIN		0.00	-211.04	14.80	96.40	47.71	-23.80	-17.39	39.61	-9.77	8.57	12.01	13.15	3.65	-0.58	1.28	12.24

RUN	POINT	Harmonics															
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.60	4.90	-230.23	59.87	138.57	28.55	10.15	-1.77	3.24	4.74	10.52	-0.81	-0.65	0.77	-21.83	1.65
MRBLD1FB180_SIN		0.00	-147.60	3.50	34.47	18.28	-28.44	-16.64	33.56	-20.98	-4.79	-1.52	14.15	-1.16	-4.01	-0.52	-16.08
MRBLD1TOR51_COS		-1385.20	41.20	-30.10	63.31	-16.82	-5.39	12.02	10.65	4.37	2.74	2.40	0.75	2.32	0.51	-5.77	2.61
MRBLD1TOR51_SIN		0.00	-36.64	-10.17	27.43	0.98	0.50	-0.85	39.85	0.83	-1.57	-3.67	0.43	0.86	0.71	-4.17	-3.51
MRBLD1TOR71_COS		-243.95	49.69	-35.25	40.95	-10.96	-4.55	12.17	12.69	1.84	-0.28	1.54	-0.91	1.03	1.08	-1.88	1.79
MRBLD1TOR71_SIN		0.00	-38.56	-12.52	11.16	-3.84	-0.39	0.92	32.05	2.42	-1.41	-2.44	2.45	2.08	1.66	-2.21	-1.11
MRBLD1TOR130_COS		-11.44	46.99	-13.89	25.75	3.88	-6.61	6.95	7.76	0.48	-0.05	-0.63	2.67	0.21	-1.20	0.54	-2.23
MRBLD1TOR130_SIN		0.00	-32.70	-7.19	2.48	4.85	3.16	2.45	27.42	1.96	2.56	1.72	1.74	0.52	-0.76	-0.47	2.02
MRBLD1TOR164_COS		-209.38	32.21	48.52	3.29	-15.70	-10.90	-4.26	1.61	0.68	2.39	2.61	0.47	-0.74	0.31	0.12	0.97
MRBLD1TOR164_SIN		0.00	-11.20	-0.65	-18.42	-11.44	4.87	4.60	11.14	0.14	1.05	2.46	2.43	0.45	-0.65	-3.31	0.16
MRFBM1CB26P5_COS		-4743.55	-656.59	-72.44	80.08	0.87	-13.40	11.16	-4.22	3.50	-1.53	-4.70	2.10	2.22	-0.49	-1.62	4.48
MRFBM1CB26P5_SIN		0.00	-186.37	-11.68	-10.34	-19.25	-9.09	-3.13	5.19	-5.58	-0.68	-0.82	-0.75	-0.12	-0.71	-3.40	-0.66
MRFBM1FB9_COS		315.50	30.18	195.59	-73.99	22.00	-0.41	-0.18	7.25	-1.26	-1.47	-0.86	-1.92	-1.10	-0.28	0.45	-1.35
MRFBM1FB9_SIN		0.00	22.60	66.48	-60.92	2.05	-4.62	0.11	-5.93	0.63	-0.84	0.16	0.28	-0.14	0.56	2.21	0.59
MRFBM1TOR26P5_COS		-364.25	96.26	-0.34	0.30	-0.28	0.28	-0.03	0.27	-0.03	0.00	-0.08	-0.06	-0.02	0.02	-0.05	0.00
MRFBM1TOR26P5_SIN		0.00	-68.08	-0.31	0.45	-0.26	0.04	0.01	0.16	0.13	0.01	0.01	-0.05	0.03	0.05	0.13	-0.04

RUN	POINT	Harmonics															
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1163.08	-1446.32	-161.19	254.04	-31.47	-30.50	1.00	-35.75	15.55	17.49	-22.88	16.81	8.79	-4.62	-28.14	12.52
MRPC1CB33P25_SIN		0.00	-250.62	-58.78	19.90	-14.67	-7.44	1.99	64.12	-18.89	13.76	-12.25	-19.42	-9.62	-9.96	-28.71	-17.29
MRPC1FB33P25_COS		2271.33	81.74	-343.02	273.04	-148.80	14.55	9.50	-80.50	3.04	30.17	19.10	48.87	24.01	-5.31	-50.65	38.53
MRPC1FB33P25_SIN		0.00	143.17	-140.57	150.93	-33.40	31.92	15.57	112.83	-33.01	-9.93	-2.83	-16.59	-6.16	-11.72	-60.46	-33.80
MRPC1TOR25P5_COS		-795.84	-30.61	24.83	-70.64	14.51	-1.79	-19.97	-18.68	-5.49	-1.34	-4.55	2.70	-2.36	-2.43	2.01	0.83
MRPC1TOR25P5_SIN		0.00	103.73	-35.47	-10.53	4.16	2.02	1.60	-38.36	-4.58	3.90	2.90	-2.71	-2.13	-2.23	-6.68	0.93
MRPLK1LOAD_COS		-89.44	10.43	3.67	-7.95	2.19	-0.19	-2.34	-2.33	-0.66	0.05	-0.34	0.40	-0.37	-0.22	1.01	-0.06
MRPLK1LOAD_SIN		0.00	-13.69	-0.96	-2.45	0.35	0.48	0.02	-5.46	-0.47	0.39	0.66	-0.31	-0.24	-0.55	-1.25	0.27
PITCHRH_COS		9535.75	-8802.47	-396.77	-104.46	-58.76	-541.74	-36.62	-0.76	-14.91	73.93	252.48	-31.43	32.55	-6.27	45.80	-223.96
PITCHRH_SIN		0.00	2646.40	-498.31	23.84	90.57	-146.85	275.61	-56.02	40.72	-83.62	-252.08	-19.53	8.60	-33.97	-13.28	-219.45
ROLLRH_COS		439.26	-2181.35	480.01	-47.41	-83.97	101.71	-138.99	42.60	65.93	-11.49	121.86	-15.88	37.70	-45.03	36.27	75.00
ROLLRH_SIN		0.00	-8666.00	-564.44	-59.85	143.01	-509.52	-158.96	1.05	-32.16	69.81	-32.46	-25.38	27.73	6.42	-30.38	-405.76
TORQ_COS		30698.22	479.44	2.99	-19.71	-62.12	141.87	-8.33	-5.33	-15.83	0.26	34.32	1.96	3.06	-1.96	-8.61	1.18
TORQ_SIN		0.00	443.58	-21.68	8.59	51.51	59.91	4.98	3.38	9.24	-7.49	-6.82	8.56	-7.40	5.57	-10.23	28.04
THRUST_COS		5770.79	-61.93	7.80	-1.46	8.63	-10.91	0.63	-3.60	2.01	-0.53	-4.66	4.90	-1.93	-0.55	2.17	-13.06
THRUST_SIN		0.00	-13.28	9.29	7.41	3.39	-29.67	3.69	7.18	1.58	0.65	-1.34	0.02	-1.24	0.24	1.03	26.17

RUN	POINT	Harmonics															
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.43	-13.92	-12.99	-3.67	-40.52	37.37	7.53	-1.81	-1.25	0.07	-5.87	1.00	-1.73	1.42	-1.25	-1.54
SIDERH_SIN		0.00	216.06	11.02	0.40	-47.11	19.18	11.95	-0.63	2.36	-3.94	0.88	1.87	-0.79	0.02	0.88	12.18
DRAGRH_COS		-237.83	234.21	8.15	0.53	-13.64	14.54	-10.33	0.67	0.58	-1.94	-9.43	2.48	-0.69	0.70	-1.94	10.25
DRAGRH_SIN		0.00	-56.41	17.41	-0.48	15.21	-0.37	-36.37	3.17	-0.68	4.05	24.05	-1.56	2.78	1.70	-0.15	10.16

RUN	POINT	Harmonics															
52	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.85	0.60	0.60	-3.07	-2.80	-0.63	0.29	0.47	0.14	0.00	-0.07	0.17	0.29	0.06	0.08	-0.06
ACT1FORCE_SIN		0.00	8.19	1.90	0.31	-0.05	-0.94	-0.52	-0.16	0.01	0.05	-0.14	-0.01	0.18	0.08	0.13	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		342.51	-16.21	-13.46	27.95	28.20	5.14	-4.74	-0.01	0.00	-0.02	0.02	0.02	0.00	-0.02	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-64.06	-13.59	-2.66	-1.73	7.52	6.62	-0.01	-0.01	-0.04	-0.01	0.00	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.27	16.32	13.53	-27.98	-28.27	-5.22	4.69	0.00	0.00	0.02	-0.01	-0.02	0.00	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	64.16	13.62	2.76	1.84	-7.50	-6.66	-0.01	0.01	0.03	0.01	0.00	-0.01	0.00	0.01	0.02
MRBLD1CB42P75_COS		-4007.93	-1464.79	-85.75	246.31	-15.98	-42.37	-22.78	-69.68	25.15	24.91	-26.55	6.19	6.05	-8.36	-34.76	1.97
MRBLD1CB42P75_SIN		0.00	-287.24	-92.97	47.65	25.03	-7.24	12.21	84.11	-18.79	25.69	-21.40	-36.55	-19.37	-15.47	-32.19	-17.91

RUN	POINT	Harmonics															
52	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2777.12	-749.58	252.87	186.44	37.48	-19.47	-59.66	-54.43	10.77	29.55	2.44	3.47	1.28	-4.71	-23.08	-4.66
MRBLD1CB70_SIN		0.00	-182.15	-92.93	56.73	111.74	3.54	18.71	69.66	-3.18	24.19	-22.02	-24.57	-11.40	-5.82	-20.22	-12.78
MRBLD1CB120_COS		-550.74	-220.26	406.64	145.24	40.24	42.84	-40.10	-9.69	-23.69	0.98	31.35	6.49	-3.20	-0.79	7.25	6.67
MRBLD1CB120_SIN		0.00	-8.87	-131.22	-16.39	108.65	10.10	7.37	26.21	1.70	-9.21	17.95	16.12	6.51	6.76	2.36	-2.45
MRBLD1CB164_COS		-1978.21	-76.02	136.81	15.88	-23.68	17.35	-12.07	23.47	-17.43	-4.93	14.75	7.57	2.46	0.68	5.31	-3.86
MRBLD1CB164_SIN		0.00	46.25	-44.94	6.36	45.57	14.37	-3.39	-15.00	-0.46	-19.48	21.90	19.09	6.68	2.08	14.07	12.12
MRBLD1FB42P75_COS		3100.26	118.13	-451.83	352.64	-190.62	38.89	16.32	-50.71	-16.00	18.98	18.93	15.45	8.82	-14.55	-72.62	-13.97
MRBLD1FB42P75_SIN		0.00	29.30	-91.28	88.39	-15.71	34.62	18.38	191.47	-35.45	-25.30	0.29	-50.35	-24.84	-3.43	9.83	-38.94
MRBLD1FB70_COS		401.87	-89.32	-235.40	83.16	-76.07	6.39	6.46	-3.97	-0.04	1.34	-2.64	-3.97	-1.85	1.54	15.26	2.77
MRBLD1FB70_SIN		0.00	-139.47	-27.44	26.49	-19.22	1.89	3.40	36.61	-2.49	2.61	2.98	2.98	2.13	0.25	-0.50	9.03
MRBLD1FB87_COS		-88.02	-48.12	-183.16	16.66	-53.94	-12.10	-4.78	4.40	4.74	0.02	3.24	1.96	0.06	2.97	14.93	2.19
MRBLD1FB87_SIN		0.00	-129.75	12.64	49.73	-0.01	-0.98	-3.04	-20.56	-0.12	2.37	0.28	13.17	7.88	3.22	-0.45	8.09
MRBLD1FB120_COS		-470.06	-40.02	-260.07	-1.89	-10.79	-9.49	-2.80	9.79	0.04	-1.74	-2.24	-0.39	1.61	-1.61	-21.20	-3.33
MRBLD1FB120_SIN		0.00	-163.67	36.39	107.25	32.88	7.98	0.28	-46.69	10.27	-0.80	-7.69	-10.84	-6.71	-5.59	-0.75	-11.18
MRBLD1FB164_COS		-109.35	-5.17	-391.74	79.72	164.32	34.43	27.67	-13.92	0.25	6.20	3.35	4.95	6.62	3.74	8.82	3.16
MRBLD1FB164_SIN		0.00	-205.79	19.77	95.49	54.36	-25.55	-15.70	52.07	-12.13	8.58	10.33	14.60	4.21	-0.69	0.93	9.50

RUN	POINT	Harmonics															
52	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.65	0.47	-233.24	59.94	137.45	25.15	8.89	-13.99	0.98	3.09	8.96	6.27	3.36	1.37	-22.53	-0.58
MRBLD1FB180_SIN		0.00	-144.03	6.23	32.32	19.64	-30.40	-14.84	42.92	-24.58	-6.81	-8.05	15.46	-0.12	-3.36	1.20	-11.39
MRBLD1TOR51_COS		-1386.79	40.34	-31.23	64.70	-18.13	-7.81	10.38	5.47	4.98	2.26	2.42	1.69	3.02	0.60	-6.62	0.57
MRBLD1TOR51_SIN		0.00	-35.71	-10.84	26.07	1.23	2.09	-1.17	45.73	0.46	-1.82	-4.98	0.88	1.47	1.20	-3.77	-3.30
MRBLD1TOR71_COS		-242.58	48.30	-35.91	42.03	-11.65	-6.58	10.89	9.84	2.46	-0.55	1.49	0.49	1.94	1.46	-2.45	0.52
MRBLD1TOR71_SIN		0.00	-37.46	-12.73	10.41	-2.95	0.77	0.57	37.00	2.54	-1.37	-3.83	3.10	2.72	2.05	-1.92	-1.08
MRBLD1TOR130_COS		-9.24	46.22	-14.29	26.77	3.26	-8.02	5.80	4.76	1.11	-0.11	-0.84	2.93	0.28	-1.05	0.91	-1.32
MRBLD1TOR130_SIN		0.00	-31.92	-7.30	2.37	6.22	4.32	2.50	31.85	2.25	2.82	2.13	0.85	0.21	-0.85	-0.09	2.22
MRBLD1TOR164_COS		-208.30	32.49	48.72	3.82	-16.18	-10.84	-4.74	1.14	0.33	2.67	3.14	1.38	-0.34	0.21	0.39	1.47
MRBLD1TOR164_SIN		0.00	-11.07	-1.20	-18.42	-12.00	6.25	4.98	13.13	0.28	0.48	2.23	2.63	0.85	-0.72	-3.16	0.33
MRFBM1CB26P5_COS		-4757.94	-630.79	-76.25	80.75	-0.50	-10.92	10.48	-6.88	3.65	-1.47	-5.59	1.66	2.07	-0.40	-1.67	3.63
MRFBM1CB26P5_SIN		0.00	-179.19	-14.93	-11.02	-18.58	-8.74	-2.75	4.72	-6.30	-0.67	0.54	-1.14	-0.69	-0.64	-3.37	-1.20
MRFBM1FB9_COS		315.27	10.06	199.83	-73.62	22.31	-0.26	-0.09	9.58	-1.43	-1.42	-0.92	-1.73	-1.00	-0.17	0.64	-0.88
MRFBM1FB9_SIN		0.00	28.99	69.22	-59.26	4.98	-4.89	-0.17	-6.14	0.92	-0.76	-0.08	0.67	0.09	0.71	2.22	0.69
MRFBM1TOR26P5_COS		-364.73	96.33	-0.35	0.33	-0.26	0.22	-0.03	0.24	-0.04	-0.02	-0.07	-0.08	-0.02	0.01	-0.04	0.00
MRFBM1TOR26P5_SIN		0.00	-67.61	-0.32	0.45	-0.25	0.03	-0.01	0.20	0.13	0.00	-0.03	-0.03	0.03	0.04	0.13	-0.03

RUN	POINT	Harmonics															
52	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1108.19	-1394.77	-169.73	256.01	-36.72	-27.33	-0.07	-53.69	15.06	16.68	-19.07	9.69	6.97	-6.31	-29.13	7.15
MRPC1CB33P25_SIN		0.00	-241.42	-64.88	15.19	-17.13	-1.99	4.06	68.16	-22.90	11.04	-7.64	-24.51	-12.42	-10.73	-27.35	-16.85
MRPC1FB33P25_COS		2265.06	69.02	-343.46	270.71	-151.13	20.09	4.34	-115.12	5.41	30.88	16.30	44.79	22.60	-7.49	-52.85	26.21
MRPC1FB33P25_SIN		0.00	142.80	-139.50	143.69	-49.53	37.53	18.57	127.34	-35.10	-8.83	9.95	-24.62	-10.28	-12.37	-58.05	-33.33
MRPC1TOR25P5_COS		-801.19	-30.24	26.97	-71.85	15.81	1.05	-18.41	-14.67	-6.19	-0.75	-4.04	1.49	-2.82	-2.66	2.58	2.23
MRPC1TOR25P5_SIN		0.00	101.06	-36.34	-10.08	2.86	0.80	1.61	-44.46	-4.25	3.58	5.52	-4.28	-3.17	-2.84	-6.59	0.62
MRPLK1LOAD_COS		-90.72	10.91	3.79	-8.01	2.40	0.23	-2.14	-1.71	-0.69	0.19	-0.31	0.33	-0.42	-0.25	1.03	0.15
MRPLK1LOAD_SIN		0.00	-13.27	-0.91	-2.31	0.28	0.27	0.12	-6.39	-0.41	0.36	1.06	-0.52	-0.37	-0.63	-1.25	0.18
PITCHRH_COS		9607.61	-8524.32	-407.87	-102.31	-53.16	-607.49	-64.58	-20.96	-17.81	112.75	219.22	-38.98	20.78	14.02	27.77	-268.88
PITCHRH_SIN		0.00	2237.97	-506.09	22.85	74.32	-146.70	251.81	4.38	28.27	-74.13	-290.15	-19.79	3.12	-36.30	-6.04	-216.29
ROLLRH_COS		133.59	-1758.35	493.91	-53.75	-132.36	108.46	-144.68	51.15	50.15	-17.02	100.72	-12.41	41.02	-45.55	40.74	62.24
ROLLRH_SIN		0.00	-8353.16	-565.34	-57.34	175.99	-568.05	-190.04	20.61	-29.34	73.02	-60.59	-30.72	9.66	-10.58	-19.31	-417.64
TORQ_COS		30591.18	488.07	6.01	-22.85	-43.21	134.14	-6.86	2.07	-14.68	0.75	35.90	3.36	0.71	-2.31	-7.70	4.00
TORQ_SIN		0.00	487.80	-16.34	11.43	41.21	54.73	5.10	7.61	12.98	-4.86	-9.45	8.57	-6.27	7.29	-10.71	32.08
THRUST_COS		5794.90	-61.67	7.22	-2.09	5.57	-13.53	2.67	1.86	1.39	-0.06	-0.79	5.46	-1.57	-0.99	1.94	-10.13
THRUST_SIN		0.00	-12.33	7.81	7.83	4.56	-32.44	3.35	6.91	1.19	0.10	-2.32	-1.32	-0.21	0.26	0.50	26.71

RUN	POINT	Harmonics															
52	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.86	-25.97	-13.52	-3.43	-26.00	34.24	7.45	-2.14	-0.64	0.36	-5.00	0.82	-1.84	1.48	-1.34	-1.00
SIDERH_SIN		0.00	199.77	11.20	-0.08	-55.30	25.39	12.34	-1.62	1.98	-3.71	2.14	2.16	-0.27	0.58	0.47	12.56
DRAGRH_COS		-226.90	226.65	8.26	1.04	-13.85	6.91	-5.68	-1.68	1.58	-5.53	-7.62	3.30	-0.04	0.03	-1.25	11.89
DRAGRH_SIN		0.00	-45.96	16.84	-0.40	11.91	-3.34	-33.53	4.90	-0.11	3.53	25.67	-1.47	2.00	2.09	-0.25	9.92

RUN	POINT	Harmonics															
52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.58	0.49	0.64	-3.06	-2.60	-0.68	0.19	0.50	0.19	0.02	-0.04	0.14	0.25	0.08	0.09	-0.06
ACT1FORCE_SIN		0.00	8.18	1.81	0.29	0.12	-0.95	-0.51	-0.16	0.04	0.13	-0.11	0.00	0.18	0.07	0.16	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		342.39	-13.71	-11.47	26.43	25.34	7.16	-4.63	0.00	0.00	-0.01	0.02	0.03	0.00	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-61.95	-15.71	-3.44	-0.50	7.75	5.56	-0.02	-0.02	-0.02	-0.01	0.01	0.01	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.38	13.81	11.54	-26.46	-25.40	-7.24	4.59	-0.01	0.00	0.02	-0.02	-0.03	0.00	0.02	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	62.05	15.75	3.54	0.60	-7.73	-5.60	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-4014.63	-1229.96	-99.48	235.37	-13.64	-43.86	-26.50	-74.03	29.79	26.59	-7.68	2.01	3.84	-10.84	-50.78	-1.76
MRBLD1CB42P75_SIN		0.00	-157.48	-80.60	38.43	51.25	-9.06	5.39	67.98	-19.05	28.31	-43.73	-32.35	-20.54	-14.91	-26.41	-24.59

RUN	POINT	Harmonics															
52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2768.31	-599.93	246.99	172.13	30.71	-16.68	-61.28	-60.38	13.77	29.01	11.01	0.54	0.55	-4.87	-35.55	-11.19
MRBLD1CB70_SIN		0.00	-86.02	-83.82	51.88	148.53	13.35	22.10	57.18	-3.38	26.95	-38.18	-23.14	-11.55	-5.72	-19.81	-18.83
MRBLD1CB120_COS		-562.97	-162.47	406.55	131.03	41.71	46.00	-42.56	-18.16	-24.74	2.75	22.40	7.52	-4.02	-0.31	7.78	6.41
MRBLD1CB120_SIN		0.00	45.69	-126.18	-16.79	152.06	28.56	24.34	17.92	-2.44	-14.37	31.14	13.12	6.80	6.67	0.66	-4.16
MRBLD1CB164_COS		-1980.65	-63.63	137.46	10.34	-23.92	16.99	-12.92	20.35	-18.81	-0.97	8.29	9.34	2.10	0.42	12.10	-0.06
MRBLD1CB164_SIN		0.00	62.33	-44.76	4.09	65.15	23.08	7.59	-13.39	-3.76	-23.90	34.85	17.62	6.40	2.12	15.43	16.72
MRBLD1FB42P75_COS		3092.81	48.38	-461.47	332.08	-117.46	25.80	1.08	-77.21	-13.13	27.48	36.44	14.08	3.49	-17.10	-78.38	-31.63
MRBLD1FB42P75_SIN		0.00	7.08	-88.67	80.14	40.80	34.35	13.33	159.37	-50.24	-47.50	-19.37	-45.38	-23.67	4.32	45.40	-44.35
MRBLD1FB70_COS		402.01	-92.82	-241.60	75.74	-55.05	3.81	3.92	-8.74	-0.09	1.20	-2.88	-3.68	-1.12	2.19	17.45	6.76
MRBLD1FB70_SIN		0.00	-139.40	-24.96	21.62	-0.54	1.94	3.20	31.41	-3.99	1.51	1.81	2.71	1.95	-0.80	-7.84	9.93
MRBLD1FB87_COS		-87.83	-50.46	-187.71	12.58	-45.74	-12.47	-3.65	8.07	5.04	-0.98	-0.29	2.03	1.05	3.23	15.73	5.44
MRBLD1FB87_SIN		0.00	-132.46	14.65	46.73	7.41	-2.27	-3.76	-18.16	2.01	6.45	5.91	11.85	7.63	1.54	-8.13	9.26
MRBLD1FB120_COS		-467.58	-41.00	-264.58	-6.29	-14.31	-9.39	-0.90	15.92	-0.04	-1.45	-1.81	-1.49	0.38	-1.95	-22.64	-8.26
MRBLD1FB120_SIN		0.00	-171.62	37.07	103.68	30.06	9.48	1.08	-40.51	12.09	-0.68	-9.88	-9.92	-6.43	-3.79	10.08	-13.12
MRBLD1FB164_COS		-107.18	-6.09	-397.96	74.22	145.10	43.84	28.26	-24.21	-0.64	7.10	2.82	5.31	6.99	2.90	8.82	5.21
MRBLD1FB164_SIN		0.00	-222.07	24.78	99.58	28.91	-21.82	-12.75	42.04	-15.09	7.29	13.48	13.78	3.94	-1.77	-4.13	11.63

RUN	POINT	Harmonics															
52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.42	1.11	-235.66	58.46	126.86	31.94	9.06	-21.94	1.54	3.05	2.60	5.23	2.33	-0.13	-25.91	-7.19
MRBLD1FB180_SIN		0.00	-156.14	9.49	38.29	5.29	-29.62	-14.48	34.78	-25.04	-3.45	2.29	11.66	-1.18	-3.41	12.34	-16.69
MRBLD1TOR51_COS		-1386.75	43.93	-35.31	62.27	-11.91	-7.23	7.25	0.60	7.07	3.31	0.29	1.34	3.11	0.74	-8.23	1.77
MRBLD1TOR51_SIN		0.00	-33.89	-9.34	21.16	5.83	4.86	-5.50	37.31	-0.37	-0.58	-3.49	0.25	0.78	0.44	-1.46	-4.67
MRBLD1TOR71_COS		-241.68	48.98	-39.38	40.84	-7.60	-5.87	8.62	5.52	3.75	-0.17	-1.38	0.41	2.07	2.00	-3.86	1.05
MRBLD1TOR71_SIN		0.00	-37.51	-11.83	6.40	-1.57	3.58	-2.87	30.96	1.94	-0.13	-1.78	2.71	2.25	1.38	-1.31	-2.34
MRBLD1TOR130_COS		-7.82	48.21	-16.82	26.04	4.70	-6.63	4.38	0.93	2.08	1.06	0.21	2.81	-0.20	-1.30	-0.08	-2.48
MRBLD1TOR130_SIN		0.00	-31.25	-6.00	-0.03	3.23	6.90	0.47	26.19	1.13	2.74	2.57	1.48	0.09	-0.97	-2.06	2.28
MRBLD1TOR164_COS		-207.71	34.65	48.55	3.78	-13.67	-10.91	-4.86	0.02	0.53	2.49	2.68	1.78	-0.69	-0.10	-2.18	0.00
MRBLD1TOR164_SIN		0.00	-8.39	-0.33	-19.24	-9.36	6.26	3.70	11.83	0.59	0.93	2.39	2.91	1.16	-0.24	-4.05	-0.50
MRFBM1CB26P5_COS		-4772.79	-518.30	-81.89	79.46	2.25	-12.02	9.25	-6.54	4.34	-0.80	-3.26	1.29	1.73	-1.05	-3.23	4.38
MRFBM1CB26P5_SIN		0.00	-111.82	-10.90	-13.32	-22.26	-11.83	-5.49	3.47	-6.57	-1.01	0.19	-0.57	-0.98	-0.49	-1.87	-2.08
MRFBM1FB9_COS		313.71	-76.83	209.68	-69.47	17.28	0.43	1.59	9.29	-2.02	-2.18	-2.01	-1.52	-0.98	0.12	1.58	-0.97
MRFBM1FB9_SIN		0.00	33.02	65.39	-55.16	-5.51	-4.95	1.12	-3.92	1.14	-0.78	0.00	0.72	0.26	0.80	2.38	1.32
MRFBM1TOR26P5_COS		-364.87	95.56	-0.36	0.30	-0.30	0.26	-0.11	0.21	-0.04	-0.06	-0.12	-0.08	-0.01	0.00	0.05	0.05
MRFBM1TOR26P5_SIN		0.00	-68.20	-0.43	0.36	-0.21	0.03	-0.05	0.15	0.14	0.02	-0.04	-0.08	0.04	0.04	0.19	-0.01

RUN	POINT	Harmonics															
52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1096.22	-1185.97	-184.47	249.42	-26.56	-32.63	-5.26	-58.16	20.73	20.98	-4.04	7.40	4.92	-8.67	-43.45	4.56
MRPC1CB33P25_SIN		0.00	-138.23	-51.99	7.68	0.37	-7.22	-1.95	53.50	-24.51	10.58	-21.42	-21.28	-13.78	-9.92	-20.96	-24.01
MRPC1FB33P25_COS		2266.71	6.46	-348.44	254.95	-105.00	9.26	-4.84	-123.58	14.76	47.80	40.56	40.79	17.69	-14.93	-88.17	20.48
MRPC1FB33P25_SIN		0.00	119.38	-139.62	133.53	12.93	33.02	9.54	91.47	-45.09	-20.38	5.64	-21.13	-13.50	-10.09	-43.03	-52.62
MRPC1TOR25P5_COS		-799.93	-43.44	35.65	-70.97	9.56	-0.73	-15.24	-9.84	-8.15	-1.47	0.68	1.50	-3.69	-2.44	-2.32	-1.75
MRPC1TOR25P5_SIN		0.00	94.43	-41.39	-6.65	0.76	-3.04	5.29	-36.56	-3.95	1.71	2.22	-1.99	-2.89	-1.50	-10.20	-1.31
MRPLK1LOAD_COS		-90.98	10.48	4.35	-7.96	1.35	-0.08	-1.67	-1.00	-1.03	0.16	0.32	0.36	-0.55	-0.09	0.21	-0.69
MRPLK1LOAD_SIN		0.00	-14.02	-1.26	-1.73	-0.18	-0.19	0.66	-5.22	-0.31	0.22	0.73	-0.14	-0.33	-0.48	-2.21	-0.12
PITCHRH_COS		10923.97	-8580.25	-428.04	-101.21	-41.24	-318.07	17.86	-31.95	-29.88	64.79	233.51	-55.80	29.09	-28.35	8.95	-406.05
PITCHRH_SIN		0.00	2361.33	-504.27	43.40	61.69	-77.88	246.47	-16.22	1.43	-78.93	-307.85	-8.08	12.65	-21.11	-29.88	-133.94
ROLLRH_COS		96.36	-1861.21	479.62	-57.01	-95.04	-142.30	-119.37	-4.46	83.02	29.03	103.27	-15.94	30.75	-59.47	77.20	-137.69
ROLLRH_SIN		0.00	-8401.43	-576.17	-60.46	178.06	-112.94	-206.53	4.43	-25.18	10.89	-35.37	-39.67	28.77	16.06	-14.61	-614.46
TORQ_COS		30405.75	504.87	1.12	-21.48	-38.23	126.10	-8.60	1.42	-15.89	4.02	30.47	1.69	2.75	-1.76	-10.71	-6.00
TORQ_SIN		0.00	508.76	-18.27	11.22	45.82	59.19	5.95	9.32	12.23	-6.50	-5.35	7.93	-5.80	5.11	-11.43	36.56
THRUST_COS		5791.76	-61.60	6.97	-1.24	6.90	-10.57	0.46	5.10	1.23	-1.24	-4.40	5.56	-1.22	-0.31	-1.53	-3.29
THRUST_SIN		0.00	-11.61	8.09	8.67	4.44	-29.83	2.90	8.05	1.33	2.17	2.54	-1.63	-0.61	-0.29	2.69	37.74

RUN	POINT	Harmonics															
52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.57	-25.01	-13.45	-2.39	-38.11	27.30	8.52	-0.42	-1.48	-1.43	-4.75	0.89	-1.45	1.87	-2.35	4.64
SIDERH_SIN		0.00	199.03	12.09	0.44	-56.44	-13.19	9.57	0.09	2.46	-0.55	1.18	2.70	-0.79	-0.30	0.04	18.26
DRAGRH_COS		-213.19	227.46	9.01	0.85	-13.15	38.99	-15.72	1.90	1.07	-3.12	-9.01	4.18	-1.24	2.40	-0.15	17.18
DRAGRH_SIN		0.00	-48.52	17.04	-0.65	14.76	19.51	-32.40	2.62	1.38	4.75	25.45	-1.78	2.33	2.07	0.49	5.36

RUN	POINT	Harmonics															
52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.38	0.48	0.64	-3.12	-2.76	-0.64	0.23	0.48	0.15	0.00	-0.03	0.15	0.28	0.09	0.11	-0.02
ACT1FORCE_SIN		0.00	8.48	1.94	0.32	0.06	-0.99	-0.44	-0.14	0.02	0.10	-0.14	-0.01	0.17	0.08	0.15	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		346.39	-13.26	-11.36	24.68	27.87	7.20	-5.78	-0.01	0.01	-0.01	0.02	0.01	0.00	-0.01	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-65.91	-16.00	-3.28	0.86	7.13	4.17	-0.02	-0.02	-0.02	0.00	0.01	0.01	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.37	13.36	11.43	-24.70	-27.95	-7.28	5.75	0.00	-0.01	0.01	-0.01	-0.01	0.00	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	66.02	16.04	3.37	-0.75	-7.10	-4.22	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	-0.01	0.01
MRBLD1CB42P75_COS		-4003.91	-1338.81	-101.06	235.90	-19.93	-48.07	-21.77	-76.64	29.18	27.51	-20.29	6.05	5.76	-11.09	-45.78	-1.30
MRBLD1CB42P75_SIN		0.00	-245.68	-92.38	43.44	40.61	2.58	8.85	83.00	-23.39	25.09	-30.60	-30.77	-18.30	-14.65	-26.89	-20.68

RUN	POINT	Harmonics															
52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2782.13	-670.86	243.51	174.56	25.74	-27.51	-57.97	-62.16	12.55	29.53	0.90	4.30	1.51	-5.87	-32.21	-10.55
MRBLD1CB70_SIN		0.00	-142.57	-92.88	54.38	135.81	21.76	21.24	68.34	-5.84	23.16	-28.80	-22.64	-10.43	-5.52	-19.08	-14.22
MRBLD1CB120_COS		-556.88	-191.53	400.62	131.71	32.61	36.06	-41.54	-18.86	-25.87	1.36	28.76	5.61	-4.52	-0.42	7.17	5.35
MRBLD1CB120_SIN		0.00	21.65	-132.60	-13.30	140.08	30.17	16.51	23.45	1.80	-11.15	22.24	12.63	5.96	6.45	0.69	-3.49
MRBLD1CB164_COS		-1978.46	-70.07	135.71	9.15	-27.31	13.43	-14.34	20.92	-20.46	-3.24	16.20	6.73	1.24	0.14	10.11	-0.05
MRBLD1CB164_SIN		0.00	55.98	-46.54	6.79	61.18	21.39	1.35	-16.57	0.45	-20.54	26.47	16.63	4.95	1.36	14.88	13.82
MRBLD1FB42P75_COS		3086.17	81.49	-462.12	327.49	-152.19	42.50	8.10	-72.64	-13.42	26.91	32.05	16.03	7.05	-16.12	-74.99	-24.01
MRBLD1FB42P75_SIN		0.00	23.50	-90.01	89.25	32.53	46.04	17.85	198.34	-43.19	-39.75	-17.72	-43.92	-23.57	3.18	35.76	-38.78
MRBLD1FB70_COS		402.14	-91.65	-240.30	74.13	-65.49	7.41	5.53	-7.20	0.11	1.61	-2.63	-3.68	-1.55	1.97	16.18	4.73
MRBLD1FB70_SIN		0.00	-140.40	-25.23	25.84	-3.32	6.03	3.56	37.64	-3.73	1.77	2.76	2.85	1.90	-0.75	-5.69	8.82
MRBLD1FB87_COS		-87.91	-49.83	-185.91	11.65	-49.26	-11.55	-4.19	7.25	4.55	-1.22	0.77	1.69	0.38	3.32	15.42	4.43
MRBLD1FB87_SIN		0.00	-132.75	15.05	49.08	7.03	-0.37	-3.18	-21.11	1.09	4.91	4.36	11.40	7.42	1.90	-5.87	8.37
MRBLD1FB120_COS		-467.06	-41.02	-261.55	-6.25	-11.67	-11.23	-2.67	14.05	0.10	-1.82	-2.72	-1.49	1.13	-2.02	-21.90	-6.33
MRBLD1FB120_SIN		0.00	-170.90	38.26	102.75	31.22	6.08	0.44	-48.93	11.89	-0.89	-9.48	-9.68	-6.24	-3.84	7.08	-11.81
MRBLD1FB164_COS		-109.86	-6.57	-396.13	77.29	155.63	36.15	31.27	-20.89	1.46	8.10	3.41	5.35	6.21	2.84	9.17	5.67
MRBLD1FB164_SIN		0.00	-215.08	23.28	91.00	31.15	-33.53	-14.25	53.09	-14.75	7.89	12.98	13.00	3.38	-1.49	-2.43	10.40

RUN	POINT	Harmonics															
52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.62	0.21	-235.45	60.00	131.92	27.07	11.83	-19.30	1.82	3.04	4.07	4.25	1.68	0.01	-24.59	-5.92
MRBLD1FB180_SIN		0.00	-150.34	8.39	31.61	4.57	-34.58	-13.89	44.56	-25.66	-4.76	-0.28	11.24	-1.05	-2.90	8.70	-13.78
MRBLD1TOR51_COS		-1386.69	41.23	-35.09	62.15	-15.00	-8.24	10.65	3.49	6.29	2.88	0.42	1.49	3.12	0.54	-8.13	1.05
MRBLD1TOR51_SIN		0.00	-35.38	-11.67	24.60	5.44	4.83	-4.61	45.24	-0.13	-0.91	-4.00	-0.11	0.86	1.02	-2.04	-4.41
MRBLD1TOR71_COS		-241.17	47.89	-38.82	40.73	-9.31	-6.79	11.51	8.90	3.26	-0.49	-0.89	0.13	1.83	1.61	-3.38	0.52
MRBLD1TOR71_SIN		0.00	-38.05	-13.56	9.07	-1.22	2.63	-2.31	36.62	2.08	-0.43	-2.58	2.28	2.15	1.79	-1.43	-2.15
MRBLD1TOR130_COS		-7.37	46.70	-16.20	26.68	4.63	-7.73	6.62	3.43	1.89	0.78	-0.02	2.52	-0.08	-1.15	1.09	-1.96
MRBLD1TOR130_SIN		0.00	-32.10	-7.93	1.72	4.76	5.48	0.57	31.11	1.38	3.09	2.38	1.41	-0.07	-1.07	-1.38	2.45
MRBLD1TOR164_COS		-207.10	33.11	48.74	4.01	-15.04	-11.04	-4.31	1.08	0.21	2.55	3.02	1.38	-0.61	-0.01	-0.80	0.52
MRBLD1TOR164_SIN		0.00	-9.68	-1.57	-17.87	-9.19	8.28	4.04	13.43	0.26	0.58	2.13	2.57	0.78	-0.74	-3.75	0.30
MRFBM1CB26P5_COS		-4768.41	-568.55	-82.38	79.53	1.82	-10.99	9.75	-6.56	4.44	-0.82	-3.21	1.16	1.85	-0.77	-2.47	4.22
MRFBM1CB26P5_SIN		0.00	-155.52	-15.18	-11.47	-22.07	-10.42	-4.44	4.66	-6.89	-0.74	0.29	-0.49	-0.75	-0.49	-2.24	-1.95
MRFBM1FB9_COS		305.93	-32.32	209.12	-67.77	20.60	0.10	0.84	10.66	-1.82	-2.01	-1.56	-1.54	-0.99	0.06	1.35	-0.82
MRFBM1FB9_SIN		0.00	42.14	68.85	-57.52	-2.68	-6.68	0.55	-5.64	1.04	-0.79	-0.08	0.55	0.07	0.79	2.20	0.93
MRFBM1TOR26P5_COS		-364.95	95.95	-0.35	0.32	-0.28	0.23	-0.04	0.23	-0.04	-0.04	-0.11	-0.05	0.00	0.01	-0.01	0.03
MRFBM1TOR26P5_SIN		0.00	-67.96	-0.38	0.43	-0.25	0.04	-0.06	0.20	0.14	0.00	-0.02	-0.07	0.05	0.05	0.17	-0.02

RUN	POINT	Harmonics															
52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1060.83	-1284.28	-185.62	248.65	-33.37	-31.44	-1.29	-60.66	19.22	20.84	-10.96	9.73	6.64	-8.48	-38.59	4.67
MRPC1CB33P25_SIN		0.00	-214.46	-63.68	13.12	-7.01	2.36	0.74	67.25	-26.88	9.86	-14.07	-19.93	-11.92	-9.52	-21.68	-20.13
MRPC1FB33P25_COS		2257.20	35.72	-349.95	249.96	-131.09	19.18	-1.26	-135.40	11.03	43.66	35.93	41.51	20.41	-13.71	-76.78	20.18
MRPC1FB33P25_SIN		0.00	135.44	-140.97	140.24	-1.92	47.75	15.48	123.50	-40.00	-15.03	4.69	-19.22	-10.40	-9.86	-45.60	-42.06
MRPC1TOR25P5_COS		-801.94	-35.48	32.58	-70.60	12.04	0.44	-18.84	-13.69	-7.63	-1.10	-0.55	1.04	-3.75	-2.71	1.06	-0.19
MRPC1TOR25P5_SIN		0.00	96.51	-37.54	-9.92	0.59	-2.12	4.91	-43.89	-4.31	2.28	3.29	-2.00	-2.64	-2.36	-9.11	0.31
MRPLK1LOAD_COS		-91.29	10.63	4.33	-8.00	1.83	0.05	-2.17	-1.51	-0.95	0.14	0.14	0.16	-0.60	-0.19	0.91	-0.39
MRPLK1LOAD_SIN		0.00	-14.12	-0.92	-2.28	-0.23	-0.10	0.58	-6.31	-0.40	0.31	0.80	-0.18	-0.33	-0.62	-1.91	0.10
PITCHRH_COS		10149.14	-8589.86	-402.95	-91.55	-44.61	-444.56	-10.03	-7.16	-39.65	70.68	244.17	-47.33	22.74	-1.70	14.47	-372.36
PITCHRH_SIN		0.00	3140.07	-503.69	30.18	74.86	-79.80	235.28	-28.40	17.34	-84.20	-311.69	-13.64	6.74	-6.55	-15.25	-152.18
ROLLRH_COS		-155.74	-2652.21	480.45	-50.42	-118.33	-101.30	-131.55	14.80	73.97	19.89	107.91	-18.96	36.69	-33.45	55.72	-67.84
ROLLRH_SIN		0.00	-8441.98	-562.59	-61.83	194.40	-307.13	-156.10	-16.87	-50.72	47.81	-29.66	-34.75	18.44	-1.69	-34.95	-530.21
TORQ_COS		30691.37	495.82	-0.81	-21.47	-42.85	136.81	-8.54	-2.07	-15.89	2.50	28.92	2.59	0.68	-1.26	-9.01	-2.78
TORQ_SIN		0.00	495.06	-13.85	11.98	47.63	49.60	5.77	11.20	15.16	-5.59	-6.70	8.03	-6.48	6.83	-9.47	35.74
THRUST_COS		5769.21	-62.21	6.98	-1.96	5.57	-15.71	1.58	0.55	2.19	-1.48	-7.70	4.97	-1.87	-0.87	1.72	-5.12
THRUST_SIN		0.00	-11.97	7.98	8.21	3.28	-37.38	2.13	10.22	1.61	0.62	4.05	-2.24	-0.02	-0.65	2.22	31.40

RUN	POINT	Harmonics															
52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.12	-2.55	-13.55	-2.52	-30.44	31.84	9.40	-1.37	-1.44	-1.25	-5.10	1.06	-1.67	1.07	-1.76	2.65
SIDERH_SIN		0.00	201.42	11.73	0.47	-58.74	-1.52	8.39	0.78	3.00	-2.55	1.06	2.49	-0.35	0.37	0.81	15.56
DRAGRH_COS		-218.66	227.87	8.00	0.41	-14.56	25.46	-15.49	2.20	2.01	-2.89	-8.51	3.73	0.00	0.89	-0.56	15.65
DRAGRH_SIN		0.00	-69.43	16.56	-0.26	13.54	20.75	-32.75	3.39	-0.99	4.45	24.44	-1.79	1.84	1.47	0.01	6.46

RUN	POINT	Harmonics															
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.10	0.76	0.57	-3.02	-2.48	-0.60	0.34	0.48	0.15	0.00	-0.08	0.15	0.24	0.07	0.10	-0.06
ACT1FORCE_SIN		0.00	7.62	1.77	0.27	0.01	-1.00	-0.49	-0.12	0.02	0.13	-0.11	0.00	0.17	0.08	0.12	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.90	-16.35	-10.45	28.37	23.85	5.00	-4.21	0.00	0.01	-0.01	0.02	0.02	-0.01	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-58.77	-13.81	-3.65	-0.62	9.00	5.94	-0.03	-0.02	-0.01	0.00	0.00	0.02	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.86	16.46	10.52	-28.40	-23.91	-5.08	4.18	-0.01	-0.01	0.02	-0.01	-0.01	0.01	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	58.87	13.85	3.74	0.71	-8.99	-5.98	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4020.93	-1419.74	-99.12	241.77	-21.96	-40.62	-26.06	-79.01	25.71	29.32	-14.51	2.78	0.76	-11.95	-44.35	2.47
MRBLD1CB42P75_SIN		0.00	-291.96	-85.06	47.04	39.78	1.75	8.65	85.29	-20.04	27.46	-27.38	-26.47	-15.65	-12.74	-29.15	-20.10

RUN	POINT	Harmonics															
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2790.15	-717.25	245.16	181.82	28.68	-16.46	-58.22	-63.17	10.30	32.08	12.17	2.37	-1.59	-5.79	-29.71	-6.12
MRBLD1CB70_SIN		0.00	-181.60	-91.70	56.30	135.42	23.41	18.47	72.24	-5.14	25.95	-25.77	-16.98	-9.00	-4.72	-17.96	-14.55
MRBLD1CB120_COS		-544.07	-203.40	401.17	142.06	38.87	44.64	-37.36	-20.17	-27.34	-2.45	24.33	7.42	-2.00	0.53	8.23	6.61
MRBLD1CB120_SIN		0.00	-5.17	-134.60	-13.64	133.92	30.73	12.62	29.56	-1.04	-10.21	21.33	10.03	4.49	5.21	1.04	-3.21
MRBLD1CB164_COS		-1972.57	-71.93	134.90	14.16	-23.07	17.13	-9.55	21.81	-19.61	-7.72	6.16	8.18	3.12	0.65	9.09	-2.57
MRBLD1CB164_SIN		0.00	46.54	-46.22	9.56	56.05	22.41	0.76	-14.22	-1.99	-21.77	23.19	12.64	4.52	1.99	13.47	13.18
MRBLD1FB42P75_COS		3091.17	103.28	-458.75	348.65	-153.41	33.39	1.16	-74.20	-20.91	18.75	17.92	13.05	4.53	-17.43	-79.35	-17.20
MRBLD1FB42P75_SIN		0.00	32.64	-79.96	106.24	-0.42	31.92	19.56	206.17	-39.01	-29.41	-3.38	-44.01	-20.44	2.21	26.90	-45.93
MRBLD1FB70_COS		400.85	-91.51	-237.19	81.33	-65.14	6.06	3.92	-7.78	-0.26	1.87	-2.05	-3.53	-1.24	2.32	16.93	3.59
MRBLD1FB70_SIN		0.00	-139.04	-21.99	31.95	-13.28	1.85	3.62	38.85	-2.98	2.13	2.46	2.82	1.80	-0.49	-3.79	10.33
MRBLD1FB87_COS		-91.43	-50.64	-183.38	15.52	-48.98	-11.79	-3.76	7.08	5.39	-0.06	3.14	1.84	0.57	3.33	16.28	2.72
MRBLD1FB87_SIN		0.00	-129.80	16.56	53.10	2.51	-0.88	-2.79	-21.66	0.75	3.15	1.63	11.41	6.93	2.03	-4.30	9.40
MRBLD1FB120_COS		-471.58	-44.03	-258.64	-3.85	-10.82	-10.03	-0.23	15.03	1.39	-1.49	-2.77	-0.69	1.12	-2.09	-23.32	-4.12
MRBLD1FB120_SIN		0.00	-164.54	41.39	109.81	31.02	8.09	-0.49	-50.79	10.66	-1.07	-8.09	-9.39	-6.02	-4.28	4.67	-13.30
MRBLD1FB164_COS		-113.73	-9.19	-389.06	78.83	154.26	34.66	27.77	-23.57	-1.31	6.53	4.31	5.03	6.90	3.92	10.09	3.16
MRBLD1FB164_SIN		0.00	-206.47	28.74	95.53	45.22	-24.71	-13.21	58.37	-11.27	9.06	10.76	12.32	3.25	-1.45	-1.77	10.62

RUN	POINT	Harmonics															
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.65	0.06	-231.10	60.89	132.00	26.75	7.60	-21.67	-0.39	2.92	8.34	5.67	2.53	0.13	-24.78	-0.83
MRBLD1FB180_SIN		0.00	-145.31	10.58	32.21	15.73	-30.63	-14.25	49.11	-22.99	-5.04	-4.59	11.14	-2.84	-3.67	6.89	-15.44
MRBLD1TOR51_COS		-1384.46	39.15	-34.44	62.71	-16.30	-8.01	6.31	0.68	4.66	2.31	2.00	1.68	2.94	0.35	-8.19	1.60
MRBLD1TOR51_SIN		0.00	-34.20	-9.28	25.98	2.45	2.76	-1.81	50.29	0.86	-1.34	-4.13	0.38	0.92	0.53	-3.36	-3.26
MRBLD1TOR71_COS		-239.49	46.83	-38.25	40.55	-10.53	-6.56	7.78	6.57	2.27	-0.66	0.83	0.76	2.14	1.52	-3.37	1.03
MRBLD1TOR71_SIN		0.00	-35.98	-11.70	9.82	-3.03	1.00	0.03	40.97	2.94	-0.99	-2.87	2.37	2.21	1.39	-1.97	-1.41
MRBLD1TOR130_COS		-5.45	45.37	-16.10	25.83	2.98	-8.08	3.50	1.55	0.96	0.03	-0.54	2.68	-0.14	-1.15	1.32	-1.70
MRBLD1TOR130_SIN		0.00	-30.11	-6.67	1.38	5.00	4.73	2.28	34.87	2.10	2.93	2.10	0.79	0.33	-0.51	-0.41	1.67
MRBLD1TOR164_COS		-205.77	32.74	48.19	3.27	-15.11	-10.93	-6.12	0.75	0.63	2.82	3.13	1.68	-0.25	0.35	0.05	1.56
MRBLD1TOR164_SIN		0.00	-9.48	-2.30	-19.14	-10.77	6.31	4.47	14.62	0.31	0.66	2.18	2.24	0.67	-0.47	-3.10	-0.34
MRFBM1CB26P5_COS		-4783.22	-609.74	-81.90	80.71	-1.65	-11.20	8.85	-7.09	3.67	-1.46	-5.73	1.08	1.75	-0.97	-2.60	4.30
MRFBM1CB26P5_SIN		0.00	-177.60	-11.13	-12.09	-21.41	-10.82	-3.40	4.36	-6.02	-0.93	0.27	-1.08	-0.87	-0.52	-3.33	-1.56
MRFBM1FB9_COS		311.80	0.27	207.07	-71.68	19.12	-0.06	1.03	11.07	-1.42	-1.62	-1.32	-1.42	-0.71	0.06	1.17	-1.15
MRFBM1FB9_SIN		0.00	35.24	60.64	-62.72	1.15	-4.94	0.14	-5.80	1.21	-0.75	-0.02	0.56	0.17	0.74	2.29	0.79
MRFBM1TOR26P5_COS		-365.11	96.21	-0.32	0.32	-0.27	0.23	-0.08	0.23	-0.05	-0.01	-0.06	-0.07	-0.02	0.01	-0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-67.33	-0.34	0.43	-0.25	0.06	0.00	0.21	0.15	0.01	-0.03	-0.03	0.04	0.04	0.15	-0.01

RUN	POINT	Harmonics															
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1032.54	-1356.41	-183.13	252.49	-37.58	-28.15	-4.96	-62.70	15.75	20.06	-12.85	7.49	3.07	-9.17	-37.57	8.42
MRPC1CB33P25_SIN		0.00	-248.79	-55.40	15.41	-9.79	0.36	2.03	69.30	-24.46	11.33	-11.85	-18.46	-10.37	-8.93	-25.04	-19.33
MRPC1FB33P25_COS		2257.64	56.26	-348.85	264.73	-124.45	16.13	-7.54	-139.54	2.93	32.27	17.98	38.95	16.35	-13.72	-71.70	30.07
MRPC1FB33P25_SIN		0.00	144.50	-131.86	157.42	-28.68	34.05	13.98	128.94	-40.23	-11.37	6.76	-20.90	-10.21	-11.12	-53.72	-40.47
MRPC1TOR25P5_COS		-805.54	-30.90	30.21	-70.26	14.13	0.25	-14.73	-11.00	-6.09	-1.19	-2.80	0.69	-3.81	-2.85	2.10	0.67
MRPC1TOR25P5_SIN		0.00	95.83	-38.82	-10.40	3.10	0.57	1.79	-48.91	-5.45	2.96	3.98	-2.33	-2.38	-1.71	-7.30	-1.38
MRPLK1LOAD_COS		-91.94	10.63	4.12	-8.10	2.05	0.01	-1.60	-1.19	-0.72	0.13	-0.25	0.24	-0.54	-0.19	1.05	-0.12
MRPLK1LOAD_SIN		0.00	-14.41	-1.22	-2.42	0.19	0.16	0.16	-7.01	-0.56	0.37	0.84	-0.35	-0.28	-0.54	-1.45	-0.20
PITCHRH_COS		9543.39	-8641.33	-408.46	-103.04	-34.88	-515.91	-11.90	-35.62	-29.56	99.89	219.72	-38.82	32.24	0.69	11.98	-301.47
PITCHRH_SIN		0.00	3212.10	-512.44	30.09	54.43	-176.99	236.93	-1.62	16.76	-65.73	-296.33	-22.14	0.02	-29.86	-17.40	-180.29
ROLLRH_COS		-147.82	-2742.52	493.81	-45.65	-132.94	78.53	-132.70	37.60	60.26	9.13	105.16	-8.07	38.98	-46.87	23.69	1.62
ROLLRH_SIN		0.00	-8457.33	-565.44	-56.99	200.15	-317.36	-208.76	14.35	-29.18	68.63	-45.94	-29.96	23.01	-4.86	-20.17	-493.89
TORQ_COS		30617.00	488.15	5.18	-20.70	-29.37	125.92	-5.59	-0.60	-14.71	1.15	36.78	1.78	-0.64	-1.43	-6.17	-5.07
TORQ_SIN		0.00	500.63	-11.37	14.91	41.51	47.92	6.23	10.27	8.81	-4.82	-9.30	9.52	-9.06	8.48	-12.79	30.57
THRUST_COS		5788.01	-62.72	6.63	-1.16	5.11	-13.45	1.34	0.78	1.27	-0.57	-0.92	5.25	-1.73	-0.73	2.88	-9.94
THRUST_SIN		0.00	-12.21	7.93	7.62	4.54	-30.71	2.88	8.49	1.06	0.44	0.08	-1.18	-0.25	0.10	-0.57	29.02

RUN	POINT	Harmonics															
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.73	1.37	-13.78	-3.29	-26.35	17.61	6.91	-1.40	-1.09	-0.66	-5.13	0.49	-1.75	1.55	-0.68	0.77
SIDERH_SIN		0.00	198.63	11.37	0.29	-61.90	12.57	10.55	-1.03	2.16	-3.51	1.45	2.23	-0.67	0.49	0.47	14.73
DRAGRH_COS		-219.89	228.78	8.17	1.00	-15.01	28.91	-9.98	-1.16	1.35	-5.12	-7.19	3.57	-0.12	0.97	-0.53	12.60
DRAGRH_SIN		0.00	-71.25	16.87	-0.05	13.27	-0.95	-31.16	3.45	-0.60	3.14	25.52	-0.93	2.90	2.02	0.06	7.40

RUN	POINT	Harmonics															
52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.99	0.68	0.81	-3.04	-2.43	-0.60	0.35	0.57	0.15	-0.01	-0.08	0.17	0.25	0.09	0.10	-0.05
ACT1FORCE_SIN		0.00	7.82	1.72	0.04	0.10	-0.96	-0.44	-0.10	0.03	0.17	-0.15	0.01	0.20	0.06	0.14	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.70	-16.50	-13.04	28.26	23.46	5.75	-4.23	0.01	0.01	-0.01	0.01	0.01	0.00	-0.02	-0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-59.39	-13.26	-2.11	-1.92	8.08	7.00	-0.01	-0.01	-0.01	0.00	0.00	0.01	-0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.05	16.60	13.10	-28.30	-23.52	-5.83	4.18	-0.01	-0.01	0.02	-0.01	0.00	0.00	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	59.49	13.29	2.21	2.01	-8.06	-7.04	-0.01	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.01
MRBLD1CB42P75_COS		-3989.73	-1377.96	-107.53	226.53	-26.83	-45.49	-25.79	-95.63	34.86	23.80	-16.26	13.80	6.83	-9.96	-42.06	-0.42
MRBLD1CB42P75_SIN		0.00	-187.70	-92.32	51.51	42.56	-0.58	7.17	70.58	-24.86	24.71	-39.31	-31.94	-17.41	-16.49	-35.50	-21.39

RUN	POINT	Harmonics															
52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2799.79	-686.68	244.49	162.89	12.68	-27.96	-56.93	-76.02	16.95	26.54	9.30	10.10	1.90	-5.38	-29.86	-11.24
MRBLD1CB70_SIN		0.00	-104.40	-92.92	59.99	143.15	20.85	18.93	61.56	-8.02	24.70	-32.98	-23.37	-9.78	-7.82	-25.65	-15.98
MRBLD1CB120_COS		-545.85	-188.81	407.49	124.61	21.78	31.77	-36.96	-25.78	-24.53	3.89	27.12	2.42	-5.20	-1.15	7.45	5.52
MRBLD1CB120_SIN		0.00	36.71	-133.98	-9.94	146.48	32.73	16.95	26.17	0.45	-9.29	29.17	13.33	4.57	6.10	1.60	-3.27
MRBLD1CB164_COS		-1974.71	-67.97	139.68	6.33	-29.87	11.46	-8.83	24.15	-20.13	0.54	10.30	3.25	1.05	-0.43	8.54	0.75
MRBLD1CB164_SIN		0.00	60.38	-46.36	7.22	62.35	21.97	2.38	-10.59	0.46	-20.27	30.33	16.87	4.07	2.38	17.27	13.84
MRBLD1FB42P75_COS		3094.41	83.70	-470.27	321.97	-140.52	34.53	-4.89	-116.32	-5.67	28.07	24.27	20.24	5.85	-21.28	-85.71	-24.59
MRBLD1FB42P75_SIN		0.00	4.67	-91.09	116.08	22.18	41.73	23.75	196.06	-50.24	-43.94	-12.81	-47.54	-24.32	1.29	22.06	-38.81
MRBLD1FB70_COS		405.16	-94.08	-243.25	70.51	-61.41	6.08	3.21	-15.17	1.23	1.37	-3.00	-3.84	-1.36	2.78	18.03	4.90
MRBLD1FB70_SIN		0.00	-142.08	-26.62	33.55	-6.66	4.76	5.16	37.57	-4.33	1.99	2.55	2.72	2.10	-0.32	-2.45	8.90
MRBLD1FB87_COS		-88.37	-51.45	-187.50	9.15	-47.11	-11.66	-3.48	11.07	3.66	-1.34	2.18	-0.25	-0.25	3.70	17.36	4.04
MRBLD1FB87_SIN		0.00	-133.71	13.90	52.62	4.63	-1.79	-3.92	-21.68	1.80	5.55	3.98	12.57	7.47	2.01	-3.32	8.14
MRBLD1FB120_COS		-469.03	-45.07	-264.31	-10.64	-11.99	-10.31	0.56	25.21	-1.09	-1.20	-1.96	0.69	1.98	-2.68	-24.97	-6.16
MRBLD1FB120_SIN		0.00	-170.09	37.76	106.52	31.02	6.57	-0.78	-48.71	13.21	-0.97	-9.62	-9.81	-6.27	-4.46	3.18	-11.63
MRBLD1FB164_COS		-104.03	-13.32	-403.85	71.20	145.81	35.56	28.77	-34.99	4.32	7.39	3.20	3.27	6.25	3.87	11.61	5.12
MRBLD1FB164_SIN		0.00	-216.19	22.05	99.89	37.62	-24.75	-10.74	52.92	-15.27	7.37	12.98	13.42	3.63	-1.72	-1.15	10.05

RUN	POINT	Harmonics															
52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.13	-2.63	-240.30	58.82	126.38	27.14	9.28	-32.09	3.93	3.11	8.06	2.07	1.65	-2.41	-29.36	-6.78
MRBLD1FB180_SIN		0.00	-151.84	7.05	35.51	9.57	-29.17	-12.26	43.03	-27.32	-4.03	-0.74	13.25	-1.21	-3.16	4.01	-13.54
MRBLD1TOR51_COS		-1384.22	40.39	-35.93	61.05	-16.51	-9.09	10.63	-4.82	6.82	2.50	1.63	1.25	2.92	-0.06	-8.52	0.87
MRBLD1TOR51_SIN		0.00	-33.78	-11.20	27.55	6.47	3.48	-3.88	46.60	0.16	-1.08	-3.97	-0.05	1.12	0.26	-4.63	-4.73
MRBLD1TOR71_COS		-240.44	47.29	-39.25	40.38	-10.71	-7.49	11.76	2.68	3.23	-0.83	0.32	-0.39	1.72	1.21	-3.29	0.51
MRBLD1TOR71_SIN		0.00	-37.28	-13.35	10.86	-0.18	1.76	-1.49	38.90	2.46	-0.47	-2.25	2.43	2.45	1.52	-2.80	-2.44
MRBLD1TOR130_COS		-6.14	46.38	-16.24	26.86	2.60	-8.74	6.89	-1.87	2.38	0.51	-0.30	2.51	-0.18	-0.98	1.78	-2.08
MRBLD1TOR130_SIN		0.00	-30.83	-7.71	2.77	6.08	4.87	0.80	32.67	1.67	3.03	2.15	1.22	-0.22	-0.88	-0.43	2.32
MRBLD1TOR164_COS		-208.12	33.83	49.99	5.20	-14.59	-11.56	-4.31	-0.54	0.62	2.64	3.35	1.16	-0.70	0.05	0.12	0.49
MRBLD1TOR164_SIN		0.00	-8.40	-1.17	-18.49	-8.52	6.76	3.80	14.13	0.26	1.26	2.58	2.65	0.56	-0.52	-3.33	0.55
MRFBM1CB26P5_COS		-4764.94	-588.39	-86.37	80.34	1.78	-9.82	8.48	-8.25	4.82	-0.79	-4.87	1.40	1.91	-0.86	-2.22	4.44
MRFBM1CB26P5_SIN		0.00	-129.10	-15.17	-9.31	-23.97	-10.58	-4.16	3.28	-6.65	-1.01	-0.54	-0.37	-0.89	-0.45	-2.93	-1.70
MRFBM1FB9_COS		337.14	-36.73	216.95	-63.72	19.58	0.64	1.58	12.25	-2.26	-2.02	-1.57	-1.85	-0.97	-0.03	1.03	-0.85
MRFBM1FB9_SIN		0.00	17.67	69.70	-62.99	-2.24	-6.04	0.63	-3.79	0.94	-0.78	0.09	0.47	0.13	0.94	2.65	1.13
MRFBM1TOR26P5_COS		-361.65	96.19	-0.31	0.33	-0.29	0.20	-0.03	0.18	-0.05	-0.06	-0.07	-0.06	0.01	-0.01	-0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-67.59	-0.35	0.37	-0.18	0.03	-0.02	0.19	0.16	-0.03	-0.04	-0.07	0.06	0.04	0.15	-0.02

RUN	POINT	Harmonics															
52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-996.74	-1320.29	-192.80	242.82	-35.75	-29.83	-5.98	-77.67	24.54	19.01	-11.96	14.77	7.21	-8.38	-35.75	5.25
MRPC1CB33P25_SIN		0.00	-160.73	-62.18	21.01	-8.52	-0.62	0.96	56.97	-27.92	8.95	-19.68	-20.96	-11.83	-11.35	-29.75	-20.60
MRPC1FB33P25_COS		2255.92	40.24	-356.13	239.82	-119.38	13.87	-13.50	-168.04	20.08	46.63	27.94	46.72	19.74	-15.14	-70.82	19.62
MRPC1FB33P25_SIN		0.00	116.10	-142.64	161.09	-7.58	41.94	15.21	104.29	-42.20	-17.13	3.62	-18.92	-11.78	-14.96	-62.90	-42.98
MRPC1TOR25P5_COS		-805.24	-31.97	33.13	-69.76	13.77	0.96	-19.66	-5.86	-7.65	-0.68	-1.89	2.11	-3.47	-1.93	4.20	0.20
MRPC1TOR25P5_SIN		0.00	88.63	-38.67	-12.32	-0.76	-1.29	3.67	-46.23	-5.16	2.57	2.90	-1.90	-2.94	-1.72	-7.40	0.58
MRPLK1LOAD_COS		-90.82	10.47	4.41	-7.99	1.99	0.17	-2.28	-0.37	-0.95	0.21	-0.09	0.23	-0.59	-0.02	1.49	-0.28
MRPLK1LOAD_SIN		0.00	-14.17	-1.13	-2.62	-0.36	0.05	0.48	-6.58	-0.44	0.44	0.82	-0.19	-0.40	-0.53	-1.48	0.05
PITCHRH_COS		10122.53	-8640.67	-412.36	-102.66	-29.65	-458.33	-23.94	-20.61	-32.04	90.44	293.88	-51.96	29.06	9.58	17.95	-372.82
PITCHRH_SIN		0.00	3204.27	-523.14	36.30	67.28	-138.52	262.77	-14.94	4.36	-89.28	-328.84	-27.39	16.57	-16.63	-15.31	-224.03
ROLLRH_COS		251.12	-2702.28	498.22	-47.41	-114.91	-56.77	-173.95	11.01	78.08	24.53	111.66	-5.19	48.74	-34.93	62.97	40.44
ROLLRH_SIN		0.00	-8472.59	-573.73	-58.85	222.69	-209.47	-158.03	-17.09	-31.07	38.40	-29.66	-43.92	20.75	-18.95	-25.32	-544.96
TORQ_COS		31128.95	499.95	0.96	-17.96	-30.31	125.95	-7.65	1.82	-17.41	3.15	34.89	1.47	2.15	-3.84	-8.48	-10.72
TORQ_SIN		0.00	501.35	-16.80	12.25	46.76	53.05	3.04	12.83	11.84	-5.73	-4.43	6.59	-9.98	8.03	-11.32	37.46
THRUST_COS		5849.24	-62.11	7.06	-1.43	5.47	-13.49	3.17	3.31	2.39	-0.90	-4.35	5.90	-2.31	-1.42	2.86	-6.20
THRUST_SIN		0.00	-10.09	8.33	7.41	3.26	-34.02	2.62	10.08	1.33	1.41	4.83	-1.12	-1.29	0.79	2.88	32.04

RUN	POINT	Harmonics															
52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.43	-3.03	-13.58	-2.54	-32.04	22.73	11.27	-1.36	-1.59	-1.09	-5.07	0.22	-2.20	1.01	-1.93	-0.51
SIDERH_SIN		0.00	201.21	12.06	0.52	-61.84	-1.33	10.57	0.12	2.29	-2.33	0.80	2.92	-0.64	0.91	0.46	16.09
DRAGRH_COS		-215.01	228.80	8.24	1.19	-15.33	35.63	-11.58	1.79	1.77	-4.21	-12.05	4.64	-0.52	0.39	-0.47	15.68
DRAGRH_SIN		0.00	-70.89	17.12	-0.58	14.06	15.55	-37.26	3.91	-0.03	6.05	25.74	-0.48	3.06	1.69	0.09	9.00

RUN	POINT	Harmonics															
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.75	0.76	0.67	-3.00	-2.61	-0.66	0.28	0.50	0.19	-0.01	-0.07	0.15	0.25	0.07	0.07	-0.07
ACT1FORCE_SIN		0.00	7.67	1.80	0.11	0.10	-0.93	-0.56	-0.14	-0.01	0.17	-0.11	0.00	0.16	0.07	0.15	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.09	-17.44	-11.73	28.02	24.49	6.25	-4.92	-0.01	0.00	-0.02	0.02	0.03	-0.01	-0.01	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-58.93	-13.89	-2.68	-1.92	8.40	7.48	-0.02	-0.03	-0.02	-0.01	-0.01	0.01	0.01	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.64	17.50	11.79	-28.05	-24.55	-6.31	4.89	0.01	0.01	0.02	-0.01	-0.01	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	59.03	13.93	2.74	1.98	-8.39	-7.51	0.00	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4017.23	-1253.23	-75.20	234.45	-22.60	-51.61	-22.81	-61.45	30.33	29.71	-15.54	11.04	6.75	-8.87	-45.24	-1.06
MRBLD1CB42P75_SIN		0.00	-93.42	-81.41	45.16	50.89	-9.22	8.07	81.77	-15.66	32.21	-25.81	-35.30	-21.77	-18.44	-33.64	-22.65

RUN	POINT	Harmonics															
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2786.39	-611.10	267.04	172.10	20.55	-26.85	-62.21	-52.09	13.90	32.00	8.25	7.54	1.55	-4.27	-32.59	-10.43
MRBLD1CB70_SIN		0.00	-45.08	-83.85	56.17	149.96	13.69	24.96	64.98	0.42	29.61	-24.18	-24.33	-12.08	-8.20	-22.80	-16.00
MRBLD1CB120_COS		-546.93	-163.98	421.55	132.00	31.76	38.69	-44.57	-12.99	-25.74	0.27	24.67	2.50	-5.37	-1.17	8.29	6.58
MRBLD1CB120_SIN		0.00	60.74	-125.96	-12.74	155.33	29.31	23.91	17.79	-0.44	-15.57	20.49	14.87	7.07	7.58	1.43	-3.40
MRBLD1CB164_COS		-1974.93	-63.52	141.31	8.84	-29.95	14.43	-15.80	18.70	-20.02	-4.09	9.74	4.34	1.65	-0.47	9.35	-1.19
MRBLD1CB164_SIN		0.00	65.09	-44.70	5.17	65.94	23.13	5.28	-17.61	-4.06	-25.29	24.13	18.68	6.44	2.81	16.16	14.87
MRBLD1FB42P75_COS		3103.51	50.35	-451.61	335.04	-139.43	26.78	16.98	-42.27	-10.95	26.28	25.67	15.00	5.78	-16.89	-82.58	-25.45
MRBLD1FB42P75_SIN		0.00	-11.50	-91.69	98.07	47.65	38.66	13.68	172.73	-39.60	-37.57	-7.79	-47.34	-25.18	-0.70	25.56	-41.48
MRBLD1FB70_COS		404.22	-91.88	-237.16	76.09	-62.19	2.96	6.82	-2.24	0.27	1.34	-2.64	-3.65	-1.31	2.24	17.68	5.18
MRBLD1FB70_SIN		0.00	-140.61	-26.75	26.96	0.77	3.10	2.80	33.36	-2.84	1.98	2.49	2.39	2.00	0.03	-3.25	9.62
MRBLD1FB87_COS		-89.67	-50.06	-186.21	12.54	-48.88	-12.94	-4.62	4.79	4.92	-0.77	1.84	1.84	0.64	3.27	16.84	4.46
MRBLD1FB87_SIN		0.00	-133.94	12.98	48.73	7.82	-1.68	-3.58	-19.21	0.58	4.83	3.13	13.07	8.07	2.61	-3.97	8.58
MRBLD1FB120_COS		-469.56	-40.95	-264.45	-6.68	-15.56	-8.86	-4.42	7.12	-0.75	-1.61	-2.12	-0.85	0.83	-2.08	-23.67	-6.30
MRBLD1FB120_SIN		0.00	-172.45	34.81	104.17	28.95	8.25	1.85	-42.50	10.55	-0.61	-9.14	-10.77	-6.78	-4.83	4.23	-12.37
MRBLD1FB164_COS		-101.68	-7.81	-391.84	75.48	152.19	46.49	30.63	-11.04	-0.37	6.35	3.66	5.11	6.75	2.48	8.98	4.46
MRBLD1FB164_SIN		0.00	-219.52	20.45	100.69	27.47	-25.91	-14.69	44.23	-13.24	7.27	12.27	14.83	3.99	-1.17	-0.97	11.78

RUN	POINT	Harmonics															
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.28	-1.66	-232.87	59.05	132.22	32.45	11.99	-10.63	1.76	3.06	6.72	4.12	1.75	-0.31	-26.39	-4.47
MRBLD1FB180_SIN		0.00	-153.90	6.99	38.63	4.96	-30.50	-14.91	38.09	-23.77	-5.22	-2.99	14.85	0.33	-3.00	5.17	-15.07
MRBLD1TOR51_COS		-1382.41	42.93	-31.93	62.46	-13.49	-7.23	9.21	7.89	6.86	2.93	1.46	1.22	2.85	0.59	-7.31	1.72
MRBLD1TOR51_SIN		0.00	-31.56	-10.07	23.87	8.06	3.71	-4.60	40.58	0.29	-0.75	-3.75	0.61	1.15	0.75	-3.11	-3.60
MRBLD1TOR71_COS		-239.18	48.31	-36.92	41.03	-8.01	-5.54	9.98	11.20	3.65	-0.48	0.10	-0.16	1.59	1.51	-2.95	1.18
MRBLD1TOR71_SIN		0.00	-36.25	-12.42	8.17	0.31	2.21	-2.40	32.69	1.99	-0.63	-2.67	3.17	2.54	1.66	-1.95	-1.54
MRBLD1TOR130_COS		-4.88	47.28	-15.02	26.30	5.33	-6.57	5.47	5.99	1.95	0.48	-0.70	2.72	-0.04	-1.30	0.24	-2.33
MRBLD1TOR130_SIN		0.00	-29.52	-6.49	0.86	5.25	5.49	0.55	28.10	1.57	3.12	2.58	1.72	0.03	-1.28	-1.23	2.01
MRBLD1TOR164_COS		-207.68	34.21	48.52	4.27	-14.41	-11.84	-4.60	1.51	0.66	2.38	2.64	1.05	-0.93	-0.11	-1.32	-0.06
MRBLD1TOR164_SIN		0.00	-7.13	-0.36	-19.41	-8.19	6.03	3.94	12.11	0.24	0.94	2.10	3.07	1.07	-0.66	-4.07	-0.80
MRFBM1CB26P5_COS		-4779.73	-529.58	-73.38	79.85	2.91	-11.70	10.54	-4.87	4.18	-0.97	-4.61	1.27	1.88	-0.73	-2.14	4.39
MRFBM1CB26P5_SIN		0.00	-83.16	-10.56	-11.19	-22.62	-12.20	-5.81	5.24	-6.57	-0.86	0.11	-0.92	-1.17	-0.46	-3.04	-1.91
MRFBM1FB9_COS		344.89	-91.27	201.68	-68.68	20.36	0.97	0.66	8.53	-1.60	-1.92	-1.37	-1.71	-1.02	-0.08	1.15	-0.81
MRFBM1FB9_SIN		0.00	10.11	65.42	-59.35	-4.79	-5.26	0.65	-5.73	0.70	-0.95	-0.27	0.67	0.20	0.83	2.57	1.26
MRFBM1TOR26P5_COS		-361.62	95.76	-0.35	0.31	-0.26	0.25	-0.09	0.23	-0.04	-0.05	-0.07	-0.07	0.00	0.01	0.01	0.03
MRFBM1TOR26P5_SIN		0.00	-67.99	-0.42	0.31	-0.20	0.02	-0.03	0.14	0.15	-0.01	-0.03	-0.10	0.04	0.05	0.18	-0.01

RUN	POINT	Harmonics															
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1023.93	-1206.65	-161.96	248.07	-32.82	-36.33	-0.13	-46.18	20.30	21.87	-10.94	12.42	7.14	-7.12	-37.65	5.20
MRPC1CB33P25_SIN		0.00	-79.59	-53.87	14.64	-0.02	-7.45	-0.85	65.65	-21.57	13.49	-11.18	-23.84	-14.45	-12.39	-28.43	-21.80
MRPC1FB33P25_COS		2264.96	10.75	-340.18	254.17	-124.71	8.79	7.04	-101.50	11.16	42.13	25.92	42.74	20.30	-11.06	-72.94	21.57
MRPC1FB33P25_SIN		0.00	99.57	-140.18	148.32	13.52	37.65	15.77	116.16	-35.69	-13.50	8.69	-21.89	-12.42	-13.02	-57.74	-45.60
MRPC1TOR25P5_COS		-806.24	-39.23	31.78	-70.73	9.96	-0.72	-17.12	-16.99	-7.95	-0.81	-1.92	2.07	-3.22	-2.31	0.09	-0.62
MRPC1TOR25P5_SIN		0.00	85.18	-40.63	-9.76	-1.94	-2.18	4.82	-39.29	-4.48	2.45	3.56	-2.53	-3.00	-2.73	-9.04	-1.66
MRPLK1LOAD_COS		-91.09	10.42	3.94	-8.14	1.44	-0.14	-1.96	-2.05	-0.99	0.17	-0.08	0.32	-0.51	-0.13	0.70	-0.43
MRPLK1LOAD_SIN		0.00	-14.40	-1.16	-2.07	-0.56	0.01	0.60	-5.54	-0.40	0.40	0.85	-0.16	-0.36	-0.70	-1.78	-0.22
PITCHRH_COS		11037.24	-8625.30	-430.35	-107.05	-36.32	-349.79	2.60	5.44	-50.89	78.74	257.57	-31.85	36.93	-9.34	12.82	-357.52
PITCHRH_SIN		0.00	3196.04	-512.56	48.62	59.69	-46.09	261.91	-41.06	0.13	-87.57	-297.50	-17.82	9.81	-21.46	-28.66	-230.43
ROLLRH_COS		405.66	-2704.47	488.55	-67.00	-114.50	-209.28	-144.67	12.86	79.84	29.17	105.22	-10.63	32.88	-41.82	55.68	-39.94
ROLLRH_SIN		0.00	-8479.47	-579.94	-69.85	205.31	-223.30	-151.73	-21.23	-29.33	53.15	-27.70	-25.04	33.31	-2.61	-34.08	-541.85
TORQ_COS		30763.66	502.80	5.71	-19.22	-39.39	138.13	-8.16	-3.77	-18.44	1.57	32.19	1.47	0.43	-1.72	-6.20	-8.21
TORQ_SIN		0.00	517.47	-17.51	12.92	42.50	59.81	5.58	5.67	14.11	-6.54	-6.80	9.45	-7.79	7.61	-12.13	37.59
THRUST_COS		5874.27	-63.80	6.99	-1.36	5.89	-9.95	1.72	-0.48	1.91	-1.59	-4.82	4.92	-2.23	-1.09	2.12	-4.95
THRUST_SIN		0.00	-11.80	8.75	8.07	4.46	-32.63	1.08	6.49	1.33	1.14	-0.10	-0.62	-0.71	0.29	3.48	32.71

RUN	POINT	Harmonics															
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.84	-2.29	-13.62	-2.04	-33.11	35.04	10.05	-1.25	-1.53	-1.66	-5.02	0.66	-1.68	1.18	-1.75	1.86
SIDERH_SIN		0.00	201.67	12.23	0.95	-60.76	-9.30	8.70	0.88	2.37	-2.83	0.90	1.77	-0.97	0.33	0.74	16.14
DRAGRH_COS		-208.12	228.64	9.00	1.24	-14.92	35.36	-14.73	3.69	2.14	-3.56	-9.93	2.65	-0.65	1.09	-0.17	15.24
DRAGRH_SIN		0.00	-71.12	17.11	-1.04	15.45	28.56	-34.44	2.55	0.62	4.46	24.73	-0.80	2.77	2.23	0.73	9.70

RUN	POINT	Harmonics															
52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.72	0.76	0.63	-2.96	-2.45	-0.70	0.33	0.45	0.15	0.02	-0.09	0.17	0.22	0.10	0.09	-0.06
ACT1FORCE_SIN		0.00	7.47	1.82	0.17	0.13	-0.91	-0.52	-0.09	0.03	0.16	-0.10	0.02	0.16	0.08	0.11	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.07	-16.78	-12.72	26.86	24.09	7.00	-5.01	-0.02	-0.01	-0.02	0.02	0.02	0.00	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-58.31	-14.29	-3.36	-1.68	7.69	7.05	-0.02	-0.03	-0.02	-0.02	-0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.67	16.87	12.79	-26.89	-24.14	-7.07	4.97	0.02	0.01	0.01	-0.01	-0.02	0.00	0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	58.41	14.32	3.46	1.78	-7.66	-7.10	0.00	0.02	0.02	0.02	0.01	-0.01	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4048.60	-1400.28	-64.07	226.23	-11.40	-47.47	-24.44	-67.36	27.87	31.21	-22.45	5.21	4.90	-6.00	-35.43	-0.29
MRBLD1CB42P75_SIN		0.00	-129.61	-80.61	39.21	39.12	2.61	13.06	84.69	-13.12	31.17	-14.12	-32.62	-18.37	-16.58	-32.21	-20.10

RUN	POINT	Harmonics															
52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2777.67	-699.44	271.50	170.03	35.47	-32.52	-56.47	-53.95	12.62	34.99	5.46	4.12	0.39	-2.05	-22.36	-8.19
MRBLD1CB70_SIN		0.00	-76.39	-86.32	45.84	134.32	20.62	26.64	70.31	1.00	28.96	-16.24	-22.01	-9.74	-6.14	-21.78	-13.33
MRBLD1CB120_COS		-535.76	-191.70	419.09	134.44	45.77	29.25	-35.09	-12.29	-26.92	-3.28	28.68	6.80	-3.15	-0.74	8.14	6.71
MRBLD1CB120_SIN		0.00	38.71	-133.97	-24.60	133.50	29.87	23.46	27.02	-1.59	-11.19	14.60	14.33	6.04	7.27	2.38	-3.00
MRBLD1CB164_COS		-1971.06	-69.02	138.59	9.69	-22.23	9.58	-9.83	21.10	-19.74	-8.63	13.03	7.43	2.99	-1.28	3.69	-2.28
MRBLD1CB164_SIN		0.00	58.24	-46.33	2.84	57.39	22.29	4.00	-14.81	-4.61	-22.76	18.45	17.95	5.93	1.92	14.77	13.09
MRBLD1FB42P75_COS		3121.42	88.44	-443.09	314.61	-136.45	49.19	9.44	-49.50	-17.73	20.34	25.30	16.74	9.73	-11.90	-69.03	-20.77
MRBLD1FB42P75_SIN		0.00	-10.81	-92.22	90.29	5.11	47.90	26.14	189.46	-35.68	-24.40	-0.32	-45.51	-25.34	-5.41	13.84	-40.67
MRBLD1FB70_COS		405.41	-91.09	-232.81	68.38	-60.03	8.74	5.46	-3.60	-0.36	1.28	-2.74	-4.05	-2.01	1.22	14.70	4.18
MRBLD1FB70_SIN		0.00	-141.26	-26.83	24.15	-12.54	6.07	5.91	37.15	-1.67	2.98	3.02	2.68	2.25	0.85	-0.85	9.46
MRBLD1FB87_COS		-91.03	-49.13	-182.38	7.76	-47.94	-11.95	-4.37	5.59	5.93	0.21	1.79	1.56	-0.21	2.31	14.11	3.63
MRBLD1FB87_SIN		0.00	-132.33	14.18	47.51	2.46	-0.86	-4.10	-20.62	-0.07	2.47	0.63	11.99	7.52	3.23	-1.86	7.88
MRBLD1FB120_COS		-475.61	-43.07	-257.93	-10.19	-12.90	-12.31	-3.94	8.26	0.11	-1.82	-1.36	0.07	2.14	-0.66	-19.65	-5.31
MRBLD1FB120_SIN		0.00	-168.26	40.62	105.37	32.82	6.36	-0.75	-46.70	9.44	-1.68	-8.15	-10.03	-6.74	-5.48	1.10	-11.47
MRBLD1FB164_COS		-105.11	-10.14	-378.12	71.69	148.71	35.25	31.20	-12.82	-1.08	6.45	3.06	5.14	6.53	2.86	8.03	3.87
MRBLD1FB164_SIN		0.00	-214.09	24.40	95.64	43.63	-30.62	-13.44	51.99	-11.01	9.21	11.28	14.20	4.06	-0.18	0.62	10.67

RUN	POINT	Harmonics															
52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.66	-2.67	-224.36	57.18	128.56	27.11	11.85	-11.67	1.72	4.66	7.96	7.12	4.67	2.71	-20.41	-2.22
MRBLD1FB180_SIN		0.00	-150.37	8.35	33.65	13.86	-33.28	-13.22	43.45	-23.21	-6.11	-6.61	13.98	0.22	-1.89	3.94	-12.07
MRBLD1TOR51_COS		-1381.17	41.17	-29.33	62.11	-14.00	-7.74	7.68	6.59	6.07	2.92	2.42	1.92	3.06	0.62	-6.60	0.94
MRBLD1TOR51_SIN		0.00	-32.02	-10.54	23.63	5.83	3.45	-2.16	46.27	0.89	-1.02	-4.27	0.77	1.58	1.06	-2.79	-3.09
MRBLD1TOR71_COS		-238.28	48.01	-34.91	41.22	-9.09	-6.45	8.69	10.47	3.19	-0.24	1.28	0.66	1.82	1.29	-2.64	0.63
MRBLD1TOR71_SIN		0.00	-36.26	-12.74	8.65	0.00	1.28	-0.51	37.53	2.65	-1.00	-3.50	2.99	2.85	2.20	-1.31	-1.11
MRBLD1TOR130_COS		-4.50	46.08	-13.53	26.83	3.22	-8.11	4.18	5.07	1.36	-0.22	-0.79	2.59	-0.10	-1.06	0.88	-1.54
MRBLD1TOR130_SIN		0.00	-29.90	-6.92	1.95	6.95	4.21	1.95	32.52	2.57	3.45	2.59	1.51	0.34	-0.77	-0.88	1.82
MRBLD1TOR164_COS		-207.51	33.48	47.66	5.25	-14.47	-11.32	-6.02	1.38	0.77	2.62	2.95	1.28	-0.44	0.46	0.21	0.87
MRBLD1TOR164_SIN		0.00	-7.98	-1.64	-18.23	-9.48	6.95	4.27	13.59	0.75	1.00	2.08	2.85	1.02	-0.21	-3.30	-0.14
MRFBM1CB26P5_COS		-4797.85	-598.85	-68.67	77.95	2.20	-8.98	8.97	-5.84	3.93	-1.31	-5.18	1.53	2.33	-0.31	-1.79	4.26
MRFBM1CB26P5_SIN		0.00	-101.85	-9.61	-10.31	-21.70	-9.88	-4.47	4.44	-5.97	-0.60	0.62	-0.76	-0.91	-0.62	-2.58	-1.76
MRFBM1FB9_COS		366.84	-48.93	193.53	-64.37	17.88	0.15	1.11	9.41	-1.57	-1.71	-1.15	-1.73	-1.06	-0.35	0.58	-1.12
MRFBM1FB9_SIN		0.00	-2.39	64.15	-56.60	-0.55	-7.31	-0.70	-6.46	0.63	-1.25	-0.63	0.46	-0.13	0.52	2.11	0.74
MRFBM1TOR26P5_COS		-361.47	96.22	-0.32	0.32	-0.28	0.20	-0.08	0.23	-0.04	-0.02	-0.07	-0.08	-0.01	-0.01	-0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-67.76	-0.38	0.34	-0.17	0.02	-0.01	0.17	0.15	-0.01	-0.02	-0.06	0.04	0.03	0.16	0.00

RUN	POINT	Harmonics															
52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1047.96	-1340.43	-149.71	238.44	-26.17	-28.10	-3.48	-51.83	17.67	20.88	-15.60	9.54	6.78	-4.37	-29.37	5.60
MRPC1CB33P25_SIN		0.00	-105.12	-53.74	11.39	-9.64	3.17	4.20	67.92	-19.97	14.02	-3.60	-21.85	-12.03	-11.38	-26.46	-19.32
MRPC1FB33P25_COS		2279.43	45.68	-333.93	239.08	-112.31	23.64	-2.84	-113.31	4.46	31.57	21.36	42.92	23.31	-3.81	-53.27	23.92
MRPC1FB33P25_SIN		0.00	102.21	-139.92	138.31	-21.13	51.30	22.32	125.81	-35.71	-6.90	14.00	-19.43	-9.38	-11.93	-53.64	-40.41
MRPC1TOR25P5_COS		-808.85	-32.94	27.25	-70.09	11.76	0.11	-15.62	-15.89	-7.48	-1.49	-3.55	0.85	-3.45	-1.74	2.60	0.80
MRPC1TOR25P5_SIN		0.00	87.14	-38.16	-9.83	-0.42	-0.56	2.28	-44.75	-4.66	3.02	5.00	-2.98	-3.39	-2.58	-8.25	-1.12
MRPLK1LOAD_COS		-91.41	10.46	3.63	-8.06	1.69	-0.04	-1.78	-1.91	-0.92	0.05	-0.28	0.23	-0.51	-0.04	1.05	-0.09
MRPLK1LOAD_SIN		0.00	-14.51	-1.07	-2.16	-0.30	0.08	0.23	-6.34	-0.48	0.42	0.93	-0.33	-0.38	-0.59	-1.52	-0.15
PITCHRH_COS		10275.11	-8635.60	-417.90	-100.23	-39.44	-402.53	-4.56	-29.29	-33.84	97.01	247.71	-42.74	30.28	-0.48	11.05	-264.04
PITCHRH_SIN		0.00	3241.28	-509.25	44.68	68.95	-128.24	296.56	2.32	17.42	-66.40	-283.61	-15.85	5.97	-20.79	-12.15	-257.35
ROLLRH_COS		601.52	-2708.78	497.05	-62.25	-123.08	-5.00	-173.82	13.22	75.43	20.70	114.54	-18.16	42.95	-34.60	54.44	55.83
ROLLRH_SIN		0.00	-8455.28	-581.68	-67.99	215.82	-214.03	-166.90	-7.30	-28.82	66.82	-37.89	-29.25	14.12	-6.14	-1.72	-482.83
TORQ_COS		30428.13	499.68	0.74	-19.12	-41.59	131.58	-7.90	-0.33	-15.58	1.14	35.10	1.32	2.35	-3.68	-8.34	-5.53
TORQ_SIN		0.00	511.60	-17.77	11.09	39.55	50.93	3.68	11.00	9.15	-5.94	-8.74	8.35	-8.78	6.88	-11.70	34.75
THRUST_COS		5940.01	-61.80	7.48	-0.61	6.81	-17.07	2.27	1.69	1.18	-1.28	-4.33	5.51	-2.58	-0.61	0.16	-11.36
THRUST_SIN		0.00	-10.92	8.77	8.17	5.33	-37.24	2.31	10.46	1.69	0.34	-2.23	-1.03	-0.15	-0.10	2.08	27.78

RUN	POINT	Harmonics															
52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.43	-2.58	-13.84	-2.23	-30.44	21.97	11.07	-1.33	-1.66	-1.29	-5.61	1.15	-1.93	0.94	-1.69	-0.87
SIDERH_SIN		0.00	197.43	12.35	0.71	-65.22	1.14	10.74	-0.18	2.17	-3.49	0.93	1.95	-0.42	0.39	-0.18	14.48
DRAGRH_COS		-211.90	228.55	8.65	1.51	-14.50	34.41	-11.78	-0.08	1.63	-4.58	-9.08	3.03	-0.82	0.59	-0.38	11.26
DRAGRH_SIN		0.00	-70.77	17.37	-0.55	13.40	12.98	-37.97	3.93	-0.23	3.63	25.69	-1.32	2.75	1.89	0.00	11.46

RUN	POINT	Harmonics															
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.28	0.75	0.65	-2.94	-2.52	-0.61	0.36	0.51	0.14	-0.03	-0.11	0.18	0.27	0.08	0.08	-0.05
ACT1FORCE_SIN		0.00	7.53	1.84	0.13	0.01	-0.93	-0.47	-0.09	0.03	0.13	-0.13	-0.02	0.17	0.09	0.11	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.48	-17.17	-13.72	27.48	25.08	5.86	-5.32	-0.01	0.00	-0.01	0.01	0.01	0.00	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-58.90	-14.13	-2.35	-1.10	7.34	6.92	-0.01	-0.02	-0.02	-0.01	0.00	0.01	-0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.26	17.26	13.79	-27.52	-25.13	-5.93	5.27	0.01	0.01	0.02	0.00	0.00	0.00	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	58.99	14.16	2.45	1.19	-7.31	-6.97	-0.01	0.01	0.01	0.01	0.00	-0.01	0.01	0.01	0.01
MRBLD1CB42P75_COS		-4012.62	-1442.10	-74.73	231.21	-15.40	-42.37	-24.49	-69.72	32.88	29.25	-35.70	12.63	3.92	-11.05	-42.27	-1.97
MRBLD1CB42P75_SIN		0.00	-203.66	-85.93	50.18	25.68	-1.36	11.64	77.98	-13.44	30.47	-22.83	-31.61	-18.97	-15.72	-33.54	-21.26

RUN	POINT	Harmonics															
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.43	-726.63	266.12	172.95	37.34	-12.98	-62.47	-58.69	14.83	32.73	-1.61	9.03	-0.99	-5.76	-30.00	-10.26
MRBLD1CB70_SIN		0.00	-124.55	-90.50	56.78	119.56	21.42	15.20	66.14	-0.12	28.15	-20.08	-20.59	-11.15	-6.07	-19.94	-13.46
MRBLD1CB120_COS		-537.84	-204.64	418.36	134.65	40.05	52.57	-42.58	-17.81	-29.47	-0.92	36.27	3.12	-3.06	-0.64	8.00	6.57
MRBLD1CB120_SIN		0.00	17.36	-133.89	-16.31	116.74	33.14	2.81	24.11	-2.41	-13.18	17.77	13.20	6.14	6.59	1.84	-3.33
MRBLD1CB164_COS		-1971.83	-71.48	140.83	10.94	-24.62	20.86	-12.23	19.49	-22.00	-6.52	18.01	4.12	3.22	0.34	8.76	-0.58
MRBLD1CB164_SIN		0.00	53.57	-45.10	6.11	49.18	24.78	-4.61	-13.95	-4.50	-24.27	20.32	15.99	6.32	2.47	14.62	13.66
MRBLD1FB42P75_COS		3104.41	102.37	-451.23	332.26	-190.83	36.85	13.75	-58.91	-12.54	20.12	9.31	19.60	8.37	-17.51	-81.79	-25.67
MRBLD1FB42P75_SIN		0.00	6.69	-87.98	106.88	-23.70	33.55	19.50	179.96	-35.81	-30.36	-3.64	-50.38	-23.11	1.67	19.36	-39.09
MRBLD1FB70_COS		404.69	-91.75	-235.31	74.65	-75.78	6.21	6.05	-5.37	0.54	1.35	-3.17	-4.26	-1.99	2.11	17.18	5.06
MRBLD1FB70_SIN		0.00	-139.93	-25.08	31.47	-21.27	2.48	3.65	34.51	-2.25	2.55	3.23	2.65	1.68	-0.53	-1.93	9.28
MRBLD1FB87_COS		-90.56	-49.99	-183.07	12.47	-53.39	-11.98	-4.49	5.68	4.78	0.28	6.13	1.05	0.42	3.94	17.18	4.69
MRBLD1FB87_SIN		0.00	-130.93	14.32	51.62	-0.99	-1.43	-3.71	-20.29	-0.74	2.88	0.63	12.99	7.20	1.82	-2.81	7.83
MRBLD1FB120_COS		-472.55	-44.04	-260.59	-5.29	-10.75	-9.24	-2.51	11.41	-0.82	-2.08	-2.94	0.16	1.31	-2.83	-23.95	-6.79
MRBLD1FB120_SIN		0.00	-165.63	38.65	108.41	33.71	7.57	1.12	-43.58	10.52	-0.34	-7.88	-10.57	-6.05	-3.90	2.28	-11.33
MRBLD1FB164_COS		-103.61	-11.31	-390.68	76.38	163.22	36.82	29.12	-15.33	1.31	6.71	5.19	4.34	7.02	4.23	10.34	4.80
MRBLD1FB164_SIN		0.00	-209.98	20.31	98.09	56.73	-26.08	-15.06	45.55	-11.39	7.91	11.31	14.44	3.59	-1.27	-0.37	10.46

RUN	POINT	Harmonics															
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.41	-3.00	-232.57	59.49	138.60	27.08	10.07	-15.55	1.55	3.16	14.45	3.96	3.17	0.21	-25.85	-4.74
MRBLD1FB180_SIN		0.00	-147.42	5.88	33.67	21.87	-30.31	-15.03	37.67	-23.90	-5.82	-5.60	16.22	0.86	-1.92	3.75	-12.55
MRBLD1TOR51_COS		-1382.66	39.84	-30.40	62.51	-18.49	-8.57	10.40	5.04	5.03	2.06	3.11	1.50	2.96	0.16	-7.70	0.14
MRBLD1TOR51_SIN		0.00	-33.11	-10.33	27.61	2.64	1.61	-1.02	43.63	0.77	-1.49	-3.95	1.00	1.75	1.22	-3.80	-3.87
MRBLD1TOR71_COS		-239.47	47.45	-35.41	40.89	-12.08	-7.50	10.96	9.45	2.07	-1.05	2.29	-0.11	1.92	1.16	-2.98	0.31
MRBLD1TOR71_SIN		0.00	-36.25	-12.31	11.32	-1.50	-0.12	0.75	35.65	2.49	-1.12	-2.73	3.11	2.88	1.99	-2.22	-1.64
MRBLD1TOR130_COS		-5.40	45.66	-13.70	26.72	2.89	-8.91	5.95	4.44	1.01	-0.14	-1.00	2.90	0.19	-1.08	1.16	-1.22
MRBLD1TOR130_SIN		0.00	-30.19	-7.00	2.90	7.70	3.47	2.71	30.78	2.33	3.07	1.87	1.26	0.03	-0.90	-0.32	2.26
MRBLD1TOR164_COS		-207.86	33.00	49.08	4.94	-15.92	-11.69	-4.93	0.89	0.43	2.72	3.53	1.22	-0.50	0.06	-0.05	1.38
MRBLD1TOR164_SIN		0.00	-8.97	-1.35	-18.55	-11.26	5.81	4.89	13.09	0.19	1.05	2.39	2.78	0.81	-0.64	-3.26	0.15
MRFBM1CB26P5_COS		-4776.36	-618.54	-73.25	79.00	0.34	-12.48	10.63	-5.39	4.59	-1.37	-6.54	1.64	2.26	-0.73	-1.73	4.14
MRFBM1CB26P5_SIN		0.00	-135.88	-11.44	-9.52	-20.82	-11.06	-2.03	3.98	-5.45	-0.60	-0.43	-0.97	-0.51	-0.56	-3.76	-2.22
MRFBM1FB9_COS		349.11	-22.68	199.97	-67.26	21.95	-0.32	0.02	9.52	-1.64	-1.77	-0.85	-1.95	-0.97	-0.10	0.96	-0.96
MRFBM1FB9_SIN		0.00	8.71	65.22	-62.17	5.34	-5.68	-0.24	-5.43	0.51	-1.00	0.10	0.44	0.07	0.72	2.41	1.05
MRFBM1TOR26P5_COS		-361.53	96.30	-0.30	0.32	-0.23	0.22	-0.02	0.23	-0.05	-0.04	-0.05	-0.08	-0.02	0.01	-0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-67.45	-0.38	0.37	-0.19	0.04	0.01	0.16	0.15	-0.02	-0.02	-0.06	0.04	0.05	0.16	-0.02

RUN	POINT	Harmonics															
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1018.35	-1378.26	-160.98	243.51	-35.44	-30.04	-0.87	-53.28	21.27	20.27	-25.50	14.51	5.78	-8.67	-35.09	4.16
MRPC1CB33P25_SIN		0.00	-170.35	-57.50	19.74	-20.17	-1.67	4.84	62.55	-19.12	13.23	-10.13	-21.52	-11.84	-10.61	-28.90	-20.84
MRPC1FB33P25_COS		2264.65	58.14	-341.68	250.84	-149.56	18.75	1.65	-117.20	7.93	34.47	11.36	47.86	20.64	-13.48	-65.94	20.40
MRPC1FB33P25_SIN		0.00	118.20	-137.57	155.02	-57.01	37.04	17.93	114.68	-33.67	-11.47	2.01	-21.06	-8.96	-11.53	-61.10	-43.85
MRPC1TOR25P5_COS		-807.19	-29.37	26.36	-70.45	15.77	1.59	-19.37	-14.64	-6.40	-0.32	-5.60	2.05	-3.47	-2.74	2.66	2.20
MRPC1TOR25P5_SIN		0.00	89.05	-38.19	-12.76	0.54	1.46	1.34	-42.31	-4.95	3.57	3.57	-3.30	-3.27	-2.86	-7.78	-0.10
MRPLK1LOAD_COS		-91.18	10.53	3.73	-8.16	2.41	0.12	-2.20	-1.72	-0.74	0.22	-0.53	0.32	-0.47	-0.21	1.14	0.20
MRPLK1LOAD_SIN		0.00	-14.45	-1.07	-2.66	0.01	0.34	0.10	-5.99	-0.48	0.49	0.81	-0.37	-0.42	-0.74	-1.48	0.02
PITCHRH_COS		9853.58	-8632.75	-398.28	-103.87	-46.61	-598.48	1.91	-27.20	-26.30	107.23	254.51	-33.68	34.19	-6.93	18.77	-282.41
PITCHRH_SIN		0.00	3226.53	-512.93	30.63	60.99	-196.91	228.54	-4.42	25.83	-74.70	-304.58	-16.44	10.64	-25.67	-14.40	-261.32
ROLLRH_COS		351.73	-2712.94	507.67	-55.89	-107.69	135.05	-119.38	33.62	58.97	3.60	107.41	-11.09	51.25	-44.99	21.71	81.77
ROLLRH_SIN		0.00	-8466.90	-586.75	-62.93	211.50	-533.47	-209.65	4.72	-32.54	83.10	-40.69	-26.50	34.57	5.90	-29.26	-436.81
TORQ_COS		30899.17	493.66	-0.11	-20.52	-45.21	138.52	-8.32	-2.86	-18.72	1.80	40.44	2.97	2.70	-3.20	-6.62	-0.92
TORQ_SIN		0.00	498.72	-18.52	12.53	40.11	52.96	6.27	10.59	7.49	-6.19	-7.41	7.72	-6.73	7.66	-11.84	39.23
THRUST_COS		5887.22	-63.46	7.42	-1.39	6.51	-14.09	1.31	0.30	2.22	-0.53	1.26	5.95	-2.56	-0.46	4.43	-7.29
THRUST_SIN		0.00	-10.91	9.11	8.27	4.72	-32.30	2.22	10.56	1.49	0.65	0.16	-1.23	-0.88	-0.55	1.41	26.49

RUN	POINT	Harmonics															
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.39	0.10	-14.19	-3.08	-33.86	29.21	7.46	-1.31	-1.03	-0.52	-5.20	0.88	-2.27	1.36	-0.72	-1.45
SIDERH_SIN		0.00	199.88	12.07	0.16	-62.84	26.37	9.09	-0.22	2.72	-4.26	1.16	2.05	-1.05	0.12	0.79	13.17
DRAGRH_COS		-215.26	228.77	7.73	1.35	-15.16	12.49	-12.84	-0.07	1.20	-4.74	-9.66	3.09	-1.27	1.35	-0.71	12.58
DRAGRH_SIN		0.00	-71.14	17.10	-0.65	13.80	-1.02	-31.16	3.28	-1.07	3.30	25.73	-1.34	3.00	1.84	-0.19	11.62

RUN	POINT	Harmonics															
52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.00	0.76	0.48	-2.94	-2.54	-0.54	0.36	0.45	0.11	-0.05	-0.07	0.19	0.26	0.06	0.05	-0.05
ACT1FORCE_SIN		0.00	7.44	1.88	0.13	-0.05	-0.86	-0.46	-0.05	0.03	0.10	-0.13	-0.01	0.19	0.09	0.11	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.26	-17.26	-10.91	28.34	24.32	5.27	-4.80	0.00	0.00	-0.01	0.02	0.01	0.00	-0.01	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-58.63	-14.55	-1.99	-0.57	7.37	6.38	-0.01	-0.02	-0.01	-0.01	0.00	0.02	0.00	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.49	17.35	10.98	-28.38	-24.38	-5.34	4.76	0.00	0.00	0.02	-0.01	-0.01	0.00	0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	58.73	14.58	2.09	0.67	-7.35	-6.43	0.00	0.02	0.00	0.01	-0.01	-0.02	0.00	0.01	0.01
MRBLD1CB42P75_COS		-3996.56	-1487.26	-61.96	230.61	-21.55	-42.73	-20.89	-55.88	29.68	32.27	-31.76	12.04	1.81	-11.06	-36.80	-1.22
MRBLD1CB42P75_SIN		0.00	-251.39	-90.56	50.49	20.26	-9.31	11.68	87.09	-10.92	30.45	-20.79	-29.31	-17.00	-16.02	-34.33	-16.73

RUN	POINT	Harmonics															
52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2807.86	-755.35	273.75	173.07	29.48	-12.97	-60.73	-47.08	14.23	36.34	3.45	8.39	-1.32	-4.90	-24.61	-9.11
MRBLD1CB70_SIN		0.00	-157.56	-92.98	54.96	110.35	3.64	15.49	72.22	2.37	27.44	-19.17	-18.87	-9.53	-6.42	-20.95	-9.65
MRBLD1CB120_COS		-532.19	-215.38	422.79	135.92	32.31	53.38	-41.66	-8.86	-27.21	-4.17	32.94	3.49	-1.90	0.12	8.45	6.29
MRBLD1CB120_SIN		0.00	1.52	-134.53	-19.42	108.02	11.28	0.69	27.07	1.40	-12.58	16.36	11.60	5.14	6.52	2.22	-3.14
MRBLD1CB164_COS		-1969.88	-73.82	140.75	10.53	-28.80	22.10	-13.18	19.46	-20.38	-10.78	13.21	4.59	3.37	0.37	5.92	-0.09
MRBLD1CB164_SIN		0.00	49.26	-45.01	5.75	44.60	16.70	-6.08	-15.74	-3.08	-23.61	18.40	14.37	5.27	2.81	14.81	11.68
MRBLD1FB42P75_COS		3095.14	117.56	-445.42	334.21	-204.15	37.47	22.72	-19.83	-11.18	12.14	1.91	17.69	6.13	-18.77	-77.80	-17.89
MRBLD1FB42P75_SIN		0.00	16.69	-90.91	108.18	-27.91	28.77	11.73	183.51	-26.76	-24.31	0.20	-50.54	-21.86	-1.75	8.18	-33.85
MRBLD1FB70_COS		403.13	-91.61	-232.16	75.57	-80.26	5.82	7.54	1.09	0.88	1.53	-2.62	-3.95	-1.66	2.33	16.29	3.58
MRBLD1FB70_SIN		0.00	-139.50	-26.96	32.41	-22.95	0.32	1.39	34.46	-1.51	2.68	3.30	2.85	1.95	0.23	0.19	8.04
MRBLD1FB87_COS		-91.91	-50.78	-181.92	13.21	-55.26	-11.86	-4.94	1.76	4.59	1.32	7.25	1.12	0.65	4.15	16.39	3.19
MRBLD1FB87_SIN		0.00	-130.28	12.98	52.94	-1.23	-0.35	-2.29	-20.03	-1.20	2.24	-0.06	13.04	6.88	2.49	-0.43	6.68
MRBLD1FB120_COS		-472.91	-44.76	-260.03	-5.19	-11.51	-8.19	-3.74	2.77	-1.13	-2.39	-3.36	0.08	1.13	-3.06	-23.04	-4.96
MRBLD1FB120_SIN		0.00	-164.80	38.07	110.15	32.47	8.66	2.30	-44.40	8.20	-1.41	-7.81	-10.78	-6.20	-4.86	-0.47	-9.40
MRBLD1FB164_COS		-105.27	-10.51	-385.44	77.89	168.93	37.23	28.57	-2.68	0.77	5.68	5.52	4.45	7.44	4.26	9.61	3.79
MRBLD1FB164_SIN		0.00	-207.66	17.35	98.37	58.28	-26.60	-17.81	47.67	-7.70	8.86	9.97	13.27	2.65	-1.43	1.04	9.38

RUN	POINT	Harmonics															
52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.49	-2.73	-229.74	60.10	142.51	26.02	9.46	-5.25	0.53	2.60	14.90	3.48	3.84	1.81	-22.87	-1.35
MRBLD1FB180_SIN		0.00	-145.23	3.89	33.33	23.78	-30.77	-17.20	40.05	-20.60	-6.36	-8.34	15.14	-0.83	-2.79	1.12	-9.36
MRBLD1TOR51_COS		-1382.90	38.53	-28.42	61.57	-19.83	-7.80	11.44	10.48	4.01	1.97	4.11	1.73	3.11	0.50	-6.57	-0.02
MRBLD1TOR51_SIN		0.00	-33.71	-10.85	28.41	1.05	-0.63	-0.31	45.82	1.38	-2.38	-4.55	1.12	2.05	1.29	-4.02	-2.59
MRBLD1TOR71_COS		-239.98	46.75	-33.93	40.01	-12.72	-6.76	11.64	13.12	1.42	-1.05	3.26	0.30	2.14	1.41	-2.51	0.17
MRBLD1TOR71_SIN		0.00	-36.22	-12.65	11.99	-2.53	-1.80	1.38	36.59	2.69	-1.90	-3.37	2.99	3.10	2.24	-1.95	-0.73
MRBLD1TOR130_COS		-5.66	44.67	-12.92	26.00	2.78	-8.71	6.39	7.86	0.30	-0.75	-1.11	2.96	0.02	-1.14	0.74	-0.96
MRBLD1TOR130_SIN		0.00	-30.21	-7.30	2.93	7.55	2.10	2.99	31.80	2.75	2.71	1.41	0.71	-0.01	-0.74	0.13	1.87
MRBLD1TOR164_COS		-207.54	32.23	48.55	4.54	-16.66	-11.78	-4.67	1.87	0.49	2.61	3.30	1.04	-0.48	0.23	0.21	1.26
MRBLD1TOR164_SIN		0.00	-9.34	-1.23	-18.76	-11.58	4.95	5.18	12.86	0.06	0.81	2.08	2.09	0.48	-0.83	-3.18	-0.05
MRFBM1CB26P5_COS		-4767.03	-640.11	-67.77	78.84	0.23	-12.87	11.22	-4.60	3.65	-1.88	-7.52	1.57	1.94	-0.78	-1.65	3.84
MRFBM1CB26P5_SIN		0.00	-158.46	-12.94	-9.37	-19.79	-9.55	-2.17	4.83	-5.44	-0.61	-0.31	-1.21	-0.69	-0.83	-3.86	-1.92
MRFBM1FB9_COS		343.68	1.00	191.78	-67.32	23.50	-0.48	-0.93	8.16	-1.40	-1.48	-0.79	-1.85	-0.85	-0.16	0.59	-0.81
MRFBM1FB9_SIN		0.00	12.97	67.85	-62.65	6.85	-4.82	-0.01	-6.85	0.25	-0.83	0.11	0.42	0.09	0.82	2.41	0.82
MRFBM1TOR26P5_COS		-361.52	96.31	-0.33	0.31	-0.22	0.23	-0.02	0.26	-0.06	-0.01	-0.03	-0.08	-0.01	0.02	-0.02	-0.01
MRFBM1TOR26P5_SIN		0.00	-67.41	-0.34	0.39	-0.22	0.03	0.01	0.18	0.15	-0.02	0.00	-0.02	0.05	0.04	0.14	-0.02

RUN	POINT	Harmonics															
52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1003.64	-1418.22	-147.93	242.92	-39.95	-29.81	2.86	-40.68	17.57	20.26	-25.37	14.02	4.06	-8.57	-30.32	4.22
MRPC1CB33P25_SIN		0.00	-210.99	-63.40	20.35	-22.88	-4.51	3.71	70.45	-16.91	13.09	-9.26	-20.84	-11.12	-11.53	-29.90	-16.49
MRPC1FB33P25_COS		2255.95	71.63	-337.04	251.99	-159.70	20.88	11.31	-88.24	4.99	25.23	3.91	46.72	18.39	-11.40	-54.00	19.47
MRPC1FB33P25_SIN		0.00	127.57	-139.26	157.05	-63.61	32.41	15.16	133.20	-26.23	-11.16	0.27	-22.81	-9.84	-14.94	-63.83	-34.05
MRPC1TOR25P5_COS		-807.02	-25.80	22.69	-69.12	16.66	1.04	-19.83	-19.18	-5.22	-0.67	-6.70	1.86	-4.03	-3.03	2.29	2.41
MRPC1TOR25P5_SIN		0.00	90.01	-37.17	-13.63	1.88	3.00	0.69	-43.97	-5.26	4.43	4.01	-3.86	-3.59	-3.04	-6.81	-0.18
MRPLK1LOAD_COS		-91.13	10.58	3.52	-8.05	2.62	0.01	-2.28	-2.47	-0.61	0.17	-0.72	0.34	-0.54	-0.28	0.98	0.21
MRPLK1LOAD_SIN		0.00	-14.59	-0.92	-2.81	0.18	0.65	-0.03	-6.21	-0.57	0.58	0.79	-0.58	-0.48	-0.70	-1.22	0.03
PITCHRH_COS		9457.69	-8625.93	-392.51	-109.37	-48.60	-633.78	-40.43	-15.69	-16.17	110.79	237.62	-28.30	28.55	3.70	27.05	-261.28
PITCHRH_SIN		0.00	3235.41	-515.49	19.75	69.75	-198.38	260.60	-28.38	48.84	-68.56	-284.09	-27.17	-5.56	-20.01	-12.98	-261.44
ROLLRH_COS		229.34	-2724.61	502.97	-46.81	-103.19	143.27	-138.71	56.21	38.29	-14.08	109.29	-1.34	39.33	-39.82	25.57	93.70
ROLLRH_SIN		0.00	-8451.43	-575.46	-61.91	213.98	-641.92	-195.82	-1.18	-24.50	85.26	-56.10	-23.97	21.77	-14.38	-32.36	-398.60
TORQ_COS		31045.36	498.30	5.83	-19.05	-38.68	142.79	-7.18	-3.88	-14.77	0.09	42.44	3.70	0.83	-1.84	-6.73	1.50
TORQ_SIN		0.00	497.32	-13.67	13.00	39.11	55.33	6.60	9.58	8.45	-6.29	-8.98	10.55	-5.63	6.01	-10.94	36.58
THRUST_COS		5867.50	-62.01	7.18	-2.70	5.45	-14.56	1.54	-2.06	2.32	-0.35	3.27	5.59	-2.32	-0.41	4.17	-6.90
THRUST_SIN		0.00	-11.18	8.78	7.43	5.22	-30.43	3.64	9.44	0.81	-0.18	-2.65	-0.29	0.50	-0.59	1.65	24.41

RUN	POINT	Harmonics															
52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.48	-2.87	-13.84	-3.63	-35.21	33.18	7.15	-2.07	-0.52	0.34	-5.38	0.40	-1.81	1.20	-0.86	-1.73
SIDERH_SIN		0.00	198.94	11.91	0.07	-61.63	33.75	12.30	-0.80	1.84	-4.62	1.66	1.80	-0.67	0.66	0.93	12.04
DRAGRH_COS		-217.80	228.85	7.86	1.35	-14.76	5.38	-6.17	-0.79	0.44	-4.60	-7.92	2.75	-0.67	0.33	-1.39	11.94
DRAGRH_SIN		0.00	-71.22	17.07	-0.59	13.53	-2.61	-34.38	3.97	-1.99	3.14	25.27	-0.77	2.52	1.89	0.05	11.87

RUN	POINT	Harmonics															
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.90	0.78	0.81	-2.97	-2.40	-0.48	0.41	0.53	0.12	-0.08	-0.07	0.16	0.25	0.07	0.07	-0.03
ACT1FORCE_SIN		0.00	7.43	1.66	0.10	-0.04	-0.92	-0.39	-0.03	0.02	0.15	-0.17	0.01	0.20	0.07	0.12	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.33	-17.10	-13.54	28.33	24.20	5.03	-5.71	-0.01	0.00	-0.01	0.02	0.02	0.00	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-57.32	-14.07	-2.25	0.02	7.39	6.30	0.00	-0.02	-0.02	0.00	0.01	0.00	-0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.42	17.19	13.61	-28.36	-24.26	-5.10	5.67	0.00	0.01	0.02	-0.01	-0.01	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	57.41	14.09	2.34	0.07	-7.37	-6.35	-0.01	0.02	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3958.90	-1416.20	-113.06	235.34	-26.28	-47.45	-25.89	-93.66	39.50	27.73	-9.01	7.12	2.37	-12.97	-43.18	0.91
MRBLD1CB42P75_SIN		0.00	-269.01	-84.89	63.37	43.30	-3.24	2.63	62.39	-21.23	29.98	-27.53	-24.14	-15.04	-16.56	-38.72	-19.32

RUN	POINT	Harmonics															
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2816.47	-712.51	241.63	169.00	21.78	-22.20	-60.41	-78.00	19.56	30.15	13.80	4.81	-0.72	-7.13	-29.35	-9.27
MRBLD1CB70_SIN		0.00	-158.58	-90.26	72.52	146.46	24.59	13.09	56.84	-6.43	27.94	-19.21	-16.82	-8.42	-6.93	-26.05	-13.35
MRBLD1CB120_COS		-544.98	-201.97	403.85	127.57	28.28	38.51	-41.34	-32.69	-26.60	2.13	23.57	6.22	-3.15	-0.05	8.41	6.43
MRBLD1CB120_SIN		0.00	11.61	-130.78	2.34	150.55	38.55	11.27	25.00	-2.06	-12.39	21.63	9.79	4.06	5.94	1.71	-2.85
MRBLD1CB164_COS		-1973.28	-71.09	138.18	7.50	-28.05	14.62	-10.72	20.29	-22.90	-1.51	8.46	8.04	3.28	2.03	9.06	0.05
MRBLD1CB164_SIN		0.00	52.19	-45.56	13.59	61.77	26.47	2.25	-8.76	-2.52	-23.77	18.74	13.12	3.40	2.29	17.80	12.66
MRBLD1FB42P75_COS		3079.00	97.56	-474.87	351.34	-163.71	16.01	-0.92	-124.28	-1.74	28.97	21.22	22.28	5.75	-23.85	-92.22	-16.34
MRBLD1FB42P75_SIN		0.00	24.80	-78.89	141.25	9.93	23.26	6.39	180.18	-53.91	-43.53	-24.82	-44.65	-19.41	1.08	16.41	-40.53
MRBLD1FB70_COS		404.36	-94.04	-243.99	80.75	-67.73	1.10	3.00	-17.01	1.77	1.85	-2.55	-4.08	-1.46	2.99	19.10	3.35
MRBLD1FB70_SIN		0.00	-140.96	-22.26	43.78	-9.57	1.05	1.41	34.49	-4.69	2.26	3.04	2.92	1.87	-0.17	-1.43	9.11
MRBLD1FB87_COS		-87.78	-51.90	-187.75	15.20	-49.09	-12.07	-3.70	11.80	3.40	-1.40	2.59	-0.15	0.34	4.94	19.40	3.27
MRBLD1FB87_SIN		0.00	-132.72	14.63	58.06	3.07	-1.53	-2.72	-20.10	2.17	5.04	5.48	11.08	6.00	1.58	-2.46	8.03
MRBLD1FB120_COS		-466.17	-43.78	-263.26	-4.46	-11.79	-7.07	0.87	27.54	-3.02	-2.06	-2.64	0.13	1.46	-3.77	-27.38	-4.63
MRBLD1FB120_SIN		0.00	-168.06	36.32	111.81	29.34	8.48	1.51	-44.79	13.74	-0.99	-10.13	-9.13	-5.34	-4.07	2.13	-11.67
MRBLD1FB164_COS		-104.52	-11.60	-404.08	81.53	153.29	41.28	28.05	-40.49	4.59	6.70	2.50	3.47	6.22	4.42	11.99	4.17
MRBLD1FB164_SIN		0.00	-211.05	23.05	103.68	45.80	-22.19	-11.34	47.26	-15.58	9.23	13.05	12.88	2.71	-1.88	-1.11	9.78

RUN	POINT	Harmonics															
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.28	-1.88	-241.41	63.01	131.12	29.07	7.60	-37.29	5.33	3.76	8.82	2.97	2.73	-0.84	-30.69	-3.84
MRBLD1FB180_SIN		0.00	-147.72	7.69	37.07	18.61	-28.57	-14.73	38.52	-26.38	-3.48	2.33	10.62	-3.28	-3.12	3.43	-12.14
MRBLD1TOR51_COS		-1384.85	38.80	-36.99	60.44	-17.79	-7.43	10.53	-8.44	5.85	2.69	2.48	1.80	2.93	-0.37	-8.76	1.34
MRBLD1TOR51_SIN		0.00	-34.37	-8.64	30.51	1.63	-0.68	-4.64	46.53	-0.10	-1.76	-3.52	0.52	1.39	0.44	-5.94	-4.23
MRBLD1TOR71_COS		-240.57	46.38	-40.06	38.98	-11.56	-5.82	11.38	-0.31	2.25	-0.88	0.64	0.22	2.01	0.96	-3.65	0.59
MRBLD1TOR71_SIN		0.00	-36.46	-11.23	12.42	-3.92	-1.47	-1.71	39.47	2.36	-1.00	-1.93	2.56	2.67	1.67	-3.42	-2.24
MRBLD1TOR130_COS		-5.89	45.60	-16.90	25.69	2.84	-7.43	6.57	-4.12	1.72	0.44	0.18	2.45	0.25	-0.76	1.71	-2.27
MRBLD1TOR130_SIN		0.00	-29.83	-6.45	2.41	4.36	2.85	0.73	32.74	1.55	2.80	1.47	1.18	-0.07	-0.66	0.49	2.29
MRBLD1TOR164_COS		-207.27	33.24	49.60	3.13	-15.00	-11.99	-4.52	-1.35	0.45	2.98	3.11	1.12	-0.34	0.38	0.40	0.63
MRBLD1TOR164_SIN		0.00	-8.24	-1.15	-19.93	-10.65	4.59	3.15	14.50	0.13	1.02	2.69	2.11	0.51	-0.51	-2.76	0.86
MRFBM1CB26P5_COS		-4743.01	-607.95	-89.04	82.27	-0.99	-11.52	9.37	-7.08	5.22	-0.98	-4.40	1.48	1.75	-1.07	-2.52	4.59
MRFBM1CB26P5_SIN		0.00	-166.90	-11.16	-9.24	-23.71	-12.45	-3.86	2.19	-6.14	-0.83	-2.19	-0.61	-0.84	-0.80	-3.82	-1.46
MRFBM1FB9_COS		318.94	-7.90	218.91	-69.24	21.03	0.88	0.60	12.01	-2.56	-2.13	-1.81	-1.65	-0.81	0.07	0.90	-0.88
MRFBM1FB9_SIN		0.00	28.14	61.82	-71.28	0.02	-3.82	1.42	-2.73	0.95	-0.80	-0.12	0.28	0.16	1.03	2.81	0.81
MRFBM1TOR26P5_COS		-361.66	96.33	-0.30	0.32	-0.23	0.23	-0.04	0.15	-0.06	-0.04	-0.08	-0.04	-0.01	0.00	-0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-67.11	-0.36	0.39	-0.24	0.05	-0.03	0.22	0.15	-0.02	0.00	-0.05	0.04	0.04	0.14	-0.02

RUN	POINT	Harmonics															
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-967.81	-1353.73	-197.87	251.01	-40.97	-34.41	-3.75	-75.17	28.19	21.49	-6.48	11.20	4.05	-10.38	-36.82	6.93
MRPC1CB33P25_SIN		0.00	-230.38	-53.84	29.26	-9.69	-6.03	-2.67	49.75	-25.95	12.18	-16.55	-15.80	-9.90	-11.93	-33.39	-18.37
MRPC1FB33P25_COS		2241.30	51.46	-361.65	260.28	-134.72	4.72	-4.52	-167.86	24.43	47.48	32.76	45.96	16.22	-17.17	-69.92	25.69
MRPC1FB33P25_SIN		0.00	135.36	-133.55	186.72	-22.33	22.10	2.43	89.04	-43.32	-16.65	-5.96	-15.26	-8.77	-16.88	-71.34	-36.46
MRPC1TOR25P5_COS		-804.37	-29.25	31.96	-68.56	15.43	-1.05	-19.54	-1.95	-6.20	-0.43	-2.11	0.20	-3.83	-2.25	4.43	-0.12
MRPC1TOR25P5_SIN		0.00	90.65	-41.80	-14.22	3.48	3.10	4.37	-47.19	-4.97	3.50	2.84	-2.21	-2.92	-2.21	-6.16	0.96
MRPLK1LOAD_COS		-90.62	10.55	4.38	-7.97	2.20	-0.10	-2.25	0.18	-0.79	0.24	-0.22	0.02	-0.54	-0.13	1.49	-0.35
MRPLK1LOAD_SIN		0.00	-14.15	-1.41	-2.99	0.28	0.64	0.52	-6.65	-0.42	0.57	0.68	-0.28	-0.37	-0.55	-1.17	0.11
PITCHRH_COS		9652.13	-8639.31	-391.62	-106.49	-51.56	-511.98	-31.51	-18.53	-35.39	80.84	276.03	-40.71	24.28	-2.85	26.78	-349.56
PITCHRH_SIN		0.00	3202.84	-509.51	23.32	56.99	-201.08	269.86	-26.90	9.23	-64.54	-315.23	-39.26	4.88	-49.59	-8.00	-210.49
ROLLRH_COS		-5.76	-2717.39	517.58	-49.80	-110.42	-13.37	-129.42	23.31	68.42	-17.09	135.61	13.44	34.90	-62.79	48.39	45.94
ROLLRH_SIN		0.00	-8450.48	-557.06	-61.25	213.73	-329.53	-136.74	-13.32	-21.61	23.84	-17.82	-32.48	12.83	-18.67	-23.58	-513.71
TORQ_COS		31607.88	494.53	6.78	-19.00	-36.14	131.70	-6.41	-5.03	-17.48	1.82	33.60	2.88	1.03	-1.83	-7.73	-5.09
TORQ_SIN		0.00	505.70	-15.65	13.65	41.75	51.58	5.19	14.62	9.74	-7.57	1.66	8.55	-8.23	7.35	-11.58	39.55
THRUST_COS		5794.15	-62.58	5.91	-0.79	5.46	-8.16	1.34	-1.23	2.26	-0.40	-7.73	6.05	-1.40	-0.11	3.04	-7.69
THRUST_SIN		0.00	-9.27	8.82	8.00	3.61	-26.81	1.31	13.58	1.27	0.53	8.73	0.11	-0.27	1.43	2.44	27.33

RUN	POINT	Harmonics															
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.36	0.10	-13.84	-2.94	-33.83	25.85	9.70	-1.69	-1.41	0.72	-6.02	-0.85	-1.62	1.94	-1.56	-0.46
SIDERH_SIN		0.00	197.98	11.50	0.11	-60.82	6.61	7.97	0.49	2.18	-1.86	0.02	2.31	-0.36	0.82	0.53	15.40
DRAGRH_COS		-217.41	228.49	7.47	0.88	-16.35	33.97	-9.09	1.63	1.64	-2.76	-10.53	4.18	0.06	0.79	-1.08	15.26
DRAGRH_SIN		0.00	-71.35	16.33	-0.43	13.04	6.68	-34.63	3.90	-0.37	4.38	25.32	1.26	2.33	2.73	-0.30	8.82

RUN	POINT	Harmonics															
52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.15	0.88	0.75	-2.95	-2.48	-0.67	0.36	0.50	0.16	0.01	-0.07	0.16	0.23	0.10	0.09	-0.06
ACT1FORCE_SIN		0.00	7.42	1.85	0.15	0.09	-0.87	-0.46	-0.12	0.01	0.14	-0.11	0.04	0.16	0.07	0.09	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.33	-17.85	-14.24	28.15	24.42	5.95	-4.61	-0.02	0.00	-0.02	0.01	0.01	0.01	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-57.86	-13.95	-2.96	-1.76	7.42	7.25	-0.01	-0.02	-0.02	-0.01	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.40	17.91	14.30	-28.18	-24.47	-6.00	4.58	0.02	0.00	0.01	0.00	-0.01	-0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	57.97	13.98	3.02	1.82	-7.41	-7.28	-0.01	0.02	0.01	0.01	0.00	-0.01	0.01	0.01	0.00
MRBLD1CB42P75_COS		-4034.71	-1457.93	-71.88	221.15	-7.64	-39.77	-24.01	-87.77	27.46	30.28	-11.66	4.79	2.30	-11.77	-44.75	0.36
MRBLD1CB42P75_SIN		0.00	-193.35	-88.44	41.41	20.18	1.73	11.89	91.53	-19.18	29.78	-29.87	-23.82	-17.17	-15.93	-37.02	-21.95

RUN	POINT	Harmonics															
52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2785.65	-735.48	267.81	165.18	40.76	-19.18	-55.22	-70.83	10.99	31.66	12.94	4.26	-1.70	-5.30	-32.29	-8.70
MRBLD1CB70_SIN		0.00	-112.79	-92.06	47.47	112.95	14.50	17.09	76.95	-2.52	29.45	-24.90	-16.08	-10.47	-6.61	-24.80	-14.43
MRBLD1CB120_COS		-534.35	-204.68	420.21	131.39	46.33	44.31	-31.74	-22.20	-26.70	-2.77	23.02	7.56	-2.66	0.52	9.25	7.13
MRBLD1CB120_SIN		0.00	28.83	-137.83	-24.81	107.73	21.08	8.23	32.28	1.20	-11.10	24.02	9.62	4.71	6.32	2.13	-2.81
MRBLD1CB164_COS		-1969.90	-70.88	141.63	9.86	-21.55	16.18	-6.70	23.72	-19.40	-6.29	6.36	7.29	3.18	-0.38	9.07	-2.01
MRBLD1CB164_SIN		0.00	56.49	-46.53	1.96	46.21	18.11	-2.75	-15.22	-1.05	-24.21	23.74	12.90	6.31	2.70	17.21	13.87
MRBLD1FB42P75_COS		3114.92	103.15	-451.63	306.28	-165.03	50.68	3.98	-85.73	-16.49	18.54	20.10	16.57	4.54	-21.16	-87.06	-21.23
MRBLD1FB42P75_SIN		0.00	-1.00	-94.01	88.33	-39.31	48.72	27.11	223.35	-43.70	-36.55	-11.33	-43.94	-22.31	0.41	17.09	-45.72
MRBLD1FB70_COS		403.99	-92.63	-235.31	65.62	-67.18	9.93	5.14	-9.65	0.00	1.46	-2.40	-3.59	-1.06	2.91	18.37	4.44
MRBLD1FB70_SIN		0.00	-144.15	-27.24	23.56	-26.54	5.53	5.25	42.71	-3.12	2.08	2.32	2.51	1.83	-0.10	-1.45	10.74
MRBLD1FB87_COS		-92.05	-50.30	-183.08	6.83	-50.10	-11.61	-3.84	8.61	5.43	0.22	2.53	0.99	0.76	4.30	18.14	3.71
MRBLD1FB87_SIN		0.00	-134.58	14.62	47.47	-2.23	-0.49	-3.86	-23.47	1.15	4.48	3.78	11.30	6.99	2.08	-2.44	9.15
MRBLD1FB120_COS		-476.64	-45.74	-260.61	-11.26	-11.65	-12.91	-2.90	16.22	0.15	-1.67	-2.11	-0.13	1.05	-3.24	-25.51	-5.33
MRBLD1FB120_SIN		0.00	-171.34	40.92	103.73	36.80	6.29	-0.79	-55.36	10.90	-1.30	-9.18	-9.61	-6.17	-4.39	1.65	-13.42
MRBLD1FB164_COS		-105.18	-14.05	-389.87	68.60	152.62	32.34	31.77	-24.32	0.20	5.46	2.24	4.68	7.87	4.98	11.45	3.14
MRBLD1FB164_SIN		0.00	-214.05	22.98	93.00	61.43	-32.86	-11.68	63.32	-12.16	8.81	12.22	12.99	3.64	-1.16	-0.24	10.53

RUN	POINT	Harmonics															
52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-162.60	-3.77	-231.20	56.14	131.28	25.47	11.34	-23.12	-0.01	1.55	6.21	4.37	3.18	0.18	-27.12	-2.12
MRBLD1FB180_SIN		0.00	-149.84	6.98	32.06	24.15	-34.06	-12.80	53.28	-23.89	-3.53	-0.31	11.39	-1.48	-3.45	3.45	-14.34
MRBLD1TOR51_COS		-1381.07	39.37	-30.06	61.16	-16.43	-7.52	8.40	-0.46	4.87	2.26	1.85	1.67	2.61	0.31	-7.65	1.57
MRBLD1TOR51_SIN		0.00	-33.22	-11.37	24.48	2.04	1.94	0.56	53.67	0.31	-1.42	-3.31	0.42	1.33	0.32	-4.07	-3.43
MRBLD1TOR71_COS		-238.82	47.07	-35.18	40.51	-10.91	-6.59	9.44	6.24	2.13	-0.81	0.48	0.61	1.82	1.44	-2.93	1.34
MRBLD1TOR71_SIN		0.00	-36.80	-13.25	9.28	-1.68	-0.25	2.14	43.70	2.50	-0.87	-1.96	2.53	2.68	1.52	-2.40	-1.41
MRBLD1TOR130_COS		-4.89	45.10	-13.50	26.48	2.26	-8.26	4.91	1.17	1.17	-0.05	-0.51	2.47	-0.08	-1.24	0.82	-1.77
MRBLD1TOR130_SIN		0.00	-30.40	-7.50	2.55	7.52	2.84	3.86	37.60	2.26	3.03	2.32	1.63	0.28	-0.63	-0.87	1.74
MRBLD1TOR164_COS		-207.56	32.84	49.13	5.48	-14.86	-11.30	-5.93	0.32	0.33	2.36	2.55	1.10	-0.46	0.09	-0.38	1.12
MRBLD1TOR164_SIN		0.00	-8.26	-1.69	-17.53	-11.39	6.91	4.95	15.77	0.91	1.41	2.57	2.29	0.39	-0.45	-3.81	-0.08
MRFBM1CB26P5_COS		-4790.21	-627.35	-72.10	77.36	1.47	-10.20	8.66	-7.33	3.98	-0.84	-5.13	1.22	2.06	-1.04	-1.61	4.72
MRFBM1CB26P5_SIN		0.00	-134.14	-12.59	-9.20	-21.31	-8.42	-2.27	5.04	-6.72	-1.15	-0.79	-0.77	-0.69	-0.80	-3.49	-2.19
MRFBM1FB9_COS		365.62	-21.37	198.99	-62.11	18.71	-0.39	0.57	12.23	-1.71	-1.81	-1.56	-1.62	-0.91	-0.11	0.81	-1.20
MRFBM1FB9_SIN		0.00	8.62	69.59	-55.57	6.20	-7.12	-0.43	-6.10	0.88	-0.85	-0.08	0.45	0.20	0.85	2.72	0.94
MRFBM1TOR26P5_COS		-361.47	96.27	-0.31	0.32	-0.25	0.22	-0.04	0.21	-0.05	-0.03	-0.05	-0.07	-0.02	0.00	-0.03	0.00
MRFBM1TOR26P5_SIN		0.00	-67.53	-0.37	0.37	-0.16	0.01	0.03	0.21	0.15	-0.01	0.00	-0.06	0.05	0.04	0.18	0.00

RUN	POINT	Harmonics															
52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1032.54	-1390.98	-157.89	233.96	-26.86	-24.85	-3.40	-69.40	17.77	21.20	-9.77	8.90	4.37	-9.41	-36.58	6.93
MRPC1CB33P25_SIN		0.00	-160.03	-60.76	13.38	-24.61	5.18	5.48	74.51	-25.10	11.37	-15.13	-16.54	-11.31	-11.29	-31.55	-21.15
MRPC1FB33P25_COS		2273.56	59.70	-341.07	232.64	-124.92	25.32	-7.93	-154.78	8.25	35.61	24.48	41.73	17.74	-14.23	-68.03	27.80
MRPC1FB33P25_SIN		0.00	112.79	-140.98	135.95	-63.28	52.96	20.55	137.84	-41.69	-17.29	1.75	-18.59	-11.37	-15.17	-66.39	-44.27
MRPC1TOR25P5_COS		-807.78	-28.96	26.02	-69.63	14.40	0.02	-16.94	-10.25	-6.15	-0.90	-2.27	1.14	-3.33	-2.67	1.65	1.18
MRPC1TOR25P5_SIN		0.00	88.96	-36.57	-10.46	1.71	1.27	-0.54	-52.18	-4.49	3.08	2.35	-1.84	-3.07	-1.80	-8.96	-1.51
MRPLK1LOAD_COS		-91.45	10.54	3.72	-8.01	2.16	-0.12	-1.93	-1.08	-0.74	0.17	-0.22	0.23	-0.44	-0.15	1.03	-0.01
MRPLK1LOAD_SIN		0.00	-14.63	-0.88	-2.32	0.13	0.38	-0.18	-7.41	-0.43	0.42	0.64	-0.26	-0.42	-0.53	-1.72	-0.20
PITCHRH_COS		9792.04	-8628.26	-411.57	-108.57	-37.58	-559.74	-35.33	-24.42	-48.84	105.60	264.48	-38.83	28.99	-7.99	18.71	-293.46
PITCHRH_SIN		0.00	3231.56	-510.03	40.96	78.62	-235.35	256.23	-17.21	25.87	-50.96	-310.56	-14.70	5.16	-33.31	-23.67	-236.05
ROLLRH_COS		364.51	-2712.78	507.38	-54.07	-101.20	188.27	-185.80	25.93	56.69	8.25	123.62	-14.59	41.23	-52.96	45.78	51.92
ROLLRH_SIN		0.00	-8461.47	-576.03	-59.81	205.29	-395.48	-160.98	1.21	-33.01	83.99	-46.06	-27.93	27.39	-3.46	-39.51	-499.25
TORQ_COS		30573.07	497.81	-0.31	-20.38	-42.60	130.00	-7.35	-2.60	-12.63	-0.52	35.83	3.40	2.56	-3.01	-7.57	-7.56
TORQ_SIN		0.00	497.47	-18.10	12.40	42.11	53.55	3.02	8.22	9.84	-5.44	-3.51	7.76	-7.06	7.15	-11.20	41.21
THRUST_COS		5931.36	-62.63	6.70	-1.36	6.05	-17.78	2.97	-0.62	1.56	-1.35	-4.21	5.22	-1.92	-0.08	3.43	-9.01
THRUST_SIN		0.00	-11.56	8.74	8.53	5.39	-38.14	2.80	8.31	1.27	0.85	4.72	-1.88	-0.38	0.24	2.48	30.00

RUN	POINT	Harmonics															
52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.94	-2.64	-14.12	-2.77	-34.24	20.46	10.91	-1.55	-0.96	-0.74	-5.83	0.89	-1.87	1.56	-1.40	-0.76
SIDERH_SIN		0.00	200.58	12.29	-0.44	-60.29	21.49	10.96	-0.89	2.24	-4.36	1.10	2.12	-0.93	0.29	1.02	14.96
DRAGRH_COS		-214.71	229.06	8.16	1.68	-14.68	19.91	-7.91	-0.42	1.52	-5.05	-9.69	3.80	-1.28	1.41	-0.50	12.40
DRAGRH_SIN		0.00	-71.11	16.89	-0.91	13.43	-5.57	-35.21	4.38	-0.35	1.93	26.33	-1.27	3.13	2.28	0.34	10.46

RUN	POINT	Harmonics															
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.83	0.82	0.77	-2.96	-2.46	-0.57	0.34	0.50	0.14	-0.05	-0.07	0.17	0.23	0.07	0.07	-0.05
ACT1FORCE_SIN		0.00	7.53	1.79	0.13	0.07	-0.87	-0.43	-0.06	0.02	0.15	-0.16	0.03	0.18	0.08	0.11	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.94	-17.22	-13.68	27.88	24.22	5.32	-5.16	0.00	0.01	-0.01	0.02	0.02	0.00	-0.01	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-58.03	-13.95	-2.96	-0.94	7.77	6.09	-0.03	-0.03	-0.01	0.00	0.00	0.02	0.02	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.81	17.31	13.75	-27.91	-24.27	-5.39	5.12	0.00	-0.01	0.01	-0.02	-0.01	0.00	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	58.13	13.98	3.06	1.03	-7.75	-6.14	0.01	0.02	0.00	0.01	0.00	-0.01	-0.01	0.01	0.00
MRBLD1CB42P75_COS		-4002.85	-1339.26	-88.89	226.81	-12.27	-46.46	-24.14	-80.14	31.68	27.20	-12.07	14.19	6.29	-8.67	-41.29	-0.90
MRBLD1CB42P75_SIN		0.00	-203.80	-86.73	44.23	38.18	-5.19	6.87	75.88	-19.25	29.66	-38.74	-21.43	-16.34	-17.62	-35.80	-19.02

RUN	POINT	Harmonics															
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2794.88	-665.54	256.67	167.03	33.29	-19.00	-57.31	-65.82	14.40	30.50	5.88	9.66	2.03	-3.90	-28.28	-9.89
MRBLD1CB70_SIN		0.00	-114.94	-89.90	53.14	137.51	9.19	19.11	64.55	-2.79	28.81	-30.59	-15.94	-9.51	-8.25	-24.78	-12.52
MRBLD1CB120_COS		-543.57	-183.53	413.44	127.93	38.82	45.67	-36.78	-21.16	-24.71	2.97	26.00	2.66	-4.33	-0.99	8.20	6.47
MRBLD1CB120_SIN		0.00	33.23	-132.61	-16.57	136.68	19.82	17.19	25.34	-1.04	-11.83	28.11	9.11	5.27	6.89	2.49	-2.82
MRBLD1CB164_COS		-1971.79	-66.09	140.47	7.76	-24.40	18.51	-10.38	21.49	-18.76	-1.09	14.43	4.57	1.64	-0.55	6.93	-0.74
MRBLD1CB164_SIN		0.00	58.97	-45.76	4.68	57.58	18.38	3.45	-13.16	-2.70	-23.59	28.74	12.97	5.04	3.17	16.79	12.69
MRBLD1FB42P75_COS		3099.50	77.23	-459.66	317.16	-149.05	32.30	4.91	-83.84	-10.73	27.39	35.29	27.16	7.61	-19.56	-83.18	-19.77
MRBLD1FB42P75_SIN		0.00	10.27	-88.84	97.97	-10.10	43.58	12.69	185.81	-51.91	-44.86	-33.59	-45.55	-23.65	-3.60	16.23	-39.07
MRBLD1FB70_COS		404.77	-92.34	-239.16	69.37	-63.53	4.68	4.74	-9.26	0.82	1.71	-2.96	-4.08	-1.47	2.48	17.34	3.94
MRBLD1FB70_SIN		0.00	-142.40	-25.24	27.80	-16.00	4.97	3.03	35.99	-4.04	2.18	2.79	2.92	2.12	0.49	-1.55	8.95
MRBLD1FB87_COS		-89.51	-50.78	-186.31	8.61	-48.53	-12.36	-4.35	8.08	4.41	-1.28	-0.30	-1.57	-0.06	3.82	17.00	3.17
MRBLD1FB87_SIN		0.00	-134.54	14.84	49.88	1.68	-0.47	-3.08	-20.22	2.09	5.89	8.43	11.81	7.20	3.06	-1.96	8.08
MRBLD1FB120_COS		-470.10	-43.08	-262.63	-8.85	-12.51	-9.20	-1.45	16.42	-1.47	-1.90	-1.26	0.72	1.05	-2.98	-24.13	-4.98
MRBLD1FB120_SIN		0.00	-172.50	37.96	104.23	32.91	6.88	1.56	-46.34	12.16	-1.41	-11.39	-10.27	-6.48	-5.46	1.19	-11.54
MRBLD1FB164_COS		-104.73	-13.06	-398.09	72.59	148.22	39.20	30.39	-24.18	1.90	6.76	1.46	2.88	6.82	4.07	10.15	4.12
MRBLD1FB164_SIN		0.00	-217.89	21.66	96.36	49.56	-30.84	-13.05	49.83	-15.03	9.38	15.73	13.68	3.36	-0.95	-0.33	10.07

RUN	POINT	Harmonics															
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.44	-3.99	-237.06	58.76	129.01	28.42	10.59	-22.31	2.87	3.31	3.49	-0.24	1.59	-0.59	-27.66	-4.07
MRBLD1FB180_SIN		0.00	-152.47	6.87	34.65	18.27	-33.20	-14.16	41.46	-25.82	-3.22	6.68	10.71	-1.76	-3.70	3.28	-12.59
MRBLD1TOR51_COS		-1383.08	40.04	-33.26	60.50	-15.20	-8.02	10.73	1.09	5.99	2.35	0.62	1.34	2.96	0.10	-8.07	1.12
MRBLD1TOR51_SIN		0.00	-34.16	-10.57	24.81	3.34	1.26	-4.87	46.11	0.34	-1.20	-3.35	-0.35	1.07	0.50	-4.82	-4.44
MRBLD1TOR71_COS		-239.90	46.82	-37.46	39.91	-9.99	-6.60	11.52	6.97	2.88	-0.97	-1.20	-0.55	1.79	1.25	-3.17	0.70
MRBLD1TOR71_SIN		0.00	-37.44	-12.71	9.04	-1.95	-0.26	-2.30	38.14	2.64	-0.52	-1.50	1.80	2.35	1.66	-2.83	-2.30
MRBLD1TOR130_COS		-5.71	45.75	-15.11	26.44	3.16	-7.72	6.62	2.18	2.02	0.47	0.62	2.39	0.21	-0.74	1.36	-2.12
MRBLD1TOR130_SIN		0.00	-30.81	-7.13	1.67	6.03	3.21	0.48	32.16	1.95	3.24	2.19	2.19	0.13	-0.88	-0.09	2.54
MRBLD1TOR164_COS		-207.88	33.25	49.30	4.83	-14.11	-11.95	-4.67	0.49	0.54	2.89	2.80	0.91	-0.48	0.53	0.36	0.64
MRBLD1TOR164_SIN		0.00	-8.09	-1.01	-18.50	-10.31	6.56	3.57	13.96	0.71	1.40	2.93	2.83	0.75	-0.68	-3.08	1.00
MRFBM1CB26P5_COS		-4769.36	-569.86	-78.97	78.85	1.76	-12.15	9.19	-6.48	4.43	-1.18	-2.42	1.69	1.72	-0.75	-2.01	4.33
MRFBM1CB26P5_SIN		0.00	-135.10	-12.40	-10.50	-22.21	-9.85	-4.34	3.71	-6.76	-1.13	-1.39	-0.42	-0.86	-0.62	-3.18	-1.93
MRFBM1FB9_COS		341.29	-50.68	206.84	-64.30	18.59	0.76	0.67	10.71	-2.08	-2.09	-2.07	-1.74	-0.97	-0.17	0.85	-0.77
MRFBM1FB9_SIN		0.00	27.05	67.04	-58.05	2.01	-5.46	0.66	-4.55	1.15	-0.81	0.07	0.17	0.07	0.89	2.64	1.04
MRFBM1TOR26P5_COS		-361.62	96.07	-0.32	0.31	-0.26	0.22	-0.05	0.22	-0.05	-0.06	-0.11	-0.03	-0.01	-0.01	-0.04	0.02
MRFBM1TOR26P5_SIN		0.00	-67.37	-0.39	0.36	-0.19	0.02	-0.03	0.19	0.16	-0.02	-0.01	-0.09	0.04	0.05	0.16	-0.01

RUN	POINT	Harmonics															
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1002.64	-1285.43	-174.57	240.71	-27.51	-33.31	-2.94	-63.20	22.05	20.94	-4.38	15.87	6.86	-6.95	-34.30	5.32
MRPC1CB33P25_SIN		0.00	-176.15	-58.01	14.64	-13.08	-1.48	-0.83	60.57	-25.49	11.36	-21.81	-14.48	-10.78	-12.42	-30.22	-18.65
MRPC1FB33P25_COS		2260.19	33.45	-347.88	239.36	-119.20	11.67	-2.22	-139.14	16.69	46.77	47.82	50.54	20.73	-10.51	-64.82	22.70
MRPC1FB33P25_SIN		0.00	121.25	-140.00	145.41	-35.87	42.81	9.57	108.74	-45.40	-18.59	-5.17	-12.62	-10.03	-16.46	-63.75	-38.67
MRPC1TOR25P5_COS		-805.12	-33.03	30.26	-68.93	13.10	0.25	-19.30	-11.14	-6.82	-0.01	0.39	1.60	-3.63	-1.69	3.73	0.24
MRPC1TOR25P5_SIN		0.00	89.56	-39.89	-10.96	1.29	0.70	5.02	-45.63	-5.17	3.11	1.93	-0.22	-2.88	-2.45	-6.93	0.67
MRPLK1LOAD_COS		-90.97	10.65	4.05	-7.92	1.93	-0.04	-2.25	-1.21	-0.85	0.30	0.22	0.09	-0.53	0.00	1.35	-0.26
MRPLK1LOAD_SIN		0.00	-14.24	-1.10	-2.37	0.01	0.38	0.59	-6.46	-0.49	0.50	0.68	0.08	-0.34	-0.61	-1.36	0.06
PITCHRH_COS		10334.25	-8638.60	-412.99	-101.09	-42.07	-478.57	-77.94	-10.26	-40.99	89.05	294.79	-32.85	24.54	-1.20	19.03	-332.60
PITCHRH_SIN		0.00	3202.90	-516.51	34.21	49.64	-206.08	230.93	-9.81	14.14	-66.69	-330.09	-21.25	4.88	-18.63	-14.12	-221.23
ROLLRH_COS		68.32	-2710.67	504.96	-58.59	-115.02	30.04	-166.60	32.96	71.14	7.92	140.86	-13.55	30.91	-36.08	60.75	41.77
ROLLRH_SIN		0.00	-8461.26	-574.36	-63.14	203.90	-261.26	-204.76	11.32	-28.68	26.60	-24.04	-29.03	23.91	0.08	-22.04	-463.01
TORQ_COS		31010.85	499.62	5.05	-20.98	-44.22	133.74	-6.10	-3.42	-15.14	3.58	27.81	1.28	-0.05	-2.31	-7.30	-1.97
TORQ_SIN		0.00	506.09	-12.79	14.23	33.01	56.84	4.16	10.04	11.75	-6.61	-0.63	7.70	-6.55	6.13	-10.48	43.75
THRUST_COS		5860.38	-62.78	6.72	-2.10	6.04	-10.97	2.31	-0.33	1.91	-1.72	-11.78	4.45	-1.61	-1.26	2.13	-7.25
THRUST_SIN		0.00	-9.14	9.20	9.22	5.68	-35.32	3.94	8.73	1.23	1.01	10.61	-0.20	-0.06	-0.42	2.98	27.12

RUN	POINT	Harmonics															
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.96	-2.33	-13.81	-2.42	-32.18	20.94	7.86	-1.33	-1.25	-0.42	-6.25	0.74	-1.56	1.03	-1.89	-0.36
SIDERH_SIN		0.00	199.27	12.13	-0.13	-61.45	4.18	12.47	-0.68	2.21	-1.78	0.28	2.06	-0.76	0.17	0.35	13.81
DRAGRH_COS		-211.40	228.75	8.27	1.54	-14.99	32.60	-5.66	0.58	1.37	-3.70	-11.54	3.21	-0.74	1.00	-0.79	14.00
DRAGRH_SIN		0.00	-70.97	17.26	-0.51	12.90	7.04	-31.51	3.15	-0.29	4.57	24.46	-1.09	2.28	2.04	0.00	9.23

RUN	POINT	Harmonics															
52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.81	0.87	0.57	-2.91	-2.55	-0.71	0.31	0.44	0.15	-0.01	-0.05	0.15	0.21	0.04	0.04	-0.07
ACT1FORCE_SIN		0.00	7.39	1.84	0.14	0.18	-0.84	-0.61	-0.13	0.00	0.18	-0.10	0.01	0.13	0.07	0.12	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.07	-18.18	-12.59	26.97	25.27	6.72	-5.33	-0.01	0.00	-0.02	0.01	0.01	0.00	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-58.42	-14.09	-3.01	-2.44	7.15	8.25	-0.01	-0.02	-0.01	-0.01	0.00	0.01	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.66	18.27	12.65	-27.00	-25.32	-6.79	5.28	0.01	0.00	0.02	0.00	-0.01	-0.01	0.02	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	58.51	14.12	3.11	2.55	-7.12	-8.30	-0.01	0.01	0.00	0.01	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4033.96	-1208.38	-46.69	228.33	-15.41	-50.55	-27.26	-53.34	34.21	32.22	-6.22	9.63	5.24	-8.30	-41.79	-2.14
MRBLD1CB42P75_SIN		0.00	-52.47	-75.41	31.93	38.18	-4.88	11.81	86.20	-12.96	30.18	-28.64	-32.29	-23.92	-20.07	-31.43	-22.39

RUN	POINT	Harmonics															
52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2783.92	-583.48	278.48	172.33	30.51	-27.13	-65.06	-44.43	16.92	34.64	15.06	7.58	0.19	-3.83	-29.81	-10.48
MRBLD1CB70_SIN		0.00	-19.80	-80.09	42.44	128.93	7.97	29.35	70.37	2.27	27.56	-27.61	-22.44	-13.15	-9.34	-23.85	-15.25
MRBLD1CB120_COS		-539.38	-154.80	419.98	133.15	36.22	40.69	-45.21	-7.56	-26.18	-0.43	19.42	3.38	-4.17	-0.24	8.43	6.34
MRBLD1CB120_SIN		0.00	72.69	-126.74	-25.95	131.92	19.00	28.79	23.44	-0.84	-13.51	22.58	13.36	8.53	8.34	1.75	-3.88
MRBLD1CB164_COS		-1970.50	-60.85	139.05	10.28	-28.80	15.82	-14.93	18.41	-20.71	-5.54	4.61	4.65	3.19	-0.16	8.37	0.02
MRBLD1CB164_SIN		0.00	68.91	-44.81	-0.83	57.87	18.22	6.74	-17.43	-4.66	-23.45	26.09	16.70	7.66	3.51	16.63	14.56
MRBLD1FB42P75_COS		3107.04	37.43	-429.97	313.89	-158.96	43.17	6.06	-26.73	-10.85	24.90	27.75	11.03	1.65	-18.58	-74.01	-30.04
MRBLD1FB42P75_SIN		0.00	-20.23	-94.20	62.17	32.91	53.12	22.42	170.49	-46.62	-39.40	-9.70	-44.95	-27.56	-3.92	23.70	-39.45
MRBLD1FB70_COS		402.78	-91.85	-229.18	68.83	-66.92	7.29	5.18	0.83	0.26	1.02	-2.58	-3.25	-0.71	2.71	16.28	6.10
MRBLD1FB70_SIN		0.00	-139.98	-26.72	13.74	-5.23	6.72	5.02	33.74	-3.15	2.01	2.17	2.26	2.15	0.67	-2.98	9.22
MRBLD1FB87_COS		-91.37	-49.12	-181.16	8.90	-50.83	-12.31	-4.01	3.79	4.94	-0.77	1.04	2.36	1.30	3.19	14.52	4.81
MRBLD1FB87_SIN		0.00	-133.39	14.65	41.53	5.78	-0.91	-4.27	-18.88	1.71	5.56	4.04	12.32	8.41	3.09	-3.93	7.83
MRBLD1FB120_COS		-473.07	-39.64	-257.39	-7.21	-11.88	-11.59	-3.60	1.78	-1.22	-2.08	-1.87	-1.44	0.24	-1.90	-20.32	-6.90
MRBLD1FB120_SIN		0.00	-175.45	38.34	96.85	32.48	6.06	0.09	-42.52	10.39	-1.87	-9.70	-10.08	-7.09	-5.06	4.42	-10.86
MRBLD1FB164_COS		-106.21	-7.47	-375.71	72.57	163.25	42.10	33.39	-3.95	1.20	7.03	3.12	5.93	7.36	2.57	7.17	4.37
MRBLD1FB164_SIN		0.00	-227.36	22.17	91.72	35.04	-35.04	-15.43	45.13	-13.24	8.78	12.79	13.51	3.39	-1.04	-0.66	11.26

RUN	POINT	Harmonics															
52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.57	-1.71	-223.28	56.60	138.70	30.69	12.60	-3.33	3.07	3.79	5.37	5.50	3.16	1.32	-21.80	-4.42
MRBLD1FB180_SIN		0.00	-159.38	7.97	35.17	7.92	-36.22	-14.56	38.69	-22.87	-3.61	-1.67	13.08	0.86	-2.51	5.96	-12.69
MRBLD1TOR51_COS		-1381.88	42.94	-26.91	62.28	-14.61	-8.44	8.92	12.72	7.23	2.83	1.49	1.77	3.11	0.68	-7.06	0.62
MRBLD1TOR51_SIN		0.00	-31.60	-10.27	20.17	7.46	3.98	-3.08	40.84	0.60	-0.43	-3.78	0.35	1.33	0.89	-1.60	-3.27
MRBLD1TOR71_COS		-239.26	47.70	-33.31	41.26	-8.89	-6.92	10.25	14.92	3.76	-0.62	-0.17	0.46	2.05	1.73	-2.95	0.40
MRBLD1TOR71_SIN		0.00	-36.83	-12.64	6.18	0.76	2.03	-1.07	32.73	2.45	-0.14	-2.47	2.93	2.94	2.16	-0.89	-1.21
MRBLD1TOR130_COS		-5.04	46.75	-12.27	26.62	4.72	-7.92	5.46	8.94	2.12	0.28	-0.61	2.32	-0.12	-1.27	0.23	-1.64
MRBLD1TOR130_SIN		0.00	-30.37	-6.58	0.86	6.21	4.67	1.66	28.32	1.87	3.52	2.85	1.71	-0.07	-1.38	-2.22	1.75
MRBLD1TOR164_COS		-207.13	33.79	47.44	4.72	-15.85	-12.17	-5.47	2.66	0.57	2.32	2.44	0.67	-0.95	0.18	-0.76	0.42
MRBLD1TOR164_SIN		0.00	-6.92	-0.88	-17.71	-9.36	7.37	4.30	11.84	0.38	1.01	2.03	2.85	0.88	-0.84	-4.61	-0.85
MRFBM1CB26P5_COS		-4788.89	-508.43	-60.97	76.11	3.72	-11.44	10.16	-4.35	4.37	-0.94	-4.28	0.88	2.04	-0.55	-1.70	4.12
MRFBM1CB26P5_SIN		0.00	-63.34	-8.42	-11.63	-20.37	-9.66	-5.79	4.88	-6.42	-0.78	0.27	-0.85	-1.31	-0.65	-2.08	-2.20
MRFBM1FB9_COS		349.68	-114.34	185.41	-67.16	21.31	0.45	1.25	7.75	-2.04	-2.08	-1.64	-1.74	-1.12	-0.20	0.96	-1.03
MRFBM1FB9_SIN		0.00	7.85	64.15	-49.58	-2.14	-7.09	0.22	-6.67	0.71	-1.00	-0.38	0.63	0.27	0.84	2.32	1.22
MRFBM1TOR26P5_COS		-361.60	95.48	-0.37	0.31	-0.25	0.23	-0.07	0.27	-0.04	-0.05	-0.06	-0.05	-0.01	0.00	0.02	0.03
MRFBM1TOR26P5_SIN		0.00	-68.15	-0.49	0.31	-0.18	0.00	-0.03	0.13	0.15	-0.02	-0.03	-0.08	0.05	0.05	0.20	0.00

RUN	POINT	Harmonics															
52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1030.55	-1166.72	-132.29	239.40	-29.76	-33.62	-4.59	-39.60	23.05	23.37	-5.41	10.75	6.19	-6.55	-34.08	3.60
MRPC1CB33P25_SIN		0.00	-43.53	-49.97	5.15	-6.03	-0.10	1.33	67.82	-20.79	12.45	-12.97	-22.38	-16.32	-13.81	-25.42	-21.95
MRPC1FB33P25_COS		2267.57	-0.54	-322.40	243.27	-136.76	18.27	-4.61	-88.48	14.23	42.21	29.15	38.31	19.00	-9.65	-66.33	17.37
MRPC1FB33P25_SIN		0.00	90.64	-140.10	115.24	-3.40	53.39	18.69	120.79	-40.61	-15.66	7.88	-22.85	-16.81	-16.82	-51.91	-47.82
MRPC1TOR25P5_COS		-806.29	-40.66	27.42	-70.46	10.78	0.96	-17.15	-21.81	-8.33	-1.05	-1.41	0.78	-3.75	-2.02	0.40	0.29
MRPC1TOR25P5_SIN		0.00	84.34	-40.69	-8.30	-2.50	-2.13	3.16	-39.03	-4.60	1.87	3.17	-2.37	-3.76	-3.25	-11.18	-2.38
MRPLK1LOAD_COS		-91.22	10.51	3.39	-8.09	1.64	-0.03	-1.98	-2.78	-1.06	0.15	-0.08	0.11	-0.54	-0.06	0.69	-0.29
MRPLK1LOAD_SIN		0.00	-14.54	-1.07	-1.75	-0.59	0.01	0.35	-5.49	-0.42	0.35	0.83	-0.20	-0.45	-0.71	-2.20	-0.32
PITCHRH_COS		11385.44	-8635.53	-445.52	-104.63	-49.16	-438.51	-32.18	-34.16	-51.22	86.35	253.03	-46.05	18.64	1.50	11.64	-358.34
PITCHRH_SIN		0.00	3234.88	-504.09	59.40	74.95	-23.12	279.55	-42.12	-1.07	-61.45	-307.92	-9.43	7.57	-21.41	-28.88	-209.55
ROLLRH_COS		482.34	-2726.02	487.44	-68.04	-107.54	-164.50	-173.01	20.63	77.15	29.56	117.93	-22.32	32.37	-32.51	85.97	-66.63
ROLLRH_SIN		0.00	-8463.61	-585.77	-66.76	210.34	-296.37	-170.23	-32.43	-18.47	49.35	-34.44	-34.96	27.36	-2.77	-22.48	-554.56
TORQ_COS		30560.79	505.55	1.72	-21.32	-45.72	142.87	-7.67	-4.63	-17.30	2.47	32.13	2.90	4.11	-4.04	-9.84	-3.77
TORQ_SIN		0.00	527.96	-23.26	10.50	40.39	55.90	4.00	8.25	10.42	-6.75	-6.58	7.44	-7.82	5.91	-10.51	39.55
THRUST_COS		5886.18	-64.04	7.54	-1.93	7.99	-16.01	2.70	-1.05	1.48	-2.20	-5.77	5.87	-0.83	-1.45	-0.92	-4.45
THRUST_SIN		0.00	-10.54	8.93	9.29	5.72	-39.76	2.30	9.84	1.35	1.69	2.32	-2.04	-0.20	0.37	4.60	33.27

RUN	POINT	Harmonics															
52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.04	0.56	-13.78	-1.82	-37.66	37.58	10.63	-1.50	-1.41	-1.82	-5.64	1.23	-1.65	0.88	-2.62	2.58
SIDERH_SIN		0.00	198.55	12.57	0.12	-62.92	-6.01	11.45	0.18	2.02	-2.49	0.95	2.27	-0.86	0.18	0.27	16.39
DRAGRH_COS		-204.68	228.62	10.01	1.66	-14.24	26.17	-9.71	0.46	1.30	-4.05	-8.49	3.39	-1.04	1.05	-0.03	14.82
DRAGRH_SIN		0.00	-71.43	17.22	-1.47	15.06	23.02	-33.46	3.43	1.53	2.87	24.77	-1.79	2.99	2.53	0.80	9.16

RUN	POINT	Harmonics															
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.23	1.00	0.97	-2.91	-2.46	-0.82	0.25	0.48	0.24	0.06	-0.10	0.14	0.23	0.13	0.11	-0.06
ACT1FORCE_SIN		0.00	7.21	1.78	0.30	0.29	-0.82	-0.62	-0.21	0.01	0.21	-0.04	0.01	0.11	0.07	0.10	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.84	-18.30	-16.04	27.16	24.94	6.75	-4.25	-0.01	0.00	-0.02	0.01	0.01	0.01	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-56.22	-14.03	-3.33	-3.06	6.99	8.32	-0.02	-0.02	-0.02	-0.01	0.00	0.00	-0.02	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.90	18.36	16.10	-27.19	-24.99	-6.80	4.23	0.00	0.00	0.02	0.00	-0.01	-0.01	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	56.32	14.07	3.40	3.11	-6.97	-8.35	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.02	0.00
MRBLD1CB42P75_COS		-4098.59	-1190.77	-75.95	227.20	-5.93	-40.66	-29.95	-65.70	28.53	31.61	-13.75	-1.16	2.88	-9.70	-46.28	-2.55
MRBLD1CB42P75_SIN		0.00	9.95	-83.05	28.69	43.00	2.38	13.25	76.88	-14.74	32.34	-16.69	-40.40	-23.02	-15.69	-21.96	-27.69

RUN	POINT	Harmonics															
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.46	-565.40	269.47	167.85	39.72	-13.22	-64.38	-54.85	13.27	33.15	10.94	-0.32	-1.54	-4.05	-29.56	-10.68
MRBLD1CB70_SIN		0.00	16.93	-89.05	39.69	137.95	24.71	33.28	65.12	1.36	29.75	-18.09	-26.95	-12.30	-5.72	-17.04	-18.94
MRBLD1CB120_COS		-547.88	-137.97	424.35	130.14	51.89	52.15	-44.24	-18.40	-26.10	-2.66	21.81	7.69	-4.06	-0.13	8.01	6.53
MRBLD1CB120_SIN		0.00	81.18	-137.89	-30.34	139.80	36.93	34.82	21.33	-0.52	-14.03	16.42	16.94	7.76	7.81	1.08	-3.91
MRBLD1CB164_COS		-1973.54	-55.70	142.46	8.14	-21.14	19.62	-12.84	17.36	-19.58	-6.51	6.93	8.52	2.44	-1.62	7.16	-1.72
MRBLD1CB164_SIN		0.00	70.54	-47.95	-0.42	62.16	25.89	9.91	-16.13	-4.77	-25.19	18.80	19.90	7.41	2.60	14.12	16.96
MRBLD1FB42P75_COS		3141.09	26.50	-455.92	312.27	-113.88	37.78	-0.57	-61.52	-13.94	25.94	22.81	3.04	3.07	-11.33	-62.73	-37.55
MRBLD1FB42P75_SIN		0.00	-36.20	-91.97	73.30	32.12	52.68	29.36	167.50	-42.84	-36.58	-1.91	-48.19	-28.26	0.89	45.49	-46.83
MRBLD1FB70_COS		405.30	-94.15	-240.04	67.73	-53.68	7.22	3.81	-5.58	-0.39	1.28	-2.45	-3.59	-1.25	1.41	14.38	7.82
MRBLD1FB70_SIN		0.00	-141.19	-26.63	16.96	-4.83	6.33	6.95	33.46	-2.55	2.18	2.51	2.61	2.22	-0.12	-7.33	10.89
MRBLD1FB87_COS		-91.61	-51.93	-187.79	7.43	-46.14	-12.66	-3.46	7.36	5.47	-0.74	1.89	4.46	1.14	2.05	12.26	6.59
MRBLD1FB87_SIN		0.00	-133.20	15.54	44.08	5.80	-1.79	-4.75	-18.57	1.42	5.08	2.00	13.03	8.71	2.58	-8.15	9.55
MRBLD1FB120_COS		-474.95	-44.18	-263.58	-8.83	-14.46	-12.26	-1.88	10.93	0.27	-1.66	-2.34	-2.18	1.04	0.03	-17.31	-9.29
MRBLD1FB120_SIN		0.00	-169.75	43.84	104.71	33.01	6.97	-2.51	-42.78	9.84	-2.15	-9.59	-11.07	-8.12	-5.60	9.96	-13.69
MRBLD1FB164_COS		-98.01	-15.44	-390.57	71.64	145.56	39.61	30.53	-18.62	-1.31	8.15	4.86	7.74	6.58	1.18	5.84	5.43
MRBLD1FB164_SIN		0.00	-218.82	27.49	97.87	32.99	-28.00	-11.23	45.32	-13.36	8.07	12.77	15.50	4.78	-1.10	-3.93	11.56

RUN	POINT	Harmonics															
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-157.63	-6.31	-231.50	57.80	127.01	29.43	11.52	-14.97	0.77	3.51	7.21	10.35	3.26	2.70	-17.67	-6.27
MRBLD1FB180_SIN		0.00	-154.06	9.96	35.89	5.70	-33.21	-11.70	37.56	-23.78	-3.63	-3.47	15.16	0.17	-3.23	13.49	-16.00
MRBLD1TOR51_COS		-1378.31	42.82	-33.49	62.49	-8.77	-6.48	3.70	6.04	8.28	3.50	0.90	1.40	2.79	1.53	-7.56	0.68
MRBLD1TOR51_SIN		0.00	-29.09	-11.28	17.40	9.05	8.78	-3.57	37.43	0.29	0.64	-2.58	1.04	0.78	0.85	1.37	-2.67
MRBLD1TOR71_COS		-236.34	47.12	-38.51	41.70	-4.75	-5.16	5.78	9.95	4.86	0.20	-0.20	0.78	1.74	2.40	-3.24	0.79
MRBLD1TOR71_SIN		0.00	-35.32	-13.50	3.47	1.74	6.21	-1.83	30.47	2.07	0.39	-1.91	3.86	2.26	1.83	0.36	-0.98
MRBLD1TOR130_COS		-2.51	46.11	-16.50	26.49	6.43	-6.06	1.89	4.07	2.57	0.97	-1.08	2.68	-0.48	-1.80	0.22	-1.22
MRBLD1TOR130_SIN		0.00	-28.26	-7.04	-1.50	6.08	8.51	1.73	26.47	1.71	3.54	3.02	1.27	0.08	-0.78	-3.56	0.91
MRBLD1TOR164_COS		-207.25	34.52	47.83	4.51	-12.90	-10.39	-6.47	1.38	0.56	2.40	2.92	1.93	-0.62	-0.28	-1.45	1.12
MRBLD1TOR164_SIN		0.00	-5.92	-1.37	-19.99	-8.83	8.15	4.41	11.95	0.85	0.73	1.58	2.87	1.19	0.10	-4.65	-2.32
MRFBM1CB26P5_COS		-4825.24	-502.51	-74.23	78.39	3.96	-11.38	8.82	-5.16	3.92	-0.69	-5.05	1.00	2.24	-0.50	-3.09	4.24
MRFBM1CB26P5_SIN		0.00	-35.15	-10.95	-13.47	-22.64	-11.00	-6.34	3.56	-6.68	-0.77	0.42	-1.30	-1.30	-0.42	-1.06	-2.74
MRFBM1FB9_COS		382.11	-131.74	204.82	-65.13	16.64	0.65	2.33	9.01	-1.83	-1.95	-1.29	-1.58	-1.03	-0.05	1.38	-1.17
MRFBM1FB9_SIN		0.00	-0.73	66.98	-51.94	-4.14	-7.10	-0.13	-4.99	0.70	-1.18	-0.59	1.11	0.19	0.61	1.83	1.41
MRFBM1TOR26P5_COS		-361.49	95.41	-0.34	0.32	-0.25	0.25	-0.14	0.23	-0.02	-0.06	-0.06	-0.10	-0.01	0.00	0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.39	-0.49	0.29	-0.13	0.02	-0.01	0.12	0.15	0.03	-0.01	-0.08	0.05	0.02	0.22	0.03

RUN	POINT	Harmonics															
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1081.25	-1151.49	-163.69	240.50	-20.17	-29.33	-7.89	-51.03	19.35	23.16	-11.18	4.29	5.33	-7.04	-39.08	3.66
MRPC1CB33P25_SIN		0.00	13.88	-54.28	1.48	-5.00	1.59	3.05	59.38	-21.81	13.75	-5.56	-27.91	-15.64	-10.35	-16.10	-27.22
MRPC1FB33P25_COS		2297.06	-9.30	-341.37	239.03	-100.20	13.79	-11.75	-114.33	10.30	41.09	20.72	35.09	20.17	-8.72	-78.00	19.80
MRPC1FB33P25_SIN		0.00	76.10	-140.85	123.95	5.79	51.87	21.66	104.29	-39.64	-13.36	10.99	-30.10	-15.86	-8.33	-30.13	-59.42
MRPC1TOR25P5_COS		-808.71	-42.82	36.63	-71.42	6.24	-1.04	-11.58	-15.44	-9.90	-1.70	-1.42	1.06	-3.62	-2.90	-0.81	0.92
MRPC1TOR25P5_SIN		0.00	81.78	-39.41	-4.59	-3.23	-6.69	3.68	-36.03	-3.92	0.24	2.74	-3.80	-3.05	-1.95	-13.34	-5.42
MRPLK1LOAD_COS		-91.87	10.59	4.23	-8.11	0.85	-0.26	-1.24	-1.82	-1.29	0.08	-0.04	0.36	-0.53	-0.21	0.57	-0.04
MRPLK1LOAD_SIN		0.00	-14.86	-1.07	-1.32	-0.74	-0.67	0.38	-5.10	-0.36	0.04	0.64	-0.32	-0.40	-0.45	-2.77	-0.81
PITCHRH_COS		11654.05	-8632.03	-455.50	-95.49	-49.92	-299.24	-9.00	-40.55	-47.14	84.14	221.45	-43.71	36.40	-3.19	-4.65	-393.15
PITCHRH_SIN		0.00	3226.86	-519.56	54.04	65.92	-41.80	202.23	-15.63	-2.32	-62.60	-322.98	-1.80	3.85	-5.57	-43.84	-183.67
ROLLRH_COS		688.10	-2721.69	487.01	-73.64	-110.01	-163.12	-169.33	11.07	91.19	37.44	100.53	-24.52	46.91	-26.12	59.07	-127.37
ROLLRH_SIN		0.00	-8469.89	-581.00	-69.81	219.01	-63.27	-204.05	-13.44	-16.83	69.03	-21.62	-25.71	23.21	-8.03	15.94	-678.59
TORQ_COS		29836.68	500.20	-0.25	-19.14	-52.73	122.03	-5.80	-2.30	-13.11	1.35	34.08	3.49	3.38	-2.22	-9.69	-9.32
TORQ_SIN		0.00	527.92	-16.03	13.52	49.34	54.16	7.38	12.42	13.18	-5.69	-6.71	6.76	-8.79	7.01	-13.20	35.71
THRUST_COS		5986.44	-61.87	6.98	-0.29	7.82	-15.44	1.40	1.84	1.04	-2.24	-3.12	5.59	-1.61	-0.78	-3.73	-6.83
THRUST_SIN		0.00	-12.68	7.79	8.93	4.14	-37.05	2.88	11.32	1.45	0.84	0.37	-2.79	-0.07	-0.32	0.25	39.58

RUN	POINT	Harmonics															
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.57	-0.38	-14.00	-1.91	-36.22	22.89	8.15	-0.26	-1.59	-2.09	-4.83	1.44	-2.05	0.74	-1.57	4.24
SIDERH_SIN		0.00	202.19	12.64	-0.02	-65.74	-15.88	9.29	0.25	2.16	-3.30	0.60	1.79	-0.61	0.47	-0.77	19.96
DRAGRH_COS		-201.21	228.92	10.61	1.44	-15.14	44.53	-14.33	-0.24	1.97	-3.80	-7.77	2.85	-1.16	0.80	0.32	15.69
DRAGRH_SIN		0.00	-71.35	17.78	-1.58	15.50	26.89	-25.22	0.90	1.76	2.52	27.26	-1.70	3.41	1.64	1.25	7.97

RUN	POINT	Harmonics															
52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.60	0.95	0.72	-2.90	-2.43	-0.55	0.40	0.51	0.14	-0.06	-0.05	0.18	0.24	0.11	0.07	-0.03
ACT1FORCE_SIN		0.00	7.22	1.84	0.12	-0.01	-0.88	-0.44	-0.06	0.02	0.13	-0.14	-0.01	0.18	0.07	0.10	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.82	-18.23	-12.82	28.41	24.25	5.00	-4.83	-0.01	-0.01	-0.01	0.02	0.02	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-55.96	-14.89	-3.12	-0.74	7.73	6.45	-0.01	-0.02	-0.02	-0.01	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.94	18.32	12.90	-28.44	-24.31	-5.07	4.79	0.01	0.01	0.01	-0.01	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	56.06	14.92	3.22	0.83	-7.71	-6.49	-0.01	0.02	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3977.26	-1501.52	-89.50	223.84	-15.41	-39.03	-26.34	-94.07	34.70	28.51	-21.70	13.97	3.00	-12.96	-39.98	0.05
MRBLD1CB42P75_SIN		0.00	-283.44	-94.04	48.42	22.02	-1.20	12.32	68.87	-20.03	24.02	-24.03	-24.47	-11.65	-14.90	-35.88	-17.94

RUN	POINT	Harmonics															
52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2811.67	-765.27	254.16	167.08	34.26	-3.38	-58.41	-77.93	15.68	31.06	6.24	10.46	-0.57	-6.61	-28.77	-8.11
MRBLD1CB70_SIN		0.00	-169.06	-97.34	54.23	115.04	14.75	18.44	62.60	-5.36	23.49	-18.54	-16.90	-6.14	-6.44	-22.55	-10.74
MRBLD1CB120_COS		-536.40	-220.83	408.66	129.27	37.52	63.77	-36.11	-30.44	-28.44	-2.81	28.38	2.69	-2.90	0.16	8.14	6.09
MRBLD1CB120_SIN		0.00	7.38	-138.34	-16.71	112.98	23.51	9.13	29.99	0.00	-7.14	18.89	10.68	2.80	5.75	2.09	-2.15
MRBLD1CB164_COS		-1968.94	-73.71	139.05	8.73	-23.58	26.10	-7.51	21.50	-22.88	-7.19	12.98	3.50	2.90	0.68	8.47	-0.91
MRBLD1CB164_SIN		0.00	51.87	-47.05	5.93	47.87	20.46	-2.06	-9.15	-1.22	-19.69	17.84	12.90	2.69	2.21	15.69	11.12
MRBLD1FB42P75_COS		3084.96	118.51	-460.19	313.73	-173.95	35.25	1.26	-115.26	-8.03	20.05	12.26	24.65	8.97	-19.97	-83.31	-15.37
MRBLD1FB42P75_SIN		0.00	21.45	-87.72	104.63	-32.48	40.25	22.09	195.67	-42.74	-32.47	-15.71	-46.69	-19.41	1.35	10.15	-38.06
MRBLD1FB70_COS		402.65	-94.12	-237.36	67.86	-70.45	5.93	3.92	-15.42	1.27	1.50	-2.57	-4.03	-1.79	2.42	17.06	2.89
MRBLD1FB70_SIN		0.00	-142.62	-25.14	31.02	-23.50	4.40	4.51	36.91	-3.67	2.33	3.17	2.98	1.77	-0.35	-0.26	9.19
MRBLD1FB87_COS		-90.46	-51.26	-183.08	8.75	-50.13	-11.94	-4.26	10.06	3.46	-0.37	4.50	-0.84	-0.34	4.23	17.57	2.82
MRBLD1FB87_SIN		0.00	-133.46	14.83	51.64	-1.32	-0.31	-3.24	-21.46	0.46	3.24	3.14	11.78	6.06	1.74	-0.83	7.69
MRBLD1FB120_COS		-470.98	-44.43	-259.39	-8.83	-9.48	-9.16	-0.01	25.33	-1.41	-1.39	-2.85	0.82	1.51	-3.44	-25.12	-4.96
MRBLD1FB120_SIN		0.00	-170.23	39.04	105.41	33.69	6.59	-0.92	-48.31	12.14	-1.18	-9.25	-9.83	-5.20	-3.81	-0.30	-11.04
MRBLD1FB164_COS		-107.98	-14.15	-394.77	74.34	154.09	35.51	28.81	-34.58	3.56	6.07	3.66	3.28	6.89	4.88	11.35	4.39
MRBLD1FB164_SIN		0.00	-212.10	20.31	91.70	58.27	-30.39	-12.02	52.08	-12.81	9.04	11.50	12.48	2.23	-2.09	0.31	8.87

RUN	POINT	Harmonics															
52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.85	-3.65	-234.82	59.40	131.44	26.82	8.52	-33.35	2.82	2.31	10.73	0.71	1.96	-0.72	-27.33	-3.68
MRBLD1FB180_SIN		0.00	-147.77	5.49	29.75	22.74	-32.58	-12.78	41.96	-25.79	-5.20	-2.32	11.91	-2.41	-2.89	1.97	-10.74
MRBLD1TOR51_COS		-1382.28	37.04	-32.86	59.39	-18.73	-7.55	12.43	-6.84	4.66	2.04	3.11	1.56	2.53	-0.47	-7.94	0.59
MRBLD1TOR51_SIN		0.00	-34.00	-10.95	27.45	1.47	-1.44	-0.21	48.93	-0.19	-2.62	-3.97	0.46	1.56	0.58	-5.75	-4.47
MRBLD1TOR71_COS		-239.53	45.64	-37.07	38.62	-12.88	-6.76	13.12	1.17	1.67	-0.96	1.87	0.05	1.76	0.87	-2.99	0.50
MRBLD1TOR71_SIN		0.00	-36.22	-12.70	11.29	-2.24	-2.83	1.65	41.03	2.06	-1.74	-2.53	2.32	2.53	1.53	-3.17	-2.24
MRBLD1TOR130_COS		-5.28	44.12	-14.85	25.85	1.27	-8.32	7.82	-2.72	0.97	-0.22	-0.26	2.96	0.15	-0.93	1.44	-1.71
MRBLD1TOR130_SIN		0.00	-30.04	-7.59	3.07	7.28	0.96	3.21	34.62	2.01	2.72	1.42	1.40	0.23	-0.53	1.01	2.72
MRBLD1TOR164_COS		-206.85	31.84	49.23	4.58	-15.58	-11.95	-4.36	-1.06	0.31	2.91	3.26	1.25	-0.11	0.44	0.63	1.12
MRBLD1TOR164_SIN		0.00	-8.47	-1.76	-17.58	-10.82	5.49	4.69	14.69	0.12	0.99	2.43	2.06	0.29	-0.48	-2.23	1.51
MRFBM1CB26P5_COS		-4755.18	-646.48	-78.93	78.20	-0.27	-13.87	8.97	-7.12	4.87	-1.26	-5.39	1.56	1.85	-0.91	-1.33	4.21
MRFBM1CB26P5_SIN		0.00	-174.90	-14.35	-8.93	-21.36	-9.75	-2.29	2.44	-5.76	-0.78	-1.40	-0.62	-0.55	-0.50	-3.78	-1.80
MRFBM1FB9_COS		332.46	11.11	206.02	-63.13	19.85	-0.24	0.61	12.29	-2.06	-1.76	-1.24	-1.82	-0.75	-0.05	0.68	-0.88
MRFBM1FB9_SIN		0.00	23.40	68.91	-60.12	5.80	-5.60	0.06	-3.61	0.80	-0.68	0.12	0.17	-0.04	0.89	2.65	0.80
MRFBM1TOR26P5_COS		-361.53	96.51	-0.29	0.31	-0.23	0.24	0.03	0.17	-0.06	-0.03	-0.06	-0.07	-0.02	0.01	-0.06	0.01
MRFBM1TOR26P5_SIN		0.00	-67.15	-0.33	0.42	-0.20	0.01	0.02	0.23	0.13	-0.03	0.00	-0.05	0.04	0.04	0.11	-0.03

RUN	POINT	Harmonics															
52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-980.32	-1431.20	-174.51	236.81	-33.98	-30.22	-4.22	-75.39	23.68	19.71	-15.92	15.44	5.03	-9.99	-32.81	6.16
MRPC1CB33P25_SIN		0.00	-240.64	-64.27	18.49	-22.90	1.02	5.29	55.50	-24.28	9.49	-13.37	-16.35	-7.41	-10.14	-31.25	-17.08
MRPC1FB33P25_COS		2246.51	71.91	-349.58	236.03	-133.93	15.50	-8.73	-166.82	14.28	35.10	20.51	49.40	18.59	-14.88	-59.65	24.68
MRPC1FB33P25_SIN		0.00	133.12	-137.91	150.02	-59.97	41.18	15.46	104.46	-37.74	-13.66	-5.31	-16.02	-6.13	-13.33	-66.46	-33.85
MRPC1TOR25P5_COS		-807.07	-24.21	26.33	-67.49	16.55	0.52	-22.11	-3.74	-5.78	-0.37	-4.35	2.17	-3.21	-2.46	3.94	1.65
MRPC1TOR25P5_SIN		0.00	90.25	-37.47	-12.97	1.88	4.60	0.83	-48.85	-4.09	4.56	3.25	-2.11	-2.09	-1.65	-4.63	2.21
MRPLK1LOAD_COS		-91.00	10.70	3.97	-7.81	2.49	-0.07	-2.59	-0.10	-0.68	0.25	-0.47	0.33	-0.45	-0.20	1.35	0.03
MRPLK1LOAD_SIN		0.00	-14.49	-0.99	-2.79	0.19	0.82	-0.06	-6.93	-0.36	0.67	0.70	-0.26	-0.29	-0.51	-0.85	0.37
PITCHRH_COS		9250.07	-8647.72	-392.18	-99.72	-51.58	-610.30	-64.21	-27.46	-37.39	88.40	267.72	-42.46	29.85	3.67	28.41	-276.39
PITCHRH_SIN		0.00	3206.07	-529.33	23.16	60.48	-261.02	180.16	-1.73	17.77	-44.77	-304.23	-34.47	1.26	-27.71	-7.94	-225.64
ROLLRH_COS		78.56	-2719.91	512.49	-41.47	-105.96	182.10	-127.66	41.08	59.29	-23.96	132.37	3.13	47.63	-49.35	26.93	95.35
ROLLRH_SIN		0.00	-8447.60	-562.48	-51.48	213.48	-430.04	-194.80	7.69	-24.28	57.37	-36.26	-37.66	11.69	-6.99	-43.66	-387.07
TORQ_COS		31362.94	496.25	1.61	-18.08	-36.36	134.72	-5.66	-3.25	-16.36	1.72	35.79	3.49	-0.50	-1.87	-6.32	1.03
TORQ_SIN		0.00	503.39	-11.19	11.63	41.49	53.71	5.67	14.82	8.88	-6.81	-2.88	8.98	-9.40	7.42	-10.17	43.24
THRUST_COS		5829.69	-63.67	7.27	-1.98	5.55	-14.12	0.95	-0.09	2.40	0.28	-3.42	6.18	-1.97	-0.41	5.58	-9.14
THRUST_SIN		0.00	-9.34	7.87	7.41	3.81	-34.73	4.47	11.53	1.54	-0.52	5.69	-0.64	0.01	0.30	2.43	24.25

RUN	POINT	Harmonics															
52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.10	0.90	-14.32	-3.44	-34.72	19.01	4.99	-1.43	-0.97	1.11	-6.02	-0.17	-2.04	1.50	-0.84	-1.70
SIDERH_SIN		0.00	196.01	11.76	-0.51	-59.04	21.64	11.03	-0.98	1.91	-3.47	0.95	2.61	-0.37	0.50	1.22	11.75
DRAGRH_COS		-219.27	228.60	7.84	0.80	-14.40	17.91	-6.00	-1.23	2.75	-2.95	-10.46	4.54	-0.06	0.46	-1.11	12.25
DRAGRH_SIN		0.00	-71.23	17.26	-0.58	13.64	-6.78	-26.44	2.73	-1.45	2.60	24.93	-0.19	2.32	1.84	-0.50	10.02

RUN	POINT	Harmonics															
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.80	0.86	0.84	-2.86	-2.49	-0.68	0.30	0.48	0.16	-0.02	-0.11	0.14	0.24	0.09	0.07	-0.05
ACT1FORCE_SIN		0.00	7.22	1.73	0.25	0.05	-0.78	-0.53	-0.14	0.04	0.15	-0.09	-0.02	0.14	0.08	0.11	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.87	-17.80	-15.04	27.44	24.65	6.24	-4.45	-0.01	0.00	-0.01	0.02	0.02	0.00	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-56.94	-13.24	-2.93	-1.58	6.67	7.56	-0.02	-0.02	-0.02	-0.01	0.01	0.03	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.85	17.86	15.09	-27.48	-24.71	-6.29	4.42	0.00	0.00	0.01	-0.02	-0.01	-0.01	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	57.04	13.28	2.99	1.63	-6.66	-7.60	-0.01	0.02	0.01	0.01	-0.01	-0.02	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4050.84	-1343.33	-78.77	232.04	-12.08	-40.93	-24.67	-57.09	27.77	28.99	-19.42	1.83	4.55	-8.70	-42.22	-0.88
MRBLD1CB42P75_SIN		0.00	-130.82	-84.56	44.59	33.61	-8.80	9.69	81.78	-12.54	30.73	-12.05	-34.45	-22.10	-17.73	-33.31	-22.18

RUN	POINT	Harmonics															
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2775.34	-662.29	268.44	172.08	36.51	-12.45	-63.68	-49.30	11.03	31.77	9.10	1.25	-0.05	-3.85	-29.32	-8.88
MRBLD1CB70_SIN		0.00	-78.26	-88.01	54.24	130.17	19.80	18.52	67.69	1.97	29.53	-12.81	-22.71	-12.83	-7.64	-22.54	-14.14
MRBLD1CB120_COS		-541.68	-176.62	426.87	134.88	44.00	51.78	-43.28	-12.75	-28.52	-1.59	25.20	7.45	-3.79	-1.11	8.25	6.98
MRBLD1CB120_SIN		0.00	35.21	-131.72	-21.33	127.57	37.09	12.97	24.16	-0.48	-12.95	13.02	13.73	6.94	7.07	1.70	-3.08
MRBLD1CB164_COS		-1971.45	-64.44	144.16	10.27	-24.08	19.84	-13.74	17.44	-19.54	-5.89	9.24	8.27	2.05	-0.80	8.00	-1.87
MRBLD1CB164_SIN		0.00	58.74	-45.55	3.72	52.94	28.32	0.77	-15.71	-4.59	-24.82	14.01	16.66	7.29	3.57	16.35	13.78
MRBLD1FB42P75_COS		3118.79	71.20	-457.95	328.63	-161.14	27.99	20.16	-27.85	-12.25	22.81	17.34	11.35	5.78	-16.97	-79.19	-24.75
MRBLD1FB42P75_SIN		0.00	-7.36	-90.44	96.75	-21.45	23.08	14.62	171.85	-35.74	-34.31	-1.41	-50.62	-28.60	-4.10	19.25	-44.23
MRBLD1FB70_COS		404.44	-92.73	-239.29	74.02	-67.26	4.21	7.19	-0.38	-0.18	1.11	-2.62	-4.06	-1.66	2.26	17.16	5.06
MRBLD1FB70_SIN		0.00	-140.21	-27.66	26.82	-20.65	-1.21	3.00	33.48	-1.95	2.28	3.10	2.84	2.32	0.45	-2.05	10.47
MRBLD1FB87_COS		-91.56	-50.79	-186.68	12.02	-50.77	-12.56	-4.60	3.28	4.90	-0.33	3.20	2.66	0.66	3.51	16.20	4.18
MRBLD1FB87_SIN		0.00	-130.83	12.61	49.63	-0.98	-2.41	-3.52	-19.30	-0.07	4.12	0.85	13.06	8.51	3.06	-2.95	8.58
MRBLD1FB120_COS		-473.39	-44.80	-265.77	-6.54	-14.56	-8.86	-4.25	4.97	0.00	-1.41	-1.60	-0.39	1.35	-2.23	-22.96	-6.36
MRBLD1FB120_SIN		0.00	-164.43	38.23	111.20	32.72	10.36	1.16	-42.44	9.46	-0.67	-8.29	-11.11	-7.58	-5.62	2.59	-12.53
MRBLD1FB164_COS		-98.55	-13.05	-396.94	73.26	154.79	41.21	30.19	-6.86	-1.22	5.42	3.61	5.76	7.02	3.89	9.13	3.68
MRBLD1FB164_SIN		0.00	-210.83	20.69	106.26	55.98	-18.93	-14.76	44.27	-12.11	7.35	11.64	15.36	4.94	-1.04	-1.60	10.04

RUN	POINT	Harmonics															
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-158.55	-5.39	-237.11	57.18	133.06	28.25	11.52	-7.71	-0.82	1.24	9.06	7.61	3.68	0.94	-24.45	-2.75
MRBLD1FB180_SIN		0.00	-148.15	6.27	39.02	23.02	-27.90	-15.22	37.13	-22.73	-4.54	-5.19	16.26	1.36	-2.22	4.86	-13.55
MRBLD1TOR51_COS		-1379.79	40.87	-32.38	62.61	-13.40	-6.67	7.82	10.40	5.58	2.16	2.15	1.68	3.10	0.85	-7.00	1.12
MRBLD1TOR51_SIN		0.00	-30.91	-10.08	23.21	3.70	3.05	-2.60	40.43	1.26	-0.66	-3.60	1.20	1.48	0.85	-2.87	-2.87
MRBLD1TOR71_COS		-237.75	47.21	-37.24	41.30	-8.11	-5.55	8.41	12.79	2.59	-1.04	0.96	0.50	1.83	1.72	-2.89	0.91
MRBLD1TOR71_SIN		0.00	-34.96	-12.35	7.65	-1.06	1.85	-0.49	32.44	2.80	-0.52	-2.84	3.62	2.93	1.91	-1.68	-1.00
MRBLD1TOR130_COS		-3.67	45.64	-15.47	26.55	5.01	-7.24	3.62	7.02	0.98	-0.14	-1.29	2.56	-0.08	-1.17	0.29	-1.67
MRBLD1TOR130_SIN		0.00	-28.33	-6.54	0.29	7.43	5.66	2.19	28.45	2.48	3.04	2.39	1.08	0.09	-0.89	-1.28	1.66
MRBLD1TOR164_COS		-207.70	33.55	48.85	5.00	-13.83	-11.00	-5.76	1.50	0.00	2.21	3.17	1.67	-0.56	-0.03	-0.76	1.12
MRBLD1TOR164_SIN		0.00	-7.37	-0.76	-20.62	-11.22	4.93	4.64	12.08	0.65	1.07	1.98	2.61	1.05	-0.55	-3.97	-1.05
MRFBM1CB26P5_COS		-4800.66	-572.35	-75.50	79.78	1.34	-11.60	10.72	-4.20	4.14	-0.97	-5.96	1.46	2.28	-0.59	-1.82	4.36
MRFBM1CB26P5_SIN		0.00	-99.81	-10.90	-11.63	-21.02	-13.11	-3.53	4.35	-5.98	-1.12	-0.11	-1.29	-1.03	-0.74	-3.06	-2.29
MRFBM1FB9_COS		365.40	-64.20	204.56	-67.17	18.80	-0.27	-0.25	7.97	-1.64	-1.83	-1.14	-1.69	-1.08	-0.28	0.88	-1.16
MRFBM1FB9_SIN		0.00	4.87	65.89	-59.33	4.01	-4.37	-0.05	-6.27	0.61	-1.02	-0.48	0.79	0.24	0.75	2.41	1.06
MRFBM1TOR26P5_COS		-361.41	96.07	-0.32	0.32	-0.21	0.24	-0.09	0.25	-0.05	-0.05	-0.05	-0.09	-0.02	0.00	0.01	0.00
MRFBM1TOR26P5_SIN		0.00	-67.76	-0.41	0.36	-0.16	0.05	-0.02	0.14	0.14	0.01	-0.01	-0.05	0.04	0.05	0.19	0.01

RUN	POINT	Harmonics															
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1031.56	-1289.47	-166.08	245.04	-29.16	-29.28	-0.11	-41.50	18.40	20.90	-15.39	7.42	6.41	-6.56	-34.71	5.58
MRPC1CB33P25_SIN		0.00	-108.24	-55.83	13.51	-15.57	-9.34	2.21	65.18	-19.06	12.62	-3.67	-24.00	-14.66	-12.61	-28.22	-21.77
MRPC1FB33P25_COS		2276.24	30.34	-345.39	248.69	-126.15	15.05	9.43	-89.24	8.69	38.31	16.68	41.88	22.78	-8.24	-65.15	25.04
MRPC1FB33P25_SIN		0.00	103.39	-139.69	146.36	-48.21	26.13	16.55	121.18	-33.41	-13.48	8.39	-26.77	-15.21	-15.62	-58.92	-46.67
MRPC1TOR25P5_COS		-808.12	-34.86	30.98	-70.98	11.16	-0.45	-15.97	-19.18	-6.94	-0.37	-3.32	0.96	-3.52	-2.38	0.37	1.17
MRPC1TOR25P5_SIN		0.00	85.36	-39.69	-8.61	0.24	-0.75	2.78	-38.36	-5.01	2.15	4.06	-4.04	-3.67	-2.67	-9.58	-2.56
MRPLK1LOAD_COS		-91.63	10.58	4.00	-8.17	1.63	-0.15	-1.77	-2.44	-0.83	0.24	-0.28	0.32	-0.45	-0.13	0.70	-0.02
MRPLK1LOAD_SIN		0.00	-14.72	-1.16	-2.06	-0.08	0.08	0.31	-5.46	-0.48	0.29	0.82	-0.47	-0.42	-0.64	-1.89	-0.39
PITCHRH_COS		10483.11	-8650.84	-423.89	-98.73	-50.56	-450.91	-1.62	-46.81	-49.49	117.84	252.70	-34.13	28.60	-1.21	14.14	-302.69
PITCHRH_SIN		0.00	3222.71	-529.77	31.11	74.11	-197.84	215.51	-3.27	20.48	-53.22	-304.67	-16.08	6.09	-22.60	-24.05	-251.00
ROLLRH_COS		494.66	-2704.60	511.26	-58.11	-120.42	76.31	-117.93	28.96	70.72	3.25	107.44	-12.99	39.10	-42.06	56.32	9.45
ROLLRH_SIN		0.00	-8439.44	-580.10	-61.52	198.67	-389.99	-193.91	2.12	-26.21	81.93	-27.92	-20.88	23.85	-1.45	-24.29	-512.54
TORQ_COS		30397.95	507.50	5.70	-19.71	-41.21	129.30	-6.82	-3.26	-16.19	2.42	38.12	1.20	3.41	-3.33	-8.18	-3.38
TORQ_SIN		0.00	528.43	-21.31	9.96	33.23	60.55	5.63	10.17	9.94	-6.14	-6.24	8.49	-6.58	6.31	-11.56	42.21
THRUST_COS		5931.37	-62.98	7.02	0.04	5.27	-11.51	0.39	-0.23	1.59	-1.00	-0.79	5.63	-1.60	-0.44	0.64	-8.38
THRUST_SIN		0.00	-10.55	8.57	8.04	5.02	-25.95	3.28	10.80	2.00	0.88	-1.05	-0.68	0.17	-0.01	3.32	31.65

RUN	POINT	Harmonics															
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.77	-2.77	-14.21	-3.22	-30.70	26.46	6.12	-1.02	-1.25	-0.45	-5.07	0.93	-1.84	1.21	-1.66	0.45
SIDERH_SIN		0.00	193.06	12.59	-0.08	-59.80	15.33	8.20	-0.20	2.53	-4.08	0.58	1.64	-0.69	0.39	0.48	15.50
DRAGRH_COS		-207.88	228.12	8.74	0.98	-14.19	23.59	-13.56	-0.64	1.91	-5.83	-9.76	2.54	-1.49	1.33	-0.29	12.82
DRAGRH_SIN		0.00	-70.99	18.12	-1.07	12.87	6.05	-28.81	3.09	0.21	2.26	26.25	-1.20	3.05	2.00	0.42	10.93

RUN	POINT	Harmonics															
58	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.08	1.48	1.20	-4.55	-3.10	1.00	0.20	0.28	0.10	-0.16	-0.02	0.18	0.25	0.18	0.03	-0.09
ACT1FORCE_SIN		0.00	10.33	2.02	1.19	-0.08	-2.18	-0.42	-0.21	0.21	-0.11	-0.14	-0.05	0.07	0.16	0.04	0.20
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		325.49	-22.15	-14.24	37.02	25.84	-28.29	0.05	0.01	0.00	0.03	0.05	-0.02	-0.01	-0.03	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-72.37	-11.32	-15.50	-2.31	35.38	-0.06	-0.04	-0.01	0.00	-0.01	0.02	0.05	-0.02	-0.01	0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		480.34	22.28	14.32	-37.04	-25.93	28.14	-0.04	-0.02	0.03	-0.01	-0.06	0.01	0.01	0.03	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	72.49	11.35	15.68	2.45	-35.60	0.01	0.01	0.01	0.02	0.00	-0.02	-0.05	0.02	0.01	-0.03
MRBLD1CB42P75_COS		-4005.07	-1623.72	-77.75	216.26	-0.73	-10.04	-15.00	-34.30	20.45	38.49	-38.98	-3.49	-4.02	-17.24	-44.21	-11.06
MRBLD1CB42P75_SIN		0.00	-212.96	-97.95	32.99	1.64	2.54	10.61	94.86	-16.08	28.60	-11.12	-35.99	-14.74	-11.25	-21.73	-17.32

RUN	POINT	Harmonics															
58	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2739.50	-842.88	270.41	157.44	62.11	33.79	-54.84	-28.44	8.44	40.62	-1.25	-1.66	-5.39	-10.05	-27.88	-18.70
MRBLD1CB70_SIN		0.00	-138.35	-104.92	37.01	82.96	-1.58	12.38	74.24	-1.62	23.21	-16.07	-25.13	-8.26	-4.32	-12.34	-10.44
MRBLD1CB120_COS		-552.24	-253.81	418.57	120.65	55.89	102.06	-42.14	1.77	-28.28	-9.62	37.80	11.63	0.40	1.57	6.87	4.67
MRBLD1CB120_SIN		0.00	5.05	-147.81	-33.63	82.53	-9.54	-7.88	25.95	6.30	-13.68	10.87	13.26	3.63	3.96	-0.11	-4.55
MRBLD1CB164_COS		-1984.57	-84.73	139.70	5.91	-20.77	40.84	-16.93	16.75	-19.49	-16.34	16.47	11.08	5.02	3.41	9.59	7.49
MRBLD1CB164_SIN		0.00	48.88	-47.96	3.43	35.62	5.62	-9.80	-19.00	0.69	-23.50	15.07	17.01	4.21	3.01	12.13	14.16
MRBLD1FB42P75_COS		3111.34	149.70	-473.19	316.20	-232.76	85.30	26.87	27.87	-23.93	4.18	-0.08	4.58	-2.54	-23.83	-73.37	-33.66
MRBLD1FB42P75_SIN		0.00	-6.83	-82.23	92.24	-23.27	20.97	3.70	182.59	-17.30	-19.32	8.48	-50.90	-22.18	5.07	31.07	-21.90
MRBLD1FB70_COS		402.30	-96.95	-241.68	68.04	-88.85	19.70	7.95	9.72	-0.37	2.23	-1.64	-2.94	-0.43	3.42	16.01	7.27
MRBLD1FB70_SIN		0.00	-141.92	-22.56	28.56	-22.82	-1.47	-1.43	34.15	-0.50	2.30	3.56	3.28	2.38	-1.02	-5.20	5.55
MRBLD1FB87_COS		-83.66	-53.62	-185.75	10.79	-59.50	-9.46	-5.18	-2.50	6.00	2.30	7.80	4.78	2.71	5.52	15.29	6.22
MRBLD1FB87_SIN		0.00	-132.00	16.45	51.99	-0.32	0.65	-1.86	-19.72	-2.51	0.75	-3.08	12.48	6.98	1.08	-5.18	4.29
MRBLD1FB120_COS		-475.35	-45.10	-260.04	-4.26	-9.04	-17.15	-3.75	-9.20	1.05	-3.21	-4.76	-2.64	-1.19	-5.51	-22.04	-9.31
MRBLD1FB120_SIN		0.00	-165.66	44.42	108.65	34.34	9.91	5.35	-44.12	6.29	-1.40	-5.80	-10.44	-7.11	-3.51	6.21	-6.06
MRBLD1FB164_COS		-103.10	-5.63	-389.70	81.64	185.91	21.15	28.13	15.94	-0.68	6.34	6.38	6.79	8.47	6.27	10.68	6.35
MRBLD1FB164_SIN		0.00	-206.27	29.08	86.43	52.51	-30.31	-21.04	48.75	-6.52	7.22	7.17	12.59	2.19	-1.45	-1.83	6.25

RUN	POINT	Harmonics															
58	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.49	-2.23	-232.78	60.39	149.51	20.68	9.90	10.74	-0.83	2.41	14.08	9.84	4.92	0.63	-21.81	-6.40
MRBLD1FB180_SIN		0.00	-143.16	11.64	24.25	18.21	-30.98	-17.54	41.81	-18.42	-5.80	-11.03	15.78	-2.15	-4.47	6.90	-6.50
MRBLD1TOR51_COS		-1392.09	34.55	-29.12	62.56	-18.67	5.34	8.82	17.57	3.16	2.74	3.77	2.08	2.67	0.72	-6.66	-1.86
MRBLD1TOR51_SIN		0.00	-36.51	-13.14	23.98	-0.07	11.08	0.52	42.28	0.50	-3.21	-4.70	0.94	1.49	1.06	-1.80	-2.90
MRBLD1TOR71_COS		-244.43	44.05	-34.89	40.89	-12.01	3.04	9.01	17.88	1.50	-0.15	3.45	1.61	2.37	2.10	-2.75	-0.56
MRBLD1TOR71_SIN		0.00	-39.11	-14.45	9.46	-2.75	8.64	2.33	32.59	2.26	-2.53	-3.83	2.95	2.46	1.56	-1.01	-0.96
MRBLD1TOR130_COS		-7.08	41.86	-13.57	27.35	4.89	-0.93	4.80	12.80	-0.02	0.23	-0.77	3.33	-0.01	-1.50	-0.08	0.08
MRBLD1TOR130_SIN		0.00	-33.02	-9.17	1.61	7.36	10.16	4.27	29.46	2.68	2.45	1.86	-0.13	0.36	-0.42	-0.07	2.50
MRBLD1TOR164_COS		-207.24	29.20	49.89	5.02	-17.57	-3.05	-5.02	3.84	0.88	2.63	3.72	1.77	-0.22	-0.71	-1.67	1.36
MRBLD1TOR164_SIN		0.00	-11.54	-4.07	-18.41	-11.79	11.64	6.11	11.32	0.12	0.61	1.63	1.36	-0.21	-1.54	-3.05	0.10
MRFBM1CB26P5_COS		-4657.25	-720.60	-75.63	77.40	1.74	-15.88	11.21	-3.73	2.49	-2.16	-8.23	0.89	1.71	-1.12	-3.19	3.45
MRFBM1CB26P5_SIN		0.00	-153.24	-15.47	-12.98	-19.08	-3.31	-1.31	6.35	-5.71	-0.16	0.96	-1.24	-1.32	-0.97	-3.42	-2.33
MRFBM1FB9_COS		354.23	52.67	206.03	-64.83	26.30	-5.67	-1.60	6.12	-0.73	-1.27	-0.28	-1.49	-0.62	0.29	1.26	-0.21
MRFBM1FB9_SIN		0.00	-25.23	69.25	-55.15	8.39	-6.95	0.48	-8.69	0.71	-0.53	0.24	1.16	0.40	0.93	2.10	1.31
MRFBM1TOR26P5_COS		-362.06	93.18	-0.33	0.35	-0.24	0.37	-0.02	0.27	-0.01	0.06	-0.03	-0.08	-0.01	0.05	0.03	-0.02
MRFBM1TOR26P5_SIN		0.00	-65.97	-0.32	0.38	-0.16	0.14	0.03	0.18	0.11	0.00	0.01	0.02	0.06	0.05	0.11	-0.04

RUN	POINT	Harmonics															
58	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1360.08	-1529.17	-166.79	233.68	-31.51	-8.69	5.06	-21.95	8.21	22.01	-30.42	3.08	-0.11	-13.20	-37.82	-4.35
MRPC1CB33P25_SIN		0.00	-161.53	-68.14	4.47	-34.28	9.73	2.45	77.59	-18.72	11.86	-1.05	-25.35	-10.78	-8.49	-19.13	-18.25
MRPC1FB33P25_COS		2283.05	103.72	-357.20	240.36	-183.57	62.40	18.06	-49.94	-8.47	16.74	-2.42	37.48	13.36	-20.57	-71.71	0.39
MRPC1FB33P25_SIN		0.00	114.86	-131.03	141.27	-67.47	38.81	10.62	151.08	-25.61	-12.22	4.51	-32.71	-16.02	-14.40	-45.90	-41.17
MRPC1TOR25P5_COS		-802.18	-26.09	27.79	-70.35	16.49	-9.32	-15.12	-24.41	-4.45	-1.30	-7.13	0.79	-3.44	-4.88	-2.25	2.13
MRPC1TOR25P5_SIN		0.00	109.29	-26.11	-7.38	4.18	-8.09	1.09	-38.72	-3.28	5.45	5.23	-5.41	-3.03	-2.74	-7.16	-0.05
MRPLK1LOAD_COS		-79.70	10.44	3.57	-7.93	2.52	-1.51	-1.89	-3.29	-0.55	-0.04	-0.76	0.26	-0.49	-0.65	0.04	0.30
MRPLK1LOAD_SIN		0.00	-13.28	-0.64	-2.25	0.23	-0.95	-0.11	-5.69	-0.39	0.59	0.93	-0.84	-0.36	-0.68	-1.40	0.20
PITCHRH_COS		9926.28	-8388.91	-534.51	-100.86	-78.43	-585.63	23.87	-5.66	5.28	58.58	156.11	-28.48	26.24	6.40	21.73	-340.63
PITCHRH_SIN		0.00	2047.66	-590.11	26.41	174.17	-97.85	337.25	-31.64	48.89	-100.58	-283.47	-9.26	-3.40	-42.43	2.79	-132.24
ROLLRH_COS		1843.02	-1717.84	583.54	-50.39	-21.17	126.64	-100.14	58.94	30.23	18.97	72.67	-13.32	39.09	-44.26	8.41	-103.81
ROLLRH_SIN		0.00	-8314.82	-714.28	-58.48	202.88	-719.68	-183.59	14.15	-22.31	93.06	-84.45	-14.26	1.55	-13.66	-26.10	-392.51
TORQ_COS		30270.17	325.89	7.39	-17.14	-85.14	136.16	-9.94	-1.88	-12.93	-2.53	41.84	4.72	-0.53	-1.77	-8.06	16.28
TORQ_SIN		0.00	449.61	-18.94	22.25	59.65	24.20	1.42	6.40	10.51	-7.32	-16.93	6.87	-7.44	6.83	-5.77	19.90
THRUST_COS		5897.56	-32.74	8.45	2.06	14.23	-36.70	0.07	-1.21	1.69	-1.46	6.57	5.13	-1.81	-0.86	2.81	10.90
THRUST_SIN		0.00	-57.13	7.80	7.59	6.49	-30.38	2.59	6.01	0.43	0.99	-7.34	-4.62	0.46	0.94	-1.70	28.13

RUN	POINT	Harmonics															
58	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.28	11.23	-16.13	-3.89	-73.73	45.37	4.97	-1.95	-0.41	-1.76	-4.02	1.41	-1.74	1.57	-0.40	3.96
SIDERH_SIN		0.00	221.27	15.35	0.24	-49.84	38.42	10.12	-0.69	2.71	-4.59	2.78	1.65	0.34	0.71	0.84	11.70
DRAGRH_COS		-251.03	226.50	13.06	1.20	-9.23	-6.53	-14.09	-0.09	-0.92	-2.42	-2.14	2.23	1.52	-0.05	-1.23	16.07
DRAGRH_SIN		0.00	-56.85	19.12	-0.91	20.38	-9.28	-37.92	3.11	-2.21	2.98	25.83	-2.59	2.52	2.12	-1.17	5.67

RUN	POINT	Harmonics															
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.00	0.00	-0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.39	1.19	1.25	-4.46	-2.86	1.11	0.23	0.35	0.14	-0.13	-0.09	0.13	0.24	0.15	0.12	-0.09
ACT1FORCE_SIN		0.00	10.25	1.71	1.21	0.36	-2.06	-0.41	-0.29	0.18	-0.07	-0.13	-0.01	0.05	0.15	0.01	0.21
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.79	-19.97	-14.34	36.06	23.43	-28.44	0.03	0.03	-0.01	0.03	0.04	-0.03	-0.01	-0.03	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-72.51	-9.52	-15.74	-6.68	33.61	-0.03	-0.03	-0.01	-0.01	-0.01	0.01	0.05	-0.02	-0.01	0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.00	20.09	14.41	-36.08	-23.50	28.32	-0.02	-0.04	0.04	-0.02	-0.06	0.03	0.00	0.02	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	72.63	9.55	15.88	6.80	-33.80	-0.02	0.01	0.01	0.02	0.02	-0.01	-0.04	0.02	0.02	-0.03
MRBLD1CB42P75_COS		-3928.64	-1636.87	-79.26	218.22	-22.70	-28.81	-24.64	-63.91	26.95	39.93	-19.10	0.26	-4.70	-22.12	-57.61	-13.20
MRBLD1CB42P75_SIN		0.00	-75.96	-79.07	31.48	45.89	-0.12	11.47	91.19	-23.50	22.97	-30.00	-40.20	-17.84	-11.20	-15.20	-16.80

RUN	POINT	Harmonics															
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2787.05	-850.75	266.42	154.34	30.90	16.37	-63.10	-50.71	13.83	40.31	8.88	0.06	-5.79	-12.82	-38.16	-20.15
MRBLD1CB70_SIN		0.00	-44.66	-97.14	43.50	142.06	7.87	30.81	75.93	-6.37	19.50	-30.62	-28.21	-9.25	-3.85	-7.74	-10.02
MRBLD1CB120_COS		-543.62	-253.81	415.00	115.56	36.90	88.08	-47.76	-11.48	-26.90	-4.27	29.01	7.55	-1.69	2.42	8.89	4.75
MRBLD1CB120_SIN		0.00	56.33	-145.29	-20.81	150.39	9.18	24.15	27.69	3.61	-14.52	18.64	14.54	5.82	6.48	-1.13	-6.37
MRBLD1CB164_COS		-1983.23	-83.16	139.48	2.59	-27.52	35.29	-16.53	20.45	-21.17	-10.90	10.46	9.18	4.51	4.11	15.29	8.75
MRBLD1CB164_SIN		0.00	64.84	-50.29	6.81	66.83	13.74	4.91	-16.45	1.09	-23.10	23.09	17.45	4.08	1.78	10.47	14.15
MRBLD1FB42P75_COS		3092.35	149.02	-470.16	339.72	-163.71	50.05	11.66	-37.91	-20.31	15.01	9.59	1.17	-5.15	-25.45	-77.08	-39.18
MRBLD1FB42P75_SIN		0.00	-19.17	-65.06	107.09	62.14	28.38	15.48	197.24	-36.70	-45.58	-12.27	-52.56	-19.73	15.70	56.57	-18.74
MRBLD1FB70_COS		404.88	-98.84	-240.20	74.65	-70.58	10.27	4.93	-1.55	-0.31	2.25	-1.82	-2.99	-0.30	3.61	17.09	8.41
MRBLD1FB70_SIN		0.00	-138.46	-14.79	33.99	6.75	1.47	2.42	37.10	-2.85	1.36	3.06	3.59	2.10	-2.34	-10.03	4.84
MRBLD1FB87_COS		-81.42	-54.06	-184.59	14.67	-50.65	-10.89	-4.99	3.16	4.64	0.12	5.38	4.93	2.93	5.49	15.87	7.41
MRBLD1FB87_SIN		0.00	-132.83	20.54	54.48	11.11	0.20	-2.76	-21.66	-0.42	4.78	1.64	12.55	5.98	-1.40	-11.12	3.53
MRBLD1FB120_COS		-470.71	-45.87	-260.54	-2.48	-9.43	-12.67	-0.56	6.84	1.92	-2.29	-5.48	-3.32	-1.07	-5.76	-23.64	-11.00
MRBLD1FB120_SIN		0.00	-171.54	45.72	109.69	29.80	9.55	1.54	-48.18	10.59	-0.03	-7.44	-9.87	-5.25	-0.65	14.43	-5.33
MRBLD1FB164_COS		-100.02	-8.33	-394.03	83.32	167.64	37.81	27.54	-11.70	-1.48	7.61	7.86	7.85	7.50	3.89	10.34	8.71
MRBLD1FB164_SIN		0.00	-219.19	37.68	95.44	15.69	-31.15	-19.59	51.78	-12.10	5.63	9.31	12.15	0.46	-3.80	-5.48	6.13

RUN	POINT	Harmonics															
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.23	-2.78	-234.91	62.73	139.59	30.60	6.67	-13.64	-1.43	2.53	11.02	9.24	3.14	-2.08	-25.92	-10.93
MRBLD1FB180_SIN		0.00	-152.84	17.59	32.05	-5.86	-34.38	-16.22	44.44	-23.79	-4.32	-4.74	14.95	-1.72	-1.61	16.32	-5.91
MRBLD1TOR51_COS		-1391.27	38.51	-31.35	63.78	-15.13	3.66	10.08	7.41	5.23	3.60	2.08	1.94	2.83	0.22	-8.94	-2.03
MRBLD1TOR51_SIN		0.00	-33.59	-9.28	22.93	5.64	12.57	-3.03	42.21	-1.61	-3.31	-4.08	1.10	0.84	0.37	-1.62	-4.40
MRBLD1TOR71_COS		-243.69	47.45	-36.64	41.67	-9.43	2.93	11.28	11.54	2.77	0.07	1.08	1.46	2.61	2.09	-4.12	-1.03
MRBLD1TOR71_SIN		0.00	-38.28	-11.56	7.66	-1.62	10.38	-1.08	33.04	1.16	-1.97	-2.25	3.66	2.14	1.06	-1.25	-1.93
MRBLD1TOR130_COS		-4.90	45.14	-14.69	27.69	5.69	0.33	7.29	6.56	1.14	1.77	0.10	3.43	-0.29	-1.63	0.33	-0.17
MRBLD1TOR130_SIN		0.00	-31.64	-7.18	-0.34	3.47	12.09	1.85	28.98	1.31	1.96	1.87	-0.23	-0.21	-0.50	-0.07	3.58
MRBLD1TOR164_COS		-206.60	31.57	49.49	4.27	-15.87	-5.07	-3.59	2.67	0.85	2.80	3.41	1.99	-0.52	-0.83	-2.39	0.69
MRBLD1TOR164_SIN		0.00	-8.71	-3.66	-20.02	-7.91	11.81	5.73	12.10	0.00	0.47	1.62	1.64	0.67	-0.54	-2.31	0.66
MRFBM1CB26P5_COS		-4638.95	-731.75	-76.38	79.19	0.74	-17.01	10.17	-5.94	3.03	-0.84	-6.22	1.22	1.39	-1.38	-4.42	3.33
MRFBM1CB26P5_SIN		0.00	-98.09	-8.38	-15.53	-24.04	-6.43	-6.02	5.56	-6.81	-0.36	0.40	-1.10	-1.47	-0.39	-3.02	-2.90
MRFBM1FB9_COS		347.36	56.49	207.84	-68.53	23.66	-2.39	1.06	9.26	-1.56	-2.23	-1.43	-1.66	-0.65	0.57	2.06	-0.11
MRFBM1FB9_SIN		0.00	-28.79	58.14	-61.03	-5.32	-6.02	0.82	-6.91	1.17	-0.31	0.35	1.24	0.51	1.01	2.22	1.43
MRFBM1TOR26P5_COS		-358.50	93.65	-0.42	0.41	-0.35	0.38	-0.03	0.18	0.01	-0.04	-0.05	-0.10	0.02	0.03	0.07	-0.01
MRFBM1TOR26P5_SIN		0.00	-74.57	-0.30	0.28	-0.18	0.07	0.02	0.16	0.15	-0.02	0.02	-0.01	0.07	0.04	0.13	-0.06

RUN	POINT	Harmonics															
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1230.28	-1537.76	-165.42	236.13	-39.07	-25.03	-2.62	-48.52	15.00	26.09	-15.38	4.74	-1.17	-17.46	-49.34	-6.82
MRPC1CB33P25_SIN		0.00	-38.24	-47.64	-1.84	-2.81	4.19	0.64	72.91	-26.41	6.23	-13.63	-27.94	-12.35	-7.03	-13.64	-18.80
MRPC1FB33P25_COS		2251.64	104.85	-360.34	257.38	-147.87	31.14	2.19	-106.90	3.10	38.12	16.95	36.69	9.09	-29.47	-96.77	-6.01
MRPC1FB33P25_SIN		0.00	103.90	-118.42	157.41	19.48	34.93	15.83	136.43	-39.24	-25.98	-5.10	-35.76	-15.97	-8.36	-32.99	-44.24
MRPC1TOR25P5_COS		-801.59	-24.62	23.91	-70.77	12.10	-9.86	-18.25	-15.62	-6.75	-0.86	-3.41	1.21	-4.11	-4.61	-2.77	0.93
MRPC1TOR25P5_SIN		0.00	95.10	-34.95	-3.94	1.71	-10.41	5.81	-39.49	-2.11	5.00	3.19	-5.41	-1.97	-1.08	-6.60	1.64
MRPLK1LOAD_COS		-78.64	9.47	3.84	-8.18	1.85	-1.33	-2.17	-1.81	-0.76	0.19	-0.24	0.32	-0.59	-0.60	-0.01	-0.06
MRPLK1LOAD_SIN		0.00	-15.15	-1.20	-1.94	-0.17	-1.07	0.43	-5.80	-0.12	0.54	0.76	-0.76	-0.31	-0.48	-1.56	0.50
PITCHRH_COS		9861.01	-8473.59	-499.53	-90.53	-48.07	-370.14	32.44	-11.80	2.38	20.24	163.26	-50.89	34.75	0.95	18.75	-430.33
PITCHRH_SIN		0.00	2257.72	-550.50	37.27	152.10	-18.63	344.16	-8.01	15.19	-110.22	-337.83	-15.70	1.21	-30.59	-16.97	-45.58
ROLLRH_COS		1861.62	-1944.21	546.99	-50.18	-30.15	-233.65	-103.65	12.01	77.67	33.84	88.93	-8.01	47.86	-49.32	11.73	-222.25
ROLLRH_SIN		0.00	-8401.12	-660.21	-54.15	246.40	-262.37	-150.89	-0.22	-31.35	32.76	-57.59	-37.96	18.98	-7.31	-36.76	-462.50
TORQ_COS		31323.11	319.80	11.06	-9.72	-51.36	141.46	-6.86	2.33	-15.66	-0.72	35.30	5.26	1.28	-1.73	-8.45	17.95
TORQ_SIN		0.00	478.79	-15.04	23.84	55.87	27.61	5.66	8.92	13.93	-6.61	-12.58	7.06	-7.38	7.43	-4.81	22.92
THRUST_COS		5882.36	-34.03	7.31	2.66	10.97	-24.81	-1.06	4.49	2.37	-1.01	3.10	5.10	-1.78	-1.38	5.14	13.42
THRUST_SIN		0.00	-61.99	6.71	6.12	4.71	-28.00	0.13	5.05	0.33	1.05	-0.25	-4.69	-0.81	0.60	-2.20	29.08

RUN	POINT	Harmonics															
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.32	20.34	-15.13	-3.36	-69.62	38.44	6.48	-1.19	-1.20	-2.26	-4.37	0.71	-1.94	1.67	-0.48	7.30
SIDERH_SIN		0.00	221.83	14.79	1.07	-51.99	-9.49	6.77	0.03	2.83	-1.84	2.11	2.77	-0.17	0.49	1.14	13.69
DRAGRH_COS		-257.97	227.67	11.73	0.81	-8.26	29.61	-17.18	1.82	-0.21	-0.20	-3.49	3.90	0.20	0.79	-0.81	20.17
DRAGRH_SIN		0.00	-63.17	18.13	-0.12	22.42	23.91	-35.94	4.04	-1.02	5.08	27.77	-1.50	2.35	1.61	-0.43	1.09

RUN	POINT	Harmonics															
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.94	0.17	1.13	-3.57	-2.77	-0.89	0.13	0.49	0.09	0.02	-0.04	0.26	0.33	0.23	0.17	-0.06
ACT1FORCE_SIN		0.00	9.68	1.73	1.02	0.39	-0.74	-0.30	-0.39	0.12	0.04	-0.07	0.04	0.01	0.15	0.05	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.07	-11.41	-14.12	30.32	24.87	9.61	-0.03	-0.02	-0.01	-0.02	-0.01	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-72.74	-12.43	-12.77	-2.98	8.61	-0.01	-0.03	-0.01	-0.03	0.00	0.00	0.02	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.68	11.48	14.18	-30.33	-24.92	-9.67	0.00	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	72.86	12.46	12.84	3.05	-8.59	0.00	0.01	0.00	0.02	0.00	0.00	-0.02	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4245.06	-1253.22	-105.63	240.35	-25.08	-37.21	-19.52	-83.85	34.98	34.71	-16.16	-12.57	-2.83	-16.07	-52.94	-11.27
MRBLD1CB42P75_SIN		0.00	-114.79	-98.86	38.96	24.78	8.35	16.71	102.62	-19.89	27.32	-29.13	-36.93	-23.67	-10.49	-16.47	-19.14

RUN	POINT	Harmonics															
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2786.63	-613.93	238.96	176.99	27.49	-12.05	-53.97	-60.21	14.41	36.52	8.71	-8.27	-3.60	-8.10	-34.61	-14.43
MRBLD1CB70_SIN		0.00	-69.59	-115.08	53.47	109.82	13.13	23.90	84.58	-4.11	25.84	-33.61	-22.44	-11.93	-3.77	-12.07	-11.08
MRBLD1CB120_COS		-499.90	-169.15	393.52	131.94	28.90	54.16	-39.24	-8.63	-40.59	-3.59	25.40	13.80	-1.05	2.57	8.30	5.33
MRBLD1CB120_SIN		0.00	37.48	-161.11	-18.45	104.66	8.28	5.57	26.94	1.68	-12.53	22.30	12.90	7.46	5.73	-1.51	-5.88
MRBLD1CB164_COS		-1992.31	-66.55	126.83	13.29	-27.52	22.29	-12.10	27.25	-29.95	-10.05	6.55	13.83	3.23	1.04	11.85	2.71
MRBLD1CB164_SIN		0.00	56.31	-53.51	7.90	48.40	11.40	-5.18	-19.54	-2.59	-25.20	27.97	14.21	5.14	2.61	13.38	14.56
MRBLD1FB42P75_COS		2962.27	53.42	-461.02	358.70	-205.73	63.78	10.76	-60.93	-26.81	11.66	21.87	-12.05	-9.28	-15.91	-70.23	-39.72
MRBLD1FB42P75_SIN		0.00	-11.56	-72.05	62.44	-0.62	38.62	18.95	226.45	-36.58	-47.62	-1.27	-51.11	-27.32	4.47	52.42	-26.11
MRBLD1FB70_COS		383.47	-94.75	-236.69	81.93	-81.40	12.91	7.00	-5.50	-0.53	1.67	-1.66	-2.28	0.24	2.45	16.88	9.18
MRBLD1FB70_SIN		0.00	-137.98	-14.56	19.77	-12.68	2.96	2.36	41.67	-2.78	2.24	2.66	3.45	2.77	-0.68	-8.58	6.82
MRBLD1FB87_COS		-99.44	-52.40	-180.58	19.89	-54.66	-10.42	-3.47	6.02	5.64	1.15	2.92	7.94	4.48	3.96	14.33	6.75
MRBLD1FB87_SIN		0.00	-128.50	24.54	47.83	5.05	-0.84	-4.35	-24.08	-0.47	5.65	0.08	11.32	7.58	1.34	-9.32	5.74
MRBLD1FB120_COS		-469.13	-42.58	-256.67	6.70	-6.74	-12.52	-2.27	11.35	2.03	-2.64	-5.41	-5.28	-2.27	-3.67	-21.67	-9.90
MRBLD1FB120_SIN		0.00	-161.09	54.68	104.85	37.14	7.99	1.38	-54.00	10.37	-1.72	-7.51	-8.70	-6.52	-4.35	10.40	-8.52
MRBLD1FB164_COS		-186.14	2.73	-388.20	86.13	175.80	28.69	24.34	-20.76	-1.06	10.01	8.00	10.23	8.05	2.64	9.53	7.62
MRBLD1FB164_SIN		0.00	-232.30	48.43	86.05	36.63	-33.15	-18.08	61.21	-10.65	8.16	9.62	12.11	2.07	-1.98	-4.29	7.59

RUN	POINT	Harmonics															
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-242.04	7.36	-232.17	62.41	143.19	24.69	7.34	-21.29	-3.51	3.43	6.52	12.65	2.43	-1.39	-24.32	-7.88
MRBLD1FB180_SIN		0.00	-172.36	23.42	25.61	3.12	-36.18	-16.37	53.35	-22.42	-1.15	-6.03	15.32	0.81	-4.25	10.99	-12.78
MRBLD1TOR51_COS		-1487.90	41.61	-30.53	68.60	-12.43	-11.27	0.48	2.81	6.30	2.68	0.24	0.74	2.56	1.99	-7.74	-0.81
MRBLD1TOR51_SIN		0.00	-71.43	-11.90	17.47	5.78	12.46	-4.52	45.05	1.16	0.75	-3.65	0.40	-0.25	0.39	1.11	-2.03
MRBLD1TOR71_COS		-318.22	47.49	-34.66	44.54	-5.94	-10.71	2.07	8.87	3.48	-0.77	-0.46	0.94	2.19	2.97	-2.98	0.16
MRBLD1TOR71_SIN		0.00	-73.28	-13.21	3.32	1.02	9.68	-2.81	35.03	3.59	1.39	-2.28	3.17	1.61	0.77	-0.75	-0.77
MRBLD1TOR130_COS		-79.55	47.02	-12.61	27.90	9.61	-10.60	-1.27	3.28	1.77	0.97	-0.21	2.63	-0.21	-1.85	0.52	-0.24
MRBLD1TOR130_SIN		0.00	-67.94	-7.97	-2.59	7.56	12.09	1.16	30.71	2.30	3.52	3.12	-0.24	-0.09	-0.64	-3.18	1.48
MRBLD1TOR164_COS		-259.67	32.29	51.94	1.99	-15.19	-10.22	-6.99	1.42	0.34	2.45	3.46	2.18	-0.27	-0.93	-1.90	1.51
MRBLD1TOR164_SIN		0.00	-34.38	-5.14	-20.51	-10.24	11.77	5.51	13.73	0.53	0.37	1.17	2.47	1.37	-0.69	-6.09	-2.29
MRFBM1CB26P5_COS		-4855.57	-548.28	-83.71	79.42	0.12	-12.47	8.88	-9.34	5.18	-1.31	-5.01	0.53	1.51	-0.65	-3.31	2.70
MRFBM1CB26P5_SIN		0.00	-99.22	-14.18	-15.19	-19.47	-5.91	-2.85	6.23	-6.05	-1.50	2.30	-2.33	-1.96	-0.53	-2.00	-3.39
MRFBM1FB9_COS		260.53	-32.67	208.83	-76.57	24.33	-2.37	-0.13	11.60	-1.42	-2.04	-1.34	-1.23	-0.90	0.21	1.87	-0.65
MRFBM1FB9_SIN		0.00	17.03	59.92	-54.04	4.56	-7.04	0.03	-7.26	1.53	-0.30	0.11	1.60	0.71	0.71	1.88	1.63
MRFBM1TOR26P5_COS		-364.56	92.93	-0.34	0.34	-0.25	0.22	-0.12	0.21	0.02	0.00	-0.08	-0.06	-0.01	0.04	0.06	0.01
MRFBM1TOR26P5_SIN		0.00	-65.01	-0.37	0.36	-0.14	0.10	-0.09	0.19	0.13	0.05	-0.04	-0.01	0.07	0.05	0.25	0.03

RUN	POINT	Harmonics															
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1015.14	-1190.64	-187.47	250.54	-41.27	-24.58	-0.61	-64.20	20.36	22.34	-12.79	-4.12	0.40	-11.10	-43.72	-5.56
MRPC1CB33P25_SIN		0.00	-89.31	-63.91	3.61	-17.48	11.61	6.62	82.05	-24.68	7.57	-9.92	-26.91	-17.70	-7.41	-13.14	-21.04
MRPC1FB33P25_COS		2261.70	16.54	-345.95	279.75	-166.91	38.71	1.15	-137.18	-2.20	37.31	19.90	26.27	12.79	-14.37	-89.13	1.51
MRPC1FB33P25_SIN		0.00	101.34	-121.72	123.74	-41.88	46.05	17.06	150.13	-42.07	-28.76	9.66	-42.21	-24.46	-8.83	-33.53	-50.10
MRPC1TOR25P5_COS		-717.81	-44.41	32.77	-72.42	8.08	5.45	-6.31	-12.92	-7.76	-0.87	-0.78	0.47	-3.41	-4.84	-3.41	0.84
MRPC1TOR25P5_SIN		0.00	137.03	-29.70	-2.61	-1.29	-7.78	6.10	-41.12	-4.08	0.57	3.73	-4.09	-2.01	-1.56	-14.77	-4.31
MRPLK1LOAD_COS		-81.49	9.99	3.50	-8.66	1.47	0.54	-0.76	-1.38	-1.06	0.05	0.10	0.19	-0.52	-0.58	0.19	-0.02
MRPLK1LOAD_SIN		0.00	-8.20	-0.99	-1.21	-0.52	-1.02	0.69	-6.05	-0.51	-0.11	0.87	-0.56	-0.31	-0.55	-3.11	-0.64
PITCHRH_COS		11555.64	-7905.66	-794.78	-132.20	18.91	-645.19	-129.38	-18.51	-34.11	79.42	167.96	-52.91	26.09	-7.81	0.35	-427.75
PITCHRH_SIN		0.00	2434.26	-592.20	61.42	107.21	-103.85	332.73	-2.45	-44.32	-39.25	-350.37	-42.55	-10.24	-25.79	-13.29	-157.13
ROLLRH_COS		1332.85	-1931.51	596.85	-39.28	-16.23	13.11	-156.82	24.55	67.88	-10.38	92.09	-3.56	41.78	-29.38	34.97	-124.59
ROLLRH_SIN		0.00	-7601.01	-983.11	-97.70	261.25	-579.44	-215.46	32.02	-40.41	50.95	-58.57	-30.91	15.27	-6.30	-30.98	-636.58
TORQ_COS		29567.06	443.76	-9.72	-32.42	-48.36	138.09	-6.54	8.03	-26.05	0.24	31.05	4.27	-0.07	-1.37	-9.16	8.21
TORQ_SIN		0.00	560.55	-15.68	4.65	40.66	33.53	2.64	0.98	6.74	-5.18	-17.03	7.68	-5.96	7.40	-8.10	31.70
THRUST_COS		5818.34	-10.15	7.23	-9.65	8.71	-17.67	3.01	4.82	0.33	0.55	-2.09	5.82	-2.54	-1.34	1.76	3.97
THRUST_SIN		0.00	1.20	5.03	9.12	4.25	-31.38	1.61	2.20	2.05	0.69	1.08	-1.77	1.51	1.28	-1.23	36.20

RUN	POINT	Harmonics															
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.18	-22.67	-17.82	-2.74	-49.99	28.55	9.27	-1.52	-1.39	0.09	-4.92	0.16	-2.03	0.88	-1.08	4.27
SIDERH_SIN		0.00	165.24	20.78	1.20	-51.28	27.42	11.98	-1.55	2.50	-2.34	1.94	2.32	-0.19	0.44	0.51	18.27
DRAGRH_COS		-220.18	217.44	14.80	3.06	-7.89	5.65	-1.29	-2.86	2.88	-4.53	-0.48	4.59	-0.48	2.28	-0.29	16.86
DRAGRH_SIN		0.00	-51.42	14.36	-1.09	10.47	0.88	-43.34	7.09	2.86	1.79	25.50	-0.84	3.67	2.16	0.04	6.00

RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.97	0.88	0.68	-2.82	-2.52	-0.56	0.31	0.53	0.19	-0.04	-0.04	0.14	0.24	0.11	0.05	-0.07
ACT1FORCE_SIN		0.00	7.28	1.86	0.26	0.00	-0.90	-0.57	-0.06	0.02	0.11	-0.08	-0.03	0.21	0.07	0.12	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.00	-17.24	-12.64	26.68	25.39	5.11	-5.10	-0.01	0.00	-0.01	0.02	0.02	0.01	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-56.83	-14.99	-2.89	-0.56	7.34	7.67	-0.02	-0.04	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.81	17.31	12.70	-26.71	-25.44	-5.16	5.08	0.01	0.00	0.02	-0.01	-0.01	0.00	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	56.93	15.03	2.94	0.61	-7.33	-7.71	0.01	0.03	0.01	0.01	0.00	0.00	0.00	-0.01	-0.01
MRBLD1CB42P75_COS		-4053.06	-1455.27	-100.72	235.72	-6.09	-40.88	-24.43	-81.06	28.22	23.19	-27.02	13.29	5.76	-8.89	-42.49	6.33
MRBLD1CB42P75_SIN		0.00	-228.25	-86.82	50.41	41.83	-6.61	9.62	70.36	-23.65	27.79	-29.65	-27.79	-16.21	-15.10	-30.78	-23.67

RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.02	-742.17	246.75	174.13	45.51	-14.79	-56.77	-68.15	12.77	26.51	-2.03	9.03	1.36	-4.94	-27.94	-4.00
MRBLD1CB70_SIN		0.00	-138.75	-85.95	60.56	135.34	-0.28	24.64	59.80	-5.64	26.99	-23.10	-19.00	-9.87	-6.53	-21.42	-20.39
MRBLD1CB120_COS		-568.10	-215.36	406.41	135.62	52.85	46.84	-38.53	-27.73	-24.68	1.33	32.54	2.88	-3.34	-0.40	7.74	7.01
MRBLD1CB120_SIN		0.00	14.71	-128.76	-11.39	135.75	5.98	23.18	20.71	1.53	-11.96	23.71	13.18	5.18	5.82	1.62	-2.00
MRBLD1CB164_COS		-1983.41	-74.05	136.95	12.81	-17.82	18.35	-11.25	18.50	-19.54	-1.97	18.70	3.46	1.69	0.27	7.00	-5.29
MRBLD1CB164_SIN		0.00	52.33	-43.82	7.31	57.25	11.19	5.23	-13.05	-0.37	-22.62	23.93	15.92	5.64	2.46	14.86	15.68
MRBLD1FB42P75_COS		3108.00	115.00	-465.01	337.15	-137.85	36.84	1.84	-99.83	-15.43	20.90	22.60	24.13	9.42	-16.74	-78.39	-16.43
MRBLD1FB42P75_SIN		0.00	12.72	-94.28	96.05	19.69	43.59	20.74	177.98	-43.04	-34.49	-16.34	-44.93	-22.68	-1.01	26.51	-53.78
MRBLD1FB70_COS		405.13	-88.95	-241.60	77.43	-59.71	6.50	3.96	-12.36	-0.36	0.98	-2.83	-3.87	-1.42	2.20	16.62	3.16
MRBLD1FB70_SIN		0.00	-142.06	-28.27	27.22	-8.17	3.85	4.64	34.83	-3.62	1.87	2.54	2.36	1.73	-0.01	-3.84	11.86
MRBLD1FB87_COS		-83.54	-46.90	-187.01	13.08	-47.49	-11.72	-3.72	10.05	5.74	0.43	2.85	-0.59	-0.27	3.22	15.97	2.86
MRBLD1FB87_SIN		0.00	-132.52	13.06	49.71	4.59	-1.64	-3.82	-19.42	1.36	4.41	4.71	12.23	7.10	2.55	-4.09	11.26
MRBLD1FB120_COS		-468.93	-39.69	-263.59	-6.75	-13.20	-10.68	-1.43	20.70	0.09	-1.36	-2.59	0.12	1.52	-1.66	-22.42	-3.98
MRBLD1FB120_SIN		0.00	-167.64	37.53	106.02	31.84	6.96	-0.37	-44.50	11.95	-0.64	-9.29	-9.84	-5.87	-4.69	4.30	-15.79
MRBLD1FB164_COS		-103.81	-6.56	-397.24	71.92	145.64	34.76	27.97	-29.77	0.62	6.38	3.71	3.28	6.31	3.75	9.43	2.71
MRBLD1FB164_SIN		0.00	-212.77	24.07	99.28	40.51	-24.44	-9.87	48.32	-13.73	7.80	12.80	14.06	4.30	-0.54	-1.45	12.04

RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.62	1.11	-234.47	57.39	125.96	26.35	9.23	-26.62	2.89	4.16	8.61	0.67	0.98	-0.26	-25.66	-2.50
MRBLD1FB180_SIN		0.00	-149.24	8.90	35.51	11.41	-28.92	-10.77	40.22	-24.78	-4.61	0.43	13.86	-1.42	-3.84	6.62	-18.21
MRBLD1TOR51_COS		-1383.61	40.16	-35.01	62.04	-14.33	-7.41	9.01	-3.00	5.53	2.81	1.67	0.57	2.26	0.12	-7.58	3.02
MRBLD1TOR51_SIN		0.00	-34.06	-10.96	24.78	4.69	3.36	-2.41	43.33	0.52	-0.64	-2.69	0.53	0.59	0.15	-3.55	-4.82
MRBLD1TOR71_COS		-243.11	48.22	-38.79	40.78	-9.40	-6.18	10.02	3.38	2.67	-0.05	0.66	-0.79	1.18	1.15	-3.28	1.81
MRBLD1TOR71_SIN		0.00	-36.96	-13.36	8.79	-1.68	1.85	-0.47	36.04	2.54	-0.41	-1.46	2.66	1.92	1.26	-2.12	-2.02
MRBLD1TOR130_COS		-11.02	45.97	-16.49	25.82	3.45	-7.51	5.57	-0.92	1.44	0.64	-0.01	2.95	0.03	-1.11	0.58	-2.61
MRBLD1TOR130_SIN		0.00	-31.08	-7.53	1.27	4.91	4.78	1.93	30.16	1.59	2.65	2.18	2.20	0.52	-0.78	-1.00	2.32
MRBLD1TOR164_COS		-209.57	32.43	48.75	4.25	-14.14	-10.56	-4.46	-0.39	0.49	2.74	2.96	1.41	-0.37	0.12	-0.99	0.43
MRBLD1TOR164_SIN		0.00	-9.45	-1.42	-18.98	-9.62	6.37	4.25	13.36	0.68	1.13	2.69	2.97	1.03	-0.26	-3.14	0.28
MRFBM1CB26P5_COS		-4758.59	-626.65	-82.26	79.41	1.14	-11.75	9.08	-6.12	4.30	-1.02	-3.82	1.67	1.87	-0.52	-2.78	4.88
MRFBM1CB26P5_SIN		0.00	-153.68	-13.27	-10.63	-20.64	-7.27	-4.69	3.59	-7.09	-0.81	-1.07	-0.66	-0.48	-0.51	-2.58	-0.90
MRFBM1FB9_COS		331.57	-3.96	209.46	-68.39	18.30	-0.21	1.22	10.90	-1.73	-1.70	-1.35	-1.82	-1.05	-0.15	0.93	-1.46
MRFBM1FB9_SIN		0.00	17.12	68.22	-59.63	-2.38	-5.70	0.23	-4.05	0.88	-0.90	-0.11	0.18	-0.09	0.71	2.33	0.72
MRFBM1TOR26P5_COS		-364.19	96.02	-0.31	0.31	-0.32	0.25	-0.06	0.20	-0.04	-0.03	-0.10	-0.08	-0.01	0.00	-0.01	0.02
MRFBM1TOR26P5_SIN		0.00	-68.29	-0.36	0.43	-0.22	0.01	-0.02	0.20	0.15	0.01	0.00	-0.08	0.03	0.04	0.15	-0.04

RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1194.42	-1386.30	-184.63	249.60	-26.02	-28.66	-4.65	-64.28	18.77	17.13	-16.65	14.46	6.43	-6.84	-36.49	12.22
MRPC1CB33P25_SIN		0.00	-188.12	-59.54	17.17	-6.27	0.77	1.62	56.16	-27.09	11.01	-15.03	-18.26	-10.18	-10.29	-25.07	-21.48
MRPC1FB33P25_COS		2290.71	64.09	-351.61	256.50	-116.02	15.56	-6.28	-147.28	9.56	36.87	28.47	47.90	20.62	-10.46	-70.98	37.04
MRPC1FB33P25_SIN		0.00	129.88	-142.03	147.53	-8.79	43.63	16.01	97.52	-40.93	-14.47	0.21	-14.33	-8.15	-13.07	-52.79	-44.32
MRPC1TOR25P5_COS		-795.37	-33.10	33.23	-70.03	12.68	-0.05	-16.57	-6.64	-6.64	-1.12	-2.43	3.38	-2.62	-2.00	0.77	-0.77
MRPC1TOR25P5_SIN		0.00	100.75	-35.12	-7.61	2.03	-0.99	3.06	-43.09	-4.61	2.03	1.61	-1.89	-1.85	-1.73	-7.69	0.71
MRPLK1LOAD_COS		-89.54	10.78	4.32	-7.71	1.78	0.10	-1.94	-0.47	-0.81	0.15	-0.09	0.51	-0.40	-0.11	0.81	-0.44
MRPLK1LOAD_SIN		0.00	-13.76	-0.97	-2.08	-0.04	0.06	0.26	-6.16	-0.45	0.21	0.56	-0.10	-0.18	-0.47	-1.57	0.28
PITCHRH_COS		10187.46	-8764.45	-411.86	-97.64	-57.29	-418.68	-43.49	-30.73	-22.51	52.32	244.70	-32.29	35.80	-10.46	28.85	-315.17
PITCHRH_SIN		0.00	2606.28	-498.84	40.34	55.78	-95.87	224.85	-35.38	12.88	-68.46	-283.73	-21.11	6.65	-15.38	-12.46	-163.74
ROLLRH_COS		654.72	-2132.83	499.35	-63.33	-67.55	-32.06	-172.45	17.69	97.12	11.12	118.68	-14.78	34.83	-37.62	65.48	-28.71
ROLLRH_SIN		0.00	-8611.14	-572.25	-68.39	127.64	-257.23	-175.82	-9.65	-36.19	28.53	-37.07	-15.91	38.56	-2.43	-6.18	-518.03
TORQ_COS		30331.84	488.38	6.37	-19.81	-52.31	128.41	-5.13	-6.08	-14.76	1.55	32.08	2.48	0.05	-1.20	-9.10	-4.89
TORQ_SIN		0.00	455.19	-18.04	8.80	41.44	49.84	6.71	9.21	16.94	-5.69	-3.73	7.93	-7.26	4.82	-11.49	29.06
THRUST_COS		5818.62	-61.55	6.98	-0.98	7.08	-14.22	1.62	-0.01	2.06	-0.68	-4.48	5.74	-2.04	-0.40	-0.91	-9.98
THRUST_SIN		0.00	-12.73	8.59	9.11	4.79	-34.36	3.12	10.96	1.65	1.41	2.58	-0.15	-1.15	-0.33	1.30	32.95

RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.18	-15.87	-13.33	-2.27	-34.88	30.18	7.74	-0.85	-1.63	-0.65	-5.43	0.79	-1.65	1.16	-2.09	1.50
SIDERH_SIN		0.00	214.32	11.47	0.62	-45.28	-3.95	10.99	-0.31	2.49	-1.69	1.06	1.43	-1.17	0.26	-0.02	15.43
DRAGRH_COS		-235.74	233.18	8.87	1.24	-11.41	30.05	-9.37	0.35	1.64	-1.42	-9.78	2.70	-0.51	0.71	-1.33	13.72
DRAGRH_SIN		0.00	-54.69	17.01	-0.73	13.56	9.57	-27.19	2.26	-0.54	3.98	24.77	-0.87	1.99	1.58	-0.11	7.10

RUN	POINT	Harmonics															
52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.01	-0.01	0.01	0.01	0.02	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.02	0.01	-0.03	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.78	2.64	-6.67	-4.90	-2.76	-0.59	1.03	0.40	-0.24	-0.05	0.59	0.45	0.15	-0.01	-0.31	-0.21
ACT1FORCE_SIN		0.00	10.26	4.87	1.87	-0.60	0.08	1.43	0.07	0.46	0.16	-0.70	0.20	0.37	0.17	0.08	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.77	-18.19	104.49	30.28	19.40	6.32	-8.04	0.02	-0.10	-0.05	0.14	-0.02	-0.04	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-58.37	259.68	-15.34	2.40	1.17	-11.33	0.00	0.00	0.03	0.05	0.07	0.02	-0.02	-0.02	-0.04
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.11	18.26	-105.37	-30.36	-19.26	-6.24	8.22	0.01	0.01	0.05	-0.13	0.03	0.04	0.02	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	58.52	-260.07	15.33	-1.78	-1.24	11.29	0.00	-0.06	-0.03	-0.02	-0.05	-0.02	-0.01	0.02	0.03
MRBLD1CB42P75_COS		-3986.51	-1592.60	-62.43	204.86	-34.11	-55.29	-30.79	-118.85	52.63	25.16	-34.21	10.50	5.18	-9.24	-31.26	-0.95
MRBLD1CB42P75_SIN		0.00	-152.23	-131.73	77.12	-11.40	1.79	36.42	45.81	-0.33	26.52	-26.19	-11.08	-13.76	-17.04	-31.64	-16.28

RUN	POINT	Harmonics															
52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2791.47	-825.80	287.55	140.44	7.86	-25.32	-77.20	-91.64	27.32	28.22	-6.04	5.42	2.21	-5.28	-18.72	-8.13
MRBLD1CB70_SIN		0.00	-110.01	-122.01	65.07	87.74	11.75	27.75	46.85	8.65	20.56	-20.99	-7.79	-8.43	-6.16	-21.66	-8.89
MRBLD1CB120_COS		-541.48	-245.71	449.63	107.80	-7.95	54.51	-53.18	-35.88	-38.20	-8.95	35.97	6.55	-1.82	-0.51	5.94	4.59
MRBLD1CB120_SIN		0.00	13.48	-176.21	-15.23	88.83	10.38	-5.96	19.13	-0.68	0.36	17.74	3.53	3.67	6.75	4.06	-1.08
MRBLD1CB164_COS		-1982.33	-74.48	142.26	-10.49	-44.53	24.50	-11.82	28.44	-33.25	-12.02	22.64	8.86	2.58	0.72	2.39	-1.07
MRBLD1CB164_SIN		0.00	50.46	-28.49	-1.57	37.98	19.75	-18.31	-7.16	-7.10	-9.74	21.51	6.71	3.82	2.38	15.46	9.99
MRBLD1FB42P75_COS		3076.21	141.33	-470.17	258.70	-293.83	64.02	29.55	-199.64	6.84	31.79	13.68	33.51	8.87	-15.38	-62.88	-16.32
MRBLD1FB42P75_SIN		0.00	-5.69	-124.24	179.48	-75.95	32.85	51.98	169.15	-22.76	7.82	-22.54	-43.40	-24.34	-6.96	9.85	-31.64
MRBLD1FB70_COS		399.80	-88.46	-243.59	43.95	-106.64	11.27	9.35	-30.45	3.70	1.47	-3.51	-4.17	-2.01	1.53	13.01	2.59
MRBLD1FB70_SIN		0.00	-135.28	-36.67	57.05	-39.76	2.34	11.62	33.58	-0.95	3.93	3.14	2.87	2.33	0.96	-0.24	7.49
MRBLD1FB87_COS		-89.40	-46.37	-190.53	-10.71	-65.00	-9.95	-3.93	18.11	1.89	-2.28	4.48	-2.48	0.14	3.59	13.00	2.92
MRBLD1FB87_SIN		0.00	-123.79	13.99	66.89	-8.45	-0.98	-4.74	-17.81	-1.29	-2.88	4.79	10.78	7.24	3.33	-0.70	6.71
MRBLD1FB120_COS		-471.20	-35.77	-271.37	-39.81	-3.20	-10.94	-4.94	45.81	-4.36	-0.18	-1.34	-0.08	1.50	-1.07	-17.94	-4.10
MRBLD1FB120_SIN		0.00	-156.98	64.56	120.66	35.03	9.06	-7.05	-43.35	5.88	-3.91	-8.17	-8.49	-7.58	-5.72	-1.22	-10.11
MRBLD1FB164_COS		-109.04	-41.80	-403.89	79.55	195.85	34.15	29.38	-62.79	7.40	5.75	2.81	1.36	6.66	5.04	9.04	4.27
MRBLD1FB164_SIN		0.00	-204.19	-131.55	129.92	71.79	-40.45	-9.34	46.46	-2.27	13.71	11.26	10.18	4.71	0.33	0.48	9.31

RUN	POINT	Harmonics															
52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.41	-35.31	-245.93	78.87	155.55	24.80	13.32	-59.12	6.22	1.93	10.87	-5.03	3.60	5.82	-15.52	-2.19
MRBLD1FB180_SIN		0.00	-132.59	-147.43	42.13	38.08	-45.41	-16.17	42.86	-14.27	-10.88	0.52	11.11	-0.14	-2.26	2.75	-7.81
MRBLD1TOR51_COS		-1385.32	-3.79	-1.87	101.80	-19.65	-13.81	10.86	-14.06	10.15	0.94	2.68	2.42	3.54	0.85	-5.66	-1.40
MRBLD1TOR51_SIN		0.00	-39.38	-196.04	48.91	5.98	7.81	-1.28	40.55	9.28	-0.98	-8.76	-1.08	3.50	3.12	-1.36	-3.68
MRBLD1TOR71_COS		-242.02	7.41	-9.08	80.88	-9.93	-12.80	11.39	-3.27	5.91	-1.70	1.71	0.33	2.20	1.69	-2.33	-1.09
MRBLD1TOR71_SIN		0.00	-41.31	-186.29	29.36	4.65	5.29	-0.80	36.23	9.18	-1.45	-6.19	0.37	4.19	3.86	-0.05	-1.05
MRBLD1TOR130_COS		-7.64	2.52	9.54	70.51	8.03	-14.27	6.30	-8.72	3.53	-2.17	-0.79	2.62	0.73	-0.81	-0.07	-1.25
MRBLD1TOR130_SIN		0.00	-36.10	-182.93	16.03	17.63	6.83	2.24	30.78	6.86	4.69	0.16	1.62	0.68	-0.61	-0.87	3.02
MRBLD1TOR164_COS		-205.89	2.10	66.67	36.73	-16.61	-13.96	-5.28	-3.83	1.83	2.41	1.97	0.03	0.20	0.81	0.71	2.43
MRBLD1TOR164_SIN		0.00	-12.50	-119.89	-14.28	-9.00	7.85	5.89	15.21	-0.28	-0.18	3.69	2.02	-0.65	-1.36	-3.58	0.97
MRFBM1CB26P5_COS		-4754.69	-695.14	-70.08	84.08	4.54	-15.13	12.83	-10.90	7.11	-1.38	-4.44	2.68	1.84	-0.16	-1.98	3.65
MRFBM1CB26P5_SIN		0.00	-117.58	-32.30	-0.46	-24.12	-8.33	0.93	0.40	-4.01	1.39	-1.47	-0.34	-0.62	-0.82	-2.39	-1.53
MRFBM1FB9_COS		311.85	41.99	202.96	-41.73	31.73	-2.23	-0.19	14.79	-1.72	-0.98	-1.18	-1.68	-1.03	-0.27	0.42	-0.81
MRFBM1FB9_SIN		0.00	-42.87	88.58	-72.92	17.32	-6.39	-2.39	0.65	-0.42	-1.65	0.24	-0.18	-0.05	0.76	2.09	0.79
MRFBM1TOR26P5_COS		-364.64	96.59	-0.06	0.60	-0.20	0.18	0.05	0.15	-0.03	0.02	-0.07	-0.02	-0.01	0.00	-0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.11	-1.60	0.53	-0.03	0.08	-0.01	0.16	0.22	-0.05	-0.05	-0.05	0.06	0.04	0.15	-0.08

RUN	POINT	Harmonics															
52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1097.71	-1503.49	-154.94	230.16	-50.36	-35.36	0.63	-100.14	37.11	15.81	-21.60	15.14	6.57	-6.56	-26.15	3.78
MRPC1CB33P25_SIN		0.00	-107.89	-108.84	51.32	-51.70	5.39	26.02	33.73	-8.90	17.30	-14.80	-7.80	-8.85	-11.79	-24.70	-15.61
MRPC1FB33P25_COS		2253.28	96.88	-355.07	175.19	-222.62	40.08	2.85	-221.82	17.18	23.30	24.77	52.40	22.16	-5.23	-46.51	18.14
MRPC1FB33P25_SIN		0.00	108.02	-157.55	200.53	-123.21	43.66	50.03	51.17	-15.76	22.58	-8.77	-7.40	-9.82	-15.40	-50.19	-30.40
MRPC1TOR25P5_COS		-803.67	18.68	-3.57	-117.14	14.43	8.61	-20.98	2.16	-11.09	-0.19	-4.36	0.02	-4.26	-2.92	2.27	3.21
MRPC1TOR25P5_SIN		0.00	101.83	164.06	-34.31	-5.16	-5.05	3.98	-42.67	-13.16	4.28	9.16	0.50	-5.50	-5.77	-9.31	3.84
MRPLK1LOAD_COS		-90.80	16.69	-0.09	-13.76	2.64	0.97	-2.38	0.86	-1.44	0.14	-0.38	-0.07	-0.62	-0.24	0.87	0.24
MRPLK1LOAD_SIN		0.00	-12.77	24.66	-5.66	-0.82	-0.52	0.25	-5.86	-1.81	0.46	1.62	-0.01	-0.66	-1.02	-1.66	0.87
PITCHRH_COS		8995.72	-8570.51	-414.67	-82.28	-61.27	-865.20	-102.45	27.96	30.84	104.85	213.76	-29.27	10.28	10.98	22.06	-237.51
PITCHRH_SIN		0.00	2297.77	-609.90	55.37	61.33	-236.50	212.62	9.98	34.52	-49.07	-182.69	-28.04	2.55	-41.24	13.08	-182.64
ROLLRH_COS		1621.93	-1778.95	571.29	-127.44	-96.30	358.07	-173.79	72.72	60.49	-38.03	72.27	-9.21	25.46	-19.50	45.25	72.38
ROLLRH_SIN		0.00	-8417.94	-575.96	-71.79	168.79	-867.75	-189.87	26.20	33.47	84.28	-52.96	-33.02	13.19	-5.30	17.15	-329.32
TORQ_COS		30629.13	466.32	3.03	-23.76	-67.10	184.94	-5.87	-1.53	-27.29	-0.18	34.65	-2.40	1.47	-2.66	-8.09	3.32
TORQ_SIN		0.00	481.36	-2.11	2.68	28.26	47.17	4.93	7.76	3.19	-6.41	-5.77	8.54	-7.81	6.15	-10.78	30.18
THRUST_COS		5779.09	-63.65	10.10	-4.61	8.26	-21.59	3.29	-1.16	1.67	0.24	-8.54	0.34	-0.75	-1.48	-1.68	-7.14
THRUST_SIN		0.00	-15.96	-6.22	13.38	8.72	-36.00	1.30	7.39	1.46	-1.30	5.04	2.01	-0.14	0.06	0.22	18.29

RUN	POINT	Harmonics															
52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-146.52	-23.26	-14.41	-4.03	-34.90	34.20	7.24	-2.59	-1.12	1.60	-4.03	0.79	-1.37	0.67	-1.61	-1.52
SIDERH_SIN		0.00	204.84	13.61	-1.32	-57.41	46.66	11.50	-1.58	0.55	-4.15	1.26	2.06	-0.38	0.23	-0.67	10.04
DRAGRH_COS		-226.55	227.51	11.82	2.46	-16.18	-17.87	-0.31	-1.47	-0.03	-6.02	-5.74	2.81	0.20	0.50	-1.38	11.30
DRAGRH_SIN		0.00	-46.87	18.02	-1.25	13.66	-5.38	-30.61	6.53	0.37	4.34	17.68	-1.59	1.92	2.06	-0.87	8.14

RUN	POINT	Harmonics															
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.78	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	1.26	0.00	-0.01	0.00	0.00	0.01	0.02	-0.01	0.02	0.01	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.36	2.56	-4.54	-5.43	-3.39	-0.12	1.74	0.20	-0.20	-0.16	-0.58	0.28	-0.10	-0.13	0.28	0.12
ACT1FORCE_SIN		0.00	10.40	9.02	2.13	-0.80	-0.30	-0.78	0.24	0.32	-0.18	0.32	0.25	0.52	0.33	0.09	0.24
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		338.08	-20.47	228.88	35.56	24.04	4.71	-12.76	0.11	0.00	0.02	-0.07	-0.02	-0.10	-0.08	0.01	-0.03
FA1IBVOLTAGE_SIN		0.00	-61.50	163.04	-17.68	2.45	2.20	8.69	0.01	0.09	0.02	-0.04	0.06	0.01	0.01	0.04	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		467.80	20.59	-229.79	-35.70	-23.58	-4.71	12.81	-0.08	0.00	-0.01	0.08	0.02	0.07	0.09	-0.01	0.04
FA1OBVOLTAGE_SIN		0.00	61.64	-162.90	17.75	-2.30	-2.34	-8.87	-0.05	0.01	-0.03	0.04	-0.06	-0.01	-0.02	-0.03	-0.03
MRBLD1CB42P75_COS		-3967.70	-1687.45	-60.47	212.51	-19.24	-41.20	-21.58	-94.82	36.44	23.85	-41.12	20.41	-1.23	-7.22	-21.04	-9.10
MRBLD1CB42P75_SIN		0.00	-245.56	-130.43	77.09	-3.94	14.04	31.79	65.88	1.97	27.34	-39.13	14.97	-13.27	-20.37	-24.95	-20.82

RUN	POINT	Harmonics															
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2803.20	-891.08	278.30	150.16	28.62	-20.01	-60.43	-71.52	18.72	25.36	-5.01	13.83	-3.31	-1.74	-12.40	-15.22
MRBLD1CB70_SIN		0.00	-154.52	-125.35	69.48	95.14	16.98	24.47	57.42	10.75	25.77	-23.23	7.39	-8.09	-8.75	-16.65	-13.58
MRBLD1CB120_COS		-540.93	-278.85	420.59	117.33	12.23	48.82	-35.64	-18.40	-25.13	-5.50	36.74	0.98	1.58	0.65	5.77	6.06
MRBLD1CB120_SIN		0.00	12.64	-181.34	-9.47	91.22	7.73	-5.60	28.51	0.02	-3.55	29.67	-8.22	4.47	6.46	4.94	-1.52
MRBLD1CB164_COS		-1982.88	-84.02	147.83	-6.02	-34.81	22.99	-10.48	28.20	-20.47	-6.39	19.14	4.46	7.98	-0.42	0.42	2.35
MRBLD1CB164_SIN		0.00	52.45	-29.80	4.72	35.65	14.07	-16.06	-8.83	-5.37	-15.91	25.21	-3.36	4.21	2.63	10.21	13.97
MRBLD1FB42P75_COS		3070.12	170.55	-463.32	273.94	-274.98	83.09	37.09	-118.18	10.21	22.60	-12.22	47.57	3.84	-17.79	-35.07	-28.47
MRBLD1FB42P75_SIN		0.00	4.49	-118.98	157.41	-93.11	35.82	36.93	193.50	-24.89	-15.38	-21.72	-33.65	-24.91	-19.36	-1.50	-27.31
MRBLD1FB70_COS		396.29	-88.57	-238.96	48.47	-101.11	16.88	11.41	-15.82	4.37	1.31	-3.29	-3.73	-1.20	1.50	7.86	6.19
MRBLD1FB70_SIN		0.00	-143.87	-34.72	50.87	-44.12	4.23	8.87	36.99	-1.42	2.94	3.34	2.86	2.78	2.69	1.40	6.81
MRBLD1FB87_COS		-91.81	-44.99	-183.51	-8.18	-63.20	-8.65	-4.88	10.35	1.37	-1.30	10.19	-6.81	1.89	4.39	7.01	4.86
MRBLD1FB87_SIN		0.00	-131.77	16.32	65.03	-9.31	0.83	-3.36	-20.18	-1.22	0.82	4.73	7.26	6.82	5.98	2.00	6.05
MRBLD1FB120_COS		-470.50	-33.17	-248.57	-36.35	-3.72	-14.07	-8.07	24.90	-4.87	0.56	-3.12	1.29	-1.76	-1.56	-9.05	-6.92
MRBLD1FB120_SIN		0.00	-169.74	64.14	118.02	34.25	7.77	-3.09	-48.32	6.37	-2.78	-8.88	-6.98	-7.52	-9.12	-4.04	-8.54
MRBLD1FB164_COS		-116.14	-25.60	-449.16	80.86	178.37	14.59	36.07	-31.68	8.80	2.67	4.30	-0.96	11.35	6.88	2.34	2.01
MRBLD1FB164_SIN		0.00	-205.63	-110.90	105.23	78.37	-46.09	-13.11	56.56	-2.91	12.55	9.80	5.06	3.49	3.91	4.06	8.74

RUN	POINT	Harmonics															
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.85	-28.67	-301.80	78.50	144.89	8.71	15.55	-29.33	7.92	1.02	22.85	-12.03	4.37	6.11	-3.74	-3.30
MRBLD1FB180_SIN		0.00	-128.55	-125.52	24.96	45.00	-41.64	-17.32	50.50	-12.82	-5.20	-0.10	0.99	-3.21	-5.34	-2.74	-9.31
MRBLD1TOR51_COS		-1381.87	-2.05	-89.47	105.97	-16.23	-9.26	6.92	-2.29	7.97	1.31	4.41	0.99	2.17	0.63	-0.91	2.40
MRBLD1TOR51_SIN		0.00	-23.73	-184.75	26.59	6.84	6.10	2.45	48.43	6.66	-3.44	-1.52	-2.26	3.79	1.57	-1.13	-2.23
MRBLD1TOR71_COS		-240.13	10.27	-92.09	83.64	-7.91	-9.78	6.96	5.23	4.38	-1.41	3.90	-1.19	1.21	1.20	1.23	2.33
MRBLD1TOR71_SIN		0.00	-26.61	-175.66	8.52	5.40	3.19	2.89	41.24	6.85	-2.95	0.44	-1.71	4.55	2.91	-0.36	-0.32
MRBLD1TOR130_COS		-5.98	5.01	-74.56	71.00	8.95	-12.35	3.40	-0.30	2.99	-1.39	-0.68	2.09	0.48	-0.84	-0.84	-2.04
MRBLD1TOR130_SIN		0.00	-20.83	-170.78	-3.46	18.68	4.93	5.00	35.77	5.76	2.72	1.47	3.42	0.80	-0.37	-1.53	1.59
MRBLD1TOR164_COS		-205.31	1.39	6.98	36.63	-14.80	-12.67	-7.16	0.01	1.75	2.03	3.29	-0.61	1.18	2.40	-0.22	-1.81
MRBLD1TOR164_SIN		0.00	-1.56	-113.11	-24.75	-7.36	9.49	6.87	15.35	0.77	1.56	3.48	0.98	-1.93	-0.89	-2.07	-0.97
MRFBM1CB26P5_COS		-4744.29	-741.25	-67.99	83.62	3.44	-11.97	11.15	-9.89	4.51	-0.90	-7.13	2.48	2.11	-0.19	-0.40	3.76
MRFBM1CB26P5_SIN		0.00	-170.72	-30.81	-0.89	-22.41	-5.34	0.62	3.04	-4.35	-0.25	-4.42	0.74	-1.04	-1.21	-1.44	-1.89
MRFBM1FB9_COS		317.26	75.25	194.07	-47.01	28.82	-3.58	-1.18	12.41	-1.86	-1.38	-0.93	-1.46	-0.93	-0.69	0.01	-0.65
MRFBM1FB9_SIN		0.00	-28.42	84.36	-69.87	17.74	-7.55	-2.39	-3.32	-0.40	-1.08	1.00	-1.03	0.13	0.82	1.21	1.21
MRFBM1TOR26P5_COS		-364.53	96.83	-0.65	0.59	-0.18	0.22	-0.03	0.22	-0.03	0.04	-0.02	0.00	-0.03	-0.01	-0.03	0.02
MRFBM1TOR26P5_SIN		0.00	-67.52	-1.48	0.44	-0.02	0.09	0.00	0.17	0.19	-0.06	0.06	-0.05	0.08	0.01	0.14	0.00

RUN	POINT	Harmonics															
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1081.82	-1586.13	-152.81	235.55	-40.84	-21.30	4.38	-78.28	24.43	16.50	-31.19	22.07	2.52	-4.53	-15.32	-2.46
MRPC1CB33P25_SIN		0.00	-191.37	-106.39	46.37	-48.12	15.59	20.51	54.00	-7.26	13.06	-24.98	9.02	-9.46	-15.54	-17.97	-20.01
MRPC1FB33P25_COS		2246.55	123.00	-346.55	191.50	-202.54	54.20	14.72	-168.89	20.15	28.58	6.11	56.59	19.64	3.29	-20.79	7.23
MRPC1FB33P25_SIN		0.00	118.87	-153.70	186.70	-133.12	51.55	39.73	101.30	-16.02	0.80	-23.33	9.48	-13.91	-24.31	-33.22	-40.20
MRPC1TOR25P5_COS		-807.65	21.34	87.09	-119.79	12.89	3.65	-15.17	-8.11	-8.88	-1.14	-7.07	1.78	-3.62	-1.82	-1.62	-4.01
MRPC1TOR25P5_SIN		0.00	86.01	153.44	-10.70	-5.85	-2.44	-0.47	-49.19	-9.51	6.51	-1.59	4.91	-6.33	-4.03	-7.47	-1.47
MRPLK1LOAD_COS		-91.37	16.29	12.10	-14.22	2.30	0.36	-1.70	-0.78	-1.20	0.01	-0.82	0.06	-0.44	-0.11	0.27	-0.68
MRPLK1LOAD_SIN		0.00	-15.30	23.18	-2.50	-0.86	-0.15	-0.25	-6.76	-1.30	0.83	0.14	0.46	-0.75	-0.58	-1.46	-0.18
PITCHRH_COS		8478.64	-8561.08	-453.02	-52.75	-55.61	-796.48	-74.07	13.52	15.18	123.36	279.06	-26.33	10.64	-17.79	25.54	-118.09
PITCHRH_SIN		0.00	2309.81	-595.38	44.94	53.84	-344.63	191.26	23.40	49.73	-18.08	-185.21	-15.06	-16.79	-53.52	9.12	-132.58
ROLLRH_COS		1264.57	-1793.38	564.58	-111.11	-86.98	483.60	-118.69	56.79	43.08	-37.26	135.28	-28.35	44.27	-78.44	38.11	-43.02
ROLLRH_SIN		0.00	-8428.25	-604.61	-41.38	148.43	-794.55	-188.60	44.42	11.42	102.27	-11.84	-24.08	-0.70	13.99	17.56	-207.93
TORQ_COS		30812.81	478.93	14.85	-28.82	-81.74	161.96	-9.21	3.55	-13.41	-1.46	45.92	-2.56	1.25	-1.98	-8.71	-1.79
TORQ_SIN		0.00	484.71	-5.16	2.23	18.27	27.87	1.88	5.02	-1.67	-4.91	4.53	9.95	-7.22	4.86	-9.98	41.00
THRUST_COS		5788.42	-66.40	2.59	-2.75	12.36	-31.87	3.58	0.62	1.41	-1.49	1.95	0.45	-1.52	1.08	-3.23	3.21
THRUST_SIN		0.00	-14.54	-5.46	16.21	9.41	-39.17	-0.06	4.18	1.02	-0.13	9.22	1.27	1.09	0.61	1.37	22.54

RUN	POINT	Harmonics															
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.81	-26.74	-13.45	-5.02	-32.72	19.77	8.25	-2.34	-1.18	1.63	-6.82	1.64	-1.97	2.63	-1.07	1.72
SIDERH_SIN		0.00	199.42	13.50	-1.07	-47.04	54.75	9.71	-1.62	1.27	-4.98	-0.66	2.13	0.12	-0.37	-0.72	6.55
DRAGRH_COS		-229.90	226.34	10.82	2.31	-13.99	-10.48	-2.10	-1.81	-0.29	-6.11	-9.10	3.41	0.59	1.60	-1.64	5.11
DRAGRH_SIN		0.00	-46.84	16.14	-1.60	10.18	-15.83	-33.09	5.87	-0.91	1.74	16.08	-2.51	2.88	2.38	-0.71	6.93

RUN	POINT	Harmonics															
52	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	1.31	0.00	0.00	0.00	0.00	0.02	-0.01	-0.01	0.02	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.71	0.00	-0.01	0.00	0.00	0.01	0.02	0.00	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.66	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.53	2.18	-0.42	-5.32	-3.62	-0.29	-0.23	0.88	-0.40	-0.30	0.71	0.10	0.24	0.09	-0.31	0.10
ACT1FORCE_SIN		0.00	9.96	10.36	2.83	-0.45	-0.62	-1.81	0.29	0.39	-0.03	0.15	0.19	0.44	0.44	0.31	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.69	-19.86	286.75	33.22	22.60	5.76	6.95	0.16	0.13	0.04	0.06	0.02	-0.10	-0.06	-0.05	0.05
FA1IBVOLTAGE_SIN		0.00	-58.97	24.25	-23.39	1.03	2.29	15.70	-0.13	0.00	-0.10	0.15	0.06	0.06	0.06	0.03	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.20	20.00	-287.43	-33.39	-22.38	-5.86	-7.00	-0.14	-0.03	-0.03	-0.05	-0.02	0.11	0.05	0.04	-0.06
FA1OBVOLTAGE_SIN		0.00	59.10	-23.89	23.50	-1.44	-2.44	-15.83	0.07	-0.05	0.08	-0.14	-0.05	-0.05	-0.08	-0.02	-0.01
MRBLD1CB42P75_COS		-3998.99	-1542.50	-91.69	250.80	-25.30	-41.53	-5.66	-94.82	36.50	20.07	-21.34	22.56	-2.84	-14.50	-28.38	-9.98
MRBLD1CB42P75_SIN		0.00	-258.61	-120.16	79.34	38.89	1.46	34.42	73.32	-9.05	29.59	-53.59	-16.33	-17.76	-21.66	-26.60	-22.30

RUN	POINT	Harmonics															
52	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2780.03	-801.97	253.28	179.49	27.89	-42.43	-39.13	-74.14	17.24	21.51	1.58	14.80	-3.59	-6.65	-20.64	-16.87
MRBLD1CB70_SIN		0.00	-157.52	-120.48	83.63	135.67	-14.61	41.82	58.29	4.67	30.29	-42.58	-13.24	-9.01	-8.20	-15.58	-14.92
MRBLD1CB120_COS		-555.70	-244.09	397.23	141.24	32.09	7.81	-24.45	-22.25	-27.75	-0.27	33.32	-0.48	1.46	1.26	6.34	4.66
MRBLD1CB120_SIN		0.00	11.24	-173.59	5.60	138.79	-30.86	23.05	21.36	-0.01	-8.40	39.20	8.40	6.33	8.70	4.32	-3.63
MRBLD1CB164_COS		-1987.34	-76.30	154.34	7.03	-24.92	6.67	-14.71	26.63	-21.10	-0.02	18.21	-0.01	6.35	0.90	3.61	4.55
MRBLD1CB164_SIN		0.00	51.09	-38.20	18.99	54.95	-7.75	-3.02	-13.49	-2.13	-20.70	40.80	12.08	5.02	3.05	11.28	14.98
MRBLD1FB42P75_COS		3093.25	135.70	-475.17	361.85	-182.62	76.78	53.33	-113.00	0.48	27.01	37.09	40.29	0.50	-24.43	-46.70	-36.75
MRBLD1FB42P75_SIN		0.00	13.50	-103.33	152.17	15.90	32.08	34.92	207.33	-37.05	-32.11	-29.38	-43.31	-17.94	-3.36	6.67	-21.48
MRBLD1FB70_COS		398.40	-85.33	-242.82	81.75	-75.90	14.96	15.82	-14.69	2.48	0.91	-3.82	-4.77	-1.34	2.39	9.51	8.02
MRBLD1FB70_SIN		0.00	-145.17	-29.96	50.69	-9.49	1.35	8.65	39.41	-3.41	2.42	2.32	2.80	1.70	0.31	-0.73	4.84
MRBLD1FB87_COS		-91.58	-43.14	-183.01	12.10	-54.21	-8.73	-5.19	9.59	2.21	-1.41	-0.21	-4.43	2.89	6.20	9.74	6.12
MRBLD1FB87_SIN		0.00	-134.09	16.77	67.10	3.62	-1.59	-3.87	-21.43	-0.19	4.09	7.85	10.76	5.31	2.49	0.56	5.37
MRBLD1FB120_COS		-467.25	-33.90	-241.98	-18.54	-12.68	-12.50	-13.09	24.16	-1.94	0.86	-1.32	1.16	-1.42	-3.93	-12.51	-8.65
MRBLD1FB120_SIN		0.00	-168.57	57.52	126.56	24.62	8.24	-4.01	-50.04	10.63	-1.98	-9.80	-8.85	-4.78	-4.98	-1.54	-7.57
MRBLD1FB164_COS		-111.58	-9.67	-501.40	82.30	143.71	8.08	37.72	-29.85	4.11	4.94	-0.82	0.40	10.71	6.09	3.17	3.99
MRBLD1FB164_SIN		0.00	-192.10	-45.81	95.04	38.49	-28.61	-11.59	60.36	-9.52	9.72	13.08	9.46	2.51	1.36	4.59	8.98

RUN	POINT	Harmonics															
52	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.60	-18.23	-351.54	72.77	123.78	-1.49	19.39	-26.28	4.00	0.41	3.89	-6.30	6.00	4.58	-8.82	-7.23
MRBLD1FB180_SIN		0.00	-120.70	-62.93	17.02	19.89	-31.01	-14.97	53.24	-19.79	-2.38	6.75	10.89	0.18	-1.09	1.12	-8.95
MRBLD1TOR51_COS		-1375.56	12.94	-170.91	101.83	-7.06	-6.29	7.06	2.27	6.97	-0.67	4.23	1.02	3.36	0.58	-3.41	2.58
MRBLD1TOR51_SIN		0.00	-6.29	-124.51	2.56	16.62	5.14	9.56	44.56	7.02	-2.01	-6.75	-0.49	4.17	2.91	-1.33	-4.60
MRBLD1TOR71_COS		-234.30	23.67	-167.43	76.96	-0.85	-6.34	6.36	9.30	3.29	-3.13	1.95	-1.23	2.21	1.14	-0.82	2.15
MRBLD1TOR71_SIN		0.00	-10.24	-119.33	-14.49	9.51	3.49	8.90	37.05	7.69	-1.77	-4.07	0.92	4.79	3.74	0.08	-1.83
MRBLD1TOR130_COS		-0.32	19.32	-149.32	58.86	13.22	-9.66	3.56	2.47	2.54	-1.20	0.96	2.45	-0.05	-1.24	-0.69	-2.36
MRBLD1TOR130_SIN		0.00	-3.28	-112.70	-26.22	16.46	6.27	9.31	32.19	5.72	2.67	1.44	2.55	-0.44	-1.16	-0.38	2.18
MRBLD1TOR164_COS		-202.99	10.97	-42.73	26.04	-9.62	-10.01	-4.58	0.48	1.43	2.19	0.99	-0.11	-0.30	0.71	-0.41	-3.51
MRBLD1TOR164_SIN		0.00	9.49	-74.40	-39.36	-1.26	8.38	9.80	13.62	1.51	2.31	3.75	2.29	-1.27	-1.28	-1.57	0.03
MRFBM1CB26P5_COS		-4764.08	-664.96	-80.26	87.99	-0.51	-5.76	9.71	-8.68	5.06	0.11	-3.21	2.61	1.49	-0.99	-0.21	3.21
MRFBM1CB26P5_SIN		0.00	-167.73	-25.53	-7.37	-21.81	0.42	-2.73	5.44	-5.56	-1.13	-1.06	0.38	-1.04	-1.25	-2.13	-2.13
MRFBM1FB9_COS		334.98	17.08	205.84	-68.20	23.85	-2.94	-1.26	12.79	-1.96	-1.67	-2.13	-2.03	-0.74	-0.17	0.37	-0.40
MRFBM1FB9_SIN		0.00	-6.86	78.06	-76.59	0.22	-5.84	-2.97	-4.31	0.20	-1.09	0.15	-0.41	0.22	0.99	1.65	1.47
MRFBM1TOR26P5_COS		-364.48	96.26	-1.24	0.48	-0.19	0.22	-0.11	0.24	-0.05	-0.07	-0.05	-0.03	0.01	0.02	-0.01	0.04
MRFBM1TOR26P5_SIN		0.00	-67.56	-1.10	0.30	-0.05	-0.01	0.05	0.13	0.20	-0.05	-0.06	-0.08	0.10	0.04	0.11	-0.02

RUN	POINT	Harmonics															
52	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1103.51	-1462.98	-183.71	270.44	-41.54	-16.03	12.25	-77.35	25.05	15.89	-10.93	21.69	0.43	-11.06	-21.76	-4.30
MRPC1CB33P25_SIN		0.00	-215.04	-91.49	38.59	-10.86	12.30	20.06	61.47	-16.45	11.66	-28.33	-9.67	-11.78	-15.25	-20.60	-21.91
MRPC1FB33P25_COS		2265.41	87.78	-354.07	264.08	-152.28	49.48	30.32	-170.26	18.47	40.39	46.33	58.39	11.97	-13.78	-35.79	-3.05
MRPC1FB33P25_SIN		0.00	126.30	-146.70	198.70	-22.91	45.44	44.26	115.33	-29.76	-9.65	-1.08	-2.77	-12.00	-19.80	-37.43	-44.85
MRPC1TOR25P5_COS		-811.70	0.65	175.44	-113.22	3.79	-1.26	-12.42	-13.95	-7.57	2.21	-4.80	3.07	-5.46	-3.37	-0.63	-5.66
MRPC1TOR25P5_SIN		0.00	68.57	87.26	17.83	-11.13	-3.26	-8.04	-44.14	-10.51	4.69	5.47	1.06	-7.53	-6.15	-6.09	0.70
MRPLK1LOAD_COS		-92.22	14.33	23.25	-13.43	0.76	0.02	-1.53	-1.44	-1.01	0.64	-0.52	0.25	-0.76	-0.33	0.31	-0.92
MRPLK1LOAD_SIN		0.00	-17.69	14.73	1.29	-1.90	-0.06	-1.31	-6.15	-1.40	0.55	1.32	0.20	-1.12	-1.01	-1.12	0.14
PITCHRH_COS		9473.98	-8563.80	-503.52	-33.32	-55.65	-489.13	-95.30	17.54	11.93	89.93	305.20	-42.84	10.42	-7.44	40.56	-174.63
PITCHRH_SIN		0.00	2314.42	-562.65	38.18	64.93	-95.09	203.56	-41.52	21.55	-79.50	-271.20	0.94	4.34	-8.49	-0.22	-150.00
ROLLRH_COS		786.22	-1866.28	537.98	-109.00	-83.74	137.10	-188.56	41.43	79.49	6.78	133.20	-39.43	34.44	-45.91	25.91	-101.80
ROLLRH_SIN		0.00	-8439.25	-621.10	-11.71	134.46	-490.44	-163.09	10.15	16.47	78.82	-38.17	-40.52	15.52	-3.47	-28.34	-255.81
TORQ_COS		30508.82	479.47	17.15	-30.68	-60.74	126.81	-7.99	-4.27	-20.02	-1.11	34.84	0.92	2.45	-2.25	-8.11	-2.49
TORQ_SIN		0.00	500.69	-10.61	7.36	41.67	10.33	1.02	2.25	8.12	-2.79	-3.24	8.43	-6.95	6.32	-10.07	40.20
THRUST_COS		5840.68	-68.22	-5.36	2.70	11.00	-33.27	3.43	-5.37	1.50	-1.02	-10.51	2.47	-1.53	-0.36	1.19	8.86
THRUST_SIN		0.00	-15.80	-2.49	15.82	3.28	-32.59	-0.46	4.07	1.49	0.68	6.46	-1.59	0.00	-1.04	1.75	25.11

RUN	POINT	Harmonics															
52	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.03	-21.76	-12.79	-4.29	-22.15	17.49	11.92	-1.90	-2.11	-0.49	-5.82	2.28	-1.51	1.42	-0.84	3.62
SIDERH_SIN		0.00	197.98	13.13	0.68	-37.13	24.43	13.14	-0.57	1.37	-4.15	0.78	2.91	-0.42	0.25	0.79	7.79
DRAGRH_COS		-220.14	226.40	10.41	1.92	-9.38	23.36	-0.95	0.86	-0.82	-5.01	-13.35	4.42	0.00	0.73	-1.89	7.99
DRAGRH_SIN		0.00	-47.83	14.96	-1.58	8.64	6.19	-36.38	5.45	0.88	3.90	21.25	-3.59	1.53	0.94	-0.28	7.43

RUN	POINT	Harmonics															
52	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	1.49	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	-0.03	0.00	0.02	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	0.01	0.01	0.02	0.01	0.00
ACT1DISP_COS		2.66	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.52	1.69	4.46	-5.04	-3.65	-0.79	-1.36	0.89	0.13	-0.27	-0.67	0.07	0.56	0.30	0.32	0.07
ACT1FORCE_SIN		0.00	9.56	9.82	3.60	-0.22	-0.85	0.22	-0.37	0.18	-0.12	-1.03	0.00	0.44	0.56	0.30	0.00
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.02	-17.39	257.97	29.25	24.66	7.57	12.22	0.01	0.00	0.03	0.08	-0.02	0.05	-0.03	-0.12	-0.06
FA1IBVOLTAGE_SIN		0.00	-52.99	-127.77	-28.31	5.36	3.39	-7.63	-0.16	-0.12	-0.04	-0.20	-0.03	0.12	0.05	0.04	0.05
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.87	17.57	-258.32	-29.41	-25.07	-7.74	-12.23	-0.02	-0.07	-0.03	-0.08	0.01	-0.04	0.03	0.10	0.08
FA1OBVOLTAGE_SIN		0.00	53.10	128.46	28.49	-5.78	-3.49	7.54	0.10	0.07	0.06	0.20	0.02	-0.10	-0.02	-0.06	-0.03
MRBLD1CB42P75_COS		-4006.68	-1222.66	-126.70	290.68	-24.40	-42.08	8.80	-113.70	39.52	21.17	-35.74	10.07	-3.22	-12.20	-38.96	-0.81
MRBLD1CB42P75_SIN		0.00	-188.57	-87.00	73.71	76.77	-1.90	18.73	66.62	-29.71	30.51	-72.66	-39.97	-21.73	-16.55	-32.37	-20.13

RUN	POINT	Harmonics															
52	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2762.54	-604.12	218.67	211.24	37.45	-41.51	-29.05	-91.74	20.74	19.44	-4.75	7.34	-3.55	-4.84	-27.31	-9.59
MRBLD1CB70_SIN		0.00	-99.96	-98.83	91.46	167.47	9.00	39.30	57.29	-7.13	28.44	-49.28	-27.61	-10.42	-6.03	-22.12	-13.27
MRBLD1CB120_COS		-572.98	-171.26	364.12	164.79	53.70	3.13	-27.96	-41.13	-21.49	3.73	33.59	3.76	0.47	2.74	8.80	4.58
MRBLD1CB120_SIN		0.00	44.91	-147.83	20.25	176.82	7.83	40.89	22.71	7.85	-8.57	45.83	17.78	8.05	8.40	3.89	-2.25
MRBLD1CB164_COS		-1991.59	-63.85	152.61	20.77	-16.12	-0.17	-23.46	23.99	-20.79	5.50	14.88	3.42	6.39	0.59	6.84	0.26
MRBLD1CB164_SIN		0.00	57.48	-47.63	30.04	75.60	8.00	10.67	-10.60	6.30	-19.56	42.05	20.85	5.84	3.54	16.07	11.99
MRBLD1FB42P75_COS		3105.75	51.25	-472.95	452.06	-126.46	28.96	54.66	-163.75	6.79	44.29	-7.80	16.93	-1.17	-15.30	-68.12	-19.53
MRBLD1FB42P75_SIN		0.00	13.87	-75.52	139.12	125.74	12.61	8.70	212.27	-61.90	-42.77	-32.21	-50.14	-19.02	-1.79	20.49	-31.92
MRBLD1FB70_COS		402.30	-83.37	-242.24	116.14	-58.24	4.78	18.11	-23.78	1.87	1.85	-4.95	-4.41	-1.00	1.81	15.30	4.65
MRBLD1FB70_SIN		0.00	-143.65	-19.24	46.19	23.73	-3.21	3.16	41.09	-6.10	2.82	2.84	2.59	1.53	0.30	-2.32	6.99
MRBLD1FB87_COS		-88.37	-42.37	-179.95	33.60	-47.92	-12.31	-5.06	15.15	1.69	-3.74	9.89	0.87	2.34	3.25	13.89	2.46
MRBLD1FB87_SIN		0.00	-137.09	18.91	65.33	15.87	-4.74	-5.02	-21.88	3.70	6.00	9.43	12.67	5.25	1.56	-3.56	7.03
MRBLD1FB120_COS		-462.77	-33.68	-233.84	4.95	-16.85	-9.84	-16.53	36.96	-3.22	-1.39	-3.87	-0.97	-0.95	-1.50	-20.20	-2.92
MRBLD1FB120_SIN		0.00	-174.01	44.19	127.84	20.32	12.29	-0.09	-51.59	15.03	-2.87	-12.83	-9.03	-3.41	-3.53	2.97	-10.39
MRBLD1FB164_COS		-107.72	13.36	-516.20	89.34	120.61	26.29	38.59	-53.41	6.66	8.90	6.24	3.27	8.66	2.61	6.57	1.86
MRBLD1FB164_SIN		0.00	-194.61	39.21	88.29	-0.58	-18.40	-8.95	59.56	-19.10	10.05	17.66	13.72	0.56	-0.69	1.12	10.78

RUN	POINT	Harmonics															
52	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-173.49	4.60	-363.45	69.41	110.53	8.30	20.76	-42.61	6.84	0.49	23.65	4.41	7.31	5.68	-17.50	-0.20
MRBLD1FB180_SIN		0.00	-128.84	18.54	16.61	-7.05	-28.48	-17.11	50.30	-25.83	0.45	11.70	15.04	-1.72	-0.98	6.26	-11.52
MRBLD1TOR51_COS		-1374.99	37.47	-215.57	90.06	-0.79	-9.14	21.50	-9.96	7.55	0.32	-2.09	1.42	6.15	1.83	-5.54	2.96
MRBLD1TOR51_SIN		0.00	3.01	-34.07	-14.61	20.09	6.05	2.02	39.78	1.06	0.37	-3.69	-0.11	2.04	3.20	0.04	-2.53
MRBLD1TOR71_COS		-233.05	44.03	-208.40	62.96	4.14	-7.51	19.24	0.27	3.21	-2.59	-1.75	-0.11	4.71	2.28	-1.34	1.63
MRBLD1TOR71_SIN		0.00	-2.52	-35.43	-30.89	8.40	5.61	2.99	33.22	3.29	0.29	-0.15	2.61	3.22	3.92	0.37	-0.70
MRBLD1TOR130_COS		0.93	42.43	-188.68	40.42	16.45	-8.41	13.37	-5.68	2.85	0.09	-1.32	2.60	-0.40	-1.31	1.20	-2.99
MRBLD1TOR130_SIN		0.00	5.88	-27.67	-40.95	8.71	9.54	4.52	28.11	1.77	3.77	0.53	1.44	-0.92	-1.44	-2.30	0.91
MRBLD1TOR164_COS		-202.76	27.08	-69.64	9.84	-5.73	-11.61	2.44	-1.99	-0.20	2.62	4.45	0.48	-1.81	0.10	-0.92	-2.22
MRBLD1TOR164_SIN		0.00	16.54	-18.02	-48.43	-0.43	7.64	4.94	12.98	0.63	1.59	5.28	3.18	0.21	-1.49	-5.54	-0.81
MRFBM1CB26P5_COS		-4769.59	-512.78	-92.33	91.24	-3.87	-4.07	10.51	-8.96	5.67	1.18	-5.76	1.71	1.38	-0.74	-1.75	3.82
MRFBM1CB26P5_SIN		0.00	-127.24	-11.62	-14.39	-19.77	-6.59	-6.30	3.53	-8.66	-0.69	-4.51	-0.93	-1.34	-0.69	-2.32	-1.62
MRFBM1FB9_COS		334.91	-93.75	215.67	-93.32	22.35	0.12	-1.73	14.87	-2.92	-2.12	-1.54	-1.93	-0.77	-0.15	0.89	-0.73
MRFBM1FB9_SIN		0.00	23.70	58.98	-80.40	-14.89	-2.15	-0.84	-2.92	0.74	-1.26	1.59	0.77	0.35	0.75	2.19	0.99
MRFBM1TOR26P5_COS		-364.60	95.48	-1.59	0.40	-0.14	0.18	0.00	0.16	-0.07	-0.13	-0.15	-0.05	0.01	0.00	-0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-67.65	-0.65	0.15	-0.19	0.00	0.01	0.14	0.18	-0.01	-0.02	-0.10	0.09	0.05	0.23	0.02

RUN	POINT	Harmonics															
52	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1103.11	-1177.07	-215.44	303.90	-42.20	-21.67	21.86	-94.18	29.56	20.13	-26.15	11.98	0.01	-8.50	-32.26	4.29
MRPC1CB33P25_SIN		0.00	-168.46	-53.09	27.40	25.17	-1.93	5.89	54.26	-32.55	13.85	-45.37	-25.34	-14.76	-11.14	-25.43	-19.04
MRPC1FB33P25_COS		2275.09	7.78	-351.92	340.46	-130.66	15.92	40.20	-211.88	34.44	58.09	16.88	46.12	11.14	-8.99	-59.89	15.75
MRPC1FB33P25_SIN		0.00	124.27	-129.61	204.80	80.10	16.88	23.91	98.86	-45.35	-8.35	-28.14	-22.26	-14.18	-12.84	-50.46	-35.79
MRPC1TOR25P5_COS		-809.58	-37.01	227.06	-98.78	-2.26	-0.14	-27.46	-2.75	-7.03	2.03	2.56	1.63	-8.66	-3.76	0.92	-4.77
MRPC1TOR25P5_SIN		0.00	57.64	-14.16	37.28	-12.10	-4.54	-2.08	-39.69	-5.20	1.19	-0.19	-1.25	-5.25	-5.74	-13.08	-2.62
MRPLK1LOAD_COS		-92.15	11.43	29.17	-11.58	-0.49	0.38	-3.66	0.37	-0.98	0.71	0.84	0.22	-1.21	-0.31	0.91	-1.17
MRPLK1LOAD_SIN		0.00	-18.52	2.10	4.03	-2.10	-0.30	-0.33	-5.68	-0.52	0.15	0.56	0.11	-0.79	-1.00	-2.47	-0.57
PITCHRH_COS		11379.77	-8560.25	-548.84	-16.14	-78.60	-231.41	-90.60	-15.21	-21.32	68.96	297.88	-54.64	38.57	-62.41	27.21	-264.14
PITCHRH_SIN		0.00	2284.84	-523.82	30.16	54.29	136.89	214.19	-79.71	-3.78	-83.12	-303.66	-8.14	-12.32	-47.06	-6.35	-229.62
ROLLRH_COS		191.48	-1864.44	512.82	-86.74	-137.84	-423.07	-193.84	19.09	112.03	-0.66	75.26	-34.33	60.99	-84.59	55.66	-35.93
ROLLRH_SIN		0.00	-8436.78	-621.62	9.23	143.70	-254.21	-134.05	-0.91	-18.37	23.76	-0.50	-35.31	6.54	40.26	-10.70	-449.99
TORQ_COS		30419.45	503.61	27.15	-28.19	-62.28	93.02	-7.22	-9.51	-12.78	-1.43	40.56	1.46	-0.21	-1.40	-7.40	-3.58
TORQ_SIN		0.00	533.88	-10.47	14.86	52.53	13.00	7.75	11.03	20.82	-4.44	9.02	8.37	-8.13	8.11	-9.80	31.34
THRUST_COS		5840.40	-70.36	-9.92	8.27	9.80	-16.80	-0.84	-5.61	2.70	0.90	7.83	6.26	-3.22	0.95	0.85	-4.04
THRUST_SIN		0.00	-15.82	3.20	10.53	0.65	-20.37	-0.91	12.52	-0.39	2.05	16.23	-1.32	1.21	0.09	1.25	27.97

RUN	POINT	Harmonics															
52	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.77	-24.00	-12.12	-3.42	-15.65	35.80	10.15	-0.64	-2.54	0.47	-3.35	1.82	-2.59	2.51	-1.73	1.70
SIDERH_SIN		0.00	198.07	13.17	2.83	-51.23	-11.39	8.91	-0.01	2.46	-1.23	-0.65	2.70	0.11	-1.22	0.02	13.02
DRAGRH_COS		-206.80	226.00	10.19	0.50	-12.92	46.35	-4.65	1.30	1.33	-4.83	-14.03	4.71	0.17	3.23	-1.14	11.62
DRAGRH_SIN		0.00	-47.47	14.37	-1.83	8.26	31.72	-30.23	2.57	1.29	6.24	23.73	-2.20	2.95	2.59	-0.47	9.72

RUN	POINT	Harmonics															
52	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	1.30	0.00	0.00	0.00	0.00	0.03	0.00	-0.02	0.02	-0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.01	0.00	0.02	0.02	0.00	-0.01
ACT1DISP_COS		2.66	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.49	2.27	-0.29	-5.12	-3.69	-0.67	-0.09	1.06	-0.20	-0.39	0.58	-0.13	0.34	0.12	-0.18	0.07
ACT1FORCE_SIN		0.00	9.87	10.00	2.99	0.17	-0.72	-2.06	0.00	0.38	0.06	0.28	0.11	0.43	0.39	0.26	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.95	-20.20	285.06	32.69	22.24	7.56	5.44	0.13	0.12	0.00	0.03	0.03	-0.10	-0.05	-0.03	0.05
FA1IBVOLTAGE_SIN		0.00	-58.49	27.68	-23.77	-1.47	2.79	16.61	-0.18	0.00	-0.05	0.14	0.00	0.03	0.04	0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.92	20.37	-285.75	-32.82	-22.00	-7.67	-5.54	-0.12	-0.03	0.02	-0.03	-0.03	0.11	0.06	0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	58.61	-27.10	23.91	1.13	-2.91	-16.72	0.12	-0.04	0.03	-0.12	0.01	-0.05	-0.05	-0.04	-0.02
MRBLD1CB42P75_COS		-4051.58	-1131.56	-97.56	268.14	-44.65	-49.12	-6.03	-116.37	44.04	17.69	-5.48	20.48	2.79	-13.80	-45.01	0.56
MRBLD1CB42P75_SIN		0.00	19.87	-104.44	79.19	75.45	-1.37	29.16	78.03	-12.40	28.08	-52.13	-25.53	-17.37	-18.24	-33.14	-22.93

RUN	POINT	Harmonics															
52	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2744.66	-542.89	251.23	188.04	1.54	-50.23	-47.02	-89.11	21.89	17.17	13.43	11.90	0.17	-5.78	-30.61	-7.12
MRBLD1CB70_SIN		0.00	26.81	-110.46	89.90	179.75	-13.16	55.04	64.03	3.60	28.29	-48.57	-20.40	-9.59	-6.34	-24.03	-15.40
MRBLD1CB120_COS		-571.87	-143.66	400.05	144.25	16.71	3.83	-44.35	-33.16	-23.17	4.31	24.35	-1.83	-2.71	1.14	9.21	6.29
MRBLD1CB120_SIN		0.00	92.43	-168.08	15.25	197.20	-26.82	53.53	20.59	-1.64	-5.46	41.67	11.68	5.92	9.68	2.91	-1.91
MRBLD1CB164_COS		-1992.81	-54.15	154.18	8.53	-32.82	2.77	-24.86	28.30	-19.98	5.74	7.34	0.26	4.25	0.08	7.19	-3.09
MRBLD1CB164_SIN		0.00	70.63	-40.01	22.67	82.56	-5.03	12.09	-16.11	-2.92	-16.50	48.16	15.97	5.02	2.37	17.50	12.31
MRBLD1FB42P75_COS		3117.51	16.83	-475.73	392.55	-144.85	58.87	39.15	-163.40	15.04	43.06	53.30	30.97	7.83	-18.47	-74.86	-19.65
MRBLD1FB42P75_SIN		0.00	-34.01	-95.33	155.80	142.85	33.86	34.19	226.31	-59.29	-37.75	-11.10	-46.67	-17.64	4.38	27.48	-41.45
MRBLD1FB70_COS		400.34	-86.23	-246.70	92.99	-65.74	11.10	13.95	-22.94	3.52	1.32	-3.18	-4.30	-1.42	2.14	16.18	4.39
MRBLD1FB70_SIN		0.00	-140.90	-26.78	50.11	28.13	1.33	9.61	44.43	-5.77	2.24	1.81	2.60	1.67	-0.41	-3.80	9.36
MRBLD1FB87_COS		-89.88	-44.20	-187.36	17.78	-51.00	-9.95	-3.52	15.72	0.82	-3.51	-4.35	-2.95	0.31	3.81	14.90	2.33
MRBLD1FB87_SIN		0.00	-133.57	18.69	66.70	16.90	-4.02	-5.39	-22.47	3.55	5.94	5.85	12.52	5.38	0.70	-4.98	8.70
MRBLD1FB120_COS		-464.82	-32.30	-247.00	-14.43	-15.80	-14.24	-11.73	34.95	-4.76	-0.38	-1.45	0.46	1.49	-1.37	-20.17	-2.37
MRBLD1FB120_SIN		0.00	-171.47	59.37	128.77	20.44	10.21	-6.69	-57.09	14.05	-2.84	-11.30	-10.37	-4.70	-2.50	5.69	-12.74
MRBLD1FB164_COS		-104.84	-9.61	-501.76	84.25	138.98	22.67	35.85	-53.60	6.46	8.89	-0.63	0.53	6.52	2.82	6.22	0.95
MRBLD1FB164_SIN		0.00	-201.00	-36.44	103.32	-5.61	-29.25	-4.71	67.03	-17.10	10.45	13.86	13.63	2.09	-1.78	-0.90	11.53

RUN	POINT	Harmonics															
52	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.01	-17.03	-348.68	72.81	120.22	9.58	20.39	-42.95	6.67	1.17	-5.72	-6.04	4.29	6.23	-18.23	1.80
MRBLD1FB180_SIN		0.00	-129.72	-56.95	26.65	-7.63	-36.90	-10.82	63.06	-21.79	0.49	3.12	12.75	-1.73	0.58	9.51	-14.15
MRBLD1TOR51_COS		-1373.64	18.67	-172.79	104.35	0.16	-6.35	1.86	-6.24	13.85	0.24	1.62	-1.63	4.22	1.51	-6.64	4.21
MRBLD1TOR51_SIN		0.00	-1.30	-122.34	-2.15	23.68	13.50	1.35	42.47	5.85	0.94	-6.39	-0.67	2.21	2.87	-0.55	-1.47
MRBLD1TOR71_COS		-232.09	24.28	-169.45	78.52	6.41	-5.50	2.34	3.69	8.60	-2.38	-0.49	-2.95	2.81	2.30	-2.50	2.93
MRBLD1TOR71_SIN		0.00	-8.77	-118.06	-19.10	11.10	11.96	1.74	35.13	6.84	0.59	-4.28	1.73	2.91	3.75	0.03	-0.26
MRBLD1TOR130_COS		2.03	21.75	-150.84	58.50	19.47	-7.43	0.04	-3.67	6.61	-0.19	0.46	2.61	-0.36	-1.40	0.16	-3.23
MRBLD1TOR130_SIN		0.00	-0.78	-111.13	-30.07	10.75	13.92	4.99	30.07	4.25	4.20	2.99	3.47	-0.18	-1.24	-2.51	0.11
MRBLD1TOR164_COS		-202.13	14.23	-43.57	23.81	-6.82	-9.82	-5.06	-0.82	1.70	1.99	0.92	1.04	-1.02	0.24	-0.91	-2.09
MRBLD1TOR164_SIN		0.00	13.42	-73.63	-42.51	0.24	11.07	7.77	14.20	1.21	1.85	2.53	3.60	0.15	-0.61	-4.34	-1.92
MRFBM1CB26P5_COS		-4795.81	-474.56	-82.88	91.32	1.37	-5.66	10.68	-10.63	6.11	1.03	-3.25	2.47	1.49	-1.06	-2.38	4.20
MRFBM1CB26P5_SIN		0.00	-32.25	-19.04	-11.03	-24.54	-1.24	-7.88	4.93	-7.16	-0.87	1.48	0.07	-0.90	-0.73	-2.12	-1.68
MRFBM1FB9_COS		344.07	-142.16	214.49	-76.43	26.39	-1.54	0.53	15.33	-2.96	-1.90	-2.17	-1.97	-0.81	0.04	1.02	-0.97
MRFBM1FB9_SIN		0.00	-17.09	69.87	-79.23	-15.82	-4.83	-1.29	-3.74	0.24	-1.32	-0.57	0.12	-0.03	0.89	2.41	1.01
MRFBM1TOR26P5_COS		-364.58	95.17	-1.28	0.49	-0.16	0.23	-0.22	0.21	-0.03	-0.14	-0.09	-0.09	0.02	-0.01	0.00	0.04
MRFBM1TOR26P5_SIN		0.00	-68.34	-1.29	0.18	-0.09	0.01	-0.07	0.12	0.22	-0.02	-0.10	-0.16	0.09	0.03	0.20	0.04

RUN	POINT	Harmonics															
52	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1146.33	-1090.27	-189.87	287.97	-49.40	-23.67	10.69	-97.23	34.76	17.57	-1.85	19.39	4.23	-11.10	-37.13	6.51
MRPC1CB33P25_SIN		0.00	22.54	-74.74	36.56	19.91	8.51	12.46	62.83	-21.30	11.68	-22.88	-15.95	-10.78	-11.89	-26.05	-21.32
MRPC1FB33P25_COS		2286.78	-19.26	-351.07	287.59	-151.05	33.48	19.90	-216.87	39.56	53.92	48.32	53.96	16.05	-15.50	-70.23	24.43
MRPC1FB33P25_SIN		0.00	77.67	-141.40	206.25	90.18	40.81	39.93	109.90	-39.15	-5.14	21.60	-10.31	-6.51	-11.46	-51.43	-41.16
MRPC1TOR25P5_COS		-810.93	-21.97	186.77	-116.67	-6.15	-2.22	-6.05	-7.47	-13.89	2.08	-0.36	6.66	-5.71	-3.47	-0.45	-3.99
MRPC1TOR25P5_SIN		0.00	58.13	80.33	21.65	-14.26	-14.17	0.41	-42.57	-9.51	0.99	5.88	1.52	-5.15	-4.61	-12.45	-5.34
MRPLK1LOAD_COS		-92.53	14.27	23.47	-13.79	-0.78	-0.01	-0.74	-0.31	-1.88	0.70	0.12	0.91	-0.83	-0.22	0.66	-0.89
MRPLK1LOAD_SIN		0.00	-17.86	14.26	2.12	-2.72	-1.37	-0.11	-5.95	-1.23	0.13	1.44	0.54	-0.85	-0.79	-2.35	-0.97
PITCHRH_COS		12192.86	-8555.75	-567.62	-36.91	-48.91	-245.11	-116.80	-5.28	14.49	70.46	286.81	-45.84	17.67	-36.73	10.15	-328.01
PITCHRH_SIN		0.00	2291.82	-559.93	68.13	58.24	219.91	178.84	-31.79	-22.22	-77.26	-270.28	7.87	9.55	-26.90	-24.56	-169.70
ROLLRH_COS		1141.87	-1850.16	532.48	-124.46	-107.11	-461.45	-225.41	6.11	99.86	53.50	107.67	-48.14	26.09	-67.70	71.50	-89.00
ROLLRH_SIN		0.00	-8431.22	-628.04	-14.00	127.10	-156.45	-173.96	-24.81	13.66	39.54	-18.54	-38.00	21.41	16.56	3.84	-569.28
TORQ_COS		29815.96	491.00	18.51	-30.98	-59.77	124.08	-8.33	-2.56	-19.94	-0.58	34.17	0.63	2.22	-2.31	-9.81	-5.02
TORQ_SIN		0.00	562.72	-2.06	12.25	48.66	6.30	5.04	3.88	13.77	-0.33	-8.20	6.67	-7.33	6.87	-10.39	33.56
THRUST_COS		5876.81	-66.84	-5.26	2.88	10.63	-28.62	2.66	-2.25	1.67	-1.16	-10.00	3.09	-1.26	0.07	-4.03	-8.15
THRUST_SIN		0.00	-18.67	-3.02	14.64	1.74	-30.75	-1.45	5.16	0.49	1.54	0.82	-2.01	0.32	-0.69	1.66	29.68

RUN	POINT	Harmonics															
52	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.02	-21.71	-13.46	-3.23	-19.33	35.31	12.59	-1.00	-2.60	-2.61	-4.79	2.78	-1.25	1.97	-2.06	3.23
SIDERH_SIN		0.00	195.36	14.31	2.11	-39.74	-25.60	11.95	0.36	1.32	-1.85	0.72	2.61	-0.51	-0.51	-0.46	16.91
DRAGRH_COS		-200.47	225.64	13.47	1.21	-10.13	50.83	-4.86	1.94	-0.42	-4.86	-14.06	3.85	-0.09	1.88	-0.39	13.63
DRAGRH_SIN		0.00	-47.80	14.87	-2.26	10.81	54.34	-31.76	5.39	2.22	3.89	20.92	-3.80	1.14	2.01	0.91	7.18

RUN	POINT	Harmonics															
52	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.26	0.00	0.00	0.00	0.00	0.02	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.78	0.00	0.00	0.00	0.00	-0.02	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.66	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.73	1.45	8.46	-3.87	-3.22	-1.15	0.96	0.65	-0.09	-0.62	0.05	0.10	0.13	0.04	0.11	-0.03
ACT1FORCE_SIN		0.00	9.86	7.31	3.72	0.29	-0.46	1.39	-0.55	0.13	-0.13	0.59	0.00	-0.01	0.17	0.55	0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.41	-15.30	155.89	20.30	25.78	7.32	-12.22	-0.05	0.02	-0.02	-0.10	0.02	-0.10	-0.06	-0.05	0.00
FA1IBVOLTAGE_SIN		0.00	-54.79	-247.98	-24.52	2.99	0.14	-13.20	-0.14	0.04	-0.03	0.11	0.00	0.02	0.01	-0.05	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.48	15.55	-155.64	-20.43	-26.53	-7.51	12.25	0.06	0.01	0.02	0.07	-0.03	0.11	0.04	0.06	0.00
FA1OBVOLTAGE_SIN		0.00	54.91	249.03	24.83	-2.85	-0.17	13.00	0.11	0.08	0.05	-0.09	-0.01	-0.03	0.00	0.02	0.01
MRBLD1CB42P75_COS		-3984.13	-1193.24	-138.10	307.55	-19.63	-34.23	7.81	-110.51	38.91	22.30	-12.11	14.70	5.64	-4.16	-27.41	4.68
MRBLD1CB42P75_SIN		0.00	-300.03	-69.85	45.76	85.46	-7.73	-1.47	90.92	-38.97	32.49	-33.52	-37.40	-15.36	-12.48	-24.01	-20.14

RUN	POINT	Harmonics															
52	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.78	-590.08	199.52	231.93	42.33	-28.84	-27.58	-87.62	20.51	19.31	13.51	11.28	1.96	-0.19	-19.25	-4.05
MRBLD1CB70_SIN		0.00	-164.38	-84.24	75.24	161.66	9.24	23.57	76.10	-15.68	32.56	-35.07	-26.08	-7.90	-5.45	-15.84	-15.75
MRBLD1CB120_COS		-572.20	-169.23	343.72	181.06	64.24	12.92	-26.51	-35.63	-22.47	4.42	23.92	-0.16	-2.03	0.64	6.49	5.38
MRBLD1CB120_SIN		0.00	23.05	-123.45	9.74	164.43	12.10	34.33	37.33	7.53	-16.31	31.62	17.87	5.20	6.89	3.50	-2.28
MRBLD1CB164_COS		-1987.39	-65.60	146.99	35.32	-8.33	0.34	-18.43	25.65	-23.64	5.57	4.56	1.24	2.62	-1.44	3.24	-4.59
MRBLD1CB164_SIN		0.00	52.90	-56.05	27.31	74.52	11.10	14.95	-12.84	9.81	-28.72	35.41	19.33	3.10	1.39	10.33	14.09
MRBLD1FB42P75_COS		3097.65	49.45	-460.81	494.25	-78.38	22.96	30.88	-131.67	-4.44	34.15	36.12	13.52	11.36	-4.52	-46.10	-14.33
MRBLD1FB42P75_SIN		0.00	40.04	-62.00	64.96	141.40	6.68	-15.04	263.04	-61.98	-59.28	12.20	-48.91	-24.16	-7.40	12.93	-40.98
MRBLD1FB70_COS		402.90	-83.80	-236.90	134.14	-44.95	3.36	13.16	-17.20	0.97	2.23	-2.17	-3.78	-2.11	0.18	10.17	2.83
MRBLD1FB70_SIN		0.00	-145.86	-14.04	21.61	29.87	-5.65	-3.53	49.83	-6.73	1.66	3.19	3.23	2.26	1.08	-0.99	9.19
MRBLD1FB87_COS		-87.45	-43.61	-175.82	48.00	-41.98	-13.41	-4.76	13.05	3.21	-2.15	-0.68	1.28	-0.76	0.49	9.52	2.14
MRBLD1FB87_SIN		0.00	-139.94	18.38	51.29	20.56	-3.98	-3.59	-26.38	3.33	7.65	-0.97	12.48	6.40	3.38	-1.43	9.16
MRBLD1FB120_COS		-461.89	-36.50	-231.05	26.16	-16.83	-8.28	-12.56	27.11	-0.70	-1.60	-4.13	-1.37	2.90	1.62	-13.75	-2.24
MRBLD1FB120_SIN		0.00	-178.35	28.07	114.36	22.52	13.39	7.42	-64.45	17.05	-0.61	-9.63	-10.22	-5.47	-6.22	0.03	-12.82
MRBLD1FB164_COS		-110.81	26.17	-493.65	87.91	105.67	26.11	32.59	-39.88	2.97	8.83	1.93	3.53	5.20	1.14	3.59	1.54
MRBLD1FB164_SIN		0.00	-198.92	114.69	71.46	-8.45	-16.28	-15.18	77.36	-21.92	5.68	11.81	15.10	0.54	-0.74	2.34	11.69

RUN	POINT	Harmonics															
52	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.74	18.71	-339.58	57.20	101.83	9.23	11.59	-30.92	5.18	3.18	3.00	3.21	-0.60	3.86	-11.35	1.17
MRBLD1FB180_SIN		0.00	-137.41	95.47	13.57	-15.70	-23.75	-18.86	64.03	-31.48	-0.42	-7.76	14.31	-5.46	-6.71	1.01	-14.41
MRBLD1TOR51_COS		-1376.92	56.44	-206.36	68.63	-2.68	-5.49	20.54	-5.49	7.77	-0.22	3.77	1.21	3.06	1.84	-5.52	2.58
MRBLD1TOR51_SIN		0.00	-1.41	61.50	-25.68	12.79	1.03	-13.67	48.88	2.44	-0.29	-4.14	1.04	-0.23	1.49	-0.31	-2.26
MRBLD1TOR71_COS		-234.96	62.15	-199.14	40.76	0.79	-4.15	18.83	4.18	3.71	-3.02	2.30	-0.37	1.98	1.88	-1.51	1.83
MRBLD1TOR71_SIN		0.00	-5.97	54.43	-38.90	0.85	1.16	-9.98	39.03	5.09	0.19	-3.25	3.51	1.37	2.55	0.33	-0.25
MRBLD1TOR130_COS		-1.39	61.68	-177.48	16.32	11.36	-5.01	12.69	-2.25	3.27	0.34	0.40	2.94	0.42	-1.27	1.54	-1.90
MRBLD1TOR130_SIN		0.00	2.25	62.43	-45.08	0.26	5.69	-5.75	33.53	2.49	2.86	2.93	1.51	0.30	-0.55	-1.34	1.19
MRBLD1TOR164_COS		-203.89	40.59	-62.78	-8.31	-7.35	-9.55	0.90	0.14	0.50	2.54	2.72	0.75	-0.22	0.86	1.61	-0.51
MRBLD1TOR164_SIN		0.00	13.62	43.09	-48.03	-4.22	5.37	-1.01	14.06	1.18	2.06	0.96	2.75	1.09	-0.74	-3.79	-0.61
MRFBM1CB26P5_COS		-4757.60	-497.36	-94.10	88.22	-5.65	-4.48	9.68	-9.25	4.98	1.06	-5.30	1.00	1.84	-0.22	-0.85	4.02
MRFBM1CB26P5_SIN		0.00	-178.35	-4.67	-21.04	-15.13	-9.11	-7.59	5.13	-8.87	-1.64	2.07	-0.90	-0.81	0.01	-1.64	-1.14
MRFBM1FB9_COS		324.67	-92.66	212.84	-110.39	17.13	0.17	-1.39	15.43	-2.71	-2.24	-1.26	-1.92	-0.96	-0.36	0.71	-1.13
MRFBM1FB9_SIN		0.00	65.81	50.33	-66.64	-18.84	-1.58	1.50	-5.90	1.33	-0.81	-0.57	0.69	-0.09	0.43	1.51	0.75
MRFBM1TOR26P5_COS		-364.68	95.42	-1.56	0.27	-0.25	0.22	0.03	0.20	-0.04	-0.11	-0.07	-0.03	-0.02	0.00	-0.08	0.02
MRFBM1TOR26P5_SIN		0.00	-67.37	0.04	0.14	-0.39	-0.01	-0.15	0.20	0.17	0.01	-0.04	-0.08	0.04	0.01	0.15	0.01

RUN	POINT	Harmonics															
52	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1081.93	-1152.42	-221.64	310.91	-36.81	-18.79	18.38	-90.74	27.50	21.20	-10.18	13.86	7.18	-1.77	-22.09	9.15
MRPC1CB33P25_SIN		0.00	-272.52	-34.14	-1.95	38.86	-8.30	-10.14	76.75	-38.38	11.40	-10.60	-24.78	-10.58	-8.36	-18.31	-18.57
MRPC1FB33P25_COS		2267.23	3.47	-344.91	389.29	-93.98	13.44	29.37	-206.59	25.82	58.00	22.98	43.22	23.29	2.71	-39.63	27.51
MRPC1FB33P25_SIN		0.00	149.58	-122.57	152.34	103.30	10.48	-2.99	150.56	-50.59	-25.17	28.38	-23.62	-8.14	-7.50	-34.36	-35.44
MRPC1TOR25P5_COS		-806.56	-56.05	215.40	-72.40	0.85	-3.54	-26.90	-7.66	-7.44	2.67	-3.93	1.88	-3.13	-2.71	4.16	-0.97
MRPC1TOR25P5_SIN		0.00	63.55	-117.68	47.91	-4.35	1.18	13.76	-47.04	-7.90	1.48	3.38	-2.82	-1.42	-2.53	-8.70	-2.19
MRPLK1LOAD_COS		-91.74	8.80	27.79	-8.29	-0.19	-0.12	-3.56	-0.41	-1.07	0.77	-0.36	0.19	-0.50	-0.25	1.37	-0.36
MRPLK1LOAD_SIN		0.00	-18.16	-11.06	5.52	-0.91	0.38	1.96	-6.87	-0.75	0.20	0.86	-0.21	-0.18	-0.46	-1.64	-0.39
PITCHRH_COS		11343.61	-8566.56	-516.82	-12.74	-77.83	-123.30	-97.38	-24.40	-29.88	91.76	299.80	-53.52	30.69	-25.35	54.90	-181.16
PITCHRH_SIN		0.00	2317.18	-458.42	-0.47	52.25	151.80	181.21	-39.19	-11.90	-64.04	-347.45	-12.09	-4.87	-27.93	-6.26	-205.23
ROLLRH_COS		-727.71	-1861.17	488.30	-37.19	-138.19	-587.60	-129.17	22.24	92.39	-19.99	128.82	-17.89	36.18	-48.10	46.03	16.96
ROLLRH_SIN		0.00	-8396.92	-633.26	-10.85	151.90	-72.41	-159.14	-6.87	-3.18	58.46	-8.77	-39.79	-4.22	12.93	-5.09	-347.21
TORQ_COS		30646.23	530.57	18.75	-23.29	-40.90	78.77	-2.96	-6.12	-17.03	-1.73	37.02	3.78	1.37	-1.62	-8.01	-4.32
TORQ_SIN		0.00	514.74	-22.33	17.18	48.67	27.55	8.17	13.34	19.83	-4.80	-10.70	6.99	-7.46	5.78	-9.52	30.91
THRUST_COS		5806.01	-71.50	-8.55	7.53	4.72	-15.67	0.40	-1.33	2.24	-0.17	-2.86	8.43	-1.26	-0.62	0.47	-9.15
THRUST_SIN		0.00	-11.72	11.34	4.55	0.91	-17.54	2.39	12.48	-0.92	0.06	-2.32	-1.88	2.25	0.24	0.43	24.88

RUN	POINT	Harmonics															
52	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.07	-26.27	-12.01	-1.31	-16.55	40.27	7.22	-0.98	-1.57	0.95	-5.44	0.70	-1.65	1.48	-1.41	0.19
SIDERH_SIN		0.00	197.21	12.25	2.83	-55.77	-24.87	9.74	-0.44	1.86	-3.11	-0.07	2.79	0.30	-0.21	0.05	10.01
DRAGRH_COS		-207.91	225.83	8.07	-0.21	-14.86	46.40	-3.82	-0.87	1.96	-3.88	-13.34	4.74	-0.23	1.21	-2.61	7.16
DRAGRH_SIN		0.00	-47.47	13.85	-0.08	9.06	32.13	-24.71	2.97	1.79	4.44	24.88	-1.17	1.96	1.82	-0.04	8.97

RUN	POINT	Harmonics															
52	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.71	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.03	0.01	0.01	0.01	0.01	0.01
ACT1DISP_COS		2.66	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.62	1.28	10.30	-3.05	-3.03	-0.77	1.85	0.26	-0.39	0.03	0.21	0.11	-0.07	0.04	0.00	-0.13
ACT1FORCE_SIN		0.00	10.30	3.07	2.90	0.18	0.13	-0.74	-0.15	0.35	-0.03	-0.78	0.25	0.35	0.16	0.09	0.37
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.71	-12.48	14.42	17.01	25.80	3.44	-16.28	-0.03	-0.01	0.05	0.16	-0.01	-0.05	-0.06	-0.11	-0.05
FA1IBVOLTAGE_SIN		0.00	-59.40	-301.07	-15.92	-0.34	-2.75	8.87	-0.06	0.02	0.03	-0.09	0.05	0.06	-0.03	-0.08	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.18	12.73	-13.93	-17.08	-26.27	-3.63	16.13	0.03	0.13	-0.02	-0.12	0.01	0.03	0.04	0.10	0.06
FA1OBVOLTAGE_SIN		0.00	59.53	301.97	16.29	0.98	2.76	-9.04	0.01	-0.07	-0.03	0.11	-0.02	-0.02	0.01	0.07	0.07
MRBLD1CB42P75_COS		-4003.20	-1282.04	-128.58	297.50	5.27	-46.49	-8.81	-74.27	31.57	27.92	7.85	-8.43	7.53	-3.02	-43.40	9.86
MRBLD1CB42P75_SIN		0.00	-438.10	-58.84	29.00	75.59	-10.53	-7.88	74.96	-44.48	33.21	-37.08	-35.09	-20.29	-13.60	-27.33	-25.53

RUN	POINT	Harmonics															
52	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2765.24	-638.85	210.34	232.08	67.31	-43.25	-35.26	-62.89	14.15	27.78	22.98	-3.49	2.10	-0.17	-29.23	-0.61
MRBLD1CB70_SIN		0.00	-252.21	-71.85	57.83	152.27	7.31	12.66	64.78	-17.28	32.91	-32.84	-23.65	-11.60	-5.12	-16.16	-19.73
MRBLD1CB120_COS		-560.66	-180.72	355.51	181.75	86.13	0.86	-24.24	-24.41	-24.89	2.61	11.21	11.26	-3.73	-0.56	7.52	6.48
MRBLD1CB120_SIN		0.00	-14.81	-106.05	-6.44	146.53	16.17	23.70	32.21	12.67	-19.08	28.06	16.48	7.40	7.27	1.44	-1.44
MRBLD1CB164_COS		-1982.69	-66.25	142.56	39.66	3.03	-3.46	-9.01	18.70	-21.03	-0.72	-2.54	11.93	0.61	-0.65	8.98	-7.68
MRBLD1CB164_SIN		0.00	43.16	-61.44	20.38	68.37	11.95	11.68	-11.39	12.85	-30.62	27.44	18.25	6.47	0.10	11.43	15.56
MRBLD1FB42P75_COS		3114.07	77.60	-459.61	468.69	-61.07	20.35	0.85	-77.37	-15.81	30.82	38.90	3.31	9.06	-8.26	-73.39	-13.20
MRBLD1FB42P75_SIN		0.00	67.36	-55.85	42.35	83.38	35.99	-3.82	202.73	-55.55	-55.50	-10.15	-37.04	-29.06	-3.52	34.83	-58.03
MRBLD1FB70_COS		403.95	-86.25	-236.15	126.71	-37.22	1.00	5.22	-7.89	-0.34	2.08	-2.65	-4.13	-2.17	0.65	15.80	2.51
MRBLD1FB70_SIN		0.00	-148.34	-13.21	11.03	12.21	0.87	-1.64	38.89	-5.81	1.13	2.10	3.20	2.26	-0.26	-5.41	12.98
MRBLD1FB87_COS		-89.61	-46.41	-176.99	44.87	-39.12	-14.44	-3.50	8.35	5.28	-1.95	-2.23	4.47	-0.17	1.34	15.14	2.35
MRBLD1FB87_SIN		0.00	-142.09	17.08	43.88	13.98	-1.87	-3.36	-21.51	2.97	7.40	4.44	10.06	8.60	2.80	-6.29	12.67
MRBLD1FB120_COS		-469.86	-42.72	-238.93	31.39	-17.60	-5.55	-5.04	12.71	0.64	-1.09	-0.55	-2.68	1.61	0.29	-21.56	-2.98
MRBLD1FB120_SIN		0.00	-179.58	19.86	107.95	28.41	10.32	6.82	-49.00	15.92	0.47	-9.56	-9.84	-7.69	-4.66	7.39	-18.00
MRBLD1FB164_COS		-109.58	24.32	-449.23	78.29	101.83	30.00	28.64	-18.61	1.33	6.71	0.40	8.00	6.92	2.61	9.35	2.34
MRBLD1FB164_SIN		0.00	-200.95	167.15	65.35	14.84	-19.09	-11.65	55.56	-19.78	6.27	15.43	13.33	3.18	-1.24	-1.60	13.88

RUN	POINT	Harmonics															
52	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.57	23.85	-289.09	44.77	99.67	13.59	7.01	-13.18	3.86	0.86	1.22	11.59	-2.05	-1.80	-22.88	1.20
MRBLD1FB180_SIN		0.00	-144.12	148.74	15.23	-6.00	-22.36	-12.95	40.77	-31.10	0.60	3.68	7.20	-4.22	-5.25	9.20	-19.58
MRBLD1TOR51_COS		-1376.79	68.88	-151.68	41.67	-5.19	-9.82	13.77	4.97	6.49	1.42	1.12	5.77	2.38	0.44	-8.49	2.86
MRBLD1TOR51_SIN		0.00	-14.13	136.57	-18.24	5.35	-3.74	-15.64	42.20	3.41	-1.11	-6.43	1.06	0.78	0.45	-1.01	-2.49
MRBLD1TOR71_COS		-235.11	74.54	-147.91	16.04	-3.03	-7.42	13.79	10.38	3.27	-1.83	-1.23	4.25	1.40	0.88	-3.28	2.11
MRBLD1TOR71_SIN		0.00	-16.71	124.91	-30.78	-4.04	-4.31	-11.78	34.09	5.96	-0.74	-4.63	2.92	2.28	1.59	-0.81	-0.27
MRBLD1TOR130_COS		-2.08	74.27	-124.13	-6.65	6.03	-7.63	8.01	3.61	2.44	0.68	-0.45	1.81	0.65	-1.17	1.50	-2.02
MRBLD1TOR130_SIN		0.00	-8.75	133.01	-34.95	-1.99	0.40	-6.97	28.97	2.95	2.10	1.47	-0.21	0.29	-0.14	-2.03	1.17
MRBLD1TOR164_COS		-204.25	51.09	-26.11	-23.18	-8.97	-12.44	-3.10	1.20	0.87	2.37	1.63	0.06	0.08	0.47	-0.40	1.62
MRBLD1TOR164_SIN		0.00	5.59	91.81	-40.03	-9.17	3.42	-2.03	10.97	1.21	2.13	3.59	0.99	0.00	-0.26	-4.17	-1.11
MRFBM1CB26P5_COS		-4769.05	-538.88	-91.68	83.62	-3.95	-4.53	7.34	-5.33	4.81	-0.10	-2.60	0.39	2.19	-0.59	-2.71	4.97
MRFBM1CB26P5_SIN		0.00	-243.80	-0.26	-21.54	-14.18	-10.45	-6.30	2.98	-9.48	-1.53	0.16	-0.75	-0.82	-0.31	-2.45	-1.34
MRFBM1FB9_COS		343.05	-50.78	211.16	-106.88	12.25	2.24	0.43	11.01	-2.17	-2.37	-2.10	-1.24	-1.11	-0.28	1.39	-1.64
MRFBM1FB9_SIN		0.00	97.75	48.82	-58.75	-13.31	-3.76	1.76	-5.66	1.54	-0.89	-0.46	0.93	0.10	0.53	2.18	0.76
MRFBM1TOR26P5_COS		-364.64	95.85	-1.23	0.11	-0.30	0.16	0.02	0.25	-0.05	-0.05	-0.10	0.02	-0.03	0.00	-0.04	-0.02
MRFBM1TOR26P5_SIN		0.00	-66.85	0.63	0.23	-0.40	-0.03	-0.15	0.19	0.17	0.03	-0.07	0.00	0.04	0.01	0.19	0.00

RUN	POINT	Harmonics															
52	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1095.38	-1237.29	-210.41	295.19	-17.77	-26.84	2.78	-58.26	20.15	23.32	4.73	-1.40	8.46	-2.19	-37.58	14.95
MRPC1CB33P25_SIN		0.00	-393.22	-23.54	-12.61	28.40	-7.76	-12.34	61.35	-42.08	12.54	-17.36	-22.40	-13.87	-8.94	-21.75	-23.29
MRPC1FB33P25_COS		2282.21	27.87	-347.43	374.03	-66.75	3.70	2.09	-140.23	14.31	54.61	38.40	27.27	25.48	-2.58	-75.09	43.70
MRPC1FB33P25_SIN		0.00	179.22	-120.73	129.16	60.31	32.93	-4.18	125.79	-51.19	-24.47	14.25	-22.28	-13.54	-7.68	-44.61	-44.56
MRPC1TOR25P5_COS		-806.15	-64.95	154.39	-42.79	5.15	-0.12	-20.86	-15.68	-7.00	0.60	0.59	-6.97	-1.97	-1.43	2.98	1.58
MRPC1TOR25P5_SIN		0.00	79.83	-197.16	39.08	2.39	6.98	15.17	-40.66	-9.10	2.15	6.57	-4.15	-3.23	-1.07	-10.44	-3.17
MRPLK1LOAD_COS		-91.80	7.05	20.21	-4.48	0.38	0.35	-2.66	-1.72	-0.95	0.45	0.17	-0.94	-0.29	-0.04	1.31	0.00
MRPLK1LOAD_SIN		0.00	-16.71	-21.36	4.28	0.13	0.99	2.17	-5.87	-0.97	0.22	1.36	-0.65	-0.38	-0.28	-2.08	-0.38
PITCHRH_COS		10532.17	-8594.57	-452.45	-41.77	-102.51	-145.47	-111.60	-56.42	-19.60	98.55	280.87	-54.91	22.45	-44.95	23.15	-262.61
PITCHRH_SIN		0.00	2332.39	-422.32	-34.13	61.71	-19.29	223.61	-70.31	-15.30	-72.31	-371.90	-41.42	6.36	-11.68	-34.51	-234.80
ROLLRH_COS		-1474.11	-1891.21	465.18	-10.92	-174.76	-342.33	-152.13	21.27	134.00	-3.11	124.71	19.42	50.38	-50.36	26.73	23.39
ROLLRH_SIN		0.00	-8407.82	-609.80	-29.13	190.54	90.31	-143.89	-14.99	-0.22	77.41	5.40	-43.34	8.27	52.92	-21.76	-526.09
TORQ_COS		30494.62	525.67	14.27	-20.38	-51.87	87.47	-2.32	-11.42	-16.49	0.68	24.83	3.94	1.65	-2.15	-7.18	-5.42
TORQ_SIN		0.00	483.83	-20.97	19.68	45.60	52.92	5.78	25.73	32.11	-6.77	-3.28	6.51	-6.39	6.51	-11.53	29.95
THRUST_COS		5860.68	-72.06	-4.28	3.61	5.61	-10.18	1.77	-3.85	1.69	-1.46	-13.48	7.58	-1.40	-0.14	2.40	-12.86
THRUST_SIN		0.00	-10.94	16.71	1.16	2.52	-25.46	2.29	22.23	-0.66	0.33	5.37	-1.95	0.50	-1.55	-1.76	33.04

RUN	POINT	Harmonics															
52	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.33	-25.00	-11.88	-0.19	-12.37	25.04	8.49	-0.79	-2.90	-0.24	-5.30	-1.48	-2.01	1.53	-0.83	0.10
SIDERH_SIN		0.00	201.91	10.30	0.89	-73.39	-21.68	10.87	-0.41	1.88	-3.76	-1.40	2.80	-0.17	-1.49	0.55	15.27
DRAGRH_COS		-213.24	226.75	5.19	0.09	-17.32	47.00	-1.55	-0.82	3.82	-5.90	-10.64	5.03	-0.09	2.27	-1.12	11.17
DRAGRH_SIN		0.00	-48.01	14.73	0.14	9.17	16.81	-28.92	1.56	2.25	4.44	28.36	1.94	1.42	1.19	0.74	10.29

RUN	POINT	Harmonics															
52	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.04	0.00	0.01	0.00	0.00	0.02	0.00	-0.01	-0.01	0.01	0.00	-0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.02	0.00	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.67	1.34	9.86	-2.37	-2.95	-1.03	-0.61	0.39	-0.06	-0.18	-0.62	0.32	0.06	-0.21	0.20	-0.15
ACT1FORCE_SIN		0.00	9.87	-1.92	2.09	0.80	0.34	-1.87	0.20	0.61	-0.05	0.51	0.03	0.34	0.27	0.14	0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.86	-13.34	-133.85	15.50	23.89	4.87	6.85	-0.09	-0.09	0.00	-0.13	0.00	-0.04	-0.03	0.03	0.04
FA1IBVOLTAGE_SIN		0.00	-58.84	-275.69	-9.72	-6.68	-2.42	15.92	0.01	0.02	-0.02	-0.05	0.03	0.02	-0.06	-0.04	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.03	13.56	134.69	-15.41	-23.69	-5.03	-7.10	0.01	0.00	0.00	0.14	0.02	0.05	0.03	-0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	58.93	276.29	10.07	7.39	2.55	-15.87	-0.03	-0.11	-0.01	0.02	-0.03	-0.04	0.05	0.04	0.02
MRBLD1CB42P75_COS		-4005.72	-1215.41	-104.60	288.04	24.83	-52.31	-22.76	-56.41	15.33	32.15	-0.69	-15.43	1.28	-4.72	-44.17	-1.10
MRBLD1CB42P75_SIN		0.00	-372.48	-42.96	10.64	67.58	-4.18	-0.88	61.70	-22.24	31.97	-1.20	-30.10	-27.01	-20.51	-24.69	-27.61

RUN	POINT	Harmonics															
52	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2764.83	-592.12	223.29	228.97	89.81	-46.32	-46.56	-48.55	6.18	33.24	23.01	-9.43	-1.83	-2.50	-30.86	-9.90
MRBLD1CB70_SIN		0.00	-217.17	-57.08	42.09	140.74	30.22	22.13	56.70	-1.29	30.09	-9.02	-20.52	-14.54	-8.44	-13.01	-20.40
MRBLD1CB120_COS		-553.88	-160.93	364.72	179.06	108.67	1.18	-25.73	-14.69	-21.11	-4.61	12.00	14.84	0.49	-0.14	6.96	7.38
MRBLD1CB120_SIN		0.00	-11.42	-87.73	-18.36	135.56	48.43	34.71	24.48	9.00	-19.68	10.48	13.03	11.11	9.22	0.37	-4.92
MRBLD1CB164_COS		-1978.40	-62.48	129.69	42.13	10.11	-3.17	-7.13	15.87	-14.19	-9.11	-5.02	17.28	4.55	0.24	10.51	-2.64
MRBLD1CB164_SIN		0.00	42.40	-61.46	12.36	63.02	25.77	13.97	-11.77	4.32	-28.77	12.54	16.08	9.52	1.63	9.86	17.62
MRBLD1FB42P75_COS		3111.56	53.33	-435.93	460.25	-35.62	11.14	-10.90	-62.37	-32.33	15.29	29.72	2.07	-0.10	-16.50	-70.98	-32.29
MRBLD1FB42P75_SIN		0.00	56.25	-52.64	8.35	72.06	38.12	14.00	148.22	-22.73	-38.21	21.62	-35.81	-32.72	-8.90	36.29	-50.83
MRBLD1FB70_COS		404.52	-91.69	-229.66	124.70	-29.13	-1.30	2.02	-4.53	-1.64	1.42	-2.01	-3.95	-0.93	2.23	15.26	6.64
MRBLD1FB70_SIN		0.00	-144.29	-13.44	-2.48	7.60	1.82	1.83	28.68	-1.31	1.12	2.76	2.89	2.49	0.58	-6.20	11.58
MRBLD1FB87_COS		-89.13	-50.60	-177.34	45.05	-36.15	-14.08	-2.90	7.36	7.79	0.58	-0.71	5.03	2.58	3.50	14.75	6.04
MRBLD1FB87_SIN		0.00	-138.01	14.99	34.62	12.23	-0.74	-3.51	-17.23	-1.50	4.45	-3.74	9.68	9.83	4.60	-6.06	11.02
MRBLD1FB120_COS		-472.37	-44.73	-246.16	37.49	-18.27	-5.59	-2.35	8.33	2.79	-0.41	-1.00	-3.27	-1.75	-1.97	-20.16	-8.84
MRBLD1FB120_SIN		0.00	-172.88	14.64	97.23	29.08	8.16	1.96	-34.29	9.74	-0.67	-8.21	-9.74	-8.96	-6.10	7.36	-16.78
MRBLD1FB164_COS		-107.86	20.71	-368.70	79.42	111.96	37.87	28.17	-17.50	-5.84	6.47	4.64	8.69	6.88	1.57	7.33	5.96
MRBLD1FB164_SIN		0.00	-205.92	181.45	68.43	19.73	-17.44	-13.89	35.96	-12.53	6.42	9.62	11.98	3.94	0.27	-1.06	13.85

RUN	POINT	Harmonics															
52	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.50	25.24	-213.81	38.09	106.97	25.77	8.09	-13.39	-0.62	4.33	6.48	13.88	-1.60	-4.65	-21.79	-5.63
MRBLD1FB180_SIN		0.00	-153.92	165.58	28.24	-5.29	-20.59	-7.20	24.94	-26.76	-1.46	-14.04	2.91	-1.42	-2.27	10.30	-21.09
MRBLD1TOR51_COS		-1379.19	75.36	-62.97	26.79	-8.48	-16.34	5.36	8.25	7.07	1.28	1.24	4.04	2.43	-1.56	-9.09	2.17
MRBLD1TOR51_SIN		0.00	-29.16	174.14	-2.06	3.10	-0.63	-8.03	32.55	6.45	1.85	-0.77	-0.70	1.10	1.11	-0.76	-3.86
MRBLD1TOR71_COS		-237.29	79.16	-65.54	2.20	-7.61	-12.79	7.23	11.72	4.98	-1.51	-0.20	3.30	1.68	-0.42	-4.01	1.78
MRBLD1TOR71_SIN		0.00	-31.38	160.17	-13.65	-5.45	-2.04	-5.58	26.90	7.58	1.56	-1.34	1.63	2.94	2.22	-0.17	-1.75
MRBLD1TOR130_COS		-4.58	79.77	-40.45	-18.96	0.87	-11.42	3.60	5.28	2.20	0.40	-1.64	1.58	0.85	-0.58	0.89	-2.26
MRBLD1TOR130_SIN		0.00	-24.34	167.23	-15.73	-2.94	2.64	-1.69	22.69	4.64	3.03	4.10	0.18	0.26	0.09	-0.90	1.44
MRBLD1TOR164_COS		-205.11	56.80	28.71	-31.71	-12.86	-14.47	-5.23	1.09	1.19	3.31	3.78	1.08	0.17	1.61	-0.18	0.73
MRBLD1TOR164_SIN		0.00	-5.84	115.48	-25.84	-11.22	4.13	1.78	9.48	1.18	1.20	0.92	2.04	0.22	-0.59	-3.07	-1.53
MRFBM1CB26P5_COS		-4771.80	-507.62	-80.44	78.26	-2.53	-6.09	6.18	-4.70	2.28	-1.39	-5.54	0.44	1.97	-0.51	-2.60	4.76
MRFBM1CB26P5_SIN		0.00	-209.16	6.05	-23.61	-14.14	-14.47	-6.62	1.16	-7.43	-1.02	2.15	-0.69	-1.64	-1.01	-2.76	-2.42
MRFBM1FB9_COS		337.45	-76.89	196.92	-108.56	8.30	3.21	2.22	8.05	-0.58	-1.83	-0.90	-1.03	-1.21	-0.43	1.35	-1.29
MRFBM1FB9_SIN		0.00	97.80	43.17	-49.44	-13.12	-4.60	0.87	-4.39	0.92	-0.91	-1.26	0.95	0.42	0.77	2.10	1.32
MRFBM1TOR26P5_COS		-364.74	95.69	-0.67	0.03	-0.37	0.12	-0.10	0.24	-0.01	-0.04	-0.07	-0.02	-0.02	0.00	-0.03	0.00
MRFBM1TOR26P5_SIN		0.00	-67.33	0.83	0.32	-0.39	0.00	-0.06	0.14	0.18	0.09	0.00	-0.05	0.04	0.02	0.14	0.02

RUN	POINT	Harmonics															
52	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1096.39	-1179.35	-182.73	283.44	-4.34	-33.13	-8.40	-44.09	6.68	23.03	-5.10	-4.51	3.99	-3.44	-38.05	5.99
MRPC1CB33P25_SIN		0.00	-337.26	-8.98	-25.53	24.14	-8.69	-5.97	47.02	-24.40	12.65	7.05	-20.49	-19.18	-14.73	-20.42	-27.06
MRPC1FB33P25_COS		2281.34	7.30	-331.84	374.36	-42.68	-3.38	-13.42	-107.09	-13.42	34.03	13.18	25.18	21.49	-3.34	-74.70	26.47
MRPC1FB33P25_SIN		0.00	167.24	-116.46	98.66	56.69	32.70	5.89	89.49	-33.23	-20.10	32.41	-22.08	-22.43	-17.61	-40.69	-57.55
MRPC1TOR25P5_COS		-803.19	-73.85	61.68	-26.56	9.86	6.86	-12.74	-17.56	-9.49	0.43	-1.18	-5.38	-2.78	1.11	2.46	-0.86
MRPC1TOR25P5_SIN		0.00	94.09	-238.24	19.70	4.33	4.81	6.83	-30.86	-11.31	-1.60	2.39	-0.94	-4.40	-3.09	-7.72	-3.46
MRPLK1LOAD_COS		-91.50	6.34	8.03	-2.36	0.93	1.22	-1.45	-2.03	-1.22	0.49	-0.05	-0.54	-0.37	0.32	1.04	-0.32
MRPLK1LOAD_SIN		0.00	-14.65	-26.44	1.80	0.48	0.59	1.05	-4.47	-1.34	-0.33	0.47	-0.13	-0.53	-0.55	-1.59	-0.50
PITCHRH_COS		10887.55	-8595.69	-415.84	-77.76	-116.16	-66.84	-55.30	-116.48	-43.62	87.25	153.26	-35.83	19.17	-25.59	10.29	-283.75
PITCHRH_SIN		0.00	2356.43	-392.39	-36.46	80.20	-11.52	268.63	-55.75	-42.85	-63.34	-353.74	-35.58	7.77	-28.85	-32.80	-153.27
ROLLRH_COS		-1471.42	-1860.40	440.42	-0.32	-165.09	-204.24	-140.01	9.50	148.41	36.66	125.99	0.99	35.38	-69.19	32.93	-146.73
ROLLRH_SIN		0.00	-8399.19	-588.60	-47.48	228.20	245.07	-94.78	-18.63	-29.69	89.90	-30.64	-30.92	3.34	22.26	-39.37	-459.43
TORQ_COS		30417.63	528.78	8.64	-12.26	-69.41	93.35	-6.66	-2.18	-8.15	1.08	32.75	1.87	3.22	-1.21	-7.77	-5.91
TORQ_SIN		0.00	475.83	-33.83	16.68	58.98	58.56	3.59	23.45	19.64	-8.26	-11.11	5.12	-8.48	6.21	-9.83	37.71
THRUST_COS		5842.94	-71.87	3.10	2.33	9.16	-8.69	0.67	5.20	1.93	-2.28	-3.29	5.17	-1.04	0.87	2.51	-4.28
THRUST_SIN		0.00	-8.22	21.82	-1.44	0.73	-27.00	1.57	21.66	-0.28	0.27	-5.77	-1.14	-0.30	-0.42	1.72	36.98

RUN	POINT	Harmonics															
52	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.01	-23.39	-12.40	-0.59	-22.17	13.59	9.94	0.02	-2.14	-2.46	-6.23	-0.31	-1.64	2.25	-1.08	5.20
SIDERH_SIN		0.00	202.76	9.88	0.56	-80.62	-27.54	7.65	-0.04	2.81	-4.21	0.21	1.87	-0.02	-0.66	1.07	13.30
DRAGRH_COS		-213.25	227.09	4.99	0.20	-17.94	52.41	-6.41	-1.67	4.93	-4.84	-4.58	3.28	0.66	1.28	-0.17	11.39
DRAGRH_SIN		0.00	-48.32	15.93	0.37	11.73	9.58	-30.79	-0.89	3.15	3.20	28.62	1.35	1.80	2.17	0.66	7.14

RUN	POINT	Harmonics															
52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.78	0.00	0.00	0.00	0.00	0.03	0.00	-0.02	0.01	0.00	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.26	0.00	-0.01	0.00	0.00	0.01	0.02	0.00	-0.01	0.00	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.42	1.10	7.26	-2.52	-3.10	-0.17	-1.30	0.65	-0.38	-0.79	0.59	0.07	0.20	0.20	-0.10	0.06
ACT1FORCE_SIN		0.00	10.43	-5.00	1.37	0.37	-0.08	0.38	0.38	0.59	-0.10	-0.22	0.09	0.58	0.27	0.16	0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.48	-14.28	-251.94	17.65	24.11	2.20	10.22	0.01	-0.04	-0.11	0.05	-0.06	-0.08	-0.08	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-66.65	-185.98	-6.99	-4.67	3.55	-5.52	0.03	0.18	-0.05	0.07	0.01	0.04	-0.01	0.00	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.42	14.43	253.06	-17.46	-23.50	-2.29	-10.31	-0.06	0.02	0.07	-0.07	0.05	0.08	0.07	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	66.73	185.94	7.26	4.88	-3.42	5.71	-0.02	-0.10	0.05	-0.06	-0.03	-0.03	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-3981.10	-1485.01	-95.68	242.00	42.69	-39.52	-29.07	-54.19	20.57	22.59	-4.44	-3.68	2.78	-8.74	-50.28	-1.77
MRBLD1CB42P75_SIN		0.00	-500.38	-58.15	14.64	14.75	-6.12	-2.09	49.74	-6.27	22.12	-18.16	-35.04	-22.87	-17.97	-24.94	-32.72

RUN	POINT	Harmonics															
52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2780.25	-758.58	239.12	194.66	109.72	-1.07	-52.48	-51.72	4.57	27.32	9.93	-2.78	-0.75	-3.64	-32.55	-11.21
MRBLD1CB70_SIN		0.00	-303.18	-62.22	34.34	94.16	31.55	5.45	44.89	3.83	23.00	-16.98	-25.56	-13.06	-5.17	-15.51	-23.91
MRBLD1CB120_COS		-544.72	-221.73	395.04	151.98	105.10	60.11	-25.74	-16.28	-29.93	-6.83	18.74	11.15	-0.28	0.28	6.20	8.13
MRBLD1CB120_SIN		0.00	-51.13	-86.08	-31.10	82.14	59.30	5.89	15.48	-4.44	-14.57	11.21	15.66	8.80	8.10	-0.06	-3.90
MRBLD1CB164_COS		-1974.82	-75.49	128.17	29.94	2.58	26.07	-3.38	15.74	-17.56	-10.26	10.21	12.68	3.03	-0.33	11.75	-1.40
MRBLD1CB164_SIN		0.00	35.30	-59.39	-1.98	35.80	32.52	2.19	-9.54	-7.00	-25.08	14.65	20.25	9.34	0.80	11.67	18.26
MRBLD1FB42P75_COS		3096.54	126.22	-442.85	361.09	-155.61	11.97	-15.41	-58.07	-29.81	-3.91	34.82	13.50	2.96	-19.00	-81.75	-39.95
MRBLD1FB42P75_SIN		0.00	74.71	-65.92	15.12	-75.63	42.06	2.02	110.55	-24.41	-31.21	-29.23	-45.77	-32.14	-4.75	45.67	-56.56
MRBLD1FB70_COS		406.57	-92.66	-232.17	90.47	-62.09	-0.19	-0.11	-5.27	-1.28	-0.69	-2.37	-3.83	-1.34	2.16	16.89	7.59
MRBLD1FB70_SIN		0.00	-145.08	-19.42	-0.22	-36.14	3.57	-0.31	22.42	-0.74	1.74	2.14	3.31	2.94	0.39	-7.97	12.62
MRBLD1FB87_COS		-87.15	-51.95	-182.68	26.92	-48.79	-13.89	-3.92	5.31	6.70	3.52	-1.99	2.44	2.04	4.26	17.28	8.13
MRBLD1FB87_SIN		0.00	-137.02	10.46	32.40	-4.19	-0.26	-2.42	-14.45	-2.18	2.92	6.02	11.82	9.68	3.40	-8.10	11.85
MRBLD1FB120_COS		-472.67	-46.72	-265.65	22.43	-13.38	-4.35	3.76	10.52	3.65	2.44	1.22	-1.73	-2.37	-3.45	-23.96	-11.99
MRBLD1FB120_SIN		0.00	-168.29	11.04	86.76	39.30	3.37	3.79	-25.81	8.89	0.06	-7.20	-10.35	-9.38	-4.54	10.88	-17.46
MRBLD1FB164_COS		-104.71	6.58	-325.61	66.52	160.04	39.46	20.88	-13.71	-4.90	2.57	-0.08	5.84	8.56	4.85	10.82	6.69
MRBLD1FB164_SIN		0.00	-214.31	146.83	80.49	75.06	-10.11	-19.75	22.30	-11.46	5.95	13.82	12.98	4.19	-0.79	-4.20	13.53

RUN	POINT	Harmonics															
52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.46	16.51	-163.30	31.91	135.03	31.24	1.38	-18.07	-3.84	3.50	-0.43	7.52	0.33	-3.70	-28.13	-11.54
MRBLD1FB180_SIN		0.00	-161.95	136.37	40.15	25.32	-12.37	-11.89	13.88	-27.21	-4.48	5.04	8.56	-2.78	-3.91	13.91	-21.28
MRBLD1TOR51_COS		-1383.98	67.34	30.42	16.37	-17.59	-18.48	10.99	8.41	2.16	-2.18	1.57	4.28	3.88	-0.59	-10.64	1.46
MRBLD1TOR51_SIN		0.00	-47.37	158.92	25.91	-6.43	-2.41	0.21	31.30	7.69	0.87	-4.97	0.41	2.61	1.09	-2.41	-7.15
MRBLD1TOR71_COS		-240.21	74.37	22.82	-4.00	-14.34	-15.71	12.21	11.28	0.50	-3.75	-0.50	2.92	2.60	0.44	-5.45	1.43
MRBLD1TOR71_SIN		0.00	-47.05	146.63	12.95	-7.89	-3.96	2.96	27.11	8.67	1.40	-3.35	2.78	3.82	2.07	-1.34	-3.41
MRBLD1TOR130_COS		-7.43	74.34	49.06	-18.95	-0.81	-14.04	6.97	5.87	-0.06	-1.67	0.31	2.38	0.00	-1.36	0.41	-1.92
MRBLD1TOR130_SIN		0.00	-41.74	152.28	10.12	2.89	1.36	4.34	22.16	5.68	2.85	1.34	0.68	0.20	-0.18	-0.40	3.40
MRBLD1TOR164_COS		-206.70	53.68	92.37	-27.21	-16.67	-15.46	-4.47	-0.07	1.21	3.66	1.39	0.75	-0.76	0.29	-1.06	0.79
MRBLD1TOR164_SIN		0.00	-18.20	107.59	-9.17	-16.39	4.41	4.72	8.74	1.25	2.05	2.99	1.60	-1.33	-0.45	-1.75	0.36
MRFBM1CB26P5_COS		-4751.95	-635.01	-79.59	71.93	1.39	-13.69	6.82	-3.07	4.09	-1.98	-1.48	1.49	2.07	-1.12	-3.67	4.94
MRFBM1CB26P5_SIN		0.00	-276.68	0.29	-16.96	-14.93	-16.48	-2.15	1.62	-3.74	-1.51	-0.21	-0.39	-1.01	-1.68	-2.46	-2.67
MRFBM1FB9_COS		319.45	29.83	199.70	-83.94	14.02	1.85	0.85	6.92	-0.81	-1.28	-2.04	-1.62	-1.25	-0.22	1.48	-1.53
MRFBM1FB9_SIN		0.00	97.38	54.96	-42.40	9.71	-5.29	1.25	-2.59	1.07	-0.15	-0.39	0.75	0.28	0.79	2.37	1.54
MRFBM1TOR26P5_COS		-364.68	96.59	0.03	0.05	-0.31	0.13	-0.01	0.23	-0.05	-0.04	-0.10	-0.03	0.01	0.03	-0.01	0.01
MRFBM1TOR26P5_SIN		0.00	-66.83	0.91	0.54	-0.28	0.06	0.07	0.17	0.13	0.07	-0.03	-0.03	0.06	0.05	0.09	-0.05

RUN	POINT	Harmonics															
52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1074.40	-1420.80	-172.73	241.18	0.30	-33.57	-10.12	-38.78	11.98	13.91	0.75	4.41	5.44	-6.82	-44.49	5.55
MRPC1CB33P25_SIN		0.00	-437.29	-28.18	-12.76	-25.33	-9.23	-4.51	37.77	-12.54	6.74	-9.45	-22.10	-15.94	-13.25	-20.15	-31.82
MRPC1FB33P25_COS		2266.42	74.09	-342.37	293.35	-107.50	-2.15	-14.78	-88.95	-9.71	17.37	45.09	39.91	23.25	-8.88	-89.19	26.44
MRPC1FB33P25_SIN		0.00	189.11	-126.33	86.67	-91.19	36.98	-6.51	61.52	-32.97	-25.59	-1.25	-22.37	-19.24	-16.38	-43.29	-66.41
MRPC1TOR25P5_COS		-802.01	-55.67	-43.01	-17.58	18.87	11.76	-20.28	-16.70	-4.19	3.87	-1.02	-3.35	-5.16	-1.32	1.20	0.20
MRPC1TOR25P5_SIN		0.00	114.81	-218.59	-11.46	8.45	7.79	-1.43	-30.94	-11.81	-0.40	5.52	-3.34	-5.75	-2.86	-5.92	2.00
MRPLK1LOAD_COS		-90.91	6.98	-4.86	-1.20	2.67	1.56	-2.22	-2.00	-0.43	0.96	-0.07	-0.33	-0.82	-0.12	0.78	-0.13
MRPLK1LOAD_SIN		0.00	-12.44	-24.23	-2.53	1.44	0.89	-0.25	-4.35	-1.47	-0.16	1.08	-0.38	-0.80	-0.63	-1.22	0.64
PITCHRH_COS		8996.94	-8598.03	-342.06	-124.75	-125.71	-428.12	-32.82	-79.58	-32.27	105.77	159.88	-0.51	13.16	-25.79	36.74	-405.02
PITCHRH_SIN		0.00	2346.67	-405.58	-37.31	79.20	-394.99	189.28	8.53	-24.29	-69.38	-343.32	-23.31	21.73	-22.73	-14.93	-126.67
ROLLRH_COS		-1524.17	-1839.64	431.82	8.92	-116.19	382.61	-95.28	38.35	125.85	-12.63	123.28	8.03	28.23	-60.40	36.13	-161.48
ROLLRH_SIN		0.00	-8402.41	-532.57	-25.32	231.41	-239.34	-169.63	25.73	-34.25	101.23	-64.35	-8.15	9.08	18.14	-36.27	-528.29
TORQ_COS		30892.70	511.16	-5.95	-9.10	-104.45	117.28	-4.94	-7.25	-21.46	0.06	24.03	1.98	1.58	-0.61	-9.84	-3.86
TORQ_SIN		0.00	449.54	-26.92	16.91	47.27	89.81	4.58	9.80	-1.60	-7.99	-6.33	3.99	-9.80	8.34	-11.71	38.02
THRUST_COS		5792.13	-72.11	13.12	1.74	14.74	-7.72	-0.40	-1.12	3.70	-0.59	-13.22	1.47	-1.68	1.58	0.37	2.73
THRUST_SIN		0.00	-7.87	22.00	-3.84	2.94	-28.01	3.88	10.27	2.28	0.72	2.59	-3.34	-1.02	0.71	-0.10	39.77

RUN	POINT	Harmonics															
52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.17	-21.03	-13.53	-3.11	-34.90	13.20	2.57	0.16	-1.77	-0.25	-5.16	-0.11	-1.29	1.87	-1.32	5.76
SIDERH_SIN		0.00	203.72	8.46	-0.22	-73.62	21.31	7.93	-1.96	2.20	-4.82	1.55	1.04	-0.20	-0.34	1.25	15.63
DRAGRH_COS		-227.99	227.16	4.03	-0.55	-17.76	23.40	-2.21	-6.79	5.86	-5.79	-5.63	1.97	0.83	1.29	-1.94	18.22
DRAGRH_SIN		0.00	-48.22	18.51	-0.34	12.48	-27.29	-21.75	0.83	0.44	2.82	27.45	-0.48	0.69	0.73	0.14	5.73

RUN	POINT	Harmonics															
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.31	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.02	0.00	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.42	0.93	3.01	-2.86	-3.15	-0.28	0.91	0.43	-0.31	-0.31	-0.79	0.09	0.25	-0.03	0.24	-0.08
ACT1FORCE_SIN		0.00	11.16	-6.53	0.98	0.12	-1.11	1.29	0.17	0.46	0.32	-0.26	0.11	0.17	0.06	-0.15	0.07
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.17	-16.75	-306.63	21.36	24.79	4.97	-10.83	0.04	0.09	-0.01	-0.08	0.02	-0.01	0.02	0.05	0.01
FA1IBVOLTAGE_SIN		0.00	-73.11	-48.68	-8.47	-4.52	8.26	-10.63	-0.04	0.02	0.00	-0.13	0.04	-0.02	0.01	-0.02	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.72	16.83	307.50	-21.17	-24.42	-5.06	10.90	-0.07	0.01	0.01	0.10	-0.01	0.02	-0.03	-0.05	-0.03
FA1OBVOLTAGE_SIN		0.00	73.23	48.16	8.63	4.10	-8.17	10.69	0.06	-0.08	0.00	0.12	-0.03	0.00	-0.01	0.04	0.05
MRBLD1CB42P75_COS		-3982.76	-1558.52	-62.47	225.15	26.05	-57.07	-38.32	-50.26	24.67	32.16	-0.60	-16.61	1.04	-9.31	-48.97	-4.22
MRBLD1CB42P75_SIN		0.00	-420.56	-76.02	16.55	-4.63	-7.11	3.51	45.28	-6.70	23.18	-14.28	-27.08	-22.55	-20.37	-28.35	-31.61

RUN	POINT	Harmonics															
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2787.06	-800.68	264.60	182.11	91.40	-17.92	-61.39	-48.82	8.07	36.69	22.18	-11.04	-0.91	-4.95	-31.99	-13.70
MRBLD1CB70_SIN		0.00	-264.82	-72.01	28.34	76.31	15.86	5.13	46.40	4.14	21.47	-12.58	-18.13	-12.56	-8.44	-17.85	-22.28
MRBLD1CB120_COS		-534.06	-234.73	421.44	140.49	79.52	56.36	-27.97	-19.18	-32.59	-6.91	9.17	16.57	-0.39	1.24	8.40	7.03
MRBLD1CB120_SIN		0.00	-46.68	-97.41	-39.24	67.76	39.53	-4.90	19.46	-3.15	-10.11	13.32	10.86	7.62	7.14	0.12	-3.98
MRBLD1CB164_COS		-1971.75	-76.64	121.51	19.08	-12.58	26.72	-0.84	12.22	-22.15	-15.11	-5.80	16.70	3.77	0.96	11.11	1.67
MRBLD1CB164_SIN		0.00	35.69	-56.57	-8.63	29.79	23.52	-3.31	-6.15	-6.65	-19.54	12.15	14.85	8.13	3.08	13.42	18.32
MRBLD1FB42P75_COS		3088.29	140.79	-428.59	317.61	-228.42	19.93	-23.67	-64.98	-29.59	12.52	8.81	3.90	-2.20	-22.40	-82.40	-44.05
MRBLD1FB42P75_SIN		0.00	56.93	-83.95	19.02	-84.79	71.97	9.73	100.97	-19.44	-15.73	3.67	-38.30	-31.38	-9.77	35.58	-51.11
MRBLD1FB70_COS		404.96	-95.61	-227.60	73.59	-83.84	-0.07	-2.43	-6.22	-0.94	1.50	-1.74	-3.15	-0.59	2.78	17.34	8.43
MRBLD1FB70_SIN		0.00	-140.91	-25.83	0.49	-40.22	11.24	1.10	20.33	-0.67	1.87	2.23	3.02	3.13	1.26	-5.80	11.77
MRBLD1FB87_COS		-88.70	-54.54	-183.56	15.86	-56.35	-13.50	-3.86	5.65	6.47	0.58	3.34	4.18	2.58	5.17	17.54	8.83
MRBLD1FB87_SIN		0.00	-131.70	8.24	30.62	-6.79	1.95	-1.89	-13.06	-2.46	0.33	-0.24	9.65	9.01	4.19	-6.39	10.75
MRBLD1FB120_COS		-476.14	-47.17	-276.62	10.02	-7.80	-5.73	6.34	13.01	3.00	0.07	0.04	-2.33	-2.36	-4.84	-24.14	-12.67
MRBLD1FB120_SIN		0.00	-161.10	18.72	80.41	41.96	-0.65	0.87	-24.58	7.89	-0.40	-6.44	-8.93	-9.12	-5.34	8.24	-15.93
MRBLD1FB164_COS		-105.90	-12.04	-275.99	73.16	194.39	50.77	14.67	-19.29	-4.87	3.74	3.40	6.76	6.87	4.13	9.78	5.85
MRBLD1FB164_SIN		0.00	-217.20	85.95	88.83	78.86	-24.26	-19.96	18.76	-8.84	8.66	9.75	10.67	3.13	-0.89	-3.23	12.25

RUN	POINT	Harmonics															
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.08	1.84	-116.11	39.20	151.87	41.11	-6.48	-25.95	-4.13	2.40	9.63	10.30	1.14	-2.87	-26.08	-10.14
MRBLD1FB180_SIN		0.00	-163.88	77.78	47.37	27.38	-21.80	-10.25	14.06	-22.60	-5.56	-6.36	6.15	-1.53	-3.08	10.76	-19.61
MRBLD1TOR51_COS		-1387.48	54.40	110.92	24.91	-23.04	-17.37	12.74	2.64	1.11	1.70	0.08	2.91	2.30	-1.35	-8.59	1.02
MRBLD1TOR51_SIN		0.00	-63.04	100.04	48.59	-6.14	3.32	-1.86	33.70	6.49	0.51	-2.22	-0.18	1.04	-0.07	-2.60	-6.63
MRBLD1TOR71_COS		-243.16	62.26	97.73	5.54	-17.09	-14.14	14.31	6.04	-0.36	-0.90	-0.67	2.53	1.80	-0.05	-4.15	1.17
MRBLD1TOR71_SIN		0.00	-62.23	91.54	34.54	-6.50	0.32	0.80	29.48	7.36	0.20	-1.46	1.93	2.74	1.43	-1.71	-3.23
MRBLD1TOR130_COS		-10.42	61.29	122.80	-6.35	-0.56	-12.70	8.24	2.53	-0.72	-0.38	-1.89	1.67	0.41	-0.83	0.14	-1.83
MRBLD1TOR130_SIN		0.00	-57.98	95.79	30.92	6.03	3.49	2.39	24.01	5.44	3.14	2.48	0.15	0.29	0.00	-0.74	3.45
MRBLD1TOR164_COS		-207.74	45.49	141.41	-18.00	-20.12	-15.78	-5.07	-1.29	1.02	3.10	3.35	1.13	0.06	0.71	-1.99	0.53
MRBLD1TOR164_SIN		0.00	-29.44	70.44	3.82	-16.41	8.02	4.21	10.74	1.22	0.98	2.80	1.75	0.23	-0.03	-2.47	0.06
MRFBM1CB26P5_COS		-4752.28	-675.94	-65.72	70.38	2.56	-15.67	7.14	-2.62	4.10	-2.56	-5.67	0.56	1.68	-0.90	-3.30	4.77
MRFBM1CB26P5_SIN		0.00	-244.19	-8.17	-12.89	-16.49	-14.17	-1.13	-0.07	-4.07	-0.76	-0.61	-0.90	-1.61	-1.45	-3.02	-2.92
MRFBM1FB9_COS		312.94	57.16	188.21	-73.10	21.97	2.92	1.23	6.85	-0.64	-1.45	-1.01	-0.98	-1.02	-0.27	1.28	-1.23
MRFBM1FB9_SIN		0.00	68.24	65.49	-38.49	15.00	-7.33	1.38	-1.88	1.18	-0.73	-0.10	0.98	0.60	1.04	2.49	1.71
MRFBM1TOR26P5_COS		-364.71	96.78	0.60	0.14	-0.27	0.16	0.05	0.21	-0.10	0.02	-0.07	-0.03	-0.03	0.01	0.01	0.01
MRFBM1TOR26P5_SIN		0.00	-67.29	0.55	0.64	-0.22	0.11	0.08	0.19	0.12	0.04	0.00	-0.02	0.04	0.03	0.14	-0.06

RUN	POINT	Harmonics															
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1079.08	-1480.74	-140.06	227.36	-15.28	-43.60	-15.67	-36.61	13.54	19.86	-6.70	-4.73	3.08	-6.87	-42.19	2.56
MRPC1CB33P25_SIN		0.00	-355.14	-50.11	-5.32	-39.64	-2.56	-0.49	32.06	-12.59	10.92	-5.81	-17.95	-16.35	-15.73	-23.05	-31.23
MRPC1FB33P25_COS		2261.18	90.15	-332.30	257.62	-165.44	-4.85	-24.54	-90.26	-11.66	21.28	8.19	27.43	19.20	-7.32	-81.03	20.07
MRPC1FB33P25_SIN		0.00	171.74	-134.72	80.87	-115.52	61.66	-3.07	51.67	-29.47	-6.48	7.12	-22.50	-22.22	-22.41	-50.54	-66.74
MRPC1TOR25P5_COS		-799.32	-40.78	-127.86	-28.12	22.08	10.17	-22.93	-10.39	-2.46	-0.81	0.22	-3.19	-2.81	-0.33	-0.69	0.10
MRPC1TOR25P5_SIN		0.00	129.95	-154.49	-37.31	7.41	1.53	1.43	-33.94	-10.16	0.51	3.18	-1.92	-3.20	-1.92	-7.37	1.65
MRPLK1LOAD_COS		-90.56	8.64	-15.82	-2.52	3.39	1.27	-2.57	-1.17	-0.16	0.19	0.10	-0.14	-0.39	0.08	0.43	-0.21
MRPLK1LOAD_SIN		0.00	-10.37	-16.06	-5.86	1.19	0.05	0.07	-4.72	-1.27	-0.06	0.61	-0.31	-0.34	-0.46	-1.54	0.58
PITCHRH_COS		8487.85	-8594.04	-291.50	-145.67	-99.03	-699.88	-98.00	-21.96	-14.61	114.11	113.78	-16.29	8.81	-1.59	26.61	-354.36
PITCHRH_SIN		0.00	2349.57	-435.81	-26.63	86.45	-434.51	283.24	22.96	29.62	-71.65	-312.73	-35.78	4.35	-37.73	-8.84	-146.54
ROLLRH_COS		-898.00	-1837.04	447.55	-8.81	-79.91	439.51	-135.58	64.62	79.76	12.66	89.38	25.36	24.13	-44.89	34.95	-164.29
ROLLRH_SIN		0.00	-8395.85	-524.81	-51.76	192.18	-515.45	-130.80	-3.02	-49.91	87.11	-65.94	-12.57	2.52	8.88	-31.02	-511.52
TORQ_COS		30894.98	499.58	-12.44	-4.09	-101.11	155.68	-5.15	-13.21	-22.71	1.58	31.99	2.96	5.16	-0.01	-9.23	-1.53
TORQ_SIN		0.00	452.29	-23.82	16.29	54.34	98.44	0.28	16.48	2.68	-5.68	-2.83	5.17	-7.77	7.81	-9.65	42.42
THRUST_COS		5775.74	-71.60	21.01	-2.06	14.54	-0.73	2.75	-5.37	2.73	-1.17	0.83	3.30	0.49	-0.07	0.58	6.46
THRUST_SIN		0.00	-9.45	19.01	-3.53	2.70	-39.10	2.58	15.57	1.66	1.13	0.72	-2.59	-0.52	1.03	1.25	41.26

RUN	POINT	Harmonics															
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.21	-18.95	-14.36	-3.49	-38.42	21.54	6.71	-1.92	-1.28	-1.33	-5.05	-1.43	-1.18	1.55	-1.09	5.72
SIDERH_SIN		0.00	203.61	8.88	-0.59	-63.84	36.47	9.41	-1.81	2.25	-4.19	1.68	1.23	-0.18	-0.07	0.92	15.41
DRAGRH_COS		-233.51	227.11	5.62	0.16	-17.94	3.20	1.71	-5.42	3.16	-7.55	-1.42	2.78	0.35	0.89	-1.37	15.96
DRAGRH_SIN		0.00	-49.05	20.19	-0.29	11.95	-37.43	-32.86	6.61	-0.89	3.54	27.66	1.29	1.90	1.26	-0.30	7.09

RUN	POINT	Harmonics															
52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.48	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.03	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.36	1.41	-1.41	-3.73	-3.06	-0.83	1.98	0.37	-0.37	-0.21	0.52	0.11	0.15	0.25	-0.09	0.05
ACT1FORCE_SIN		0.00	11.22	-6.12	0.98	0.20	-1.00	-1.04	-0.26	0.18	-0.15	0.71	-0.11	0.08	0.21	0.23	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.04	-19.98	-283.10	26.66	21.35	5.77	-16.79	-0.04	-0.09	0.00	0.00	0.02	0.03	-0.04	-0.02	0.04
FA1IBVOLTAGE_SIN		0.00	-68.80	101.70	-11.29	-3.95	6.60	12.25	-0.02	-0.07	0.01	0.17	0.00	0.04	0.04	0.08	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.84	20.01	283.54	-26.52	-21.61	-5.82	16.77	0.02	-0.03	0.02	-0.01	0.00	-0.06	0.05	0.01	-0.04
FA1OBVOLTAGE_SIN		0.00	68.95	-102.56	11.35	3.42	-6.45	-12.30	0.04	-0.01	-0.02	-0.16	0.01	-0.01	-0.04	-0.06	-0.04
MRBLD1CB42P75_COS		-3972.37	-1494.51	-36.23	188.39	17.09	-64.25	-61.54	-59.89	29.62	27.61	30.35	-11.38	0.80	-14.80	-44.47	-8.54
MRBLD1CB42P75_SIN		0.00	-282.35	-85.56	2.52	-18.33	-12.86	9.08	31.03	-3.68	19.55	3.68	-29.07	-20.29	-22.28	-29.61	-30.18

RUN	POINT	Harmonics															
52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2793.13	-762.86	289.44	150.18	66.87	-29.71	-87.90	-55.05	11.24	30.80	46.47	-6.35	-1.75	-8.24	-30.13	-17.35
MRBLD1CB70_SIN		0.00	-176.16	-74.54	5.24	66.06	-2.34	6.25	33.79	7.22	18.49	-9.28	-19.76	-10.73	-10.66	-21.17	-21.15
MRBLD1CB120_COS		-535.21	-222.84	449.26	114.03	51.53	52.00	-46.48	-16.27	-32.86	-6.27	-3.20	14.48	-0.40	2.94	7.41	7.19
MRBLD1CB120_SIN		0.00	0.51	-109.09	-61.99	61.93	19.27	-8.34	8.56	-2.36	-10.38	10.11	12.25	6.26	7.95	1.62	-3.86
MRBLD1CB164_COS		-1973.21	-72.95	121.42	0.35	-27.98	24.22	0.58	15.07	-22.82	-11.49	-22.29	13.20	5.31	2.53	9.75	3.58
MRBLD1CB164_SIN		0.00	50.91	-48.76	-24.90	26.12	18.04	-7.87	-7.24	-9.50	-17.79	13.00	15.39	6.25	5.49	15.87	19.20
MRBLD1FB42P75_COS		3071.69	121.41	-424.66	204.81	-236.51	43.41	-46.84	-85.90	-16.91	14.50	46.79	2.68	-3.99	-27.66	-77.53	-47.39
MRBLD1FB42P75_SIN		0.00	29.61	-108.43	2.90	-96.26	80.02	33.15	65.04	-25.72	-22.52	29.91	-37.26	-27.74	-6.54	29.45	-42.80
MRBLD1FB70_COS		403.75	-95.80	-227.64	32.55	-86.87	4.69	-8.20	-10.03	0.41	0.94	-0.26	-2.99	-0.13	3.95	16.15	9.28
MRBLD1FB70_SIN		0.00	-137.19	-32.12	-7.42	-44.25	13.47	6.96	15.24	-0.11	2.07	1.90	2.93	2.76	1.04	-4.53	9.86
MRBLD1FB87_COS		-87.89	-54.44	-187.16	-10.42	-57.93	-12.86	-3.40	7.69	5.37	0.35	-5.90	4.26	2.75	6.38	16.33	9.29
MRBLD1FB87_SIN		0.00	-129.74	8.32	25.14	-8.59	3.07	-2.36	-9.82	-0.96	1.94	-5.56	9.70	7.87	3.39	-4.56	9.26
MRBLD1FB120_COS		-473.86	-43.16	-285.32	-19.49	-6.65	-8.93	14.10	18.26	1.23	-0.13	0.84	-2.03	-3.28	-6.07	-22.84	-14.48
MRBLD1FB120_SIN		0.00	-167.10	30.52	72.26	42.04	-0.10	-4.24	-18.43	5.96	-1.05	-4.61	-8.20	-7.58	-5.40	4.92	-14.59
MRBLD1FB164_COS		-106.47	-26.50	-261.05	62.66	209.14	58.84	12.52	-25.00	-4.30	3.30	-2.06	5.93	8.01	5.91	9.15	7.13
MRBLD1FB164_SIN		0.00	-240.80	7.04	97.57	82.22	-35.29	-13.37	9.84	-5.46	8.18	5.06	10.15	2.80	-0.93	-2.15	11.28

RUN	POINT	Harmonics															
52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.22	-12.29	-101.28	45.58	161.36	49.69	-9.98	-33.57	-2.96	4.05	-10.85	7.42	2.02	-1.06	-23.72	-13.13
MRBLD1FB180_SIN		0.00	-176.33	-1.31	52.69	31.89	-34.08	-5.21	8.50	-18.15	-6.69	-18.29	7.50	-1.13	-4.75	6.24	-16.70
MRBLD1TOR51_COS		-1391.68	37.38	152.81	37.12	-24.15	-15.66	0.44	-5.04	1.14	0.38	6.20	1.92	2.81	1.32	-6.82	1.37
MRBLD1TOR51_SIN		0.00	-70.78	11.96	59.08	-3.91	3.75	-3.51	26.32	5.22	-2.91	-5.73	0.69	1.82	0.71	-1.76	-5.69
MRBLD1TOR71_COS		-246.47	45.08	136.25	21.12	-17.68	-12.82	4.86	-0.90	-0.97	-2.25	3.24	1.61	2.24	2.35	-3.24	1.15
MRBLD1TOR71_SIN		0.00	-70.64	8.92	46.20	-3.72	0.66	-0.79	24.70	6.24	-2.31	-5.73	2.83	3.31	2.12	-0.92	-2.93
MRBLD1TOR130_COS		-13.18	43.70	159.66	14.14	-0.85	-11.79	1.18	-2.72	-1.03	-1.82	0.03	2.20	0.46	-1.34	-0.87	-2.61
MRBLD1TOR130_SIN		0.00	-66.93	12.38	43.16	8.86	2.58	1.87	20.37	5.22	2.04	3.82	0.23	0.43	-0.68	-1.16	2.79
MRBLD1TOR164_COS		-208.69	33.19	166.51	-0.33	-20.97	-15.11	-10.12	-3.72	0.90	1.69	0.26	1.40	-0.66	-0.93	-1.76	-0.79
MRBLD1TOR164_SIN		0.00	-32.66	14.82	11.99	-15.90	7.81	4.95	10.19	1.59	1.64	0.14	1.64	-0.28	-1.21	-3.58	-1.27
MRFBM1CB26P5_COS		-4745.59	-647.82	-56.26	67.31	7.60	-15.58	7.56	-4.09	4.84	-1.80	-5.04	0.17	1.92	-0.97	-2.38	4.44
MRFBM1CB26P5_SIN		0.00	-179.88	-14.70	-8.75	-18.82	-12.16	-0.05	-0.96	-4.33	-0.85	3.63	-1.03	-1.69	-1.34	-2.82	-2.94
MRFBM1FB9_COS		293.04	30.36	182.17	-46.19	22.79	1.73	3.53	6.31	-1.08	-1.58	-1.35	-1.00	-0.92	-0.14	0.96	-0.97
MRFBM1FB9_SIN		0.00	41.27	75.75	-25.44	16.85	-8.81	1.11	0.30	0.74	-0.66	-1.85	0.90	0.47	1.18	2.46	1.85
MRFBM1TOR26P5_COS		-364.84	96.40	0.86	0.27	-0.28	0.17	-0.07	0.18	-0.12	0.01	0.02	-0.05	-0.03	0.05	0.05	0.04
MRFBM1TOR26P5_SIN		0.00	-67.96	-0.16	0.70	-0.15	0.08	0.01	0.12	0.14	-0.03	-0.09	0.01	0.05	0.05	0.16	-0.02

RUN	POINT	Harmonics															
52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1071.24	-1419.90	-117.02	196.38	-14.77	-45.27	-31.70	-43.65	19.13	18.58	13.61	-2.52	3.11	-10.90	-37.48	-1.33
MRPC1CB33P25_SIN		0.00	-232.59	-65.67	-8.74	-50.41	-1.02	6.03	19.15	-10.85	8.21	13.19	-19.59	-14.36	-16.84	-23.96	-30.12
MRPC1FB33P25_COS		2249.39	73.80	-327.21	167.13	-170.25	11.63	-50.70	-91.74	1.33	26.22	21.05	26.56	15.42	-14.48	-73.28	10.05
MRPC1FB33P25_SIN		0.00	143.96	-150.64	46.64	-127.51	73.41	8.06	15.26	-28.67	-10.10	48.26	-22.34	-20.04	-25.01	-50.77	-65.30
MRPC1TOR25P5_COS		-795.31	-25.91	-169.87	-44.28	22.04	9.12	-10.70	-2.06	-1.22	0.18	-5.41	-1.12	-3.83	-4.70	-2.38	-2.81
MRPC1TOR25P5_SIN		0.00	136.00	-61.37	-52.75	4.99	-0.39	3.52	-27.85	-9.38	4.14	9.61	-3.17	-3.75	-4.24	-9.46	-0.86
MRPLK1LOAD_COS		-89.93	11.10	-21.46	-4.39	3.54	1.05	-0.79	-0.06	-0.05	0.32	-1.02	0.15	-0.56	-0.53	0.05	-0.76
MRPLK1LOAD_SIN		0.00	-9.12	-3.94	-7.74	0.75	-0.08	0.37	-3.71	-1.17	0.64	1.53	-0.56	-0.45	-0.83	-1.92	0.02
PITCHRH_COS		8923.53	-8581.36	-295.34	-142.18	-70.14	-819.24	-37.40	36.52	-10.82	132.09	168.15	-13.71	-3.41	21.37	0.69	-380.29
PITCHRH_SIN		0.00	2374.00	-493.51	18.49	95.81	-393.07	288.32	17.86	1.06	-45.58	-276.45	-35.75	3.60	5.76	-20.09	-124.14
ROLLRH_COS		-183.34	-1838.77	456.23	-35.70	-89.15	440.42	-149.20	44.79	80.70	41.51	112.71	34.16	21.31	-10.01	38.68	-172.49
ROLLRH_SIN		0.00	-8403.49	-493.68	-79.18	172.17	-479.92	-153.02	6.20	-30.59	98.55	-54.12	-25.59	-9.11	-26.23	-46.26	-488.80
TORQ_COS		30960.15	490.96	-12.75	-10.72	-81.41	178.59	-7.14	-2.91	-19.29	0.64	30.36	2.15	1.19	-2.24	-11.57	2.98
TORQ_SIN		0.00	450.83	-23.11	12.03	55.30	102.35	-2.50	11.18	3.35	-5.33	-14.16	6.21	-8.68	5.80	-9.71	46.41
THRUST_COS		5721.31	-70.10	24.47	-5.38	11.69	-2.85	4.55	0.05	1.75	-2.35	-10.34	5.14	-0.20	-1.33	0.71	8.55
THRUST_SIN		0.00	-7.02	11.96	2.83	1.78	-45.36	2.46	9.13	2.35	0.89	-10.05	-1.73	0.95	0.70	4.43	39.13

RUN	POINT	Harmonics															
52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.90	-17.67	-15.10	-2.96	-36.27	24.32	7.62	-2.49	-1.51	-2.92	-5.34	-1.83	-1.03	0.42	-1.19	5.48
SIDERH_SIN		0.00	204.31	9.88	-0.92	-61.78	31.21	11.28	-1.26	2.11	-4.29	2.06	1.93	0.43	1.26	1.15	14.86
DRAGRH_COS		-231.63	227.16	8.20	0.76	-17.35	-2.73	-2.36	-0.95	3.50	-8.80	-3.36	3.40	1.81	-0.56	0.26	17.17
DRAGRH_SIN		0.00	-48.90	20.71	-0.19	11.21	-31.94	-34.82	7.92	-0.32	0.85	24.71	1.60	1.45	0.58	0.43	5.93

RUN	POINT	Harmonics															
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.26	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	-0.02	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.88	2.10	-4.80	-4.19	-2.03	-0.64	-0.41	0.28	0.07	-0.21	-0.10	-0.03	0.32	0.12	-0.08	-0.26
ACT1FORCE_SIN		0.00	11.33	-3.84	1.14	-0.34	-0.33	-1.97	0.07	0.15	-0.04	-0.60	0.22	0.23	0.10	-0.01	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		337.53	-20.75	-189.98	28.22	13.57	3.44	5.81	0.02	-0.02	0.05	0.12	-0.03	-0.04	0.02	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-64.71	222.37	-12.51	3.08	4.48	17.48	0.01	0.04	-0.05	-0.06	0.04	0.03	0.01	-0.09	0.00
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		468.34	20.75	190.09	-28.14	-14.24	-3.37	-5.88	-0.04	-0.01	-0.05	-0.08	0.03	0.06	-0.04	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	64.88	-223.20	12.47	-3.20	-4.37	-17.44	0.01	0.07	0.03	0.05	-0.05	-0.04	-0.03	0.08	0.00
MRBLD1CB42P75_COS		-3947.42	-1587.70	-60.94	179.01	-0.90	-60.65	-59.43	-64.35	30.15	24.83	17.47	-10.96	2.56	-8.05	-44.52	4.45
MRBLD1CB42P75_SIN		0.00	-276.29	-104.32	43.42	-7.12	-9.97	22.32	8.62	-0.08	30.50	-11.00	-18.62	-20.23	-21.40	-35.87	-26.32

RUN	POINT	Harmonics															
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2803.04	-822.97	285.15	127.56	43.41	-29.65	-93.66	-59.48	13.64	29.77	25.69	-8.34	-0.10	-3.22	-28.63	-5.19
MRBLD1CB70_SIN		0.00	-186.18	-91.01	36.55	86.52	19.40	18.45	19.23	10.16	24.35	-3.62	-10.92	-12.52	-9.46	-25.35	-20.01
MRBLD1CB120_COS		-540.29	-245.85	456.28	94.26	34.44	45.04	-54.30	-20.89	-29.07	-4.43	2.95	14.19	-1.16	0.34	8.29	7.29
MRBLD1CB120_SIN		0.00	-20.71	-130.45	-35.83	85.61	41.47	0.68	1.89	-3.22	-11.83	7.98	7.13	6.72	8.53	2.86	-1.88
MRBLD1CB164_COS		-1974.87	-77.03	123.02	-11.03	-32.03	17.83	-4.78	14.21	-22.37	-9.71	-3.49	16.49	3.98	0.55	8.59	-4.15
MRBLD1CB164_SIN		0.00	43.15	-38.58	-14.04	35.23	30.50	-7.21	-3.59	-12.91	-19.04	1.35	9.79	6.45	3.74	18.38	17.50
MRBLD1FB42P75_COS		3057.59	146.89	-454.10	206.78	-217.60	29.12	-23.43	-115.27	-12.14	20.03	21.10	10.87	4.97	-18.73	-87.73	-23.11
MRBLD1FB42P75_SIN		0.00	26.74	-115.98	121.12	-82.33	34.58	50.29	29.12	-26.27	-8.70	-34.98	-37.08	-28.95	-9.49	26.05	-56.00
MRBLD1FB70_COS		403.71	-92.78	-238.59	31.24	-82.47	1.69	-3.38	-15.43	1.20	1.79	-0.84	-3.20	-1.86	1.94	18.59	4.17
MRBLD1FB70_SIN		0.00	-134.31	-35.63	34.36	-38.64	3.48	11.50	8.83	-0.37	3.30	2.61	3.51	3.22	1.16	-3.57	12.63
MRBLD1FB87_COS		-85.70	-51.62	-193.32	-14.21	-56.05	-11.36	-3.10	10.58	4.46	-1.40	0.33	2.97	1.01	4.34	18.40	5.29
MRBLD1FB87_SIN		0.00	-123.38	8.22	49.14	-7.90	0.34	-2.42	-5.78	-0.42	-0.93	7.30	8.67	7.97	4.22	-4.16	11.62
MRBLD1FB120_COS		-468.79	-39.29	-289.90	-32.10	-10.84	-6.43	9.50	26.58	-0.37	-0.01	0.64	-2.04	0.10	-2.21	-25.92	-8.07
MRBLD1FB120_SIN		0.00	-152.66	42.21	97.93	35.41	5.00	-9.40	-8.96	5.37	-1.24	-7.71	-8.10	-8.44	-6.47	4.14	-18.22
MRBLD1FB164_COS		-106.53	-40.40	-289.74	67.14	194.02	56.49	16.25	-37.22	-2.66	3.25	0.25	5.56	6.35	4.75	11.72	4.86
MRBLD1FB164_SIN		0.00	-223.02	-69.51	130.79	74.56	-23.05	-7.81	-4.30	-2.99	10.47	12.89	9.64	4.38	0.19	-2.23	12.12

RUN	POINT	Harmonics															
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.39	-25.33	-128.21	59.91	154.67	46.00	-1.72	-43.76	-0.42	4.01	0.53	4.66	2.92	1.61	-28.13	-6.11
MRBLD1FB180_SIN		0.00	-159.12	-78.80	60.75	34.56	-30.89	-4.83	-4.42	-16.39	-9.55	7.36	6.01	-2.91	-6.14	5.64	-19.52
MRBLD1TOR51_COS		-1392.42	17.84	138.89	57.78	-22.69	-12.71	-2.31	-7.39	2.87	0.85	-0.90	2.13	3.53	1.38	-8.31	1.30
MRBLD1TOR51_SIN		0.00	-69.85	-79.73	73.60	-0.96	0.65	6.89	22.39	1.83	-0.71	-5.13	0.29	0.72	0.96	-2.74	-5.65
MRBLD1TOR71_COS		-246.97	27.65	124.17	41.80	-16.30	-10.25	1.92	-2.62	0.55	-1.53	-2.96	0.95	2.36	2.35	-3.52	0.61
MRBLD1TOR71_SIN		0.00	-68.83	-77.15	55.68	-1.84	-1.30	7.53	22.97	3.02	-0.86	-3.19	2.16	2.10	2.25	-1.82	-2.58
MRBLD1TOR130_COS		-13.24	24.37	146.76	37.02	0.14	-10.52	-0.50	-4.67	-0.46	-1.18	-0.56	1.52	0.37	-0.86	1.21	-2.10
MRBLD1TOR130_SIN		0.00	-64.78	-75.55	45.91	11.39	1.97	8.99	18.20	3.10	3.75	1.12	1.12	0.34	-0.75	-1.59	3.66
MRBLD1TOR164_COS		-208.59	19.57	160.43	16.38	-18.83	-13.05	-9.25	-4.01	1.06	2.76	1.31	1.17	-0.33	0.00	-1.00	1.48
MRBLD1TOR164_SIN		0.00	-32.66	-44.68	8.17	-12.28	3.67	9.75	10.63	0.77	1.10	3.88	1.83	0.73	-0.28	-4.10	0.31
MRFBM1CB26P5_COS		-4727.90	-693.25	-68.14	74.06	6.26	-14.51	9.19	-4.32	4.33	-2.03	-1.39	1.25	2.29	-0.63	-2.92	4.92
MRFBM1CB26P5_SIN		0.00	-175.38	-22.58	-2.97	-22.37	-15.04	0.20	-3.84	-4.22	0.14	-3.17	-1.34	-0.80	-0.93	-3.11	-1.78
MRFBM1FB9_COS		281.81	68.51	200.28	-35.61	22.31	0.72	3.30	6.08	-1.24	-1.19	-2.36	-1.09	-0.96	-0.36	0.97	-1.45
MRFBM1FB9_SIN		0.00	8.21	81.18	-53.75	13.99	-5.39	-0.45	2.71	0.37	-1.14	-0.50	0.47	0.23	0.94	2.67	1.01
MRFBM1TOR26P5_COS		-364.86	96.82	0.87	0.40	-0.30	0.19	-0.14	0.13	-0.10	0.00	-0.07	0.00	-0.03	0.02	-0.04	0.01
MRFBM1TOR26P5_SIN		0.00	-67.81	-0.75	0.72	-0.15	0.06	0.10	0.13	0.11	-0.03	-0.01	0.00	0.03	0.03	0.21	-0.08

RUN	POINT	Harmonics															
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1050.26	-1500.88	-146.11	199.05	-23.85	-42.54	-25.93	-48.70	19.92	16.57	10.98	-0.62	4.96	-5.60	-38.31	10.25
MRPC1CB33P25_SIN		0.00	-220.22	-83.30	27.57	-46.06	-8.69	17.16	-1.22	-9.09	17.27	-10.52	-12.91	-13.27	-15.22	-28.68	-25.37
MRPC1FB33P25_COS		2237.39	97.74	-349.87	146.42	-157.89	11.47	-38.01	-100.53	4.97	23.69	38.95	31.84	22.51	-5.59	-74.68	36.58
MRPC1FB33P25_SIN		0.00	139.85	-155.87	142.74	-111.35	35.18	29.13	-24.74	-26.45	3.62	-12.63	-16.77	-15.25	-20.25	-62.55	-50.65
MRPC1TOR25P5_COS		-795.37	-3.36	-155.90	-69.39	21.25	5.81	-7.69	0.76	-3.28	0.42	3.29	-2.59	-4.39	-3.01	2.59	1.78
MRPC1TOR25P5_SIN		0.00	134.10	37.86	-64.33	3.31	2.86	-7.14	-25.64	-5.30	3.01	6.24	-2.03	-2.71	-3.72	-11.18	2.52
MRPLK1LOAD_COS		-89.75	13.56	-19.69	-7.65	3.37	0.63	-0.29	0.40	-0.34	0.32	0.35	-0.22	-0.66	-0.22	1.19	-0.16
MRPLK1LOAD_SIN		0.00	-9.20	8.62	-9.66	0.46	0.39	-1.19	-3.31	-0.61	0.47	1.04	-0.35	-0.26	-0.75	-2.17	0.67
PITCHRH_COS		8331.74	-8573.49	-282.36	-126.81	-78.51	-760.47	-26.44	-7.77	-12.60	116.16	180.57	5.99	14.26	-16.54	19.94	-388.96
PITCHRH_SIN		0.00	2366.57	-541.86	29.81	87.17	-306.32	271.74	9.76	26.11	-43.23	-281.57	-51.77	10.10	-27.25	-27.95	-188.73
ROLLRH_COS		517.40	-1824.75	506.36	-70.56	-107.09	423.61	-102.12	18.00	57.00	2.78	101.41	25.00	14.43	-33.43	33.57	33.00
ROLLRH_SIN		0.00	-8406.67	-486.67	-97.77	177.71	-491.39	-130.24	0.73	-34.51	84.67	-45.45	-0.82	-0.27	14.25	-19.21	-538.59
TORQ_COS		31206.40	484.92	-11.04	-14.78	-59.21	167.81	-10.48	-1.13	-16.58	-0.20	19.44	0.59	1.21	-0.46	-9.93	2.20
TORQ_SIN		0.00	454.77	-7.92	13.24	47.61	86.26	1.87	17.63	6.13	-5.73	6.08	10.40	-6.14	6.51	-11.40	33.23
THRUST_COS		5683.68	-65.31	24.66	-4.45	8.12	-3.05	-0.04	3.61	0.90	-2.49	-13.78	3.24	-1.85	-1.05	1.28	-8.49
THRUST_SIN		0.00	-9.88	4.83	7.50	3.22	-31.54	0.67	13.28	0.84	-0.39	17.99	2.48	-0.20	0.10	0.48	33.79

RUN	POINT	Harmonics															
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.26	-23.59	-15.50	-3.82	-36.01	24.19	5.91	-1.28	-0.95	-0.71	-4.86	-1.63	-0.76	1.09	-1.02	-0.49
SIDERH_SIN		0.00	205.24	10.78	-1.28	-64.52	26.09	7.24	-0.75	2.39	-3.23	1.02	0.26	0.00	-0.04	0.50	15.90
DRAGRH_COS		-233.71	227.72	9.21	1.25	-18.01	3.48	-8.44	-0.74	1.29	-6.94	-4.23	1.03	-0.10	1.40	-0.86	18.05
DRAGRH_SIN		0.00	-47.89	20.58	-0.19	12.60	-19.30	-33.57	5.02	-1.53	1.01	22.56	2.62	1.27	1.03	0.87	8.57

RUN	POINT	Harmonics															
52	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.71	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.01	0.01	0.01	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.10	2.55	-7.08	-4.37	-2.44	-0.62	-1.31	0.31	-0.44	-0.39	-0.03	0.31	-0.09	-0.06	0.07	-0.13
ACT1FORCE_SIN		0.00	10.90	0.19	1.42	-0.61	-0.14	0.42	0.10	0.15	-0.08	0.79	0.48	0.21	0.16	0.28	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.02	-18.73	-47.86	27.22	18.08	5.78	12.81	0.07	0.02	-0.06	-0.10	-0.07	-0.04	-0.04	0.01	-0.08
FA1IBVOLTAGE_SIN		0.00	-59.80	280.60	-14.35	3.25	2.33	-4.59	0.00	-0.04	-0.04	-0.02	0.07	0.01	0.01	-0.01	-0.04
FA1OBCURRENT_COS		0.02	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.83	18.77	47.30	-27.22	-18.54	-5.68	-12.73	-0.05	0.07	0.05	0.08	0.06	0.02	0.05	0.00	0.08
FA1OBVOLTAGE_SIN		0.00	59.96	-281.41	14.31	-2.74	-2.30	4.73	0.02	0.01	0.04	0.00	-0.08	0.01	-0.01	0.02	0.03
MRBLD1CB42P75_COS		-3956.92	-1491.47	-41.45	188.50	-34.54	-61.49	-47.92	-96.26	39.34	25.87	-11.26	9.18	13.06	-6.57	-34.40	-2.95
MRBLD1CB42P75_SIN		0.00	-122.86	-116.74	60.70	-21.54	-5.09	34.47	28.70	6.12	23.48	-18.01	-18.81	-17.24	-19.49	-29.34	-22.81

RUN	POINT	Harmonics															
52	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2805.36	-766.89	291.23	132.46	5.29	-27.32	-94.40	-75.47	19.43	29.97	15.24	4.36	6.46	-2.75	-20.98	-11.04
MRBLD1CB70_SIN		0.00	-88.85	-103.80	53.35	66.70	15.62	26.09	35.65	15.13	18.74	-20.12	-11.00	-11.23	-9.49	-20.46	-15.37
MRBLD1CB120_COS		-536.91	-229.22	451.99	98.96	-10.20	56.56	-60.52	-22.56	-33.85	-4.53	17.84	4.33	-5.22	0.27	7.74	6.28
MRBLD1CB120_SIN		0.00	22.87	-152.67	-23.75	68.72	29.16	-5.89	12.91	-4.14	-6.49	20.75	7.17	4.97	7.14	3.25	-1.57
MRBLD1CB164_COS		-1976.32	-72.48	128.67	-10.43	-49.87	23.91	-10.46	25.44	-27.59	-9.43	0.10	9.67	-0.23	-0.04	2.90	-0.44
MRBLD1CB164_SIN		0.00	53.64	-30.34	-11.23	30.49	27.43	-14.51	-4.79	-13.51	-13.77	22.52	8.57	4.50	2.81	14.77	14.96
MRBLD1FB42P75_COS		3052.47	116.19	-441.98	222.40	-291.42	46.50	7.06	-166.93	-10.61	22.70	18.56	17.39	10.17	-15.13	-63.99	-27.72
MRBLD1FB42P75_SIN		0.00	-8.28	-127.50	130.81	-69.92	42.75	49.38	96.92	-27.40	-11.78	14.73	-48.15	-34.70	-13.33	14.80	-38.90
MRBLD1FB70_COS		400.09	-89.82	-232.94	34.73	-105.84	6.78	4.67	-23.80	1.92	1.71	-1.54	-3.28	-1.91	1.85	13.75	5.25
MRBLD1FB70_SIN		0.00	-132.61	-37.89	38.64	-37.62	4.41	10.85	20.95	-0.48	2.98	3.19	3.27	3.25	1.86	-0.74	9.39
MRBLD1FB87_COS		-88.16	-48.42	-187.81	-13.90	-64.71	-11.24	-4.07	14.47	4.01	-1.43	2.41	0.79	-0.98	3.00	13.17	5.46
MRBLD1FB87_SIN		0.00	-121.99	11.05	53.45	-6.68	-0.16	-3.55	-11.49	-0.59	0.67	-2.29	12.05	9.55	4.67	-1.94	8.19
MRBLD1FB120_COS		-470.28	-34.06	-277.97	-36.80	-3.06	-9.13	0.59	37.48	-1.29	0.01	-1.71	-1.42	1.19	-1.07	-18.31	-8.13
MRBLD1FB120_SIN		0.00	-156.94	54.75	102.86	36.64	6.20	-7.95	-27.22	5.27	-2.80	-7.54	-9.66	-8.95	-6.54	0.82	-12.43
MRBLD1FB164_COS		-111.55	-42.33	-331.00	74.26	214.58	49.90	27.70	-53.04	1.14	5.18	3.01	4.21	5.30	3.13	7.68	5.51
MRBLD1FB164_SIN		0.00	-222.56	-119.14	130.34	71.17	-39.33	-15.23	23.31	-2.92	13.42	7.75	11.62	5.56	0.90	0.47	10.42

RUN	POINT	Harmonics															
52	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.61	-32.14	-175.15	70.27	168.49	39.91	10.09	-54.57	3.16	5.05	4.56	-2.07	-0.79	2.94	-17.02	-5.84
MRBLD1FB180_SIN		0.00	-151.74	-130.78	54.37	34.67	-43.09	-14.98	22.77	-14.55	-8.36	-13.50	11.78	0.14	-6.33	1.22	-12.54
MRBLD1TOR51_COS		-1391.33	4.12	87.16	83.55	-22.95	-15.01	5.73	-8.25	4.25	1.52	3.74	1.01	0.73	2.19	-5.55	-0.43
MRBLD1TOR51_SIN		0.00	-57.52	-156.47	63.24	2.43	3.16	5.31	30.65	7.12	-0.86	-3.81	0.49	0.83	-0.01	-1.31	-3.72
MRBLD1TOR71_COS		-246.16	13.91	74.51	65.27	-13.30	-12.98	8.26	-0.24	1.43	-1.16	2.73	-0.40	-0.33	2.55	-1.71	0.07
MRBLD1TOR71_SIN		0.00	-58.78	-149.19	44.77	1.61	0.74	5.62	28.97	7.43	-0.99	-3.05	2.53	2.54	1.73	-0.54	-0.95
MRBLD1TOR130_COS		-11.88	10.13	94.25	58.05	5.47	-13.37	4.36	-4.82	0.25	-1.39	-1.08	2.79	1.02	-1.12	0.57	-1.23
MRBLD1TOR130_SIN		0.00	-54.42	-146.96	34.14	14.32	2.94	6.87	23.77	5.72	3.60	3.13	1.80	1.20	-0.37	-1.38	3.40
MRBLD1TOR164_COS		-207.16	8.24	122.63	29.49	-19.26	-14.71	-6.86	-3.09	1.68	2.45	2.68	0.92	1.15	0.06	0.56	1.48
MRBLD1TOR164_SIN		0.00	-24.50	-94.21	-0.38	-11.38	5.65	9.01	12.62	1.20	0.29	1.12	1.90	1.05	-0.18	-3.87	-0.34
MRFBM1CB26P5_COS		-4732.73	-647.01	-58.77	77.00	5.28	-15.99	12.59	-9.06	5.41	-1.85	-6.25	2.07	2.40	-0.16	-1.92	4.15
MRFBM1CB26P5_SIN		0.00	-100.84	-28.15	-0.90	-22.07	-12.89	0.86	-1.82	-4.08	0.27	1.02	-1.65	-0.81	-0.77	-2.65	-2.11
MRFBM1FB9_COS		280.61	15.74	187.68	-37.94	31.53	-0.61	1.05	10.59	-1.30	-1.41	-0.78	-1.62	-1.35	-0.51	0.67	-0.90
MRFBM1FB9_SIN		0.00	-28.59	85.77	-58.27	16.48	-6.50	-1.36	1.96	0.28	-1.12	-0.65	0.32	0.18	0.80	2.01	1.28
MRFBM1TOR26P5_COS		-364.88	96.33	0.48	0.52	-0.23	0.21	-0.05	0.18	-0.09	0.00	-0.02	-0.05	-0.05	0.02	-0.05	-0.02
MRFBM1TOR26P5_SIN		0.00	-68.36	-1.35	0.61	-0.11	0.04	0.08	0.15	0.18	-0.03	-0.03	-0.05	0.02	0.01	0.20	-0.07

RUN	POINT	Harmonics															
52	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1059.82	-1410.95	-128.02	210.06	-50.03	-42.60	-12.18	-79.17	26.84	17.61	-12.50	12.78	12.34	-3.94	-28.09	2.78
MRPC1CB33P25_SIN		0.00	-86.17	-97.73	39.70	-53.54	-2.28	24.51	16.60	-5.68	12.43	-3.88	-15.25	-12.00	-14.05	-23.17	-22.27
MRPC1FB33P25_COS		2232.76	72.22	-335.31	155.80	-221.95	23.90	-14.67	-167.63	6.55	26.57	8.10	44.19	30.64	-0.54	-51.07	18.29
MRPC1FB33P25_SIN		0.00	104.58	-159.44	153.28	-118.65	46.46	39.40	8.01	-26.64	2.60	19.93	-20.52	-15.29	-19.40	-48.62	-45.30
MRPC1TOR25P5_COS		-798.06	7.05	-97.61	-97.51	17.77	9.47	-16.25	-1.82	-5.03	-0.96	-5.11	1.71	0.69	-4.37	2.32	2.93
MRPC1TOR25P5_SIN		0.00	117.99	119.64	-53.28	-2.08	0.41	-4.45	-33.61	-10.62	2.83	3.88	-1.67	-1.83	-1.92	-10.46	1.43
MRPLK1LOAD_COS		-89.97	15.58	-12.33	-11.34	3.17	0.96	-1.52	0.21	-0.55	0.15	-0.63	0.30	0.06	-0.48	1.07	0.27
MRPLK1LOAD_SIN		0.00	-10.81	19.27	-8.02	-0.31	0.14	-0.86	-4.45	-1.42	0.38	0.82	-0.26	-0.03	-0.43	-2.05	0.51
PITCHRH_COS		9263.20	-8581.52	-332.45	-112.47	-48.72	-940.45	-24.53	29.01	24.74	106.36	172.21	-14.94	14.50	35.60	37.17	-284.58
PITCHRH_SIN		0.00	2364.63	-600.97	42.10	73.12	-183.45	242.86	26.70	44.76	-64.34	-233.55	-43.50	23.06	-37.13	-7.11	-205.85
ROLLRH_COS		1327.93	-1803.08	565.71	-104.96	-99.38	313.19	-104.81	39.60	49.87	11.13	101.37	6.39	16.23	-25.71	47.46	84.29
ROLLRH_SIN		0.00	-8425.55	-524.38	-97.01	161.81	-906.81	-154.50	14.75	-7.79	87.02	-58.47	-28.51	15.72	-13.54	-28.73	-344.63
TORQ_COS		31016.56	485.60	-3.97	-17.51	-41.31	189.21	-10.30	4.79	-22.94	1.86	37.73	-1.01	0.77	-2.40	-9.24	-0.92
TORQ_SIN		0.00	470.70	-8.59	3.08	44.17	75.48	3.60	9.91	1.22	-4.93	-9.17	12.39	-8.01	4.60	-10.98	42.36
THRUST_COS		5682.07	-64.76	18.83	-6.43	4.19	-10.03	1.11	5.61	1.82	-0.86	0.94	3.45	-0.50	-2.41	-0.50	-1.99
THRUST_SIN		0.00	-13.04	-2.04	11.10	4.23	-38.92	0.08	7.60	2.25	-0.97	-7.05	4.10	-0.76	0.34	1.77	27.67

RUN	POINT	Harmonics															
52	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-146.06	-25.48	-15.07	-3.67	-32.39	46.30	6.00	-2.72	-0.64	-1.02	-5.30	-0.11	-1.11	0.95	-1.50	-2.21
SIDERH_SIN		0.00	208.25	12.55	-1.84	-55.39	44.53	8.33	-1.08	1.79	-4.21	2.29	1.76	-0.39	0.74	0.82	10.41
DRAGRH_COS		-225.86	228.22	11.86	2.17	-16.30	-25.85	-7.13	-0.39	-0.66	-6.18	-4.48	1.74	-0.42	-0.48	-1.86	13.11
DRAGRH_SIN		0.00	-48.09	20.17	-1.02	13.07	-13.97	-32.25	8.14	-0.12	3.64	20.55	-0.08	1.22	2.74	0.07	9.43

RUN	POINT	Harmonics															
52	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.02	-0.01	0.00	0.01	0.02	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.02	0.01	-0.03	0.01	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.50	2.65	-6.59	-4.81	-2.82	-0.61	0.99	0.51	-0.28	-0.08	0.60	0.49	0.11	0.02	-0.33	-0.22
ACT1FORCE_SIN		0.00	10.41	4.77	1.70	-0.43	-0.05	1.47	0.04	0.51	0.10	-0.66	0.23	0.38	0.15	0.10	0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.63	-18.34	103.21	30.37	19.90	5.62	-7.58	0.03	-0.10	-0.05	0.15	-0.04	-0.02	-0.04	0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-59.49	259.71	-13.94	2.20	1.64	-12.06	-0.04	0.02	0.01	0.07	0.04	0.01	-0.04	-0.01	-0.04
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.21	18.41	-104.07	-30.45	-19.78	-5.54	7.78	0.00	0.02	0.06	-0.14	0.05	0.05	0.03	-0.03	0.03
FA1OBVOLTAGE_SIN		0.00	59.64	-260.11	13.92	-1.58	-1.69	12.03	0.04	-0.08	0.00	-0.05	-0.03	-0.01	0.03	0.01	0.02
MRBLD1CB42P75_COS		-3950.43	-1483.40	-71.49	200.17	-46.21	-59.56	-32.43	-129.11	51.80	21.13	-21.79	25.22	11.21	-7.80	-33.86	-2.97
MRBLD1CB42P75_SIN		0.00	-106.40	-128.30	74.37	-2.31	0.44	33.35	36.44	-4.43	20.79	-44.27	-4.36	-13.63	-19.63	-31.67	-22.79

RUN	POINT	Harmonics															
52	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2809.50	-764.07	275.38	134.05	-14.90	-29.10	-79.84	-101.85	26.35	22.55	-2.65	15.54	5.43	-3.84	-21.19	-12.40
MRBLD1CB70_SIN		0.00	-68.27	-118.00	68.43	97.49	10.35	29.49	39.64	6.90	17.29	-30.45	-4.81	-8.24	-7.84	-21.94	-13.36
MRBLD1CB120_COS		-546.40	-229.87	439.94	100.01	-28.53	52.61	-57.05	-41.48	-35.51	-4.28	30.20	-0.38	-4.29	-0.69	6.27	4.99
MRBLD1CB120_SIN		0.00	44.84	-170.49	-7.55	104.52	13.46	0.21	15.36	-0.30	-1.84	26.92	0.57	3.29	7.25	4.30	-1.05
MRBLD1CB164_COS		-1982.83	-71.75	139.63	-12.47	-53.34	23.74	-13.63	28.79	-31.73	-5.31	20.62	3.21	1.54	0.22	3.84	1.10
MRBLD1CB164_SIN		0.00	60.29	-27.94	-1.79	44.64	19.39	-13.95	-5.48	-5.61	-9.94	28.18	3.63	2.46	0.82	14.33	12.51
MRBLD1FB42P75_COS		3053.68	112.26	-468.33	249.16	-275.07	62.57	20.98	-228.43	9.36	36.32	22.73	46.19	12.28	-17.03	-64.10	-26.69
MRBLD1FB42P75_SIN		0.00	-14.18	-123.43	164.11	-37.36	44.99	45.63	159.44	-30.42	-15.16	-46.60	-44.70	-28.48	-9.04	16.48	-35.79
MRBLD1FB70_COS		398.96	-88.80	-242.68	41.37	-102.20	10.67	8.37	-34.78	3.83	0.90	-3.74	-4.48	-2.47	1.82	13.25	4.71
MRBLD1FB70_SIN		0.00	-135.91	-35.75	51.50	-26.82	5.49	10.90	31.92	-1.86	2.94	2.55	2.80	2.70	1.17	-1.54	8.33
MRBLD1FB87_COS		-88.20	-46.28	-189.91	-11.41	-62.38	-10.19	-3.97	20.37	1.19	-3.44	2.43	-6.08	-0.89	3.81	13.36	5.32
MRBLD1FB87_SIN		0.00	-126.67	13.82	62.56	-2.84	-0.94	-4.83	-17.48	-0.57	1.01	10.43	10.69	7.79	3.42	-2.37	7.63
MRBLD1FB120_COS		-466.47	-32.60	-272.52	-40.61	-4.11	-11.68	-3.50	52.27	-4.31	1.37	-0.64	1.51	1.64	-1.51	-18.47	-7.24
MRBLD1FB120_SIN		0.00	-164.94	61.40	112.15	32.73	6.32	-5.49	-41.06	8.01	-2.79	-9.21	-7.74	-7.24	-4.88	1.90	-10.88
MRBLD1FB164_COS		-111.88	-39.39	-407.04	75.87	190.83	39.03	28.38	-71.86	6.60	3.83	1.09	-1.57	5.76	4.46	8.56	5.89
MRBLD1FB164_SIN		0.00	-216.39	-132.35	125.86	55.84	-42.86	-9.90	42.06	-4.35	12.23	14.40	9.86	4.35	0.10	-0.18	10.93

RUN	POINT	Harmonics															
52	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.58	-34.06	-247.43	76.91	153.86	29.55	12.72	-66.85	6.51	0.76	7.04	-13.41	-0.04	3.48	-17.36	-7.21
MRBLD1FB180_SIN		0.00	-140.51	-146.83	42.97	28.84	-43.84	-15.63	39.62	-16.13	-8.59	9.42	8.60	-0.77	-3.30	4.06	-10.38
MRBLD1TOR51_COS		-1388.02	-3.14	-1.80	99.33	-18.01	-12.07	11.22	-19.02	10.48	0.50	1.50	1.71	2.84	0.70	-6.14	-1.38
MRBLD1TOR51_SIN		0.00	-39.62	-194.27	46.90	7.42	9.17	-3.53	35.78	8.88	-1.22	-7.60	-2.13	2.67	1.83	-1.94	-5.76
MRBLD1TOR71_COS		-243.00	7.20	-8.61	79.13	-8.28	-11.06	12.05	-6.64	6.13	-2.19	-0.10	-1.26	1.34	1.57	-2.44	-0.86
MRBLD1TOR71_SIN		0.00	-42.37	-184.67	27.73	4.44	6.32	-2.38	32.78	8.95	-1.03	-4.43	-0.42	3.65	3.02	-0.52	-2.24
MRBLD1TOR130_COS		-8.19	3.16	10.51	69.48	9.57	-12.29	7.22	-11.58	3.93	-1.56	0.07	2.46	1.14	-0.58	0.15	-1.45
MRBLD1TOR130_SIN		0.00	-36.92	-181.42	15.56	15.11	7.45	0.87	27.47	6.20	4.07	-0.09	2.91	0.62	-0.82	-0.79	4.13
MRBLD1TOR164_COS		-205.58	2.10	67.81	36.36	-15.59	-13.75	-4.87	-4.98	1.90	2.17	1.47	-0.56	0.28	0.86	0.30	1.71
MRBLD1TOR164_SIN		0.00	-11.65	-118.58	-13.46	-7.71	8.92	5.58	14.41	-0.10	0.78	4.39	2.60	-0.29	-0.91	-2.76	1.73
MRFBM1CB26P5_COS		-4731.95	-643.33	-72.23	82.64	6.41	-15.35	12.81	-11.20	7.50	-0.55	-1.92	2.97	2.09	-0.42	-2.11	4.21
MRFBM1CB26P5_SIN		0.00	-96.20	-31.46	-0.81	-24.84	-8.89	-0.43	-0.33	-4.63	0.71	-3.07	0.27	-0.64	-0.92	-2.13	-2.16
MRFBM1FB9_COS		283.88	9.28	205.64	-40.78	31.90	-1.84	0.37	15.48	-1.94	-1.55	-2.13	-1.97	-1.21	-0.36	0.68	-0.77
MRFBM1FB9_SIN		0.00	-35.01	87.28	-68.53	11.96	-7.11	-1.34	2.03	-0.09	-1.18	0.52	-0.54	-0.12	0.85	2.15	1.20
MRFBM1TOR26P5_COS		-364.85	96.23	-0.08	0.60	-0.21	0.21	0.04	0.13	-0.05	-0.04	-0.09	0.01	-0.02	0.00	-0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.18	-1.65	0.49	-0.07	0.07	-0.05	0.15	0.22	-0.07	-0.04	-0.12	0.05	0.04	0.15	-0.10

RUN	POINT	Harmonics															
52	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1053.33	-1402.22	-161.50	226.12	-53.69	-39.51	-1.38	-108.84	38.01	16.32	-10.33	25.20	10.72	-5.82	-28.34	2.38
MRPC1CB33P25_SIN		0.00	-73.80	-105.17	47.46	-42.97	5.64	22.11	25.78	-12.29	11.66	-28.38	-2.58	-9.04	-13.65	-24.20	-21.60
MRPC1FB33P25_COS		2232.57	69.30	-352.48	170.06	-216.49	35.20	-1.87	-240.25	22.63	37.99	45.43	62.96	27.77	-4.79	-52.75	16.31
MRPC1FB33P25_SIN		0.00	98.66	-158.36	186.54	-87.46	52.56	41.84	31.45	-20.66	7.56	-21.25	0.70	-9.68	-18.21	-47.76	-41.89
MRPC1TOR25P5_COS		-802.52	13.81	-2.23	-114.81	11.51	6.26	-21.53	6.22	-11.17	1.07	-1.47	1.49	-2.89	-2.43	2.44	3.11
MRPC1TOR25P5_SIN		0.00	98.62	160.14	-33.28	-5.26	-6.86	6.23	-38.67	-13.06	4.06	6.03	3.71	-4.33	-4.44	-8.19	5.77
MRPLK1LOAD_COS		-90.59	16.50	-0.09	-13.63	2.29	0.61	-2.45	1.56	-1.47	0.38	-0.03	-0.10	-0.45	-0.16	0.96	0.21
MRPLK1LOAD_SIN		0.00	-13.26	24.38	-5.47	-0.97	-0.65	0.59	-5.24	-1.74	0.63	1.33	0.61	-0.49	-0.83	-1.51	1.25
PITCHRH_COS		9510.12	-8593.01	-407.50	-82.12	-43.57	-803.12	-79.39	51.17	10.53	91.47	258.82	-36.85	17.52	-4.62	24.55	-279.89
PITCHRH_SIN		0.00	2348.49	-614.13	53.67	55.99	-137.45	212.73	-14.16	11.67	-70.65	-216.61	-38.98	24.18	-39.29	-0.21	-180.39
ROLLRH_COS		1481.25	-1826.35	574.40	-118.92	-78.59	138.65	-134.79	35.97	66.63	-10.73	104.98	1.65	26.01	-18.41	62.31	56.48
ROLLRH_SIN		0.00	-8411.34	-574.16	-72.92	147.74	-760.78	-163.87	-8.64	7.49	72.98	-45.60	-41.88	31.16	10.59	7.43	-303.86
TORQ_COS		31137.90	480.86	4.83	-21.74	-46.35	188.23	-7.37	-1.03	-27.34	0.54	28.08	-2.83	5.11	-2.79	-10.58	-0.86
TORQ_SIN		0.00	508.98	-4.97	6.18	30.67	53.93	6.14	9.24	5.60	-5.13	1.80	8.18	-7.39	6.39	-10.87	42.49
THRUST_COS		5699.98	-64.41	11.22	-4.88	5.49	-20.87	1.84	0.34	2.49	-0.91	-14.54	0.36	-0.90	-1.73	-2.38	-2.15
THRUST_SIN		0.00	-15.54	-5.40	12.65	7.19	-41.33	-0.73	8.23	1.86	-0.69	14.53	2.78	-2.07	0.49	1.61	21.01

RUN	POINT	Harmonics															
52	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.54	-22.43	-14.56	-3.69	-35.33	41.91	7.25	-2.10	-1.19	0.38	-5.02	0.12	-1.44	0.60	-2.08	-1.00
SIDERH_SIN		0.00	199.35	13.56	-0.64	-49.86	28.73	8.48	0.09	1.74	-3.43	1.23	2.49	-0.98	-0.22	-0.32	9.40
DRAGRH_COS		-222.73	227.52	12.26	2.36	-15.12	-13.20	-4.24	1.73	0.93	-4.76	-9.07	3.18	-0.70	1.05	-1.39	13.07
DRAGRH_SIN		0.00	-48.31	18.09	-1.06	14.07	9.00	-31.16	6.37	0.30	5.54	16.10	-0.78	1.75	1.74	-0.26	7.85

RUN	POINT	Harmonics															
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.04	0.00	0.00	0.00	0.00	0.02	0.00	-0.01	-0.02	0.00	0.00	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.02	0.00	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.37	1.28	9.62	-2.44	-3.02	-0.96	-0.53	0.44	-0.06	-0.21	-0.66	0.28	0.03	-0.24	0.17	-0.21
ACT1FORCE_SIN		0.00	9.89	-1.92	2.11	0.67	0.21	-1.77	0.08	0.56	-0.06	0.46	0.02	0.35	0.25	0.09	0.04
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.94	-13.27	-132.30	15.85	23.45	4.60	5.90	-0.05	-0.10	-0.03	-0.14	0.00	-0.03	-0.01	0.04	-0.02
FA1IBVOLTAGE_SIN		0.00	-58.94	-276.57	-9.96	-6.55	-2.05	15.18	-0.04	0.01	-0.06	-0.07	-0.05	0.00	-0.03	-0.06	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.94	13.50	133.35	-15.73	-23.24	-4.76	-6.18	-0.02	0.02	0.04	0.14	0.03	0.05	0.02	-0.03	0.03
FA1OBVOLTAGE_SIN		0.00	59.03	277.06	10.33	7.30	2.18	-15.13	0.02	-0.11	0.03	0.05	0.04	-0.01	0.04	0.06	0.02
MRBLD1CB42P75_COS		-4024.08	-1262.35	-99.51	288.80	15.94	-48.31	-21.24	-60.01	16.02	26.79	-11.86	-16.69	3.92	-6.16	-48.23	-1.04
MRBLD1CB42P75_SIN		0.00	-370.20	-44.56	19.59	65.79	-4.17	-2.76	74.13	-18.99	34.86	-8.62	-44.77	-31.39	-19.79	-22.37	-24.81

RUN	POINT	Harmonics															
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.65	-619.35	226.50	229.44	80.43	-38.48	-49.71	-50.58	6.34	29.26	20.08	-12.06	-0.64	-4.46	-34.15	-10.68
MRBLD1CB70_SIN		0.00	-219.40	-55.01	49.50	140.64	38.98	13.23	65.01	-0.15	33.94	-12.78	-30.00	-16.79	-7.21	-11.92	-17.94
MRBLD1CB120_COS		-548.31	-168.43	369.52	182.64	96.91	10.37	-31.15	-15.12	-21.17	-2.83	17.21	15.89	-0.98	-0.57	6.49	6.46
MRBLD1CB120_SIN		0.00	-16.07	-83.95	-14.85	133.01	62.03	22.38	27.81	6.75	-21.03	14.99	18.90	12.85	8.90	-0.48	-5.18
MRBLD1CB164_COS		-1977.93	-63.67	132.33	42.79	4.31	-0.12	-9.34	17.61	-13.51	-5.95	-4.04	18.27	3.03	1.17	12.54	-1.06
MRBLD1CB164_SIN		0.00	41.91	-60.34	12.16	60.37	32.33	8.29	-13.63	3.13	-31.30	16.13	22.07	10.90	1.91	10.30	15.75
MRBLD1FB42P75_COS		3119.13	66.57	-430.00	466.23	-71.25	8.77	-5.33	-54.78	-27.43	11.02	15.50	-2.81	-1.27	-18.84	-75.75	-30.95
MRBLD1FB42P75_SIN		0.00	54.11	-58.84	15.57	52.87	24.76	7.56	167.74	-24.94	-40.85	29.54	-45.35	-35.02	-4.29	47.38	-45.47
MRBLD1FB70_COS		405.47	-89.23	-226.73	126.97	-38.84	-0.65	3.36	-3.39	-1.44	0.54	-2.86	-4.31	-0.91	2.85	16.39	6.44
MRBLD1FB70_SIN		0.00	-142.91	-16.69	-0.03	1.98	-0.69	1.14	33.43	-0.42	1.94	2.98	2.77	2.27	-0.18	-8.41	10.00
MRBLD1FB87_COS		-90.06	-48.95	-175.82	45.60	-40.18	-13.92	-2.74	6.71	7.13	1.52	2.99	6.59	2.83	3.94	15.57	5.56
MRBLD1FB87_SIN		0.00	-136.00	12.42	35.13	8.63	-2.52	-4.06	-19.36	-1.24	5.14	-5.17	12.27	10.60	3.36	-8.68	9.96
MRBLD1FB120_COS		-474.87	-45.07	-246.33	35.89	-17.56	-5.75	-2.81	7.21	2.74	-0.01	-1.52	-3.39	-1.66	-2.83	-21.60	-8.02
MRBLD1FB120_SIN		0.00	-170.39	11.82	98.91	30.18	9.06	3.08	-40.39	8.52	-1.50	-7.71	-10.25	-9.02	-4.47	11.29	-14.98
MRBLD1FB164_COS		-107.75	20.49	-371.20	78.82	125.08	38.72	29.95	-15.19	-4.07	5.69	5.79	9.65	7.11	2.55	8.23	4.99
MRBLD1FB164_SIN		0.00	-204.79	178.62	74.09	31.86	-10.78	-12.14	45.03	-11.00	7.21	9.22	13.95	5.27	-0.14	-3.22	12.90

RUN	POINT	Harmonics															
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.39	26.32	-215.21	38.85	116.13	26.34	9.38	-11.55	0.37	5.20	12.91	17.68	-0.49	-4.72	-23.78	-5.27
MRBLD1FB180_SIN		0.00	-153.94	163.64	31.26	2.41	-16.89	-7.31	33.45	-25.23	0.11	-15.46	9.82	2.42	0.08	14.97	-18.23
MRBLD1TOR51_COS		-1381.20	75.26	-62.12	28.04	-10.75	-16.32	7.66	8.38	6.48	0.96	1.92	3.76	2.06	-2.06	-10.10	1.38
MRBLD1TOR51_SIN		0.00	-28.26	174.04	-1.15	2.79	-0.06	-6.70	36.26	6.74	2.22	-0.77	0.66	1.88	1.04	-1.20	-4.22
MRBLD1TOR71_COS		-236.95	79.56	-64.68	3.48	-8.42	-13.08	8.87	11.90	4.23	-1.64	1.04	3.21	1.27	-0.76	-4.99	0.87
MRBLD1TOR71_SIN		0.00	-30.48	160.00	-13.31	-4.86	-1.19	-3.95	29.31	7.76	1.93	-1.09	3.40	3.92	2.28	-0.40	-1.87
MRBLD1TOR130_COS		-4.06	79.78	-40.20	-18.27	1.27	-11.99	4.51	5.25	1.61	-0.02	-2.41	2.10	0.79	-0.68	0.89	-2.07
MRBLD1TOR130_SIN		0.00	-23.75	167.41	-15.76	-1.22	3.64	-0.53	25.14	4.80	2.92	3.71	-0.41	0.38	0.16	-0.74	1.71
MRBLD1TOR164_COS		-204.90	56.94	28.90	-30.88	-13.73	-14.53	-4.75	1.31	0.84	3.45	4.31	1.37	0.15	1.44	-0.76	1.03
MRBLD1TOR164_SIN		0.00	-5.77	116.11	-26.69	-12.28	3.64	1.84	10.05	0.99	1.63	1.36	2.38	0.56	-0.33	-2.66	-1.02
MRFBM1CB26P5_COS		-4781.11	-530.92	-78.30	78.94	-3.09	-6.38	7.57	-4.89	2.75	-1.27	-7.43	0.98	2.15	-0.57	-3.35	4.46
MRFBM1CB26P5_SIN		0.00	-208.68	5.07	-21.54	-13.25	-16.49	-4.79	2.42	-6.91	-1.49	1.54	-1.06	-1.74	-1.16	-2.60	-2.26
MRFBM1FB9_COS		339.21	-60.90	194.27	-109.45	11.49	2.37	1.34	8.52	-0.76	-1.72	-0.49	-1.27	-1.32	-0.24	1.64	-1.19
MRFBM1FB9_SIN		0.00	87.27	44.89	-51.31	-9.45	-3.92	0.93	-5.69	0.65	-0.81	-0.90	1.33	0.54	0.79	2.21	1.26
MRFBM1TOR26P5_COS		-364.78	96.00	-0.66	0.04	-0.32	0.13	-0.08	0.24	-0.03	-0.06	-0.07	-0.06	-0.03	-0.01	-0.01	0.01
MRFBM1TOR26P5_SIN		0.00	-67.08	0.84	0.32	-0.36	0.03	-0.07	0.17	0.17	0.09	-0.01	-0.03	0.04	0.03	0.13	-0.01

RUN	POINT	Harmonics															
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1101.82	-1220.23	-177.08	284.33	-12.97	-31.27	-4.89	-46.05	8.07	20.15	-15.59	-4.63	5.45	-5.05	-42.57	5.28
MRPC1CB33P25_SIN		0.00	-332.08	-11.83	-18.38	21.43	-11.94	-5.87	57.92	-22.31	13.58	2.77	-30.20	-21.82	-14.28	-18.60	-24.66
MRPC1FB33P25_COS		2286.28	18.65	-326.93	377.26	-67.82	-1.80	-7.90	-108.83	-8.43	32.43	-1.74	27.52	22.32	-8.74	-87.09	21.88
MRPC1FB33P25_SIN		0.00	165.41	-120.42	105.86	32.95	22.11	2.69	107.62	-32.37	-23.82	29.94	-32.43	-24.93	-16.84	-38.01	-53.20
MRPC1TOR25P5_COS		-804.14	-72.92	61.06	-28.31	11.11	7.21	-15.53	-17.96	-8.65	0.80	-2.85	-4.18	-1.63	1.61	2.02	-0.50
MRPC1TOR25P5_SIN		0.00	92.95	-237.01	19.27	3.53	4.47	5.00	-33.94	-11.83	-2.17	1.76	-4.20	-5.69	-3.23	-7.10	-2.00
MRPLK1LOAD_COS		-91.77	6.18	7.96	-2.69	1.18	1.16	-1.78	-2.12	-1.10	0.61	-0.23	-0.25	-0.26	0.40	0.95	-0.33
MRPLK1LOAD_SIN		0.00	-15.01	-26.40	1.67	0.41	0.49	0.82	-4.96	-1.40	-0.40	0.46	-0.51	-0.63	-0.61	-1.51	-0.21
PITCHRH_COS		10571.46	-8604.85	-415.24	-79.99	-114.80	-169.82	-9.86	-101.62	-46.44	80.77	154.24	-30.24	18.20	-33.37	11.65	-321.38
PITCHRH_SIN		0.00	2367.47	-393.39	-29.76	68.04	-42.70	251.01	-57.51	-34.88	-58.53	-375.25	-35.91	6.70	-44.90	-27.26	-111.77
ROLLRH_COS		-1314.53	-1869.01	443.07	10.12	-131.94	-138.14	-87.75	-1.31	141.90	27.07	107.47	3.30	33.53	-79.95	40.95	-174.50
ROLLRH_SIN		0.00	-8398.72	-598.59	-40.95	200.77	48.84	-86.24	-1.85	-23.66	79.71	-37.94	-34.24	9.54	30.73	-33.25	-476.41
TORQ_COS		30339.79	522.05	6.23	-11.55	-63.00	93.13	-7.79	-2.10	-7.78	1.32	40.11	1.50	2.26	-1.53	-7.15	-6.87
TORQ_SIN		0.00	498.97	-26.20	17.58	49.79	63.73	5.79	20.58	18.55	-6.52	-8.49	5.56	-6.92	8.06	-11.70	36.58
THRUST_COS		5865.49	-71.53	3.44	2.63	9.07	-7.60	-0.87	4.66	1.88	-1.82	5.13	4.28	-0.84	1.58	1.82	-0.58
THRUST_SIN		0.00	-9.86	21.56	-1.58	1.78	-23.86	0.17	18.34	-0.38	0.16	-8.10	-0.97	-0.43	0.25	0.36	34.86

RUN	POINT	Harmonics															
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.15	-22.89	-12.73	-1.23	-26.88	20.71	7.99	0.29	-2.18	-2.09	-5.49	-0.29	-1.61	2.56	-1.33	6.01
SIDERH_SIN		0.00	198.46	10.20	0.77	-77.28	-13.47	4.27	-0.16	2.68	-3.91	0.41	2.18	-0.18	-0.91	0.81	13.88
DRAGRH_COS		-213.73	226.95	4.11	-0.15	-17.61	40.57	-10.33	-0.99	5.18	-4.02	-5.32	3.21	0.61	2.22	-0.17	13.05
DRAGRH_SIN		0.00	-48.60	16.28	0.01	11.87	2.29	-28.48	-1.01	2.25	2.88	31.19	0.70	1.34	2.65	0.42	5.04

RUN	POINT	Harmonics															
52	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.06	0.00	0.00	0.00	0.02	-0.02	0.01	0.01	0.00	0.00	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	-0.01	0.00	0.00	-0.01	0.02	0.09	0.00	0.00	0.02	0.01	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.81	1.65	3.06	-12.65	-4.97	0.28	0.47	1.09	-0.41	-0.49	0.10	0.27	0.23	-0.01	-0.37	0.41
ACT1FORCE_SIN		0.00	10.55	1.92	5.99	-1.03	-0.85	-0.53	-0.12	0.47	1.98	0.00	-0.03	0.47	0.25	0.27	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		346.33	-17.97	-22.96	149.23	34.72	-4.34	-0.54	0.17	0.06	-0.38	-0.04	-0.03	-0.12	0.02	-0.10	0.10
FA1IBVOLTAGE_SIN		0.00	-60.14	-11.60	251.98	2.70	8.14	5.14	-0.13	-0.02	0.08	0.10	-0.02	0.01	0.00	-0.11	0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.65	18.06	23.05	-150.40	-34.95	4.16	1.08	0.04	-0.05	0.35	0.04	0.03	0.12	0.00	0.11	-0.08
FA1OBVOLTAGE_SIN		0.00	60.22	11.73	-252.14	-2.78	-8.18	-4.64	0.08	0.06	-0.07	-0.11	0.02	0.05	0.01	0.11	-0.02
MRBLD1CB42P75_COS		-4033.26	-1385.02	-126.81	300.98	-24.64	-73.97	-21.41	-199.08	72.90	29.34	-0.49	-12.48	7.74	-8.18	-41.69	-5.43
MRBLD1CB42P75_SIN		0.00	-178.07	-99.26	122.47	-12.65	-33.33	36.02	82.39	-51.72	51.81	-19.80	-9.75	-18.98	-21.01	-37.58	-34.78

RUN	POINT	Harmonics															
52	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2762.94	-696.91	231.75	219.09	43.37	-42.37	-84.68	-161.56	36.82	29.00	29.09	-5.01	0.59	-4.13	-28.38	-16.77
MRBLD1CB70_SIN		0.00	-90.92	-114.78	132.79	67.46	-16.17	21.91	79.62	-21.09	45.50	-25.59	-5.18	-11.65	-9.80	-26.38	-26.20
MRBLD1CB120_COS		-543.56	-202.77	392.33	174.14	23.77	41.36	-79.28	-70.32	-44.50	-0.73	13.02	15.70	-4.75	-0.02	6.14	7.33
MRBLD1CB120_SIN		0.00	33.78	-157.64	28.63	67.60	-0.21	-19.24	30.70	12.95	-2.01	22.97	7.29	4.68	4.98	4.46	-5.39
MRBLD1CB164_COS		-1982.28	-68.29	135.66	13.31	-42.96	23.97	-27.22	40.36	-41.02	-4.23	-8.69	14.14	3.83	1.79	7.91	2.01
MRBLD1CB164_SIN		0.00	45.97	-54.94	57.06	24.10	15.38	-19.39	-14.44	11.83	-18.75	29.71	6.91	5.24	2.96	15.30	20.84
MRBLD1FB42P75_COS		3101.92	90.97	-483.33	511.63	-346.96	14.21	7.84	-303.84	-4.10	59.00	19.68	22.51	1.13	-28.71	-78.47	-50.58
MRBLD1FB42P75_SIN		0.00	-7.26	-56.59	209.10	-57.68	8.83	12.21	268.83	-86.71	-1.56	22.33	-29.53	-28.14	-12.16	25.70	-54.17
MRBLD1FB70_COS		397.67	-86.02	-250.10	132.69	-122.49	-0.38	8.55	-50.07	2.06	4.62	-2.93	-4.71	-1.10	3.91	16.80	10.77
MRBLD1FB70_SIN		0.00	-151.86	-8.89	76.13	-40.23	-7.00	4.00	55.83	-9.54	4.67	2.76	2.38	2.59	1.11	-4.06	12.19
MRBLD1FB87_COS		-90.97	-42.58	-189.54	38.94	-79.37	-13.56	-0.01	29.60	3.24	-6.34	1.48	-0.56	1.74	6.13	16.51	9.04
MRBLD1FB87_SIN		0.00	-143.77	30.07	88.82	-11.57	-4.65	-5.50	-25.87	8.21	-2.70	-2.39	7.41	8.43	4.61	-4.10	11.19
MRBLD1FB120_COS		-476.32	-30.92	-257.84	19.48	-18.15	-1.50	-5.84	70.66	-2.24	-4.94	-0.37	0.82	-0.50	-5.86	-22.85	-12.03
MRBLD1FB120_SIN		0.00	-172.43	56.05	164.06	33.31	15.20	-3.75	-71.60	18.09	-5.34	-9.22	-8.31	-8.07	-6.99	4.51	-17.69
MRBLD1FB164_COS		-113.56	8.13	-429.58	115.70	253.53	50.36	32.45	-103.62	3.30	9.45	3.13	1.89	7.27	6.10	9.19	5.10
MRBLD1FB164_SIN		0.00	-228.81	62.69	-32.30	101.25	-35.82	-13.89	81.32	-19.47	12.70	12.19	9.19	3.18	1.43	0.19	13.20

RUN	POINT	Harmonics															
52	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-179.50	3.32	-267.62	69.44	204.16	27.61	11.72	-87.10	8.64	2.54	11.18	2.81	-0.57	-3.28	-24.68	-13.61
MRBLD1FB180_SIN		0.00	-160.16	30.13	-100.38	52.27	-35.78	-20.81	68.99	-19.44	-6.76	-11.71	1.34	-2.00	-5.33	7.68	-20.69
MRBLD1TOR51_COS		-1384.63	38.13	-78.14	128.88	35.33	-22.09	4.61	-45.66	11.84	8.43	3.91	3.00	1.95	-0.13	-9.45	4.35
MRBLD1TOR51_SIN		0.00	-30.80	-17.13	-169.83	39.79	5.39	-0.41	56.03	0.46	10.43	-2.91	-0.37	1.62	-0.23	-3.15	-7.20
MRBLD1TOR71_COS		-244.55	45.36	-78.73	97.06	42.76	-18.58	5.26	-25.73	6.13	4.44	2.29	1.46	1.33	0.75	-4.74	3.14
MRBLD1TOR71_SIN		0.00	-35.16	-18.69	-180.78	35.66	5.60	1.10	47.95	4.01	7.04	-2.04	1.87	3.19	1.43	-1.60	-4.12
MRBLD1TOR130_COS		-11.65	43.20	-55.06	69.09	59.62	-16.85	0.96	-28.46	4.64	2.59	-1.88	0.92	0.49	-0.87	0.87	-3.87
MRBLD1TOR130_SIN		0.00	-27.27	-14.09	-193.08	40.77	9.42	3.90	40.35	1.20	8.80	3.07	3.61	0.75	-0.75	-0.77	2.15
MRBLD1TOR164_COS		-207.83	28.51	25.88	24.50	10.47	-18.94	-6.67	-9.09	0.98	3.95	2.16	0.10	0.08	0.65	0.27	-2.42
MRBLD1TOR164_SIN		0.00	-6.14	-10.94	-151.73	-1.91	7.44	2.75	20.05	1.34	-1.92	2.44	3.21	-0.37	-0.68	-2.32	-1.10
MRFBM1CB26P5_COS		-4754.42	-597.14	-91.44	96.72	-1.19	-15.33	17.24	-13.94	10.57	-0.33	-7.47	0.61	2.33	-0.63	-2.85	5.41
MRFBM1CB26P5_SIN		0.00	-131.17	-14.07	-12.24	-14.99	-12.48	2.27	1.72	-10.99	1.35	2.50	-0.33	-1.41	-1.52	-2.36	-3.14
MRFBM1FB9_COS		327.54	-29.28	226.43	-100.83	37.12	-0.06	-2.00	23.23	-3.66	-1.53	-1.05	-1.10	-1.12	-0.45	0.76	-1.36
MRFBM1FB9_SIN		0.00	8.47	53.62	-107.38	15.97	-1.95	0.15	-0.04	1.71	-2.80	-0.77	0.22	0.16	1.00	2.53	1.95
MRFBM1TOR26P5_COS		-364.20	95.75	-0.63	0.69	0.66	0.18	-0.02	-0.02	-0.04	-0.01	-0.02	0.02	-0.06	-0.02	-0.02	0.05
MRFBM1TOR26P5_SIN		0.00	-68.60	-0.46	-0.85	0.39	0.09	0.02	0.20	0.21	0.13	-0.04	-0.18	0.06	0.03	0.15	0.02

RUN	POINT	Harmonics															
52	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1184.73	-1315.73	-212.33	314.76	-58.89	-53.56	10.37	-161.46	52.98	24.28	-7.44	-1.44	8.48	-6.44	-36.20	2.68
MRPC1CB33P25_SIN		0.00	-148.74	-62.25	57.15	-39.44	-20.09	21.78	63.82	-52.27	32.79	-2.19	-5.83	-13.85	-16.97	-28.86	-34.42
MRPC1FB33P25_COS		2281.05	46.59	-368.03	376.20	-270.52	6.81	-1.13	-342.30	36.87	47.71	6.15	34.90	19.98	-9.17	-70.71	18.15
MRPC1FB33P25_SIN		0.00	110.83	-113.41	278.59	-123.17	9.69	9.93	88.51	-69.71	29.21	27.31	-3.26	-18.70	-28.29	-53.94	-75.05
MRPC1TOR25P5_COS		-793.67	-33.51	80.02	-141.14	-45.27	14.84	-13.24	29.74	-11.08	-7.91	-4.15	-3.84	-1.75	-1.51	2.94	-6.33
MRPC1TOR25P5_SIN		0.00	94.96	-29.35	209.01	-46.08	-3.46	2.18	-57.36	-6.75	-9.24	3.59	3.73	-4.41	-2.56	-7.67	-2.13
MRPLK1LOAD_COS		-89.42	11.14	10.22	-17.05	-5.66	2.07	-1.47	5.11	-1.49	-0.77	-0.60	-0.58	-0.15	0.02	1.12	-1.21
MRPLK1LOAD_SIN		0.00	-14.31	-0.29	25.95	-6.15	-0.40	0.22	-8.09	-0.53	-1.72	0.93	0.80	-0.47	-0.56	-1.50	-0.40
PITCHRH_COS		10622.81	-8780.65	-530.71	-69.28	-79.10	-1351.90	-18.95	-19.45	10.44	150.45	164.83	-44.43	35.70	-8.00	2.20	-345.97
PITCHRH_SIN		0.00	2587.53	-529.91	42.80	23.41	157.96	140.31	-63.87	-27.07	-42.86	-204.64	-38.92	-17.44	-23.13	-19.53	-171.01
ROLLRH_COS		743.87	-2119.32	456.43	-83.48	-54.82	154.58	-37.50	87.55	99.96	6.44	42.81	5.15	42.59	-22.49	19.44	-87.85
ROLLRH_SIN		0.00	-8623.16	-519.39	-24.61	87.14	-1469.65	-117.71	-14.64	19.43	120.37	36.87	-42.87	-1.88	44.53	-19.41	-517.54
TORQ_COS		30419.13	486.86	20.91	-25.59	-89.32	189.44	-10.43	-2.46	-39.20	-0.98	39.94	2.85	4.34	-1.49	-12.52	0.88
TORQ_SIN		0.00	497.94	-17.68	19.92	62.29	79.54	9.63	6.60	29.88	-8.12	-15.21	6.59	-4.03	6.26	-11.76	46.20
THRUST_COS		5809.98	-69.92	-0.70	13.28	12.22	1.68	-2.20	-4.65	4.84	-2.81	5.40	6.50	-1.34	0.90	-1.89	3.72
THRUST_SIN		0.00	-21.26	7.25	13.49	2.35	-27.35	1.66	11.64	1.37	-0.85	-1.31	-2.20	2.62	-1.04	2.23	41.08

RUN	POINT	Harmonics															
52	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.39	-10.17	-12.78	-6.43	-29.46	80.19	3.61	-1.40	-2.32	-1.36	-5.43	-0.18	-1.88	0.89	-0.63	3.59
SIDERH_SIN		0.00	210.81	10.71	0.06	-45.19	98.50	6.48	0.42	2.56	-5.84	-2.59	3.27	0.11	-1.18	0.41	15.70
DRAGRH_COS		-232.53	232.14	9.95	-0.16	-18.43	-59.42	-11.04	-0.09	2.53	-7.43	-10.57	5.10	-0.66	1.10	0.04	15.30
DRAGRH_SIN		0.00	-56.04	16.26	-3.97	10.11	-45.52	-26.63	1.62	2.60	0.94	24.10	-0.56	3.45	0.89	0.77	7.58

RUN	POINT	Harmonics															
52	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.07	0.00	0.00	0.00	0.02	-0.01	0.00	0.01	0.00	0.01	0.01	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	1.47	0.00	0.00	0.00	-0.01	0.02	0.09	0.00	0.00	0.02	0.01	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.54	1.71	3.30	-12.48	-5.07	0.31	0.48	1.21	-0.31	-0.52	0.14	0.24	0.31	0.13	-0.33	0.40
ACT1FORCE_SIN		0.00	10.55	1.96	6.21	-0.95	-0.98	-0.32	-0.04	0.50	1.93	-0.05	-0.04	0.52	0.33	0.31	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.20	-18.50	-25.15	146.50	35.74	-4.98	-1.10	0.18	0.05	-0.39	-0.10	-0.08	-0.07	-0.05	-0.06	0.09
FA1IBVOLTAGE_SIN		0.00	-59.86	-12.00	250.61	3.43	8.76	2.92	-0.11	0.01	0.08	0.09	-0.04	0.04	0.04	-0.04	0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		460.77	18.56	25.23	-147.38	-35.96	4.81	1.65	0.03	-0.04	0.35	0.10	0.06	0.07	0.06	0.06	-0.08
FA1OBVOLTAGE_SIN		0.00	59.95	12.14	-250.93	-3.57	-8.81	-2.41	0.07	0.04	-0.08	-0.11	0.03	0.01	-0.02	0.05	-0.05
MRBLD1CB42P75_COS		-4028.17	-1445.10	-144.37	287.71	-20.12	-74.08	-18.66	-205.84	70.11	29.11	-3.01	-11.65	7.56	-6.79	-41.11	-6.93
MRBLD1CB42P75_SIN		0.00	-215.52	-98.59	117.96	-23.30	-30.10	29.82	73.96	-59.26	48.38	-14.25	-0.10	-16.78	-23.00	-42.32	-34.11

RUN	POINT	Harmonics															
52	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2760.69	-735.14	220.84	207.25	43.81	-55.45	-79.88	-166.82	35.08	27.82	21.27	-3.48	0.87	-2.38	-28.57	-18.35
MRBLD1CB70_SIN		0.00	-109.43	-118.04	126.74	58.57	-18.78	12.71	75.59	-27.95	43.49	-22.13	0.86	-10.38	-11.32	-31.54	-23.91
MRBLD1CB120_COS		-547.22	-216.41	385.12	162.19	20.11	23.33	-75.36	-71.97	-42.97	2.21	17.80	16.06	-4.67	0.09	6.63	8.14
MRBLD1CB120_SIN		0.00	33.18	-163.82	23.96	55.64	-8.19	-27.79	33.28	12.80	-0.60	19.23	2.20	2.86	4.95	4.47	-4.89
MRBLD1CB164_COS		-1982.71	-70.96	135.10	9.29	-43.90	15.82	-25.73	42.11	-39.96	-1.27	0.22	13.94	3.80	0.65	7.70	2.89
MRBLD1CB164_SIN		0.00	47.19	-56.28	55.71	20.39	11.37	-21.56	-10.25	13.58	-18.36	26.92	1.95	3.50	3.25	18.62	19.57
MRBLD1FB42P75_COS		3101.58	105.87	-496.80	475.61	-356.49	27.97	1.81	-321.38	-11.13	61.68	34.14	25.77	-0.35	-32.46	-83.86	-49.25
MRBLD1FB42P75_SIN		0.00	-4.18	-52.55	208.45	-82.40	6.39	10.63	268.08	-92.63	-10.67	8.50	-26.23	-29.04	-18.30	17.54	-53.99
MRBLD1FB70_COS		397.87	-88.25	-255.68	119.52	-125.43	2.66	7.72	-52.98	1.52	5.22	-2.00	-4.13	-0.62	4.37	17.82	10.44
MRBLD1FB70_SIN		0.00	-155.32	-5.51	76.48	-46.97	-7.45	2.80	55.35	-10.38	4.19	3.00	2.54	2.91	2.23	-2.41	12.16
MRBLD1FB87_COS		-90.61	-44.12	-191.66	32.11	-80.13	-13.14	-0.09	31.27	4.30	-6.74	-1.79	-1.97	2.21	7.37	18.22	9.19
MRBLD1FB87_SIN		0.00	-146.57	33.14	89.06	-13.10	-4.40	-5.38	-25.48	8.94	-1.44	-0.01	6.34	8.51	5.97	-2.20	11.43
MRBLD1FB120_COS		-476.77	-33.71	-258.39	15.35	-15.55	-3.37	-4.55	74.39	-1.80	-5.84	-0.08	1.47	-1.61	-8.11	-25.67	-12.28
MRBLD1FB120_SIN		0.00	-176.65	59.47	161.77	37.56	15.62	-1.84	-71.12	19.13	-4.26	-9.60	-8.34	-8.71	-8.85	1.77	-18.35
MRBLD1FB164_COS		-114.52	4.27	-438.20	105.19	252.53	41.97	33.43	-108.56	3.88	10.04	1.77	1.23	8.17	8.84	11.69	5.81
MRBLD1FB164_SIN		0.00	-232.82	67.37	-37.58	103.50	-40.27	-13.51	79.03	-21.33	11.22	13.90	9.70	3.84	2.69	0.92	12.65

RUN	POINT	Harmonics															
52	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-178.62	2.40	-273.10	63.55	202.68	24.56	11.16	-93.30	7.97	0.92	4.58	-0.29	-2.65	-6.43	-29.56	-14.41
MRBLD1FB180_SIN		0.00	-163.07	31.28	-105.04	51.61	-38.36	-22.49	64.60	-23.57	-8.25	-7.47	-0.98	-3.93	-8.40	3.74	-21.19
MRBLD1TOR51_COS		-1385.72	36.54	-80.60	124.68	35.37	-24.76	3.20	-46.83	12.55	8.54	2.20	2.26	2.19	0.57	-9.21	3.99
MRBLD1TOR51_SIN		0.00	-32.12	-17.34	-170.66	36.88	6.48	-2.48	54.75	-0.94	9.82	-3.11	-1.15	0.74	-0.98	-4.32	-8.13
MRBLD1TOR71_COS		-245.49	44.60	-80.41	94.14	42.84	-21.18	4.01	-26.31	6.74	4.27	0.49	0.75	1.55	1.21	-4.49	3.20
MRBLD1TOR71_SIN		0.00	-36.30	-18.80	-181.28	33.91	6.57	-0.27	47.43	3.36	6.77	-2.24	1.00	2.46	0.92	-2.72	-4.57
MRBLD1TOR130_COS		-12.73	42.43	-55.82	67.54	59.90	-19.16	0.38	-29.04	5.22	3.14	-1.01	0.82	0.70	-0.63	1.06	-3.71
MRBLD1TOR130_SIN		0.00	-28.32	-14.56	-193.16	39.80	9.96	3.01	40.00	0.86	8.61	3.09	4.04	0.76	-0.63	-0.84	3.20
MRBLD1TOR164_COS		-208.83	28.03	27.00	24.62	10.69	-19.09	-7.37	-9.53	0.80	3.73	1.92	0.41	-0.08	0.42	0.39	-1.86
MRBLD1TOR164_SIN		0.00	-6.39	-12.09	-151.03	-3.06	8.92	2.06	20.27	1.30	-1.93	2.34	3.06	-0.77	-1.38	-2.78	0.15
MRFBM1CB26P5_COS		-4756.53	-624.87	-98.61	95.39	1.06	-12.52	16.73	-14.85	10.14	0.06	-5.36	0.51	2.13	-0.76	-2.33	5.62
MRFBM1CB26P5_SIN		0.00	-150.77	-14.19	-12.19	-16.50	-10.41	2.88	0.31	-11.39	1.21	2.42	-0.26	-1.67	-1.98	-2.46	-3.55
MRFBM1FB9_COS		331.37	-8.95	236.11	-91.54	37.17	-0.71	-1.97	23.89	-3.78	-1.73	-1.35	-0.92	-1.00	-0.64	0.52	-1.37
MRFBM1FB9_SIN		0.00	14.24	53.90	-104.54	19.44	-2.11	0.62	0.98	2.34	-2.58	-0.94	0.05	0.20	1.23	2.73	1.96
MRFBM1TOR26P5_COS		-364.27	95.91	-0.61	0.71	0.65	0.13	-0.01	-0.01	-0.04	-0.01	-0.05	0.02	-0.05	-0.02	-0.03	0.05
MRFBM1TOR26P5_SIN		0.00	-68.50	-0.44	-0.83	0.41	0.09	-0.01	0.18	0.21	0.13	-0.03	-0.21	0.05	0.05	0.18	-0.01

RUN	POINT	Harmonics															
52	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1175.00	-1369.52	-229.37	302.76	-54.35	-48.65	10.63	-167.65	50.45	25.18	-4.11	-1.12	8.44	-5.36	-34.83	1.98
MRPC1CB33P25_SIN		0.00	-181.94	-60.26	54.58	-49.90	-15.52	18.44	57.24	-57.33	29.68	0.42	0.30	-13.09	-19.13	-32.90	-34.05
MRPC1FB33P25_COS		2280.05	60.70	-379.47	347.10	-272.62	18.05	-5.01	-355.38	34.39	54.88	23.92	35.55	19.46	-6.57	-67.25	19.12
MRPC1FB33P25_SIN		0.00	115.15	-111.72	272.05	-145.34	11.72	6.25	81.08	-77.66	23.92	25.54	1.26	-20.67	-35.05	-63.84	-74.01
MRPC1TOR25P5_COS		-793.34	-29.67	81.00	-137.63	-45.15	17.60	-11.54	30.29	-11.95	-7.60	-1.70	-2.93	-2.38	-2.23	3.29	-5.29
MRPC1TOR25P5_SIN		0.00	96.32	-28.77	210.00	-43.38	-4.39	4.04	-56.17	-5.70	-8.61	3.97	5.64	-3.55	-2.30	-8.46	0.52
MRPLK1LOAD_COS		-89.41	11.17	10.51	-16.56	-5.55	2.50	-1.26	5.19	-1.61	-0.76	-0.22	-0.51	-0.21	-0.04	1.18	-1.02
MRPLK1LOAD_SIN		0.00	-14.38	-0.30	25.92	-5.82	-0.48	0.54	-7.89	-0.36	-1.67	0.95	1.06	-0.37	-0.54	-1.73	0.07
PITCHRH_COS		10178.29	-8819.31	-522.80	-72.62	-86.64	-1386.75	-32.08	-22.83	29.44	170.56	183.57	-37.91	18.99	-20.60	1.37	-338.93
PITCHRH_SIN		0.00	2630.69	-530.47	22.14	21.78	73.37	165.53	-67.19	4.47	-41.70	-221.83	-31.85	-18.60	-19.45	-22.42	-197.95
ROLLRH_COS		599.31	-2162.36	455.24	-81.45	-81.54	276.84	-92.06	104.14	90.37	-15.15	83.20	-9.87	32.15	-19.37	33.95	-66.00
ROLLRH_SIN		0.00	-8683.23	-522.97	-28.49	85.95	-1487.92	-103.26	-15.57	30.48	139.75	49.10	-38.91	-22.47	70.11	-45.61	-480.09
TORQ_COS		30451.82	483.38	16.59	-26.56	-101.90	188.14	-13.34	-2.79	-37.93	-2.02	32.43	2.77	2.22	-0.20	-13.29	2.06
TORQ_SIN		0.00	470.33	-13.79	21.29	65.36	73.34	8.05	13.84	30.03	-7.72	-15.67	7.16	-6.72	7.14	-11.04	53.44
THRUST_COS		5818.02	-70.07	-0.96	12.78	13.12	-3.98	-0.60	-4.89	4.02	-3.86	-3.11	6.69	-1.46	1.45	-1.91	4.21
THRUST_SIN		0.00	-19.57	6.88	14.28	1.50	-28.08	2.78	16.63	0.83	-1.32	3.83	-2.64	2.44	-1.56	4.08	38.70

RUN	POINT	Harmonics															
52	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.91	-10.46	-12.54	-6.99	-24.38	75.46	7.72	-2.04	-2.40	-0.49	-6.68	0.60	-1.82	0.74	-1.21	2.92
SIDERH_SIN		0.00	217.55	10.90	0.28	-44.09	105.05	9.15	-0.09	1.85	-7.09	-3.46	2.92	0.65	-2.13	1.22	14.68
DRAGRH_COS		-232.21	233.77	9.55	0.27	-19.45	-60.88	-10.03	-1.86	1.66	-7.99	-10.73	4.67	0.24	1.10	-0.23	15.17
DRAGRH_SIN		0.00	-57.62	16.09	-3.56	8.62	-45.46	-32.87	2.25	2.16	0.40	23.72	-1.30	3.87	1.07	0.51	8.58

RUN	POINT	Harmonics															
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.79	0.00	0.00	0.00	0.02	-0.01	0.07	0.00	0.01	0.02	0.00	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.01	0.03	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.65	1.86	2.92	-9.28	-5.21	-0.29	0.30	1.25	-0.25	1.65	-0.07	0.23	0.38	0.17	0.10	-0.74
ACT1FORCE_SIN		0.00	10.60	0.97	9.68	0.11	-1.32	-0.35	-0.03	0.61	0.34	-0.03	0.19	0.23	0.05	0.29	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.08	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		344.67	-19.90	-22.24	262.59	33.97	2.59	0.14	0.17	0.08	-0.02	0.00	-0.04	0.03	-0.08	-0.04	0.00
FA1IBVOLTAGE_SIN		0.00	-57.39	-6.26	155.26	-3.99	12.11	0.49	-0.24	-0.07	0.45	0.11	0.09	0.01	0.03	0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.08	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		461.31	20.01	22.37	-263.61	-34.28	-2.75	0.71	-0.03	-0.01	0.00	-0.03	0.01	0.02	0.08	0.04	0.01
FA1OBVOLTAGE_SIN		0.00	57.49	6.40	-155.07	3.95	-12.10	-0.71	0.08	0.09	-0.41	-0.11	-0.06	-0.05	-0.05	-0.01	0.01
MRBLD1CB42P75_COS		-4023.27	-1344.40	-155.29	320.37	-40.70	-89.38	-11.90	-150.02	45.48	34.46	-5.64	16.63	11.51	-9.21	-56.11	-8.51
MRBLD1CB42P75_SIN		0.00	-269.81	-57.60	71.78	-5.26	-24.54	19.83	81.71	-46.57	33.11	-3.68	-22.10	-19.95	-20.88	-38.49	-39.89

RUN	POINT	Harmonics															
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2756.45	-673.24	199.63	242.66	17.83	-65.34	-76.14	-119.88	18.02	30.68	16.59	14.80	3.14	-4.85	-39.90	-20.91
MRBLD1CB70_SIN		0.00	-146.78	-96.48	97.16	68.63	-3.89	21.13	80.76	-19.36	28.98	-14.96	-16.77	-11.95	-9.15	-29.04	-29.91
MRBLD1CB120_COS		-553.30	-200.29	365.13	179.12	-1.36	12.65	-81.81	-56.57	-36.64	16.20	17.65	3.76	-6.21	-0.62	7.43	5.90
MRBLD1CB120_SIN		0.00	20.79	-152.96	0.06	76.85	12.69	-5.42	27.74	5.78	-11.08	13.63	8.25	3.87	6.17	2.29	-5.03
MRBLD1CB164_COS		-1985.69	-68.13	130.55	39.66	-57.46	13.02	-31.02	30.66	-30.05	8.32	4.09	1.60	2.25	0.08	15.63	4.33
MRBLD1CB164_SIN		0.00	47.14	-56.67	46.72	33.77	16.58	-9.57	-16.28	7.79	-18.41	20.95	10.47	4.68	1.63	21.38	24.05
MRBLD1FB42P75_COS		3108.11	81.12	-471.12	528.83	-355.99	-19.68	-6.93	-238.12	-19.37	86.29	37.82	27.81	5.69	-30.01	-98.74	-64.56
MRBLD1FB42P75_SIN		0.00	21.20	-24.65	95.46	13.69	23.68	-2.70	223.36	-76.71	-61.03	24.25	-48.43	-31.27	-5.11	44.83	-50.70
MRBLD1FB70_COS		402.97	-90.57	-243.92	146.14	-128.67	-10.13	4.69	-36.51	-0.54	4.96	-2.16	-4.70	-1.09	4.22	21.64	13.53
MRBLD1FB70_SIN		0.00	-151.61	5.50	37.72	-15.03	-1.89	-0.90	46.29	-8.11	0.18	3.38	2.93	2.32	0.12	-7.74	11.36
MRBLD1FB87_COS		-88.62	-47.07	-183.03	53.51	-82.64	-15.55	-1.87	23.43	5.61	-11.74	-1.85	-2.27	0.91	6.38	20.66	12.22
MRBLD1FB87_SIN		0.00	-144.93	37.17	67.00	1.99	-3.99	-5.27	-22.90	6.36	7.99	-4.10	12.86	9.51	3.66	-8.02	11.16
MRBLD1FB120_COS		-476.07	-31.43	-248.64	47.75	-16.83	3.67	-3.29	53.81	2.56	-4.76	-1.49	2.00	-0.36	-7.16	-29.54	-17.65
MRBLD1FB120_SIN		0.00	-178.86	60.54	140.95	37.29	7.76	1.42	-59.93	17.84	1.31	-8.25	-10.43	-7.44	-4.76	10.02	-17.15
MRBLD1FB164_COS		-107.72	4.66	-422.02	36.46	270.63	51.19	31.11	-81.85	-1.09	8.87	1.95	0.82	6.83	7.53	13.63	8.05
MRBLD1FB164_SIN		0.00	-237.12	95.59	-33.10	50.37	-28.87	-17.27	69.68	-20.01	6.52	8.63	12.43	3.43	-0.26	-3.18	13.92

RUN	POINT	Harmonics															
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-178.73	2.20	-260.63	-11.17	209.14	30.62	6.64	-72.01	8.26	-4.58	1.86	-3.37	-2.19	-6.36	-33.06	-20.86
MRBLD1FB180_SIN		0.00	-168.13	57.97	-85.01	13.15	-28.09	-23.07	55.56	-21.62	4.43	-14.72	12.24	0.10	-5.78	12.55	-18.66
MRBLD1TOR51_COS		-1384.53	38.81	-77.75	20.47	46.46	-21.54	8.73	-27.95	5.11	10.97	3.74	1.74	1.67	0.29	-9.46	-0.75
MRBLD1TOR51_SIN		0.00	-31.06	11.71	-176.36	8.80	10.19	-2.71	52.91	0.33	-5.21	-4.40	0.54	0.65	-1.68	-1.89	-9.81
MRBLD1TOR71_COS		-243.00	45.94	-77.52	-6.51	53.80	-16.44	9.35	-13.14	1.29	4.42	2.20	0.52	1.02	0.94	-4.49	-0.86
MRBLD1TOR71_SIN		0.00	-34.43	7.06	-182.44	4.94	9.57	0.20	45.37	3.87	-5.04	-4.33	2.28	2.38	0.28	-1.95	-5.17
MRBLD1TOR130_COS		-10.53	45.29	-54.26	-35.04	69.68	-13.31	4.55	-17.09	0.75	4.70	-1.09	4.89	1.18	-2.07	-0.13	-2.85
MRBLD1TOR130_SIN		0.00	-27.00	10.21	-186.96	8.60	12.36	3.62	37.45	1.13	1.17	2.92	0.95	0.80	0.02	-2.89	4.86
MRBLD1TOR164_COS		-208.38	30.31	26.06	-44.94	11.40	-17.35	-6.10	-3.94	0.58	-1.13	2.48	1.83	-0.22	-1.10	-2.40	0.68
MRBLD1TOR164_SIN		0.00	-4.91	1.47	-142.68	-16.86	8.34	2.41	17.50	1.90	0.07	1.78	1.60	0.21	-0.16	-4.71	1.68
MRFBM1CB26P5_COS		-4751.46	-575.67	-100.46	90.98	3.20	-13.74	17.47	-11.78	8.32	1.82	-4.81	1.22	2.02	-1.15	-3.90	4.92
MRFBM1CB26P5_SIN		0.00	-172.21	2.01	-23.49	-14.31	-12.75	-1.78	0.77	-9.90	0.25	3.42	-0.40	-1.26	-1.54	-2.52	-3.67
MRFBM1FB9_COS		326.06	-33.32	230.76	-117.57	40.98	3.82	-1.43	18.47	-2.73	-3.48	-0.78	-1.77	-1.19	-0.22	1.45	-1.28
MRFBM1FB9_SIN		0.00	42.20	30.80	-80.51	9.15	-1.29	3.04	-1.02	2.31	-1.85	-1.26	0.23	0.20	1.18	3.01	2.40
MRFBM1TOR26P5_COS		-364.32	95.64	-0.64	0.02	0.81	0.18	0.05	0.04	-0.08	0.05	-0.05	-0.15	-0.05	0.04	0.06	0.06
MRFBM1TOR26P5_SIN		0.00	-68.32	-0.29	-0.81	-0.10	0.11	-0.05	0.24	0.20	-0.02	-0.07	-0.06	0.05	0.02	0.24	-0.07

RUN	POINT	Harmonics															
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1165.61	-1283.94	-233.49	318.11	-64.13	-63.07	12.50	-123.11	32.84	35.47	-5.45	17.13	10.52	-8.01	-48.93	-1.34
MRPC1CB33P25_SIN		0.00	-235.23	-18.03	9.50	-28.04	-15.48	5.12	59.81	-46.41	16.70	8.85	-14.23	-14.21	-16.48	-29.78	-39.72
MRPC1FB33P25_COS		2284.93	35.57	-362.77	415.99	-294.98	-24.49	-7.50	-273.18	21.32	98.26	17.28	52.73	24.48	-15.44	-100.33	8.75
MRPC1FB33P25_SIN		0.00	136.40	-90.30	189.03	-65.35	11.24	-6.65	77.95	-68.38	-0.33	38.79	-13.76	-17.08	-24.82	-61.06	-85.70
MRPC1TOR25P5_COS		-794.01	-34.41	77.89	-20.84	-60.57	13.13	-16.78	14.36	-5.28	-9.37	-4.25	4.03	-0.84	-3.48	-2.46	-1.46
MRPC1TOR25P5_SIN		0.00	96.82	-62.28	214.53	-11.52	-8.71	3.46	-53.76	-6.43	7.99	6.07	-1.84	-2.49	0.47	-13.59	2.96
MRPLK1LOAD_COS		-89.52	11.03	9.98	-1.56	-7.56	1.92	-1.93	2.82	-0.59	-1.39	-0.44	0.85	-0.03	-0.43	0.30	-0.71
MRPLK1LOAD_SIN		0.00	-14.42	-4.26	26.59	-1.60	-1.09	0.50	-7.62	-0.56	0.97	1.23	-0.23	-0.28	-0.13	-2.88	0.80
PITCHRH_COS		10585.82	-8829.53	-523.11	-66.77	-94.68	-1103.90	-62.49	-62.00	40.62	110.92	354.69	-27.87	15.19	-7.94	18.24	-481.81
PITCHRH_SIN		0.00	2633.70	-493.24	16.21	1.84	449.22	193.04	-51.45	-70.21	-78.80	-177.21	-27.56	-18.84	-56.98	-36.45	-190.23
ROLLRH_COS		100.31	-2191.38	468.33	-67.48	-78.46	-373.84	-84.35	71.25	109.52	22.83	124.50	3.30	42.89	-27.20	16.52	-170.93
ROLLRH_SIN		0.00	-8694.58	-485.33	4.11	98.25	-1315.39	-79.13	-41.98	17.58	94.27	86.03	-37.54	-7.19	36.49	-30.44	-638.70
TORQ_COS		30641.75	478.02	16.54	-17.50	-77.59	182.78	-11.03	-5.58	-31.45	2.31	26.42	3.87	0.02	-0.95	-12.33	2.19
TORQ_SIN		0.00	469.74	-12.70	24.85	71.82	70.18	10.07	13.17	23.95	-6.35	-15.05	6.53	-9.15	6.48	-9.99	48.27
THRUST_COS		5801.19	-68.63	0.62	14.28	13.36	11.59	-1.51	-1.13	3.95	-2.85	-5.02	4.84	-2.35	-1.07	-1.65	8.87
THRUST_SIN		0.00	-13.53	8.69	2.10	0.84	-30.74	2.71	15.20	1.05	-0.45	-13.66	-2.91	0.58	-0.55	0.27	50.85

RUN	POINT	Harmonics															
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.34	-7.02	-12.86	-6.25	-25.37	113.28	7.28	-1.68	-2.41	-2.33	-6.42	-0.16	-2.28	0.98	-0.53	5.89
SIDERH_SIN		0.00	216.71	10.26	2.88	-48.99	57.99	6.63	0.12	2.90	-4.44	-1.54	2.51	0.58	-1.19	0.98	18.98
DRAGRH_COS		-228.53	233.53	8.70	-1.55	-20.05	-68.07	-11.46	-2.03	3.27	-6.25	-11.82	3.00	2.10	1.31	-0.97	22.03
DRAGRH_SIN		0.00	-57.79	16.06	-3.27	11.06	-0.34	-31.14	1.33	3.74	3.53	24.47	-0.88	4.19	3.46	1.04	8.12

RUN	POINT	Harmonics															
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	1.48	0.00	0.00	0.00	0.01	0.00	-0.11	0.01	0.01	0.00	0.01	0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.07	0.00	0.00	0.00	-0.01	0.02	0.01	-0.01	-0.01	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.33	1.93	1.68	-0.05	-3.92	-1.45	0.07	0.17	-0.09	-2.47	0.42	0.28	0.03	0.22	0.46	0.39
ACT1FORCE_SIN		0.00	10.63	-0.01	10.94	1.84	-0.98	-0.22	-0.81	0.54	-0.58	-0.16	0.03	0.40	0.30	0.26	-0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.11	-0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.78	-17.57	-11.92	291.37	25.00	12.49	-1.34	0.03	0.08	0.07	0.03	-0.09	-0.20	-0.10	-0.01	0.09
FA1IBVOLTAGE_SIN		0.00	-54.10	3.10	-136.01	-14.26	6.57	0.26	-0.17	0.01	-0.39	0.08	0.00	0.00	-0.08	0.08	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.11	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.23	17.76	12.14	-291.69	-25.31	-12.61	0.75	-0.12	-0.03	-0.01	-0.01	0.10	0.18	0.09	-0.01	-0.08
FA1OBVOLTAGE_SIN		0.00	54.24	-3.01	137.45	14.52	-6.52	-1.10	0.00	-0.10	0.36	-0.06	0.00	0.09	0.10	-0.07	-0.04
MRBLD1CB42P75_COS		-4039.47	-1447.36	-138.00	300.33	-48.96	-60.64	-24.69	-50.47	5.99	10.46	41.51	-1.62	12.28	-8.45	-53.59	1.15
MRBLD1CB42P75_SIN		0.00	-375.84	-6.62	-20.88	35.32	18.48	4.20	118.45	-11.93	39.16	-37.36	-20.12	-23.58	-20.10	-36.44	-37.32

RUN	POINT	Harmonics															
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2737.30	-735.14	191.20	236.30	-6.90	-30.45	-69.93	-42.08	1.37	16.70	29.73	-1.30	3.48	-5.74	-34.47	-9.87
MRBLD1CB70_SIN		0.00	-233.62	-56.09	14.73	103.95	54.53	42.39	99.87	6.86	39.37	-33.55	-15.94	-12.23	-8.96	-21.79	-28.22
MRBLD1CB120_COS		-561.88	-217.37	358.33	162.71	-5.24	35.76	-74.95	-20.62	-18.41	-7.16	-0.68	7.19	-7.57	0.21	10.63	11.50
MRBLD1CB120_SIN		0.00	-21.04	-127.78	-52.21	125.04	62.73	49.95	43.91	6.24	-27.80	26.59	7.13	7.83	7.42	2.29	-3.43
MRBLD1CB164_COS		-1988.87	-73.58	129.38	67.23	-56.14	16.90	-21.75	11.73	-12.53	-5.93	-2.31	9.10	-1.15	0.07	9.42	-3.38
MRBLD1CB164_SIN		0.00	44.45	-50.79	2.35	64.90	30.10	16.58	-22.61	0.40	-40.71	26.48	10.90	4.25	2.94	14.58	20.98
MRBLD1FB42P75_COS		3128.51	106.59	-429.86	461.27	-250.22	-18.18	-50.35	-27.10	-39.63	-31.70	87.11	15.49	2.83	-21.43	-92.61	-37.95
MRBLD1FB42P75_SIN		0.00	56.27	-21.09	-73.75	168.46	45.53	15.98	239.61	-23.92	-37.39	-45.19	-33.17	-36.81	-9.10	35.60	-71.57
MRBLD1FB70_COS		412.73	-95.66	-222.83	132.86	-96.77	-7.81	-6.17	3.55	-2.12	-1.67	-1.70	-3.30	-0.63	2.60	19.41	7.10
MRBLD1FB70_SIN		0.00	-140.51	4.30	-26.21	37.88	5.43	2.51	47.05	0.45	3.09	0.45	2.49	3.63	1.39	-5.07	15.66
MRBLD1FB87_COS		-82.77	-53.01	-169.65	57.50	-63.90	-16.35	-2.93	4.31	8.67	8.99	-13.54	0.32	0.58	4.80	20.17	7.84
MRBLD1FB87_SIN		0.00	-133.46	29.49	22.70	28.57	-2.06	-5.09	-25.76	-2.42	3.15	11.95	8.86	10.44	4.25	-6.54	14.73
MRBLD1FB120_COS		-474.85	-42.23	-243.46	61.89	-11.72	-5.60	9.48	-2.09	5.87	3.28	1.66	-0.24	0.16	-4.44	-28.41	-11.14
MRBLD1FB120_SIN		0.00	-172.51	53.91	83.39	38.96	-2.15	-2.70	-60.37	6.44	-2.35	-8.55	-8.26	-11.20	-6.69	6.97	-21.55
MRBLD1FB164_COS		-94.37	-11.45	-377.87	-63.79	214.97	50.39	1.05	-0.74	-7.28	4.39	-4.07	2.73	5.18	5.36	13.12	4.88
MRBLD1FB164_SIN		0.00	-219.54	102.73	70.64	-48.30	-11.57	-7.60	75.35	-4.81	5.67	15.70	12.72	7.09	-1.18	-4.68	13.93

RUN	POINT	Harmonics															
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.65	-2.37	-221.98	-96.48	164.76	39.39	-23.64	-6.63	1.44	16.39	-22.65	1.82	-1.92	-4.57	-32.59	-9.47
MRBLD1FB180_SIN		0.00	-159.17	70.75	32.27	-55.85	-16.01	-8.22	62.31	-20.31	-10.05	14.61	7.52	1.36	-6.40	8.03	-24.68
MRBLD1TOR51_COS		-1379.84	38.39	-44.15	-130.67	15.85	-12.06	6.07	10.13	6.17	-11.99	-4.63	0.32	0.85	0.07	-8.77	3.97
MRBLD1TOR51_SIN		0.00	-31.20	43.96	-40.39	-43.43	12.14	8.90	59.31	9.17	4.37	-7.19	-0.93	2.54	-0.76	-2.97	-6.08
MRBLD1TOR71_COS		-237.53	46.75	-46.23	-146.65	23.61	-8.02	9.60	13.68	4.49	-11.08	-8.12	-1.42	0.16	1.11	-3.31	3.01
MRBLD1TOR71_SIN		0.00	-32.38	35.40	-45.84	-48.93	8.99	11.22	47.17	10.61	4.96	-5.09	1.09	3.98	1.13	-3.13	-3.90
MRBLD1TOR130_COS		-6.47	47.07	-24.78	-167.83	37.18	-5.77	5.70	7.76	2.26	-5.44	0.62	-1.56	1.14	-0.81	1.28	-2.76
MRBLD1TOR130_SIN		0.00	-27.73	38.27	-40.16	-46.15	11.47	12.30	40.59	7.13	5.39	2.63	0.39	0.31	0.29	-3.14	1.05
MRBLD1TOR164_COS		-207.76	34.46	41.64	-128.48	-6.39	-11.90	-4.05	3.64	3.34	6.36	-0.86	-0.64	0.70	0.52	-1.13	0.13
MRBLD1TOR164_SIN		0.00	-6.54	19.52	-38.83	-34.94	6.69	9.39	16.45	1.50	4.30	3.82	1.98	-0.79	-0.06	-4.62	-1.32
MRFBM1CB26P5_COS		-4761.95	-618.33	-92.18	75.68	6.86	-13.48	11.38	-4.90	0.66	-2.61	4.36	1.05	2.68	-0.33	-3.49	6.17
MRFBM1CB26P5_SIN		0.00	-217.89	20.75	-32.66	-16.03	-13.46	-9.97	5.93	-6.87	-2.28	0.85	0.35	-1.52	-1.33	-3.47	-2.77
MRFBM1FB9_COS		340.38	0.34	205.53	-118.52	36.86	4.70	3.76	10.01	-0.44	-0.50	-3.69	-1.33	-1.42	-0.39	1.31	-1.98
MRFBM1FB9_SIN		0.00	52.89	14.83	-30.11	-12.13	-4.45	4.29	-9.27	1.18	0.16	-1.48	0.29	0.17	0.97	2.66	1.55
MRFBM1TOR26P5_COS		-364.20	95.85	-0.41	-0.94	0.30	0.22	-0.08	0.23	0.00	-0.17	-0.16	0.12	-0.04	0.00	-0.05	0.01
MRFBM1TOR26P5_SIN		0.00	-67.99	-0.08	0.14	-1.07	0.16	0.10	0.37	0.17	0.02	-0.11	-0.01	0.05	0.03	0.25	0.04

RUN	POINT	Harmonics															
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1163.55	-1384.40	-206.48	282.81	-56.80	-44.30	-9.04	-40.16	-1.14	4.01	37.61	3.71	11.24	-6.61	-45.70	10.18
MRPC1CB33P25_SIN		0.00	-322.19	25.52	-57.80	8.27	5.10	-11.12	92.46	-19.50	11.97	-19.34	-12.63	-17.76	-14.72	-30.12	-35.04
MRPC1FB33P25_COS		2300.93	55.72	-334.30	396.56	-244.18	-28.17	-47.24	-115.23	-17.47	-0.59	92.32	32.63	26.06	-7.62	-87.73	40.91
MRPC1FB33P25_SIN		0.00	169.40	-85.64	32.25	87.83	29.44	-4.15	172.90	-37.36	-43.23	15.79	-11.14	-22.27	-21.24	-60.59	-74.03
MRPC1TOR25P5_COS		-798.63	-30.04	37.75	145.98	-29.67	4.48	-14.40	-19.30	-9.00	14.78	9.92	-2.91	-0.29	-2.16	0.83	-1.61
MRPC1TOR25P5_SIN		0.00	101.20	-96.49	62.79	52.63	-9.17	-10.47	-56.28	-13.61	-2.77	8.61	-0.15	-6.27	-0.65	-12.61	-4.05
MRPLK1LOAD_COS		-90.07	10.76	5.13	19.91	-3.55	0.66	-1.46	-2.32	-1.06	2.70	1.36	-0.95	-0.05	-0.08	1.13	-0.44
MRPLK1LOAD_SIN		0.00	-14.32	-8.58	6.93	6.67	-1.24	-1.58	-8.27	-1.66	-0.30	1.73	-0.17	-0.86	-0.24	-2.78	-0.67
PITCHRH_COS		9904.74	-8870.55	-414.75	-73.81	-114.12	-289.84	-1.30	-7.75	-48.48	48.71	196.33	3.06	28.36	-44.46	23.39	-439.45
PITCHRH_SIN		0.00	3047.98	-444.91	-1.64	-0.91	661.52	279.50	-6.64	2.31	-132.75	-502.12	-30.81	7.67	-42.88	-17.71	-223.41
ROLLRH_COS		-176.37	-2573.17	539.16	-34.96	-85.75	-1106.23	-60.42	22.35	69.29	78.89	152.93	13.71	4.33	-47.00	18.65	12.80
ROLLRH_SIN		0.00	-8721.25	-506.37	-1.81	90.46	-434.31	-109.44	-92.20	-31.51	16.21	-130.46	-18.56	13.51	-7.26	-2.42	-696.11
TORQ_COS		30538.93	486.44	6.74	0.58	-70.07	135.78	-5.52	-10.79	-4.94	-1.05	4.45	0.14	1.95	-1.48	-9.78	-7.09
TORQ_SIN		0.00	447.97	-24.59	19.34	72.02	30.24	4.60	9.30	13.00	-9.32	-2.61	4.86	-5.56	7.45	-13.06	44.11
THRUST_COS		5839.51	-67.57	6.23	7.46	12.82	4.14	1.78	-4.25	2.63	-0.24	-37.97	1.71	-0.45	-1.29	2.34	-10.22
THRUST_SIN		0.00	-9.02	13.06	-11.41	1.34	-37.04	3.92	11.28	-1.10	1.88	15.91	-0.41	2.45	1.95	-0.19	40.48

RUN	POINT	Harmonics															
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.82	0.77	-13.90	-3.09	-30.91	110.62	5.14	-2.21	0.03	-4.14	-4.97	-0.64	-0.46	1.37	-0.52	0.00
SIDERH_SIN		0.00	214.95	10.27	4.33	-58.16	-53.05	6.83	1.45	2.07	-0.16	2.22	1.10	0.00	0.30	-0.01	20.75
DRAGRH_COS		-230.16	234.07	6.77	-2.47	-20.97	-20.47	-14.86	-0.13	2.97	-2.71	-4.22	0.52	0.46	2.16	-1.01	18.34
DRAGRH_SIN		0.00	-67.26	17.38	-0.35	15.96	69.84	-26.92	5.69	-2.19	7.93	26.97	1.13	1.37	2.46	0.18	11.24

RUN	POINT	Harmonics															
52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	1.25	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.80	0.00	0.00	0.00	-0.01	0.01	0.09	-0.01	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.81	1.74	0.94	4.16	-2.96	-1.67	0.05	-0.24	0.09	-0.80	-0.35	-0.10	0.34	0.14	0.07	-0.20
ACT1FORCE_SIN		0.00	10.43	-0.05	7.93	2.55	-0.16	-0.23	-0.46	0.23	1.98	-0.32	0.08	0.27	0.05	-0.10	0.40
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	-0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.08	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.99	-14.81	-7.61	192.70	16.86	12.19	-1.22	-0.17	0.03	-0.47	-0.02	-0.03	-0.01	-0.05	-0.02	-0.07
FA1IBVOLTAGE_SIN		0.00	-53.95	3.18	-252.97	-16.49	1.44	2.21	-0.10	-0.06	-0.11	-0.08	0.03	0.05	0.04	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.08	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.08	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.01	15.01	7.82	-192.32	-17.04	-12.30	0.21	0.02	-0.08	0.48	0.04	0.04	0.09	0.05	0.03	0.04
FA1OBVOLTAGE_SIN		0.00	54.09	-3.16	254.37	16.84	-1.34	-2.22	0.04	-0.04	0.05	0.06	-0.03	-0.06	-0.03	0.01	0.02
MRBLD1CB42P75_COS		-4059.08	-1328.28	-88.57	247.36	-43.31	-50.82	-19.77	14.33	21.90	26.67	23.05	-30.01	1.55	-4.70	-38.18	-13.37
MRBLD1CB42P75_SIN		0.00	-262.70	-11.65	-76.17	55.12	0.66	-0.70	74.23	-1.29	50.68	-9.85	-49.32	-40.36	-23.50	-7.72	-31.47

RUN	POINT	Harmonics															
52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2722.72	-663.01	226.43	198.51	-24.13	-19.98	-56.04	5.32	14.28	30.67	23.37	-22.93	-1.81	-3.43	-26.32	-21.92
MRBLD1CB70_SIN		0.00	-155.85	-39.52	-41.76	124.88	19.87	43.02	58.49	9.39	45.27	-2.35	-30.65	-19.50	-11.02	-3.02	-21.55
MRBLD1CB120_COS		-575.07	-192.20	384.05	134.01	-8.88	40.60	-51.37	5.86	-15.70	0.77	3.31	22.00	-2.61	-2.40	6.03	6.38
MRBLD1CB120_SIN		0.00	29.96	-103.80	-88.97	143.66	30.96	65.12	17.80	-2.47	-13.60	8.80	19.98	15.21	9.28	1.54	-4.99
MRBLD1CB164_COS		-1993.45	-70.00	137.43	54.50	-51.56	16.94	-18.36	0.28	-11.97	-2.32	-0.91	22.99	0.99	0.15	8.28	6.42
MRBLD1CB164_SIN		0.00	63.94	-39.96	-36.43	77.35	18.41	23.26	-17.47	-8.31	-28.65	1.06	22.24	8.54	5.55	4.17	20.20
MRBLD1FB42P75_COS		3130.08	72.69	-410.72	313.01	-115.26	-13.16	-14.64	70.59	-12.25	35.60	40.10	-17.09	-15.87	-18.42	-31.00	-57.88
MRBLD1FB42P75_SIN		0.00	37.09	-64.77	-170.46	198.31	58.06	27.26	103.06	-27.27	-10.13	-45.31	-41.68	-39.48	-8.84	45.54	-36.90
MRBLD1FB70_COS		412.74	-97.79	-217.14	81.98	-57.61	-7.11	0.25	19.81	0.24	2.43	-1.73	-2.77	0.57	2.01	7.15	11.69
MRBLD1FB70_SIN		0.00	-137.75	-14.61	-67.88	48.63	6.68	3.82	20.59	-0.51	4.37	1.51	2.32	2.93	1.29	-8.49	8.19
MRBLD1FB87_COS		-81.61	-55.12	-170.49	29.27	-45.70	-16.79	-6.17	-4.73	4.48	-3.74	-3.62	9.52	5.27	4.31	6.31	11.45
MRBLD1FB87_SIN		0.00	-132.87	15.68	-7.53	33.52	-0.98	-5.62	-14.00	-0.95	-1.38	10.75	10.81	11.08	4.80	-7.54	8.59
MRBLD1FB120_COS		-470.23	-42.81	-250.74	32.54	-10.02	-8.87	-1.03	-23.02	0.24	-2.35	1.14	-5.68	-4.22	-3.47	-9.69	-17.10
MRBLD1FB120_SIN		0.00	-182.57	38.70	42.73	38.00	0.86	-3.57	-24.54	5.95	-4.54	-7.97	-7.17	-9.04	-6.80	8.58	-13.58
MRBLD1FB164_COS		-86.16	-13.02	-357.25	-74.65	148.02	60.73	16.57	31.71	2.06	6.39	1.52	9.91	9.44	4.27	1.97	8.64
MRBLD1FB164_SIN		0.00	-233.56	62.03	130.97	-75.62	-15.63	3.78	22.58	-7.18	5.40	15.00	14.35	7.91	-0.85	-5.12	11.80

RUN	POINT	Harmonics															
52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.70	-2.52	-200.76	-86.64	117.47	47.23	-7.87	21.57	5.86	-2.10	-6.98	18.18	5.23	-1.76	-9.29	-16.34
MRBLD1FB180_SIN		0.00	-166.76	46.03	101.54	-73.69	-20.61	4.10	16.04	-20.84	-14.44	13.61	17.98	9.67	-4.23	8.42	-18.06
MRBLD1TOR51_COS		-1379.34	40.64	-14.56	-138.68	-8.02	-8.12	20.64	30.28	10.51	6.15	-5.94	-0.32	1.42	0.87	-3.35	1.10
MRBLD1TOR51_SIN		0.00	-33.49	37.31	56.03	-50.35	7.10	2.83	32.52	1.71	11.76	-1.10	3.50	2.90	0.34	0.97	-5.72
MRBLD1TOR71_COS		-237.18	47.06	-20.43	-148.99	-2.22	-4.60	22.15	25.82	7.26	3.31	-7.57	0.74	0.79	1.89	-1.18	0.86
MRBLD1TOR71_SIN		0.00	-35.75	29.70	50.25	-57.48	4.85	4.84	25.99	3.21	8.31	-0.08	6.63	5.04	1.85	0.02	-2.64
MRBLD1TOR130_COS		-6.06	47.48	-0.53	-162.84	7.09	-2.88	16.05	19.27	3.77	3.74	-0.21	1.61	0.91	-0.58	-2.45	-3.04
MRBLD1TOR130_SIN		0.00	-31.58	34.71	60.54	-55.84	6.35	7.32	22.95	2.84	7.67	2.77	0.76	-0.48	-0.06	-1.55	3.42
MRBLD1TOR164_COS		-208.55	34.95	55.53	-119.56	-18.75	-12.06	1.43	6.65	1.69	4.80	1.91	2.36	-0.50	0.37	-2.68	-1.36
MRBLD1TOR164_SIN		0.00	-6.89	23.08	32.21	-34.17	3.43	5.93	9.76	-0.33	-1.63	4.12	2.78	-0.09	-0.21	-0.82	-1.27
MRFBM1CB26P5_COS		-4772.42	-561.33	-73.82	64.37	11.58	-12.46	9.78	0.41	2.06	-1.70	0.97	0.52	1.89	-0.38	-1.65	3.83
MRFBM1CB26P5_SIN		0.00	-164.45	14.78	-30.79	-17.95	-10.64	-11.27	3.99	-3.93	-0.18	-2.65	-2.10	-2.82	-0.91	-0.41	-3.59
MRFBM1FB9_COS		343.61	-50.75	183.69	-90.86	23.88	4.69	3.43	1.07	-1.34	-1.25	-2.62	-0.84	-1.42	-0.31	1.46	-0.84
MRFBM1FB9_SIN		0.00	49.47	37.03	9.48	-20.97	-4.77	2.55	-7.18	0.51	-2.15	-0.93	1.86	1.10	0.93	1.04	2.15
MRFBM1TOR26P5_COS		-364.21	95.42	-0.27	-0.95	-0.21	0.28	0.04	0.35	0.00	-0.07	-0.20	-0.08	-0.01	0.03	0.07	0.07
MRFBM1TOR26P5_SIN		0.00	-68.31	-0.19	0.77	-1.26	0.10	0.00	0.23	0.08	0.22	-0.01	-0.03	0.04	0.04	0.13	-0.03

RUN	POINT	Harmonics															
52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1175.92	-1277.66	-160.25	233.38	-34.30	-39.41	-5.68	15.69	12.28	19.55	18.44	-15.13	2.31	-3.79	-31.09	-5.99
MRPC1CB33P25_SIN		0.00	-226.83	13.44	-89.63	22.06	-1.78	-12.52	56.11	-10.37	28.07	-9.99	-33.94	-29.51	-16.28	-3.81	-31.68
MRPC1FB33P25_COS		2304.76	24.66	-314.83	292.84	-141.01	-28.04	-21.86	13.30	5.25	35.13	58.81	14.63	16.11	-5.55	-60.12	-1.07
MRPC1FB33P25_SIN		0.00	148.91	-117.45	-76.59	144.39	39.13	17.58	105.32	-27.24	10.90	-8.99	-38.61	-36.83	-20.09	-0.28	-71.76
MRPC1TOR25P5_COS		-798.20	-36.81	9.20	152.52	-2.67	0.57	-29.50	-35.22	-12.14	-3.81	10.93	-1.50	-2.66	-1.71	-6.50	-5.43
MRPC1TOR25P5_SIN		0.00	102.63	-90.86	-48.71	65.59	-6.28	-3.30	-30.27	-4.12	-11.57	2.63	-7.14	-7.81	-3.12	-5.45	-0.03
MRPLK1LOAD_COS		-90.21	10.75	1.33	20.98	-0.06	0.07	-3.68	-4.80	-1.61	-0.03	1.71	0.23	-0.50	-0.11	-0.78	-1.10
MRPLK1LOAD_SIN		0.00	-13.92	-7.56	-7.16	8.22	-0.56	-0.67	-4.38	-0.40	-1.99	0.55	-0.70	-0.92	-0.54	-1.64	0.33
PITCHRH_COS		10758.67	-8877.97	-375.20	-84.49	-102.11	232.48	34.00	-7.89	-22.48	6.47	62.32	-6.46	7.66	-15.11	21.32	-297.27
PITCHRH_SIN		0.00	3179.28	-438.00	21.62	51.95	480.28	280.80	-37.86	37.09	-109.69	-318.13	-59.32	7.72	17.32	-37.21	-50.05
ROLLRH_COS		-67.40	-2689.69	539.43	-6.16	-91.55	-1177.44	-123.17	-24.27	83.01	120.36	-17.99	6.45	13.27	-13.05	25.88	-364.21
ROLLRH_SIN		0.00	-8703.94	-548.82	-31.93	134.88	158.87	-148.24	-79.26	-4.02	-20.57	0.54	15.27	-7.37	-24.77	-14.96	-399.48
TORQ_COS		30280.50	499.78	-1.94	1.30	-17.61	113.89	-8.06	-13.50	-11.68	3.22	14.24	0.55	3.22	-1.87	-8.55	-0.33
TORQ_SIN		0.00	468.79	-26.40	15.17	77.62	37.76	5.46	11.62	5.07	-5.18	4.48	10.26	-9.07	7.07	-8.50	44.37
THRUST_COS		5851.95	-65.98	11.28	-2.44	6.56	-0.04	1.95	-3.12	1.19	-4.24	-11.23	3.30	1.04	-2.04	1.04	14.35
THRUST_SIN		0.00	-9.68	14.33	-10.03	-0.60	-36.01	2.76	14.40	0.65	0.39	13.93	2.96	0.33	1.51	4.21	37.56

RUN	POINT	Harmonics															
52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.63	0.98	-14.23	0.73	-40.04	81.34	7.68	-1.52	-0.69	-5.93	-0.60	-0.31	-0.58	0.25	-0.90	10.89
SIDERH_SIN		0.00	212.41	10.72	4.25	-55.28	-91.88	11.16	1.61	0.81	1.69	-1.74	-1.18	0.68	0.90	0.17	12.04
DRAGRH_COS		-225.70	233.73	6.79	-1.95	-14.43	18.61	-16.92	2.40	1.16	-0.28	-4.26	-1.49	1.35	1.20	-0.65	12.43
DRAGRH_SIN		0.00	-70.32	18.10	1.04	21.64	96.64	-29.73	5.66	-1.87	5.35	26.13	2.91	0.97	0.22	0.67	3.58

RUN	POINT	Harmonics															
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.69	0.00	0.00	0.00	0.00	0.00	0.07	-0.02	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-1.31	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.84	1.95	-0.01	6.11	-2.04	-1.33	0.23	-0.35	0.00	1.41	-0.49	-0.03	-0.07	-0.06	-0.15	0.36
ACT1FORCE_SIN		0.00	10.51	0.48	3.43	2.29	-0.11	-0.55	0.09	0.13	0.28	-0.10	0.13	0.10	0.47	0.23	-0.38
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.43	-15.38	-2.05	50.85	10.94	10.43	-0.54	-0.08	-0.12	-0.19	-0.09	-0.04	-0.08	-0.10	-0.08	0.07
FA1IBVOLTAGE_SIN		0.00	-57.52	-2.65	-307.21	-13.68	1.88	5.39	0.06	-0.02	0.33	-0.03	-0.07	-0.07	-0.03	-0.02	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.57	15.56	2.23	-50.27	-11.01	-10.54	-0.02	-0.05	0.02	0.16	0.07	0.06	0.05	0.11	0.09	-0.04
FA1OBVOLTAGE_SIN		0.00	57.64	2.63	308.22	14.07	-1.75	-4.65	-0.06	-0.05	-0.35	-0.01	0.04	0.02	0.02	0.01	0.09
MRBLD1CB42P75_COS		-4065.26	-1336.32	-24.72	222.52	-24.77	-40.90	-22.65	47.12	1.62	38.19	-24.51	-14.91	6.04	-5.58	-22.49	-14.72
MRBLD1CB42P75_SIN		0.00	-190.95	-24.50	-71.00	68.10	2.67	-5.58	86.91	0.14	24.68	-19.13	-52.19	-36.48	-23.22	-4.79	-27.01

RUN	POINT	Harmonics															
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2732.79	-666.41	271.37	179.20	5.15	-10.93	-48.53	31.94	-2.07	40.47	3.53	-12.84	-0.20	-3.42	-17.23	-21.16
MRBLD1CB70_SIN		0.00	-123.73	-33.27	-42.66	147.08	10.74	35.50	63.71	11.13	20.75	-17.52	-34.41	-18.93	-9.98	-3.38	-16.77
MRBLD1CB120_COS		-570.74	-188.37	410.34	127.85	27.62	46.53	-30.55	26.52	-20.70	4.25	26.91	14.63	-4.34	-0.29	5.06	5.66
MRBLD1CB120_SIN		0.00	32.59	-90.46	-82.81	156.83	19.37	58.23	17.13	3.34	-14.55	15.59	20.88	13.57	9.80	1.47	-4.63
MRBLD1CB164_COS		-1992.67	-68.09	138.12	41.09	-30.46	19.99	-11.40	1.10	-8.49	-2.76	8.73	16.14	0.43	-0.79	3.23	6.11
MRBLD1CB164_SIN		0.00	63.24	-35.73	-49.37	84.17	12.82	21.95	-21.43	-4.58	-20.81	17.73	23.41	10.39	4.56	4.87	16.47
MRBLD1FB42P75_COS		3127.09	77.20	-383.33	267.10	-65.17	11.30	0.74	158.30	-28.94	38.26	10.02	-14.83	-12.40	-15.94	-10.72	-53.17
MRBLD1FB42P75_SIN		0.00	21.46	-103.28	-159.95	167.51	74.00	23.84	96.23	6.53	-34.82	-1.15	-42.58	-37.18	-9.62	23.05	-25.83
MRBLD1FB70_COS		412.75	-94.70	-208.28	63.56	-40.47	-0.28	2.09	34.76	-3.39	1.65	-3.14	-2.80	0.39	2.00	2.74	11.19
MRBLD1FB70_SIN		0.00	-130.70	-31.66	-68.20	39.95	10.88	2.87	18.55	3.24	0.81	2.54	1.98	2.48	1.51	-3.95	6.13
MRBLD1FB87_COS		-80.65	-53.68	-169.57	15.76	-36.94	-13.96	-8.13	-13.28	7.13	-4.52	4.85	8.91	4.54	3.82	1.37	9.57
MRBLD1FB87_SIN		0.00	-123.85	4.21	-11.89	28.83	1.08	-3.97	-13.78	-4.52	4.74	1.44	12.14	10.56	4.40	-3.09	5.95
MRBLD1FB120_COS		-468.79	-44.82	-251.82	9.51	-5.90	-11.38	-4.28	-42.93	5.01	-2.18	-2.39	-6.27	-3.94	-2.73	-2.18	-14.65
MRBLD1FB120_SIN		0.00	-173.87	25.83	31.17	38.53	0.45	0.47	-22.80	1.67	-0.29	-6.57	-7.99	-8.67	-6.45	3.10	-9.75
MRBLD1FB164_COS		-86.78	-14.35	-330.02	-24.95	117.71	45.32	33.42	55.71	-3.78	5.54	5.84	10.68	9.01	3.16	-3.28	6.15
MRBLD1FB164_SIN		0.00	-216.39	21.87	187.75	-52.46	-22.27	-2.91	25.37	-2.68	4.31	8.18	13.65	6.34	0.32	0.18	10.95

RUN	POINT	Harmonics															
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.87	-3.46	-180.00	-31.37	95.53	38.17	8.38	42.53	-1.82	-5.23	6.87	16.34	3.42	0.77	3.30	-9.84
MRBLD1FB180_SIN		0.00	-153.65	17.69	153.53	-55.41	-28.04	1.82	22.48	-19.63	-5.89	-3.62	16.70	8.90	-1.20	4.87	-13.80
MRBLD1TOR51_COS		-1380.61	40.26	11.73	-86.83	-37.50	-7.37	19.20	53.26	2.64	10.78	-0.71	1.57	-0.19	0.36	-2.32	2.97
MRBLD1TOR51_SIN		0.00	-35.19	21.71	149.55	-47.04	5.00	-5.27	31.96	3.34	-4.30	-1.51	2.86	3.10	2.07	2.36	-4.29
MRBLD1TOR71_COS		-237.26	46.59	2.02	-97.83	-32.01	-4.93	20.31	43.32	1.86	5.85	-0.53	2.89	-0.53	1.18	-1.04	2.57
MRBLD1TOR71_SIN		0.00	-37.68	15.38	137.98	-54.38	2.21	-2.80	23.92	3.60	-4.78	-1.00	5.41	5.07	3.20	2.17	-2.34
MRBLD1TOR130_COS		-5.87	45.59	20.19	-107.52	-22.44	-5.09	14.59	33.75	-1.32	3.70	-1.51	4.47	1.09	-0.78	-2.35	-3.38
MRBLD1TOR130_SIN		0.00	-33.96	21.20	144.98	-49.26	3.29	0.68	21.54	3.89	-0.34	2.30	-0.13	-0.10	-0.64	-0.69	1.33
MRBLD1TOR164_COS		-208.30	33.86	65.17	-81.20	-32.46	-11.06	-1.61	12.48	0.19	-0.57	3.37	2.91	0.03	1.04	0.05	-4.14
MRBLD1TOR164_SIN		0.00	-9.55	18.56	86.85	-30.77	4.68	3.20	7.22	0.32	-0.84	2.34	1.60	-0.15	-1.46	-0.70	-2.12
MRFBM1CB26P5_COS		-4778.97	-564.72	-48.69	61.68	7.91	-11.94	7.58	2.73	1.09	-0.71	-5.53	0.92	2.33	-0.31	0.24	3.10
MRFBM1CB26P5_SIN		0.00	-128.07	8.11	-23.74	-20.05	-7.94	-10.86	6.22	-3.98	-0.39	0.15	-1.72	-2.18	-1.01	0.41	-3.51
MRFBM1FB9_COS		339.71	-58.03	154.97	-77.26	17.27	3.28	3.17	-2.80	0.33	-2.43	-0.95	-1.01	-1.36	-0.40	0.73	-0.65
MRFBM1FB9_SIN		0.00	24.65	53.83	12.63	-20.55	-7.13	1.27	-10.53	-0.05	-1.42	-0.17	1.71	0.84	0.79	0.54	1.92
MRFBM1TOR26P5_COS		-364.28	95.54	-0.17	-0.62	-0.69	0.26	0.02	0.51	-0.05	0.06	-0.14	-0.20	-0.04	0.03	0.03	0.07
MRFBM1TOR26P5_SIN		0.00	-68.39	-0.29	1.31	-1.18	0.03	-0.09	0.20	0.12	0.07	0.00	0.01	0.05	0.05	0.07	0.04

RUN	POINT	Harmonics															
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1183.07	-1282.84	-100.26	215.40	-23.72	-31.38	-8.01	46.14	-4.57	28.36	-20.11	-5.78	5.34	-3.92	-15.91	-8.14
MRPC1CB33P25_SIN		0.00	-159.07	-6.93	-75.36	24.93	4.61	-14.85	68.62	-6.03	10.55	-7.67	-35.64	-26.30	-16.15	-1.35	-27.37
MRPC1FB33P25_COS		2302.32	28.97	-288.76	251.41	-90.59	-12.17	-7.85	83.54	-22.28	49.49	11.73	17.88	16.85	-3.27	-27.57	-9.23
MRPC1FB33P25_SIN		0.00	132.73	-141.50	-80.56	131.16	58.58	20.10	134.97	-8.55	-5.47	4.39	-38.04	-33.30	-19.32	4.26	-61.54
MRPC1TOR25P5_COS		-800.38	-35.34	-16.86	95.40	32.83	0.05	-27.32	-57.73	-5.26	-10.06	0.89	1.31	0.43	-1.21	-2.82	-8.41
MRPC1TOR25P5_SIN		0.00	102.82	-72.65	-152.54	64.15	-3.71	5.55	-28.49	-5.45	5.39	0.97	-7.75	-7.05	-6.17	-4.13	-3.47
MRPLK1LOAD_COS		-90.50	10.94	-1.95	13.56	4.56	0.00	-3.47	-8.09	-0.52	-1.22	0.55	0.99	-0.05	-0.09	-0.38	-1.39
MRPLK1LOAD_SIN		0.00	-13.74	-5.24	-20.40	7.98	-0.19	0.56	-4.11	-0.76	0.48	0.32	-0.94	-0.83	-0.99	-1.10	-0.62
PITCHRH_COS		10865.29	-8860.12	-327.41	-93.22	-105.97	297.25	20.64	9.42	-2.52	-27.01	139.23	-44.95	18.11	10.35	42.88	-163.81
PITCHRH_SIN		0.00	3220.05	-430.80	26.07	102.27	134.48	247.79	-37.89	26.49	-108.36	-159.63	-32.08	2.68	0.99	-22.02	-26.68
ROLLRH_COS		367.54	-2723.10	549.54	-9.78	-100.82	-868.44	-170.95	-37.20	70.47	77.14	39.44	-13.04	15.56	-33.33	70.01	-327.32
ROLLRH_SIN		0.00	-8699.58	-589.27	-68.33	176.38	412.55	-142.27	-68.67	-31.03	14.08	53.67	-21.98	24.12	-38.41	-41.75	-184.41
TORQ_COS		30227.82	485.83	-2.78	-1.67	-19.32	108.76	-5.11	-9.48	-12.89	4.25	37.09	0.53	0.95	-2.14	-8.66	-2.48
TORQ_SIN		0.00	484.71	-27.64	12.08	64.89	37.79	5.22	9.95	10.20	-3.44	-9.42	7.94	-6.81	6.84	-8.54	43.94
THRUST_COS		5859.60	-64.73	14.29	-9.04	5.06	-13.34	2.23	0.70	0.96	-1.21	7.65	3.25	0.59	-1.27	-3.04	13.27
THRUST_SIN		0.00	-13.81	13.46	-5.56	0.35	-41.14	1.91	13.28	1.11	0.82	-16.10	-0.46	-0.67	1.15	6.98	25.92

RUN	POINT	Harmonics															
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.35	2.59	-14.82	1.95	-43.97	47.40	11.35	-0.87	-0.83	-3.69	-2.61	0.89	-0.68	0.86	-2.14	9.66
SIDERH_SIN		0.00	213.50	11.33	2.70	-55.09	-90.55	10.56	1.69	1.54	-0.94	-0.91	1.17	-0.49	1.42	0.85	5.77
DRAGRH_COS		-224.94	234.26	7.02	-0.17	-9.47	50.71	-16.74	4.40	-0.38	1.92	-2.05	1.58	0.82	0.11	-1.39	5.87
DRAGRH_SIN		0.00	-70.79	18.97	1.55	24.12	86.83	-29.79	4.33	-1.38	5.87	22.73	-0.16	0.77	0.89	1.08	2.84

RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.80	0.00	0.00	0.00	0.02	-0.01	-0.10	0.00	0.01	0.00	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.24	0.00	0.00	0.00	0.02	0.01	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.35	1.98	0.53	1.54	-1.35	-1.05	0.31	0.64	-0.17	-2.49	-0.18	0.14	0.09	0.06	-0.11	0.45
ACT1FORCE_SIN		0.00	10.23	2.44	-5.39	0.19	-0.04	0.06	0.67	0.43	0.03	-0.07	-0.03	-0.05	0.10	0.16	0.23
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.87	-17.51	-9.16	-212.84	12.27	11.41	-3.57	0.08	-0.04	0.10	0.04	0.00	0.01	-0.03	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-64.36	-20.13	-189.60	2.60	-0.22	-2.88	0.03	0.07	-0.39	0.05	0.09	-0.05	0.04	-0.04	0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.09	17.63	9.20	213.85	-12.09	-11.35	4.32	-0.14	-0.02	-0.02	-0.03	0.00	0.05	0.02	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	64.48	20.08	189.65	-2.38	0.30	2.95	0.03	-0.01	0.35	-0.03	-0.07	0.05	-0.05	0.04	-0.03
MRBLD1CB42P75_COS		-4052.70	-1525.38	-39.40	153.75	27.83	-14.96	-29.40	-13.64	20.81	10.54	-10.33	-8.29	2.96	-7.05	-30.98	-6.32
MRBLD1CB42P75_SIN		0.00	-223.00	-114.69	9.71	66.20	19.34	0.54	14.26	13.25	22.22	-32.61	-45.71	-24.99	-14.50	-12.96	-21.73

RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.82	-786.54	302.29	107.30	65.00	3.32	-22.08	-17.53	9.87	18.26	8.59	-9.85	0.51	-0.74	-19.78	-11.65
MRBLD1CB70_SIN		0.00	-146.14	-80.24	9.57	171.44	45.54	7.90	15.63	20.21	23.50	-22.34	-30.16	-13.68	-4.72	-9.10	-10.96
MRBLD1CB120_COS		-581.78	-228.46	451.08	88.72	88.48	53.98	17.68	1.03	-17.67	-15.26	18.85	12.41	-0.60	0.66	6.65	6.40
MRBLD1CB120_SIN		0.00	9.36	-108.36	-32.94	155.61	57.01	23.94	-1.37	1.51	-12.44	18.40	19.87	9.96	7.22	0.13	-1.26
MRBLD1CB164_COS		-1995.39	-67.98	143.30	-16.15	14.14	14.48	13.91	7.80	-11.15	-12.77	8.51	15.83	2.77	-2.20	3.66	0.32
MRBLD1CB164_SIN		0.00	50.90	-34.28	-40.48	73.89	29.68	9.03	-6.37	-11.69	-23.11	16.78	22.78	8.77	2.40	9.70	11.21
MRBLD1FB42P75_COS		3106.00	134.08	-462.17	149.47	44.29	98.41	9.68	-26.78	10.05	-29.46	11.60	9.04	5.71	-6.34	-35.71	-25.21
MRBLD1FB42P75_SIN		0.00	18.75	-152.34	66.09	-37.94	48.58	58.83	20.36	-3.04	-6.97	-38.12	-57.90	-32.45	-3.30	26.26	-30.55
MRBLD1FB70_COS		408.49	-89.71	-242.08	8.32	-3.64	21.85	5.54	1.83	2.97	-3.29	-3.31	-3.91	-1.65	0.48	7.78	5.09
MRBLD1FB70_SIN		0.00	-133.78	-54.24	6.60	-20.44	6.81	12.29	5.23	2.57	4.07	2.23	3.23	3.00	0.70	-3.52	7.53
MRBLD1FB87_COS		-79.44	-48.89	-194.49	-28.11	-19.68	-8.98	-4.93	1.77	1.99	8.60	4.46	4.60	0.79	1.39	6.44	4.64
MRBLD1FB87_SIN		0.00	-123.17	-6.72	28.28	0.95	0.34	-3.40	-6.67	-4.82	0.09	8.89	14.67	9.11	2.45	-4.61	6.42
MRBLD1FB120_COS		-458.27	-44.88	-277.42	-56.31	-7.84	-22.65	-0.89	-0.37	-2.48	4.49	-1.42	-3.16	0.39	1.64	-8.46	-7.14
MRBLD1FB120_SIN		0.00	-159.98	16.61	65.82	28.87	7.28	-2.06	-1.94	0.64	-5.04	-8.80	-10.55	-8.83	-4.02	5.55	-10.40
MRBLD1FB164_COS		-90.86	-23.55	-370.92	114.51	35.44	17.74	22.89	4.86	5.22	1.04	2.99	7.48	6.55	0.22	1.59	5.04
MRBLD1FB164_SIN		0.00	-191.31	-49.90	225.43	42.98	-16.88	-5.36	-10.29	-3.29	8.65	14.41	16.49	6.09	-1.08	-0.95	9.93

RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.88	-16.38	-214.18	124.87	47.26	14.83	8.18	0.92	-0.30	11.59	14.07	11.00	3.92	7.16	-2.58	-0.43
MRBLD1FB180_SIN		0.00	-129.43	-40.55	157.31	19.75	-25.29	0.14	-8.05	-23.91	-12.17	11.42	18.18	2.06	-2.12	6.03	-11.82
MRBLD1TOR51_COS		-1381.13	31.94	12.11	103.18	-64.42	-0.87	8.25	27.67	7.94	-11.34	-0.23	0.86	2.49	1.73	-4.39	1.81
MRBLD1TOR51_SIN		0.00	-39.50	-32.20	217.68	-2.78	2.05	-7.64	6.83	11.41	6.96	-2.79	0.85	1.13	2.24	2.33	-0.94
MRBLD1TOR71_COS		-238.45	40.87	3.24	87.01	-62.24	-2.33	9.54	25.30	5.09	-10.06	-1.57	-0.53	1.13	2.41	-1.26	1.96
MRBLD1TOR71_SIN		0.00	-41.35	-32.17	193.80	-8.85	-1.55	-6.26	7.94	10.11	6.76	-0.71	3.99	2.52	3.06	2.28	0.51
MRBLD1TOR130_COS		-5.47	36.96	24.32	85.60	-53.72	-6.59	5.99	16.94	3.22	-6.02	-0.93	1.54	0.57	-0.89	0.37	-1.19
MRBLD1TOR130_SIN		0.00	-35.60	-25.36	185.65	3.26	0.63	-2.67	7.83	8.00	6.34	1.42	1.18	-0.09	-0.61	-1.67	1.26
MRBLD1TOR164_COS		-207.17	26.69	73.17	50.95	-36.08	-6.89	-4.76	1.75	1.68	6.83	2.89	0.98	0.19	0.62	0.41	-0.38
MRBLD1TOR164_SIN		0.00	-12.64	-4.94	103.34	-5.00	5.53	5.13	3.15	0.14	3.37	3.12	2.97	1.14	-0.29	-3.31	-2.36
MRFBM1CB26P5_COS		-4767.47	-659.32	-62.08	69.00	3.38	-8.39	-1.39	-0.94	2.85	-3.08	-2.86	2.33	2.28	-0.85	-1.22	3.65
MRFBM1CB26P5_SIN		0.00	-151.63	-27.90	-1.55	-25.36	-10.15	-2.71	-0.69	-3.30	-1.67	-2.72	-1.52	-1.16	-0.30	-0.80	-2.31
MRFBM1FB9_COS		337.46	15.82	188.84	-25.16	-3.65	-4.39	3.29	1.81	-0.99	-0.03	-1.89	-1.85	-1.29	-0.18	1.01	-0.76
MRFBM1FB9_SIN		0.00	8.52	105.09	-30.77	-3.39	-10.13	-2.99	-0.37	-1.18	0.03	0.41	1.17	0.23	0.46	1.19	1.07
MRFBM1TOR26P5_COS		-364.22	96.10	-0.04	0.63	-1.31	0.21	-0.06	0.39	-0.03	-0.20	-0.10	-0.01	-0.02	0.00	-0.06	-0.03
MRFBM1TOR26P5_SIN		0.00	-68.38	-0.42	1.65	-0.26	0.00	-0.12	0.02	0.17	0.04	0.01	-0.07	0.04	0.02	0.14	0.00

RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1170.48	-1449.61	-131.10	181.68	15.11	-5.97	-20.07	-8.76	14.70	1.23	-6.51	2.65	5.44	-4.50	-24.58	-0.24
MRPC1CB33P25_SIN		0.00	-180.41	-95.86	7.68	-0.23	11.47	5.82	6.44	4.05	7.40	-21.99	-31.82	-16.70	-9.07	-8.52	-20.69
MRPC1FB33P25_COS		2288.04	81.84	-344.97	106.03	48.88	62.22	-10.47	-28.50	10.49	-12.84	33.42	44.28	26.60	-2.17	-44.00	11.96
MRPC1FB33P25_SIN		0.00	132.75	-184.45	82.26	-13.22	65.95	47.59	5.60	0.50	-20.58	-21.63	-34.06	-17.55	-7.18	-16.48	-39.39
MRPC1TOR25P5_COS		-802.09	-20.48	-18.29	-118.47	73.71	-6.45	-15.98	-34.17	-9.32	14.15	0.69	-0.91	-2.37	-2.66	1.26	-1.07
MRPC1TOR25P5_SIN		0.00	105.19	-10.82	-222.35	15.12	2.74	8.18	-6.43	-13.73	-6.86	1.76	-3.68	-4.07	-3.90	-8.88	-3.10
MRPLK1LOAD_COS		-90.63	11.83	-1.98	-13.87	9.66	-0.78	-1.90	-4.64	-1.24	2.76	0.21	-0.14	-0.46	-0.18	0.85	-0.06
MRPLK1LOAD_SIN		0.00	-13.18	2.18	-29.78	1.73	0.47	1.07	-0.87	-1.98	-0.89	0.51	-0.22	-0.46	-0.69	-1.76	-0.36
PITCHRH_COS		9667.45	-8828.93	-294.65	-83.14	-80.12	238.22	-44.60	-49.08	18.07	5.51	130.76	-30.41	29.25	-4.29	25.90	-243.65
PITCHRH_SIN		0.00	3199.47	-510.89	23.92	103.72	-737.66	215.20	-19.24	-19.61	2.78	-496.32	-36.16	-15.67	-7.46	1.94	-76.34
ROLLRH_COS		682.10	-2717.72	476.75	-46.91	-71.90	545.48	-130.11	-63.22	116.94	-16.56	97.88	-6.79	27.01	-23.82	51.01	-124.12
ROLLRH_SIN		0.00	-8672.87	-602.63	-82.53	252.67	887.25	-44.39	31.61	16.84	-23.91	-170.37	-35.68	14.54	-33.55	0.82	-288.13
TORQ_COS		30460.02	477.09	-8.11	-11.41	-46.26	97.65	-4.12	-6.82	-8.09	-0.38	29.13	1.26	1.56	-0.88	-8.59	4.65
TORQ_SIN		0.00	455.38	-12.92	2.11	10.08	47.51	2.83	13.94	10.83	-3.78	0.99	9.12	-7.71	4.87	-8.51	36.16
THRUST_COS		5846.07	-62.02	13.49	-12.64	6.87	-46.02	2.06	1.55	0.26	3.62	-8.09	3.09	-0.30	-0.14	0.03	3.45
THRUST_SIN		0.00	-12.18	4.48	9.26	8.46	-32.88	-0.41	11.00	0.22	1.23	23.49	2.72	-0.33	-0.87	2.45	20.55

RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.95	1.28	-13.45	0.16	-48.69	-72.95	10.47	1.42	-3.03	0.67	-3.81	-0.04	-0.83	0.52	-1.49	3.86
SIDERH_SIN		0.00	213.17	11.75	-2.39	-62.63	-43.44	1.73	0.43	0.88	-0.05	3.94	2.09	-0.42	1.22	-0.07	8.35
DRAGRH_COS		-233.39	233.69	7.52	2.84	-9.15	110.89	-10.86	-1.18	2.26	0.35	-7.83	3.15	-1.25	0.57	-1.20	9.65
DRAGRH_SIN		0.00	-70.45	19.31	1.13	16.48	11.73	-20.87	-0.96	2.05	1.18	31.54	0.69	2.11	1.49	-0.55	4.01

RUN	POINT	Harmonics															
52	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-1.31	0.00	0.00	0.00	0.02	-0.02	0.01	0.01	-0.01	0.00	0.00	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.07	-0.01	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.30	2.03	0.07	-3.45	-1.69	-0.61	0.19	0.66	-0.33	-0.28	0.25	-0.09	-0.29	-0.05	0.27	-0.37
ACT1FORCE_SIN		0.00	10.53	3.34	-7.64	-1.31	0.17	0.09	-0.05	-0.04	1.75	0.08	0.04	0.48	-0.03	0.40	-0.07
FA1IBCURRENT_COS		0.00	-0.01	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.09	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.20	-18.81	-9.06	-266.02	16.84	8.34	-4.34	-0.05	-0.08	-0.27	0.11	0.07	-0.10	0.02	0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-67.89	-23.89	-45.52	9.61	-3.51	-0.48	-0.06	0.02	-0.15	0.08	-0.04	-0.01	-0.04	0.02	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.74	18.91	9.05	266.89	-16.68	-8.24	4.68	-0.04	0.10	0.26	-0.09	-0.07	0.06	-0.01	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	68.00	23.89	44.75	-9.52	3.54	-0.12	0.13	0.02	0.08	-0.09	0.03	-0.02	0.05	-0.02	0.04
MRBLD1CB42P75_COS		-4073.26	-1580.10	-7.84	159.80	48.30	-22.98	-24.11	-102.92	34.59	24.63	-29.95	3.55	-2.06	-7.21	-30.68	2.24
MRBLD1CB42P75_SIN		0.00	-151.06	-150.78	79.16	36.01	28.50	16.33	31.33	11.14	34.65	-38.55	-28.13	-21.25	-14.76	-27.57	-14.64

RUN	POINT	Harmonics															
52	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2744.49	-821.12	331.76	107.73	110.08	-6.41	-23.37	-76.83	19.01	28.03	9.43	-0.48	-2.43	-0.13	-20.24	-4.84
MRBLD1CB70_SIN		0.00	-100.15	-103.65	66.57	145.67	55.68	-3.98	36.14	18.72	28.58	-26.73	-16.76	-10.78	-6.09	-17.47	-10.24
MRBLD1CB120_COS		-562.57	-239.14	468.44	102.77	120.83	55.88	30.20	-26.46	-19.48	-13.03	27.57	9.65	3.46	1.43	8.11	4.61
MRBLD1CB120_SIN		0.00	15.59	-122.62	4.67	114.43	60.48	-5.34	19.66	-2.93	6.09	30.16	15.85	9.48	7.71	3.32	-1.48
MRBLD1CB164_COS		-1989.37	-72.65	145.47	-32.26	24.45	13.90	16.06	25.14	-20.52	-15.94	4.36	11.90	6.34	-2.51	3.09	-3.86
MRBLD1CB164_SIN		0.00	43.56	-36.14	-16.39	45.50	34.61	-10.26	-1.00	-11.04	-5.83	27.46	17.56	9.73	2.51	13.76	9.68
MRBLD1FB42P75_COS		3109.79	145.69	-465.61	202.75	-47.87	115.80	57.83	-183.02	14.90	36.85	-9.27	23.62	5.04	-3.03	-54.39	-6.08
MRBLD1FB42P75_SIN		0.00	-11.76	-167.48	179.38	-172.43	35.90	66.88	141.76	-20.17	34.57	0.80	-50.58	-27.64	-6.35	8.50	-33.00
MRBLD1FB70_COS		401.68	-85.77	-244.19	19.20	-28.08	25.86	15.77	-27.26	4.39	2.04	-3.79	-4.53	-1.75	0.05	11.55	0.82
MRBLD1FB70_SIN		0.00	-139.86	-61.20	48.44	-65.24	5.58	14.89	27.12	-0.52	6.17	2.94	2.97	2.52	0.72	0.24	8.02
MRBLD1FB87_COS		-85.50	-44.08	-196.46	-28.57	-31.62	-7.52	-4.88	16.36	0.60	-3.28	9.73	0.76	1.47	0.70	10.93	0.29
MRBLD1FB87_SIN		0.00	-127.50	-7.39	54.52	-20.09	0.96	-3.47	-15.12	-1.79	-7.15	1.21	12.87	7.86	2.69	-0.85	6.79
MRBLD1FB120_COS		-466.05	-40.86	-276.79	-66.27	-8.53	-22.11	-13.78	41.77	-6.08	-0.95	-2.07	-1.28	0.08	3.12	-13.88	-0.19
MRBLD1FB120_SIN		0.00	-155.44	18.36	97.56	32.67	10.87	-7.77	-32.54	4.75	-6.45	-8.69	-10.36	-7.21	-4.44	-0.59	-10.31
MRBLD1FB164_COS		-100.26	-13.17	-374.80	191.16	70.07	20.45	43.75	-57.61	9.31	2.50	4.87	5.71	7.71	-0.83	5.44	2.58
MRBLD1FB164_SIN		0.00	-183.26	-64.73	190.36	117.26	-38.63	-0.37	26.82	-4.80	12.97	9.70	13.70	4.82	-0.90	1.26	10.21

RUN	POINT	Harmonics															
52	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.44	-12.15	-222.94	188.86	72.27	13.88	27.80	-51.10	0.44	-6.79	23.30	4.28	6.53	7.34	-9.09	5.09
MRBLD1FB180_SIN		0.00	-121.80	-57.54	109.84	70.63	-39.54	1.79	28.00	-19.29	-14.59	-4.01	15.02	1.44	-1.69	2.36	-9.73
MRBLD1TOR51_COS		-1380.76	32.11	5.56	203.33	-60.32	-10.50	12.69	-8.32	5.45	3.26	5.38	1.59	3.49	1.75	-3.49	0.68
MRBLD1TOR51_SIN		0.00	-37.74	-56.64	177.74	25.78	2.23	-4.15	31.76	7.57	9.89	-3.12	2.32	4.09	1.37	2.17	-0.81
MRBLD1TOR71_COS		-239.37	41.31	-4.28	179.67	-57.48	-11.98	11.45	0.45	1.85	1.07	4.55	0.68	2.34	1.61	-0.13	-0.05
MRBLD1TOR71_SIN		0.00	-40.83	-53.97	150.70	22.68	-1.18	-4.02	29.03	6.94	6.26	-1.35	4.31	5.18	2.38	2.69	0.98
MRBLD1TOR130_COS		-6.30	36.18	16.81	173.79	-45.26	-15.50	6.96	-5.12	1.48	-0.22	-1.61	3.41	1.00	-1.60	0.49	-2.06
MRBLD1TOR130_SIN		0.00	-34.16	-46.10	134.54	38.32	1.55	-1.40	25.04	6.24	8.71	2.58	2.69	0.40	0.22	-1.82	1.24
MRBLD1TOR164_COS		-206.14	24.93	67.20	106.63	-31.44	-12.65	-3.36	-4.53	-0.62	4.33	3.44	1.56	0.33	-0.43	-0.42	0.68
MRBLD1TOR164_SIN		0.00	-12.94	-17.52	64.03	5.35	8.55	4.87	13.71	0.42	-2.11	3.36	2.87	0.24	0.88	-5.99	-0.65
MRFBM1CB26P5_COS		-4779.78	-687.88	-49.75	76.53	-1.24	-8.54	1.34	-10.18	4.15	-1.80	-8.82	2.96	2.09	-0.62	-0.95	4.15
MRFBM1CB26P5_SIN		0.00	-119.91	-40.66	9.65	-23.41	-9.67	4.09	-1.05	-4.00	1.53	-2.84	-1.12	-1.38	0.13	-2.30	-0.60
MRFBM1FB9_COS		347.18	20.06	181.80	-24.97	-0.03	-5.75	-0.02	12.49	-1.70	-0.37	-0.84	-1.85	-1.05	-0.38	0.46	-0.93
MRFBM1FB9_SIN		0.00	-23.25	118.68	-65.24	15.47	-10.18	-6.38	0.72	-1.05	-2.58	0.53	0.53	0.18	0.36	1.82	0.42
MRFBM1TOR26P5_COS		-364.15	96.45	-0.11	1.21	-1.15	0.11	-0.02	0.23	-0.09	-0.03	0.01	-0.12	-0.03	0.02	-0.07	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.44	-0.57	1.33	0.36	0.00	-0.05	0.14	0.17	0.11	-0.01	-0.10	0.06	-0.02	0.19	-0.05

RUN	POINT	Harmonics															
52	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1194.14	-1493.55	-105.77	198.21	13.72	-8.53	-5.68	-89.10	26.25	14.48	-29.07	10.52	1.99	-4.17	-24.34	7.17
MRPC1CB33P25_SIN		0.00	-113.12	-133.05	64.06	-29.69	18.63	25.25	23.08	-1.38	25.06	-21.81	-20.02	-14.07	-8.48	-21.68	-13.50
MRPC1FB33P25_COS		2288.38	96.92	-343.62	124.10	5.60	79.38	23.26	-197.13	21.24	13.90	-3.69	50.35	22.49	1.72	-40.25	25.56
MRPC1FB33P25_SIN		0.00	106.82	-194.30	186.23	-146.06	62.96	68.69	37.99	-9.10	43.50	-4.91	-18.57	-14.69	-5.51	-44.10	-23.13
MRPC1TOR25P5_COS		-803.45	-19.62	-9.70	-227.94	71.61	4.38	-21.11	-2.34	-5.49	-2.99	-7.51	2.07	-3.84	-3.78	1.41	0.69
MRPC1TOR25P5_SIN		0.00	101.64	17.18	-176.06	-21.79	5.03	4.87	-32.87	-9.64	-8.92	2.28	-2.43	-6.81	-1.90	-12.94	-0.29
MRPLK1LOAD_COS		-90.88	11.77	-0.87	-28.08	9.40	0.58	-2.58	0.05	-0.71	0.12	-0.92	0.62	-0.49	-0.50	0.95	-0.21
MRPLK1LOAD_SIN		0.00	-13.57	5.52	-23.77	-2.89	0.56	0.70	-4.60	-1.42	-1.65	0.66	-0.15	-0.77	-0.32	-2.17	0.15
PITCHRH_COS		9551.70	-8828.27	-312.53	-98.12	-65.51	-272.99	-70.70	-18.26	-24.30	88.02	96.30	-57.75	15.24	-32.46	41.48	-138.21
PITCHRH_SIN		0.00	3189.87	-554.51	0.52	125.15	-1038.82	252.49	56.04	-4.52	10.32	-161.21	-16.78	-14.32	-46.86	5.04	-127.24
ROLLRH_COS		1237.21	-2709.89	461.34	-80.13	-44.72	1306.38	-115.97	-12.48	125.38	-49.33	5.05	-7.24	41.86	-78.06	62.94	-44.42
ROLLRH_SIN		0.00	-8696.88	-616.42	-95.17	232.15	220.83	-38.11	74.87	-45.12	22.88	-66.32	-27.13	18.19	-6.90	-28.24	-293.43
TORQ_COS		30122.02	472.91	-4.94	-15.59	-93.58	122.15	-5.68	4.81	-7.05	-1.06	49.78	-2.30	2.51	-2.42	-8.47	-2.41
TORQ_SIN		0.00	467.55	-8.90	-6.56	-6.97	46.64	-0.57	15.32	4.66	-1.16	0.14	9.31	-5.67	5.72	-9.73	32.41
THRUST_COS		5875.78	-64.89	11.31	-12.60	11.37	-45.19	1.85	7.83	0.13	2.75	15.51	3.71	-0.49	0.92	0.92	-10.55
THRUST_SIN		0.00	-19.63	1.54	16.57	11.19	-27.34	1.41	9.08	1.82	1.11	5.65	2.10	-0.21	1.19	2.32	23.94

RUN	POINT	Harmonics															
52	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.33	2.28	-12.70	-2.28	-50.97	-96.50	8.37	0.90	-3.60	2.03	-2.94	0.04	-1.94	2.21	-1.81	2.09
SIDERH_SIN		0.00	216.10	12.35	-3.15	-56.29	36.87	4.30	-3.03	2.69	-1.63	1.34	1.95	-0.82	0.31	0.60	8.38
DRAGRH_COS		-233.80	234.13	8.70	4.16	-9.62	89.50	0.15	-5.68	3.29	-6.24	-4.92	4.01	-1.07	2.59	-1.48	5.35
DRAGRH_SIN		0.00	-71.19	19.39	-0.76	12.18	-53.46	-28.01	2.86	0.04	-0.20	23.53	0.34	3.20	1.98	-0.98	7.01

RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-1.48	0.00	0.00	0.00	0.03	-0.01	0.07	0.00	0.00	0.01	-0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.07	0.00	0.00	0.00	-0.01	0.01	-0.02	-0.01	0.01	0.01	0.01	-0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.14	1.60	1.33	-8.20	-2.13	-0.30	0.28	0.71	-0.53	1.68	0.05	0.19	0.15	-0.31	-0.05	0.23
ACT1FORCE_SIN		0.00	10.40	3.49	-6.70	-1.86	0.18	-0.14	-0.26	0.20	-0.09	-0.19	0.36	0.53	0.02	-0.10	0.50
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.10	-0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		346.16	-16.77	-17.64	-245.74	18.83	4.15	-3.68	-0.02	0.00	-0.03	0.03	-0.06	-0.04	-0.06	0.01	-0.07
FA1IBVOLTAGE_SIN		0.00	-67.23	-21.26	104.96	11.09	-5.18	3.53	-0.05	0.10	0.34	-0.01	0.07	0.10	-0.09	0.00	0.13
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.79	16.85	17.62	246.04	-18.70	-4.10	3.28	-0.02	0.03	-0.04	-0.04	0.05	0.02	0.08	-0.02	0.06
FA1OBVOLTAGE_SIN		0.00	67.32	21.30	-106.05	-11.13	5.10	-4.10	0.15	-0.09	-0.33	0.02	-0.06	-0.06	0.07	-0.01	-0.11
MRBLD1CB42P75_COS		-4025.11	-1590.72	-42.30	180.19	42.33	-18.73	-36.90	-147.06	49.80	30.89	-31.14	6.56	-9.96	-5.86	-18.87	8.03
MRBLD1CB42P75_SIN		0.00	-198.75	-174.53	130.47	2.32	13.11	26.97	0.45	2.28	18.34	-43.11	-4.55	-7.52	-15.26	-28.44	-9.47

RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2773.13	-829.59	309.43	118.63	113.10	15.85	-47.67	-112.63	26.99	26.49	8.28	6.90	-6.65	1.00	-12.58	-0.59
MRBLD1CB70_SIN		0.00	-122.87	-130.56	115.59	107.08	29.48	-9.91	9.80	9.68	14.31	-30.68	-2.25	-3.13	-5.99	-17.60	-8.20
MRBLD1CB120_COS		-553.98	-244.24	451.25	116.08	112.35	84.04	16.73	-48.74	-28.73	0.90	29.76	8.59	4.97	1.68	5.33	4.77
MRBLD1CB120_SIN		0.00	7.74	-144.07	33.65	75.15	33.06	-38.66	8.94	-10.67	2.80	35.58	4.82	3.53	7.40	4.05	0.23
MRBLD1CB164_COS		-1984.26	-75.54	145.14	-39.65	19.76	28.69	15.24	30.37	-29.13	-1.56	5.66	8.04	9.93	-2.76	0.76	-5.23
MRBLD1CB164_SIN		0.00	39.28	-43.05	13.67	20.77	25.95	-25.07	4.54	-12.87	-4.41	32.41	7.81	4.73	2.48	10.37	9.05
MRBLD1FB42P75_COS		3086.60	150.57	-486.34	263.39	-119.81	98.33	57.53	-292.27	12.50	72.17	-1.13	35.22	4.33	-4.75	-43.26	13.26
MRBLD1FB42P75_SIN		0.00	-6.85	-151.35	269.64	-240.31	30.48	46.79	134.01	-44.65	-26.86	2.14	-26.36	-10.12	-15.31	-10.11	-35.57
MRBLD1FB70_COS		397.59	-85.14	-251.58	37.28	-49.68	22.81	15.93	-47.85	4.81	4.31	-3.40	-4.12	-1.77	0.00	8.76	-3.16
MRBLD1FB70_SIN		0.00	-144.99	-53.20	86.34	-87.95	3.27	12.19	25.32	-4.45	1.91	3.16	2.39	1.04	1.86	2.83	8.09
MRBLD1FB87_COS		-88.36	-44.88	-197.97	-22.13	-41.68	-7.11	-4.25	24.73	0.26	-9.37	8.00	-2.97	1.36	1.40	9.36	-3.29
MRBLD1FB87_SIN		0.00	-132.86	0.19	81.02	-30.59	1.25	-1.10	-13.71	1.27	3.95	0.94	6.41	3.13	4.72	4.29	8.39
MRBLD1FB120_COS		-465.63	-38.66	-274.50	-66.61	-10.63	-17.04	-11.58	71.97	-5.46	-3.85	-2.95	0.69	0.17	2.91	-12.49	5.20
MRBLD1FB120_SIN		0.00	-157.37	28.77	134.26	30.21	11.13	-6.07	-31.46	10.94	-0.95	-9.18	-6.01	-3.54	-8.00	-7.10	-11.76
MRBLD1FB164_COS		-113.04	-10.00	-404.13	224.66	102.77	19.40	46.98	-98.94	8.24	3.80	2.74	3.83	9.66	1.99	5.30	-0.02
MRBLD1FB164_SIN		0.00	-191.28	-51.03	128.35	158.17	-42.45	-15.17	26.91	-12.72	14.15	10.63	6.65	-0.16	1.00	5.26	11.10

RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.57	-9.23	-246.91	212.83	97.79	10.19	29.99	-88.55	-1.11	-14.44	19.04	-0.80	7.46	5.23	-8.95	11.66
MRBLD1FB180_SIN		0.00	-127.92	-53.06	39.25	100.49	-42.96	-10.71	26.06	-22.31	2.34	-4.06	2.26	-7.80	-5.38	-5.60	-11.80
MRBLD1TOR51_COS		-1384.97	32.32	-21.36	262.49	-43.03	-12.54	7.89	-29.22	2.61	7.83	5.96	5.52	6.19	-0.02	-2.60	3.20
MRBLD1TOR51_SIN		0.00	-38.20	-66.45	90.83	49.40	2.46	-9.62	27.38	7.55	-5.24	-4.22	-0.02	2.89	1.87	-2.09	2.14
MRBLD1TOR71_COS		-243.18	42.26	-28.04	233.52	-39.63	-13.71	7.15	-14.30	-1.40	2.48	5.04	3.62	5.07	0.04	-0.22	2.46
MRBLD1TOR71_SIN		0.00	-40.97	-62.29	63.83	47.62	0.00	-8.63	27.60	7.82	-5.35	-2.39	-0.08	3.59	2.87	-0.29	3.32
MRBLD1TOR130_COS		-10.01	37.31	-5.66	223.25	-25.00	-16.24	3.11	-17.89	0.42	2.03	-0.62	2.53	0.18	-0.92	-0.67	-1.74
MRBLD1TOR130_SIN		0.00	-33.57	-54.72	42.35	63.25	3.35	-4.79	22.23	5.90	1.99	2.30	1.20	0.13	0.18	-0.05	-0.07
MRBLD1TOR164_COS		-206.67	25.04	55.36	136.61	-20.61	-13.44	-6.17	-8.60	-1.32	-1.07	3.48	-1.04	-1.18	1.89	0.20	0.98
MRBLD1TOR164_SIN		0.00	-12.50	-25.13	-0.51	14.04	10.38	3.85	13.33	1.17	-0.34	3.60	0.55	-0.43	-0.13	-2.91	-2.42
MRFBM1CB26P5_COS		-4752.20	-694.62	-62.64	85.57	-5.78	-13.20	4.28	-13.05	6.10	1.09	-8.66	1.52	1.15	-0.42	0.05	4.75
MRFBM1CB26P5_SIN		0.00	-144.08	-47.92	11.66	-22.55	-8.62	7.78	-2.05	-4.02	0.74	-2.55	0.03	-0.66	-0.48	-2.37	0.56
MRFBM1FB9_COS		325.36	38.12	199.74	-30.38	4.48	-5.48	-1.47	16.74	-2.56	-2.57	-0.81	-1.31	-0.39	-0.58	-0.12	-0.95
MRFBM1FB9_SIN		0.00	-11.92	118.09	-95.70	26.25	-8.09	-5.85	6.00	0.07	-1.88	0.52	-0.45	0.03	0.47	1.51	-0.08
MRFBM1TOR26P5_COS		-364.20	96.41	-0.26	1.57	-0.78	0.15	-0.06	0.12	-0.10	0.10	-0.01	0.00	0.01	-0.02	-0.04	-0.03
MRFBM1TOR26P5_SIN		0.00	-68.36	-0.62	0.81	0.75	0.03	-0.04	0.08	0.20	-0.06	-0.03	0.01	0.07	-0.01	0.12	-0.02

RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1156.05	-1499.49	-140.91	223.80	-0.68	-13.76	-6.49	-127.37	37.19	28.35	-28.76	10.81	-3.86	-2.59	-13.94	13.00
MRPC1CB33P25_SIN		0.00	-156.87	-150.18	96.80	-54.43	12.21	32.79	1.01	-9.28	11.28	-22.17	-2.53	-4.08	-10.32	-22.90	-7.50
MRPC1FB33P25_COS		2265.68	102.39	-361.08	155.98	-38.11	68.17	28.19	-279.34	30.66	70.46	1.83	43.48	9.69	7.67	-18.31	38.71
MRPC1FB33P25_SIN		0.00	112.31	-184.50	275.47	-219.82	53.52	52.04	-11.93	-29.61	16.04	0.30	5.91	-2.60	-11.94	-44.86	-7.97
MRPC1TOR25P5_COS		-799.82	-19.34	17.43	-292.68	52.99	7.84	-17.88	17.04	-1.20	-8.13	-7.47	-3.91	-9.23	-0.62	1.56	0.56
MRPC1TOR25P5_SIN		0.00	101.08	27.24	-78.31	-52.45	4.43	11.77	-31.93	-10.55	8.20	2.85	0.39	-4.50	-3.57	-5.78	-2.45
MRPLK1LOAD_COS		-90.28	11.57	2.74	-36.48	7.04	0.94	-1.94	2.93	-0.24	-1.08	-0.97	-0.55	-1.20	-0.02	0.63	-0.01
MRPLK1LOAD_SIN		0.00	-13.63	6.76	-11.21	-6.73	0.48	1.58	-4.22	-1.48	0.98	0.77	-0.38	-0.54	-0.51	-0.84	-0.28
PITCHRH_COS		9314.77	-8894.68	-347.62	-89.13	-43.99	-824.60	-70.64	46.24	-45.11	93.66	361.69	-55.79	9.28	-63.65	69.44	-31.66
PITCHRH_SIN		0.00	2148.64	-579.18	0.00	94.38	-1154.74	145.74	41.15	-8.11	50.63	-94.04	18.61	-11.26	-18.37	8.35	-144.70
ROLLRH_COS		1023.57	-1671.44	436.21	-77.42	-38.04	1614.81	-51.02	37.04	103.37	-93.51	101.91	-2.03	34.17	-68.02	38.47	46.67
ROLLRH_SIN		0.00	-8713.84	-585.46	-84.51	177.64	-310.73	-143.99	119.87	-79.78	59.80	51.65	-41.38	2.25	55.43	-19.10	-192.16
TORQ_COS		30639.64	482.05	2.07	-24.09	-84.15	131.32	-5.96	0.39	-14.82	1.59	49.81	1.56	2.69	0.80	-7.32	-3.27
TORQ_SIN		0.00	488.36	-4.36	-5.13	14.93	58.77	-1.46	9.56	-2.32	-3.51	2.28	10.04	-8.94	7.23	-9.30	30.03
THRUST_COS		5807.69	-66.98	6.68	-7.29	11.14	-29.93	0.93	3.33	1.30	0.84	1.64	5.13	-1.47	3.09	0.98	-10.80
THRUST_SIN		0.00	-20.73	2.04	21.06	7.59	-24.46	2.22	2.68	2.44	-0.19	0.94	-1.40	0.03	-0.43	1.16	14.38

RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.33	-26.47	-12.16	-3.81	-42.55	-92.89	1.55	-0.32	-3.03	4.46	-5.33	-0.26	-1.76	1.91	-1.06	-0.55
SIDERH_SIN		0.00	208.79	11.52	-3.90	-46.58	95.15	7.14	-3.94	4.05	-2.73	-1.62	3.40	-0.12	-1.49	0.56	6.04
DRAGRH_COS		-236.75	234.55	8.65	3.65	-9.08	62.54	7.51	-4.46	4.19	-5.89	-7.52	6.78	-0.17	3.02	-3.36	2.02
DRAGRH_SIN		0.00	-43.50	17.71	-1.55	8.54	-100.18	-27.19	3.09	-1.80	-2.12	15.95	-1.47	2.88	0.00	-0.88	7.54

RUN	POINT	Harmonics															
52	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	-1.25	0.00	0.00	0.00	0.04	-0.01	-0.02	0.01	0.01	0.00	-0.01	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.79	0.00	0.00	0.00	-0.01	0.01	-0.09	0.01	0.01	0.01	0.01	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.35	1.49	2.59	-11.28	-2.91	-0.11	0.25	0.74	-0.34	0.19	0.27	0.21	0.15	-0.37	-0.16	0.10
ACT1FORCE_SIN		0.00	10.54	3.23	-3.73	-1.87	-0.02	-0.19	-0.13	0.48	-2.17	0.20	0.09	0.22	0.47	0.14	-0.44
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.07	0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.07	-15.85	-23.07	-152.75	23.38	1.38	-0.98	0.00	0.03	0.38	0.03	0.05	0.03	-0.01	-0.04	0.09
FA1IBVOLTAGE_SIN		0.00	-67.12	-17.31	225.66	9.63	-4.30	4.28	0.01	0.13	-0.01	-0.07	0.09	0.02	-0.07	-0.05	0.00
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.89	15.92	23.05	152.42	-23.33	-1.42	0.28	0.04	0.00	-0.36	-0.02	-0.04	0.02	0.00	0.03	-0.08
FA1OBVOLTAGE_SIN		0.00	67.19	17.39	-226.73	-9.75	4.18	-4.16	0.13	-0.14	0.06	0.09	-0.08	-0.04	0.06	0.04	0.00
MRBLD1CB42P75_COS		-4051.60	-1458.66	-79.95	218.39	15.76	-36.21	-32.46	-190.52	66.46	14.97	10.09	4.34	-0.27	-6.35	-15.18	0.31
MRBLD1CB42P75_SIN		0.00	-108.37	-167.90	145.38	-11.62	-15.28	37.44	0.69	-16.44	19.38	-22.93	-7.26	-5.35	-19.65	-38.03	-20.15

RUN	POINT	Harmonics															
52	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2761.77	-745.64	286.84	146.33	79.43	-6.01	-70.28	-150.63	33.53	10.83	38.48	4.59	0.53	-0.21	-11.13	-10.82
MRBLD1CB70_SIN		0.00	-52.10	-134.33	136.40	84.31	-17.04	6.28	8.96	-1.01	21.03	-21.63	-6.80	-2.26	-9.92	-24.62	-16.02
MRBLD1CB120_COS		-551.74	-213.46	444.76	134.14	68.81	69.24	-25.88	-64.25	-39.26	-0.98	8.74	4.96	0.20	0.74	3.85	4.46
MRBLD1CB120_SIN		0.00	46.68	-153.22	39.37	66.02	-8.86	-40.70	11.32	-3.97	-14.30	28.02	4.25	3.23	7.67	6.63	-2.14
MRBLD1CB164_COS		-1984.14	-68.55	148.73	-33.42	-6.27	27.29	-5.40	38.16	-36.56	4.48	-16.80	6.24	5.22	-2.61	-1.92	0.14
MRBLD1CB164_SIN		0.00	48.97	-48.71	34.29	15.06	7.26	-28.22	6.07	-4.04	-22.92	26.59	9.13	1.72	5.82	12.27	14.07
MRBLD1FB42P75_COS		3097.51	112.10	-502.20	331.25	-214.14	90.61	54.71	-347.82	14.31	25.92	30.72	38.27	12.55	-16.23	-50.27	-16.56
MRBLD1FB42P75_SIN		0.00	-29.42	-133.04	282.06	-182.71	54.32	20.33	173.12	-65.92	-66.55	12.81	-22.01	-9.35	-16.81	-19.06	-37.67
MRBLD1FB70_COS		395.68	-83.33	-259.51	61.22	-79.88	19.91	16.74	-59.12	4.56	0.74	-2.08	-4.46	-2.20	1.93	9.63	3.42
MRBLD1FB70_SIN		0.00	-149.23	-43.21	93.86	-75.27	5.28	7.51	34.55	-6.84	0.42	2.15	1.95	1.27	2.56	5.15	8.65
MRBLD1FB87_COS		-90.87	-42.97	-201.76	-8.64	-56.30	-8.50	-3.11	30.69	0.39	0.14	-1.11	-4.69	-1.25	3.43	10.39	2.18
MRBLD1FB87_SIN		0.00	-138.67	8.43	90.16	-26.70	0.02	-1.29	-16.42	4.74	11.00	0.10	6.41	4.01	5.37	5.73	8.23
MRBLD1FB120_COS		-468.67	-34.43	-279.61	-50.76	-15.92	-14.68	-11.67	85.74	-4.79	-0.73	-0.62	4.02	2.70	-1.56	-14.00	-1.85
MRBLD1FB120_SIN		0.00	-165.97	37.17	156.88	29.30	9.79	-1.54	-43.70	16.14	0.77	-8.68	-6.84	-4.54	-9.06	-9.45	-11.50
MRBLD1FB164_COS		-114.66	-3.70	-437.80	213.75	156.30	29.98	43.90	-116.75	6.17	6.01	-2.10	0.10	7.73	4.68	5.44	1.66
MRBLD1FB164_SIN		0.00	-208.47	-19.84	56.86	152.89	-43.15	-24.63	46.13	-21.72	11.46	13.23	6.82	-0.41	2.11	6.73	10.92

RUN	POINT	Harmonics															
52	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.41	-4.58	-270.40	193.75	138.96	15.03	29.55	-102.75	-0.24	3.90	2.16	-3.22	2.32	1.75	-12.45	-0.31
MRBLD1FB180_SIN		0.00	-141.08	-32.48	-30.70	94.85	-43.01	-22.64	41.39	-27.19	8.25	-5.75	-2.24	-10.05	-6.68	-8.17	-13.01
MRBLD1TOR51_COS		-1386.36	35.44	-48.70	267.04	-13.83	-14.00	4.82	-42.87	7.28	-5.31	5.11	4.18	5.27	0.44	-4.09	1.84
MRBLD1TOR51_SIN		0.00	-34.77	-62.67	-18.64	65.99	4.54	-12.77	29.24	9.75	-10.31	-6.24	-2.47	0.49	2.90	-3.38	-3.38
MRBLD1TOR71_COS		-244.50	43.82	-52.05	234.89	-8.47	-14.01	4.32	-23.62	1.81	-7.87	2.56	1.56	4.23	0.70	-1.01	1.76
MRBLD1TOR71_SIN		0.00	-39.58	-59.19	-40.49	62.30	2.56	-10.96	29.05	10.62	-7.81	-5.27	-2.38	1.52	4.07	-0.87	-1.10
MRBLD1TOR130_COS		-11.08	39.60	-28.61	217.63	8.03	-15.49	0.49	-26.60	2.83	-4.88	-0.78	-0.15	-0.39	-0.78	0.69	-2.60
MRBLD1TOR130_SIN		0.00	-31.33	-51.37	-61.05	72.27	4.98	-6.24	23.37	6.93	-0.80	2.60	0.71	0.69	-0.60	0.46	1.09
MRBLD1TOR164_COS		-207.73	26.08	44.41	129.87	-6.82	-14.45	-7.07	-11.48	-0.95	-0.05	1.49	-2.18	-1.42	1.48	2.00	-1.18
MRBLD1TOR164_SIN		0.00	-9.58	-25.50	-68.97	17.54	10.84	2.51	13.15	2.52	4.73	2.33	1.66	0.86	-1.99	-2.11	0.01
MRFBM1CB26P5_COS		-4768.03	-630.94	-77.53	93.52	-2.37	-12.55	11.19	-14.55	9.69	0.93	-7.55	1.52	1.24	-0.32	0.51	4.99
MRFBM1CB26P5_SIN		0.00	-99.71	-44.40	6.96	-20.00	-7.03	6.05	-1.62	-6.72	-1.79	0.28	0.77	-0.50	-0.71	-2.82	-1.02
MRFBM1FB9_COS		330.13	-16.93	220.75	-46.18	17.97	-3.60	-2.88	21.00	-3.29	-2.36	-1.48	-1.27	-0.50	-0.65	-0.43	-0.93
MRFBM1FB9_SIN		0.00	-15.74	108.97	-107.46	24.08	-8.59	-3.79	6.38	0.52	-0.10	-1.13	-0.49	-0.32	0.72	1.86	0.88
MRFBM1TOR26P5_COS		-364.24	96.06	-0.43	1.59	-0.25	0.18	-0.10	0.03	-0.07	-0.03	0.02	0.11	-0.01	-0.03	-0.08	0.00
MRFBM1TOR26P5_SIN		0.00	-68.60	-0.66	0.09	0.89	0.04	-0.10	0.05	0.23	-0.16	-0.06	0.01	0.05	0.01	0.10	0.00

RUN	POINT	Harmonics															
52	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1172.01	-1380.36	-177.41	258.16	-22.34	-24.70	3.01	-160.25	50.76	17.08	-0.96	9.53	2.94	-3.61	-10.96	6.06
MRPC1CB33P25_SIN		0.00	-83.84	-139.01	97.54	-55.76	1.01	31.87	3.57	-24.08	2.98	-5.55	-2.50	-2.01	-14.54	-30.34	-18.71
MRPC1FB33P25_COS		2272.84	68.07	-373.50	208.50	-130.97	54.76	34.12	-338.46	42.10	56.04	19.66	41.82	15.17	1.62	-14.21	22.06
MRPC1FB33P25_SIN		0.00	90.67	-172.57	302.14	-196.00	67.98	31.88	-4.31	-45.59	-35.49	27.07	11.71	3.29	-21.93	-55.69	-36.30
MRPC1TOR25P5_COS		-798.09	-28.22	50.09	-296.79	16.34	8.69	-13.67	28.11	-5.42	6.22	-4.32	-5.24	-6.87	-1.53	6.04	-0.85
MRPC1TOR25P5_SIN		0.00	95.64	21.79	41.97	-71.91	-0.38	16.21	-34.52	-14.24	12.90	7.08	2.89	-0.80	-6.32	-4.94	-0.59
MRPLK1LOAD_COS		-90.25	11.38	6.49	-36.99	2.41	1.08	-1.43	4.81	-0.92	1.08	-0.84	-1.06	-0.89	-0.02	1.49	-0.26
MRPLK1LOAD_SIN		0.00	-13.95	6.04	4.44	-9.53	-0.01	2.08	-4.52	-1.81	2.06	1.34	-0.14	-0.04	-0.88	-0.67	-0.17
PITCHRH_COS		10203.84	-8879.20	-461.74	-86.48	-35.24	-1144.21	-96.68	40.98	-24.23	152.51	465.45	-20.54	-9.29	7.44	37.21	-111.78
PITCHRH_SIN		0.00	2596.33	-610.20	25.89	86.21	-727.32	159.10	-21.19	-3.14	18.54	-277.22	18.88	0.82	-8.34	-34.69	-191.96
ROLLRH_COS		1015.89	-2102.48	457.45	-88.99	-31.17	1126.68	-84.46	54.39	96.11	-16.65	204.26	-9.02	10.44	-24.38	37.57	88.50
ROLLRH_SIN		0.00	-8686.03	-592.99	-81.37	127.97	-915.02	-170.90	75.49	-20.73	111.29	1.83	-19.74	1.90	18.51	6.12	-217.58
TORQ_COS		30264.72	487.55	10.66	-32.66	-88.60	151.76	-10.09	-0.87	-32.31	1.13	46.80	-0.18	1.66	-1.47	-7.44	-10.70
TORQ_SIN		0.00	512.49	-6.59	1.81	41.25	85.56	1.14	15.41	10.12	-8.88	-4.03	6.24	-10.14	5.95	-11.20	42.83
THRUST_COS		5827.35	-67.37	2.84	-0.77	9.88	-20.29	0.80	0.40	1.63	-2.96	-15.85	3.21	0.92	-0.47	1.51	-4.98
THRUST_SIN		0.00	-23.00	3.82	24.07	3.78	-35.96	1.70	7.34	2.97	2.27	2.67	-2.79	-0.02	-0.30	0.25	23.91

RUN	POINT	Harmonics															
52	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.42	-15.61	-12.64	-4.88	-33.31	-28.51	3.58	-1.24	-2.30	0.51	-7.17	0.42	-0.76	0.74	-1.04	-1.80
SIDERH_SIN		0.00	208.77	11.86	-2.66	-44.40	112.26	9.59	-2.74	2.56	-5.09	-1.30	2.40	-0.30	-0.38	-0.38	6.79
DRAGRH_COS		-228.38	234.17	10.82	3.07	-11.45	13.19	2.58	-2.12	3.33	-8.99	-14.21	4.70	0.01	0.30	-1.65	5.08
DRAGRH_SIN		0.00	-55.39	18.05	-2.60	7.49	-83.82	-32.83	3.95	0.20	-1.93	17.21	-2.00	1.55	1.16	1.10	8.71

RUN	POINT	Harmonics															
52	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.68	0.00	0.00	0.00	0.04	-0.01	-0.10	0.01	0.01	0.00	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	1.31	0.00	0.00	0.00	-0.02	0.02	0.01	0.00	0.01	0.02	0.02	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.48	1.68	3.45	-13.23	-4.00	0.08	0.59	1.20	-0.34	-2.50	0.01	0.16	0.04	0.13	-0.17	-0.50
ACT1FORCE_SIN		0.00	10.61	2.67	1.32	-1.83	-0.51	-0.28	0.05	0.58	-0.29	-0.21	0.49	0.47	0.49	0.02	0.45
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.02	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		337.52	-17.49	-24.70	-2.81	30.14	-4.65	-2.07	0.10	0.03	0.03	-0.04	0.05	-0.11	-0.08	0.00	-0.03
FA1IBVOLTAGE_SIN		0.00	-65.17	-15.81	277.21	9.78	1.35	5.53	0.08	0.02	-0.46	-0.02	0.03	0.01	-0.01	-0.08	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		468.40	17.57	24.75	1.92	-30.26	4.52	1.85	0.06	-0.04	-0.02	0.08	-0.04	0.07	0.07	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	65.25	15.93	-277.92	-9.92	-1.47	-4.87	0.02	-0.02	0.46	0.01	-0.03	-0.04	0.01	0.07	-0.01
MRBLD1CB42P75_COS		-4001.69	-1340.88	-126.73	257.08	-13.44	-61.06	-32.09	-220.31	83.80	8.73	10.22	-12.58	1.15	-10.07	-33.50	-7.03
MRBLD1CB42P75_SIN		0.00	-164.14	-139.97	152.28	-9.86	-32.16	36.64	14.20	-35.51	39.60	-26.48	-24.86	-10.70	-22.25	-35.10	-28.20

RUN	POINT	Harmonics															
52	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2788.82	-673.49	241.27	174.03	50.04	-35.65	-82.85	-177.88	46.38	10.73	36.04	-7.00	-0.46	-3.15	-24.33	-19.14
MRBLD1CB70_SIN		0.00	-82.61	-130.77	150.49	79.06	-28.48	18.60	27.91	-12.24	37.75	-22.30	-16.35	-5.41	-10.40	-23.41	-18.30
MRBLD1CB120_COS		-540.94	-190.64	406.36	145.56	35.02	41.60	-62.68	-78.68	-42.54	-7.43	10.54	11.76	-0.61	1.90	4.62	3.87
MRBLD1CB120_SIN		0.00	36.05	-158.48	50.41	77.43	-16.96	-25.49	20.70	7.06	-8.40	25.78	15.22	3.27	7.97	5.26	-2.69
MRBLD1CB164_COS		-1978.86	-64.27	141.14	-17.52	-28.06	21.16	-18.81	42.12	-42.78	-2.62	-12.51	12.47	5.13	1.42	7.66	5.54
MRBLD1CB164_SIN		0.00	44.76	-53.15	58.64	23.70	4.70	-20.05	4.80	5.64	-23.83	25.53	15.41	2.91	6.06	13.79	16.23
MRBLD1FB42P75_COS		3079.25	84.34	-504.79	428.10	-279.77	46.61	12.80	-391.42	18.88	10.11	25.12	22.19	4.53	-27.46	-69.25	-44.04
MRBLD1FB42P75_SIN		0.00	-7.56	-88.20	309.08	-78.37	22.52	12.35	202.33	-83.49	-15.93	-7.83	-25.50	-19.36	-11.57	19.68	-33.03
MRBLD1FB70_COS		395.56	-82.65	-259.01	98.05	-100.67	8.48	9.47	-66.78	5.68	0.77	-2.88	-4.69	-1.71	3.67	14.23	8.74
MRBLD1FB70_SIN		0.00	-148.96	-21.51	108.50	-45.70	-3.62	5.95	42.57	-8.70	4.69	2.02	2.28	2.15	1.66	-2.37	7.37
MRBLD1FB87_COS		-91.05	-42.39	-197.36	14.38	-67.21	-11.48	-0.11	36.08	-0.07	3.43	-0.29	-0.21	1.08	6.31	14.79	8.05
MRBLD1FB87_SIN		0.00	-140.21	22.39	103.36	-15.52	-4.15	-3.48	-19.73	6.62	0.28	3.87	6.85	5.87	4.13	-2.87	7.48
MRBLD1FB120_COS		-470.41	-34.29	-269.63	-17.33	-16.59	-7.49	-3.08	93.71	-6.36	-0.94	0.23	0.53	0.22	-6.27	-20.36	-9.89
MRBLD1FB120_SIN		0.00	-168.80	47.74	173.96	26.36	13.48	-2.37	-53.26	17.80	-5.13	-9.72	-8.16	-6.74	-6.80	2.93	-11.29
MRBLD1FB164_COS		-121.09	1.65	-446.92	172.49	200.16	43.86	27.80	-132.33	8.03	9.74	2.48	3.15	7.66	6.41	8.54	6.53
MRBLD1FB164_SIN		0.00	-215.86	28.32	2.16	113.64	-34.38	-17.64	56.12	-21.31	12.91	17.30	8.89	0.59	1.88	1.99	11.47

RUN	POINT	Harmonics															
52	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-177.80	-0.31	-279.54	140.49	171.41	21.98	11.43	-114.98	5.93	15.79	11.79	5.48	0.66	-0.80	-21.16	-11.98
MRBLD1FB180_SIN		0.00	-150.03	0.51	-82.26	65.99	-37.03	-23.34	45.95	-28.03	-7.60	1.10	-0.11	-8.80	-5.34	4.98	-11.77
MRBLD1TOR51_COS		-1388.88	35.60	-74.54	214.24	13.39	-20.27	0.50	-55.54	15.18	-8.84	1.61	4.52	3.92	1.24	-8.62	-2.28
MRBLD1TOR51_SIN		0.00	-32.20	-42.41	-111.55	62.79	3.93	-8.96	32.87	7.15	6.99	-4.79	0.14	1.12	1.96	-3.43	-5.63
MRBLD1TOR71_COS		-244.93	43.14	-74.42	181.73	20.42	-17.90	1.70	-32.72	8.29	-8.87	-0.67	1.72	3.09	1.66	-3.61	-1.17
MRBLD1TOR71_SIN		0.00	-36.50	-41.21	-129.31	56.94	3.89	-6.73	31.71	9.24	5.98	-2.97	1.57	2.48	3.39	-1.82	-1.96
MRBLD1TOR130_COS		-10.67	40.84	-49.80	159.05	37.70	-17.18	-1.29	-35.01	7.05	-5.56	-1.08	-1.49	-0.07	-0.52	2.42	-1.00
MRBLD1TOR130_SIN		0.00	-28.04	-35.14	-148.92	61.41	7.48	-2.43	26.08	5.44	7.75	1.77	1.42	0.59	-0.64	-0.03	3.76
MRBLD1TOR164_COS		-206.57	26.80	31.67	87.45	4.80	-17.53	-7.11	-13.83	1.46	6.29	2.11	-1.75	-0.19	0.21	1.42	1.64
MRBLD1TOR164_SIN		0.00	-7.59	-20.46	-126.61	13.27	8.57	2.12	14.92	1.69	3.13	3.47	1.81	0.07	-1.85	-1.63	0.98
MRFBM1CB26P5_COS		-4741.71	-577.85	-93.79	97.96	-2.37	-13.15	13.77	-15.52	10.74	-1.49	-6.44	0.83	1.64	-0.87	-2.12	4.48
MRFBM1CB26P5_SIN		0.00	-122.38	-32.68	-1.85	-20.29	-8.75	2.76	-3.40	-8.98	-0.44	-0.56	-0.03	-1.23	-1.27	-2.36	-2.79
MRFBM1FB9_COS		301.71	-34.12	237.60	-69.64	29.83	-1.57	-1.42	24.23	-4.22	-0.61	-1.89	-1.11	-0.69	-0.39	0.79	-0.75
MRFBM1FB9_SIN		0.00	9.96	80.35	-122.85	15.38	-3.69	-0.72	6.55	0.96	-0.91	-0.56	0.42	0.04	1.14	2.36	1.85
MRFBM1TOR26P5_COS		-364.58	95.56	-0.63	1.24	0.24	0.16	-0.11	-0.06	-0.03	-0.19	-0.04	0.18	-0.02	-0.01	-0.07	-0.02
MRFBM1TOR26P5_SIN		0.00	-68.45	-0.56	-0.56	0.73	0.04	-0.05	0.07	0.24	0.00	-0.05	-0.06	0.06	0.02	0.15	-0.05

RUN	POINT	Harmonics															
52	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1106.80	-1271.01	-217.30	288.19	-47.56	-42.85	1.68	-182.73	62.79	7.55	2.11	-1.78	4.42	-7.52	-29.02	-1.58
MRPC1CB33P25_SIN		0.00	-137.71	-104.46	92.17	-44.47	-14.02	25.35	11.28	-38.63	20.25	-11.42	-13.89	-7.73	-17.21	-26.92	-27.45
MRPC1FB33P25_COS		2250.90	40.56	-381.64	286.22	-209.77	28.32	4.02	-384.57	53.49	19.90	27.44	31.71	16.59	-9.01	-58.68	3.91
MRPC1FB33P25_SIN		0.00	109.55	-141.03	344.52	-126.34	29.50	11.21	2.04	-57.70	-6.07	10.06	-1.70	-9.83	-27.57	-49.88	-57.09
MRPC1TOR25P5_COS		-797.16	-31.75	76.87	-238.31	-17.72	13.31	-9.11	38.94	-13.11	11.02	0.16	-9.16	-4.76	-3.18	6.74	2.92
MRPC1TOR25P5_SIN		0.00	92.03	-3.03	145.87	-68.91	-1.85	11.54	-37.38	-12.86	-5.75	5.83	-0.20	-2.59	-5.69	-6.21	1.67
MRPLK1LOAD_COS		-90.23	11.23	9.77	-29.57	-2.07	1.84	-0.82	6.55	-1.96	2.23	-0.09	-1.80	-0.59	-0.24	1.81	0.27
MRPLK1LOAD_SIN		0.00	-14.29	3.08	17.78	-9.31	-0.07	1.43	-5.03	-1.45	-0.75	1.24	-0.15	-0.31	-0.87	-1.26	0.49
PITCHRH_COS		10558.17	-8605.09	-495.70	-60.73	-56.87	-1331.44	-71.97	30.23	-6.71	150.75	247.07	-25.04	-1.77	-41.39	16.60	-249.28
PITCHRH_SIN		0.00	2219.58	-546.46	35.59	55.32	-189.57	198.12	-78.01	-0.68	-13.30	-416.27	-32.49	-5.98	-27.09	-31.99	-157.69
ROLLRH_COS		578.53	-1781.05	415.67	-103.29	-55.26	465.30	-109.62	65.12	99.89	-22.40	125.87	21.38	41.70	-33.81	49.76	55.70
ROLLRH_SIN		0.00	-8472.44	-538.81	-50.20	106.12	-1170.02	-134.80	28.73	9.61	123.96	-69.08	-26.18	-20.67	61.37	-18.42	-326.72
TORQ_COS		30776.67	475.97	20.32	-30.55	-92.85	171.59	-9.64	-1.77	-35.96	-2.19	40.23	2.05	-0.81	-0.09	-10.28	-2.54
TORQ_SIN		0.00	495.42	-7.19	17.20	71.65	79.74	5.17	20.05	21.56	-9.50	-3.75	6.05	-5.38	7.11	-11.23	51.20
THRUST_COS		5750.11	-67.96	-0.76	9.44	10.96	-8.10	-0.17	-2.37	2.90	-2.07	-11.12	4.76	-1.88	1.97	-1.00	7.49
THRUST_SIN		0.00	-20.58	4.18	19.92	-0.45	-26.56	0.63	15.05	1.62	-0.65	19.55	-2.30	0.83	0.61	1.78	29.36

RUN	POINT	Harmonics															
52	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.49	-17.31	-11.61	-5.82	-28.68	30.26	5.57	-1.49	-2.48	0.58	-5.44	-1.15	-1.86	1.14	-1.58	-0.98
SIDERH_SIN		0.00	210.21	11.28	-1.36	-46.12	98.77	9.31	-1.03	2.10	-6.13	-0.97	2.56	0.70	-1.81	0.43	9.71
DRAGRH_COS		-224.54	229.06	10.03	1.58	-17.32	-11.19	-2.83	-0.48	1.09	-8.07	-11.52	5.29	1.41	2.20	-0.88	10.76
DRAGRH_SIN		0.00	-48.29	16.01	-3.57	8.70	-62.22	-34.29	3.79	0.91	0.50	23.83	0.23	1.51	0.59	1.17	6.77

RUN	POINT	Harmonics															
52	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.06	0.00	0.00	0.00	0.02	-0.02	0.00	0.01	0.00	0.01	0.00	-0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	0.00	-0.02	0.02	0.09	0.00	0.00	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.02	1.74	2.98	-12.42	-5.09	0.15	0.34	1.10	-0.34	-0.53	0.04	0.31	0.35	0.04	-0.43	0.30
ACT1FORCE_SIN		0.00	10.44	1.86	6.39	-0.86	-0.91	-0.54	-0.37	0.50	2.09	0.00	-0.11	0.45	0.25	0.28	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.55	-18.29	-22.49	146.82	36.62	-3.73	0.26	0.14	0.04	-0.39	-0.09	-0.06	-0.07	-0.07	-0.03	0.13
FA1IBVOLTAGE_SIN		0.00	-59.82	-11.41	248.42	1.65	8.57	5.03	-0.14	0.05	0.10	0.04	0.02	0.03	0.04	-0.06	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.09	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.38	18.38	22.58	-148.00	-36.84	3.56	0.26	0.07	-0.03	0.38	0.09	0.04	0.06	0.08	0.04	-0.11
FA1OBVOLTAGE_SIN		0.00	59.89	11.54	-248.56	-1.71	-8.60	-4.52	0.08	-0.01	-0.10	-0.06	-0.03	0.02	-0.04	0.06	0.02
MRBLD1CB42P75_COS		-4062.51	-1212.12	-112.91	307.96	-22.41	-78.85	-20.62	-201.74	67.91	28.74	-16.40	-7.39	11.14	-6.89	-45.70	-8.45
MRBLD1CB42P75_SIN		0.00	-63.58	-88.84	114.63	-9.60	-34.82	39.27	101.96	-52.35	54.28	-7.52	-23.34	-21.41	-22.79	-36.29	-34.58

RUN	POINT	Harmonics															
52	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2758.11	-588.44	239.93	227.41	50.99	-53.59	-87.00	-160.37	33.04	28.39	17.01	-2.10	2.96	-2.80	-33.02	-19.84
MRBLD1CB70_SIN		0.00	-21.41	-111.38	127.64	65.63	-24.77	28.88	97.16	-20.24	48.03	-20.53	-15.54	-12.51	-11.06	-25.04	-21.49
MRBLD1CB120_COS		-535.88	-160.42	395.96	181.18	34.15	30.05	-82.61	-64.35	-43.61	1.99	23.72	15.05	-5.68	0.07	6.75	7.14
MRBLD1CB120_SIN		0.00	59.03	-157.41	24.42	66.19	-12.88	-11.87	40.39	12.44	-3.01	15.77	14.04	6.02	6.29	3.91	-5.76
MRBLD1CB164_COS		-1978.21	-60.00	136.09	17.19	-39.47	18.80	-29.92	43.75	-38.04	-1.75	3.04	12.54	3.30	1.61	10.78	4.60
MRBLD1CB164_SIN		0.00	52.00	-54.91	56.07	25.26	10.53	-16.80	-15.70	12.23	-19.34	27.94	15.03	6.45	4.03	15.89	18.61
MRBLD1FB42P75_COS		3113.57	41.41	-470.87	522.02	-341.80	18.99	10.96	-288.80	-12.57	61.91	26.88	23.66	3.01	-28.40	-79.55	-56.01
MRBLD1FB42P75_SIN		0.00	-25.12	-50.13	193.09	-35.40	3.58	12.64	299.83	-85.74	-2.82	30.78	-39.77	-31.66	-11.71	32.89	-47.76
MRBLD1FB70_COS		397.07	-84.79	-245.89	136.81	-121.57	-0.05	9.50	-46.94	1.01	4.67	-3.12	-5.02	-1.13	3.68	17.10	11.86
MRBLD1FB70_SIN		0.00	-148.28	-4.64	70.77	-33.61	-8.52	4.71	62.31	-9.30	4.51	3.41	2.79	3.02	1.28	-5.59	10.90
MRBLD1FB87_COS		-93.74	-42.63	-188.04	40.99	-80.38	-14.46	-0.10	28.59	4.04	-6.90	0.43	-0.55	1.43	6.33	16.71	10.04
MRBLD1FB87_SIN		0.00	-141.01	33.06	86.16	-8.38	-4.99	-5.57	-28.49	7.97	-2.70	-4.70	10.44	9.04	4.54	-5.71	9.84
MRBLD1FB120_COS		-479.05	-30.81	-255.88	23.57	-18.85	-2.20	-7.59	65.97	-0.12	-4.81	-0.53	0.62	-0.10	-5.79	-23.38	-13.11
MRBLD1FB120_SIN		0.00	-170.18	58.29	163.10	33.66	16.44	-4.04	-79.91	18.88	-4.86	-9.19	-9.98	-7.95	-6.42	7.11	-15.63
MRBLD1FB164_COS		-115.46	8.04	-422.92	115.54	254.89	51.78	33.25	-100.18	-1.30	10.25	4.52	2.45	5.66	4.48	8.43	5.42
MRBLD1FB164_SIN		0.00	-230.17	67.21	-31.76	88.76	-36.78	-17.60	92.17	-20.26	11.08	11.12	11.97	2.73	0.36	-0.79	13.58

RUN	POINT	Harmonics															
52	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.65	2.17	-264.77	67.18	205.67	29.36	12.87	-84.69	5.07	3.50	13.43	4.89	-2.50	-3.17	-23.81	-12.49
MRBLD1FB180_SIN		0.00	-162.31	32.62	-98.57	44.60	-38.40	-21.97	81.05	-19.35	-8.60	-17.26	8.62	0.28	-4.11	11.24	-18.06
MRBLD1TOR51_COS		-1385.37	40.60	-77.44	130.44	37.91	-22.36	0.26	-43.95	12.85	8.41	3.62	2.68	2.41	0.16	-10.58	2.06
MRBLD1TOR51_SIN		0.00	-28.77	-16.01	-175.29	41.89	8.64	-3.24	60.27	1.13	11.83	-3.36	-0.20	1.23	0.16	-1.36	-6.51
MRBLD1TOR71_COS		-242.69	45.68	-78.74	98.00	45.16	-18.48	1.44	-24.07	7.41	4.51	2.62	1.04	1.50	0.93	-5.58	1.84
MRBLD1TOR71_SIN		0.00	-34.20	-17.55	-184.95	36.79	9.05	-1.56	50.33	4.84	8.09	-3.02	2.84	2.92	1.75	-0.50	-3.45
MRBLD1TOR130_COS		-9.33	43.96	-55.36	68.94	61.68	-16.57	-1.92	-27.28	5.27	3.07	-2.31	1.57	0.75	-0.76	1.20	-2.54
MRBLD1TOR130_SIN		0.00	-26.26	-13.29	-196.23	40.11	12.56	2.07	42.81	1.57	9.66	3.61	3.57	0.71	-0.77	-1.13	2.85
MRBLD1TOR164_COS		-206.81	29.51	24.24	23.53	10.80	-18.24	-8.06	-9.00	0.98	4.05	2.77	0.32	-0.37	0.35	0.47	-1.11
MRBLD1TOR164_SIN		0.00	-4.90	-11.08	-153.71	-1.69	8.49	2.73	21.31	1.44	-2.28	1.80	4.14	-0.04	-0.84	-3.05	-0.82
MRFBM1CB26P5_COS		-4780.29	-516.48	-85.79	96.16	-1.81	-13.79	18.04	-14.93	9.95	-0.08	-7.68	1.17	2.50	-0.68	-2.77	5.15
MRFBM1CB26P5_SIN		0.00	-71.00	-9.60	-14.57	-14.75	-10.47	1.03	2.26	-11.75	1.46	4.01	-0.49	-1.68	-1.28	-2.32	-4.27
MRFBM1FB9_COS		333.11	-101.34	220.98	-105.18	37.44	-0.12	-1.91	23.96	-3.35	-1.59	-0.55	-1.42	-1.24	-0.46	1.08	-1.14
MRFBM1FB9_SIN		0.00	1.34	46.87	-104.28	13.54	-1.48	-0.06	-2.35	1.98	-2.88	-1.14	0.50	0.17	1.08	2.54	2.11
MRFBM1TOR26P5_COS		-364.52	95.18	-0.71	0.70	0.69	0.15	-0.08	0.00	-0.03	-0.05	-0.04	-0.01	-0.05	-0.02	0.00	0.02
MRFBM1TOR26P5_SIN		0.00	-68.79	-0.56	-0.93	0.42	0.07	0.00	0.21	0.22	0.15	-0.04	-0.22	0.06	0.03	0.18	0.02

RUN	POINT	Harmonics															
52	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1155.48	-1158.37	-199.26	318.65	-58.48	-54.60	11.76	-164.11	48.95	24.94	-15.72	2.74	11.06	-5.75	-38.84	-0.80
MRPC1CB33P25_SIN		0.00	-53.64	-52.05	48.79	-34.78	-19.96	22.24	78.94	-53.53	33.82	7.31	-14.81	-15.75	-18.19	-28.11	-35.43
MRPC1FB33P25_COS		2280.79	3.18	-357.80	387.60	-271.12	12.29	1.25	-343.29	30.16	50.44	6.00	42.37	23.29	-9.14	-77.73	10.23
MRPC1FB33P25_SIN		0.00	89.88	-108.01	267.51	-104.77	6.53	11.37	118.29	-72.63	29.87	37.84	-10.15	-19.23	-27.92	-51.10	-76.70
MRPC1TOR25P5_COS		-797.93	-42.19	82.58	-142.64	-47.90	14.96	-7.84	27.53	-12.59	-7.42	-4.64	-2.10	-1.80	-1.30	3.54	-3.16
MRPC1TOR25P5_SIN		0.00	88.38	-33.17	212.76	-48.19	-7.61	4.99	-60.31	-7.49	-10.66	5.43	2.73	-4.08	-3.13	-9.96	-2.13
MRPLK1LOAD_COS		-90.77	10.96	10.16	-17.34	-6.09	2.07	-0.82	4.76	-1.67	-0.62	-0.54	-0.30	-0.19	0.02	1.17	-0.67
MRPLK1LOAD_SIN		0.00	-14.72	-0.48	26.64	-6.53	-0.87	0.63	-8.59	-0.63	-1.93	1.11	0.88	-0.45	-0.69	-1.92	-0.28
PITCHRH_COS		11624.17	-8589.76	-548.08	-67.82	-73.22	-1343.19	-45.13	-6.18	8.63	162.48	152.36	-39.93	20.00	-17.86	-6.64	-382.72
PITCHRH_SIN		0.00	2250.47	-505.77	55.43	34.59	277.95	221.09	-56.87	-17.85	-43.26	-246.83	-12.33	-38.40	-16.72	-22.55	-185.97
ROLLRH_COS		754.11	-1766.60	405.94	-93.23	-89.31	57.70	-116.99	102.28	99.46	0.51	49.09	-21.13	40.59	-8.24	17.89	-104.66
ROLLRH_SIN		0.00	-8472.73	-506.38	-29.26	96.45	-1465.19	-128.88	1.94	19.03	142.95	20.98	-45.18	-28.39	61.01	-23.18	-507.12
TORQ_COS		29973.76	482.55	18.67	-27.47	-87.65	191.48	-11.03	1.38	-38.62	-2.74	40.98	1.07	2.61	-1.19	-12.44	-4.40
TORQ_SIN		0.00	497.65	-16.05	17.80	69.98	72.26	6.49	8.83	29.58	-7.82	-20.71	6.15	-4.11	6.76	-13.77	54.82
THRUST_COS		5845.95	-67.80	-0.77	12.26	11.95	-0.40	-0.66	-2.38	4.17	-2.97	7.84	5.17	-1.28	0.64	-1.76	8.36
THRUST_SIN		0.00	-19.21	6.36	12.79	1.16	-24.77	1.28	12.62	0.36	-1.53	-4.69	-3.54	4.60	-1.74	1.73	38.26

RUN	POINT	Harmonics															
52	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.92	-18.22	-11.89	-5.71	-25.88	82.83	6.05	-1.75	-1.86	-1.29	-5.43	1.73	-1.89	0.28	-0.68	4.16
SIDERH_SIN		0.00	212.67	11.09	0.95	-47.46	97.24	10.24	-0.56	2.39	-7.01	-2.22	3.34	0.94	-1.87	0.43	15.38
DRAGRH_COS		-215.69	229.16	10.88	0.49	-18.66	-55.19	-9.21	-1.92	0.89	-8.08	-10.59	4.31	0.12	1.39	0.45	16.28
DRAGRH_SIN		0.00	-47.98	16.43	-4.10	9.39	-41.94	-33.39	2.59	3.55	0.74	26.07	-3.49	4.06	1.13	0.84	8.08

RUN	POINT	Harmonics															
52	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	-0.07	0.00	0.00	0.00	0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	-0.01	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.03	0.01	-0.08	0.00	0.00	0.01	0.01	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.65	1.93	-0.04	5.45	-1.42	-0.88	0.20	0.00	-0.09	-0.30	-0.30	0.10	0.05	0.08	-0.04	-0.67
ACT1FORCE_SIN		0.00	10.27	1.49	-0.99	1.27	0.07	-0.24	0.77	0.30	-1.98	-0.05	-0.14	0.23	0.33	0.11	0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.77	-16.06	-0.43	-98.35	9.82	8.50	-1.07	0.00	-0.12	0.29	-0.03	-0.10	-0.05	-0.06	-0.03	-0.06
FA1IBVOLTAGE_SIN		0.00	-60.19	-12.84	-288.11	-5.67	1.45	1.48	0.12	0.03	0.08	-0.05	-0.01	0.00	-0.05	-0.05	-0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.18	16.23	0.55	99.62	-9.74	-8.52	1.40	-0.08	0.03	-0.27	0.00	0.07	0.03	0.06	0.03	0.06
FA1OBVOLTAGE_SIN		0.00	60.31	12.79	288.56	6.03	-1.29	-0.69	-0.08	-0.02	-0.05	0.07	0.00	0.04	0.02	0.04	0.10
MRBLD1CB42P75_COS		-4007.92	-1426.30	-17.74	188.44	0.75	-28.34	-21.54	50.19	-3.12	24.89	-24.33	2.65	6.53	-5.77	-20.30	-6.53
MRBLD1CB42P75_SIN		0.00	-276.18	-65.81	-30.28	87.65	12.93	-5.97	67.78	13.48	0.22	-36.71	-45.33	-30.42	-17.03	-9.14	-14.65

RUN	POINT	Harmonics															
52	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2768.61	-722.35	292.99	146.27	40.11	-6.56	-25.03	30.68	-5.76	29.02	1.93	-1.08	1.11	-4.31	-13.52	-13.31
MRBLD1CB70_SIN		0.00	-186.72	-52.85	-18.61	185.30	31.43	28.18	49.25	20.60	3.23	-36.47	-32.51	-16.34	-5.71	-5.51	-5.66
MRBLD1CB120_COS		-561.73	-205.70	429.28	109.26	68.53	43.32	2.09	26.25	-23.01	-5.05	29.80	5.84	-3.69	0.12	4.93	3.61
MRBLD1CB120_SIN		0.00	-8.45	-96.77	-55.66	184.67	41.47	51.46	13.09	3.85	-17.40	21.25	18.35	12.10	8.08	0.98	-1.53
MRBLD1CB164_COS		-1982.39	-68.70	136.51	13.87	-1.90	15.84	3.03	1.18	-7.01	-7.74	13.02	8.35	3.07	-0.94	0.85	1.43
MRBLD1CB164_SIN		0.00	49.51	-34.83	-46.20	93.73	20.45	22.21	-17.84	-8.45	-20.21	30.64	21.23	9.57	1.96	6.32	8.04
MRBLD1FB42P75_COS		3097.78	105.89	-410.04	202.67	7.80	60.31	2.09	152.21	-30.87	-14.90	18.93	6.38	-4.16	-8.31	-22.31	-21.31
MRBLD1FB42P75_SIN		0.00	39.30	-127.80	-33.07	100.03	67.13	31.83	63.57	26.81	-52.47	-13.83	-46.00	-32.53	-8.96	14.73	-19.15
MRBLD1FB70_COS		408.72	-92.27	-220.15	35.39	-16.55	11.85	2.45	33.76	-2.38	-2.22	-3.06	-3.26	-0.33	1.35	5.03	4.05
MRBLD1FB70_SIN		0.00	-128.64	-44.49	-26.75	22.28	10.90	5.81	12.26	6.19	-0.39	2.51	2.49	2.25	1.28	-1.50	4.86
MRBLD1FB87_COS		-83.58	-52.47	-179.35	-5.64	-24.64	-9.70	-7.55	-14.24	7.62	5.18	3.44	3.94	2.31	1.37	3.38	3.60
MRBLD1FB87_SIN		0.00	-118.74	-3.29	8.78	19.71	2.04	-1.54	-11.04	-8.05	8.97	4.04	13.25	9.37	3.59	-1.90	4.13
MRBLD1FB120_COS		-464.35	-46.54	-259.99	-23.43	-4.54	-16.27	-2.00	-42.51	6.09	3.52	-2.42	-3.32	-1.35	0.58	-4.68	-5.19
MRBLD1FB120_SIN		0.00	-159.79	21.10	47.38	30.07	1.40	2.31	-13.76	-3.34	0.69	-7.30	-9.55	-9.07	-5.56	1.39	-6.27
MRBLD1FB164_COS		-96.96	-21.38	-331.43	46.44	69.45	21.67	27.22	60.20	-6.48	3.34	3.45	6.27	7.09	1.14	-0.99	4.17
MRBLD1FB164_SIN		0.00	-192.79	-18.60	226.36	-21.77	-16.21	-13.19	15.10	3.77	6.42	10.91	13.54	4.53	-0.45	1.54	9.09

RUN	POINT	Harmonics															
52	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.54	-10.05	-182.90	49.46	66.14	21.18	9.25	48.59	-5.44	8.01	8.28	6.14	2.78	3.51	2.09	-0.06
MRBLD1FB180_SIN		0.00	-134.83	-12.85	175.55	-27.16	-25.42	-3.88	15.98	-17.56	0.42	4.21	14.32	3.90	0.62	3.72	-6.91
MRBLD1TOR51_COS		-1379.65	36.61	16.83	-1.90	-59.85	-2.95	16.56	61.79	0.15	-5.71	1.05	1.43	2.21	0.14	-3.26	-1.01
MRBLD1TOR51_SIN		0.00	-38.31	-3.05	213.21	-28.88	-0.47	-9.16	24.26	10.44	-10.63	-3.89	-0.97	2.33	2.49	1.81	-3.04
MRBLD1TOR71_COS		-235.86	44.04	6.77	-14.66	-56.03	-2.69	17.48	50.60	0.23	-7.45	0.36	0.63	1.16	0.85	-1.03	-0.87
MRBLD1TOR71_SIN		0.00	-39.15	-6.52	193.47	-37.03	-3.93	-7.02	18.60	9.18	-7.43	-2.45	1.19	3.70	3.41	2.60	-0.38
MRBLD1TOR130_COS		-2.66	41.31	26.31	-17.53	-46.57	-5.91	12.18	38.87	-1.84	-4.60	-0.72	2.82	0.52	-0.93	-0.05	-1.43
MRBLD1TOR130_SIN		0.00	-34.85	-1.10	191.61	-28.04	-1.56	-3.34	16.77	7.94	-2.11	1.32	-0.58	-0.19	-0.88	-0.17	3.38
MRBLD1TOR164_COS		-204.79	30.69	69.39	-18.83	-39.15	-7.77	-3.59	12.29	1.97	0.90	2.89	1.07	-0.58	1.21	1.65	0.27
MRBLD1TOR164_SIN		0.00	-12.06	7.48	111.70	-17.70	4.00	3.72	3.42	0.89	4.50	1.95	1.62	0.08	-1.33	-1.66	1.30
MRFBM1CB26P5_COS		-4769.59	-607.48	-49.71	64.35	3.29	-9.94	1.70	4.29	0.55	-1.57	-4.87	1.71	2.12	0.13	-0.36	3.05
MRFBM1CB26P5_SIN		0.00	-166.16	-8.88	-11.35	-23.87	-9.97	-9.11	5.24	-3.08	-2.43	1.57	-0.88	-1.52	-0.84	-0.75	-2.16
MRFBM1FB9_COS		325.40	-13.12	163.56	-49.50	6.19	-0.41	3.48	-3.43	1.11	-1.92	-1.48	-1.60	-1.38	-0.33	0.60	-0.37
MRFBM1FB9_SIN		0.00	28.54	76.70	-12.21	-17.00	-9.38	-0.56	-8.76	-0.67	0.71	0.21	0.91	0.55	0.44	0.88	0.88
MRFBM1TOR26P5_COS		-364.76	96.13	-0.10	-0.07	-1.12	0.23	-0.01	0.57	-0.05	-0.05	-0.10	-0.07	0.00	0.02	-0.05	0.01
MRFBM1TOR26P5_SIN		0.00	-67.66	-0.35	1.67	-0.85	-0.04	-0.10	0.12	0.16	-0.12	-0.02	0.03	0.06	0.05	0.07	-0.07

RUN	POINT	Harmonics															
52	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1083.90	-1362.70	-100.73	196.38	-5.95	-17.86	-13.64	49.36	-8.86	15.03	-16.68	7.48	6.38	-2.41	-15.52	-1.58
MRPC1CB33P25_SIN		0.00	-231.30	-48.93	-30.10	25.50	8.30	-11.11	53.33	5.65	-9.71	-16.24	-30.02	-21.57	-11.55	-6.19	-15.12
MRPC1FB33P25_COS		2270.08	56.83	-307.68	172.06	-14.01	27.64	-7.77	91.05	-33.48	20.25	24.80	35.79	19.10	0.49	-25.69	3.70
MRPC1FB33P25_SIN		0.00	148.13	-163.87	10.42	92.28	68.61	26.06	108.94	5.91	-45.49	-0.30	-27.12	-23.93	-12.50	-11.41	-27.84
MRPC1TOR25P5_COS		-807.76	-26.63	-24.29	-0.26	63.32	-4.96	-23.87	-67.33	-3.22	7.26	-1.77	1.22	-2.57	-1.21	2.34	-0.62
MRPC1TOR25P5_SIN		0.00	102.07	-44.61	-220.28	46.22	3.74	9.50	-20.68	-12.96	12.48	2.09	-3.51	-6.08	-5.86	-4.97	3.98
MRPLK1LOAD_COS		-91.91	11.27	-2.65	1.06	8.44	-0.66	-2.97	-9.48	-0.24	1.38	0.02	0.33	-0.60	-0.06	0.65	-0.32
MRPLK1LOAD_SIN		0.00	-13.66	-1.64	-29.34	5.68	0.72	1.12	-2.97	-1.93	2.04	0.56	-0.62	-0.81	-1.02	-0.89	0.90
PITCHRH_COS		9737.64	-8584.56	-298.94	-94.48	-112.31	385.86	-38.81	9.96	13.79	-38.70	282.12	-38.80	27.26	30.14	36.03	-61.58
PITCHRH_SIN		0.00	2399.59	-478.72	29.77	100.49	-323.24	190.27	-44.25	59.39	-101.51	-351.95	-24.55	11.42	-8.17	6.54	-70.22
ROLLRH_COS		-19.97	-1859.98	539.62	-9.90	-163.35	-228.20	-199.61	-29.30	61.50	70.23	153.90	3.06	27.68	-39.43	31.03	-145.96
ROLLRH_SIN		0.00	-8394.69	-640.54	-78.46	257.55	847.56	-149.57	-12.52	18.18	-3.55	-52.93	-28.41	42.11	-50.70	-17.15	-121.67
TORQ_COS		30496.41	501.61	-7.76	-8.81	-31.20	99.56	-1.89	-12.19	-13.69	3.45	35.43	0.13	5.60	-3.25	-9.36	-0.66
TORQ_SIN		0.00	470.30	-23.46	6.04	23.67	39.81	4.73	7.52	7.60	-3.91	-16.83	7.17	-6.66	6.08	-9.80	42.40
THRUST_COS		5819.35	-65.91	15.61	-12.17	7.13	-34.42	1.84	-2.64	1.73	1.78	-9.15	1.64	0.17	-1.65	-1.49	4.48
THRUST_SIN		0.00	-8.09	10.05	1.18	4.03	-42.64	0.47	8.31	0.83	2.98	-7.52	0.60	-1.47	1.67	3.27	16.72

RUN	POINT	Harmonics															
52	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.84	-26.29	-15.11	1.92	-34.51	-19.63	10.71	0.36	-0.94	-3.07	-4.91	0.29	-1.10	1.06	-1.16	4.61
SIDERH_SIN		0.00	201.53	12.15	0.37	-73.43	-85.03	7.09	1.13	0.29	-0.76	2.78	1.81	-1.08	1.86	0.36	3.70
DRAGRH_COS		-218.35	227.53	6.76	1.33	-10.81	98.27	-11.15	2.77	-1.26	1.94	-7.87	2.66	-1.07	-0.67	-1.37	2.15
DRAGRH_SIN		0.00	-47.94	19.20	2.88	17.94	61.37	-21.99	-1.03	0.33	6.73	24.86	-0.41	1.23	0.83	-0.68	4.47

RUN	POINT	Harmonics															
52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.69	0.00	0.00	0.00	0.00	0.01	0.07	-0.02	-0.01	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-1.31	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.09	2.04	0.11	6.45	-1.92	-1.35	0.27	-0.35	0.01	1.57	-0.51	-0.02	-0.04	-0.04	-0.17	0.39
ACT1FORCE_SIN		0.00	10.40	0.45	3.97	2.31	-0.07	-0.55	0.12	0.16	0.37	-0.12	0.09	0.08	0.46	0.20	-0.32
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		346.16	-16.10	-2.36	49.54	9.79	10.16	-1.39	-0.14	-0.13	-0.15	-0.02	-0.07	-0.04	-0.10	-0.03	0.09
FA1IBVOLTAGE_SIN		0.00	-57.17	-2.37	-309.67	-14.00	1.72	5.76	0.09	-0.08	0.26	-0.01	-0.09	-0.09	0.00	-0.08	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.80	16.31	2.56	-48.57	-9.81	-10.27	0.81	0.00	0.05	0.12	0.01	0.08	0.01	0.11	0.05	-0.08
FA1OBVOLTAGE_SIN		0.00	57.30	2.35	310.75	14.41	-1.58	-5.00	-0.07	0.01	-0.30	-0.02	0.07	0.01	0.01	0.08	0.10
MRBLD1CB42P75_COS		-4036.43	-1259.92	-28.25	227.77	-25.02	-48.50	-21.35	44.16	9.19	41.45	-19.35	-12.90	5.96	-4.67	-21.72	-15.44
MRBLD1CB42P75_SIN		0.00	-218.53	-27.61	-75.72	78.31	12.42	-3.45	80.23	1.75	29.08	-21.33	-48.83	-36.04	-21.52	0.73	-26.34

RUN	POINT	Harmonics															
52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2761.94	-616.35	268.68	189.00	5.98	-25.29	-47.80	27.69	2.36	43.13	3.86	-11.11	-0.29	-2.62	-15.87	-21.53
MRBLD1CB70_SIN		0.00	-140.20	-37.67	-49.04	161.60	30.83	42.44	61.38	11.27	23.73	-18.76	-30.74	-18.40	-8.93	0.54	-16.48
MRBLD1CB120_COS		-555.19	-167.86	404.83	132.37	29.97	31.30	-33.19	18.24	-25.22	4.44	23.56	12.85	-4.43	-0.47	4.58	4.99
MRBLD1CB120_SIN		0.00	25.87	-94.19	-85.39	170.96	40.96	68.77	19.31	-0.10	-16.69	16.10	19.79	13.58	9.73	0.46	-5.88
MRBLD1CB164_COS		-1983.63	-63.57	136.18	41.88	-28.47	13.33	-13.35	-2.06	-12.74	-2.79	9.40	15.32	0.52	-0.68	3.03	6.78
MRBLD1CB164_SIN		0.00	61.25	-36.87	-49.71	90.37	20.52	25.75	-18.95	-7.90	-23.54	18.28	21.06	9.91	3.88	3.01	17.61
MRBLD1FB42P75_COS		3117.58	55.59	-383.97	255.84	-51.21	16.50	2.97	141.48	-25.66	46.52	17.11	-14.35	-10.97	-10.69	-2.71	-55.50
MRBLD1FB42P75_SIN		0.00	32.68	-100.14	-154.52	171.08	78.44	28.63	91.95	1.11	-39.88	-10.26	-42.83	-36.97	-8.46	27.90	-24.92
MRBLD1FB70_COS		410.67	-95.55	-208.37	59.61	-36.81	-0.06	2.45	31.75	-2.56	2.28	-3.15	-2.79	0.25	1.23	1.35	12.03
MRBLD1FB70_SIN		0.00	-129.56	-29.55	-66.06	42.61	13.54	4.45	17.73	2.64	1.00	2.60	2.21	2.52	1.41	-5.12	6.19
MRBLD1FB87_COS		-85.46	-55.16	-169.07	13.50	-35.22	-14.15	-8.07	-11.58	6.67	-6.12	3.23	8.74	4.27	2.71	-0.46	10.08
MRBLD1FB87_SIN		0.00	-123.03	5.91	-10.68	29.63	1.20	-4.05	-13.35	-3.71	5.67	3.48	11.98	10.37	4.03	-4.22	5.65
MRBLD1FB120_COS		-471.31	-46.09	-248.18	10.26	-4.35	-11.64	-4.90	-38.65	4.99	-2.00	-1.27	-5.99	-3.75	-1.14	0.34	-15.47
MRBLD1FB120_SIN		0.00	-172.61	27.89	30.68	37.12	-1.35	-1.10	-21.97	2.15	-0.99	-7.48	-7.99	-8.45	-5.98	4.68	-9.51
MRBLD1FB164_COS		-94.31	-16.72	-324.86	-21.55	115.06	47.18	33.74	49.84	-3.06	6.18	5.33	11.14	9.10	1.79	-4.04	7.75
MRBLD1FB164_SIN		0.00	-214.53	24.11	185.64	-57.70	-24.66	-1.38	23.78	-2.64	5.92	9.73	13.37	5.80	-0.44	-0.11	10.67

RUN	POINT	Harmonics															
52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.68	-5.21	-177.18	-28.30	93.19	39.33	9.32	38.72	-0.76	-5.95	5.04	16.71	3.43	1.69	5.92	-11.62
MRBLD1FB180_SIN		0.00	-152.49	19.30	152.53	-59.19	-29.53	3.76	20.25	-20.42	-3.38	0.48	16.21	9.10	-1.03	6.17	-14.08
MRBLD1TOR51_COS		-1380.03	40.13	9.39	-89.18	-35.90	-7.25	21.27	51.38	3.73	11.67	-1.54	1.77	-0.13	0.49	-1.90	3.22
MRBLD1TOR51_SIN		0.00	-34.09	21.51	148.68	-46.86	4.91	-5.49	32.03	2.69	-3.73	-1.04	2.60	2.91	1.90	2.98	-4.19
MRBLD1TOR71_COS		-234.72	45.54	-0.05	-99.99	-31.07	-4.58	22.18	42.15	2.45	6.26	-1.61	3.00	-0.52	1.31	-0.93	2.80
MRBLD1TOR71_SIN		0.00	-36.18	15.47	137.43	-54.61	1.68	-3.33	24.37	3.10	-4.41	-0.30	5.25	4.85	3.04	2.26	-2.64
MRBLD1TOR130_COS		-2.11	45.25	18.72	-108.83	-21.81	-4.51	16.20	32.60	-0.60	4.55	-1.12	4.51	1.24	-0.54	-2.57	-3.39
MRBLD1TOR130_SIN		0.00	-32.50	21.16	144.30	-49.79	2.88	0.32	21.81	3.52	-0.05	2.65	0.10	-0.27	-0.33	-0.79	1.20
MRBLD1TOR164_COS		-205.44	34.05	63.88	-82.36	-32.30	-11.31	-0.57	12.23	0.49	-0.39	3.40	2.96	0.27	1.47	-0.07	-4.27
MRBLD1TOR164_SIN		0.00	-8.61	18.39	86.68	-30.18	4.92	3.03	7.66	0.23	-1.16	2.58	1.83	-0.17	-0.89	-0.38	-2.48
MRFBM1CB26P5_COS		-4789.07	-528.84	-50.85	61.55	7.21	-10.57	7.53	3.34	1.90	-0.52	-4.26	0.92	2.28	-0.11	0.15	2.89
MRFBM1CB26P5_SIN		0.00	-137.21	6.76	-23.54	-20.54	-10.33	-11.85	5.12	-3.40	-0.26	-0.05	-1.94	-2.11	-0.68	0.80	-3.85
MRFBM1FB9_COS		330.50	-74.52	157.81	-75.55	15.73	3.84	3.56	-2.34	0.06	-2.73	-1.23	-1.03	-1.40	-0.36	0.90	-0.50
MRFBM1FB9_SIN		0.00	42.20	53.77	11.77	-21.64	-7.58	1.01	-9.67	-0.04	-1.64	-0.20	1.54	0.82	0.63	0.27	1.97
MRFBM1TOR26P5_COS		-364.86	95.69	-0.24	-0.60	-0.69	0.24	0.04	0.49	-0.05	0.05	-0.15	-0.21	-0.03	0.02	0.05	0.07
MRFBM1TOR26P5_SIN		0.00	-67.87	-0.29	1.29	-1.22	0.02	-0.08	0.18	0.12	0.09	-0.01	-0.01	0.05	0.04	0.08	0.07

RUN	POINT	Harmonics															
52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1098.35	-1215.66	-104.51	216.26	-22.42	-33.84	-7.07	42.83	1.06	31.92	-14.59	-4.38	5.82	-2.91	-15.10	-8.96
MRPC1CB33P25_SIN		0.00	-187.88	-9.05	-77.22	30.56	7.90	-14.19	62.69	-5.12	13.37	-9.70	-33.75	-25.95	-14.21	3.55	-27.59
MRPC1FB33P25_COS		2284.31	11.19	-289.50	241.96	-80.29	-9.97	-7.44	71.70	-17.28	58.00	21.70	18.85	18.09	-0.81	-27.14	-10.79
MRPC1FB33P25_SIN		0.00	140.11	-141.42	-78.41	137.67	64.38	24.51	125.74	-11.17	-4.44	2.03	-37.68	-31.83	-14.79	13.94	-63.58
MRPC1TOR25P5_COS		-806.89	-36.39	-14.09	97.94	31.76	-0.79	-29.89	-56.57	-5.96	-10.58	2.27	1.13	0.50	-0.61	-3.68	-8.69
MRPC1TOR25P5_SIN		0.00	98.14	-74.47	-152.94	64.39	-2.69	5.48	-29.00	-5.22	4.89	0.42	-7.12	-7.13	-5.18	-3.92	-4.67
MRPLK1LOAD_COS		-92.06	11.00	-1.60	13.76	4.35	-0.13	-3.86	-7.89	-0.67	-1.33	0.74	0.97	-0.05	0.00	-0.57	-1.41
MRPLK1LOAD_SIN		0.00	-14.13	-5.24	-20.33	8.00	-0.14	0.54	-4.17	-0.68	0.43	0.31	-0.79	-0.86	-0.80	-1.14	-0.90
PITCHRH_COS		10789.27	-8632.40	-334.51	-90.62	-98.14	355.23	-25.93	-2.00	-30.15	37.04	123.12	-29.69	22.10	-8.00	36.58	-179.74
PITCHRH_SIN		0.00	3161.45	-436.67	17.74	87.26	96.65	222.19	-20.19	38.91	-123.94	-160.71	-34.14	10.09	15.68	-22.81	-41.70
ROLLRH_COS		-228.77	-2635.46	550.07	-3.30	-196.27	-896.36	-180.19	-7.68	55.88	92.79	36.69	-15.29	11.68	-2.36	64.10	-316.44
ROLLRH_SIN		0.00	-8441.98	-594.62	-68.96	228.09	524.39	-218.57	-36.73	-36.68	43.69	60.60	-10.55	22.18	-18.55	-34.96	-192.44
TORQ_COS		30306.91	498.11	-7.09	-5.18	-17.56	110.59	-4.38	-13.91	-16.09	5.41	33.10	-0.31	1.81	-2.86	-9.03	-8.39
TORQ_SIN		0.00	499.14	-26.66	14.33	50.39	35.10	7.20	14.20	4.68	-3.25	-7.79	8.25	-7.05	7.65	-9.89	47.49
THRUST_COS		5842.23	-65.78	15.25	-9.85	4.99	-14.07	0.51	-1.92	0.96	-3.56	6.38	2.91	1.02	-1.21	-3.62	12.14
THRUST_SIN		0.00	-10.18	12.88	-6.48	1.95	-44.23	1.23	16.23	0.50	0.79	-13.04	1.10	-0.63	1.01	6.85	25.92

RUN	POINT	Harmonics															
52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.47	-0.39	-15.16	1.82	-26.35	39.25	8.39	-0.58	-0.33	-4.27	-2.68	1.11	-0.62	-0.09	-1.86	9.30
SIDERH_SIN		0.00	200.50	11.13	2.46	-75.22	-102.78	11.64	0.92	1.83	-1.62	-0.87	0.50	-0.39	0.69	0.58	5.98
DRAGRH_COS		-212.59	227.84	7.64	-0.05	-14.88	65.87	-10.79	3.25	-0.13	-2.95	-1.51	0.26	0.55	0.74	-1.02	6.33
DRAGRH_SIN		0.00	-69.09	18.61	2.75	20.27	97.49	-25.90	2.71	-1.99	6.68	22.04	0.01	0.71	-0.48	1.01	2.95

RUN	POINT	Harmonics															
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-1.16	-0.01	0.00	0.00	-0.01	0.00	-0.02	-0.02	-0.01	-0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.91	-0.01	0.00	0.00	0.00	-0.01	-0.07	0.01	0.00	0.00	-0.02	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.87	-8.75	-0.67	-4.28	2.33	-1.28	0.37	-0.03	0.01	-0.11	-0.49	-0.06	-0.12	-0.14	0.33	0.02
ACT1FORCE_SIN		0.00	5.70	0.11	-6.25	1.84	0.51	-0.06	-0.26	-0.23	-1.67	0.20	0.05	0.00	-0.53	-0.07	-0.45
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.09	-0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	0.08	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.83	45.70	2.88	-172.01	-16.87	10.42	-2.88	-0.08	0.05	0.31	-0.04	-0.04	0.00	0.01	0.01	0.03
FA1IBVOLTAGE_SIN		0.00	-35.34	-4.35	262.09	-10.52	-3.15	2.90	-0.11	0.02	0.06	-0.05	-0.19	0.06	0.00	-0.03	-0.09
FA1OBCURRENT_COS		0.02	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	-0.07	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.13	-45.72	-2.98	171.55	17.28	-10.44	1.92	0.11	0.04	-0.31	0.01	0.07	0.07	-0.02	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	35.57	4.51	-263.45	10.56	3.31	-2.81	-0.03	0.06	0.00	0.04	0.17	-0.09	0.01	0.02	0.07
MRBLD1CB42P75_COS		-4030.66	-248.35	76.24	-220.26	73.32	-34.64	-6.05	-72.66	-8.94	14.89	-34.97	14.79	38.65	12.11	16.75	-33.10
MRBLD1CB42P75_SIN		0.00	-1356.16	-22.33	-17.35	23.91	34.02	-19.29	-9.32	2.37	-47.16	5.61	-56.38	9.91	23.16	25.73	-0.52

RUN	POINT	Harmonics															
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2758.57	-88.24	-145.43	-177.18	163.18	-6.88	-54.50	-55.08	1.09	11.89	-11.58	7.57	20.99	5.10	11.10	-29.00
MRBLD1CB70_SIN		0.00	-694.26	203.06	-22.08	5.20	51.40	-1.66	-13.34	-8.77	-46.87	-6.85	-38.90	3.14	9.05	17.49	9.95
MRBLD1CB120_COS		-559.80	-82.64	-217.01	-145.49	172.42	46.39	-67.08	-25.26	27.82	-14.64	33.32	3.32	-14.17	-2.45	-1.44	-1.81
MRBLD1CB120_SIN		0.00	-172.69	347.93	34.27	-17.39	43.95	31.74	1.37	-2.25	1.24	-8.99	28.53	-4.34	-10.71	-4.60	-6.75
MRBLD1CB164_COS		-1985.14	-80.97	-72.46	-54.47	88.87	19.01	-27.87	11.52	13.54	-22.56	22.56	2.22	-11.66	0.09	0.09	20.65
MRBLD1CB164_SIN		0.00	-41.03	122.38	32.46	32.92	20.25	12.11	6.60	5.25	9.78	-1.65	30.04	-1.56	-4.57	-7.81	2.91
MRBLD1FB42P75_COS		3122.30	-11.36	365.05	-252.28	152.87	46.45	-20.25	-135.89	25.83	-53.07	-1.20	14.81	44.75	21.98	44.58	-50.75
MRBLD1FB42P75_SIN		0.00	96.04	-214.07	30.45	35.94	69.00	19.57	48.61	-2.97	-29.96	-21.47	-51.10	-9.06	5.83	-13.88	36.71
MRBLD1FB70_COS		413.76	86.08	178.31	-65.82	36.46	5.75	-1.43	-27.42	2.39	-0.02	-0.74	-4.15	-3.20	-2.49	-9.03	11.70
MRBLD1FB70_SIN		0.00	-134.51	-129.50	34.89	32.24	13.11	4.21	13.87	-2.11	-2.23	4.50	0.81	-0.15	-1.14	1.46	-7.39
MRBLD1FB87_COS		-83.87	94.51	121.56	-7.29	26.69	-12.75	-2.93	17.13	-6.63	7.21	6.27	0.80	-12.41	-5.95	-7.91	10.45
MRBLD1FB87_SIN		0.00	-95.56	-124.13	3.84	33.75	5.97	-9.09	-1.70	4.04	4.08	0.43	16.53	4.01	-3.14	2.49	-6.50
MRBLD1FB120_COS		-470.13	142.20	162.73	13.49	37.54	-12.58	-3.98	33.14	-5.14	-0.37	-6.24	-0.94	10.29	5.29	10.61	-16.49
MRBLD1FB120_SIN		0.00	-106.89	-195.61	-32.69	6.38	2.17	-3.10	-15.55	-2.97	1.70	-4.80	-10.89	-3.60	5.19	-2.49	9.67
MRBLD1FB164_COS		-92.45	190.84	230.57	110.07	-48.14	33.74	21.12	-39.94	1.49	2.96	11.09	2.06	-9.07	-4.98	-2.79	12.68
MRBLD1FB164_SIN		0.00	-96.74	-254.27	-160.76	-102.70	-34.13	27.75	23.28	4.32	-6.08	4.74	18.84	9.35	1.02	2.60	-2.35

RUN	POINT	Harmonics															
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.54	137.72	122.88	93.58	-52.27	27.06	3.81	-30.33	-0.56	-1.36	6.65	4.45	-10.88	0.10	10.84	-19.30
MRBLD1FB180_SIN		0.00	-61.73	-143.69	-126.18	-85.39	-37.12	11.12	15.05	22.08	8.76	-2.87	25.45	2.69	0.62	-6.82	5.36
MRBLD1TOR51_COS		-1379.62	46.92	-16.25	147.45	-46.90	-4.37	20.63	-48.47	-4.50	-7.41	-1.31	-0.31	-3.20	-1.45	4.68	-2.47
MRBLD1TOR51_SIN		0.00	22.69	-11.06	-99.91	34.36	7.59	10.60	25.87	-3.29	-10.77	0.34	3.13	-0.38	-1.77	1.08	-5.57
MRBLD1TOR71_COS		-234.91	50.77	-6.94	150.62	-54.42	-3.31	19.29	-39.29	-3.29	-6.24	-0.89	-0.53	-5.31	-2.49	2.79	-1.07
MRBLD1TOR71_SIN		0.00	28.47	-11.97	-85.22	29.71	2.92	12.92	22.84	-3.85	-5.49	0.67	6.34	-1.11	-2.95	0.25	-4.01
MRBLD1TOR130_COS		-2.55	47.23	-25.13	159.43	-48.63	-3.14	12.05	-32.67	0.10	-1.78	0.48	4.67	0.21	0.66	0.23	-0.40
MRBLD1TOR130_SIN		0.00	28.94	-2.41	-88.10	21.67	4.04	11.14	15.81	-3.83	-4.76	2.25	2.56	1.26	0.16	2.19	4.12
MRBLD1TOR164_COS		-206.39	21.00	-59.45	108.80	-29.75	-8.15	-1.50	-11.96	-0.54	-0.69	4.60	2.23	0.36	-0.41	0.27	-4.26
MRBLD1TOR164_SIN		0.00	27.52	32.99	-46.05	30.46	8.19	0.80	6.02	-0.69	0.45	-0.21	3.59	0.37	1.47	1.32	3.18
MRFBM1CB26P5_COS		-4787.34	-57.67	47.56	-63.84	-23.14	-12.37	13.01	-4.22	-3.04	-0.83	-4.10	1.96	2.08	0.90	1.40	-1.46
MRFBM1CB26P5_SIN		0.00	-594.44	-49.66	-4.78	-10.56	-7.60	-4.00	-0.63	3.56	0.37	1.60	-1.22	2.26	1.26	0.68	-4.36
MRFBM1FB9_COS		337.55	-57.85	-167.88	61.49	-19.57	0.56	1.63	7.58	-0.11	-0.55	-0.79	-2.09	-0.82	0.17	-0.28	1.59
MRFBM1FB9_SIN		0.00	-19.03	80.56	17.03	-13.22	-8.89	3.48	3.46	-0.03	2.97	0.71	0.98	-1.68	-1.05	-1.40	1.57
MRFBM1TOR26P5_COS		-365.24	98.69	0.26	1.04	-1.14	0.22	0.12	-0.38	0.01	0.06	-0.08	-0.21	-0.05	-0.04	0.04	0.08
MRFBM1TOR26P5_SIN		0.00	63.74	0.65	-1.00	0.63	-0.06	-0.05	0.32	-0.10	-0.07	0.12	-0.13	-0.03	-0.04	-0.11	-0.05

RUN	POINT	Harmonics															
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1080.68	-265.58	115.78	-213.21	22.85	-24.44	7.53	-60.29	-1.79	2.08	-22.09	14.95	27.99	8.90	16.36	-29.95
MRPC1CB33P25_SIN		0.00	-1290.21	-90.68	-14.94	15.54	20.43	-17.03	-1.89	7.67	-33.59	5.50	-35.45	8.73	16.33	18.11	-6.56
MRPC1FB33P25_COS		2288.58	-129.54	324.31	-215.02	126.66	15.67	-22.75	-122.54	18.72	-24.24	13.53	44.06	35.84	9.78	39.04	-61.93
MRPC1FB33P25_SIN		0.00	91.06	-114.16	-24.74	64.93	66.15	9.96	-16.58	10.10	-52.37	-18.52	-25.08	24.27	20.74	31.92	-22.93
MRPC1TOR25P5_COS		-806.47	-105.12	56.68	-155.83	64.99	-2.52	-26.77	48.56	7.21	8.40	0.74	6.36	7.55	3.04	-2.09	-7.89
MRPC1TOR25P5_SIN		0.00	8.03	43.97	100.33	-30.29	-1.99	-16.77	-32.73	5.78	9.50	-0.74	-5.69	1.07	4.97	6.52	6.36
MRPLK1LOAD_COS		-92.12	17.09	4.24	-21.50	8.06	-0.27	-3.32	6.87	0.85	0.86	0.55	1.55	0.91	0.41	-0.92	-1.39
MRPLK1LOAD_SIN		0.00	4.99	3.00	13.20	-4.22	-0.06	-2.24	-4.40	0.78	1.25	-0.29	-0.13	0.03	0.78	1.27	1.07
PITCHRH_COS		10166.73	-6150.59	552.28	90.56	78.32	391.96	-172.85	-42.12	22.70	-124.19	-19.27	6.07	3.50	-3.26	-48.66	-162.62
PITCHRH_SIN		0.00	-6818.11	54.41	28.99	117.45	-149.74	147.50	-20.19	-39.63	9.64	-252.60	-33.89	27.58	-23.74	-35.74	246.29
ROLLRH_COS		-350.62	6855.14	39.43	-43.93	203.43	-573.21	-20.79	65.62	-65.26	-10.34	74.60	-20.16	-24.11	13.90	-63.44	-459.80
ROLLRH_SIN		0.00	-5607.59	824.66	71.42	160.58	894.29	-215.77	-4.49	18.29	-114.29	29.13	-4.87	11.67	14.21	-54.53	145.36
TORQ_COS		30334.13	-264.47	21.54	8.89	49.71	105.44	-5.91	-10.81	22.91	-3.81	22.85	-2.75	5.92	0.17	-5.23	31.42
TORQ_SIN		0.00	648.46	15.64	-9.47	19.88	-2.66	2.43	-13.14	-5.56	-2.33	-24.92	6.12	0.89	-5.77	14.54	29.36
THRUST_COS		5855.78	-16.57	-18.76	6.14	3.38	-28.80	1.78	-15.17	-1.72	2.17	0.08	1.66	0.10	1.28	6.06	33.03
THRUST_SIN		0.00	-66.42	0.89	9.62	-4.23	-37.29	0.32	-3.63	-1.77	2.89	-12.60	0.14	0.56	-0.62	0.72	4.43

RUN	POINT	Harmonics															
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.17	-186.82	2.15	-0.30	-69.58	-6.96	2.62	-1.12	0.58	0.01	-2.78	1.15	0.44	-0.33	1.56	13.63
SIDERH_SIN		0.00	73.11	-19.23	-5.28	25.96	-110.29	11.69	-0.73	-1.35	4.94	0.31	0.59	-0.66	-0.66	1.70	-4.25
DRAGRH_COS		-217.08	149.06	-17.91	0.77	18.13	107.08	10.25	-5.16	-0.26	7.37	12.02	-0.83	-0.54	-0.70	2.09	7.47
DRAGRH_SIN		0.00	185.11	-8.07	-1.96	15.02	68.78	-26.05	1.05	2.69	-0.51	23.05	0.08	0.31	0.30	1.07	-9.45

RUN	POINT	Harmonics															
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	0.07	0.00	0.00	0.00	-0.02	-0.01	-0.01	0.00	-0.01	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.03	0.02	-0.01	0.00	0.10	0.00	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-18.08	2.20	1.71	-2.30	-13.74	-2.41	0.69	0.22	-0.08	-0.43	-0.19	0.02	-1.12	0.14	-0.12	-0.17
ACT1FORCE_SIN		0.00	10.89	1.14	3.36	6.64	-2.09	-0.26	-0.03	0.15	0.70	-0.04	0.07	2.34	0.02	0.05	0.45
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		346.09	-17.72	-20.15	13.01	154.59	19.03	-10.21	0.13	0.39	0.07	-0.02	0.07	-0.75	-0.06	-0.08	-0.13
FA1IBVOLTAGE_SIN		0.00	-64.67	-6.40	-22.11	244.58	9.58	3.15	-0.10	0.45	-0.04	-0.14	0.03	-0.07	0.19	-0.09	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.12	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.95	17.90	20.21	-13.00	-156.17	-19.32	10.10	-0.03	0.43	0.06	-0.06	-0.08	0.71	0.05	0.07	0.14
FA1OBVOLTAGE_SIN		0.00	64.82	6.46	22.47	-244.56	-9.83	-3.25	-0.02	0.17	0.07	0.18	-0.03	0.02	-0.22	0.08	0.05
MRBLD1CB42P75_COS		-4055.84	-1297.92	-120.56	315.40	-246.78	47.86	3.05	44.37	-1.32	36.92	-3.19	-10.83	8.29	-7.16	-29.47	-6.88
MRBLD1CB42P75_SIN		0.00	-204.06	-33.94	-155.08	28.96	64.18	-49.81	73.30	55.26	22.05	-75.73	-62.67	-43.74	-10.71	-12.67	-18.87

RUN	POINT	Harmonics															
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2741.01	-637.98	205.88	285.28	-285.28	67.68	-140.03	28.68	2.82	27.60	13.00	-13.46	0.34	-7.47	-18.06	-10.34
MRBLD1CB70_SIN		0.00	-132.36	-41.99	-101.43	20.69	60.12	16.58	64.06	70.73	19.82	-51.87	-43.96	-19.61	-4.99	-7.50	-16.00
MRBLD1CB120_COS		-559.71	-171.80	363.36	224.17	-275.84	94.52	-244.89	14.87	-12.93	-15.39	7.82	9.47	-5.56	-3.56	7.59	5.64
MRBLD1CB120_SIN		0.00	34.51	-109.25	-148.64	81.76	25.26	55.31	12.01	-26.52	-34.60	52.74	29.95	18.60	4.21	2.54	-2.16
MRBLD1CB164_COS		-1991.62	-64.71	127.11	47.93	-182.74	24.48	-123.55	-2.19	-0.29	-8.77	-5.85	15.93	0.52	3.61	2.49	-2.13
MRBLD1CB164_SIN		0.00	54.69	-53.11	-45.42	89.26	-16.26	22.93	-15.96	-48.70	-39.83	45.57	29.56	14.45	0.85	7.64	15.54
MRBLD1FB42P75_COS		3127.63	60.26	-418.44	298.19	-426.99	88.96	-32.19	98.07	-51.20	0.24	0.31	-7.81	-17.46	-1.85	-31.51	-24.60
MRBLD1FB42P75_SIN		0.00	29.00	-93.98	-347.65	691.50	88.83	-0.44	34.40	-27.42	-67.07	-7.98	-46.70	-46.86	1.72	23.22	-20.68
MRBLD1FB70_COS		409.85	-98.66	-218.31	79.12	-169.66	25.15	-8.09	25.78	-3.27	-0.52	-3.08	-3.68	0.43	0.20	7.12	4.82
MRBLD1FB70_SIN		0.00	-130.81	-28.26	-119.50	190.61	14.04	-8.18	9.11	2.11	-0.06	1.45	2.36	3.80	-0.36	-4.17	5.60
MRBLD1FB87_COS		-83.46	-56.76	-166.57	21.31	-94.87	-11.44	-6.70	-7.34	9.17	2.05	8.17	7.82	5.79	0.47	6.13	5.19
MRBLD1FB87_SIN		0.00	-126.97	6.68	-23.05	97.41	-3.71	-7.96	-8.69	-1.89	8.72	4.41	12.86	12.73	1.26	-3.17	4.55
MRBLD1FB120_COS		-472.74	-47.32	-233.55	6.17	6.66	-43.08	9.27	-28.81	8.34	1.61	-3.25	-6.08	-4.70	2.55	-8.47	-7.23
MRBLD1FB120_SIN		0.00	-184.00	40.56	51.20	40.76	-18.95	6.02	-10.24	4.76	2.36	-7.00	-9.66	-11.39	-3.17	1.70	-8.76
MRBLD1FB164_COS		-106.75	-14.58	-353.15	31.21	326.79	40.46	18.80	38.28	-11.32	1.05	7.94	10.29	11.14	0.10	1.95	5.30
MRBLD1FB164_SIN		0.00	-224.59	43.97	14.62	-384.49	-12.19	4.35	1.56	-6.20	3.37	9.58	16.92	8.14	-4.18	0.64	8.71

RUN	POINT	Harmonics															
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-173.91	-7.59	-208.86	18.16	223.70	47.71	-9.93	33.15	-1.37	2.22	19.47	16.13	6.34	2.54	-6.39	-2.87
MRBLD1FB180_SIN		0.00	-160.39	30.88	-1.38	-305.87	-17.63	4.66	-9.38	-22.83	7.19	4.02	14.05	14.49	-1.71	2.29	-6.97
MRBLD1TOR51_COS		-1381.74	32.82	-27.98	26.36	79.62	45.11	43.63	35.74	-1.05	1.52	2.97	2.83	-2.26	-2.33	-3.61	-1.14
MRBLD1TOR51_SIN		0.00	-32.63	-0.17	-49.45	-226.43	100.15	-14.07	14.32	2.92	1.13	-4.37	2.08	15.15	-0.93	0.15	-0.73
MRBLD1TOR71_COS		-237.83	39.59	-32.32	3.54	96.79	38.73	45.22	28.19	-2.02	-0.55	1.57	3.02	-2.24	-0.58	-2.24	0.36
MRBLD1TOR71_SIN		0.00	-33.87	-6.25	-41.14	-231.54	87.22	-6.13	10.00	3.19	1.88	-2.30	5.04	15.32	0.03	0.00	0.41
MRBLD1TOR130_COS		-6.88	40.29	-13.35	-16.51	109.80	35.11	34.12	21.18	-4.91	2.79	-1.33	3.20	2.66	-0.18	-2.34	0.54
MRBLD1TOR130_SIN		0.00	-29.88	-0.77	-24.99	-237.60	71.22	2.91	9.34	2.80	0.30	-0.82	-0.77	-0.08	-0.38	-1.35	0.91
MRBLD1TOR164_COS		-206.40	29.37	45.40	-24.35	8.31	19.00	10.95	7.83	-0.23	4.36	2.46	1.54	4.05	3.09	-0.29	1.13
MRBLD1TOR164_SIN		0.00	-6.95	-0.43	-16.21	-130.09	42.70	2.93	1.52	1.38	2.00	1.09	-0.04	-5.30	1.02	-2.14	-1.82
MRFBM1CB26P5_COS		-4776.45	-557.50	-85.69	77.30	34.36	1.51	34.72	3.84	-2.58	1.17	-3.17	1.80	2.47	0.15	-1.41	2.29
MRFBM1CB26P5_SIN		0.00	-136.52	2.21	-48.92	-10.38	0.34	-21.15	1.52	-6.14	-1.78	-1.71	-1.20	-2.72	0.46	-0.54	-0.87
MRFBM1FB9_COS		328.24	-49.42	191.44	-101.74	83.89	-3.08	2.29	-3.31	0.20	-2.22	-1.72	-1.21	-1.69	0.07	0.73	-0.35
MRFBM1FB9_SIN		0.00	28.63	51.86	51.99	-54.60	-11.84	14.91	-6.22	0.21	0.30	0.96	1.86	1.22	0.28	1.13	1.20
MRFBM1TOR26P5_COS		-364.68	95.76	-0.30	0.04	1.22	1.04	0.27	0.42	-0.01	-0.22	-0.04	-0.10	-0.05	-0.03	0.04	-0.07
MRFBM1TOR26P5_SIN		0.00	-68.29	-0.37	0.15	-4.28	0.83	-0.72	0.18	0.11	0.18	0.04	0.02	0.13	0.06	0.12	0.02

RUN	POINT	Harmonics															
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1141.28	-1239.38	-193.52	283.73	-164.14	40.37	23.21	40.44	-6.33	26.70	-7.18	-2.69	7.89	-3.96	-22.10	-1.57
MRPC1CB33P25_SIN		0.00	-165.71	-10.33	-170.03	59.42	49.10	-58.63	46.86	16.87	1.12	-43.55	-39.20	-32.52	-5.84	-9.48	-16.15
MRPC1FB33P25_COS		2288.09	16.40	-314.02	307.44	-517.64	46.15	-31.36	62.79	-24.24	36.31	7.65	25.33	21.38	-4.18	-40.42	5.32
MRPC1FB33P25_SIN		0.00	139.19	-137.71	-219.85	480.10	87.60	-6.12	62.21	-42.05	-48.04	-7.78	-36.64	-44.55	-0.63	-14.23	-34.64
MRPC1TOR25P5_COS		-800.49	-29.03	24.94	-19.51	-128.52	-49.37	-54.66	-40.14	-1.47	1.19	-4.95	-2.48	4.27	2.70	-3.64	3.71
MRPC1TOR25P5_SIN		0.00	97.65	-52.42	62.04	260.68	-105.86	15.79	-14.29	-3.38	-2.93	-1.47	-7.40	-23.89	-0.67	-6.30	-3.89
MRPLK1LOAD_COS		-90.73	11.72	3.34	-1.25	-15.11	-7.83	-6.47	-5.87	-0.01	0.93	-0.41	-0.10	0.44	0.61	-0.54	0.80
MRPLK1LOAD_SIN		0.00	-14.03	-2.83	7.35	32.97	-13.97	2.15	-1.92	-0.58	-0.43	-0.23	-0.79	-3.25	-0.34	-1.60	-0.47
PITCHRH_COS		10550.28	-8562.12	-380.08	-6.36	-23.18	485.55	93.99	-45.41	-56.76	98.73	178.09	-219.89	99.53	-95.54	14.09	-267.43
PITCHRH_SIN		0.00	2157.14	-433.81	86.69	-84.16	2861.94	-48.87	-33.28	111.12	-3.94	-247.28	-25.60	-24.70	-46.73	-68.09	-10.91
ROLLRH_COS		165.06	-1725.07	454.76	-47.47	-275.29	-4605.65	90.98	5.62	66.98	4.67	11.55	7.46	64.20	-43.68	25.71	-270.50
ROLLRH_SIN		0.00	-8379.74	-575.39	-41.26	35.34	-1007.18	-238.61	-166.58	18.41	24.54	-43.41	-210.87	120.97	-110.60	-114.13	-223.20
TORQ_COS		30283.45	483.09	8.25	0.74	27.52	45.80	-15.55	-15.62	7.78	3.32	23.54	-0.16	2.43	-3.19	-7.14	-5.26
TORQ_SIN		0.00	499.79	-21.53	25.79	125.35	-60.31	13.54	14.51	-1.25	-6.85	6.56	6.04	-8.24	6.05	-9.67	11.30
THRUST_COS		5824.18	-69.05	5.57	2.61	11.24	-71.09	2.96	-10.90	1.90	-1.21	7.83	10.45	-4.00	0.00	-4.30	6.14
THRUST_SIN		0.00	-16.16	9.41	6.78	-4.08	-109.06	2.39	19.10	3.39	1.05	-14.69	8.75	-1.32	2.22	5.98	15.32

RUN	POINT	Harmonics															
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.16	-17.73	-12.19	0.46	-17.74	380.74	1.78	-3.17	-1.38	1.19	2.05	-2.39	-2.20	1.04	-0.63	7.53
SIDERH_SIN		0.00	203.55	11.60	3.05	-39.63	-191.29	11.59	4.09	-3.25	-1.30	0.23	7.61	-2.55	3.35	3.51	6.74
DRAGRH_COS		-219.68	226.39	11.00	-6.41	-18.63	-119.34	-28.05	5.24	13.26	-5.83	12.94	11.06	0.12	3.61	-0.03	12.98
DRAGRH_SIN		0.00	-45.53	14.40	-1.39	38.33	377.45	-10.92	7.64	0.31	1.84	17.78	2.97	1.13	2.68	2.98	1.62

RUN	POINT	Harmonics															
52	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.02	0.04	0.01	-0.01	0.00	0.02	0.00	0.02	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.22	1.97	1.42	-1.94	-9.19	-3.17	0.57	0.21	-0.15	-0.05	-0.08	0.10	2.45	0.11	-0.11	0.21
ACT1FORCE_SIN		0.00	10.88	1.36	2.43	11.56	-0.91	-0.23	0.31	0.33	0.07	-0.19	0.10	1.09	0.08	0.27	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.05	-17.05	-13.91	10.66	261.80	20.78	-7.20	0.16	0.59	0.16	0.03	0.08	0.04	-0.01	-0.15	-0.03
FA1IBVOLTAGE_SIN		0.00	-64.08	-5.56	-16.60	136.99	0.52	6.18	-0.30	-0.10	-0.12	-0.02	-0.02	0.86	0.11	-0.01	0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		459.01	17.22	13.98	-10.57	-263.00	-21.20	7.09	-0.11	0.40	-0.03	-0.05	-0.09	-0.10	-0.03	0.13	0.04
FA1OBVOLTAGE_SIN		0.00	64.23	5.67	16.92	-136.61	-0.66	-6.25	0.16	-0.32	0.05	0.11	0.04	-0.82	-0.11	0.01	-0.12
MRBLD1CB42P75_COS		-4026.20	-1515.80	-86.22	219.33	-212.58	85.18	-20.23	81.83	49.26	41.32	5.00	-5.73	-18.80	-10.67	-24.85	1.56
MRBLD1CB42P75_SIN		0.00	-332.61	-31.54	-173.43	148.45	29.17	-61.02	48.86	33.71	16.93	-85.25	-30.56	-12.53	-18.96	-21.41	-15.45

RUN	POINT	Harmonics															
52	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.84	-780.09	246.75	207.15	-276.69	92.53	-117.88	55.77	54.05	36.75	17.65	-8.67	-8.58	-7.99	-14.85	-8.16
MRBLD1CB70_SIN		0.00	-222.59	-33.92	-146.92	179.53	51.21	70.03	33.92	39.43	25.70	-58.01	-20.46	-1.65	-4.99	-15.43	-9.45
MRBLD1CB120_COS		-561.51	-228.36	385.49	158.82	-237.60	91.14	-193.35	34.85	-32.88	-28.52	21.13	11.11	9.31	-1.12	5.15	6.65
MRBLD1CB120_SIN		0.00	-17.79	-95.68	-177.41	234.09	34.88	169.12	-8.01	-14.93	-26.90	55.23	17.05	3.10	10.07	-0.32	-3.28
MRBLD1CB164_COS		-1987.77	-77.44	124.16	22.75	-135.39	9.19	-100.82	-3.03	-36.51	-25.40	5.92	16.25	15.27	3.84	3.39	-0.89
MRBLD1CB164_SIN		0.00	42.15	-47.58	-56.95	162.72	0.33	88.95	-16.05	-31.24	-42.50	50.68	14.88	1.70	-0.84	12.36	11.30
MRBLD1FB42P75_COS		3112.07	127.97	-432.71	109.27	-66.69	112.31	-35.77	167.49	-55.50	-42.96	41.46	25.68	-18.78	-11.12	-49.85	-9.78
MRBLD1FB42P75_SIN		0.00	51.34	-103.23	-249.31	776.45	9.39	-9.41	-21.50	17.71	-58.13	-56.95	-32.86	-7.80	-5.28	8.70	-37.13
MRBLD1FB70_COS		409.17	-95.20	-225.56	13.83	-60.46	29.50	-12.16	37.87	-1.37	-1.97	-3.20	-3.85	1.21	1.15	10.16	2.15
MRBLD1FB70_SIN		0.00	-130.59	-36.34	-93.84	229.24	-5.52	-6.08	-2.34	4.10	0.75	0.26	2.70	0.93	0.46	-0.94	8.58
MRBLD1FB87_COS		-81.49	-55.07	-176.10	-10.51	-42.64	-12.06	-9.76	-15.49	8.74	8.42	-0.51	0.29	6.27	2.54	10.24	1.82
MRBLD1FB87_SIN		0.00	-123.11	-2.71	-14.47	115.06	-1.73	-4.00	-4.60	-7.24	7.75	13.34	8.76	2.16	3.19	-0.19	7.04
MRBLD1FB120_COS		-466.77	-49.54	-237.93	-19.45	9.94	-49.21	13.55	-44.72	7.58	2.83	-0.41	-2.25	-5.89	0.27	-14.77	-3.33
MRBLD1FB120_SIN		0.00	-172.38	23.40	50.47	24.60	1.65	7.20	7.86	1.21	2.26	-8.18	-6.62	-2.98	-4.87	-0.40	-10.53
MRBLD1FB164_COS		-106.95	-18.18	-345.82	-0.29	87.69	19.66	12.48	59.82	-10.94	1.17	1.28	6.65	13.01	1.91	5.72	1.95
MRBLD1FB164_SIN		0.00	-211.80	22.77	46.76	-438.10	-12.58	-9.56	-22.32	-3.83	1.65	13.33	11.83	-1.17	-1.63	1.88	8.54

RUN	POINT	Harmonics															
52	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-174.47	-10.99	-204.69	2.94	51.76	32.75	-11.33	45.52	-8.79	11.35	6.64	7.96	17.00	3.21	-14.96	0.66
MRBLD1FB180_SIN		0.00	-152.42	18.70	22.55	-324.02	-25.95	-0.05	-23.73	-26.67	0.96	17.54	2.50	-4.79	-0.68	1.26	-12.27
MRBLD1TOR51_COS		-1381.06	32.84	-23.05	-0.13	-57.61	86.35	38.18	47.79	-2.94	1.74	-0.19	1.76	15.06	-0.50	-4.12	1.33
MRBLD1TOR51_SIN		0.00	-31.68	-2.80	-16.05	-239.54	54.06	-23.18	6.46	4.04	-2.50	-4.92	-1.31	3.38	2.45	-1.62	-1.70
MRBLD1TOR71_COS		-238.60	41.96	-29.49	-12.99	-40.70	74.24	42.21	35.25	-3.63	-0.45	-3.38	0.61	13.36	0.36	-2.16	1.58
MRBLD1TOR71_SIN		0.00	-31.63	-8.18	-9.92	-251.60	47.52	-16.05	4.69	4.44	-0.88	-1.66	0.15	3.64	2.94	0.55	-1.45
MRBLD1TOR130_COS		-7.26	40.14	-9.79	-21.10	-31.57	60.35	33.77	28.04	-4.19	-0.50	0.73	1.00	0.85	-1.56	-0.63	-0.13
MRBLD1TOR130_SIN		0.00	-28.07	-2.63	3.67	-256.78	37.75	-6.29	5.09	5.33	-1.40	0.42	1.33	-1.52	-1.47	0.73	-0.06
MRBLD1TOR164_COS		-207.28	28.49	46.31	-18.92	-59.49	35.42	10.85	6.80	-0.68	2.64	1.54	0.33	-4.61	1.31	-0.81	-0.65
MRBLD1TOR164_SIN		0.00	-8.05	1.64	-0.25	-121.21	21.66	0.75	0.05	1.81	1.95	2.29	0.85	-2.52	-0.78	-1.66	-1.00
MRFBM1CB26P5_COS		-4761.26	-659.05	-78.55	62.74	33.78	6.59	21.69	6.13	-3.65	-0.43	-1.20	2.52	-0.16	0.00	-1.58	4.51
MRFBM1CB26P5_SIN		0.00	-202.91	3.36	-42.01	-23.97	-10.55	-36.35	2.47	-1.82	-4.50	-3.41	-0.54	-1.42	-1.23	-1.52	-1.87
MRFBM1FB9_COS		326.67	31.38	186.04	-48.19	50.88	-7.77	8.58	-8.12	0.22	-1.42	-3.52	-1.04	0.06	-0.29	0.39	-0.73
MRFBM1FB9_SIN		0.00	28.23	60.26	46.56	-81.96	-6.76	14.17	-5.74	-0.37	0.93	1.05	0.27	0.74	0.64	1.62	0.57
MRFBM1TOR26P5_COS		-364.56	96.17	-0.12	-0.04	-1.18	1.36	-0.14	0.43	0.01	-0.02	-0.02	0.01	0.08	0.04	0.02	-0.05
MRFBM1TOR26P5_SIN		0.00	-68.02	-0.35	0.39	-4.59	0.40	-0.69	0.10	0.04	0.17	-0.04	0.05	0.04	0.10	0.02	0.09

RUN	POINT	Harmonics															
52	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1111.53	-1432.42	-163.98	198.34	-112.45	70.14	-6.92	71.24	14.26	21.47	7.21	4.07	-12.08	-7.13	-20.96	8.17
MRPC1CB33P25_SIN		0.00	-268.29	-10.91	-163.67	126.74	6.32	-75.12	31.77	12.93	-6.28	-50.78	-17.70	-10.30	-12.93	-18.64	-15.20
MRPC1FB33P25_COS		2274.79	76.91	-324.89	135.91	-235.88	84.34	-27.44	136.78	-43.80	1.69	65.17	41.17	-9.87	-4.39	-37.26	25.69
MRPC1FB33P25_SIN		0.00	160.96	-147.74	-175.52	636.94	31.96	-11.31	47.08	-10.93	-61.96	-19.85	-5.95	-17.24	-12.47	-38.61	-29.26
MRPC1TOR25P5_COS		-803.20	-19.52	14.17	4.61	31.58	-94.46	-47.39	-51.59	3.29	-1.42	0.70	-2.00	-20.86	-2.54	-0.12	1.80
MRPC1TOR25P5_SIN		0.00	97.08	-45.14	22.50	293.14	-58.81	25.49	-5.28	-4.89	2.30	0.87	0.38	-6.60	-6.39	-2.91	-3.81
MRPLK1LOAD_COS		-90.84	11.28	2.73	1.82	5.25	-13.68	-5.54	-7.32	0.44	0.25	-0.01	-0.61	-2.86	-0.32	0.10	0.35
MRPLK1LOAD_SIN		0.00	-14.60	-2.29	2.14	36.46	-7.09	3.09	-0.50	-0.72	0.14	0.35	0.03	-1.07	-1.13	-0.34	-0.88
PITCHRH_COS		9182.67	-8571.41	-375.81	-6.52	-110.66	1817.93	-47.42	-23.31	69.04	133.46	350.22	-165.46	40.70	-68.91	-30.36	-125.08
PITCHRH_SIN		0.00	2213.70	-458.87	52.35	-102.39	2058.52	-132.80	93.29	139.34	-151.66	-338.41	90.21	-15.52	88.00	-10.75	10.86
ROLLRH_COS		68.47	-1776.98	448.11	-37.32	-393.58	-4592.95	8.24	-56.74	89.91	66.95	148.64	-103.77	143.35	-150.99	-31.63	79.76
ROLLRH_SIN		0.00	-8402.35	-606.73	-54.22	157.08	1207.10	-306.03	-107.77	64.53	69.29	-86.11	-156.73	47.41	-33.32	10.22	-241.89
TORQ_COS		30678.85	487.49	4.40	7.53	29.97	-20.19	-8.15	-6.08	-8.45	-1.50	29.52	0.61	3.01	-1.37	-8.31	-14.44
TORQ_SIN		0.00	461.86	-21.66	23.47	71.90	-46.73	18.31	6.52	-7.04	-6.85	11.77	7.73	-9.31	7.39	-10.32	32.66
THRUST_COS		5809.41	-69.03	5.43	2.33	7.63	-112.39	1.20	1.07	5.50	-1.73	-27.14	16.42	-0.56	2.70	-3.93	0.76
THRUST_SIN		0.00	-11.38	9.38	7.78	3.76	-57.49	4.33	15.73	0.23	3.41	3.44	-2.63	2.96	1.22	6.25	4.33

RUN	POINT	Harmonics															
52	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.50	-19.26	-12.77	3.12	-4.16	246.27	1.44	-2.10	-3.76	-1.79	-5.10	1.52	-3.89	4.23	0.87	-2.16
SIDERH_SIN		0.00	204.03	12.08	1.61	-74.31	-354.56	13.99	5.09	-3.02	-4.49	-0.25	8.15	-1.11	1.43	-0.49	7.82
DRAGRH_COS		-227.51	226.87	9.53	-4.64	-12.77	80.55	-21.06	8.86	6.41	-8.74	-3.03	13.24	-1.70	2.23	1.37	7.37
DRAGRH_SIN		0.00	-46.31	13.13	1.67	38.08	417.91	3.18	2.88	-9.36	11.75	2.60	-2.92	-1.33	-3.23	-0.22	-1.97

RUN	POINT	Harmonics															
52	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.02	-0.01	0.00	0.01	0.02	0.01	0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.01	0.03	0.00	-0.01	-0.01	-0.10	0.01	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-18.58	1.79	1.81	-2.07	-2.74	-3.30	0.31	0.20	-0.07	-0.18	0.05	0.16	1.21	0.27	0.21	0.24
ACT1FORCE_SIN		0.00	10.20	1.22	1.62	13.55	0.40	-0.49	-0.06	0.49	-0.25	-0.05	-0.12	-2.18	0.28	0.17	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.61	-16.09	-15.43	11.98	299.48	18.59	-2.72	-0.01	0.13	-0.02	-0.03	0.09	0.86	0.02	-0.11	-0.06
FA1IBVOLTAGE_SIN		0.00	-59.82	-2.75	-10.48	-2.25	-6.81	7.59	-0.19	-0.59	-0.12	0.00	-0.05	0.11	-0.06	0.04	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.44	16.27	15.51	-11.81	-300.40	-19.01	2.60	0.00	0.11	0.04	0.11	-0.10	-0.79	-0.04	0.11	0.05
FA1OBVOLTAGE_SIN		0.00	59.94	2.85	10.72	3.15	6.88	-7.56	0.02	-0.52	-0.03	0.07	0.08	-0.05	0.10	-0.04	0.01
MRBLD1CB42P75_COS		-4002.81	-1362.20	-82.44	138.65	-145.35	74.68	-52.28	55.56	57.84	31.42	-4.98	-13.92	4.50	-11.69	-27.15	-5.83
MRBLD1CB42P75_SIN		0.00	-329.55	-48.48	-129.51	250.40	-31.06	-56.27	6.61	-33.95	22.74	-83.90	-16.45	-1.63	-21.43	-28.32	-20.52

RUN	POINT	Harmonics															
52	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2762.45	-690.44	269.81	118.40	-225.77	60.35	-87.18	23.86	55.70	34.11	0.78	-10.06	6.26	-3.17	-21.47	-13.52
MRBLD1CB70_SIN		0.00	-219.95	-42.66	-124.79	341.53	8.56	103.07	-1.18	-32.91	33.22	-63.47	-6.04	-3.76	-3.27	-23.02	-11.01
MRBLD1CB120_COS		-580.12	-196.99	411.29	82.89	-155.80	44.45	-103.02	10.29	-33.24	-15.08	35.92	16.10	-4.48	2.24	2.03	5.22
MRBLD1CB120_SIN		0.00	-28.48	-88.33	-151.49	382.26	19.75	242.39	-32.70	0.33	-23.03	45.55	8.60	-1.89	12.16	0.01	-5.09
MRBLD1CB164_COS		-1991.58	-68.03	127.37	-8.81	-68.18	-20.00	-51.36	-6.08	-42.48	-17.30	27.77	18.17	3.05	-0.11	9.37	4.25
MRBLD1CB164_SIN		0.00	39.96	-41.37	-49.27	216.66	11.01	133.53	-14.49	7.49	-43.59	52.20	6.10	-3.15	-3.60	15.11	13.33
MRBLD1FB42P75_COS		3093.17	93.32	-468.15	17.70	335.22	91.05	-40.38	78.85	-40.50	-40.66	61.00	16.85	9.58	-21.11	-64.64	-33.72
MRBLD1FB42P75_SIN		0.00	57.98	-115.16	-70.05	702.22	-71.12	9.92	-84.01	13.15	-61.83	-98.74	-35.85	-5.39	-8.10	13.60	-30.67
MRBLD1FB70_COS		407.53	-93.57	-244.09	-21.80	64.30	22.07	-12.58	22.81	-0.93	-0.49	-3.79	-2.84	-1.53	2.22	13.53	7.37
MRBLD1FB70_SIN		0.00	-129.00	-41.67	-37.30	217.06	-26.07	2.12	-13.83	0.62	1.72	1.17	3.32	0.53	0.90	-2.63	7.11
MRBLD1FB87_COS		-78.13	-54.28	-192.50	-29.11	14.13	-13.54	-9.38	-7.41	7.04	8.37	-4.34	2.52	-1.50	4.75	12.77	6.10
MRBLD1FB87_SIN		0.00	-119.13	-6.20	12.29	107.48	-1.85	-1.79	2.39	-4.69	8.92	20.79	8.31	2.49	4.19	-1.18	5.76
MRBLD1FB120_COS		-453.67	-51.46	-259.85	-37.44	3.20	-45.22	14.28	-24.52	4.63	0.87	-0.13	-3.85	1.52	-2.90	-18.30	-9.03
MRBLD1FB120_SIN		0.00	-158.02	8.61	68.25	6.23	28.82	2.20	23.27	2.25	0.44	-11.21	-6.87	-3.20	-6.52	2.60	-8.80
MRBLD1FB164_COS		-97.77	-25.30	-369.38	-3.43	-149.04	23.62	11.44	32.83	-8.16	3.17	0.85	9.27	4.23	1.35	6.02	3.47
MRBLD1FB164_SIN		0.00	-201.17	1.09	104.61	-376.43	-5.44	-13.15	-48.27	-8.34	1.70	20.67	12.05	-1.14	0.22	-0.06	7.54

RUN	POINT	Harmonics															
52	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.71	-16.85	-218.94	7.78	-109.53	25.03	-7.99	23.88	-13.08	13.99	-0.84	11.71	4.09	0.91	-20.38	-7.14
MRBLD1FB180_SIN		0.00	-145.81	2.48	58.50	-260.57	-33.69	0.06	-42.14	-28.50	-1.13	33.31	4.42	-9.84	-1.94	3.02	-10.06
MRBLD1TOR51_COS		-1381.60	37.51	-25.43	-9.43	-171.53	103.63	20.51	25.76	-0.57	1.82	-3.12	0.46	4.70	1.32	-5.08	0.68
MRBLD1TOR51_SIN		0.00	-30.16	-5.81	21.92	-183.60	4.17	-38.84	-11.43	1.61	-2.70	-0.58	0.71	-11.24	0.75	-4.21	-3.30
MRBLD1TOR71_COS		-238.69	44.63	-32.16	-15.01	-159.45	90.67	27.18	17.82	-1.24	-0.35	-5.99	-0.66	3.22	2.36	-1.82	0.59
MRBLD1TOR71_SIN		0.00	-30.27	-9.80	19.63	-203.11	5.99	-33.27	-7.00	3.85	-0.83	3.55	1.75	-9.17	2.02	-1.41	-2.35
MRBLD1TOR130_COS		-5.90	41.94	-10.66	-14.10	-156.08	70.96	23.59	13.66	-1.57	-0.11	3.17	0.21	-1.31	-1.44	0.50	-0.86
MRBLD1TOR130_SIN		0.00	-25.15	-3.99	25.56	-207.16	4.44	-21.65	-4.75	3.01	-0.73	2.88	1.65	-1.06	-0.87	0.66	1.02
MRBLD1TOR164_COS		-206.77	30.17	49.62	-9.40	-109.07	39.57	6.81	-0.40	-0.20	3.01	1.44	0.95	-2.58	0.36	-1.17	-1.18
MRBLD1TOR164_SIN		0.00	-7.43	4.98	6.32	-80.95	-1.82	-5.42	-0.83	1.05	2.38	3.55	2.12	5.73	-0.93	-1.39	-0.71
MRFBM1CB26P5_COS		-4744.26	-584.84	-81.85	56.33	27.23	9.60	3.67	6.74	-0.39	-1.99	2.36	1.41	0.41	-1.08	-1.47	3.45
MRFBM1CB26P5_SIN		0.00	-194.54	-2.50	-29.99	-39.95	-19.35	-42.08	0.35	0.41	-5.65	-2.80	-1.51	0.58	-2.77	-1.61	-3.38
MRFBM1FB9_COS		305.22	-10.23	201.94	-9.71	6.61	-8.40	15.00	-6.85	-0.82	-1.44	-4.42	-1.01	-0.37	-0.32	0.48	-0.79
MRFBM1FB9_SIN		0.00	48.40	74.50	11.81	-95.94	0.55	9.41	0.15	0.90	0.54	1.30	0.04	-0.54	0.98	2.18	1.27
MRFBM1TOR26P5_COS		-364.67	95.69	-0.18	-0.05	-3.36	1.39	-0.59	0.26	0.01	0.02	-0.17	0.05	0.03	0.05	-0.01	0.02
MRFBM1TOR26P5_SIN		0.00	-68.03	-0.41	0.54	-3.65	-0.16	-0.59	-0.03	0.01	0.18	-0.09	0.05	-0.08	0.04	0.03	0.07

RUN	POINT	Harmonics															
52	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1090.84	-1294.64	-168.00	140.83	-40.80	65.53	-42.67	51.52	22.93	16.14	11.45	-2.79	4.33	-9.69	-24.07	-1.11
MRPC1CB33P25_SIN		0.00	-274.25	-26.83	-113.19	168.97	-45.87	-68.69	-3.13	-19.52	-3.59	-51.78	-12.47	0.11	-15.91	-23.42	-21.64
MRPC1FB33P25_COS		2261.75	43.16	-351.27	28.27	115.28	85.72	-32.54	91.98	-30.06	6.68	102.05	36.10	9.69	-7.97	-51.69	8.34
MRPC1FB33P25_SIN		0.00	163.44	-163.42	-46.49	669.05	-36.80	1.06	-34.89	-12.69	-63.97	-38.66	-13.30	5.65	-20.65	-48.41	-45.63
MRPC1TOR25P5_COS		-802.38	-28.35	17.50	7.72	172.98	-116.99	-27.46	-30.68	1.36	-0.51	6.73	-1.92	-6.89	-4.10	1.21	-0.90
MRPC1TOR25P5_SIN		0.00	94.16	-43.67	-19.04	244.25	-8.75	41.30	12.61	-7.20	3.08	-2.75	-1.74	12.81	-2.75	-2.15	-2.93
MRPLK1LOAD_COS		-90.86	11.09	2.86	2.32	22.73	-16.08	-2.89	-4.03	0.14	0.21	0.97	-0.66	-1.06	-0.54	0.71	-0.31
MRPLK1LOAD_SIN		0.00	-14.79	-1.83	-3.42	29.85	0.15	5.04	1.90	-0.71	0.15	0.36	-0.30	1.76	-0.54	-0.44	-0.72
PITCHRH_COS		9960.70	-8574.13	-385.77	4.81	-163.05	2727.61	-216.92	36.70	123.95	-4.76	339.88	-13.57	40.63	57.73	-12.04	-177.85
PITCHRH_SIN		0.00	2250.53	-472.12	32.69	-64.81	833.61	-5.65	113.91	1.65	-254.42	-536.87	95.81	21.55	82.78	87.89	-145.96
ROLLRH_COS		-287.16	-1796.63	424.08	-50.38	-396.21	-3609.57	-86.84	-89.20	139.01	165.19	140.56	-147.64	61.78	-99.24	98.97	-134.84
ROLLRH_SIN		0.00	-8380.35	-608.84	-54.15	292.20	3311.33	-208.69	-54.80	3.15	-7.27	-79.37	-17.77	-65.13	126.67	24.58	-451.15
TORQ_COS		30987.30	505.21	1.77	14.55	34.30	-52.55	-1.61	-14.14	-25.67	-1.27	25.70	3.24	2.48	-1.63	-9.73	4.71
TORQ_SIN		0.00	483.47	-11.85	16.46	34.00	7.35	13.93	0.36	-1.02	-5.03	2.54	9.43	-9.24	9.16	-7.08	49.22
THRUST_COS		5754.77	-67.37	7.61	1.77	3.41	-119.87	2.79	3.00	2.84	-0.63	-39.80	8.51	3.21	2.27	-2.60	3.82
THRUST_SIN		0.00	-9.75	9.07	5.52	4.33	10.48	4.46	10.28	-2.31	5.91	24.51	-13.67	-0.66	-2.22	10.53	11.72

RUN	POINT	Harmonics															
52	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.29	-20.32	-12.57	4.58	-6.23	49.76	10.81	0.29	-6.11	-7.66	-6.53	5.38	-1.81	3.01	-3.69	3.81
SIDERH_SIN		0.00	196.49	12.56	-0.52	-89.20	-443.15	15.26	5.25	1.19	-1.58	-1.45	3.97	1.40	-3.49	-0.89	13.75
DRAGRH_COS		-222.11	226.06	8.86	-3.47	-5.86	292.72	-8.11	10.74	-3.38	-0.53	-24.35	5.00	-4.89	-2.01	0.39	7.42
DRAGRH_SIN		0.00	-46.48	13.01	2.95	35.16	371.23	-2.20	-5.43	-8.52	19.24	9.02	-7.93	0.01	-2.44	-3.47	5.25

RUN	POINT	Harmonics															
52	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.48	0.00	0.00	-0.01	0.01	-0.02	0.00	0.00	-0.08	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.02	0.01	0.00	-0.02	-0.01	-0.01	0.00	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.02	1.53	1.55	-2.74	3.29	-2.97	0.24	-0.20	-0.06	-0.73	0.04	0.10	-1.81	0.25	0.07	0.12
ACT1FORCE_SIN		0.00	10.05	1.33	0.64	11.75	1.33	-0.58	-0.01	0.41	-0.22	-0.35	-0.28	-0.73	0.17	0.15	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.69	-15.65	-11.50	16.82	266.82	14.54	-1.14	-0.25	-0.50	-0.23	0.11	0.03	-0.01	-0.04	-0.08	0.00
FA1IBVOLTAGE_SIN		0.00	-57.94	-5.06	-4.14	-139.73	-9.83	9.31	0.01	-0.50	-0.23	0.00	0.04	-0.83	-0.01	0.04	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.36	15.85	11.62	-16.63	-267.00	-14.88	1.01	0.18	-0.25	0.15	-0.01	0.00	0.06	0.07	0.08	0.00
FA1OBVOLTAGE_SIN		0.00	58.03	5.17	4.30	141.37	10.11	-9.27	-0.19	-0.36	0.10	0.01	-0.03	0.79	0.02	-0.03	0.04
MRBLD1CB42P75_COS		-4016.23	-1335.30	-50.95	92.13	-54.46	43.59	-72.13	14.31	8.30	33.91	1.21	-25.06	31.70	-1.50	-33.42	-6.34
MRBLD1CB42P75_SIN		0.00	-275.20	-56.36	-51.79	287.42	-71.49	-35.31	21.06	-54.68	23.47	-67.10	-18.64	-37.76	-21.55	-33.74	-29.48

RUN	POINT	Harmonics															
52	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2759.28	-678.29	306.76	62.88	-109.17	23.49	-58.48	-11.95	-3.28	41.81	-2.12	-10.60	17.15	2.27	-22.12	-11.49
MRBLD1CB70_SIN		0.00	-180.37	-47.38	-68.25	434.29	-8.95	107.78	17.90	-50.40	28.99	-50.61	-9.74	-25.11	-7.98	-19.77	-18.58
MRBLD1CB120_COS		-580.63	-197.42	445.35	42.22	-30.80	18.06	-10.78	-13.99	-23.25	-12.21	28.83	19.02	-17.17	-1.26	3.22	8.76
MRBLD1CB120_SIN		0.00	-19.60	-84.13	-102.08	449.38	29.17	243.72	-19.33	10.19	-18.15	33.09	10.88	18.74	8.55	3.61	-3.49
MRBLD1CB164_COS		-1990.24	-67.54	136.52	-26.34	0.85	-32.91	-2.75	-4.56	-13.35	-21.49	28.95	16.78	-10.29	-3.48	6.06	-1.98
MRBLD1CB164_SIN		0.00	40.96	-35.34	-30.56	221.21	33.69	135.11	-13.67	25.49	-32.46	41.87	11.66	13.32	0.20	11.89	17.95
MRBLD1FB42P75_COS		3090.93	93.31	-475.08	14.42	536.13	80.78	-1.13	7.26	-14.93	-20.92	67.45	2.52	19.90	-13.89	-73.28	-43.89
MRBLD1FB42P75_SIN		0.00	38.15	-118.23	117.44	443.04	-112.90	18.39	-33.23	8.90	-36.65	-105.83	-18.14	-47.53	-15.41	17.46	-49.11
MRBLD1FB70_COS		404.66	-86.94	-250.12	-28.26	133.08	16.43	-5.26	8.83	-1.70	0.55	-3.65	-3.71	-3.66	1.33	15.07	9.06
MRBLD1FB70_SIN		0.00	-132.07	-43.17	21.55	142.65	-36.34	8.16	-3.76	0.94	1.42	2.03	2.87	3.72	1.96	-2.15	11.50
MRBLD1FB87_COS		-79.60	-48.55	-202.10	-36.26	44.06	-14.07	-9.50	-0.14	6.03	5.97	-7.15	6.14	-2.76	3.51	14.79	7.67
MRBLD1FB87_SIN		0.00	-120.14	-5.71	39.26	69.92	-1.51	0.78	-1.37	-4.51	4.75	22.88	4.25	14.14	5.49	-2.35	9.01
MRBLD1FB120_COS		-452.43	-45.81	-276.45	-48.51	-4.09	-37.26	3.46	-8.46	2.11	1.58	1.65	-4.44	3.92	-1.38	-19.78	-11.49
MRBLD1FB120_SIN		0.00	-151.14	3.25	88.11	-2.78	49.32	-0.19	10.23	2.99	1.77	-12.31	-7.58	-13.60	-7.32	4.03	-13.88
MRBLD1FB164_COS		-92.13	-16.78	-385.12	12.16	-269.01	23.71	27.74	9.14	-2.82	1.26	-1.55	11.97	3.35	2.14	6.78	4.02
MRBLD1FB164_SIN		0.00	-198.54	-12.28	144.37	-194.89	-11.89	-20.37	-34.44	-10.36	3.81	21.96	10.35	10.30	0.93	-1.35	10.26

RUN	POINT	Harmonics															
52	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.52	-11.38	-227.84	26.16	-182.22	17.32	7.93	5.00	-11.13	10.45	-5.10	20.56	-0.52	0.11	-23.03	-10.52
MRBLD1FB180_SIN		0.00	-141.24	-9.65	80.22	-118.05	-43.83	-6.15	-28.85	-24.75	-9.16	35.60	-3.53	6.23	-2.70	4.17	-15.71
MRBLD1TOR51_COS		-1380.84	41.51	-24.67	1.81	-248.85	97.40	8.90	9.77	-0.04	-0.77	-3.88	5.84	-7.95	0.79	-7.17	2.89
MRBLD1TOR51_SIN		0.00	-29.28	-8.51	58.88	-80.13	-43.17	-43.54	6.48	3.98	-3.10	-1.00	0.71	0.85	0.16	-4.09	-7.47
MRBLD1TOR71_COS		-238.55	48.31	-32.44	-1.55	-240.85	85.83	14.51	6.89	-0.39	-2.60	-6.34	4.91	-8.70	1.51	-2.76	1.85
MRBLD1TOR71_SIN		0.00	-30.52	-11.88	46.24	-102.58	-35.48	-39.92	8.59	5.50	-2.45	2.95	1.71	2.17	1.35	-2.14	-3.86
MRBLD1TOR130_COS		-5.05	44.18	-10.30	2.47	-238.06	63.71	13.75	4.71	-1.49	-1.25	4.35	0.82	0.38	-0.97	0.57	-2.84
MRBLD1TOR130_SIN		0.00	-24.24	-5.65	42.50	-101.76	-28.84	-28.69	7.74	3.96	-0.46	3.52	1.57	-0.27	-0.80	-0.92	3.31
MRBLD1TOR164_COS		-206.14	30.95	51.26	3.32	-137.48	32.85	0.20	-3.30	-0.43	4.29	1.11	2.09	4.95	-0.43	-1.01	-2.25
MRBLD1TOR164_SIN		0.00	-6.68	5.92	9.10	-25.07	-21.49	-8.50	5.59	1.52	1.40	5.81	2.19	2.81	-0.32	-2.40	0.27
MRFBM1CB26P5_COS		-4751.13	-571.37	-71.77	54.65	12.41	8.11	-8.30	5.10	3.97	-3.62	4.74	-0.70	2.90	-0.57	-2.11	3.73
MRFBM1CB26P5_SIN		0.00	-167.18	-4.38	-12.70	-47.93	-28.58	-36.34	-0.12	-1.39	-3.50	-2.77	-0.70	-0.50	-1.85	-3.16	-3.82
MRFBM1FB9_COS		310.02	-31.28	200.95	9.11	-27.30	-8.55	14.81	-1.60	-0.15	-1.55	-4.22	-0.72	-2.36	-0.62	0.75	-1.30
MRFBM1FB9_SIN		0.00	31.31	78.67	-33.03	-80.33	4.09	2.18	0.62	1.22	-0.39	0.68	0.37	-0.39	0.80	2.29	1.81
MRFBM1TOR26P5_COS		-364.68	95.76	-0.22	0.04	-4.66	1.17	-0.78	0.18	-0.04	-0.02	-0.33	0.04	-0.10	0.00	-0.04	0.04
MRFBM1TOR26P5_SIN		0.00	-67.98	-0.47	0.62	-1.82	-0.53	-0.51	0.12	0.05	0.20	-0.13	0.01	0.06	0.05	0.11	0.01

RUN	POINT	Harmonics															
52	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1101.83	-1268.89	-143.98	113.91	19.75	43.87	-57.10	19.16	4.60	16.23	19.56	-13.77	25.82	-0.90	-29.73	-0.16
MRPC1CB33P25_SIN		0.00	-230.68	-35.71	-37.75	160.78	-82.19	-44.16	6.86	-29.44	3.28	-44.49	-10.96	-25.45	-15.62	-28.20	-29.87
MRPC1FB33P25_COS		2262.17	40.84	-355.71	-8.06	346.47	87.16	-0.93	17.60	-13.66	8.83	110.89	14.46	47.83	3.09	-59.80	19.26
MRPC1FB33P25_SIN		0.00	145.71	-166.03	104.31	500.69	-69.95	17.87	-22.07	-6.29	-37.95	-38.82	-9.09	-18.01	-20.03	-53.70	-65.35
MRPC1TOR25P5_COS		-803.87	-33.47	19.38	-9.20	275.18	-113.26	-14.59	-15.36	-2.75	3.55	10.70	-8.59	12.88	-0.94	3.63	-2.70
MRPC1TOR25P5_SIN		0.00	91.52	-39.62	-57.05	132.48	42.00	46.04	-5.09	-10.84	1.71	-0.15	-1.46	-6.19	-1.99	-6.58	1.80
MRPLK1LOAD_COS		-91.29	11.02	2.73	0.10	35.38	-15.15	-1.32	-1.89	-0.12	0.66	1.99	-1.13	1.69	0.03	1.18	-0.74
MRPLK1LOAD_SIN		0.00	-15.08	-1.07	-8.55	15.56	6.85	5.72	-0.79	-1.29	-0.06	0.83	-0.08	-0.90	-0.44	-1.49	0.28
PITCHRH_COS		10333.71	-8572.47	-383.44	6.91	-189.08	2635.14	-215.62	115.79	50.51	-158.98	148.58	79.17	47.81	68.07	113.52	-349.07
PITCHRH_SIN		0.00	2254.97	-482.43	-4.02	-32.42	-573.98	79.52	109.84	-59.64	-248.74	-503.96	-5.96	26.66	-22.92	8.58	-272.33
ROLLRH_COS		4.16	-1795.08	422.67	-50.86	-356.14	-1768.57	-140.23	-125.71	156.88	177.19	101.82	-45.21	-33.61	-35.41	170.93	-257.78
ROLLRH_SIN		0.00	-8381.92	-601.65	-59.39	380.37	4053.89	-187.26	-59.37	24.88	-125.35	-1.97	71.68	-25.66	50.46	-125.15	-335.67
TORQ_COS		30832.26	492.84	-1.11	12.47	26.01	-33.53	5.91	-21.98	-33.22	1.73	14.95	3.61	1.83	-1.08	-6.88	7.65
TORQ_SIN		0.00	485.87	-11.74	6.70	-14.89	71.88	13.10	-0.70	13.36	-7.41	0.68	6.02	-8.69	8.48	-12.72	50.97
THRUST_COS		5767.13	-66.18	9.23	-0.19	-1.78	-101.67	2.71	2.40	1.12	2.84	-33.40	-3.23	-0.23	-0.72	3.12	-9.60
THRUST_SIN		0.00	-9.36	9.03	4.80	10.52	55.64	2.96	5.99	-1.72	5.64	26.23	-10.79	-8.78	-2.66	6.40	34.16

RUN	POINT	Harmonics															
52	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.93	-19.08	-12.61	5.31	-9.93	-126.00	14.76	2.14	-4.96	-9.69	-6.25	3.38	1.16	1.09	-5.60	7.92
SIDERH_SIN		0.00	197.24	12.47	-3.12	-103.08	-395.94	12.22	6.08	2.21	4.97	-2.05	-0.67	0.37	-1.37	4.06	10.39
DRAGRH_COS		-219.18	225.93	8.20	-1.36	-0.58	406.45	-2.26	10.37	-6.76	7.28	-28.55	-2.07	-4.42	-2.30	-5.48	14.24
DRAGRH_SIN		0.00	-46.35	14.35	3.78	30.33	233.23	-3.84	-7.05	-2.38	19.54	28.40	-3.72	1.67	2.06	0.18	13.14

RUN	POINT	Harmonics															
52	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.67	0.00	0.00	0.02	-0.04	-0.02	0.00	0.00	0.10	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.33	0.00	0.00	0.02	0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.11	1.56	1.54	-4.95	10.01	0.03	-0.06	0.34	-0.41	-0.58	-0.33	-0.01	2.35	0.03	-0.06	-0.22
ACT1FORCE_SIN		0.00	10.46	2.13	0.23	-0.18	2.15	-0.25	0.34	0.14	0.23	0.00	0.27	1.02	0.41	0.32	0.41
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		342.34	-17.73	-8.84	31.80	27.70	-1.26	3.59	-0.07	-0.25	-0.16	-0.09	-0.19	-0.31	-0.11	0.09	0.01
FA1IBVOLTAGE_SIN		0.00	-59.60	-12.62	-2.20	-280.77	-9.13	5.14	0.18	0.47	0.03	-0.15	-0.02	0.65	0.06	-0.15	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.70	17.88	8.96	-31.72	-26.49	1.29	-3.61	-0.16	-0.13	0.14	0.07	0.18	0.26	0.07	-0.10	0.01
FA1OBVOLTAGE_SIN		0.00	59.66	12.68	2.20	281.72	9.48	-5.02	-0.20	0.43	0.04	0.10	-0.01	-0.62	-0.07	0.14	-0.02
MRBLD1CB42P75_COS		-4008.95	-1398.87	-53.34	107.17	138.24	-71.77	-76.47	-97.53	-14.37	-3.89	12.34	7.81	-32.63	-4.72	-43.68	4.51
MRBLD1CB42P75_SIN		0.00	-263.44	-121.72	172.54	162.71	-103.66	41.54	43.26	46.63	11.81	-19.03	-13.88	-19.30	-39.10	-32.14	-29.70

RUN	POINT	Harmonics															
52	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2775.27	-718.76	315.58	28.59	199.02	-51.68	4.56	-72.05	-29.79	0.71	38.30	4.76	-20.16	-0.46	-33.36	-6.20
MRBLD1CB70_SIN		0.00	-153.61	-109.83	138.70	364.12	-37.54	59.61	65.61	54.39	9.89	-6.99	-12.40	-8.13	-19.26	-22.22	-25.89
MRBLD1CB120_COS		-569.18	-219.69	466.11	22.82	246.97	8.08	149.37	-37.84	-11.46	-2.10	4.70	11.17	20.59	-1.98	4.96	6.11
MRBLD1CB120_SIN		0.00	-12.38	-126.31	62.23	316.33	31.38	85.02	56.51	-15.58	7.69	16.50	12.95	6.16	14.18	0.73	-6.20
MRBLD1CB164_COS		-1992.95	-70.82	152.04	-35.63	113.02	-4.28	88.09	22.37	9.17	1.74	-14.41	13.81	21.00	-4.92	10.67	-3.41
MRBLD1CB164_SIN		0.00	39.00	-36.04	33.35	104.35	60.79	43.23	7.10	-28.33	1.99	8.51	14.32	10.03	9.09	17.58	23.14
MRBLD1FB42P75_COS		3088.56	112.05	-509.05	266.43	423.24	-7.87	42.40	-215.01	12.81	17.30	-10.08	54.96	-21.44	-36.69	-90.06	-36.89
MRBLD1FB42P75_SIN		0.00	11.64	-102.08	450.61	-373.79	-84.11	43.39	183.78	-29.52	4.92	-6.88	-21.19	-15.59	-26.99	28.82	-59.61
MRBLD1FB70_COS		399.11	-82.24	-265.22	42.49	120.79	-10.18	11.87	-31.46	3.48	-0.95	-2.11	-5.40	1.63	5.66	18.32	8.06
MRBLD1FB70_SIN		0.00	-146.36	-33.58	140.49	-112.84	-28.66	18.31	34.19	1.63	3.82	1.69	1.55	1.59	3.55	-3.92	13.59
MRBLD1FB87_COS		-85.20	-43.03	-212.85	-7.38	36.28	-13.45	-4.46	18.78	1.86	1.68	7.40	-7.55	7.66	7.86	18.89	5.73
MRBLD1FB87_SIN		0.00	-133.59	7.26	102.41	-45.77	1.94	2.24	-20.14	-2.81	-2.52	3.51	6.38	4.39	8.24	-4.88	13.39
MRBLD1FB120_COS		-457.76	-35.01	-297.33	-31.51	-28.96	5.99	-11.18	45.03	-3.92	0.97	-2.48	1.48	-6.29	-6.06	-26.46	-8.74
MRBLD1FB120_SIN		0.00	-145.61	20.28	141.87	8.26	53.41	-6.47	-41.63	6.22	-4.39	-8.45	-5.28	-3.31	-11.42	4.67	-20.68
MRBLD1FB164_COS		-92.17	-6.92	-430.16	93.00	-204.56	25.92	43.38	-68.67	8.50	5.67	4.53	0.24	12.49	5.23	13.90	6.38
MRBLD1FB164_SIN		0.00	-191.60	-12.31	186.91	300.90	-26.44	-26.43	44.48	-7.48	12.01	10.77	6.32	2.82	5.21	-0.98	16.76

RUN	POINT	Harmonics															
52	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.03	-5.40	-254.90	83.62	-105.90	0.97	32.98	-64.28	4.15	8.68	20.16	-11.82	10.27	-0.90	-28.81	-8.01
MRBLD1FB180_SIN		0.00	-126.40	-20.21	87.36	233.35	-45.34	-18.53	42.43	-17.62	-15.44	-5.47	-1.25	-7.90	-3.93	6.81	-26.43
MRBLD1TOR51_COS		-1382.65	41.80	-35.71	68.18	-209.86	-2.03	-16.33	-8.21	4.38	-2.89	3.75	0.87	16.85	2.87	-9.98	0.03
MRBLD1TOR51_SIN		0.00	-33.97	-19.34	97.09	167.01	-109.18	-25.68	55.70	19.04	-0.11	-3.22	-6.56	3.17	5.76	-1.87	-5.00
MRBLD1TOR71_COS		-241.37	48.85	-40.94	55.12	-212.56	0.07	-14.17	1.85	1.67	-4.28	1.62	-0.53	14.49	2.62	-3.25	0.22
MRBLD1TOR71_SIN		0.00	-36.62	-19.23	63.70	152.37	-96.17	-26.74	49.28	16.56	-0.56	-2.04	-5.08	4.66	6.62	-0.02	-2.53
MRBLD1TOR130_COS		-6.56	43.82	-15.78	50.72	-205.14	-9.27	-11.50	-4.75	1.45	-4.79	-2.22	1.50	-0.38	-1.56	2.66	-1.83
MRBLD1TOR130_SIN		0.00	-28.29	-13.20	40.32	167.39	-74.27	-22.07	38.44	13.07	4.42	1.75	1.71	-0.91	-1.74	0.64	1.79
MRBLD1TOR164_COS		-206.43	29.64	53.72	25.46	-94.43	-16.16	-13.43	-4.37	0.64	2.12	3.99	0.31	-6.98	-1.83	-0.40	3.18
MRBLD1TOR164_SIN		0.00	-8.72	0.74	-8.70	88.07	-43.31	-5.59	18.92	3.06	-0.70	3.30	2.98	-2.13	-3.70	-3.64	-2.83
MRFBM1CB26P5_COS		-4747.42	-601.71	-72.61	72.46	-23.93	-12.79	-20.97	-9.03	3.79	-1.26	-6.74	2.29	0.53	-0.95	-2.05	5.04
MRFBM1CB26P5_SIN		0.00	-167.81	-22.31	16.70	-41.25	-31.42	-0.64	-6.30	-5.75	0.79	-3.50	1.13	-1.78	-2.86	-3.16	-2.57
MRFBM1FB9_COS		312.21	-18.18	220.72	-18.06	-57.96	-1.12	6.73	15.28	-0.35	-0.73	-1.56	-1.58	-0.22	-1.12	1.14	-1.63
MRFBM1FB9_SIN		0.00	25.16	85.54	-138.37	8.86	5.25	-12.44	0.21	-1.14	-0.76	-0.39	-0.42	1.12	1.56	2.79	1.39
MRFBM1TOR26P5_COS		-364.79	95.93	-0.39	0.29	-3.72	0.10	-0.59	0.41	-0.14	0.10	0.04	-0.01	0.12	0.06	-0.16	0.00
MRFBM1TOR26P5_SIN		0.00	-68.01	-0.46	0.64	2.65	-0.99	0.07	0.41	0.17	-0.05	0.02	-0.11	0.04	0.11	0.09	0.06

RUN	POINT	Harmonics															
52	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1098.96	-1324.69	-152.06	162.93	93.92	-56.78	-52.19	-91.08	3.86	-1.76	-2.33	13.51	-18.64	-4.51	-38.71	10.22
MRPC1CB33P25_SIN		0.00	-225.96	-93.72	147.51	12.52	-94.03	37.93	26.04	16.10	8.48	-14.77	-4.43	-14.86	-30.34	-27.36	-30.40
MRPC1FB33P25_COS		2255.26	59.86	-384.95	133.88	446.18	10.81	24.68	-236.95	19.94	11.64	3.09	54.71	-7.17	-3.50	-78.74	32.44
MRPC1FB33P25_SIN		0.00	125.03	-153.35	422.81	-205.71	-64.32	43.75	58.31	-16.31	12.62	-10.18	22.81	-24.72	-46.91	-60.05	-67.09
MRPC1TOR25P5_COS		-803.36	-32.59	32.62	-86.86	259.38	-11.60	10.26	-3.02	-7.34	-1.82	-3.17	1.99	-26.56	-5.20	7.49	3.15
MRPC1TOR25P5_SIN		0.00	94.73	-25.50	-83.20	-164.94	118.17	28.46	-56.79	-18.56	0.41	2.92	10.07	-5.47	-14.22	-6.90	-3.34
MRPLK1LOAD_COS		-91.32	10.82	4.35	-9.99	32.45	-0.61	1.42	-0.28	-0.73	0.06	-0.59	0.41	-3.68	-0.68	2.34	0.21
MRPLK1LOAD_SIN		0.00	-14.56	0.41	-12.07	-21.83	16.30	3.67	-8.18	-2.79	0.32	0.39	1.17	-0.71	-2.12	-1.00	-0.66
PITCHRH_COS		10097.05	-8576.80	-388.70	-30.74	-206.19	217.06	55.67	88.21	-63.70	-63.94	295.05	-67.09	-8.17	-31.47	-44.42	-314.43
PITCHRH_SIN		0.00	2279.69	-492.14	-31.93	76.61	-2902.87	328.23	-140.11	-12.70	144.21	-71.39	-87.54	-17.61	-67.00	20.33	-230.25
ROLLRH_COS		60.56	-1767.03	424.36	-104.92	-22.80	2995.47	-122.22	-227.14	215.89	-174.56	218.10	80.82	70.74	-80.44	-80.16	-14.56
ROLLRH_SIN		0.00	-8407.68	-590.10	-39.13	353.98	2476.67	-105.98	119.07	-78.36	-83.83	-103.29	-16.81	88.75	-62.72	67.76	-539.69
TORQ_COS		30855.90	487.44	-4.75	1.53	-40.08	109.77	8.36	-10.97	1.57	2.38	36.03	1.04	1.94	0.33	-10.10	-3.64
TORQ_SIN		0.00	475.68	-18.51	-5.83	-56.58	172.93	-1.01	39.29	11.47	-7.28	4.23	6.39	-8.23	6.67	-7.03	33.70
THRUST_COS		5778.91	-66.38	12.99	0.13	2.38	-4.81	0.39	4.66	-1.89	-3.07	-10.73	0.05	-4.76	3.16	2.42	-3.71
THRUST_SIN		0.00	-16.74	6.90	5.60	14.24	80.92	2.02	13.15	3.97	0.94	13.02	2.21	2.31	1.80	1.07	28.28

RUN	POINT	Harmonics															
52	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.18	-20.17	-12.40	0.85	-46.03	-363.23	9.83	10.12	-4.87	6.97	-7.24	-4.11	-2.79	2.54	2.26	1.48
SIDERH_SIN		0.00	207.32	12.38	-10.96	-79.80	-28.63	0.02	0.19	2.64	5.28	4.66	0.51	-3.67	1.80	-2.33	15.27
DRAGRH_COS		-222.27	227.77	7.75	3.34	2.88	360.63	1.68	-2.26	7.36	6.43	-4.96	4.15	0.95	1.25	3.11	14.06
DRAGRH_SIN		0.00	-47.49	16.79	0.89	8.87	-210.03	-18.69	-10.21	6.15	-12.32	30.83	7.19	2.79	2.15	-2.03	8.14

RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	-0.07	0.00	0.00	0.04	-0.04	-0.02	0.00	0.01	0.01	-0.01	0.02	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.48	0.00	0.00	0.01	0.03	0.00	0.00	0.01	-0.08	0.02	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-18.93	1.34	1.63	-5.59	8.21	1.78	0.12	0.92	-1.00	-0.40	-0.15	0.22	0.80	-0.14	0.37	0.34
ACT1FORCE_SIN		0.00	10.43	1.99	0.71	-6.87	1.43	0.01	0.34	0.07	0.01	0.08	0.28	-1.76	0.37	-0.04	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		337.75	-15.43	-9.86	35.33	-112.52	-10.36	5.39	0.09	0.22	-0.02	-0.04	-0.04	0.73	-0.09	0.07	-0.07
FA1IBVOLTAGE_SIN		0.00	-59.34	-14.14	-6.55	-245.99	-5.31	0.83	-0.01	0.52	-0.03	-0.08	0.04	0.17	0.03	0.16	0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.03	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		468.25	15.53	9.99	-35.35	113.98	10.53	-5.31	-0.30	0.32	0.12	0.01	0.02	-0.69	0.08	-0.08	0.04
FA1OBVOLTAGE_SIN		0.00	59.41	14.16	6.54	246.16	5.52	-0.73	0.11	0.18	0.05	0.10	-0.04	-0.13	-0.01	-0.16	-0.09
MRBLD1CB42P75_COS		-3963.92	-1649.51	-63.69	161.97	188.62	-142.81	-62.11	-171.06	71.63	-31.42	-7.05	17.61	4.11	-4.51	-37.07	-2.56
MRBLD1CB42P75_SIN		0.00	-413.05	-147.21	260.37	-10.11	-82.61	77.36	3.07	66.52	57.54	-26.16	-26.92	25.93	-27.70	-30.26	-38.25

RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2806.20	-877.49	293.11	70.29	318.23	-119.21	15.67	-112.91	44.11	-27.86	23.87	11.32	3.79	5.62	-24.57	-11.85
MRBLD1CB70_SIN		0.00	-238.89	-137.84	231.48	164.54	-37.31	8.36	27.77	71.71	48.05	-6.22	-21.34	20.04	-16.32	-20.63	-26.66
MRBLD1CB120_COS		-549.75	-285.88	449.80	57.45	315.89	-21.84	176.55	-35.38	-52.66	13.20	12.65	9.45	2.57	1.60	3.16	5.77
MRBLD1CB120_SIN		0.00	-36.41	-149.21	128.50	97.51	24.63	-52.27	46.71	-25.67	-8.01	28.49	21.22	-15.77	8.70	1.73	-1.09
MRBLD1CB164_COS		-1992.53	-87.88	155.36	-20.73	117.86	5.89	109.20	48.62	-48.25	26.84	-5.19	8.50	7.31	-7.03	8.08	0.92
MRBLD1CB164_SIN		0.00	32.11	-39.65	54.63	-12.74	55.44	-33.42	16.33	-49.02	-20.97	15.62	20.50	-13.79	7.13	12.68	21.05
MRBLD1FB42P75_COS		3074.38	180.42	-499.96	413.47	41.39	-20.02	47.36	-351.16	-11.60	40.06	-10.01	69.18	24.78	-23.24	-68.41	-43.56
MRBLD1FB42P75_SIN		0.00	26.98	-88.95	501.05	-758.39	-22.31	53.79	203.90	-44.00	4.06	-9.96	-40.07	-8.16	-19.48	26.63	-54.74
MRBLD1FB70_COS		396.08	-79.44	-256.95	88.26	13.46	-14.70	19.11	-58.06	4.65	0.84	-2.59	-6.01	-2.69	3.43	13.94	8.70
MRBLD1FB70_SIN		0.00	-156.16	-23.89	166.34	-241.69	-10.84	20.77	37.89	-1.16	7.29	2.74	2.72	0.77	3.28	-3.92	12.54
MRBLD1FB87_COS		-90.42	-39.15	-202.05	12.78	-13.56	-11.12	-1.68	29.83	1.82	-2.19	7.54	-10.68	-5.46	4.96	14.25	8.39
MRBLD1FB87_SIN		0.00	-142.37	18.28	118.81	-101.27	2.29	1.26	-20.63	-0.56	-3.97	4.12	11.25	2.18	6.05	-4.24	12.64
MRBLD1FB120_COS		-466.26	-28.76	-289.76	-13.88	-28.64	24.33	-13.70	81.70	-3.81	-0.69	-1.13	5.52	5.65	-3.78	-19.39	-11.51
MRBLD1FB120_SIN		0.00	-154.62	33.61	155.96	28.39	34.78	-7.61	-47.60	8.20	-7.73	-10.40	-8.65	-1.34	-9.85	4.07	-19.45
MRBLD1FB164_COS		-100.15	1.84	-443.71	125.28	12.17	27.30	43.94	-113.94	7.64	4.85	1.13	-6.92	1.19	5.84	10.23	6.84
MRBLD1FB164_SIN		0.00	-190.76	-0.82	168.88	506.04	-29.80	-26.87	56.63	-6.23	16.94	14.33	6.75	-1.65	4.69	-0.81	17.49

RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.80	-3.97	-265.46	99.67	54.95	-1.69	33.38	-105.58	1.22	3.94	18.65	-20.24	-10.03	2.09	-16.79	-9.66
MRBLD1FB180_SIN		0.00	-122.47	-12.96	66.94	359.49	-33.29	-26.38	54.38	-17.34	-15.07	-2.46	6.93	-13.89	-8.89	4.67	-25.47
MRBLD1TOR51_COS		-1384.79	37.87	-38.40	97.68	-110.09	-67.99	-25.40	-26.35	3.79	-5.08	5.05	-2.02	2.30	3.66	-2.18	6.55
MRBLD1TOR51_SIN		0.00	-39.37	-19.45	93.96	229.01	-99.61	1.02	56.41	21.82	0.11	-6.29	-3.14	-10.10	1.42	-2.87	-5.72
MRBLD1TOR71_COS		-243.68	48.25	-42.21	76.63	-113.87	-57.64	-25.37	-9.20	-0.51	-5.62	3.22	-3.55	1.51	3.16	1.02	4.72
MRBLD1TOR71_SIN		0.00	-40.49	-18.49	55.03	227.71	-89.45	-2.10	52.94	19.50	-1.24	-3.90	-1.41	-8.19	2.78	-1.91	-2.76
MRBLD1TOR130_COS		-8.67	43.07	-16.97	65.25	-99.08	-55.60	-23.03	-16.19	1.66	-5.53	-2.24	2.35	-0.10	-1.83	-1.42	-5.40
MRBLD1TOR130_SIN		0.00	-31.78	-14.08	25.93	253.06	-67.17	-4.23	40.75	14.29	6.99	0.98	3.67	0.87	-0.40	-1.19	1.51
MRBLD1TOR164_COS		-206.08	27.41	54.47	29.13	-38.66	-44.48	-22.51	-7.91	1.98	2.46	2.20	-0.62	-2.60	-0.54	-3.89	-3.18
MRBLD1TOR164_SIN		0.00	-10.69	-2.65	-20.39	106.31	-33.44	2.01	20.11	1.29	1.53	4.14	4.12	5.06	-2.12	-2.02	-1.44
MRFBM1CB26P5_COS		-4720.81	-728.66	-73.33	82.62	-36.01	-21.40	-15.91	-19.85	5.77	0.64	-6.69	3.10	1.77	-1.69	-2.66	4.90
MRFBM1CB26P5_SIN		0.00	-252.25	-30.56	28.26	-27.51	-25.43	21.56	-6.83	-3.57	0.14	-5.54	0.95	-0.91	-1.23	-2.31	-3.12
MRFBM1FB9_COS		298.34	87.46	217.15	-47.71	-38.52	2.64	-0.72	21.92	-1.63	0.21	-1.30	-2.13	-0.49	-0.72	0.85	-1.75
MRFBM1FB9_SIN		0.00	33.21	82.71	-166.74	68.84	1.67	-17.08	5.46	-0.93	-1.66	-0.04	-0.41	-1.27	0.97	2.11	1.71
MRFBM1TOR26P5_COS		-364.77	96.87	-0.41	0.37	-1.69	-0.57	-0.15	0.36	-0.11	-0.03	0.03	-0.06	-0.08	0.01	0.00	0.09
MRFBM1TOR26P5_SIN		0.00	-67.35	-0.27	0.71	3.95	-0.75	0.49	0.11	0.37	-0.13	-0.05	-0.21	-0.02	0.02	0.16	0.02

RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1073.38	-1537.83	-157.35	215.77	77.06	-105.32	-31.23	-157.79	49.91	-11.48	-14.84	21.66	6.60	-3.43	-32.54	3.83
MRPC1CB33P25_SIN		0.00	-346.61	-114.90	207.52	-116.42	-61.20	76.84	3.46	19.86	35.44	-19.26	-11.26	15.47	-19.47	-23.14	-36.33
MRPC1FB33P25_COS		2240.17	123.85	-381.29	244.51	219.29	-13.79	22.49	-352.60	12.82	29.63	3.22	76.13	23.03	-0.84	-65.06	22.45
MRPC1FB33P25_SIN		0.00	146.27	-138.58	491.72	-614.33	-17.32	48.65	18.03	-37.15	25.65	-11.88	16.11	15.68	-30.65	-42.17	-70.03
MRPC1TOR25P5_COS		-801.38	-20.46	31.33	-116.76	151.95	58.24	17.64	13.36	-0.62	0.56	-5.79	7.58	-2.56	-6.20	-5.51	-10.41
MRPC1TOR25P5_SIN		0.00	102.91	-22.75	-73.26	-258.36	112.79	-1.36	-62.23	-22.78	6.63	5.25	5.14	16.08	-6.30	-6.22	-3.10
MRPLK1LOAD_COS		-90.89	10.72	4.81	-14.05	18.75	9.01	2.08	2.11	-0.24	0.65	-1.09	1.09	-0.24	-0.72	-0.02	-1.94
MRPLK1LOAD_SIN		0.00	-14.09	0.34	-10.84	-32.80	14.78	0.03	-8.25	-3.50	1.05	0.89	0.96	2.02	-0.88	-1.41	-0.50
PITCHRH_COS		8299.36	-8590.95	-428.72	-67.09	-163.73	-1829.81	105.28	-21.99	82.66	35.77	583.55	-51.44	-22.07	-117.28	111.40	-410.43
PITCHRH_SIN		0.00	2217.85	-469.37	-58.53	120.91	-3261.23	261.21	-142.11	23.60	123.48	-35.33	9.51	-59.50	-4.07	18.16	-74.41
ROLLRH_COS		-130.61	-1725.76	432.85	-103.77	17.99	4950.97	-127.54	31.47	124.30	-124.02	86.94	62.58	16.78	-58.24	72.90	-273.81
ROLLRH_SIN		0.00	-8443.04	-599.65	-40.58	223.67	-10.97	-40.29	231.13	-116.99	179.45	-98.60	-94.59	65.83	-28.86	96.86	-437.11
TORQ_COS		31425.26	502.89	-2.44	2.86	-64.79	222.34	5.76	17.24	-21.92	5.30	40.49	-2.08	4.26	2.50	-11.23	-7.88
TORQ_SIN		0.00	406.36	-24.87	-17.51	-20.61	199.74	-4.27	35.59	-12.02	-4.69	18.20	5.89	-0.86	4.60	-8.59	58.93
THRUST_COS		5733.32	-67.55	9.01	-3.30	8.40	50.23	-2.19	3.90	-0.80	-1.19	-10.59	3.80	5.31	2.98	1.33	-11.44
THRUST_SIN		0.00	-18.43	6.01	4.45	8.38	45.73	2.91	11.51	4.91	2.16	14.81	5.60	4.58	-2.24	-1.66	40.32

RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.43	-16.05	-11.42	-2.94	-38.36	-352.28	6.71	4.22	-3.79	7.73	0.18	-3.38	-1.56	1.04	-2.17	8.40
SIDERH_SIN		0.00	208.78	12.43	-8.77	-49.68	238.32	0.31	-8.29	5.90	-7.58	2.27	3.76	-2.17	0.35	-2.65	13.62
DRAGRH_COS		-235.68	228.00	8.11	3.02	-0.53	163.97	10.29	-14.88	4.10	-2.74	-6.32	8.01	-0.60	3.85	-5.24	17.26
DRAGRH_SIN		0.00	-46.84	15.41	-1.17	-5.10	-439.84	-29.84	-7.84	-0.45	-10.42	5.78	3.35	2.74	-0.19	-1.82	1.29

RUN	POINT	Harmonics															
52	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-0.81	0.00	0.00	0.06	-0.01	-0.01	0.00	0.00	-0.11	0.00	0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.24	0.00	0.00	0.00	0.06	0.00	-0.02	-0.01	0.00	0.01	-0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.09	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.32	1.47	2.15	-5.75	3.54	2.36	-0.04	1.52	-1.02	-0.18	0.01	0.15	-2.45	-0.04	0.30	0.31
ACT1FORCE_SIN		0.00	10.50	2.11	1.78	-11.35	0.32	0.31	0.12	0.89	-0.26	-0.17	-0.05	-0.61	0.30	-0.18	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.02	-16.88	-14.73	36.80	-221.73	-12.64	6.65	0.17	0.45	-0.02	0.05	0.09	0.04	0.00	0.14	0.06
FA1IBVOLTAGE_SIN		0.00	-59.32	-16.79	-14.08	-147.64	0.19	-4.45	-0.05	0.01	-0.01	0.01	0.13	-0.78	-0.02	0.05	0.13
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.09	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.98	16.97	14.87	-36.89	223.03	12.90	-6.50	-0.24	0.35	0.09	-0.06	-0.08	0.00	0.02	-0.12	-0.06
FA1OBVOLTAGE_SIN		0.00	59.40	16.79	14.09	147.03	-0.11	4.50	0.27	-0.19	-0.08	0.06	-0.11	0.72	0.01	-0.04	-0.10
MRBLD1CB42P75_COS		-3986.18	-1648.71	-99.88	239.89	200.14	-186.38	-28.78	-253.20	146.28	-3.81	-39.16	-6.55	45.34	-12.12	-38.65	-8.83
MRBLD1CB42P75_SIN		0.00	-331.23	-161.56	272.92	-137.91	-24.46	102.11	-28.40	17.84	85.61	-47.38	-29.77	11.90	-14.60	-30.65	-39.43

RUN	POINT	Harmonics															
52	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.11	-871.74	251.56	137.80	377.48	-157.78	29.18	-185.84	108.42	-8.20	5.82	-7.62	32.93	-7.84	-17.46	-15.74
MRBLD1CB70_SIN		0.00	-176.42	-156.84	265.97	-7.89	10.67	-36.48	-8.84	22.91	77.36	-19.29	-22.48	8.71	-9.02	-20.42	-29.57
MRBLD1CB120_COS		-542.13	-282.17	418.92	107.83	334.49	-29.99	165.52	-81.27	-79.39	2.47	38.03	23.16	-17.71	2.03	3.41	8.26
MRBLD1CB120_SIN		0.00	4.53	-172.00	151.41	-72.64	56.62	-175.50	23.44	-4.88	-23.51	43.68	23.35	-8.54	3.79	6.14	-1.45
MRBLD1CB164_COS		-1993.85	-87.24	152.75	2.33	96.61	19.54	104.06	53.99	-97.72	16.68	14.74	22.61	-14.94	0.83	0.17	2.80
MRBLD1CB164_SIN		0.00	42.01	-47.51	63.15	-89.08	55.45	-103.05	12.64	-19.64	-48.96	30.11	22.32	-5.33	2.30	9.55	20.09
MRBLD1FB42P75_COS		3094.36	167.34	-490.64	547.35	-327.84	-11.39	37.25	-514.92	-14.10	46.50	-14.88	70.12	40.46	-11.60	-64.99	-50.49
MRBLD1FB42P75_SIN		0.00	4.64	-75.87	433.11	-872.50	65.05	58.35	246.68	-25.53	-27.27	-18.19	-39.85	-35.75	-3.94	37.92	-48.39
MRBLD1FB70_COS		397.54	-82.32	-251.19	132.26	-93.92	-11.55	23.35	-88.48	6.41	3.23	-4.16	-6.16	-4.64	1.79	13.77	10.63
MRBLD1FB70_SIN		0.00	-160.44	-15.71	147.62	-288.47	12.46	19.84	46.44	-2.99	5.91	3.20	3.93	3.61	0.57	-6.17	11.36
MRBLD1FB87_COS		-92.80	-39.71	-192.75	32.93	-64.65	-8.94	2.60	45.66	1.26	-3.77	10.20	-9.98	-9.32	2.22	12.62	9.45
MRBLD1FB87_SIN		0.00	-146.89	28.94	113.76	-120.48	-0.06	-1.36	-23.08	0.13	0.98	6.24	10.28	10.02	2.37	-6.40	10.85
MRBLD1FB120_COS		-474.80	-27.58	-278.41	7.31	-27.80	29.18	-14.73	122.94	-6.44	-2.48	-1.06	6.68	10.32	-0.77	-16.57	-12.57
MRBLD1FB120_SIN		0.00	-168.38	48.99	158.48	47.39	8.44	-8.59	-60.81	8.00	-6.90	-12.01	-9.20	-9.47	-4.46	7.71	-16.23
MRBLD1FB164_COS		-108.24	1.34	-441.28	145.08	240.01	35.08	32.81	-165.88	12.24	9.07	4.52	-8.51	-1.82	5.96	9.05	9.19
MRBLD1FB164_SIN		0.00	-201.19	20.36	139.46	553.19	-29.00	-21.81	72.85	-5.85	17.53	16.35	6.88	4.84	1.45	-1.73	14.62

RUN	POINT	Harmonics															
52	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.19	-5.34	-266.39	105.10	217.46	8.24	22.31	-149.72	3.91	1.32	27.50	-15.02	-13.97	-0.59	-17.78	-16.38
MRBLD1FB180_SIN		0.00	-128.31	2.06	42.53	368.85	-17.38	-25.32	66.75	-14.59	-8.56	1.85	5.89	2.09	-6.15	7.63	-21.27
MRBLD1TOR51_COS		-1385.67	35.49	-44.02	122.03	21.78	-118.02	-21.78	-55.56	15.34	-4.16	2.53	-0.05	-12.33	0.29	-4.57	7.25
MRBLD1TOR51_SIN		0.00	-41.77	-19.45	67.82	244.92	-55.85	24.38	51.02	22.09	2.90	-6.31	-1.58	1.96	-2.18	-5.72	-10.46
MRBLD1TOR71_COS		-243.93	46.40	-45.61	92.45	17.12	-102.35	-24.41	-28.37	8.55	-6.12	1.61	-1.43	-12.60	0.66	-1.49	4.95
MRBLD1TOR71_SIN		0.00	-44.19	-18.82	30.50	251.03	-53.44	20.47	50.33	20.71	0.45	-2.67	-0.60	1.77	0.52	-4.30	-6.25
MRBLD1TOR130_COS		-9.65	42.30	-20.21	71.78	36.79	-89.35	-24.63	-34.49	8.23	-4.39	-3.64	2.82	0.13	-1.44	-1.31	-6.94
MRBLD1TOR130_SIN		0.00	-35.06	-15.03	3.25	276.00	-36.56	13.97	39.02	14.43	6.33	0.23	3.91	1.36	2.17	-0.12	3.31
MRBLD1TOR164_COS		-206.42	27.13	53.42	26.49	26.29	-63.19	-22.80	-12.49	2.81	2.80	1.32	0.28	6.06	0.50	-2.44	-5.91
MRBLD1TOR164_SIN		0.00	-11.63	-6.48	-32.85	100.29	-12.24	11.41	21.06	0.29	0.92	5.32	4.14	2.39	1.79	1.00	2.09
MRFBM1CB26P5_COS		-4735.37	-734.69	-83.16	94.31	-35.55	-28.17	-8.57	-24.23	10.27	1.39	-9.01	4.04	2.17	0.16	-5.26	4.53
MRFBM1CB26P5_SIN		0.00	-217.40	-37.24	25.20	-12.98	-17.11	37.39	-4.17	-2.39	-1.09	-7.55	0.89	-0.86	0.35	-2.05	-2.87
MRFBM1FB9_COS		310.26	79.01	224.98	-85.70	-9.63	5.84	-7.41	30.90	-2.44	-0.66	-0.96	-1.58	-2.02	-0.08	1.09	-1.24
MRFBM1FB9_SIN		0.00	22.61	80.29	-164.78	100.38	-5.63	-16.72	10.63	-0.61	-2.16	0.94	-0.29	-1.54	0.54	1.92	2.04
MRFBM1TOR26P5_COS		-364.89	96.90	-0.42	0.49	0.76	-1.09	0.32	0.07	0.04	-0.08	0.07	-0.14	-0.15	-0.03	0.06	0.10
MRFBM1TOR26P5_SIN		0.00	-67.91	-0.28	0.55	4.36	-0.26	0.71	-0.07	0.44	-0.02	-0.03	-0.18	0.14	-0.14	0.13	-0.03

RUN	POINT	Harmonics															
52	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1096.48	-1529.51	-186.78	281.12	45.50	-133.88	-3.16	-225.48	89.54	8.08	-33.87	10.08	33.25	-6.46	-35.96	-2.16
MRPC1CB33P25_SIN		0.00	-271.84	-122.93	199.66	-189.20	-8.36	101.37	-12.72	-6.69	45.41	-30.75	-11.87	6.11	-9.36	-20.80	-36.44
MRPC1FB33P25_COS		2253.43	116.41	-374.75	363.94	-59.70	-27.58	9.75	-498.08	7.40	51.14	2.95	75.06	55.46	-5.80	-72.07	12.42
MRPC1FB33P25_SIN		0.00	130.57	-127.06	463.25	-795.78	54.10	45.17	-14.20	-27.93	7.06	-19.94	16.41	5.68	-9.69	-33.28	-73.18
MRPC1TOR25P5_COS		-800.62	-20.24	39.69	-140.49	0.45	112.58	12.15	37.58	-9.94	3.80	-6.32	3.68	20.84	-3.21	-4.42	-14.39
MRPC1TOR25P5_SIN		0.00	104.90	-22.16	-41.17	-293.57	70.20	-26.30	-59.80	-27.23	5.22	3.85	1.95	-2.44	4.30	-2.17	3.07
MRPLK1LOAD_COS		-90.85	10.82	5.64	-17.04	-0.55	16.28	1.24	6.36	-1.88	0.96	-1.25	0.77	2.51	-0.14	-0.06	-2.79
MRPLK1LOAD_SIN		0.00	-13.58	0.22	-6.54	-36.72	8.39	-3.05	-7.76	-3.81	0.31	0.83	0.47	-0.82	0.95	-0.80	0.53
PITCHRH_COS		8369.45	-8628.50	-476.58	-110.28	-28.62	-3166.09	156.17	-4.83	180.98	12.61	661.09	-6.47	-46.46	-58.26	65.95	-383.60
PITCHRH_SIN		0.00	2181.52	-432.31	-19.76	89.49	-2527.20	188.55	-138.77	-105.78	27.28	-259.15	122.60	-45.44	30.91	-77.44	-119.59
ROLLRH_COS		76.13	-1717.65	398.67	-100.99	-7.72	5183.16	-70.15	110.66	85.93	36.12	75.66	-109.77	163.74	-105.98	178.69	-474.21
ROLLRH_SIN		0.00	-8469.03	-606.25	-15.95	119.17	-2131.82	26.71	112.03	-99.93	101.79	31.38	-145.85	85.10	-0.10	-106.39	-330.14
TORQ_COS		31117.50	482.01	1.34	-12.96	-125.79	307.48	-5.63	6.80	-63.50	1.27	54.29	-5.69	7.63	-2.95	-12.11	4.74
TORQ_SIN		0.00	457.64	-13.08	-10.01	22.47	170.31	-11.77	23.73	-8.43	-9.85	26.08	5.91	-6.64	5.17	-14.42	55.64
THRUST_COS		5770.12	-68.98	7.03	-5.66	17.10	79.70	-0.42	0.54	1.37	-1.86	-11.58	12.90	-0.72	-5.16	-8.56	-14.41
THRUST_SIN		0.00	-17.65	6.34	5.86	5.40	-14.78	5.10	13.43	3.99	3.44	21.54	-3.23	-6.31	0.27	-3.99	37.65

RUN	POINT	Harmonics															
52	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.87	-13.87	-10.79	-4.99	-35.98	-248.40	4.49	0.12	-2.40	0.80	-1.15	2.44	-5.45	2.17	-5.27	15.52
SIDERH_SIN		0.00	204.59	13.00	-5.75	-39.60	407.44	-1.64	-5.41	7.06	-7.37	-6.20	7.91	-2.11	0.24	3.06	11.00
DRAGRH_COS		-234.80	228.02	9.44	1.57	-17.29	-72.18	8.99	-10.86	-5.40	0.96	-18.14	11.15	-0.61	2.66	-4.21	16.70
DRAGRH_SIN		0.00	-46.61	14.68	-4.92	-7.38	-523.37	-32.91	-4.86	-1.53	-0.75	-1.74	-5.52	3.35	0.77	2.53	4.33

RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-1.33	0.00	0.00	0.05	0.03	0.00	0.00	-0.01	-0.01	0.00	-0.02	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.67	0.00	0.00	-0.03	0.03	-0.01	-0.01	0.01	0.11	0.00	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.15	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-19.51	1.80	1.47	-5.52	-2.86	2.39	0.08	1.33	-0.40	-0.09	0.16	0.02	-0.96	-0.01	-0.29	-0.15
ACT1FORCE_SIN		0.00	10.63	2.11	2.49	-13.23	-1.08	0.20	-0.60	0.94	-0.21	-0.19	0.26	2.70	0.11	0.15	-0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.77	-17.75	-13.19	35.74	-263.08	-10.85	2.89	0.05	0.25	0.00	0.05	0.03	-0.79	-0.07	0.02	0.10
FA1IBVOLTAGE_SIN		0.00	-60.22	-17.51	-17.46	-4.53	8.92	-6.82	-0.23	-0.39	-0.06	-0.01	-0.08	-0.09	0.06	-0.14	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.12	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.22	17.85	13.30	-35.91	263.83	11.10	-2.77	0.01	-0.07	-0.07	0.00	-0.01	0.74	0.06	-0.02	-0.08
FA1OBVOLTAGE_SIN		0.00	60.33	17.51	17.53	3.35	-9.01	6.79	0.41	-0.40	-0.03	0.03	0.09	0.06	-0.08	0.11	0.04
MRBLD1CB42P75_COS		-3986.22	-1609.56	-81.11	312.80	127.72	-196.66	5.49	-287.91	152.39	45.49	-0.95	-53.93	9.12	-14.18	-23.25	-11.60
MRBLD1CB42P75_SIN		0.00	-288.48	-148.13	237.25	-256.12	51.02	104.32	37.73	-63.80	92.04	6.48	9.64	-39.17	-22.03	-31.08	-21.82

RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2798.98	-842.53	236.29	215.75	314.21	-149.16	1.81	-223.58	112.07	36.54	45.05	-29.78	7.37	-12.16	-14.16	-17.68
MRBLD1CB70_SIN		0.00	-153.46	-154.03	252.11	-194.87	72.19	-83.18	38.34	-52.63	88.60	1.99	10.82	-28.09	-6.16	-22.62	-18.57
MRBLD1CB120_COS		-524.50	-268.55	393.95	170.81	243.73	2.55	77.15	-98.23	-65.34	-19.53	27.07	48.88	-4.27	1.51	6.64	5.46
MRBLD1CB120_SIN		0.00	18.72	-182.76	134.39	-245.63	87.56	-279.43	41.68	27.52	-28.47	6.79	-2.00	12.38	9.05	8.08	-6.64
MRBLD1CB164_COS		-1989.22	-85.00	145.37	27.11	28.48	45.30	58.45	52.90	-94.76	-18.26	-7.80	36.60	1.75	3.42	-1.01	3.88
MRBLD1CB164_SIN		0.00	44.51	-55.79	57.88	-151.41	48.19	-163.56	-1.93	36.08	-61.27	6.27	-5.42	19.22	-0.20	14.29	16.29
MRBLD1FB42P75_COS		3104.93	151.10	-436.96	645.60	-710.07	9.83	38.97	-464.89	27.89	33.19	11.95	38.70	-15.65	-19.21	-40.53	-38.57
MRBLD1FB42P75_SIN		0.00	1.26	-63.87	277.16	-820.61	147.70	57.76	378.58	-26.97	-37.90	5.70	-16.50	-33.80	-13.70	5.26	-26.10
MRBLD1FB70_COS		397.11	-85.70	-226.66	169.08	-213.32	-6.18	25.63	-81.41	8.85	4.29	-2.60	-3.79	0.20	2.39	8.60	8.29
MRBLD1FB70_SIN		0.00	-156.77	-6.92	100.64	-283.78	34.72	13.93	71.85	-6.55	4.34	3.40	3.32	3.49	1.89	0.36	6.42
MRBLD1FB87_COS		-96.27	-41.88	-173.31	52.62	-119.57	-9.67	4.30	42.73	-2.52	-3.50	2.36	-2.60	5.89	3.89	7.96	7.37
MRBLD1FB87_SIN		0.00	-146.38	36.81	92.77	-114.71	0.05	-5.20	-34.83	2.77	2.82	0.56	2.27	10.42	4.50	-0.16	4.95
MRBLD1FB120_COS		-484.38	-27.45	-255.78	29.17	-22.84	26.65	-14.72	112.70	-11.40	-2.31	0.12	1.52	-3.16	-1.93	-10.65	-10.26
MRBLD1FB120_SIN		0.00	-175.53	65.13	145.94	67.12	-20.66	-8.73	-95.92	11.81	-5.64	-10.42	-5.19	-10.11	-6.83	-2.29	-8.53
MRBLD1FB164_COS		-119.90	-0.15	-405.67	159.29	463.61	50.07	25.86	-150.25	17.06	9.57	1.41	-2.02	11.56	7.86	4.40	5.76
MRBLD1FB164_SIN		0.00	-209.34	41.18	101.37	497.56	-44.46	-15.82	119.51	-7.18	16.22	12.22	2.64	5.11	2.82	4.82	8.81

RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-181.31	-4.46	-246.44	102.78	366.71	23.71	12.15	-135.83	10.65	-3.47	8.42	-1.80	6.44	1.36	-9.37	-10.76
MRBLD1FB180_SIN		0.00	-133.94	14.78	19.92	305.71	-17.70	-22.93	105.66	-9.92	-2.11	-9.18	-7.33	5.23	-5.85	-1.04	-10.68
MRBLD1TOR51_COS		-1386.18	32.35	-36.42	132.33	141.75	-139.07	-13.38	-63.88	23.24	0.64	0.61	4.93	2.00	-1.44	-6.23	-0.17
MRBLD1TOR51_SIN		0.00	-43.18	-16.28	32.43	189.34	5.05	52.71	67.43	7.31	3.58	-4.81	-1.40	16.03	-1.13	-3.51	-8.42
MRBLD1TOR71_COS		-243.79	43.45	-38.93	95.59	141.01	-121.36	-17.49	-33.92	14.83	-3.65	-0.64	3.96	0.86	-0.01	-2.89	0.03
MRBLD1TOR71_SIN		0.00	-45.68	-16.39	2.20	203.80	-2.44	48.31	59.47	8.98	0.65	-3.41	-2.02	15.95	1.69	-1.41	-4.71
MRBLD1TOR130_COS		-10.22	40.31	-16.41	67.10	164.81	-100.96	-20.84	-38.59	13.40	-2.83	-3.07	0.59	-0.46	-0.11	1.34	-2.40
MRBLD1TOR130_SIN		0.00	-37.54	-14.00	-18.61	228.52	4.53	37.17	50.46	6.20	4.71	3.35	2.18	0.01	1.03	0.58	4.55
MRBLD1TOR164_COS		-205.48	25.89	50.75	17.45	78.46	-70.95	-19.38	-11.34	2.14	1.18	0.75	-0.52	1.57	2.01	2.96	-1.18
MRBLD1TOR164_SIN		0.00	-12.70	-9.77	-40.89	60.73	15.02	22.35	24.90	-0.37	-0.54	5.13	1.68	-6.19	1.17	-0.41	3.30
MRFBM1CB26P5_COS		-4737.82	-719.97	-68.21	99.75	-28.02	-33.64	7.96	-23.20	12.57	0.80	-12.34	0.50	0.50	1.53	-1.57	3.50
MRFBM1CB26P5_SIN		0.00	-198.62	-31.98	14.08	3.30	-6.05	47.34	3.31	-4.48	-1.96	-0.94	-0.31	-1.31	-1.71	-0.96	-1.89
MRFBM1FB9_COS		313.10	62.11	197.53	-125.35	31.42	7.74	-13.80	34.70	-4.51	-1.70	-1.16	0.17	-1.49	-0.38	0.17	-0.64
MRFBM1FB9_SIN		0.00	20.46	65.28	-137.88	116.71	-13.63	-13.37	2.93	-0.71	-2.67	-1.00	-0.44	1.05	0.80	1.44	1.44
MRFBM1TOR26P5_COS		-364.96	96.74	-0.48	0.56	3.01	-1.22	0.67	-0.20	0.10	0.00	0.04	-0.09	0.08	-0.12	-0.05	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.20	-0.33	0.39	3.46	0.39	0.86	-0.01	0.28	0.09	-0.06	-0.02	0.22	-0.09	0.06	-0.06

RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1108.41	-1490.03	-160.84	333.34	-26.70	-140.63	33.17	-242.13	93.75	33.77	-11.16	-21.70	6.15	-7.72	-18.59	-5.95
MRPC1CB33P25_SIN		0.00	-228.03	-110.82	154.60	-236.66	54.91	104.95	47.53	-49.23	44.67	9.70	8.84	-26.91	-16.91	-21.26	-21.24
MRPC1FB33P25_COS		2256.91	103.65	-334.94	472.96	-390.26	-30.79	6.15	-511.94	40.00	48.39	11.62	35.30	14.06	-1.79	-28.78	-1.00
MRPC1FB33P25_SIN		0.00	127.60	-110.79	354.95	-843.23	124.08	44.00	110.03	-14.58	-8.36	12.42	14.68	-36.03	-22.12	-32.62	-48.42
MRPC1TOR25P5_COS		-800.53	-17.87	32.64	-145.89	-147.04	138.93	2.42	44.83	-17.67	2.55	-0.09	-8.81	-3.37	0.91	6.13	-3.24
MRPC1TOR25P5_SIN		0.00	106.66	-26.33	-3.62	-247.40	8.27	-56.69	-72.19	-15.27	2.39	7.38	3.32	-26.23	0.44	-2.99	6.61
MRPLK1LOAD_COS		-90.74	11.47	4.75	-17.76	-18.89	19.27	0.15	7.70	-2.96	0.41	-0.52	-0.83	-0.98	0.60	1.45	-0.73
MRPLK1LOAD_SIN		0.00	-12.99	-0.11	-1.46	-30.07	-0.50	-6.92	-9.93	-1.56	-0.42	1.50	0.02	-3.63	0.31	-0.47	1.32
PITCHRH_COS		8581.77	-8621.39	-488.90	-112.01	21.26	-3942.86	121.20	-18.57	118.35	-31.95	397.22	105.05	-41.37	35.17	-103.33	-319.09
PITCHRH_SIN		0.00	2289.05	-388.06	23.77	47.66	-1221.91	185.22	-146.03	-223.17	46.78	-459.84	33.87	9.20	-10.80	-116.70	-117.97
ROLLRH_COS		150.44	-1801.91	396.42	-88.43	42.32	4304.97	-57.80	122.23	43.88	107.58	57.81	-125.86	184.63	-160.16	-33.55	6.58
ROLLRH_SIN		0.00	-8480.03	-574.80	16.73	108.77	-4200.41	22.46	74.40	-60.37	-13.84	112.43	29.47	-109.00	73.84	-146.20	-65.28
TORQ_COS		30878.48	495.23	0.91	-9.49	-111.47	364.01	-9.68	2.32	-61.38	-5.05	72.18	1.95	3.48	-3.86	-10.76	12.44
TORQ_SIN		0.00	431.42	-18.22	-6.15	46.82	99.56	-16.06	10.09	21.50	-11.19	-4.79	6.94	-15.18	8.55	-15.26	32.57
THRUST_COS		5780.95	-69.07	4.15	-3.90	13.83	91.32	0.28	-0.56	1.06	1.44	-9.78	8.91	-9.28	1.16	-3.79	-0.30
THRUST_SIN		0.00	-18.99	6.55	8.51	6.42	-82.95	3.71	6.99	2.59	2.63	9.20	-14.25	0.48	5.87	3.46	26.26

RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.12	-14.22	-9.93	-6.16	-42.94	-60.49	0.60	-0.30	0.62	-5.64	-5.49	4.70	-5.80	4.47	1.29	1.52
SIDERH_SIN		0.00	205.90	12.55	-5.37	-38.24	509.12	-2.56	-4.11	6.07	-4.23	-10.57	2.03	3.10	-1.55	4.34	1.82
DRAGRH_COS		-232.46	228.08	10.46	-0.71	-24.96	-335.85	3.75	-10.60	-9.03	6.89	-23.99	6.58	0.80	1.11	4.31	15.33
DRAGRH_SIN		0.00	-48.66	14.00	-6.07	-0.84	-479.53	-38.79	-3.69	5.83	-5.49	2.42	-7.01	2.28	1.96	5.33	4.10

RUN	POINT	Harmonics															
52	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-1.48	0.00	0.00	0.04	0.02	0.00	0.00	0.00	0.11	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.08	0.00	0.00	-0.02	-0.01	-0.02	0.01	0.02	0.02	0.00	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.67	1.90	1.63	-5.11	-9.35	1.33	0.09	0.92	-0.11	-0.15	-0.18	0.17	2.44	-0.14	-0.20	-0.12
ACT1FORCE_SIN		0.00	10.57	1.61	3.23	-11.63	-2.17	0.06	-0.50	0.69	-0.52	0.05	0.25	1.24	0.14	0.19	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		342.07	-18.68	-15.85	32.22	-227.73	-3.85	-0.70	0.07	-0.32	-0.02	-0.06	-0.11	-0.15	0.04	0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-59.40	-14.76	-22.93	139.14	15.57	-6.06	-0.12	-0.33	0.07	0.05	-0.04	0.81	0.07	-0.06	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.91	18.77	15.93	-32.41	227.71	4.01	0.76	0.10	-0.34	-0.09	0.09	0.12	0.11	-0.05	-0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	59.53	14.75	23.08	-140.55	-15.77	5.95	0.24	-0.19	-0.04	-0.06	0.03	-0.76	-0.06	0.06	0.03
MRBLD1CB42P75_COS		-3999.19	-1517.88	-126.50	374.26	3.26	-153.49	25.23	-258.92	99.13	50.04	29.37	-42.77	-25.73	-19.63	-23.58	-11.84
MRBLD1CB42P75_SIN		0.00	-225.16	-116.30	146.46	-271.44	90.99	72.93	80.26	-117.28	63.49	43.61	20.15	-26.36	-19.68	-18.91	-20.36

RUN	POINT	Harmonics															
52	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2791.90	-777.74	192.81	284.62	146.38	-94.46	-48.57	-211.90	53.77	49.30	67.21	-24.77	-18.14	-11.26	-15.53	-23.19
MRBLD1CB70_SIN		0.00	-113.84	-133.30	188.72	-257.82	85.35	-94.52	74.78	-95.90	61.72	9.50	16.54	-21.35	0.81	-16.81	-14.72
MRBLD1CB120_COS		-525.13	-239.87	361.54	225.08	73.97	48.86	-51.87	-91.73	-39.09	-7.26	4.90	38.51	9.63	5.89	7.83	3.37
MRBLD1CB120_SIN		0.00	47.38	-178.17	80.99	-282.33	71.63	-275.05	50.03	35.09	-14.52	-23.44	-16.80	3.96	10.39	2.95	-5.84
MRBLD1CB164_COS		-1990.61	-78.68	139.29	50.16	-61.61	61.71	-8.68	43.76	-52.58	-18.07	-29.05	29.23	21.62	3.01	2.87	6.84
MRBLD1CB164_SIN		0.00	52.94	-60.23	40.72	-146.01	19.40	-163.81	-8.70	61.76	-38.85	-8.99	-12.17	11.16	-2.95	12.61	15.61
MRBLD1FB42P75_COS		3121.76	118.92	-426.98	683.66	-899.26	19.56	9.30	-344.30	55.80	43.71	21.88	23.35	-28.76	-23.19	-22.01	-36.35
MRBLD1FB42P75_SIN		0.00	-0.36	-51.83	57.21	-530.93	193.46	50.49	365.05	-77.55	-33.57	40.73	-26.76	1.80	-10.51	11.45	-20.90
MRBLD1FB70_COS		401.66	-91.57	-220.78	187.81	-280.96	0.02	18.51	-59.81	7.28	3.99	-0.58	-2.29	2.33	2.78	4.66	7.15
MRBLD1FB70_SIN		0.00	-151.77	-0.96	28.90	-200.26	44.90	6.99	72.31	-12.68	2.99	3.24	3.04	0.63	2.09	-1.29	5.09
MRBLD1FB87_COS		-95.05	-46.61	-165.27	64.69	-150.39	-11.14	4.27	33.21	-2.95	-5.12	-1.65	-1.12	9.20	5.43	4.72	7.20
MRBLD1FB87_SIN		0.00	-146.03	38.65	57.41	-76.57	-1.09	-9.99	-34.36	9.62	3.86	-7.31	4.38	-0.53	3.40	-0.94	4.76
MRBLD1FB120_COS		-486.51	-29.56	-243.60	44.38	-15.69	12.54	-9.88	82.86	-11.07	-2.57	0.04	0.65	-7.22	-4.10	-6.23	-10.68
MRBLD1FB120_SIN		0.00	-185.58	73.18	120.50	76.11	-37.98	-8.45	-96.77	20.06	-4.25	-7.82	-5.09	1.17	-6.21	-0.98	-8.72
MRBLD1FB164_COS		-121.50	-1.34	-397.01	150.11	586.98	63.24	25.60	-109.70	16.86	9.22	-0.63	-0.45	13.82	8.29	1.79	5.39
MRBLD1FB164_SIN		0.00	-221.67	60.29	54.56	317.73	-44.10	3.20	121.49	-18.38	13.02	8.10	6.10	-4.51	-0.41	2.54	8.77

RUN	POINT	Harmonics															
52	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-183.04	-0.30	-239.80	90.42	442.55	43.81	6.63	-97.28	18.56	-3.97	-2.60	-0.64	10.00	0.57	-3.65	-9.86
MRBLD1FB180_SIN		0.00	-147.09	29.05	-2.06	164.49	-17.90	-11.39	102.97	-18.37	3.24	-19.74	0.55	-7.06	-3.68	1.79	-11.43
MRBLD1TOR51_COS		-1387.51	31.31	-39.99	124.93	224.24	-122.54	9.07	-48.21	19.82	3.19	2.63	2.27	16.32	0.55	-3.54	-0.86
MRBLD1TOR51_SIN		0.00	-41.34	-9.38	-10.37	86.53	60.52	51.30	69.26	-5.30	2.69	-1.07	-1.42	1.93	2.10	1.44	-3.59
MRBLD1TOR71_COS		-242.84	41.25	-41.13	84.38	228.25	-107.64	4.74	-24.02	11.77	-1.84	1.38	1.28	14.48	1.36	-1.53	-0.13
MRBLD1TOR71_SIN		0.00	-44.04	-11.56	-28.76	102.69	47.02	49.89	58.13	-1.05	0.94	-1.83	-0.93	4.12	3.34	1.92	-2.22
MRBLD1TOR130_COS		-9.52	40.21	-19.47	51.00	251.00	-85.68	-3.75	-28.24	11.60	-1.68	-2.02	1.29	-0.82	-1.00	-0.08	-0.97
MRBLD1TOR130_SIN		0.00	-36.37	-9.69	-38.30	120.75	43.80	41.00	49.94	-3.24	5.49	5.84	1.26	-0.20	-0.82	-1.05	1.79
MRBLD1TOR164_COS		-205.61	26.92	48.43	3.50	109.43	-60.77	-9.35	-6.10	1.54	-0.48	2.59	-0.04	-7.06	1.04	1.19	-0.18
MRBLD1TOR164_SIN		0.00	-10.18	-9.94	-44.31	2.61	37.51	21.52	22.47	-0.56	1.62	3.09	1.74	-2.12	-1.09	-2.03	-0.81
MRFBM1CB26P5_COS		-4750.40	-674.40	-83.48	103.38	-10.75	-30.41	24.94	-17.39	14.82	-0.72	-13.13	0.52	-0.32	0.59	-0.78	4.66
MRFBM1CB26P5_SIN		0.00	-162.95	-21.81	-7.27	10.23	6.38	39.87	5.20	-8.25	-0.78	6.21	-0.94	-0.20	-3.23	0.55	-1.99
MRFBM1FB9_COS		320.36	24.85	205.25	-155.42	67.03	7.70	-13.97	29.48	-6.05	-2.30	-0.75	-0.09	0.43	-0.21	0.47	-0.44
MRFBM1FB9_SIN		0.00	15.19	50.62	-85.73	97.84	-17.28	-4.73	-2.23	1.15	-2.45	-2.15	-0.31	1.27	0.93	0.97	1.17
MRFBM1TOR26P5_COS		-364.92	96.49	-0.45	0.50	4.36	-0.87	0.92	-0.21	0.03	0.04	0.05	-0.09	0.19	-0.07	0.01	-0.04
MRFBM1TOR26P5_SIN		0.00	-68.26	-0.31	0.20	1.64	0.77	0.65	0.20	0.24	-0.05	-0.07	0.04	0.04	0.03	0.09	0.03

RUN	POINT	Harmonics															
52	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1117.81	-1415.92	-200.31	373.34	-98.97	-112.24	50.69	-205.30	71.14	36.31	5.73	-16.71	-17.90	-13.04	-17.33	-4.91
MRPC1CB33P25_SIN		0.00	-177.24	-77.96	65.00	-210.29	91.14	73.97	76.60	-80.01	32.08	39.55	9.59	-16.03	-16.54	-11.07	-20.68
MRPC1FB33P25_COS		2272.73	74.03	-329.10	544.61	-620.52	-34.04	-19.64	-412.02	80.68	55.09	-0.90	31.69	-23.34	-7.82	-25.04	-3.88
MRPC1FB33P25_SIN		0.00	124.64	-100.12	181.79	-645.00	158.95	32.44	147.95	-42.24	-1.26	43.40	-1.69	-20.12	-23.46	-14.09	-44.18
MRPC1TOR25P5_COS		-799.34	-21.14	38.03	-131.64	-257.95	124.32	-22.08	30.29	-16.48	1.07	-0.06	-4.52	-25.42	-2.94	0.97	-1.52
MRPC1TOR25P5_SIN		0.00	105.05	-37.06	40.06	-134.83	-52.92	-55.21	-71.61	-5.70	1.25	6.02	4.01	-5.94	-5.71	-7.02	-1.90
MRPLK1LOAD_COS		-90.54	11.71	5.04	-15.93	-32.46	16.73	-2.79	5.47	-2.37	-0.12	-0.35	-0.29	-3.68	-0.15	0.45	-0.13
MRPLK1LOAD_SIN		0.00	-12.77	-1.30	4.27	-15.65	-8.50	-6.78	-10.39	-0.03	-0.11	1.42	-0.08	-0.50	-0.93	-1.19	-0.36
PITCHRH_COS		9239.33	-8583.28	-486.02	-95.24	19.88	-3686.13	139.75	-66.85	16.03	-25.98	213.19	133.26	-53.43	42.78	-121.54	-170.60
PITCHRH_SIN		0.00	2211.58	-411.07	57.11	4.26	280.42	213.96	-84.25	-247.27	95.35	-456.60	-60.18	18.12	-6.44	61.36	7.79
ROLLRH_COS		302.52	-1782.01	429.66	-54.06	108.25	2097.36	-105.51	192.42	29.45	87.70	90.33	-49.81	85.37	-93.10	-122.73	2.74
ROLLRH_SIN		0.00	-8423.50	-568.06	27.08	13.08	-4868.47	-18.27	40.51	-18.30	3.42	124.17	102.07	-176.40	123.77	-80.87	-59.35
TORQ_COS		30845.28	465.74	5.98	-17.06	-79.07	326.34	-22.17	-1.16	-50.00	-2.16	62.14	4.01	-2.21	-2.28	-10.84	-21.35
TORQ_SIN		0.00	489.40	-17.46	5.60	86.15	27.92	-11.77	9.27	39.58	-5.14	-40.50	11.16	-12.28	9.59	-10.89	35.76
THRUST_COS		5804.29	-71.04	3.67	-2.74	15.59	73.78	2.33	-3.21	1.25	2.94	-8.00	-0.87	-2.36	4.37	-1.86	4.37
THRUST_SIN		0.00	-18.31	7.34	10.98	3.44	-123.69	4.51	3.42	1.19	-2.08	0.11	-8.99	7.56	3.85	6.48	19.50

RUN	POINT	Harmonics															
52	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.35	-9.80	-11.04	-7.47	-54.64	144.19	0.80	-2.64	2.22	-7.06	-9.21	2.79	-2.85	3.01	3.68	0.66
SIDERH_SIN		0.00	200.04	12.11	-4.46	-20.20	453.41	0.77	-4.14	5.12	-2.95	-5.94	-1.76	4.42	-3.08	2.11	1.28
DRAGRH_COS		-229.00	226.41	11.66	-2.93	-25.75	-448.91	-9.89	-11.72	-9.40	2.80	-29.55	-0.57	1.66	0.82	5.23	7.51
DRAGRH_SIN		0.00	-47.65	14.52	-5.80	9.11	-256.64	-44.17	-1.73	10.51	-9.42	22.55	-5.98	0.93	0.21	-3.11	-2.11

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS	65	0.02	0.00	0.00	0.00	-1.25	0.00	0.00	0.03	0.00	-0.02	0.02	0.01	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.80	0.00	0.00	-0.01	-0.02	-0.02	0.02	0.02	-0.08	0.02	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-19.42	2.18	1.79	-4.21	-13.97	0.20	0.51	0.79	0.24	-0.54	0.12	0.29	1.10	-0.21	0.01	-0.02
ACT1FORCE_SIN		0.00	10.71	1.37	4.09	-6.78	-2.81	0.00	-0.20	0.35	-0.51	0.41	0.35	-1.91	0.49	0.22	0.25
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.84	-18.22	-17.05	26.03	-127.85	3.46	-6.00	0.06	-0.48	0.05	0.00	-0.09	0.78	0.05	-0.06	-0.06
FA1IBVOLTAGE_SIN		0.00	-61.31	-12.54	-27.62	242.77	18.31	-4.40	-0.03	0.08	0.05	0.12	0.01	0.14	-0.07	0.00	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.10	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.19	18.36	17.12	-26.18	127.08	-3.42	6.00	0.14	-0.34	-0.07	-0.02	0.09	-0.73	-0.05	0.07	0.04
FA1OBVOLTAGE_SIN		0.00	61.46	12.55	27.87	-244.03	-18.59	4.25	0.03	0.25	0.07	-0.16	-0.01	-0.10	0.07	0.02	0.04
MRBLD1CB42P75_COS		-3991.49	-1436.36	-140.34	408.50	-112.03	-87.94	24.78	-136.14	12.91	44.25	21.34	10.36	-0.05	-18.30	-32.21	-6.96
MRBLD1CB42P75_SIN		0.00	-248.44	-81.13	33.25	-221.48	112.41	27.47	103.67	-88.75	42.57	34.45	-22.74	3.54	-9.70	-9.82	-20.65

RUN	POINT	Harmonics															
52	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2790.62	-725.76	173.26	334.52	-22.69	-37.22	-104.76	-119.95	-20.79	48.18	30.85	2.88	-6.29	-5.09	-22.86	-14.93
MRBLD1CB70_SIN		0.00	-143.27	-103.76	92.93	-244.64	89.09	-75.99	95.66	-59.50	32.21	-7.34	-15.77	-0.09	1.45	-10.75	-2.59
MRBLD1CB120_COS		-527.34	-216.04	341.21	265.28	-82.65	72.15	-170.49	-48.20	-9.35	4.58	-0.38	2.26	-4.26	6.22	3.74	3.68
MRBLD1CB120_SIN		0.00	34.16	-162.24	1.08	-234.05	49.47	-201.02	39.99	16.91	-15.27	-24.08	2.92	-6.82	5.68	1.05	-0.23
MRBLD1CB164_COS		-1987.79	-73.65	131.65	65.89	-131.92	58.59	-72.17	23.69	3.53	-9.59	-8.99	5.39	7.71	-0.02	8.97	3.66
MRBLD1CB164_SIN		0.00	51.68	-60.63	12.23	-96.91	-5.51	-122.15	-18.38	35.17	-23.10	-0.84	9.08	-8.02	-1.53	8.50	5.59
MRBLD1FB42P75_COS		3120.64	96.54	-414.17	646.92	-931.94	36.70	-22.12	-124.26	27.98	56.83	50.84	13.76	12.78	-18.61	-27.71	-29.63
MRBLD1FB42P75_SIN		0.00	20.78	-51.78	-157.55	-94.85	194.74	31.25	222.34	-105.96	-26.46	24.79	-59.93	3.22	8.35	38.84	-25.05
MRBLD1FB70_COS		404.00	-97.23	-213.46	184.73	-302.59	7.97	6.70	-17.80	1.62	4.11	-0.75	-2.39	-1.37	1.22	5.61	5.69
MRBLD1FB70_SIN		0.00	-143.79	-2.70	-42.94	-66.30	45.02	-1.07	47.39	-12.44	2.61	4.02	3.10	-0.08	-0.88	-7.36	5.48
MRBLD1FB87_COS		-92.65	-51.91	-158.09	67.83	-159.05	-11.35	1.58	13.45	1.57	-7.23	-7.22	1.07	-1.54	4.67	6.05	5.87
MRBLD1FB87_SIN		0.00	-139.92	33.52	21.35	-16.60	-2.02	-11.68	-21.90	11.48	2.98	-5.13	14.50	-1.37	-0.39	-5.91	6.46
MRBLD1FB120_COS		-485.14	-34.90	-231.68	48.52	-5.73	-5.65	0.28	26.63	-2.67	-4.19	0.59	-1.71	1.31	-3.45	-8.67	-7.78
MRBLD1FB120_SIN		0.00	-186.99	71.34	94.47	71.43	-45.30	-3.81	-63.57	21.02	-3.15	-8.17	-10.92	3.08	-1.67	5.67	-11.16
MRBLD1FB164_COS		-123.71	-7.11	-378.44	124.01	614.93	60.33	19.31	-32.90	5.47	7.85	-1.62	2.14	4.47	6.64	2.23	4.32
MRBLD1FB164_SIN		0.00	-224.18	70.09	20.20	62.35	-38.56	8.65	75.78	-21.47	9.80	8.70	14.27	-5.52	-4.59	-1.46	11.46

RUN	POINT	Harmonics															
52	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-185.64	-1.81	-228.09	69.64	449.00	51.28	-5.18	-27.26	15.27	-5.00	-13.95	0.17	-7.70	0.72	-3.82	-7.41
MRBLD1FB180_SIN		0.00	-156.66	39.08	-15.31	-16.99	-18.44	-4.50	61.05	-23.05	4.54	-12.16	21.50	-7.39	0.12	10.06	-13.48
MRBLD1TOR51_COS		-1387.00	30.59	-37.04	102.12	237.85	-79.73	29.15	-9.47	8.61	3.38	5.04	-1.00	1.36	0.80	-3.08	1.59
MRBLD1TOR51_SIN		0.00	-39.36	-2.34	-42.06	-41.16	102.89	36.69	50.21	-9.65	1.14	-2.20	2.77	-12.20	1.75	1.33	-0.54
MRBLD1TOR71_COS		-241.44	39.36	-38.73	61.93	248.02	-70.38	26.53	0.79	3.81	-1.20	3.50	-2.17	1.19	1.60	-0.52	1.33
MRBLD1TOR71_SIN		0.00	-40.84	-6.45	-48.37	-28.43	86.29	39.20	40.71	-4.83	1.02	-3.31	5.10	-9.30	2.58	2.02	-0.29
MRBLD1TOR130_COS		-8.92	39.81	-18.85	27.75	270.26	-52.43	14.19	-4.13	3.09	0.60	1.78	4.45	-0.33	-2.00	-0.78	-1.69
MRBLD1TOR130_SIN		0.00	-34.35	-4.64	-47.16	-18.85	74.69	35.96	35.72	-7.32	6.61	4.41	0.71	1.51	-0.52	-0.31	0.19
MRBLD1TOR164_COS		-205.49	27.75	45.69	-10.66	104.12	-38.34	0.02	1.72	0.71	0.47	2.91	1.66	-2.43	0.22	-0.86	-0.42
MRBLD1TOR164_SIN		0.00	-9.31	-8.42	-41.36	-59.27	53.61	18.23	14.91	-0.65	3.85	0.40	1.64	6.34	-0.49	-0.55	-2.89
MRFBM1CB26P5_COS		-4747.45	-629.96	-86.13	101.27	7.59	-20.41	36.59	-6.29	10.61	-0.99	-4.41	2.90	1.55	-1.60	-2.06	3.90
MRFBM1CB26P5_SIN		0.00	-166.40	-9.69	-28.39	11.21	13.38	21.68	5.07	-11.08	1.53	10.12	-1.73	0.72	-1.30	1.19	-3.99
MRFBM1FB9_COS		316.07	1.40	199.09	-167.05	92.96	5.97	-10.47	14.73	-4.69	-2.58	-0.85	-2.00	0.17	0.32	1.15	-0.74
MRFBM1FB9_SIN		0.00	28.09	40.26	-29.75	54.86	-17.35	4.70	-5.70	2.64	-2.14	-2.13	0.40	-0.69	0.83	0.96	1.04
MRFBM1TOR26P5_COS		-364.98	96.40	-0.48	0.39	4.38	-0.27	0.91	0.03	0.03	-0.08	-0.08	-0.13	0.02	0.02	0.04	0.01
MRFBM1TOR26P5_SIN		0.00	-68.08	-0.27	0.12	-0.72	1.03	0.25	0.23	0.25	-0.14	-0.06	0.05	-0.10	0.03	0.00	0.05

RUN	POINT	Harmonics															
52	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1106.96	-1355.61	-211.14	387.77	-153.37	-62.69	50.17	-97.98	22.37	33.16	15.20	13.01	2.52	-14.93	-26.18	-2.27
MRPC1CB33P25_SIN		0.00	-201.93	-46.48	-34.51	-140.33	105.37	25.50	79.57	-66.54	23.73	35.97	-20.83	5.54	-6.30	-3.41	-21.20
MRPC1FB33P25_COS		2273.54	50.27	-319.03	555.25	-750.36	-21.57	-39.55	-183.40	68.55	61.06	25.47	47.97	4.82	-18.99	-52.71	5.20
MRPC1FB33P25_SIN		0.00	139.60	-100.74	-1.41	-290.59	160.55	12.62	123.23	-73.75	9.21	47.46	-33.08	13.65	-7.63	-2.09	-39.82
MRPC1TOR25P5_COS		-798.93	-23.03	33.13	-101.04	-290.14	80.94	-43.46	-1.92	-10.77	1.91	-2.54	5.22	-3.01	-4.62	-3.46	-3.85
MRPC1TOR25P5_SIN		0.00	105.39	-48.06	68.42	16.12	-100.48	-39.33	-49.69	0.44	2.41	5.70	-6.49	16.50	-3.06	-3.18	-6.89
MRPLK1LOAD_COS		-90.39	12.08	4.39	-11.97	-35.98	10.38	-5.27	0.12	-1.24	0.02	0.10	0.81	-0.42	-0.67	-0.06	-0.61
MRPLK1LOAD_SIN		0.00	-12.61	-2.38	7.94	3.29	-14.58	-4.86	-7.46	0.53	0.52	1.24	-1.08	2.51	-0.61	-0.50	-1.14
PITCHRH_COS		9641.91	-8602.98	-455.81	-66.80	-10.73	-2788.89	158.94	-45.81	-79.51	45.81	115.02	59.00	-15.50	37.25	87.24	-125.11
PITCHRH_SIN		0.00	2205.72	-440.58	86.35	-18.40	1665.49	146.30	-68.08	-170.62	73.54	-322.90	-173.78	46.00	-30.85	135.22	-113.52
ROLLRH_COS		105.78	-1759.06	465.37	-22.77	5.01	-502.87	-30.95	192.70	43.91	42.50	134.99	46.78	-36.46	63.76	-13.63	59.29
ROLLRH_SIN		0.00	-8409.00	-571.60	13.40	-87.82	-4585.96	-96.87	-28.74	53.65	-5.73	63.09	76.21	-161.66	146.44	58.50	-422.07
TORQ_COS		30892.59	478.08	4.54	-14.45	-58.53	240.96	-26.29	-9.79	-23.71	4.23	19.08	0.85	-1.48	-1.20	-12.27	-1.92
TORQ_SIN		0.00	501.81	-15.35	14.22	124.48	-40.67	-2.65	4.22	36.40	-4.25	-51.29	8.66	-5.84	5.83	-9.77	59.51
THRUST_COS		5788.19	-70.95	3.19	-1.01	17.41	34.20	3.56	-10.04	-1.19	-0.45	-6.23	-5.80	2.62	-0.68	-4.08	-2.93
THRUST_SIN		0.00	-15.63	7.61	9.22	0.73	-143.95	5.66	3.55	1.22	-6.38	-2.74	2.29	5.87	-1.27	7.62	10.88

RUN	POINT	Harmonics															
52	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.61	-13.90	-12.44	-6.11	-43.40	312.91	-0.29	-4.60	3.21	-4.60	-7.31	0.46	-0.18	-1.38	0.23	-0.97
SIDERH_SIN		0.00	197.71	11.96	-1.31	-14.62	291.04	7.96	-2.77	1.12	0.05	1.48	-2.59	4.61	-4.23	-1.78	12.51
DRAGRH_COS		-225.43	225.99	11.53	-5.27	-25.49	-441.91	-21.22	-11.06	-2.16	-3.25	-16.92	-5.97	2.07	-0.52	-4.75	3.65
DRAGRH_SIN		0.00	-46.57	14.91	-4.65	18.98	-7.87	-41.68	3.23	15.94	-5.12	37.93	-1.38	0.78	-0.12	-5.51	3.22

RUN	POINT	Harmonics															
52	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	-0.67	0.01	0.00	0.01	-0.02	-0.02	0.01	0.01	-0.10	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.32	0.00	0.00	-0.01	-0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.91	2.11	1.49	-3.11	-15.52	-1.27	0.42	0.51	0.23	-0.61	0.23	0.26	-2.23	0.10	0.01	-0.27
ACT1FORCE_SIN		0.00	10.84	1.26	3.68	0.00	-2.56	-0.04	-0.18	-0.05	0.30	0.17	0.23	-0.86	0.41	0.14	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.02	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.89	-17.30	-18.31	18.12	12.35	13.24	-7.87	0.16	-0.16	0.03	0.09	-0.05	0.06	-0.14	0.00	-0.08
FA1IBVOLTAGE_SIN		0.00	-62.33	-9.25	-25.14	281.42	15.60	-0.79	-0.01	0.58	0.08	0.03	0.05	-0.77	-0.03	0.03	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		460.13	17.46	18.37	-18.20	-13.68	-13.36	7.80	0.01	0.06	0.03	-0.15	0.08	-0.02	0.18	-0.01	0.09
FA1OBVOLTAGE_SIN		0.00	62.49	9.28	25.45	-282.17	-15.89	0.66	-0.06	0.39	0.03	-0.07	-0.04	0.70	0.04	-0.03	0.11
MRBLD1CB42P75_COS		-4057.07	-1389.02	-117.37	365.40	-192.45	-12.68	17.46	-26.06	-41.85	38.15	13.35	-7.82	31.60	-7.24	-25.74	-4.02
MRBLD1CB42P75_SIN		0.00	-172.25	-52.72	-94.35	-114.27	105.33	-9.83	99.28	-5.76	35.71	-16.31	-66.04	-21.22	-10.61	-13.29	-22.36

RUN	POINT	Harmonics															
52	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2751.63	-692.66	190.28	323.28	-178.08	19.11	-131.25	-29.85	-48.06	35.92	14.72	-13.05	12.19	-2.22	-16.90	-2.28
MRBLD1CB70_SIN		0.00	-101.16	-67.91	-32.44	-144.85	78.67	-25.12	91.16	22.96	24.98	-27.25	-44.62	-9.63	-6.05	-5.96	-8.20
MRBLD1CB120_COS		-535.31	-193.82	349.64	258.07	-207.17	86.20	-226.71	-6.63	3.26	1.87	-8.23	5.91	-18.28	-0.02	4.10	5.90
MRBLD1CB120_SIN		0.00	56.35	-137.64	-99.61	-107.71	30.80	-67.04	30.05	-5.47	-26.66	13.87	30.52	8.28	3.37	6.19	0.89
MRBLD1CB164_COS		-1986.45	-68.16	127.57	61.14	-173.33	42.15	-109.34	8.95	28.78	-1.48	-8.73	14.35	-11.21	-0.15	1.93	-8.07
MRBLD1CB164_SIN		0.00	61.15	-58.07	-30.33	-13.13	-19.54	-49.96	-18.55	-12.65	-29.26	21.86	32.86	2.39	3.41	3.30	7.50
MRBLD1FB42P75_COS		3147.96	81.24	-397.36	436.94	-722.24	79.65	-26.14	23.14	-29.97	46.77	29.11	-14.75	19.16	-6.33	-23.29	-26.41
MRBLD1FB42P75_SIN		0.00	4.79	-79.94	-343.50	330.71	165.12	20.66	99.84	-71.37	-45.88	12.70	-59.93	-41.67	5.43	26.68	-28.11
MRBLD1FB70_COS		407.72	-97.56	-208.71	121.52	-251.50	22.45	-0.43	11.38	-4.78	2.31	-1.89	-2.69	-2.71	-0.15	4.13	4.39
MRBLD1FB70_SIN		0.00	-140.22	-17.29	-112.78	70.31	35.74	-3.43	25.32	-3.06	1.17	3.12	3.10	3.57	-0.14	-4.23	6.56
MRBLD1FB87_COS		-90.16	-53.83	-157.17	38.45	-134.83	-11.77	-4.46	-0.48	8.10	-5.39	-0.95	9.28	-3.72	1.64	4.54	5.02
MRBLD1FB87_SIN		0.00	-136.56	20.35	-18.86	45.87	-2.53	-11.86	-13.24	4.49	5.70	-0.10	16.43	11.54	0.74	-3.37	6.84
MRBLD1FB120_COS		-485.04	-40.55	-226.42	23.44	3.43	-30.26	2.46	-10.91	8.60	-1.38	-0.25	-5.61	3.62	0.87	-5.11	-6.84
MRBLD1FB120_SIN		0.00	-192.83	60.66	56.33	61.42	-38.10	-0.04	-31.85	10.77	0.34	-8.88	-13.69	-9.53	-2.51	2.55	-12.20
MRBLD1FB164_COS		-121.25	-11.48	-351.12	68.60	506.35	48.41	24.71	20.71	-10.88	2.39	3.48	11.11	2.78	2.11	-0.14	4.13
MRBLD1FB164_SIN		0.00	-235.03	61.14	-2.76	-190.41	-29.72	10.94	33.24	-10.82	4.97	9.85	18.38	7.17	-3.87	0.61	11.19

RUN	POINT	Harmonics															
52	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-184.54	-7.35	-208.71	37.83	358.37	50.45	-5.24	20.41	2.81	-4.93	1.14	18.40	-9.53	4.36	1.87	-3.75
MRBLD1FB180_SIN		0.00	-167.24	37.25	-16.62	-188.31	-17.18	3.68	18.89	-22.47	5.40	-3.00	21.36	8.79	0.24	5.08	-9.78
MRBLD1TOR51_COS		-1383.76	33.27	-27.42	62.93	187.27	-13.23	43.68	17.09	-0.43	5.26	6.14	2.56	-14.16	-0.20	-3.82	0.14
MRBLD1TOR51_SIN		0.00	-36.11	-1.91	-59.46	-156.54	115.90	17.18	26.73	-6.47	1.07	-3.45	5.49	-0.34	-0.83	0.31	-1.37
MRBLD1TOR71_COS		-239.20	40.78	-31.34	31.55	200.74	-12.44	42.67	16.28	-1.64	1.76	4.67	2.86	-13.03	1.01	-0.21	0.62
MRBLD1TOR71_SIN		0.00	-38.59	-6.91	-54.14	-151.01	99.23	22.59	20.65	-3.39	1.08	-3.55	8.84	1.60	0.85	0.99	0.70
MRBLD1TOR130_COS		-8.13	40.95	-13.13	3.53	216.51	-5.59	29.67	11.23	-4.42	4.31	0.52	4.27	1.58	-1.05	0.30	-1.15
MRBLD1TOR130_SIN		0.00	-33.41	-2.67	-40.44	-149.71	82.07	24.84	19.26	-3.54	4.04	1.59	-0.38	2.31	0.67	-0.70	1.70
MRBLD1TOR164_COS		-206.65	29.10	45.45	-18.40	66.97	-7.72	7.15	5.27	-0.01	3.05	1.71	2.09	6.55	1.08	1.39	0.67
MRBLD1TOR164_SIN		0.00	-7.97	-5.23	-27.42	-107.36	54.54	12.14	6.13	0.48	4.09	0.13	0.44	3.44	1.77	0.01	-0.90
MRFBM1CB26P5_COS		-4790.78	-604.24	-77.99	86.30	27.98	-7.44	39.08	0.44	1.98	0.63	-0.64	2.56	3.70	-0.97	-0.87	1.80
MRFBM1CB26P5_SIN		0.00	-128.67	-2.37	-42.26	2.34	11.86	-0.88	3.16	-10.87	0.63	5.01	-2.44	-1.25	0.59	-0.09	-2.68
MRFBM1FB9_COS		345.68	-33.70	184.43	-134.28	94.85	1.15	-4.83	3.06	-1.10	-2.62	-0.93	-1.73	-1.91	0.12	0.84	-0.80
MRFBM1FB9_SIN		0.00	16.21	46.49	35.37	-0.24	-17.22	10.83	-6.35	1.93	-1.39	-0.97	1.99	-0.50	0.42	0.92	1.07
MRFBM1TOR26P5_COS		-364.89	96.24	-0.43	0.28	3.20	0.47	0.66	0.25	0.01	-0.21	-0.09	-0.12	-0.16	0.00	-0.10	-0.02
MRFBM1TOR26P5_SIN		0.00	-68.26	-0.30	0.08	-2.86	1.03	-0.18	0.19	0.16	0.00	0.02	0.04	-0.01	-0.04	0.03	-0.06

RUN	POINT	Harmonics															
52	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1152.26	-1319.00	-188.39	331.81	-162.72	-3.39	41.24	-11.56	-19.91	31.42	9.57	-1.10	25.50	-5.74	-20.04	-0.92
MRPC1CB33P25_SIN		0.00	-135.41	-26.77	-131.00	-45.22	93.87	-16.95	66.75	-20.81	16.46	-1.67	-45.23	-15.15	-5.09	-6.32	-20.19
MRPC1FB33P25_COS		2297.69	36.78	-300.21	419.19	-678.75	19.14	-36.61	-19.78	8.18	60.09	16.23	27.03	43.41	-9.27	-37.37	10.85
MRPC1FB33P25_SIN		0.00	122.35	-121.24	-190.14	112.82	146.48	8.15	85.30	-68.60	-10.46	25.06	-51.06	-12.80	-1.15	-4.70	-38.02
MRPC1TOR25P5_COS		-800.98	-26.74	24.43	-57.21	-244.85	11.88	-56.71	-22.75	-4.91	-0.83	-6.01	-0.79	21.94	-0.53	2.40	0.60
MRPC1TOR25P5_SIN		0.00	102.32	-48.87	77.37	162.93	-118.29	-17.95	-25.37	3.27	-0.31	1.83	-13.63	-0.70	1.35	-3.09	-1.12
MRPLK1LOAD_COS		-90.97	12.06	3.37	-6.09	-29.93	0.58	-6.89	-3.39	-0.28	0.32	-0.27	0.27	3.00	0.08	1.11	0.07
MRPLK1LOAD_SIN		0.00	-12.97	-2.42	9.37	21.39	-16.39	-2.33	-3.75	0.51	0.16	0.27	-1.66	0.03	0.27	-0.59	0.24
PITCHRH_COS		10196.26	-8587.52	-437.53	-43.63	-0.25	-1090.93	136.06	-39.05	-115.87	45.55	104.32	-120.08	54.17	49.51	101.82	-177.84
PITCHRH_SIN		0.00	2238.29	-444.38	93.15	-23.36	2456.68	85.06	-50.47	8.20	4.45	-273.14	-127.26	30.83	-84.13	-16.32	-202.53
ROLLRH_COS		376.60	-1769.25	496.00	-18.24	-149.09	-2913.42	49.91	124.92	54.04	25.43	43.69	93.12	-51.50	84.08	154.90	-141.47
ROLLRH_SIN		0.00	-8377.13	-570.40	-25.40	-53.23	-3018.91	-171.68	-114.51	65.52	21.55	-6.40	-106.17	38.46	-75.40	-28.51	-329.48
TORQ_COS		29985.83	485.84	5.82	-11.87	-23.92	139.58	-20.63	-13.35	5.09	3.63	3.61	-3.15	3.04	-4.42	-11.77	10.62
TORQ_SIN		0.00	498.07	-27.32	15.89	142.97	-68.84	2.78	2.22	22.33	-5.51	-22.82	6.90	-4.68	3.32	-8.19	35.86
THRUST_COS		5881.49	-71.14	3.97	-1.90	15.19	-25.64	6.23	-12.96	-1.34	-1.16	7.18	-1.92	1.17	-5.13	-2.17	-2.69
THRUST_SIN		0.00	-13.48	8.81	7.79	-5.67	-141.41	4.05	8.04	2.43	-3.04	-12.96	10.19	-1.45	1.01	7.24	18.49

RUN	POINT	Harmonics															
52	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.88	-17.61	-13.38	-2.64	-27.47	393.57	1.65	-5.57	1.64	-1.22	0.08	-2.88	0.75	-2.25	-4.69	5.08
SIDERH_SIN		0.00	198.71	11.37	2.35	-20.96	54.51	12.33	0.09	-3.10	-0.43	2.21	2.33	-0.46	2.00	0.82	9.46
DRAGRH_COS		-221.44	226.42	12.18	-5.18	-23.72	-307.14	-24.04	-3.69	7.10	-3.79	4.01	1.13	0.66	-2.01	-4.43	5.58
DRAGRH_SIN		0.00	-46.05	15.55	-3.14	29.22	236.21	-26.94	12.96	10.21	1.51	40.28	4.17	0.76	4.17	1.05	10.03

RUN	POINT	Harmonics															
52	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.09	0.00	0.00	0.01	-0.02	-0.01	-0.02	0.00	-0.01	0.01	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.03	0.03	-0.01	0.00	0.10	0.00	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-19.96	2.18	1.73	-2.20	-13.96	-2.57	0.69	0.38	-0.09	-0.31	-0.20	0.00	-1.13	0.15	-0.17	-0.04
ACT1FORCE_SIN		0.00	10.97	1.12	3.33	6.92	-2.11	-0.30	-0.09	0.10	0.78	0.07	0.05	2.42	-0.05	-0.03	0.50
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.76	-17.64	-18.83	12.17	157.30	20.28	-9.79	0.17	0.41	0.12	0.00	0.02	-0.73	-0.08	-0.01	-0.11
FA1IBVOLTAGE_SIN		0.00	-65.02	-6.06	-22.72	241.93	9.92	3.81	-0.17	0.48	0.02	-0.05	0.12	-0.08	0.15	-0.10	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.12	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		460.28	17.82	18.91	-12.16	-158.89	-20.57	9.70	-0.09	0.42	0.02	-0.05	-0.02	0.67	0.08	0.00	0.12
FA1OBVOLTAGE_SIN		0.00	65.18	6.13	23.08	-241.90	-10.17	-3.92	0.05	0.12	0.01	0.08	-0.10	0.05	-0.16	0.09	0.06
MRBLD1CB42P75_COS		-4037.95	-1146.81	-121.30	306.56	-263.66	44.93	0.14	31.85	10.34	25.87	-14.76	-12.39	17.24	-5.48	-28.28	-8.88
MRBLD1CB42P75_SIN		0.00	-105.77	-28.44	-168.02	48.06	70.43	-53.18	57.87	63.14	19.15	-99.35	-51.06	-45.53	-13.29	-8.80	-23.87

RUN	POINT	Harmonics															
52	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.19	-545.19	202.58	277.40	-327.01	70.65	-152.85	20.80	13.57	17.60	1.52	-15.97	8.04	-7.79	-15.69	-14.07
MRBLD1CB70_SIN		0.00	-64.34	-37.55	-111.97	43.08	67.36	33.92	52.08	75.89	19.82	-71.53	-34.66	-20.36	-8.12	-7.51	-20.75
MRBLD1CB120_COS		-562.17	-138.15	359.91	214.97	-310.05	98.35	-268.02	10.70	-13.80	-7.16	15.45	11.15	-9.60	-3.50	8.10	5.77
MRBLD1CB120_SIN		0.00	70.77	-107.18	-154.47	112.58	32.57	88.56	2.41	-32.93	-31.68	68.24	25.30	20.35	5.65	2.37	-3.41
MRBLD1CB164_COS		-1995.32	-56.74	126.98	43.58	-194.52	26.00	-135.63	0.72	-4.41	2.58	3.62	19.19	-3.71	3.10	-0.16	-0.38
MRBLD1CB164_SIN		0.00	64.20	-54.28	-49.35	105.00	-15.23	39.50	-15.95	-55.76	-37.55	64.98	24.02	14.33	1.68	7.90	19.98
MRBLD1FB42P75_COS		3133.99	18.10	-416.07	268.44	-363.71	78.61	-43.69	48.43	-45.56	9.22	12.44	-2.02	-15.60	-0.61	-23.99	-37.59
MRBLD1FB42P75_SIN		0.00	14.74	-93.01	-367.09	758.27	106.83	1.10	10.46	-34.10	-78.17	-10.99	-47.22	-50.31	-1.94	27.45	-24.77
MRBLD1FB70_COS		410.32	-98.34	-218.20	69.60	-153.08	23.55	-10.30	17.68	-2.20	-1.31	-4.48	-3.75	0.73	-0.05	5.70	7.26
MRBLD1FB70_SIN		0.00	-129.15	-27.09	-127.71	211.33	18.35	-7.15	5.57	1.35	-0.33	0.92	2.72	4.03	0.27	-5.01	6.39
MRBLD1FB87_COS		-83.47	-57.67	-168.02	15.47	-88.81	-12.34	-7.03	-2.48	8.32	0.97	6.74	5.93	4.99	0.18	4.56	7.73
MRBLD1FB87_SIN		0.00	-127.54	7.95	-27.71	106.08	-3.74	-8.60	-6.58	-0.81	11.16	6.43	12.94	13.77	2.16	-3.94	5.53
MRBLD1FB120_COS		-470.95	-45.41	-233.85	1.38	5.15	-42.96	11.20	-17.27	7.61	2.62	-2.57	-6.12	-5.61	1.81	-7.24	-11.24
MRBLD1FB120_SIN		0.00	-189.58	41.18	45.29	36.37	-21.68	5.17	-5.91	5.66	1.95	-8.53	-10.15	-11.69	-3.97	2.90	-10.32
MRBLD1FB164_COS		-109.38	-15.41	-353.40	22.33	306.66	44.32	19.06	20.01	-11.45	1.19	7.62	10.89	11.35	-0.33	1.12	7.67
MRBLD1FB164_SIN		0.00	-234.30	49.34	15.29	-412.43	-16.43	6.86	-6.08	-7.84	2.78	10.48	16.67	8.22	-4.17	0.02	9.91

RUN	POINT	Harmonics															
52	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-176.65	-9.49	-208.98	14.01	210.21	49.74	-10.74	18.02	-0.46	2.68	17.77	12.08	2.65	-0.16	-6.75	-8.32
MRBLD1FB180_SIN		0.00	-166.96	34.70	2.02	-323.85	-20.32	6.86	-16.55	-24.12	8.73	4.93	11.38	14.98	-1.88	4.96	-8.69
MRBLD1TOR51_COS		-1383.22	35.35	-28.62	23.77	81.38	47.15	43.95	27.20	1.68	2.21	1.95	2.21	-2.56	-2.37	-3.40	-0.33
MRBLD1TOR51_SIN		0.00	-31.66	-0.32	-52.84	-223.20	106.66	-22.79	6.48	2.68	2.22	-4.05	1.26	14.70	-2.44	0.47	-2.15
MRBLD1TOR71_COS		-237.94	40.32	-32.73	2.57	97.97	41.07	46.81	21.65	-0.16	-0.04	0.67	2.59	-2.96	-0.99	-2.81	1.08
MRBLD1TOR71_SIN		0.00	-34.15	-6.62	-43.40	-231.18	92.66	-13.91	4.65	2.87	2.71	-1.65	4.06	15.14	-0.74	-0.11	-0.56
MRBLD1TOR130_COS		-6.81	41.58	-13.82	-16.80	108.54	37.62	36.51	15.08	-3.64	3.32	-1.46	3.65	3.05	-0.13	-3.43	-0.09
MRBLD1TOR130_SIN		0.00	-29.83	-0.68	-25.47	-240.88	74.97	-2.48	4.52	2.64	0.05	-0.65	-0.29	-0.07	0.33	-1.16	1.36
MRBLD1TOR164_COS		-206.21	30.47	45.14	-23.45	8.16	19.37	12.51	5.83	-0.03	4.12	2.10	1.47	4.14	3.32	-1.01	-0.25
MRBLD1TOR164_SIN		0.00	-5.47	-0.62	-15.43	-127.05	45.21	0.50	0.67	2.04	2.29	1.05	0.08	-5.62	1.52	-1.80	-2.07
MRFBM1CB26P5_COS		-4778.73	-488.23	-85.72	75.37	39.71	-0.01	36.42	1.98	-2.46	1.66	-1.96	2.23	2.14	0.56	-1.68	2.77
MRFBM1CB26P5_SIN		0.00	-89.95	3.56	-50.63	-12.73	0.08	-27.01	0.29	-5.15	-2.42	-1.41	-1.16	-3.14	0.91	0.38	-1.23
MRFBM1FB9_COS		322.41	-103.45	192.71	-96.53	81.26	-1.74	4.15	-2.35	-0.22	-2.26	-1.75	-0.99	-1.93	-0.07	0.82	-0.57
MRFBM1FB9_SIN		0.00	30.01	51.02	59.08	-63.67	-12.71	16.83	-3.57	0.04	0.33	1.16	1.55	1.24	0.34	0.90	1.58
MRFBM1TOR26P5_COS		-364.99	95.17	-0.33	0.03	1.13	1.16	0.13	0.39	0.00	-0.22	-0.06	-0.13	-0.05	-0.02	0.09	-0.05
MRFBM1TOR26P5_SIN		0.00	-69.16	-0.38	0.09	-4.39	0.85	-0.85	0.14	0.11	0.20	0.04	-0.02	0.14	0.01	0.11	0.02

RUN	POINT	Harmonics															
52	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1133.74	-1102.86	-193.58	275.62	-160.38	34.04	21.21	27.43	1.72	23.42	-11.55	-1.71	12.97	-2.51	-21.04	-2.98
MRPC1CB33P25_SIN		0.00	-83.94	-4.37	-180.16	75.76	54.41	-66.24	33.13	21.00	-1.00	-55.35	-32.57	-33.58	-7.63	-5.30	-21.61
MRPC1FB33P25_COS		2286.53	-20.48	-311.91	286.00	-482.54	33.31	-40.47	33.47	-16.40	48.73	17.80	30.33	25.15	-0.17	-39.71	1.45
MRPC1FB33P25_SIN		0.00	124.31	-135.99	-241.23	550.46	98.79	-6.72	23.70	-44.10	-51.11	-3.98	-33.01	-46.04	-1.83	-5.75	-48.32
MRPC1TOR25P5_COS		-800.30	-35.45	27.80	-16.46	-132.05	-51.43	-54.09	-31.93	-3.44	0.11	-4.02	-0.84	5.70	3.29	-5.37	2.27
MRPC1TOR25P5_SIN		0.00	95.51	-53.96	63.90	260.45	-113.82	25.50	-8.14	-2.46	-4.22	-3.66	-5.63	-24.12	1.68	-5.76	-4.13
MRPLK1LOAD_COS		-90.82	12.03	3.39	-0.73	-15.55	-8.30	-6.23	-4.61	-0.34	0.84	-0.27	0.18	0.52	0.67	-0.98	0.60
MRPLK1LOAD_SIN		0.00	-13.29	-2.79	7.73	32.90	-14.95	3.47	-0.84	-0.53	-0.64	-0.39	-0.54	-3.19	0.05	-1.57	-0.49
PITCHRH_COS		11429.11	-8570.02	-419.40	15.39	-38.38	768.07	102.68	-118.44	-45.48	163.73	210.00	-208.56	63.94	-61.33	-6.06	-384.09
PITCHRH_SIN		0.00	2232.97	-456.03	82.21	-83.47	2877.53	-121.09	-3.14	96.14	-23.68	-254.31	6.02	3.83	-14.40	-93.18	1.60
ROLLRH_COS		202.24	-1804.78	485.14	-42.23	-311.06	-4940.96	47.36	-12.76	115.32	-1.13	23.38	-41.29	104.00	-87.94	15.86	-326.21
ROLLRH_SIN		0.00	-8402.75	-586.94	-32.99	42.04	-676.25	-271.07	-142.74	0.73	24.80	-14.67	-211.03	138.83	-133.60	-88.33	-228.33
TORQ_COS		30250.44	493.48	0.33	3.87	32.80	42.64	-15.38	-11.65	8.74	3.24	19.86	-1.57	5.66	-4.77	-10.93	-12.98
TORQ_SIN		0.00	515.41	-19.48	23.97	127.57	-62.40	18.49	11.58	-5.84	-6.36	9.73	7.50	-6.88	5.56	-9.94	17.15
THRUST_COS		5812.62	-71.71	5.66	1.79	11.62	-72.09	2.86	-7.32	1.69	-3.80	7.07	11.59	-3.01	-1.82	-8.76	9.07
THRUST_SIN		0.00	-15.10	8.61	5.95	-4.69	-116.50	2.49	18.93	3.03	-0.20	-13.75	8.97	-3.48	0.72	7.56	25.69

RUN	POINT	Harmonics															
52	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.21	-15.16	-13.35	1.41	-13.79	391.73	0.98	-2.73	-3.61	2.10	2.64	-0.41	-3.12	2.40	-0.04	9.11
SIDERH_SIN		0.00	201.83	12.49	2.54	-39.63	-231.33	12.15	3.83	-3.30	-0.96	-0.90	8.01	-3.20	4.28	2.65	6.83
DRAGRH_COS		-212.92	225.81	11.91	-7.04	-17.56	-90.08	-30.76	6.77	14.77	-9.88	15.61	9.27	1.05	2.88	0.47	18.11
DRAGRH_SIN		0.00	-47.50	13.73	-0.07	39.29	457.42	-6.18	6.59	-2.72	4.29	15.19	0.74	0.36	1.62	4.12	0.47

RUN	POINT	Harmonics															
52	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.02	-0.01	0.00	0.01	0.03	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	-0.10	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.77	1.74	1.74	-2.03	-3.44	-3.49	0.21	0.26	-0.07	-0.10	0.01	0.14	1.41	0.21	0.27	0.17
ACT1FORCE_SIN		0.00	10.18	1.05	1.64	13.76	0.32	-0.54	-0.20	0.44	-0.22	-0.09	-0.05	-2.30	0.37	0.12	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.99	-15.76	-15.00	11.50	303.47	19.96	-2.22	-0.17	0.18	0.00	0.00	0.00	0.80	0.02	-0.07	0.07
FA1IBVOLTAGE_SIN		0.00	-59.07	-1.81	-10.70	-0.91	-6.57	8.10	-0.22	-0.60	-0.18	0.04	0.02	0.16	0.03	0.08	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.05	15.97	15.09	-11.32	-304.38	-20.37	2.07	0.15	0.07	0.03	0.07	0.01	-0.75	-0.04	0.06	-0.08
FA1OBVOLTAGE_SIN		0.00	59.19	1.90	10.95	2.29	6.69	-8.08	0.05	-0.53	0.02	0.00	-0.01	-0.11	0.00	-0.10	-0.03
MRBLD1CB42P75_COS		-4028.79	-1314.58	-83.62	150.48	-159.15	73.80	-44.68	54.36	60.77	22.48	-7.50	-10.42	1.56	-12.29	-28.87	-9.65
MRBLD1CB42P75_SIN		0.00	-260.25	-46.57	-134.27	265.17	-23.89	-65.89	31.28	-28.08	31.93	-80.31	-28.34	-4.56	-24.72	-24.96	-27.44

RUN	POINT	Harmonics															
52	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2755.33	-656.49	273.28	132.28	-247.18	50.84	-95.70	25.76	58.19	25.68	-1.78	-6.77	3.09	-3.88	-24.02	-22.26
MRBLD1CB70_SIN		0.00	-181.41	-40.62	-130.77	366.93	22.71	105.23	16.25	-29.14	40.48	-60.13	-13.16	-5.80	-4.24	-21.44	-14.80
MRBLD1CB120_COS		-577.34	-178.83	418.21	94.79	-173.89	32.11	-127.80	10.74	-38.13	-11.47	37.05	12.91	-3.92	1.72	1.15	4.06
MRBLD1CB120_SIN		0.00	-19.63	-87.44	-159.37	407.72	33.74	256.64	-25.28	-5.39	-28.59	43.87	12.66	-2.04	13.28	-1.25	-6.03
MRBLD1CB164_COS		-1992.76	-64.23	130.37	-5.61	-78.16	-27.07	-67.16	-5.89	-46.26	-10.45	29.81	14.70	4.62	-0.72	10.49	9.06
MRBLD1CB164_SIN		0.00	41.19	-41.62	-50.10	227.27	15.52	141.71	-18.91	2.82	-49.26	50.75	9.30	-1.46	-2.82	15.46	17.01
MRBLD1FB42P75_COS		3116.56	77.28	-467.65	20.51	326.95	94.25	-30.92	97.87	-42.61	-37.72	65.61	9.16	7.06	-25.16	-61.29	-51.74
MRBLD1FB42P75_SIN		0.00	45.70	-116.91	-71.57	726.02	-66.88	7.27	-31.74	14.39	-61.84	-98.90	-36.73	-5.18	-7.78	21.30	-34.32
MRBLD1FB70_COS		409.43	-91.69	-244.50	-19.54	60.74	23.10	-11.67	26.00	-1.73	-1.47	-4.42	-2.99	-1.46	2.54	12.77	10.82
MRBLD1FB70_SIN		0.00	-126.27	-42.93	-39.15	223.92	-25.20	1.00	-4.27	1.54	2.52	0.97	2.72	-0.04	1.03	-4.02	8.17
MRBLD1FB87_COS		-80.84	-53.02	-193.37	-28.91	11.13	-14.07	-10.13	-8.29	7.91	8.66	-4.88	4.32	-0.91	6.14	12.24	9.71
MRBLD1FB87_SIN		0.00	-115.72	-6.50	11.97	109.36	-2.88	-2.33	-2.66	-4.88	8.77	21.35	9.49	2.46	3.97	-3.04	6.21
MRBLD1FB120_COS		-458.52	-52.73	-260.89	-37.65	3.03	-47.48	10.83	-29.49	5.31	0.97	0.22	-4.05	1.90	-4.35	-17.87	-13.79
MRBLD1FB120_SIN		0.00	-153.65	8.83	71.59	6.35	27.85	3.77	10.51	1.47	-0.33	-11.03	-7.00	-2.58	-6.36	5.17	-9.67
MRBLD1FB164_COS		-94.64	-24.55	-369.68	-4.16	-137.62	24.51	17.01	36.86	-9.04	3.63	0.93	11.23	4.17	2.20	5.46	5.92
MRBLD1FB164_SIN		0.00	-198.12	1.43	103.41	-385.73	-3.55	-11.50	-29.23	-8.91	2.17	21.58	13.89	-0.63	-0.08	-1.43	8.14

RUN	POINT	Harmonics															
52	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-162.75	-15.60	-219.17	8.98	-101.01	27.10	-3.38	28.04	-13.56	14.53	-0.54	17.27	6.20	0.14	-19.10	-12.64
MRBLD1FB180_SIN		0.00	-144.85	1.88	57.12	-267.10	-33.13	-0.34	-26.34	-29.23	0.31	36.64	9.58	-5.62	0.05	6.85	-11.66
MRBLD1TOR51_COS		-1381.34	38.32	-25.98	-9.02	-168.67	105.01	23.88	27.96	1.08	1.87	-4.45	0.69	4.89	0.67	-5.18	-0.08
MRBLD1TOR51_SIN		0.00	-27.74	-5.17	20.08	-186.40	12.68	-43.90	-4.34	2.02	-0.94	0.30	1.86	-11.11	0.86	-3.26	-5.07
MRBLD1TOR71_COS		-236.76	44.94	-32.64	-14.91	-155.40	92.18	30.46	19.64	0.10	-0.24	-7.41	-0.39	3.24	2.16	-2.47	0.36
MRBLD1TOR71_SIN		0.00	-28.56	-9.45	18.16	-206.66	13.34	-37.32	-3.01	4.06	0.32	4.01	2.90	-9.09	2.59	-1.23	-3.23
MRBLD1TOR130_COS		-3.79	42.25	-11.13	-14.87	-152.21	72.07	26.37	14.08	-0.98	-0.32	2.70	0.18	-1.58	-0.57	-0.22	-0.42
MRBLD1TOR130_SIN		0.00	-23.77	-3.21	24.47	-211.05	10.29	-23.62	-0.27	3.47	0.10	3.06	0.55	-1.76	-0.50	-0.16	1.85
MRBLD1TOR164_COS		-206.52	30.96	49.79	-9.72	-108.52	40.62	8.46	0.34	-0.22	2.99	1.43	1.18	-3.17	0.77	-1.84	-0.81
MRBLD1TOR164_SIN		0.00	-6.85	5.80	5.81	-82.61	0.77	-6.89	0.37	1.42	2.33	3.71	1.69	5.75	-0.89	-1.45	-0.54
MRFBM1CB26P5_COS		-4787.77	-561.24	-82.92	57.33	30.03	12.53	7.47	5.97	-0.39	-1.61	2.63	0.95	0.53	-1.17	-1.49	4.36
MRFBM1CB26P5_SIN		0.00	-158.24	-1.58	-30.59	-41.89	-20.92	-45.23	2.46	0.71	-5.51	-2.84	-1.69	0.64	-2.91	-1.15	-4.61
MRFBM1FB9_COS		330.33	-39.00	204.42	-10.78	10.02	-8.02	15.35	-5.86	-0.71	-1.12	-4.36	-1.11	-0.26	-0.34	0.59	-0.80
MRFBM1FB9_SIN		0.00	34.52	73.21	11.90	-97.77	0.21	10.40	-2.80	0.75	0.29	1.00	0.28	-0.32	1.20	2.12	1.95
MRFBM1TOR26P5_COS		-364.80	95.93	-0.15	-0.04	-3.44	1.43	-0.65	0.35	-0.02	-0.01	-0.17	0.04	0.06	0.01	0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-68.14	-0.42	0.55	-3.78	-0.05	-0.82	0.02	0.02	0.20	-0.10	0.09	-0.04	0.03	0.08	0.07

RUN	POINT	Harmonics															
52	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1097.74	-1253.68	-170.64	148.98	-45.66	68.91	-34.30	50.33	24.18	12.62	10.65	-2.22	2.81	-10.83	-25.07	-4.06
MRPC1CB33P25_SIN		0.00	-213.09	-23.77	-116.49	175.41	-42.72	-78.25	18.57	-16.52	1.77	-49.60	-20.53	-1.43	-18.42	-20.44	-29.66
MRPC1FB33P25_COS		2281.18	29.22	-349.76	30.82	102.21	86.53	-24.09	85.88	-31.65	8.43	105.34	31.54	7.27	-10.51	-56.67	1.45
MRPC1FB33P25_SIN		0.00	150.52	-163.90	-47.46	688.14	-32.07	3.60	13.34	-12.64	-62.02	-36.00	-19.55	3.34	-23.67	-41.59	-63.74
MRPC1TOR25P5_COS		-804.95	-31.55	20.36	8.31	168.37	-119.10	-30.27	-34.25	0.23	-1.08	7.90	-2.23	-7.92	-2.11	-0.86	-0.03
MRPC1TOR25P5_SIN		0.00	89.62	-45.21	-17.75	249.10	-18.56	47.01	6.29	-7.11	1.51	-3.40	-4.99	12.05	-3.16	-3.97	-2.54
MRPLK1LOAD_COS		-91.78	11.19	2.97	2.34	22.16	-16.34	-3.29	-4.55	0.03	0.23	1.15	-0.67	-1.27	-0.05	0.29	-0.05
MRPLK1LOAD_SIN		0.00	-15.12	-1.99	-3.15	30.27	-1.14	5.95	0.80	-0.65	-0.12	0.34	-0.78	1.56	-0.53	-0.99	-0.60
PITCHRH_COS		10157.34	-8710.03	-391.56	-1.52	-178.83	2657.30	-224.40	12.11	117.01	8.38	374.26	-28.84	53.12	56.68	-7.98	-166.66
PITCHRH_SIN		0.00	3090.03	-504.39	17.62	-56.91	752.25	-49.02	130.08	15.78	-252.36	-564.90	79.65	40.85	81.13	79.51	-117.74
ROLLRH_COS		-149.23	-2617.64	456.73	-35.89	-513.67	-3806.81	-45.11	-80.90	145.14	117.79	106.02	-141.34	75.91	-101.03	64.19	-206.15
ROLLRH_SIN		0.00	-8510.51	-624.19	-67.46	267.00	3189.67	-231.23	-24.90	-25.53	6.58	-112.48	-5.39	-79.50	135.56	13.70	-457.33
TORQ_COS		30343.61	510.20	0.80	12.76	17.19	-56.15	-3.84	-11.66	-27.06	0.57	26.84	3.22	4.50	-0.79	-9.02	-29.62
TORQ_SIN		0.00	519.36	-18.75	15.72	29.79	5.54	17.79	0.80	-6.27	-4.34	6.42	7.84	-8.26	8.52	-11.55	53.77
THRUST_COS		5834.89	-69.03	7.35	2.52	4.05	-119.99	2.01	4.91	3.54	-2.31	-40.94	10.88	1.53	6.37	-4.95	16.24
THRUST_SIN		0.00	-11.75	9.58	5.81	4.37	5.79	5.39	8.54	-2.18	7.18	20.80	-15.11	-1.78	-2.17	11.34	19.12

RUN	POINT	Harmonics															
52	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.04	-1.32	-13.56	3.77	13.15	69.32	8.72	1.64	-6.42	-5.91	-4.61	5.33	-2.33	3.33	-2.74	5.58
SIDERH_SIN		0.00	191.58	13.26	0.55	-96.88	-454.93	14.67	4.97	2.83	-1.85	-0.92	3.62	2.17	-3.67	-0.82	14.02
DRAGRH_COS		-212.23	227.96	9.17	-3.62	-8.24	336.21	-10.49	9.33	-4.46	-2.07	-24.28	5.06	-4.51	-1.66	0.03	6.51
DRAGRH_SIN		0.00	-67.80	14.17	3.77	33.95	427.48	1.98	-8.98	-9.71	16.54	5.14	-6.77	-1.08	-3.10	-3.01	4.64

RUN	POINT	Harmonics															
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.23	0.00	0.00	0.01	0.04	0.01	-0.01	0.00	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.89	2.12	1.59	-1.99	-9.73	-3.15	0.73	0.19	-0.17	-0.06	-0.12	0.08	2.60	0.08	-0.12	0.26
ACT1FORCE_SIN		0.00	10.78	1.25	2.65	11.52	-0.95	-0.29	0.26	0.30	0.16	-0.17	0.11	1.21	0.10	0.19	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.78	-17.62	-15.25	10.70	263.00	20.65	-8.26	0.09	0.58	0.17	-0.01	-0.01	-0.09	0.00	-0.08	0.00
FA1IBVOLTAGE_SIN		0.00	-63.58	-4.94	-17.90	139.31	1.03	6.46	-0.17	-0.19	-0.11	0.05	-0.02	0.85	0.11	-0.05	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.25	17.83	15.31	-10.58	-264.45	-21.07	8.15	-0.04	0.46	-0.05	0.00	0.01	0.04	-0.04	0.08	0.00
FA1OBVOLTAGE_SIN		0.00	63.72	5.04	18.24	-138.50	-1.13	-6.53	0.00	-0.23	0.04	0.05	0.03	-0.80	-0.10	0.05	-0.06
MRBLD1CB42P75_COS		-4012.69	-1374.70	-99.04	226.45	-236.63	76.63	-20.88	80.60	57.40	32.37	-4.02	-6.54	-23.13	-12.37	-26.40	2.43
MRBLD1CB42P75_SIN		0.00	-316.56	-32.86	-166.30	167.07	24.40	-68.89	52.14	31.18	20.98	-87.20	-23.51	-19.71	-17.78	-19.68	-17.65

RUN	POINT	Harmonics															
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2768.67	-688.49	239.46	208.66	-322.06	72.16	-127.88	54.12	62.03	28.14	10.01	-6.90	-9.31	-11.73	-15.11	-8.82
MRBLD1CB70_SIN		0.00	-215.93	-36.61	-138.52	206.47	47.40	72.86	35.60	33.56	28.92	-61.80	-12.32	-9.29	-2.32	-18.07	-12.64
MRBLD1CB120_COS		-563.87	-188.86	383.42	157.50	-272.84	64.58	-215.38	29.79	-32.98	-18.58	28.67	11.31	10.99	-1.08	5.18	7.12
MRBLD1CB120_SIN		0.00	-19.46	-97.52	-170.78	266.49	31.77	183.95	-7.59	-23.11	-32.37	55.38	13.20	6.45	10.41	-2.20	-3.95
MRBLD1CB164_COS		-1989.64	-67.25	124.63	21.87	-146.62	-2.52	-110.46	-5.37	-39.60	-13.95	13.49	15.03	13.51	5.58	3.66	0.13
MRBLD1CB164_SIN		0.00	40.95	-48.55	-52.72	176.35	-2.14	97.57	-17.31	-35.32	-48.40	52.49	7.53	6.94	-1.95	15.30	13.58
MRBLD1FB42P75_COS		3111.04	86.90	-441.27	122.71	-17.80	95.05	-50.24	156.66	-60.75	-41.24	42.24	16.29	-25.16	-13.02	-52.93	-13.88
MRBLD1FB42P75_SIN		0.00	60.43	-101.43	-229.44	817.36	5.26	-4.15	-11.90	1.54	-76.29	-59.07	-29.42	-5.12	-4.52	14.53	-41.17
MRBLD1FB70_COS		409.24	-96.96	-229.11	18.48	-48.00	25.00	-15.33	36.33	-1.78	-1.87	-3.04	-3.03	1.60	1.12	11.40	2.94
MRBLD1FB70_SIN		0.00	-126.03	-35.07	-85.98	242.31	-6.77	-5.66	-0.56	2.41	0.58	0.51	2.99	0.82	0.21	-2.51	9.40
MRBLD1FB87_COS		-82.99	-57.12	-177.81	-7.69	-37.01	-12.66	-8.98	-13.64	9.36	8.79	0.36	1.94	7.81	2.93	10.77	3.14
MRBLD1FB87_SIN		0.00	-119.03	-1.44	-8.83	119.37	-3.04	-4.82	-5.32	-4.61	10.45	13.35	7.52	1.65	2.96	-1.71	7.24
MRBLD1FB120_COS		-465.04	-53.33	-240.33	-17.94	7.76	-47.22	16.11	-43.84	7.15	1.40	-2.64	-4.20	-6.82	-0.07	-16.38	-4.72
MRBLD1FB120_SIN		0.00	-167.55	24.92	58.93	19.91	2.83	5.59	4.26	2.86	2.30	-8.16	-6.40	-3.47	-5.36	1.60	-11.24
MRBLD1FB164_COS		-107.08	-24.83	-350.94	-0.66	71.51	26.27	10.16	56.17	-10.62	2.67	3.88	8.43	13.22	0.55	5.66	2.96
MRBLD1FB164_SIN		0.00	-207.56	26.38	57.91	-453.86	-5.08	-3.89	-17.70	-6.17	1.37	13.46	11.53	-1.16	-1.39	0.45	8.26

RUN	POINT	Harmonics															
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.65	-12.97	-206.95	4.48	43.03	35.13	-14.21	44.76	-6.96	12.89	7.33	9.21	17.96	1.67	-17.75	-0.68
MRBLD1FB180_SIN		0.00	-151.17	20.01	27.52	-333.41	-24.31	2.62	-21.91	-27.49	4.33	17.18	0.60	-4.07	0.33	3.92	-13.33
MRBLD1TOR51_COS		-1381.70	34.00	-26.26	-0.57	-52.42	85.74	36.46	46.33	-0.20	1.82	-1.13	2.07	15.87	-1.24	-4.79	1.56
MRBLD1TOR51_SIN		0.00	-30.37	-1.42	-16.53	-237.29	59.39	-31.59	6.06	2.39	-1.77	-5.01	-1.75	3.98	2.22	-1.91	-2.49
MRBLD1TOR71_COS		-236.61	41.57	-32.02	-13.44	-35.81	74.58	41.61	34.33	-1.32	-0.34	-3.95	1.32	14.12	-0.12	-3.41	1.93
MRBLD1TOR71_SIN		0.00	-30.04	-6.93	-11.30	-251.29	52.93	-23.41	3.86	3.80	-0.04	-1.20	-0.37	4.40	3.36	-0.17	-1.97
MRBLD1TOR130_COS		-4.54	40.26	-11.85	-21.72	-28.92	61.17	33.56	26.58	-2.46	0.60	0.85	0.94	0.09	-1.45	-1.34	0.23
MRBLD1TOR130_SIN		0.00	-26.48	-1.60	1.48	-258.52	42.70	-11.27	4.18	4.13	-1.90	1.14	0.48	-2.35	-0.72	0.25	0.23
MRBLD1TOR164_COS		-205.46	29.95	46.36	-19.45	-56.54	35.13	11.53	6.77	-0.11	3.13	1.69	0.63	-5.23	1.79	-1.51	-0.42
MRBLD1TOR164_SIN		0.00	-7.33	2.27	-2.92	-118.96	22.69	-2.20	-0.63	1.53	1.54	2.45	0.39	-3.39	-0.64	-1.93	-0.91
MRFBM1CB26P5_COS		-4777.27	-589.25	-84.08	65.24	36.59	9.21	22.85	6.31	-3.68	-0.07	-1.32	1.80	-0.89	0.64	-2.36	4.90
MRFBM1CB26P5_SIN		0.00	-186.17	3.01	-42.98	-26.61	-10.90	-39.05	3.24	-0.96	-4.89	-2.90	-1.11	-0.86	-1.58	-1.08	-1.72
MRFBM1FB9_COS		320.48	-9.74	193.69	-50.03	49.73	-6.25	10.39	-7.50	-0.37	-1.66	-3.54	-0.82	0.15	-0.22	0.40	-1.01
MRFBM1FB9_SIN		0.00	44.13	60.04	39.67	-88.17	-5.49	15.87	-6.04	0.17	1.02	0.98	0.24	1.12	0.69	1.69	0.57
MRFBM1TOR26P5_COS		-364.89	96.13	-0.11	-0.07	-1.26	1.39	-0.25	0.47	-0.01	-0.06	-0.01	-0.03	0.12	0.05	0.09	-0.05
MRFBM1TOR26P5_SIN		0.00	-68.22	-0.35	0.39	-4.72	0.44	-0.83	0.13	0.03	0.22	-0.07	0.07	0.06	0.06	0.05	0.08

RUN	POINT	Harmonics															
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1077.62	-1310.58	-177.83	206.36	-116.96	66.39	-8.25	69.72	19.16	19.70	2.60	1.99	-15.80	-8.12	-22.76	9.07
MRPC1CB33P25_SIN		0.00	-260.62	-9.62	-159.87	138.87	3.48	-82.57	34.87	10.33	-5.76	-50.96	-14.99	-13.32	-13.24	-17.26	-17.78
MRPC1FB33P25_COS		2272.22	39.87	-331.47	143.23	-208.03	70.99	-39.90	124.11	-39.55	11.65	66.45	32.80	-16.39	-6.77	-45.39	27.58
MRPC1FB33P25_SIN		0.00	165.18	-148.79	-156.35	681.96	23.13	-11.61	50.23	-26.25	-74.49	-21.69	-9.26	-20.77	-12.64	-38.96	-35.24
MRPC1TOR25P5_COS		-803.29	-25.19	18.76	5.49	25.07	-95.25	-45.31	-51.20	1.54	-1.54	1.10	-2.28	-23.22	-1.75	-2.54	2.41
MRPC1TOR25P5_SIN		0.00	93.68	-49.85	23.05	293.00	-66.68	34.27	-5.74	-4.18	0.77	0.75	0.15	-8.81	-4.65	-4.52	-4.04
MRPLK1LOAD_COS		-91.54	11.37	3.05	1.79	4.32	-13.75	-5.15	-7.21	0.15	0.33	0.02	-0.52	-3.24	-0.25	-0.53	0.52
MRPLK1LOAD_SIN		0.00	-14.86	-2.61	2.21	36.32	-7.88	4.26	-0.66	-0.42	-0.15	0.49	-0.17	-1.34	-0.77	-0.77	-0.87
PITCHRH_COS		9654.73	-8664.20	-368.40	4.52	-116.08	1978.81	-74.02	-34.55	71.61	115.99	345.27	-145.15	19.27	-34.40	-62.28	-171.66
PITCHRH_SIN		0.00	3162.52	-476.90	43.74	-70.32	1929.04	-148.59	118.87	146.42	-167.64	-330.75	57.07	27.12	62.71	-2.10	29.64
ROLLRH_COS		-311.83	-2700.10	466.77	-45.65	-468.76	-4811.33	17.23	-41.22	128.16	51.69	169.91	-108.63	167.72	-186.70	-14.07	39.55
ROLLRH_SIN		0.00	-8488.24	-616.70	-62.19	155.19	1390.08	-272.66	-89.87	16.82	44.00	-88.78	-124.42	35.89	13.43	-37.95	-304.80
TORQ_COS		30634.51	495.67	0.44	8.06	28.79	-26.97	-6.81	-10.91	-8.75	-0.62	31.94	0.75	3.34	-3.53	-9.86	-20.81
TORQ_SIN		0.00	508.66	-18.63	26.10	78.59	-38.88	17.19	5.90	-15.16	-5.03	12.97	9.86	-7.60	6.65	-12.17	28.55
THRUST_COS		5800.61	-71.37	5.89	3.28	8.13	-110.78	1.39	-1.90	4.14	-3.19	-22.11	19.33	-1.66	-0.42	-9.13	3.08
THRUST_SIN		0.00	-13.18	8.87	7.61	-0.97	-53.17	4.23	15.31	-0.19	3.86	1.26	-3.22	2.26	3.25	5.91	10.79

RUN	POINT	Harmonics															
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.80	5.21	-12.87	3.60	7.37	254.54	3.52	-1.77	-6.04	-1.08	-4.98	1.92	-4.97	5.40	0.39	-1.11
SIDERH_SIN		0.00	195.78	12.82	1.71	-70.76	-377.36	14.89	5.89	-1.46	-3.45	-1.19	7.02	-1.05	0.15	0.65	9.49
DRAGRH_COS		-217.06	227.26	9.32	-5.15	-13.97	119.06	-19.52	12.81	4.37	-7.85	2.31	10.58	-0.81	2.64	2.57	9.30
DRAGRH_SIN		0.00	-70.43	13.40	2.24	36.16	498.38	0.21	-1.80	-10.28	12.24	-0.51	-2.38	-1.83	-1.37	-0.12	-2.51

RUN	POINT	Harmonics															
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	0.12	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.66	0.00	0.00	0.01	0.06	0.02	-0.01	0.01	0.02	0.00	0.02	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.60	2.13	1.26	-1.40	-9.85	-3.91	0.62	0.05	-0.22	-0.12	-0.22	-0.09	2.83	0.10	-0.08	0.40
ACT1FORCE_SIN		0.00	10.67	1.35	2.87	15.13	-1.36	-0.26	0.28	0.32	0.34	-0.09	0.32	1.02	0.08	0.24	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.12	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.14	-16.73	-12.09	6.67	314.50	24.77	-8.51	0.28	1.02	0.10	-0.16	-0.08	-0.20	0.00	-0.02	0.15
FA1IBVOLTAGE_SIN		0.00	-60.26	-6.14	-18.93	169.18	2.62	5.99	-0.29	0.04	-0.03	0.07	0.05	1.01	-0.10	-0.10	0.14
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.11	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.05	17.01	12.15	-6.57	-316.42	-25.30	8.37	-0.22	0.69	0.11	0.12	0.03	0.12	-0.04	0.04	-0.14
FA1OBVOLTAGE_SIN		0.00	60.46	6.32	19.38	-168.23	-2.83	-6.12	0.09	-0.55	-0.06	0.08	-0.04	-0.98	0.09	0.11	-0.13
MRBLD1CB42P75_COS		-4010.10	-1266.48	-81.41	247.05	-325.73	120.66	-5.32	153.11	94.90	-3.30	-43.73	-6.62	-24.63	-10.70	-19.04	0.62
MRBLD1CB42P75_SIN		0.00	-276.98	-21.17	-256.74	217.20	29.37	-93.58	52.43	82.91	33.14	-103.62	-27.92	-3.82	-18.84	-19.71	-10.37

RUN	POINT	Harmonics															
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2771.01	-623.50	246.01	247.34	-465.16	94.46	-176.12	110.04	118.30	-6.29	-32.93	-6.18	-8.97	-5.82	-11.24	-10.64
MRBLD1CB70_SIN		0.00	-195.79	-18.75	-217.55	234.17	36.42	113.10	29.07	77.79	37.01	-65.18	-10.46	2.66	-3.10	-18.56	-8.25
MRBLD1CB120_COS		-564.42	-168.51	379.60	186.98	-410.16	56.51	-337.72	58.30	-31.93	-6.64	47.72	12.80	10.42	-2.80	3.41	6.49
MRBLD1CB120_SIN		0.00	-9.09	-80.36	-236.57	315.16	4.70	267.83	-27.97	-37.21	-44.77	63.28	21.00	-2.05	11.73	-2.42	-6.59
MRBLD1CB164_COS		-1998.61	-65.02	122.57	33.06	-204.35	-19.94	-183.12	-15.10	-60.53	11.04	46.26	15.68	17.26	1.93	3.13	2.50
MRBLD1CB164_SIN		0.00	40.85	-47.35	-83.19	222.93	-23.90	140.60	-26.63	-64.77	-58.28	59.49	6.83	-0.23	-4.36	15.89	14.04
MRBLD1FB42P75_COS		3113.08	58.99	-419.47	71.99	-28.70	132.97	-49.66	260.78	-74.88	-48.59	46.84	24.37	-25.96	-11.80	-44.77	-13.63
MRBLD1FB42P75_SIN		0.00	57.45	-116.93	-407.07	1125.69	-4.34	-21.53	-97.36	31.79	-75.27	-84.82	-24.06	6.27	-0.85	-0.41	-30.95
MRBLD1FB70_COS		408.40	-99.10	-220.76	7.58	-60.66	33.73	-20.03	56.45	0.17	-4.14	-5.17	-2.48	2.21	0.87	10.11	2.22
MRBLD1FB70_SIN		0.00	-121.11	-41.69	-147.42	340.25	-11.00	-11.63	-15.17	6.67	2.33	0.63	3.58	0.70	-0.66	-0.51	6.95
MRBLD1FB87_COS		-83.04	-59.37	-173.36	-9.75	-41.36	-14.67	-12.92	-22.59	9.72	9.99	0.60	-0.22	7.83	2.34	8.76	3.49
MRBLD1FB87_SIN		0.00	-115.33	-9.70	-41.46	165.40	-4.57	-5.75	1.16	-9.27	8.86	17.63	6.43	-2.32	2.46	1.98	5.22
MRBLD1FB120_COS		-463.68	-53.45	-231.55	-16.73	16.57	-62.50	15.15	-69.81	6.54	3.94	-1.27	-4.04	-7.40	0.81	-14.26	-5.32
MRBLD1FB120_SIN		0.00	-169.95	13.11	34.68	20.46	-0.46	9.97	25.91	-3.52	1.86	-8.18	-6.73	-0.25	-4.17	-3.93	-8.44
MRBLD1FB164_COS		-104.27	-22.58	-330.99	-14.67	74.25	28.29	5.62	93.75	-12.80	0.13	2.73	8.60	13.86	-1.33	3.42	3.97
MRBLD1FB164_SIN		0.00	-213.61	15.01	41.51	-635.78	-1.13	-7.77	-45.82	0.95	0.35	14.26	12.28	-3.51	-2.86	3.68	7.31

RUN	POINT	Harmonics															
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.21	-15.18	-196.36	-8.03	32.88	42.38	-20.11	76.38	-8.91	16.83	10.87	7.32	20.52	5.82	-14.60	-2.94
MRBLD1FB180_SIN		0.00	-155.50	19.33	28.65	-456.22	-23.45	2.61	-44.09	-25.80	4.51	24.76	-3.18	-6.61	2.11	-1.22	-10.26
MRBLD1TOR51_COS		-1380.52	35.27	-21.30	-15.93	-63.61	112.95	69.83	65.67	-1.53	-1.55	-3.91	0.67	16.78	0.82	-2.51	0.96
MRBLD1TOR51_SIN		0.00	-30.67	-1.24	-37.39	-332.10	100.08	-19.50	-13.86	6.28	3.03	-6.62	-1.08	3.18	3.58	-1.60	-4.70
MRBLD1TOR71_COS		-237.66	41.50	-28.91	-28.13	-40.90	97.33	73.17	45.78	-3.50	-2.86	-4.54	-1.35	16.40	0.24	-2.82	2.30
MRBLD1TOR71_SIN		0.00	-29.64	-7.39	-22.04	-347.29	89.64	-9.42	-13.86	6.17	4.20	-3.96	-1.64	2.28	4.10	0.44	-2.96
MRBLD1TOR130_COS		-5.97	40.84	-9.93	-36.70	-34.91	81.05	58.26	36.92	-5.58	-3.11	3.53	-2.69	2.37	-3.79	-2.48	1.41
MRBLD1TOR130_SIN		0.00	-26.25	-1.86	1.16	-356.91	69.89	3.13	-10.73	7.37	0.22	-5.44	-1.75	-3.74	-2.10	0.68	2.82
MRBLD1TOR164_COS		-205.93	29.80	44.17	-28.16	-73.17	48.39	23.59	9.50	-1.37	1.45	4.01	-1.40	-3.90	0.12	-1.26	-0.42
MRBLD1TOR164_SIN		0.00	-6.39	3.63	3.25	-158.36	34.72	6.46	-8.45	1.70	2.31	-1.92	-2.81	-3.98	-1.43	-2.48	2.04
MRFBM1CB26P5_COS		-4784.02	-541.70	-77.18	62.30	53.45	20.49	37.40	12.20	-10.36	1.96	1.51	2.55	-1.93	-0.50	-1.40	4.64
MRFBM1CB26P5_SIN		0.00	-163.55	5.42	-56.12	-26.75	-6.36	-56.24	4.73	0.62	-4.73	-6.42	-1.90	-0.58	-1.52	-0.79	-1.26
MRFBM1FB9_COS		316.73	-44.77	178.54	-54.79	67.74	-8.96	12.62	-15.55	0.17	-0.27	-3.29	-0.72	0.82	-0.27	0.14	-0.55
MRFBM1FB9_SIN		0.00	40.15	62.67	87.09	-117.85	-5.80	24.11	-7.08	-1.44	1.26	1.77	0.00	0.84	0.62	1.44	0.47
MRFBM1TOR26P5_COS		-365.37	95.47	-0.24	-0.10	-1.64	1.79	0.47	0.57	0.18	0.04	-0.16	0.12	0.06	0.18	0.17	-0.12
MRFBM1TOR26P5_SIN		0.00	-68.27	-0.39	0.34	-7.77	1.40	-1.65	0.12	0.04	0.17	0.34	0.25	0.10	0.12	0.02	-0.04

RUN	POINT	Harmonics															
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1064.32	-1203.93	-157.55	204.90	-152.65	107.65	7.89	129.95	30.85	0.40	-13.72	2.74	-18.37	-7.73	-14.98	6.88
MRPC1CB33P25_SIN		0.00	-225.37	-2.06	-235.14	197.00	9.63	-117.84	29.75	40.83	1.24	-63.36	-16.78	-3.46	-12.80	-17.78	-13.27
MRPC1FB33P25_COS		2270.30	16.16	-311.55	134.64	-287.62	103.25	-34.96	237.31	-61.08	3.88	82.00	35.22	-24.80	-9.17	-29.74	20.10
MRPC1FB33P25_SIN		0.00	159.87	-156.27	-311.34	937.91	21.51	-19.90	22.95	-7.77	-76.24	-38.27	-2.34	-14.56	-8.48	-41.36	-27.65
MRPC1TOR25P5_COS		-802.83	-27.60	14.06	27.94	23.30	-121.28	-82.69	-68.08	4.65	-3.81	4.40	-4.41	-22.01	-7.99	-5.38	4.64
MRPC1TOR25P5_SIN		0.00	92.65	-50.96	38.27	410.88	-117.59	25.12	11.71	-4.02	-1.83	-5.72	-5.95	-9.37	-7.18	-3.68	3.48
MRPLK1LOAD_COS		-91.42	11.57	2.40	4.65	4.67	-17.88	-10.62	-9.69	-0.04	-0.20	1.24	-1.69	-2.59	-1.72	-1.32	1.16
MRPLK1LOAD_SIN		0.00	-14.49	-2.77	4.55	51.35	-14.76	3.39	1.91	-0.72	-0.25	-1.50	-1.51	-1.67	-1.25	-0.29	0.56
PITCHRH_COS		10103.12	-8723.12	-378.59	54.31	-150.68	2827.61	-342.60	22.49	138.02	31.24	847.78	-9.54	-116.91	-130.55	44.58	-147.66
PITCHRH_SIN		0.00	3194.42	-424.43	33.60	-11.51	2280.49	-26.31	157.93	46.84	-105.99	-83.25	66.03	32.51	63.35	147.76	-94.45
ROLLRH_COS		-356.96	-2758.93	410.70	-10.63	-587.31	-6336.24	-75.06	-23.70	252.04	43.65	206.65	-159.50	150.69	-250.97	89.11	96.92
ROLLRH_SIN		0.00	-8505.87	-626.61	-79.74	121.35	1006.82	-309.56	-34.17	-27.04	-51.14	-145.54	-113.99	41.55	29.48	-189.31	-93.29
TORQ_COS		30512.72	492.76	-4.17	8.61	20.98	-75.45	-0.73	-17.98	-0.80	-6.45	22.62	-0.71	-2.70	-1.87	-4.10	-15.70
TORQ_SIN		0.00	532.60	-15.30	20.78	63.42	-73.98	2.86	-5.45	-14.83	-3.13	33.68	6.27	-21.24	5.94	-11.92	6.77
THRUST_COS		5787.01	-71.25	7.38	5.33	10.01	-153.42	6.67	2.63	3.87	-5.00	-19.11	26.20	1.19	-9.32	12.36	12.51
THRUST_SIN		0.00	-18.11	10.42	5.50	-5.79	-79.17	5.11	8.11	0.84	0.94	-48.46	2.18	8.00	6.14	12.70	21.85

RUN	POINT	Harmonics															
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.40	9.01	-11.72	1.60	27.40	392.65	11.02	-2.35	-11.95	-0.17	-2.63	4.86	-4.59	7.47	-2.57	-2.93
SIDERH_SIN		0.00	189.38	13.28	1.83	-76.50	-501.74	24.75	6.39	-0.29	1.47	1.38	6.63	-1.62	-0.66	5.76	3.49
DRAGRH_COS		-207.12	227.36	11.78	-8.26	-15.76	160.96	-15.54	14.98	1.68	3.26	10.88	4.53	3.00	5.00	-2.57	11.01
DRAGRH_SIN		0.00	-71.36	11.43	2.30	33.21	782.64	-8.70	-6.09	-11.63	17.87	-23.59	-6.36	-0.96	0.51	-4.89	4.52

RUN	POINT	Harmonics															
52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.02	0.03	0.01	-0.01	0.00	0.02	0.00	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.23	2.08	1.66	-2.66	-9.60	-2.23	0.44	0.22	-0.01	-0.02	-0.02	0.31	1.92	0.07	-0.09	0.20
ACT1FORCE_SIN		0.00	10.93	1.38	2.51	7.47	-0.85	-0.42	0.35	0.29	0.09	-0.12	0.02	1.34	0.01	0.09	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.09	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.00	-18.48	-16.35	15.97	210.51	15.14	-5.78	0.14	0.30	0.07	0.01	0.08	-0.04	-0.03	-0.07	-0.04
FA1IBVOLTAGE_SIN		0.00	-67.99	-5.73	-16.53	99.44	1.66	6.31	-0.17	-0.07	-0.08	0.00	0.06	0.61	0.07	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.91	18.63	16.43	-15.89	-211.32	-15.46	5.69	-0.10	0.22	0.00	0.00	-0.08	0.02	0.01	0.07	0.04
FA1OBVOLTAGE_SIN		0.00	68.13	5.82	16.78	-99.14	-1.73	-6.34	0.05	-0.26	0.03	0.05	-0.04	-0.56	-0.05	0.00	0.01
MRBLD1CB42P75_COS		-4026.42	-1334.07	-98.54	232.68	-152.39	35.09	-22.05	41.26	31.34	35.17	-3.35	-4.25	-12.39	-5.26	-27.62	2.01
MRBLD1CB42P75_SIN		0.00	-245.55	-47.87	-98.03	128.97	6.82	-42.04	57.13	14.62	16.17	-62.49	-37.16	-25.43	-17.22	-17.42	-21.29

RUN	POINT	Harmonics															
52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.57	-663.46	241.53	200.33	-186.27	42.90	-99.77	20.39	27.16	34.00	11.33	-4.97	-9.22	-4.55	-17.83	-8.92
MRBLD1CB70_SIN		0.00	-161.91	-50.01	-74.41	193.26	25.52	48.00	42.54	24.97	21.00	-47.89	-24.16	-11.30	-7.21	-13.95	-14.47
MRBLD1CB120_COS		-558.04	-180.33	393.73	154.34	-155.32	61.60	-140.81	11.59	-26.56	-11.66	22.24	8.76	5.31	-2.00	6.18	6.27
MRBLD1CB120_SIN		0.00	4.84	-104.82	-121.39	225.83	21.29	115.66	-2.09	-8.67	-21.97	41.20	17.22	8.98	8.68	-0.43	-2.32
MRBLD1CB164_COS		-1981.98	-64.89	129.95	20.33	-104.98	7.88	-69.95	-1.79	-22.33	-12.70	9.08	11.49	11.82	1.32	5.12	-0.80
MRBLD1CB164_SIN		0.00	49.71	-47.00	-34.39	134.68	4.18	60.38	-17.62	-21.68	-33.96	41.06	16.18	7.41	2.23	12.04	13.42
MRBLD1FB42P75_COS		3105.18	75.02	-444.42	197.38	-89.64	68.93	-23.49	99.61	-38.61	-13.49	38.99	6.19	-17.22	-9.24	-46.75	-18.79
MRBLD1FB42P75_SIN		0.00	36.17	-99.52	-133.01	506.69	12.37	-0.53	23.60	-11.32	-60.81	-32.83	-36.48	-19.59	-7.11	18.21	-44.77
MRBLD1FB70_COS		405.47	-96.14	-232.77	39.65	-60.08	17.26	-6.63	25.40	-1.12	-0.74	-3.05	-3.39	1.10	1.41	10.64	4.21
MRBLD1FB70_SIN		0.00	-131.58	-33.69	-52.58	146.07	-5.31	-3.44	6.44	1.63	0.72	1.10	2.13	1.18	0.68	-2.81	10.47
MRBLD1FB87_COS		-86.51	-55.35	-180.97	0.03	-44.28	-12.30	-7.64	-8.64	7.66	4.74	-0.21	4.03	5.77	1.82	9.19	3.55
MRBLD1FB87_SIN		0.00	-123.92	2.67	8.35	75.80	-2.86	-3.90	-7.47	-2.97	8.97	8.32	10.04	5.96	3.84	-2.52	8.68
MRBLD1FB120_COS		-467.44	-49.18	-249.92	-14.01	0.73	-33.26	7.91	-28.86	4.08	0.36	-0.78	-3.36	-5.16	-0.13	-14.10	-5.75
MRBLD1FB120_SIN		0.00	-167.93	28.02	73.54	25.99	5.47	4.37	-5.48	4.12	0.75	-7.43	-7.94	-5.80	-5.89	2.90	-13.19
MRBLD1FB164_COS		-107.17	-19.76	-368.67	23.02	113.00	33.58	19.63	37.76	-6.29	4.48	2.24	8.75	12.38	1.52	4.32	2.87
MRBLD1FB164_SIN		0.00	-211.94	23.90	68.96	-273.33	-10.45	-11.17	-5.82	-8.24	3.60	12.72	13.37	2.34	-1.30	-0.85	10.08

RUN	POINT	Harmonics															
52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.35	-9.45	-217.25	20.97	82.36	36.03	-4.04	29.58	-3.05	8.28	5.18	12.10	11.54	-0.29	-13.94	-1.00
MRBLD1FB180_SIN		0.00	-152.44	14.36	28.40	-211.35	-26.85	-7.38	-11.80	-26.12	1.93	10.32	9.11	0.97	-1.51	4.30	-14.23
MRBLD1TOR51_COS		-1380.28	34.93	-27.97	21.43	-35.23	47.95	23.97	39.98	0.91	2.32	0.42	2.32	10.93	-1.81	-4.78	2.85
MRBLD1TOR51_SIN		0.00	-30.87	-5.16	-5.69	-156.78	36.52	-13.68	12.92	2.35	-1.82	-4.53	-0.37	5.49	1.13	-1.04	-0.92
MRBLD1TOR71_COS		-236.62	41.69	-33.29	5.25	-22.70	41.77	27.12	32.06	-0.52	-0.22	-1.54	1.62	9.42	-0.46	-2.50	2.22
MRBLD1TOR71_SIN		0.00	-32.48	-9.47	-7.17	-167.03	32.29	-8.30	10.12	3.33	-0.23	-2.12	1.74	5.96	2.09	-0.08	-0.32
MRBLD1TOR130_COS		-4.03	40.85	-12.75	-5.96	-12.75	33.38	20.66	24.40	-1.94	1.05	0.88	1.75	0.98	-0.68	-0.72	-1.56
MRBLD1TOR130_SIN		0.00	-27.95	-3.00	-1.09	-167.73	27.52	-1.36	9.62	3.16	0.17	1.61	0.23	-1.50	-0.64	-0.43	0.00
MRBLD1TOR164_COS		-205.45	30.01	47.50	-12.00	-40.03	16.75	3.51	6.79	-0.17	2.92	2.46	0.49	-3.23	2.08	-0.67	-0.96
MRBLD1TOR164_SIN		0.00	-7.78	1.79	-9.69	-84.16	14.94	2.89	2.43	0.74	1.96	2.50	1.34	-3.26	-0.24	-2.17	-2.85
MRFBM1CB26P5_COS		-4785.13	-569.06	-82.33	69.66	23.26	1.06	17.45	4.36	0.19	-0.85	-2.07	1.15	1.20	-0.13	-1.78	4.67
MRFBM1CB26P5_SIN		0.00	-154.74	-1.60	-33.30	-23.69	-10.52	-25.15	3.19	-3.98	-3.27	-1.00	-1.07	-1.51	-0.70	-1.05	-2.15
MRFBM1FB9_COS		320.78	-33.20	198.46	-58.30	40.08	-3.87	5.82	-2.92	-0.51	-1.92	-2.51	-1.09	-0.50	-0.29	0.66	-1.11
MRFBM1FB9_SIN		0.00	33.32	62.66	9.27	-53.42	-4.66	9.74	-5.43	0.36	0.35	0.42	0.83	0.95	0.60	1.49	0.92
MRFBM1TOR26P5_COS		-365.08	95.75	-0.32	0.11	-0.77	0.80	-0.07	0.38	-0.01	-0.09	-0.12	-0.02	0.06	0.01	0.02	0.00
MRFBM1TOR26P5_SIN		0.00	-67.77	-0.44	0.37	-3.10	0.28	-0.42	0.11	0.11	0.12	-0.07	0.01	0.08	0.07	0.09	0.07

RUN	POINT	Harmonics															
52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1070.54	-1278.83	-179.07	223.40	-85.95	31.98	-5.27	39.77	11.88	22.31	0.39	2.24	-6.45	-2.99	-23.15	8.23
MRPC1CB33P25_SIN		0.00	-204.48	-24.15	-104.55	87.28	-2.70	-52.12	38.96	-0.49	-3.07	-34.42	-23.93	-18.35	-11.43	-15.23	-20.54
MRPC1FB33P25_COS		2268.87	30.40	-334.01	185.64	-193.11	49.04	-20.76	66.02	-19.56	24.49	49.33	29.75	0.01	-1.67	-44.73	27.83
MRPC1FB33P25_SIN		0.00	143.29	-147.45	-64.09	408.14	23.32	-4.15	56.57	-26.62	-50.71	-3.38	-19.90	-25.07	-12.25	-30.58	-42.12
MRPC1TOR25P5_COS		-805.63	-28.71	23.86	-21.34	15.59	-55.72	-33.04	-45.37	-1.73	-0.39	0.60	-2.24	-15.36	1.06	-0.58	-1.12
MRPC1TOR25P5_SIN		0.00	93.50	-44.71	15.04	194.51	-40.53	14.15	-12.00	-5.22	1.25	2.76	-1.70	-10.74	-4.09	-5.57	-5.96
MRPLK1LOAD_COS		-91.84	11.45	3.36	-1.62	2.87	-7.93	-3.94	-6.22	-0.17	0.46	0.30	-0.39	-2.19	0.25	0.12	-0.29
MRPLK1LOAD_SIN		0.00	-14.35	-1.90	1.22	24.10	-4.69	1.63	-1.58	-0.68	0.15	0.73	-0.12	-1.56	-0.74	-1.18	-1.04
PITCHRH_COS		10091.33	-8692.35	-394.17	-21.50	-98.34	1077.80	-60.95	-36.00	48.24	49.49	221.04	-101.02	48.08	-61.26	44.40	-212.14
PITCHRH_SIN		0.00	3188.04	-498.76	42.04	-65.70	1198.98	35.06	73.31	81.83	-126.44	-358.72	38.29	-25.23	10.85	-9.68	-107.54
ROLLRH_COS		-54.02	-2703.85	477.57	-57.34	-292.97	-3000.89	-69.98	27.58	71.34	127.80	78.90	-62.17	87.34	-122.83	60.72	-142.89
ROLLRH_SIN		0.00	-8479.58	-575.72	-61.92	154.98	853.86	-234.32	-114.56	77.25	45.69	-2.56	-88.81	34.21	-72.74	59.09	-462.33
TORQ_COS		30341.66	510.49	0.13	-1.41	10.25	28.05	-5.41	-17.58	-13.25	2.35	28.74	2.56	-0.42	-2.62	-8.40	-18.67
TORQ_SIN		0.00	481.99	-17.18	25.14	43.04	-3.72	14.13	7.41	-0.64	-6.25	3.33	6.83	-11.25	7.66	-12.11	31.49
THRUST_COS		5806.76	-69.31	6.85	3.64	6.29	-66.19	1.76	-4.54	2.67	-0.22	-14.52	6.36	-3.80	1.69	-2.43	-5.29
THRUST_SIN		0.00	-7.66	8.75	6.56	4.45	-41.11	2.93	16.31	0.92	3.30	2.93	-1.78	-0.32	0.34	3.86	20.52

RUN	POINT	Harmonics															
52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.05	-2.13	-13.51	1.71	-9.16	173.21	4.59	-4.01	-2.40	-4.73	-3.18	1.74	-2.91	3.32	-1.75	4.19
SIDERH_SIN		0.00	199.96	12.05	3.41	-66.48	-229.61	11.82	3.46	-2.34	-2.86	-1.69	5.27	-0.58	2.44	-1.78	14.24
DRAGRH_COS		-215.69	228.79	9.45	-4.09	-13.05	70.61	-17.23	6.71	2.91	-3.82	-3.43	7.84	-0.57	2.79	-1.80	8.57
DRAGRH_SIN		0.00	-70.29	15.18	0.63	29.11	296.65	-11.19	6.44	-5.11	10.54	14.93	-2.93	1.52	-0.13	-0.24	4.19

RUN	POINT	Harmonics															
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.61	2.10	1.43	-1.95	-10.03	-3.18	0.67	0.05	-0.01	-0.02	-0.19	0.07	2.58	0.10	-0.13	0.27
ACT1FORCE_SIN		0.00	10.75	1.29	2.59	11.43	-1.02	-0.30	0.21	0.18	0.22	-0.03	0.06	1.33	0.06	0.14	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.63	-17.82	-14.92	10.57	264.07	21.19	-8.11	-0.02	0.60	0.15	-0.06	0.08	-0.12	-0.05	-0.17	-0.03
FA1IBVOLTAGE_SIN		0.00	-63.18	-5.36	-17.51	139.01	1.65	6.20	-0.16	-0.04	-0.06	0.07	0.02	0.85	0.10	-0.01	0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.39	18.04	15.00	-10.46	-265.47	-21.61	7.99	0.05	0.43	-0.01	0.04	-0.08	0.06	0.02	0.16	0.03
FA1OBVOLTAGE_SIN		0.00	63.32	5.47	17.84	-138.22	-1.74	-6.27	0.00	-0.38	-0.02	0.03	0.00	-0.81	-0.10	-0.01	-0.12
MRBLD1CB42P75_COS		-4059.08	-1315.09	-87.16	228.97	-237.86	79.75	-14.55	105.63	51.53	30.05	-13.77	-11.09	-19.61	-8.02	-24.15	-3.85
MRBLD1CB42P75_SIN		0.00	-220.47	-33.08	-174.45	161.52	22.39	-72.08	62.75	46.31	18.32	-77.05	-44.98	-22.86	-20.21	-14.75	-21.50

RUN	POINT	Harmonics															
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2748.03	-650.00	248.43	214.09	-319.87	74.73	-130.41	75.28	58.66	26.06	8.08	-11.98	-9.28	-7.26	-15.54	-15.71
MRBLD1CB70_SIN		0.00	-152.33	-33.35	-145.47	199.40	37.28	66.50	42.23	46.98	26.26	-51.25	-26.60	-10.18	-5.11	-14.83	-14.88
MRBLD1CB120_COS		-562.93	-174.55	390.45	163.15	-273.96	69.93	-221.64	45.09	-27.37	-18.20	29.33	13.22	9.82	-2.18	4.60	6.27
MRBLD1CB120_SIN		0.00	7.65	-93.77	-179.62	255.23	18.32	174.19	-7.78	-24.08	-27.43	50.86	24.08	7.02	10.71	-1.98	-4.87
MRBLD1CB164_COS		-1988.51	-65.55	126.49	24.24	-151.24	-1.17	-117.25	-7.24	-33.24	-12.85	12.00	17.28	14.52	3.25	4.28	3.90
MRBLD1CB164_SIN		0.00	47.40	-47.52	-57.60	171.75	-7.64	93.99	-20.88	-40.26	-41.63	45.38	17.86	8.23	0.21	14.15	16.95
MRBLD1FB42P75_COS		3128.75	67.63	-432.13	118.31	-57.48	111.52	-35.69	216.89	-49.84	-36.95	22.62	7.89	-27.16	-13.95	-41.96	-31.60
MRBLD1FB42P75_SIN		0.00	35.10	-110.46	-260.09	802.89	6.61	-14.68	-20.76	9.98	-60.85	-42.01	-35.68	-10.95	-8.53	17.33	-36.33
MRBLD1FB70_COS		408.72	-97.32	-227.36	17.41	-60.65	28.89	-12.39	47.23	-0.70	-2.38	-3.55	-3.19	2.36	1.96	9.62	6.95
MRBLD1FB70_SIN		0.00	-127.13	-39.27	-97.53	236.90	-7.57	-8.58	-1.93	4.41	1.26	0.47	2.21	0.74	0.62	-3.13	8.77
MRBLD1FB87_COS		-84.80	-56.57	-177.19	-8.22	-43.30	-12.42	-9.48	-18.80	8.69	8.29	4.08	3.81	7.66	2.93	8.20	5.69
MRBLD1FB87_SIN		0.00	-120.46	-4.42	-15.76	117.28	-3.67	-4.85	-4.94	-5.86	8.78	10.57	10.48	3.45	4.18	-1.71	7.20
MRBLD1FB120_COS		-468.18	-51.39	-239.87	-17.88	7.93	-50.11	12.49	-58.88	5.30	1.59	-2.79	-4.45	-6.70	-0.93	-13.61	-9.13
MRBLD1FB120_SIN		0.00	-169.36	21.77	53.05	23.81	3.71	9.88	7.52	0.75	1.04	-8.15	-7.59	-4.35	-6.46	1.45	-11.45
MRBLD1FB164_COS		-103.61	-21.02	-347.15	-0.29	94.14	25.81	14.75	78.44	-9.15	2.13	4.57	9.63	13.39	0.43	3.52	4.25
MRBLD1FB164_SIN		0.00	-211.27	21.01	51.40	-447.97	-7.63	-9.36	-21.19	-4.29	1.43	12.45	14.49	0.74	-0.44	0.49	8.84

RUN	POINT	Harmonics															
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.41	-11.96	-205.22	3.55	57.03	35.68	-9.37	65.87	-5.97	11.44	14.23	14.10	18.48	2.12	-12.05	-5.09
MRBLD1FB180_SIN		0.00	-153.09	17.51	24.99	-331.29	-25.39	-2.17	-24.86	-24.53	4.80	13.01	7.57	-0.73	-0.41	3.81	-13.16
MRBLD1TOR51_COS		-1378.11	35.54	-23.28	1.32	-49.02	85.86	36.61	57.35	1.38	1.80	-0.64	1.31	15.28	-0.93	-3.31	1.02
MRBLD1TOR51_SIN		0.00	-28.90	-3.12	-20.31	-239.33	64.17	-32.56	2.17	3.25	0.29	-3.34	-0.66	4.99	2.07	-0.22	-2.39
MRBLD1TOR71_COS		-235.73	42.01	-29.95	-12.05	-31.72	74.05	41.12	41.68	-0.14	-0.04	-2.86	1.07	13.66	0.00	-2.52	1.96
MRBLD1TOR71_SIN		0.00	-30.12	-8.40	-13.73	-252.21	57.22	-23.84	-0.52	3.61	1.41	-0.39	1.25	5.27	3.32	0.75	-1.84
MRBLD1TOR130_COS		-4.01	41.13	-10.28	-21.48	-23.94	60.30	33.10	32.98	-2.04	0.38	-0.99	1.06	0.76	-1.23	-2.43	-0.41
MRBLD1TOR130_SIN		0.00	-26.46	-1.93	0.68	-258.51	45.67	-11.51	1.40	4.80	-0.44	1.00	-0.01	-2.81	-0.51	-0.13	0.33
MRBLD1TOR164_COS		-205.93	30.29	46.41	-19.51	-56.37	35.11	11.02	8.74	-0.28	2.84	1.88	0.52	-4.98	1.88	-1.76	-0.97
MRBLD1TOR164_SIN		0.00	-6.62	2.84	-2.37	-121.35	24.22	-2.45	-2.35	1.75	1.77	1.89	0.51	-4.26	-0.85	-2.12	-1.77
MRFBM1CB26P5_COS		-4809.91	-561.62	-79.18	63.74	36.80	9.60	25.52	7.79	-4.65	-0.07	-3.44	1.94	-0.40	0.24	-1.70	4.66
MRFBM1CB26P5_SIN		0.00	-141.18	2.88	-43.82	-24.62	-9.24	-38.56	3.98	-0.97	-4.63	-3.48	-1.72	-1.30	-1.58	-0.31	-2.81
MRFBM1FB9_COS		337.70	-47.31	187.75	-51.29	52.61	-7.56	9.01	-10.35	-0.15	-1.21	-2.67	-0.95	0.03	-0.37	0.57	-0.70
MRFBM1FB9_SIN		0.00	26.78	63.49	47.89	-84.88	-6.05	15.86	-8.08	-0.65	0.79	1.10	0.95	1.22	0.72	1.44	1.27
MRFBM1TOR26P5_COS		-365.02	95.71	-0.15	-0.10	-1.18	1.43	-0.24	0.54	0.00	-0.09	0.02	-0.04	0.11	0.05	0.11	-0.05
MRFBM1TOR26P5_SIN		0.00	-67.95	-0.46	0.37	-4.80	0.52	-0.91	0.10	0.01	0.20	-0.05	0.07	0.09	0.06	0.06	0.10

RUN	POINT	Harmonics															
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1095.49	-1256.43	-166.25	207.15	-120.53	70.70	0.00	92.25	16.03	17.89	-8.00	-0.97	-12.96	-5.66	-20.22	3.12
MRPC1CB33P25_SIN		0.00	-177.85	-10.75	-166.49	133.88	5.53	-85.52	42.89	20.26	-4.87	-45.63	-28.82	-16.14	-14.98	-12.65	-22.50
MRPC1FB33P25_COS		2286.70	23.86	-321.74	144.89	-236.78	83.75	-25.75	174.06	-35.62	7.35	42.54	30.75	-13.05	-3.77	-41.86	13.00
MRPC1FB33P25_SIN		0.00	140.52	-153.20	-182.21	660.94	28.30	-14.73	67.24	-14.45	-60.98	-19.71	-19.58	-26.37	-15.79	-27.05	-48.69
MRPC1TOR25P5_COS		-806.32	-29.00	18.80	3.78	20.07	-94.60	-44.70	-60.81	-0.45	-1.58	-1.46	-2.21	-21.49	-1.42	-4.97	0.99
MRPC1TOR25P5_SIN		0.00	90.86	-47.64	25.61	294.26	-72.11	35.32	-1.04	-3.21	-1.30	-0.33	-2.79	-10.84	-4.90	-5.17	-5.51
MRPLK1LOAD_COS		-92.02	11.39	2.76	1.64	3.79	-13.79	-5.11	-8.73	-0.11	0.37	-0.33	-0.43	-3.06	-0.21	-0.96	0.32
MRPLK1LOAD_SIN		0.00	-14.82	-2.32	2.74	36.52	-8.73	4.50	0.00	-0.39	-0.34	0.23	-0.43	-1.69	-0.73	-1.03	-1.09
PITCHRH_COS		10242.72	-8719.76	-372.12	4.12	-103.51	1810.23	-1.36	-60.99	51.20	109.65	357.61	-146.78	25.37	-27.09	-62.91	-179.66
PITCHRH_SIN		0.00	3187.83	-455.63	42.76	-98.81	2030.32	-93.54	73.64	139.08	-160.52	-362.69	74.67	6.68	81.24	-20.12	33.70
ROLLRH_COS		16.32	-2745.23	459.18	-56.19	-446.55	-4730.65	-7.79	-35.01	94.15	21.50	127.17	-109.39	146.66	-125.35	-103.00	-85.96
ROLLRH_SIN		0.00	-8517.26	-608.27	-51.67	121.21	1162.62	-239.93	-89.67	4.98	41.49	-103.23	-133.44	47.41	-47.42	8.62	-280.94
TORQ_COS		29977.96	489.28	1.09	10.86	35.50	-18.14	-10.12	-12.15	-2.76	-0.91	36.12	-0.14	2.37	-3.21	-9.10	-27.61
TORQ_SIN		0.00	512.68	-25.07	23.86	65.15	-39.03	15.34	5.52	-13.47	-3.92	14.84	8.41	-10.09	5.88	-12.05	30.43
THRUST_COS		5858.24	-70.99	6.09	3.69	7.04	-113.50	1.41	-4.47	3.99	-2.93	-15.19	18.43	-1.74	-0.37	-6.28	13.74
THRUST_SIN		0.00	-13.22	9.72	7.19	0.68	-57.87	6.22	16.50	0.89	3.98	-1.88	-2.93	1.44	2.39	4.59	16.85

RUN	POINT	Harmonics															
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.97	6.43	-12.96	3.15	4.98	267.13	2.35	-1.45	-5.21	0.29	-3.17	2.10	-4.42	3.70	3.14	2.04
SIDERH_SIN		0.00	197.04	12.92	1.84	-64.83	-361.96	15.69	4.54	-1.69	-3.51	-0.43	7.29	-1.08	1.90	-0.81	8.95
DRAGRH_COS		-212.28	228.66	10.11	-5.18	-12.59	111.23	-23.92	9.26	6.21	-6.19	1.06	11.45	-0.43	1.35	3.01	8.91
DRAGRH_SIN		0.00	-71.02	13.39	2.27	38.75	483.65	-2.40	-0.79	-10.18	10.11	1.79	-2.84	-1.61	-1.82	0.44	-2.04

RUN	POINT	Harmonics															
52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	0.81	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.02	0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.67	2.16	1.28	-1.91	-9.94	-3.16	0.65	0.17	-0.01	-0.03	-0.18	0.05	2.60	0.07	-0.09	0.34
ACT1FORCE_SIN		0.00	10.90	1.41	2.49	11.58	-0.97	-0.36	0.30	0.15	0.21	0.01	0.10	1.30	0.06	0.14	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.26	-18.13	-14.70	10.84	263.00	20.68	-7.88	0.11	0.61	0.14	-0.03	-0.04	-0.08	0.10	-0.09	0.01
FA1IBVOLTAGE_SIN		0.00	-63.96	-5.78	-17.30	138.54	1.11	6.59	-0.09	-0.21	-0.03	-0.02	0.03	0.91	0.10	0.01	0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.76	18.31	14.77	-10.73	-264.18	-21.09	7.76	-0.07	0.42	-0.02	0.01	0.02	0.02	-0.14	0.10	0.01
FA1OBVOLTAGE_SIN		0.00	64.12	5.91	17.63	-138.17	-1.25	-6.66	-0.06	-0.21	-0.06	0.11	-0.02	-0.86	-0.09	0.00	-0.09
MRBLD1CB42P75_COS		-4036.10	-1241.08	-79.00	223.82	-243.24	76.17	-16.94	103.09	59.11	23.01	-21.48	-13.04	-16.21	-9.76	-27.99	-6.88
MRBLD1CB42P75_SIN		0.00	-207.77	-34.49	-187.26	174.37	18.49	-67.87	47.30	47.07	23.70	-65.83	-39.15	-24.47	-23.41	-14.87	-24.32

RUN	POINT	Harmonics															
52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2762.13	-607.68	250.71	211.15	-336.47	70.31	-134.73	72.46	64.80	20.79	-1.68	-13.65	-6.50	-8.91	-18.37	-19.39
MRBLD1CB70_SIN		0.00	-138.56	-32.47	-154.61	213.52	25.08	80.08	30.49	47.23	30.14	-40.57	-22.10	-10.05	-7.09	-15.45	-16.94
MRBLD1CB120_COS		-562.75	-163.33	389.73	160.02	-288.39	64.77	-227.88	41.40	-29.87	-12.43	33.99	15.28	8.47	-1.19	4.75	5.75
MRBLD1CB120_SIN		0.00	21.50	-92.88	-185.61	271.58	5.80	192.71	-16.75	-25.72	-31.84	44.58	21.75	8.62	12.68	-1.71	-5.49
MRBLD1CB164_COS		-1989.33	-63.28	125.98	22.47	-156.60	-3.34	-120.88	-8.04	-37.51	-6.00	21.45	19.66	13.19	4.26	5.75	6.35
MRBLD1CB164_SIN		0.00	52.36	-47.84	-62.88	179.27	-14.15	101.44	-20.37	-41.75	-45.39	37.51	15.06	7.14	0.52	14.75	19.34
MRBLD1FB42P75_COS		3115.31	48.92	-427.39	100.11	-26.37	111.24	-35.38	190.56	-47.05	-27.91	30.17	12.38	-26.56	-15.22	-44.17	-39.54
MRBLD1FB42P75_SIN		0.00	35.02	-116.40	-293.02	833.29	22.07	-6.40	-48.82	9.46	-64.95	-50.01	-35.26	-12.61	-8.08	23.92	-34.70
MRBLD1FB70_COS		407.53	-97.06	-225.27	11.62	-52.02	28.65	-12.39	42.81	-0.37	-2.51	-3.70	-3.34	2.37	2.12	10.54	8.83
MRBLD1FB70_SIN		0.00	-127.44	-39.84	-109.48	246.76	-4.39	-6.22	-7.34	3.51	1.08	1.04	2.55	0.89	0.55	-4.72	8.52
MRBLD1FB87_COS		-84.94	-57.00	-177.22	-11.88	-40.11	-12.35	-10.00	-16.48	7.89	6.53	2.50	3.26	7.70	3.23	8.38	7.12
MRBLD1FB87_SIN		0.00	-121.65	-3.55	-22.35	122.15	-2.60	-4.36	-1.91	-5.59	9.28	11.75	10.06	3.77	4.00	-3.42	6.50
MRBLD1FB120_COS		-466.21	-49.37	-240.22	-21.34	7.30	-50.16	11.82	-51.82	5.69	2.91	-1.91	-4.84	-7.51	-1.06	-13.46	-11.01
MRBLD1FB120_SIN		0.00	-174.61	21.97	45.16	21.96	1.77	7.64	14.66	1.51	1.36	-8.65	-7.41	-3.91	-5.58	4.38	-10.43
MRBLD1FB164_COS		-106.63	-19.73	-344.67	-5.14	86.53	26.93	14.68	69.30	-10.51	1.53	3.75	10.11	13.70	0.25	3.48	5.96
MRBLD1FB164_SIN		0.00	-220.29	22.17	48.28	-463.08	-9.98	-8.95	-31.92	-4.68	0.70	12.85	13.61	0.12	-0.71	-0.15	9.48

RUN	POINT	Harmonics															
52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.50	-12.62	-203.78	0.96	51.82	35.94	-10.09	56.80	-7.01	10.23	10.88	11.38	16.39	2.13	-12.83	-8.12
MRBLD1FB180_SIN		0.00	-158.71	19.15	25.91	-341.76	-26.42	0.05	-34.15	-26.11	2.36	12.01	4.28	0.01	1.14	7.28	-12.18
MRBLD1TOR51_COS		-1379.22	36.03	-21.15	-0.28	-49.73	87.74	40.48	52.65	1.71	2.00	-1.16	1.16	15.02	-0.96	-3.57	1.05
MRBLD1TOR51_SIN		0.00	-29.95	-4.74	-22.97	-236.12	64.81	-35.54	-4.41	2.14	-0.15	-3.16	-1.17	4.68	2.28	0.70	-2.87
MRBLD1TOR71_COS		-236.07	41.95	-28.02	-12.72	-32.56	76.09	45.24	37.82	-0.01	-0.02	-3.27	0.97	13.22	-0.09	-2.68	2.05
MRBLD1TOR71_SIN		0.00	-31.39	-9.81	-15.18	-250.77	57.52	-27.13	-5.14	2.49	0.63	-0.65	0.55	4.97	3.54	0.92	-2.12
MRBLD1TOR130_COS		-4.04	41.39	-8.57	-21.66	-25.46	62.19	36.98	29.78	-1.78	0.38	-0.73	1.45	0.99	-1.43	-2.67	-0.47
MRBLD1TOR130_SIN		0.00	-27.58	-3.03	1.19	-258.68	45.48	-14.12	-3.15	4.14	-1.02	0.89	0.28	-2.93	-0.57	-1.05	0.37
MRBLD1TOR164_COS		-205.33	30.01	47.18	-18.80	-57.05	35.46	12.74	7.27	-0.15	2.56	1.62	0.62	-5.14	1.79	-2.58	-1.84
MRBLD1TOR164_SIN		0.00	-6.64	2.28	-0.58	-118.38	24.95	-3.04	-3.69	1.92	1.81	1.72	0.64	-4.15	-0.61	-2.74	-1.98
MRFBM1CB26P5_COS		-4795.14	-526.91	-75.25	62.13	39.84	9.54	25.78	7.59	-4.06	0.16	-1.93	2.21	-0.34	0.31	-1.93	4.71
MRFBM1CB26P5_SIN		0.00	-134.66	1.52	-45.19	-24.69	-7.98	-41.05	2.77	-0.31	-4.59	-4.17	-1.75	-1.73	-1.50	-0.11	-3.12
MRFBM1FB9_COS		321.55	-67.86	184.34	-49.50	51.42	-6.82	10.03	-10.48	-0.28	-1.21	-2.58	-0.80	-0.13	-0.36	0.72	-0.64
MRFBM1FB9_SIN		0.00	36.56	65.77	56.96	-89.35	-6.82	15.82	-6.00	-0.73	0.53	0.73	0.74	1.21	0.83	1.50	1.58
MRFBM1TOR26P5_COS		-365.10	95.37	-0.15	-0.09	-1.27	1.49	-0.26	0.53	0.01	-0.08	0.00	-0.06	0.11	0.07	0.14	-0.03
MRFBM1TOR26P5_SIN		0.00	-68.26	-0.43	0.38	-4.85	0.47	-0.97	0.09	-0.01	0.21	-0.03	0.06	0.09	0.06	0.10	0.11

RUN	POINT	Harmonics															
52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1076.30	-1188.82	-157.64	200.82	-116.82	67.83	-1.54	89.10	21.15	15.31	-9.31	-1.13	-11.24	-6.65	-23.39	0.44
MRPC1CB33P25_SIN		0.00	-170.33	-13.96	-177.33	145.32	7.26	-84.39	28.92	21.26	-1.48	-40.65	-24.98	-17.43	-16.82	-12.14	-25.75
MRPC1FB33P25_COS		2274.92	7.19	-317.43	135.84	-218.04	78.91	-27.84	165.02	-33.37	15.50	52.10	33.50	-11.66	-5.09	-49.17	6.80
MRPC1FB33P25_SIN		0.00	140.43	-157.27	-212.52	693.68	39.95	-7.18	34.49	-13.11	-59.15	-21.11	-16.72	-27.11	-17.03	-25.69	-54.83
MRPC1TOR25P5_COS		-805.29	-31.38	16.48	5.80	20.02	-96.97	-48.54	-56.07	-0.14	-1.69	-0.48	-1.63	-21.21	-1.85	-6.11	-0.02
MRPC1TOR25P5_SIN		0.00	91.10	-47.02	26.67	292.63	-73.45	38.93	4.30	-1.82	-0.62	-0.20	-1.92	-10.61	-5.29	-7.87	-6.30
MRPLK1LOAD_COS		-91.83	11.37	2.51	1.93	3.79	-14.16	-5.58	-8.03	-0.12	0.28	-0.21	-0.28	-3.04	-0.35	-1.15	0.15
MRPLK1LOAD_SIN		0.00	-14.71	-2.13	2.99	36.24	-8.74	4.93	0.81	-0.19	-0.27	0.17	-0.25	-1.65	-0.76	-1.60	-1.24
PITCHRH_COS		10621.53	-8702.72	-390.26	3.39	-91.27	1957.18	-51.19	-47.38	57.84	112.79	396.20	-133.19	7.68	-54.43	-53.72	-232.86
PITCHRH_SIN		0.00	3205.13	-468.10	48.58	-92.49	2054.51	-120.84	100.77	131.97	-174.33	-332.90	78.49	3.47	82.33	-19.96	25.34
ROLLRH_COS		-140.81	-2761.96	473.73	-52.85	-446.69	-4914.69	-25.82	-33.28	123.30	50.74	147.68	-135.14	156.05	-170.86	-72.62	-120.26
ROLLRH_SIN		0.00	-8541.45	-603.59	-52.28	99.76	1277.67	-244.71	-77.57	-8.38	59.96	-89.91	-118.01	13.19	-9.91	-35.99	-331.30
TORQ_COS		30268.79	495.31	2.78	11.31	37.74	-17.83	-9.47	-10.20	-6.80	0.43	33.16	-1.34	3.15	-2.48	-8.94	-26.47
TORQ_SIN		0.00	517.73	-14.60	26.63	60.08	-31.35	17.85	5.19	-16.53	-2.33	19.93	8.78	-9.06	7.07	-11.86	34.05
THRUST_COS		5811.35	-71.65	5.38	3.70	7.43	-114.76	2.43	-1.01	4.21	-4.01	-18.73	19.91	-3.03	0.25	-7.08	16.11
THRUST_SIN		0.00	-13.45	8.99	5.62	-0.14	-63.14	5.83	15.55	0.32	3.08	0.27	-2.27	1.81	4.52	5.50	18.38

RUN	POINT	Harmonics															
52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.28	6.10	-13.51	3.02	6.05	270.29	3.02	-1.24	-6.12	-0.91	-3.62	3.23	-4.58	5.13	2.33	3.19
SIDERH_SIN		0.00	199.42	13.03	2.26	-60.54	-384.14	16.15	4.59	-1.06	-4.63	-0.84	6.52	-0.19	0.63	0.57	10.30
DRAGRH_COS		-210.90	228.82	10.86	-5.06	-12.80	122.88	-22.40	9.47	4.92	-6.35	2.23	9.63	0.54	2.64	2.54	11.16
DRAGRH_SIN		0.00	-71.61	13.32	2.50	38.41	517.68	0.38	-2.42	-11.27	11.21	-1.69	-3.11	-1.32	-1.78	0.53	-1.86

RUN	POINT	Harmonics															
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	0.81	0.00	0.00	0.01	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.75	2.13	1.35	-1.88	-9.84	-3.29	0.70	0.32	-0.11	0.00	-0.22	0.02	2.57	0.06	-0.11	0.38
ACT1FORCE_SIN		0.00	10.98	1.40	2.59	11.76	-1.01	-0.35	0.18	0.24	0.22	0.03	0.15	1.25	0.00	0.09	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.12	-17.89	-15.09	10.54	262.12	21.66	-8.21	0.12	0.60	0.13	0.02	0.06	-0.07	-0.02	-0.04	-0.06
FA1IBVOLTAGE_SIN		0.00	-64.39	-5.89	-17.75	138.72	1.37	6.63	-0.20	-0.11	-0.18	0.06	0.07	0.84	0.08	-0.03	0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.90	18.10	15.18	-10.41	-263.53	-22.08	8.09	-0.07	0.42	-0.01	-0.04	-0.06	0.03	-0.02	0.04	0.07
FA1OBVOLTAGE_SIN		0.00	64.53	5.99	18.11	-137.90	-1.46	-6.73	0.04	-0.32	0.10	0.04	-0.06	-0.79	-0.08	0.03	-0.11
MRBLD1CB42P75_COS		-4031.23	-1159.97	-81.21	229.48	-245.11	69.10	-21.60	73.66	64.35	20.70	-11.49	-12.43	-19.65	-12.12	-27.24	-6.46
MRBLD1CB42P75_SIN		0.00	-153.69	-30.83	-186.76	177.61	20.37	-68.88	48.08	46.09	23.37	-82.73	-24.91	-23.73	-18.93	-8.66	-27.86

RUN	POINT	Harmonics															
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2760.53	-558.05	245.22	213.26	-339.92	57.47	-139.08	52.23	69.49	17.75	4.90	-10.34	-6.64	-10.42	-17.02	-18.07
MRBLD1CB70_SIN		0.00	-105.21	-30.53	-154.14	216.64	31.09	81.52	31.11	45.37	30.79	-58.11	-12.49	-10.89	-3.19	-11.37	-20.74
MRBLD1CB120_COS		-564.06	-143.24	385.00	160.68	-291.71	50.42	-231.85	30.41	-27.91	-11.13	29.51	13.01	9.39	0.25	6.22	7.61
MRBLD1CB120_SIN		0.00	35.35	-90.56	-183.86	279.11	13.40	197.51	-17.21	-27.83	-33.01	54.26	11.74	7.95	11.03	-2.48	-6.06
MRBLD1CB164_COS		-1988.54	-58.17	125.49	22.51	-157.22	-9.31	-119.80	-2.67	-38.41	-3.14	15.21	16.65	12.37	5.51	4.79	4.19
MRBLD1CB164_SIN		0.00	54.84	-46.71	-60.41	183.45	-10.89	104.72	-21.24	-42.41	-46.98	52.16	6.21	7.39	-1.97	11.86	20.67
MRBLD1FB42P75_COS		3110.85	26.73	-421.36	112.97	-18.24	97.24	-49.37	124.31	-42.08	-29.60	40.60	5.53	-27.38	-13.30	-31.93	-43.63
MRBLD1FB42P75_SIN		0.00	28.12	-112.56	-286.63	856.29	24.14	-4.30	-25.67	-2.48	-76.34	-48.58	-29.06	-6.42	-6.32	25.25	-42.72
MRBLD1FB70_COS		407.41	-96.44	-223.83	15.90	-49.35	24.98	-15.06	31.64	0.47	-2.70	-4.01	-2.67	2.65	1.92	8.22	9.34
MRBLD1FB70_SIN		0.00	-124.58	-37.61	-106.83	254.22	-2.88	-4.96	-2.21	3.01	1.43	0.69	2.57	0.38	0.44	-4.82	9.97
MRBLD1FB87_COS		-84.03	-55.99	-176.04	-9.60	-38.74	-13.37	-8.94	-10.31	7.31	7.10	0.23	3.45	7.55	2.78	5.95	8.20
MRBLD1FB87_SIN		0.00	-119.72	-2.10	-20.69	124.19	-3.57	-5.38	-4.46	-4.37	10.90	12.07	7.53	1.57	2.95	-3.93	8.08
MRBLD1FB120_COS		-465.53	-50.46	-240.13	-19.72	8.86	-49.36	14.56	-36.80	4.09	2.93	-1.18	-4.66	-7.03	-0.50	-9.96	-12.35
MRBLD1FB120_SIN		0.00	-175.10	22.53	47.56	20.66	1.15	6.59	7.18	2.62	1.69	-8.44	-5.90	-2.28	-5.07	4.60	-13.20
MRBLD1FB164_COS		-108.56	-21.88	-346.46	-5.54	83.40	32.87	13.80	43.50	-8.70	1.39	2.77	10.48	13.29	-0.45	0.78	5.87
MRBLD1FB164_SIN		0.00	-221.83	24.44	49.69	-469.99	-10.83	-6.15	-21.59	-6.11	1.83	12.92	12.19	-1.35	-2.07	-0.53	10.92

RUN	POINT	Harmonics															
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.35	-12.30	-203.85	1.20	51.23	41.15	-12.44	35.03	-4.67	11.26	6.62	11.33	15.67	1.37	-9.00	-8.59
MRBLD1FB180_SIN		0.00	-160.36	20.10	27.79	-345.62	-28.23	2.51	-24.33	-26.14	5.91	13.63	0.59	-2.33	-0.62	6.67	-15.87
MRBLD1TOR51_COS		-1379.76	36.86	-22.29	0.64	-50.42	86.06	37.78	40.47	3.97	1.98	-2.52	1.46	14.92	-0.70	-2.58	2.03
MRBLD1TOR51_SIN		0.00	-29.95	-4.24	-23.48	-235.43	67.23	-37.99	-0.59	3.90	0.34	-3.53	-1.43	3.90	1.17	1.25	-3.81
MRBLD1TOR71_COS		-236.76	41.94	-28.97	-12.25	-33.26	75.35	43.40	29.54	1.63	-0.03	-4.85	1.29	13.22	0.07	-2.51	2.84
MRBLD1TOR71_SIN		0.00	-31.68	-9.47	-15.78	-250.71	59.80	-29.13	-1.26	4.38	1.43	-0.36	0.13	4.10	2.80	0.91	-2.73
MRBLD1TOR130_COS		-4.65	42.01	-9.34	-21.69	-26.29	62.38	36.05	22.07	-0.24	0.51	-0.61	1.04	0.72	-1.41	-3.54	-0.86
MRBLD1TOR130_SIN		0.00	-27.94	-2.80	0.26	-260.06	47.43	-15.55	-0.03	5.10	-1.18	1.51	0.12	-3.36	0.24	-1.06	0.60
MRBLD1TOR164_COS		-205.35	30.93	46.58	-19.18	-57.22	34.55	12.68	5.30	0.14	2.75	1.26	0.45	-5.16	1.99	-2.41	-1.92
MRBLD1TOR164_SIN		0.00	-6.58	2.25	-1.23	-118.16	25.49	-4.05	-1.78	2.22	1.70	1.98	0.28	-4.09	0.09	-2.37	-1.92
MRFBM1CB26P5_COS		-4793.70	-488.24	-74.63	63.36	39.85	10.92	25.26	4.46	-3.66	0.29	-1.56	1.21	-1.13	0.30	-1.78	4.91
MRFBM1CB26P5_SIN		0.00	-106.20	3.00	-46.04	-25.43	-8.85	-41.74	3.21	-0.56	-4.85	-2.95	-1.42	-1.21	-1.73	0.36	-3.09
MRFBM1FB9_COS		315.56	-96.73	183.83	-52.12	51.86	-5.15	11.20	-7.04	-0.72	-1.35	-2.98	-0.54	0.12	-0.20	0.73	-0.92
MRFBM1FB9_SIN		0.00	32.04	62.45	54.97	-92.02	-6.38	16.54	-4.53	-0.53	0.87	0.93	0.60	1.26	0.77	1.11	1.64
MRFBM1TOR26P5_COS		-365.17	95.13	-0.17	-0.10	-1.30	1.47	-0.33	0.51	-0.01	-0.09	-0.01	-0.04	0.13	0.07	0.15	-0.04
MRFBM1TOR26P5_SIN		0.00	-68.53	-0.47	0.33	-4.87	0.49	-0.99	0.09	0.03	0.22	-0.07	0.06	0.11	0.02	0.10	0.10

RUN	POINT	Harmonics															
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1069.50	-1115.56	-158.74	207.26	-118.18	64.02	-5.56	62.33	26.01	14.83	-2.69	-2.61	-14.31	-8.49	-21.77	1.29
MRPC1CB33P25_SIN		0.00	-124.48	-9.94	-177.65	149.00	7.37	-85.24	29.36	20.01	-3.33	-47.95	-17.13	-15.90	-14.25	-6.46	-28.97
MRPC1FB33P25_COS		2271.69	-13.30	-312.81	144.90	-216.54	67.25	-39.32	104.43	-24.04	19.69	59.12	24.75	-16.66	-5.57	-43.49	11.66
MRPC1FB33P25_SIN		0.00	132.19	-153.91	-205.25	714.20	37.83	-10.77	25.95	-20.46	-68.76	-15.50	-16.09	-24.11	-13.80	-14.89	-62.89
MRPC1TOR25P5_COS		-804.27	-35.26	19.48	5.05	20.92	-95.65	-45.57	-45.51	-1.72	-1.46	2.12	-2.21	-21.60	-2.01	-7.78	-0.35
MRPC1TOR25P5_SIN		0.00	89.55	-48.78	27.05	291.91	-76.24	41.00	-0.69	-4.62	-1.64	-0.73	-0.61	-10.49	-2.82	-7.45	-5.86
MRPLK1LOAD_COS		-91.53	11.36	2.65	1.82	3.80	-13.96	-5.16	-6.42	-0.38	0.35	0.12	-0.43	-3.13	-0.40	-1.49	0.18
MRPLK1LOAD_SIN		0.00	-14.62	-2.25	3.10	36.14	-9.13	5.29	0.14	-0.52	-0.43	0.39	-0.18	-1.68	-0.37	-1.60	-1.08
PITCHRH_COS		11130.84	-8703.33	-392.03	5.04	-108.39	1996.53	-70.05	-36.61	43.61	99.04	374.52	-130.01	20.32	-65.58	-71.67	-186.68
PITCHRH_SIN		0.00	3211.99	-460.04	43.52	-82.31	2090.18	-110.20	112.44	81.43	-187.49	-353.41	63.73	25.30	68.89	-22.76	26.62
ROLLRH_COS		-27.15	-2763.85	474.12	-60.02	-451.04	-5007.68	-25.49	-40.37	156.27	48.43	153.39	-124.95	169.61	-183.98	-87.89	-186.05
ROLLRH_SIN		0.00	-8535.81	-606.34	-48.53	91.05	1350.82	-221.27	-74.14	-27.63	19.91	-72.92	-124.87	22.42	10.53	-28.25	-307.21
TORQ_COS		30252.08	497.57	-1.65	7.80	32.79	-23.24	-8.56	-8.45	-6.61	0.16	32.98	-0.74	3.39	-3.38	-9.65	-30.44
TORQ_SIN		0.00	521.61	-16.62	26.10	61.30	-33.70	15.71	-0.84	-17.86	-3.74	16.25	6.51	-10.15	9.12	-12.05	29.91
THRUST_COS		5792.11	-70.13	6.17	4.45	8.19	-110.97	3.06	-0.47	3.90	-4.63	-17.59	21.47	-3.24	-0.01	-8.43	16.40
THRUST_SIN		0.00	-13.85	9.34	6.76	1.24	-65.28	5.12	10.46	0.95	4.20	-1.26	-4.67	-0.17	4.28	4.64	21.71

RUN	POINT	Harmonics															
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.72	5.60	-13.45	3.47	6.08	272.77	7.68	-1.70	-7.94	-0.85	-3.73	2.78	-5.10	5.61	2.76	4.80
SIDERH_SIN		0.00	197.21	12.93	1.80	-61.79	-396.45	16.31	4.78	-0.18	-2.38	-1.74	7.08	-0.56	0.14	0.24	9.66
DRAGRH_COS		-207.47	228.63	11.26	-5.60	-12.40	125.74	-22.75	10.08	5.81	-5.80	2.98	10.05	0.11	3.55	3.03	8.37
DRAGRH_SIN		0.00	-71.89	13.45	2.76	37.73	523.35	-3.16	-3.22	-10.13	12.77	-2.75	-3.69	-1.51	-1.94	0.65	-1.42

RUN	POINT	Harmonics															
52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.82	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.02	0.04	0.01	-0.01	0.00	0.02	0.00	0.02	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.87	2.13	1.28	-1.96	-9.94	-3.03	0.65	-0.02	-0.02	-0.04	-0.04	0.12	2.60	0.06	-0.19	0.21
ACT1FORCE_SIN		0.00	10.69	1.26	2.66	11.42	-1.01	-0.34	0.30	0.23	0.16	-0.17	0.00	1.27	0.10	0.29	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.11	-17.88	-12.86	10.37	263.61	20.17	-7.55	0.09	0.59	0.14	-0.05	-0.03	-0.13	0.08	-0.14	0.06
FA1IBVOLTAGE_SIN		0.00	-62.76	-5.35	-17.97	139.27	1.80	6.42	-0.17	-0.17	-0.11	0.11	0.02	0.81	0.07	-0.04	0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.91	18.06	12.93	-10.29	-264.81	-20.58	7.45	-0.05	0.46	-0.01	0.03	0.03	0.08	-0.11	0.13	-0.05
FA1OBVOLTAGE_SIN		0.00	62.92	5.48	18.31	-138.90	-1.94	-6.50	0.01	-0.25	0.03	-0.03	0.00	-0.76	-0.08	0.04	-0.06
MRBLD1CB42P75_COS		-4014.07	-1454.03	-80.92	234.18	-225.65	74.39	-19.28	104.89	51.54	42.53	-22.71	-6.33	-22.92	-10.73	-23.06	3.71
MRBLD1CB42P75_SIN		0.00	-355.79	-34.27	-158.04	164.27	26.89	-67.01	63.90	37.84	17.01	-60.81	-33.79	-15.42	-16.52	-21.68	-8.44

RUN	POINT	Harmonics															
52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2777.33	-736.90	251.41	216.67	-294.38	60.97	-125.94	72.03	57.94	38.54	0.82	-7.15	-10.94	-8.74	-14.00	-5.42
MRBLD1CB70_SIN		0.00	-246.66	-38.95	-130.97	202.06	47.01	72.41	44.47	40.55	22.31	-43.87	-19.06	-5.26	-2.51	-17.88	-4.26
MRBLD1CB120_COS		-553.04	-207.37	387.24	163.45	-249.96	50.94	-212.13	41.93	-35.05	-28.24	36.71	12.04	10.89	-1.82	4.50	5.93
MRBLD1CB120_SIN		0.00	-41.98	-100.02	-166.67	255.27	25.73	176.76	-4.16	-16.42	-28.42	38.95	19.47	4.75	10.93	-1.68	-3.12
MRBLD1CB164_COS		-1984.65	-72.56	122.15	25.39	-139.76	-8.43	-108.71	-7.31	-39.02	-26.90	20.66	15.58	16.01	4.36	3.48	-0.56
MRBLD1CB164_SIN		0.00	34.90	-48.82	-50.41	172.18	-3.59	94.13	-19.28	-33.46	-42.13	37.31	13.39	4.56	-1.27	14.92	7.74
MRBLD1FB42P75_COS		3107.57	108.80	-432.77	145.74	-63.78	104.97	-47.66	223.97	-62.52	-47.87	27.96	14.74	-24.99	-9.73	-53.25	1.74
MRBLD1FB42P75_SIN		0.00	62.90	-100.81	-222.22	791.92	-9.63	-13.04	-17.92	28.03	-49.52	-40.86	-31.74	-3.79	-1.64	7.42	-29.15
MRBLD1FB70_COS		406.32	-98.33	-226.34	26.30	-60.54	26.57	-15.37	47.69	-1.99	-1.69	-2.54	-2.99	1.47	0.44	11.13	-0.29
MRBLD1FB70_SIN		0.00	-127.01	-35.61	-82.77	234.79	-9.95	-7.59	-1.85	5.38	1.04	1.52	3.02	0.75	-0.27	-1.10	6.80
MRBLD1FB87_COS		-85.88	-57.71	-176.19	-2.43	-42.06	-11.97	-9.33	-20.06	9.39	8.95	3.01	3.02	8.14	2.35	10.81	0.15
MRBLD1FB87_SIN		0.00	-118.23	-2.17	-7.02	116.91	-2.63	-3.87	-4.60	-8.12	5.66	7.46	8.05	1.21	2.61	-0.11	4.87
MRBLD1FB120_COS		-467.68	-53.55	-237.81	-11.19	8.69	-46.75	16.64	-59.33	8.17	1.69	-2.92	-4.84	-7.05	0.95	-16.22	-0.61
MRBLD1FB120_SIN		0.00	-161.49	25.53	62.43	23.51	4.31	7.63	6.77	-1.09	2.19	-5.97	-6.36	-3.02	-4.98	-0.96	-7.32
MRBLD1FB164_COS		-109.13	-23.07	-339.59	10.10	88.66	20.97	7.82	79.64	-12.64	2.81	4.74	8.91	13.64	0.28	5.53	0.64
MRBLD1FB164_SIN		0.00	-199.03	24.20	59.30	-445.49	-6.50	-9.89	-21.14	0.46	1.62	10.22	11.88	-1.23	-1.39	1.90	6.62

RUN	POINT	Harmonics															
52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.31	-12.58	-200.94	7.73	54.13	31.78	-15.81	64.69	-8.93	13.32	13.81	12.75	19.50	3.98	-16.51	4.58
MRBLD1FB180_SIN		0.00	-146.75	18.66	27.04	-328.79	-25.20	-1.89	-23.18	-23.33	-1.25	7.10	3.69	-3.60	1.95	2.51	-8.05
MRBLD1TOR51_COS		-1379.29	32.85	-23.00	1.65	-54.96	84.95	33.60	57.22	-1.73	2.34	1.21	2.40	16.24	-1.49	-5.98	-0.32
MRBLD1TOR51_SIN		0.00	-30.89	-1.65	-13.72	-240.88	56.33	-24.89	9.12	3.58	-2.92	-5.86	-1.35	5.05	3.25	-1.44	-0.24
MRBLD1TOR71_COS		-236.60	41.04	-29.83	-12.44	-37.71	73.55	38.63	41.78	-2.05	0.43	-0.98	1.78	14.58	-0.10	-3.56	0.70
MRBLD1TOR71_SIN		0.00	-30.18	-7.06	-9.08	-253.51	50.42	-17.21	5.57	4.11	-1.38	-2.88	0.10	5.21	4.04	0.64	-0.33
MRBLD1TOR130_COS		-4.20	39.51	-9.99	-21.45	-28.91	59.47	31.03	33.71	-3.64	0.11	-0.08	1.43	0.28	-1.26	0.43	1.64
MRBLD1TOR130_SIN		0.00	-26.53	-1.78	2.77	-258.33	40.91	-6.62	5.88	5.49	-1.67	0.77	0.17	-1.75	-0.80	0.38	0.01
MRBLD1TOR164_COS		-205.16	29.13	45.54	-20.80	-58.48	34.97	9.81	8.91	0.12	3.18	2.18	0.84	-5.24	1.79	0.51	1.08
MRBLD1TOR164_SIN		0.00	-8.67	1.79	-3.18	-120.95	21.81	0.54	-0.34	1.37	0.69	1.56	0.19	-3.61	-0.55	-2.32	-0.81
MRFBM1CB26P5_COS		-4784.30	-625.95	-76.36	65.53	33.71	11.03	23.15	8.65	-4.32	-0.97	-3.55	1.92	-0.51	0.18	-1.74	4.08
MRFBM1CB26P5_SIN		0.00	-204.56	3.79	-42.31	-24.88	-9.26	-38.68	3.88	-1.04	-3.83	-1.89	-1.68	-1.02	-1.05	-1.29	-1.17
MRFBM1FB9_COS		322.22	16.34	184.14	-54.88	52.69	-7.31	9.24	-10.13	0.64	-1.11	-2.52	-0.98	0.24	-0.19	0.33	-0.47
MRFBM1FB9_SIN		0.00	38.27	59.19	35.26	-83.70	-4.87	15.75	-8.36	-0.52	0.85	0.93	0.50	1.03	0.57	1.73	0.05
MRFBM1TOR26P5_COS		-364.98	96.15	-0.10	-0.10	-1.20	1.36	-0.23	0.48	0.02	-0.02	0.05	-0.04	0.11	0.03	0.01	-0.09
MRFBM1TOR26P5_SIN		0.00	-67.67	-0.33	0.43	-4.76	0.41	-0.71	0.14	-0.02	0.21	-0.06	0.10	0.04	0.06	0.05	0.06

RUN	POINT	Harmonics															
52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1056.87	-1382.69	-159.84	212.47	-119.18	69.37	-6.29	92.76	13.62	21.42	-11.42	1.97	-15.26	-7.34	-19.78	9.15
MRPC1CB33P25_SIN		0.00	-292.85	-11.91	-154.05	135.13	4.22	-81.98	44.22	17.19	-5.34	-34.39	-21.52	-11.34	-11.24	-19.24	-8.60
MRPC1FB33P25_COS		2267.96	61.60	-324.44	161.10	-236.90	82.68	-35.23	178.60	-53.48	-6.32	44.78	32.91	-16.91	-6.25	-38.57	26.27
MRPC1FB33P25_SIN		0.00	167.48	-145.94	-147.38	650.75	13.81	-18.26	71.74	-6.72	-58.56	-15.94	-12.81	-19.34	-8.45	-43.08	-14.81
MRPC1TOR25P5_COS		-806.57	-20.44	14.09	3.66	28.35	-94.61	-41.89	-60.64	2.00	-2.29	-3.98	-2.40	-23.44	-1.06	2.68	5.84
MRPC1TOR25P5_SIN		0.00	94.03	-47.61	20.59	295.66	-62.83	26.61	-7.79	-3.87	2.26	3.56	-1.74	-9.02	-5.48	-4.77	-3.09
MRPLK1LOAD_COS		-91.74	11.37	2.66	1.49	4.79	-13.63	-4.72	-8.65	0.29	0.15	-0.63	-0.53	-3.21	-0.12	0.51	1.08
MRPLK1LOAD_SIN		0.00	-14.98	-2.46	1.87	36.72	-7.46	3.18	-0.93	-0.43	0.00	0.68	-0.40	-1.37	-0.81	-0.62	-0.70
PITCHRH_COS		9197.19	-8712.20	-374.75	-4.12	-136.78	1810.01	-19.50	-65.83	84.58	93.52	316.89	-150.07	43.15	-67.44	-47.51	-134.19
PITCHRH_SIN		0.00	3236.46	-478.27	40.67	-79.10	1881.94	-77.49	110.18	165.02	-205.01	-296.20	70.72	27.31	40.49	-5.96	18.34
ROLLRH_COS		-289.93	-2772.08	484.20	-48.36	-470.93	-4588.99	-14.51	-34.80	88.78	53.65	156.34	-112.11	139.88	-168.20	-46.95	179.34
ROLLRH_SIN		0.00	-8506.05	-619.13	-61.45	116.39	1171.33	-237.84	-115.10	42.56	49.50	-126.94	-118.98	34.34	-12.85	43.81	-336.51
TORQ_COS		30526.82	484.22	1.86	7.69	13.68	-18.64	-7.70	-9.97	-11.83	-1.20	34.95	2.04	1.00	-2.41	-8.95	-11.97
TORQ_SIN		0.00	495.86	-14.44	25.35	64.17	-50.61	16.03	6.57	-9.74	-5.55	4.61	9.84	-9.58	8.94	-11.26	24.41
THRUST_COS		5808.53	-70.57	5.44	2.63	9.37	-112.88	2.50	-2.26	5.17	-3.15	-20.00	17.92	-3.99	1.67	-6.92	1.10
THRUST_SIN		0.00	-10.52	9.22	7.80	1.40	-49.31	4.56	18.23	0.22	4.62	-5.28	-0.76	2.63	2.73	3.37	-0.22

RUN	POINT	Harmonics															
52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.29	5.28	-13.55	4.28	9.58	258.57	5.99	-3.05	-4.21	-1.27	-4.64	2.10	-4.48	4.82	1.44	-5.05
SIDERH_SIN		0.00	194.64	12.52	1.78	-68.12	-353.93	14.73	5.36	-2.44	-4.07	0.90	6.62	-0.72	0.81	-1.68	10.41
DRAGRH_COS		-219.15	228.39	9.55	-4.97	-13.76	101.50	-23.22	10.00	3.83	-5.74	4.17	10.41	-0.90	2.90	2.24	7.51
DRAGRH_SIN		0.00	-71.77	13.55	2.15	34.53	475.45	-6.46	1.01	-9.09	14.25	-0.42	-3.20	-1.48	-0.84	-0.11	-2.30

RUN	POINT	Harmonics															
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.01	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	-0.01	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.96	2.11	1.32	-1.89	-10.03	-3.08	0.66	0.06	-0.05	-0.02	-0.12	0.16	2.61	0.08	-0.14	0.22
ACT1FORCE_SIN		0.00	10.78	1.36	2.74	11.47	-1.03	-0.30	0.18	0.23	0.17	-0.12	0.05	1.31	0.06	0.20	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.20	-17.68	-13.52	10.20	263.33	20.54	-7.51	0.09	0.61	0.11	0.02	0.02	-0.11	-0.01	-0.13	0.04
FA1IBVOLTAGE_SIN		0.00	-63.23	-5.92	-18.11	139.63	1.48	6.06	-0.13	-0.11	-0.10	0.00	0.08	0.88	0.10	-0.07	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.83	17.88	13.61	-10.08	-264.75	-20.95	7.39	-0.04	0.44	0.01	-0.03	-0.04	0.05	-0.03	0.12	-0.03
FA1OBVOLTAGE_SIN		0.00	63.38	6.03	18.46	-138.83	-1.58	-6.15	-0.03	-0.31	0.02	0.10	-0.06	-0.82	-0.10	0.07	-0.07
MRBLD1CB42P75_COS		-4024.88	-1302.17	-80.03	237.49	-242.95	71.73	-13.99	100.19	56.41	31.80	-27.37	-9.58	-22.12	-11.11	-24.19	1.11
MRBLD1CB42P75_SIN		0.00	-284.65	-38.04	-167.58	165.75	15.70	-67.76	69.90	42.39	24.07	-73.61	-37.27	-21.07	-18.66	-18.12	-14.75

RUN	POINT	Harmonics															
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.88	-644.02	249.94	218.85	-325.21	64.83	-130.88	69.46	61.13	28.27	-5.63	-9.87	-10.19	-9.92	-16.36	-8.11
MRBLD1CB70_SIN		0.00	-197.34	-37.61	-135.35	201.41	21.43	74.12	47.79	44.03	29.13	-53.16	-19.73	-7.83	-4.38	-15.84	-10.94
MRBLD1CB120_COS		-559.54	-174.69	388.26	165.71	-279.40	58.74	-225.07	39.31	-33.95	-21.50	38.36	12.49	10.48	-1.05	5.08	6.63
MRBLD1CB120_SIN		0.00	-15.56	-96.27	-170.46	260.25	-0.18	179.19	-8.68	-21.37	-34.78	45.82	20.02	7.32	11.45	-2.19	-4.78
MRBLD1CB164_COS		-1987.66	-65.99	124.12	25.84	-152.61	-4.10	-117.49	-7.16	-39.77	-17.16	24.27	16.64	14.69	4.67	4.70	0.04
MRBLD1CB164_SIN		0.00	41.52	-48.32	-53.91	174.59	-15.31	94.87	-23.74	-37.88	-48.56	45.04	13.16	6.21	-0.33	14.13	13.36
MRBLD1FB42P75_COS		3110.60	68.07	-426.62	148.07	-59.72	96.22	-38.01	207.20	-56.78	-47.44	28.85	7.01	-27.49	-10.74	-47.78	-13.84
MRBLD1FB42P75_SIN		0.00	54.36	-109.51	-256.03	824.99	6.69	-12.55	-8.53	21.72	-59.58	-42.99	-31.53	-5.85	-3.99	11.48	-34.89
MRBLD1FB70_COS		406.96	-97.46	-224.53	28.03	-61.30	24.52	-13.06	45.51	-1.10	-1.86	-2.80	-2.29	2.49	1.28	10.58	3.32
MRBLD1FB70_SIN		0.00	-124.72	-38.45	-94.32	243.93	-7.44	-8.23	-0.23	4.39	0.68	0.69	2.40	0.46	0.00	-1.89	8.26
MRBLD1FB87_COS		-85.47	-57.57	-175.85	-1.67	-42.88	-12.80	-9.77	-18.18	8.91	9.49	3.05	4.17	8.06	2.12	9.16	2.31
MRBLD1FB87_SIN		0.00	-117.98	-3.87	-13.36	120.14	-2.79	-4.37	-5.47	-7.01	7.97	9.56	8.90	2.39	3.47	-0.70	6.22
MRBLD1FB120_COS		-466.11	-51.66	-238.92	-11.86	8.40	-45.97	13.88	-55.37	6.95	1.86	-3.01	-5.40	-7.02	0.80	-14.43	-4.00
MRBLD1FB120_SIN		0.00	-165.63	22.79	56.51	21.38	2.72	8.45	4.26	0.48	2.38	-6.48	-6.35	-3.29	-5.44	0.12	-9.40
MRBLD1FB164_COS		-106.32	-20.25	-342.47	8.22	94.16	28.15	10.13	72.11	-10.94	2.54	5.08	10.40	13.67	-0.69	3.89	2.79
MRBLD1FB164_SIN		0.00	-206.12	22.47	56.06	-454.32	-7.24	-9.18	-17.88	-2.33	0.95	10.73	12.03	-0.84	-1.39	1.84	8.03

RUN	POINT	Harmonics															
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.95	-11.26	-202.46	7.86	57.54	34.48	-13.61	59.50	-7.70	12.85	11.12	12.60	18.12	3.38	-14.00	0.65
MRBLD1FB180_SIN		0.00	-150.29	18.40	27.47	-334.92	-26.30	-1.69	-20.19	-24.62	1.58	8.93	4.14	-1.41	1.40	2.68	-11.52
MRBLD1TOR51_COS		-1379.44	35.12	-22.70	2.13	-51.81	85.74	38.56	53.94	0.27	1.52	-0.88	2.35	15.95	-0.82	-4.40	1.01
MRBLD1TOR51_SIN		0.00	-30.22	-2.99	-19.01	-238.68	63.03	-31.05	5.89	3.46	-1.53	-5.32	-1.45	5.19	2.85	-0.85	-1.80
MRBLD1TOR71_COS		-236.42	41.76	-29.53	-12.06	-33.98	74.59	42.99	39.33	-0.77	-0.28	-2.83	1.94	14.23	0.07	-2.94	1.67
MRBLD1TOR71_SIN		0.00	-30.32	-8.12	-13.03	-252.33	56.68	-22.74	2.24	3.72	-0.35	-2.08	0.12	5.11	3.99	0.68	-1.33
MRBLD1TOR130_COS		-4.22	40.88	-10.25	-22.06	-25.60	60.98	34.48	30.92	-2.71	-0.27	-0.59	1.19	0.25	-1.77	-1.14	0.60
MRBLD1TOR130_SIN		0.00	-26.85	-2.06	0.51	-258.98	45.61	-10.58	3.14	4.75	-1.70	1.22	-0.27	-2.91	-0.47	0.06	0.21
MRBLD1TOR164_COS		-205.32	30.03	45.46	-20.99	-57.53	34.72	12.07	8.13	-0.17	2.85	1.67	0.29	-5.52	1.43	-0.84	-0.29
MRBLD1TOR164_SIN		0.00	-7.82	2.49	-3.32	-120.21	24.12	-1.39	-1.34	1.30	1.03	1.99	0.57	-4.04	-0.41	-2.43	-1.03
MRFBM1CB26P5_COS		-4790.79	-554.28	-75.35	65.06	36.54	9.39	25.34	7.81	-3.89	-0.56	-2.94	1.70	-0.83	0.34	-1.49	4.00
MRFBM1CB26P5_SIN		0.00	-168.00	1.28	-44.92	-24.34	-7.00	-39.67	4.81	-0.88	-4.34	-2.19	-2.04	-1.40	-1.23	-0.97	-1.60
MRFBM1FB9_COS		319.18	-38.01	183.48	-57.96	54.33	-6.32	9.23	-9.34	0.43	-0.97	-2.48	-0.80	0.19	-0.13	0.52	-0.61
MRFBM1FB9_SIN		0.00	42.76	62.91	44.02	-86.76	-5.02	16.24	-8.40	-0.58	0.99	1.12	0.72	1.18	0.65	1.54	0.61
MRFBM1TOR26P5_COS		-365.08	95.68	-0.08	-0.15	-1.21	1.42	-0.21	0.50	0.02	-0.04	0.04	-0.03	0.13	0.06	0.07	-0.06
MRFBM1TOR26P5_SIN		0.00	-67.87	-0.43	0.39	-4.86	0.46	-0.89	0.13	0.00	0.21	-0.08	0.09	0.09	0.04	0.05	0.08

RUN	POINT	Harmonics															
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1063.33	-1245.48	-158.62	215.44	-124.91	64.58	0.15	87.69	17.95	16.79	-13.63	-1.17	-15.22	-7.58	-20.00	6.93
MRPC1CB33P25_SIN		0.00	-235.39	-16.10	-163.83	139.91	3.87	-83.49	48.41	19.22	-2.42	-41.89	-24.46	-15.06	-12.98	-16.20	-15.17
MRPC1FB33P25_COS		2270.64	24.11	-317.81	168.95	-243.50	71.31	-28.17	161.70	-46.11	-1.65	46.83	27.63	-17.52	-5.64	-39.78	22.05
MRPC1FB33P25_SIN		0.00	157.50	-152.20	-173.90	678.64	23.68	-13.80	72.63	-8.48	-65.08	-17.27	-17.00	-22.89	-10.86	-36.04	-31.86
MRPC1TOR25P5_COS		-804.79	-28.20	16.75	3.53	22.56	-95.08	-46.77	-57.96	0.44	-1.89	-2.07	-2.96	-23.31	-2.32	-1.79	2.91
MRPC1TOR25P5_SIN		0.00	92.06	-48.52	24.71	293.76	-71.70	33.99	-4.94	-3.99	0.82	2.15	-2.00	-11.17	-5.07	-5.17	-3.88
MRPLK1LOAD_COS		-91.69	11.36	2.67	1.53	4.11	-13.82	-5.40	-8.28	0.02	0.19	-0.35	-0.60	-3.28	-0.44	-0.34	0.62
MRPLK1LOAD_SIN		0.00	-14.84	-2.35	2.61	36.48	-8.52	4.28	-0.55	-0.45	-0.13	0.68	-0.44	-1.80	-0.66	-0.82	-0.81
PITCHRH_COS		10124.94	-8698.87	-386.23	6.85	-113.99	1844.87	-55.31	-45.33	58.05	74.64	347.72	-117.68	18.09	-78.04	-49.69	-171.51
PITCHRH_SIN		0.00	3223.67	-473.29	50.41	-62.39	1935.84	-94.72	125.19	144.33	-230.82	-308.35	81.63	26.29	66.25	-27.14	-5.22
ROLLRH_COS		-307.10	-2784.96	479.73	-54.67	-412.78	-4799.35	-41.21	-17.22	122.88	68.18	151.53	-120.28	137.96	-180.04	-86.74	65.76
ROLLRH_SIN		0.00	-8512.60	-615.68	-60.20	86.84	1080.28	-224.92	-95.30	11.35	35.23	-115.70	-109.14	20.36	-29.56	6.39	-291.13
TORQ_COS		30396.85	489.43	4.39	10.33	26.30	-14.16	-9.26	-11.94	-14.98	-1.36	34.44	0.68	2.03	-2.46	-8.48	-13.42
TORQ_SIN		0.00	508.90	-21.32	23.08	65.66	-42.26	14.65	0.97	-13.54	-6.04	8.09	10.31	-10.26	7.93	-9.55	23.18
THRUST_COS		5803.53	-70.21	5.84	3.47	8.08	-108.62	3.37	-2.24	5.52	-3.84	-16.28	21.37	-2.91	1.17	-4.06	5.38
THRUST_SIN		0.00	-11.76	10.06	7.37	-0.91	-54.13	4.20	14.80	0.01	5.27	-4.93	-3.31	0.61	4.37	3.36	9.23

RUN	POINT	Harmonics															
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.81	6.82	-13.41	3.80	1.28	272.83	7.46	-2.91	-5.56	-1.92	-3.77	2.94	-4.40	5.21	2.77	-1.89
SIDERH_SIN		0.00	195.62	12.88	1.92	-55.76	-364.44	16.43	5.31	-1.71	-3.38	0.26	6.22	-0.43	1.28	-0.61	9.07
DRAGRH_COS		-213.15	228.65	10.29	-5.63	-12.61	105.72	-21.95	11.24	4.57	-4.17	5.45	8.61	0.22	3.08	2.65	8.68
DRAGRH_SIN		0.00	-71.77	13.37	1.85	35.78	509.43	-6.15	-2.09	-9.82	15.66	-1.11	-4.30	-1.23	-1.75	0.51	-0.53

RUN	POINT	Harmonics															
52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.01	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.01	0.04	0.01	-0.01	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.05	2.20	1.85	-2.01	-9.84	-3.31	0.78	0.27	-0.11	-0.04	-0.21	0.02	2.59	0.09	-0.09	0.38
ACT1FORCE_SIN		0.00	10.83	1.34	2.76	11.56	-0.97	-0.34	0.25	0.23	0.26	-0.13	0.17	1.27	0.02	0.03	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.71	-18.02	-16.30	11.13	260.86	21.55	-8.74	0.21	0.59	0.17	-0.02	0.01	-0.13	0.00	-0.12	0.02
FA1IBVOLTAGE_SIN		0.00	-63.38	-5.35	-18.86	141.91	1.17	6.68	-0.17	-0.08	-0.11	0.06	0.08	0.88	0.06	0.01	0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.31	18.24	16.36	-11.03	-262.29	-21.96	8.61	-0.16	0.46	-0.07	0.01	-0.01	0.06	-0.04	0.12	-0.01
FA1OBVOLTAGE_SIN		0.00	63.50	5.45	19.20	-141.12	-1.28	-6.76	0.01	-0.33	0.03	0.05	-0.06	-0.83	-0.06	0.00	-0.05
MRBLD1CB42P75_COS		-4021.49	-1168.47	-113.52	231.82	-231.50	75.20	-26.00	72.84	69.45	22.82	-7.10	-10.22	-24.38	-11.95	-27.21	-0.76
MRBLD1CB42P75_SIN		0.00	-222.21	-36.35	-170.62	182.83	15.14	-73.09	44.88	35.43	24.78	-86.06	-9.04	-18.29	-15.60	-10.45	-23.36

RUN	POINT	Harmonics															
52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2760.95	-560.53	231.21	209.15	-322.02	66.74	-135.31	48.70	70.38	18.59	3.84	-7.46	-9.11	-8.12	-15.13	-12.75
MRBLD1CB70_SIN		0.00	-150.44	-36.23	-137.42	227.93	26.32	74.71	30.32	37.32	31.14	-57.96	-1.03	-7.28	-0.66	-11.87	-18.84
MRBLD1CB120_COS		-571.70	-140.74	380.38	155.93	-271.86	56.33	-223.69	25.30	-32.75	-10.35	30.51	13.07	11.68	0.61	5.38	7.87
MRBLD1CB120_SIN		0.00	13.88	-92.73	-169.39	288.38	10.59	193.71	-15.05	-25.89	-36.24	52.06	4.52	7.04	11.17	-2.72	-5.20
MRBLD1CB164_COS		-1991.14	-56.57	125.99	20.84	-147.42	-7.51	-113.72	-4.87	-42.18	-2.06	20.02	15.99	13.94	4.70	5.14	2.10
MRBLD1CB164_SIN		0.00	49.50	-47.04	-53.79	185.62	-11.41	104.24	-19.73	-39.20	-50.54	48.48	-1.57	4.97	-4.09	11.55	18.25
MRBLD1FB42P75_COS		3108.45	29.94	-448.70	131.64	11.07	89.86	-61.86	123.84	-45.87	-25.39	46.35	16.70	-20.82	-6.51	-36.63	-26.00
MRBLD1FB42P75_SIN		0.00	47.94	-105.75	-249.74	834.43	13.87	-1.29	-28.44	-11.50	-85.59	-74.47	-24.09	-2.13	-3.11	25.31	-46.22
MRBLD1FB70_COS		408.37	-98.36	-233.93	20.88	-39.70	23.88	-16.99	31.34	-0.27	-2.21	-3.56	-2.50	1.35	-0.08	9.05	5.75
MRBLD1FB70_SIN		0.00	-124.55	-35.96	-92.57	247.76	-6.12	-4.65	-2.64	1.35	0.42	0.31	3.01	1.00	0.10	-5.37	10.47
MRBLD1FB87_COS		-82.08	-58.12	-181.72	-7.98	-35.02	-13.41	-7.98	-10.07	7.27	5.98	-0.97	0.94	7.10	1.96	6.90	5.23
MRBLD1FB87_SIN		0.00	-118.55	-1.41	-11.92	120.97	-4.32	-5.21	-3.50	-2.24	12.23	16.83	5.26	0.55	2.96	-3.69	8.34
MRBLD1FB120_COS		-461.39	-53.84	-244.43	-18.16	6.22	-48.86	17.46	-36.55	4.58	2.38	-0.91	-3.68	-6.10	1.25	-11.49	-7.69
MRBLD1FB120_SIN		0.00	-170.43	21.71	56.77	18.95	3.36	4.66	6.77	3.95	2.38	-9.13	-5.53	-2.87	-5.55	4.46	-13.26
MRBLD1FB164_COS		-105.07	-27.33	-360.39	-0.33	69.18	32.22	10.76	43.28	-9.06	2.06	2.60	9.12	12.98	-0.68	2.14	4.26
MRBLD1FB164_SIN		0.00	-213.72	21.92	59.73	-461.27	-1.72	-2.99	-21.27	-8.80	1.30	15.10	10.78	-1.49	-2.04	-1.43	9.60

RUN	POINT	Harmonics															
52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.98	-15.00	-213.59	4.62	42.13	39.36	-15.22	35.09	-4.91	10.81	5.25	8.21	17.49	3.77	-11.78	-4.16
MRBLD1FB180_SIN		0.00	-155.05	18.08	30.70	-338.42	-23.63	4.18	-25.20	-28.02	6.47	22.25	-5.59	-7.23	-2.13	7.47	-15.31
MRBLD1TOR51_COS		-1380.43	35.93	-29.45	0.38	-44.64	86.55	34.47	41.19	3.49	1.28	-3.44	2.39	16.27	-0.16	-3.67	2.71
MRBLD1TOR51_SIN		0.00	-30.67	-3.25	-21.10	-237.44	66.61	-37.25	-0.13	2.75	-0.02	-3.35	-2.58	3.79	1.59	0.68	-2.86
MRBLD1TOR71_COS		-236.45	41.01	-34.71	-12.68	-29.32	75.68	40.52	30.35	1.29	-0.95	-5.99	1.39	14.18	0.65	-3.45	2.90
MRBLD1TOR71_SIN		0.00	-31.13	-8.66	-15.28	-252.46	59.89	-28.43	-0.84	4.05	1.28	0.73	-1.60	3.50	2.87	0.33	-2.30
MRBLD1TOR130_COS		-3.89	41.28	-13.68	-21.62	-24.22	62.84	33.38	22.71	-0.19	0.72	0.92	0.29	0.10	-1.49	-2.99	-0.51
MRBLD1TOR130_SIN		0.00	-26.84	-2.46	-0.87	-260.85	48.36	-14.92	-0.14	4.19	-1.75	1.29	-0.03	-3.43	-0.04	-1.64	0.05
MRBLD1TOR164_COS		-205.21	31.14	46.28	-20.19	-53.48	35.24	11.47	5.54	0.00	2.77	1.77	0.36	-4.88	2.46	-1.97	-1.09
MRBLD1TOR164_SIN		0.00	-6.46	2.86	-3.92	-119.47	24.49	-4.09	-2.11	2.01	1.17	2.87	-0.40	-4.29	0.25	-2.46	-1.52
MRFBM1CB26P5_COS		-4784.91	-493.00	-90.16	66.92	38.59	10.40	22.99	5.43	-2.18	0.59	-0.21	1.24	-1.08	0.20	-2.49	5.13
MRFBM1CB26P5_SIN		0.00	-137.20	0.71	-45.34	-26.72	-8.63	-40.89	2.65	-1.19	-4.55	-4.23	-1.04	-1.01	-1.32	0.12	-2.06
MRFBM1FB9_COS		310.16	-80.70	202.85	-53.39	47.29	-5.45	11.68	-7.06	-1.02	-1.74	-3.77	-0.48	0.32	-0.10	0.63	-1.02
MRFBM1FB9_SIN		0.00	48.65	62.65	44.17	-90.86	-5.32	16.66	-4.50	0.09	0.81	1.13	0.00	0.94	0.61	1.14	1.04
MRFBM1TOR26P5_COS		-365.14	95.36	-0.14	-0.11	-1.23	1.43	-0.35	0.50	-0.01	-0.07	-0.06	0.00	0.14	0.06	0.17	-0.05
MRFBM1TOR26P5_SIN		0.00	-68.16	-0.41	0.36	-4.83	0.49	-0.93	0.11	0.02	0.24	-0.06	0.07	0.11	0.02	0.12	0.10

RUN	POINT	Harmonics															
52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1057.42	-1125.15	-192.99	213.10	-109.10	65.80	-11.90	62.62	30.18	17.36	3.58	-0.74	-16.53	-8.19	-22.95	6.63
MRPC1CB33P25_SIN		0.00	-185.00	-13.01	-165.93	148.64	3.29	-86.33	26.78	12.37	-2.78	-53.30	-6.56	-11.76	-10.84	-8.31	-23.54
MRPC1FB33P25_COS		2269.43	-11.47	-335.63	153.64	-187.22	64.20	-49.81	105.22	-22.28	27.57	77.48	29.15	-15.48	-3.62	-46.66	24.77
MRPC1FB33P25_SIN		0.00	150.43	-152.87	-171.58	703.27	27.06	-12.78	23.71	-29.37	-72.82	-30.71	-4.68	-16.04	-6.40	-18.78	-49.26
MRPC1TOR25P5_COS		-803.53	-33.97	25.94	4.45	16.77	-96.40	-42.77	-46.52	-1.13	-0.66	4.88	-3.94	-23.93	-2.20	-6.89	0.50
MRPC1TOR25P5_SIN		0.00	91.84	-50.49	26.38	294.19	-75.83	39.85	-0.91	-4.11	-1.50	-1.13	1.71	-9.84	-2.35	-8.22	-5.79
MRPLK1LOAD_COS		-91.28	11.42	3.35	1.77	3.07	-13.98	-4.75	-6.56	-0.29	0.34	0.53	-0.84	-3.42	-0.42	-1.35	0.27
MRPLK1LOAD_SIN		0.00	-14.37	-2.49	2.81	36.53	-9.04	5.11	0.05	-0.37	-0.45	0.38	-0.07	-1.62	-0.31	-1.82	-1.13
PITCHRH_COS		10876.04	-8722.94	-397.09	22.85	-130.72	2071.81	-115.19	-25.64	80.76	58.36	376.26	-107.06	13.06	-78.19	-75.33	-210.55
PITCHRH_SIN		0.00	3203.56	-477.97	52.42	-51.12	1938.65	-78.96	124.08	84.29	-216.74	-316.25	66.34	27.51	74.06	5.23	9.73
ROLLRH_COS		-348.07	-2760.46	472.84	-53.19	-438.36	-4930.47	-44.56	-14.95	150.49	67.05	172.99	-119.71	116.33	-176.30	-63.93	-126.51
ROLLRH_SIN		0.00	-8543.64	-591.97	-49.63	82.67	1516.66	-200.86	-95.86	-21.89	31.89	-86.41	-100.57	-15.53	35.77	23.72	-506.90
TORQ_COS		30527.66	495.48	-2.67	9.94	15.64	-31.04	-7.64	-11.04	-17.15	1.25	32.27	0.06	3.29	-1.81	-10.81	-29.12
TORQ_SIN		0.00	519.67	-16.36	23.90	61.66	-30.51	16.03	3.33	-16.88	-5.01	18.70	8.87	-9.03	8.29	-12.24	27.20
THRUST_COS		5773.27	-71.02	6.13	5.30	9.77	-110.71	3.18	-0.85	3.67	-4.80	-21.22	19.99	-2.79	0.55	-10.77	5.75
THRUST_SIN		0.00	-12.29	8.30	5.39	1.74	-54.93	4.04	13.32	-0.50	5.14	4.52	-5.54	0.54	4.33	2.49	20.52

RUN	POINT	Harmonics															
52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.74	8.67	-13.71	4.44	2.87	253.82	8.01	-2.05	-7.24	-1.76	-4.89	3.13	-3.64	5.30	1.97	3.27
SIDERH_SIN		0.00	198.90	12.69	2.40	-59.90	-395.32	16.09	5.44	-0.19	-3.16	-1.69	6.39	0.42	-0.83	-1.26	15.41
DRAGRH_COS		-208.76	228.60	10.88	-6.37	-13.03	137.97	-19.55	10.12	2.96	-3.49	2.15	9.18	-0.05	4.04	3.41	9.81
DRAGRH_SIN		0.00	-72.07	13.08	2.63	34.07	519.16	-4.18	-4.38	-8.57	14.97	-4.63	-4.55	-1.28	-1.93	-0.44	-1.13

RUN	POINT	Harmonics															
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.01	0.00	-0.01	-0.02	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.35	2.11	1.69	-2.03	-9.92	-3.34	0.74	0.48	-0.15	0.02	-0.29	0.01	2.56	0.05	-0.12	0.36
ACT1FORCE_SIN		0.00	10.89	1.36	2.52	11.61	-1.03	-0.21	0.11	0.30	0.16	-0.04	0.19	1.33	0.03	0.05	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.04	-17.45	-15.26	11.16	261.96	22.44	-8.68	0.12	0.57	0.09	-0.05	-0.05	-0.12	0.05	-0.12	0.00
FA1IBVOLTAGE_SIN		0.00	-64.31	-5.70	-17.32	139.81	1.36	5.63	-0.25	-0.10	-0.09	-0.02	0.01	0.83	0.03	-0.06	0.11
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.97	17.67	15.33	-11.04	-263.36	-22.85	8.55	-0.07	0.47	0.04	0.01	0.04	0.05	-0.08	0.12	-0.01
FA1OBVOLTAGE_SIN		0.00	64.46	5.81	17.66	-139.03	-1.46	-5.71	0.09	-0.31	-0.02	0.12	0.00	-0.77	-0.02	0.06	-0.11
MRBLD1CB42P75_COS		-4053.84	-1258.49	-106.98	223.56	-232.63	75.75	-21.30	53.66	66.80	10.83	-21.63	-2.05	-18.81	-10.15	-24.35	-4.19
MRBLD1CB42P75_SIN		0.00	-166.79	-34.28	-178.65	164.95	20.52	-71.38	44.86	38.78	31.39	-81.68	-23.09	-25.32	-18.27	-9.29	-29.69

RUN	POINT	Harmonics															
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2749.67	-614.37	232.27	207.06	-328.39	68.90	-134.59	34.96	66.78	9.10	-6.37	-2.79	-6.53	-9.99	-13.41	-17.47
MRBLD1CB70_SIN		0.00	-112.53	-32.58	-148.20	201.35	23.22	70.39	30.98	40.69	38.48	-53.19	-10.64	-12.37	-3.13	-11.90	-24.48
MRBLD1CB120_COS		-565.00	-159.52	380.85	158.53	-279.20	63.06	-224.61	18.27	-31.75	-3.47	36.72	8.79	9.37	-0.50	5.54	8.03
MRBLD1CB120_SIN		0.00	31.39	-91.80	-179.99	260.32	4.13	183.17	-12.87	-24.15	-38.17	54.91	10.90	8.68	9.91	-2.11	-5.63
MRBLD1CB164_COS		-1989.18	-60.27	127.50	21.88	-150.05	-3.83	-115.71	-1.52	-40.30	6.93	26.01	11.44	11.28	4.97	2.72	3.50
MRBLD1CB164_SIN		0.00	53.49	-47.05	-58.38	174.40	-15.97	99.01	-18.41	-38.21	-53.58	50.03	5.52	9.07	-1.21	12.29	23.13
MRBLD1FB42P75_COS		3126.32	49.37	-437.71	103.77	0.45	97.30	-57.81	81.10	-41.53	-29.35	43.62	9.66	-26.24	-12.95	-30.76	-42.94
MRBLD1FB42P75_SIN		0.00	25.06	-110.49	-267.23	822.25	33.75	-2.44	-7.13	-6.82	-87.76	-59.54	-34.13	-10.19	-10.16	23.55	-49.64
MRBLD1FB70_COS		409.68	-97.29	-230.18	11.61	-42.45	26.04	-15.81	24.05	0.57	-2.64	-3.97	-2.29	2.81	2.00	8.04	9.11
MRBLD1FB70_SIN		0.00	-126.18	-38.85	-101.56	242.31	-1.49	-4.67	1.67	2.59	1.20	0.79	2.53	1.21	1.45	-4.02	11.59
MRBLD1FB87_COS		-83.35	-55.75	-178.56	-13.12	-36.06	-13.04	-7.77	-5.89	7.62	7.60	0.03	1.56	6.90	2.44	5.52	7.96
MRBLD1FB87_SIN		0.00	-119.92	-3.00	-18.01	119.06	-4.09	-5.44	-5.85	-3.08	13.18	14.55	9.28	2.75	3.83	-3.64	9.29
MRBLD1FB120_COS		-467.54	-52.60	-241.18	-23.40	7.94	-50.18	14.91	-26.82	3.62	2.74	-1.14	-3.16	-6.22	-0.12	-9.35	-12.05
MRBLD1FB120_SIN		0.00	-173.78	21.27	49.68	22.34	0.07	6.94	1.39	3.09	1.25	-9.17	-6.79	-3.75	-6.75	3.86	-14.98
MRBLD1FB164_COS		-106.84	-25.92	-357.59	-9.67	68.94	29.12	14.83	29.66	-6.16	0.85	2.56	8.54	12.84	0.39	1.43	5.54
MRBLD1FB164_SIN		0.00	-217.01	23.45	50.32	-456.12	-9.15	-3.82	-14.55	-7.66	1.43	14.63	13.55	0.36	-1.26	-1.23	10.25

RUN	POINT	Harmonics															
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.68	-14.65	-212.43	-0.20	41.03	38.80	-11.70	22.80	-3.52	11.69	7.51	9.95	16.57	1.09	-9.06	-8.20
MRBLD1FB180_SIN		0.00	-156.99	19.18	26.04	-336.95	-25.47	3.73	-18.84	-27.03	9.25	19.69	4.32	-3.02	-2.70	6.58	-16.49
MRBLD1TOR51_COS		-1378.60	35.74	-27.12	0.78	-46.05	85.11	36.64	33.29	3.59	1.23	-3.27	1.27	15.15	-0.55	-2.65	2.15
MRBLD1TOR51_SIN		0.00	-28.00	-4.00	-21.67	-236.37	67.65	-38.37	1.43	4.91	1.25	-2.09	-1.14	3.79	0.58	1.19	-4.43
MRBLD1TOR71_COS		-235.73	41.64	-32.49	-11.57	-29.98	74.35	42.28	24.82	1.16	-0.65	-5.12	0.54	13.19	0.06	-2.71	2.88
MRBLD1TOR71_SIN		0.00	-30.04	-9.55	-14.93	-250.39	60.25	-29.21	0.81	5.46	2.29	1.08	0.41	4.21	2.45	0.55	-2.80
MRBLD1TOR130_COS		-3.79	41.46	-12.31	-20.80	-24.77	61.42	34.98	17.47	-0.30	0.17	0.09	0.94	0.48	-1.34	-3.44	-0.99
MRBLD1TOR130_SIN		0.00	-26.20	-2.73	0.32	-258.99	47.66	-15.83	1.86	5.61	-0.89	1.79	-0.23	-3.28	0.39	-1.63	0.82
MRBLD1TOR164_COS		-205.56	30.86	46.54	-18.17	-53.87	34.38	11.92	3.76	-0.24	2.44	1.63	0.25	-5.06	2.18	-2.17	-1.39
MRBLD1TOR164_SIN		0.00	-5.50	2.54	-1.81	-119.10	25.71	-4.58	-0.82	2.67	2.61	2.94	0.07	-4.36	0.22	-2.11	-1.21
MRFBM1CB26P5_COS		-4808.56	-534.69	-86.17	64.00	40.86	10.27	24.18	3.57	-1.87	0.54	-0.70	1.39	-0.89	0.65	-2.21	5.49
MRFBM1CB26P5_SIN		0.00	-114.55	1.80	-43.82	-25.73	-6.02	-39.87	2.59	-1.65	-5.40	-4.45	-1.65	-1.39	-1.85	0.23	-2.70
MRFBM1FB9_COS		332.76	-69.00	196.71	-48.08	47.75	-5.10	11.21	-4.66	-0.83	-1.48	-3.06	-0.90	0.00	-0.37	0.60	-1.21
MRFBM1FB9_SIN		0.00	21.87	62.93	51.25	-88.50	-7.10	16.44	-3.61	-0.32	0.87	0.84	0.35	1.16	0.71	0.95	1.61
MRFBM1TOR26P5_COS		-365.00	95.68	-0.11	-0.09	-1.26	1.43	-0.31	0.47	-0.01	-0.09	-0.06	-0.04	0.13	0.06	0.14	-0.05
MRFBM1TOR26P5_SIN		0.00	-68.04	-0.43	0.37	-4.78	0.47	-0.96	0.11	0.05	0.23	-0.06	0.08	0.12	0.03	0.14	0.08

RUN	POINT	Harmonics															
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1083.60	-1206.67	-184.91	203.88	-107.99	66.01	-7.16	44.77	29.49	10.91	-6.56	4.10	-13.36	-6.60	-20.18	3.89
MRPC1CB33P25_SIN		0.00	-133.67	-11.98	-169.63	138.92	11.12	-84.52	27.14	14.27	-0.12	-49.42	-16.80	-17.33	-14.51	-6.93	-30.22
MRPC1FB33P25_COS		2284.57	7.17	-325.25	133.92	-194.98	65.02	-46.34	63.60	-21.07	25.63	66.96	31.15	-13.31	-1.99	-40.79	18.26
MRPC1FB33P25_SIN		0.00	130.54	-154.11	-190.31	689.60	45.03	-12.48	23.87	-23.36	-76.07	-20.97	-16.13	-25.86	-16.27	-15.20	-65.95
MRPC1TOR25P5_COS		-806.22	-31.97	24.46	3.79	17.07	-94.62	-44.79	-39.36	-1.39	-1.14	2.96	-1.51	-22.03	-1.71	-7.18	0.09
MRPC1TOR25P5_SIN		0.00	87.46	-47.39	26.65	292.30	-76.39	41.04	-2.35	-5.84	-2.20	-2.34	-1.49	-10.66	-2.33	-8.55	-4.98
MRPLK1LOAD_COS		-91.70	11.32	3.28	1.70	3.27	-13.80	-5.06	-5.46	-0.34	0.35	0.37	-0.42	-3.19	-0.27	-1.37	0.27
MRPLK1LOAD_SIN		0.00	-14.93	-2.36	2.88	36.25	-9.17	5.31	-0.20	-0.69	-0.52	0.19	-0.39	-1.73	-0.35	-1.90	-0.89
PITCHRH_COS		10604.88	-8713.21	-386.96	7.61	-126.91	2077.23	-158.78	2.83	84.97	72.16	406.17	-91.94	9.84	-61.67	-76.04	-171.23
PITCHRH_SIN		0.00	3216.01	-478.61	42.26	-34.23	1873.35	-92.48	121.68	71.21	-217.85	-350.15	54.41	45.74	44.38	-4.94	-10.94
ROLLRH_COS		135.84	-2782.95	481.70	-48.64	-430.82	-4857.28	-68.09	-36.79	156.62	62.61	170.06	-121.72	134.51	-187.58	-52.71	-205.14
ROLLRH_SIN		0.00	-8517.76	-596.34	-55.74	90.53	1445.50	-214.84	-101.17	-15.19	36.44	-68.09	-93.47	-16.27	44.20	-33.32	-413.49
TORQ_COS		30083.94	487.38	3.12	7.79	14.13	-31.32	-7.51	-11.27	-17.01	0.49	33.56	0.97	4.21	-3.29	-9.33	-34.80
TORQ_SIN		0.00	534.23	-20.80	23.24	66.20	-34.33	14.64	3.05	-14.55	-3.56	21.36	8.25	-10.45	8.87	-14.29	28.02
THRUST_COS		5842.30	-70.86	5.56	4.75	9.92	-110.89	4.36	0.92	3.72	-4.06	-19.51	19.67	-1.61	-0.04	-9.39	12.84
THRUST_SIN		0.00	-12.31	9.14	7.52	0.02	-62.42	5.54	13.40	0.32	5.41	1.26	-5.76	-1.04	5.05	2.81	25.84

RUN	POINT	Harmonics															
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.74	8.74	-13.74	2.86	1.56	256.41	8.90	-1.55	-7.52	-1.37	-4.75	3.13	-4.33	5.66	1.49	5.27
SIDERH_SIN		0.00	192.63	12.82	1.73	-60.65	-386.68	18.56	6.01	-0.18	-3.38	-2.10	5.74	0.50	-0.82	0.36	12.85
DRAGRH_COS		-210.31	227.89	10.28	-5.29	-13.37	122.88	-17.12	10.44	2.89	-4.25	0.08	8.41	0.24	4.01	3.20	7.67
DRAGRH_SIN		0.00	-71.94	13.82	2.45	33.27	525.27	-5.13	-5.29	-8.76	15.52	-1.48	-3.91	-0.71	-1.01	-0.05	0.49

RUN	POINT	Harmonics															
52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	0.11	0.01	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.23	0.00	0.00	0.01	0.03	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.47	2.12	1.27	-1.87	-10.06	-3.15	0.68	0.04	0.05	-0.03	-0.16	0.10	2.67	0.10	-0.12	0.28
ACT1FORCE_SIN		0.00	10.85	1.33	2.61	11.57	-0.91	-0.33	0.23	0.13	0.19	0.01	0.10	1.32	0.07	0.14	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.28	-17.86	-12.90	10.21	265.20	20.62	-8.09	0.15	0.59	0.18	-0.07	0.01	-0.08	0.12	-0.10	0.07
FA1IBVOLTAGE_SIN		0.00	-63.84	-5.90	-17.48	138.05	1.19	6.21	-0.12	-0.20	-0.05	0.02	-0.03	0.90	0.01	-0.10	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.73	18.06	12.97	-10.10	-266.62	-21.03	7.97	-0.11	0.46	-0.05	0.06	0.00	0.03	-0.16	0.11	-0.07
FA1OBVOLTAGE_SIN		0.00	63.98	6.01	17.82	-137.25	-1.31	-6.30	-0.05	-0.25	-0.03	0.10	0.05	-0.84	0.00	0.10	-0.01
MRBLD1CB42P75_COS		-4053.48	-1223.91	-75.63	226.51	-239.96	76.18	-14.51	116.77	64.13	19.57	-23.69	-8.39	-18.55	-9.00	-21.44	-3.81
MRBLD1CB42P75_SIN		0.00	-196.82	-32.10	-182.63	171.93	11.01	-73.05	59.08	45.68	28.43	-60.82	-36.62	-25.21	-22.48	-15.46	-20.56

RUN	POINT	Harmonics															
52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2752.01	-596.48	256.61	211.58	-332.46	72.80	-135.86	81.98	66.70	19.21	-4.71	-8.75	-7.51	-9.56	-13.09	-15.53
MRBLD1CB70_SIN		0.00	-134.24	-31.98	-152.07	210.82	19.80	70.33	35.87	45.29	32.83	-41.63	-18.08	-12.16	-5.75	-15.39	-14.72
MRBLD1CB120_COS		-563.35	-157.73	396.40	160.29	-285.83	67.11	-231.70	44.47	-34.28	-10.35	36.03	11.87	9.02	-1.95	4.27	6.15
MRBLD1CB120_SIN		0.00	19.81	-91.92	-184.33	268.10	2.92	181.18	-16.54	-25.17	-36.63	39.42	19.88	8.25	12.05	-2.20	-5.31
MRBLD1CB164_COS		-1989.32	-62.54	127.66	22.38	-156.22	-2.76	-122.93	-10.78	-40.82	-4.39	24.89	15.89	13.54	5.47	2.68	4.11
MRBLD1CB164_SIN		0.00	51.39	-47.22	-60.99	178.08	-12.48	98.03	-23.93	-41.41	-49.58	36.54	10.76	8.01	-0.77	14.25	17.30
MRBLD1FB42P75_COS		3122.39	45.93	-426.48	109.63	-36.08	97.37	-29.77	225.70	-47.46	-34.36	37.25	9.23	-27.35	-14.74	-41.18	-29.76
MRBLD1FB42P75_SIN		0.00	33.77	-113.48	-277.79	823.56	6.81	-17.95	-42.10	6.99	-67.52	-52.02	-35.32	-11.47	-12.23	11.19	-37.02
MRBLD1FB70_COS		407.69	-96.45	-226.04	14.96	-54.44	25.26	-11.74	48.96	-0.24	-2.71	-3.74	-3.10	2.41	1.87	9.66	6.73
MRBLD1FB70_SIN		0.00	-126.65	-39.03	-103.81	244.00	-8.18	-8.75	-5.68	4.04	1.85	1.51	2.63	0.85	1.19	-1.93	8.63
MRBLD1FB87_COS		-85.40	-56.67	-177.92	-9.57	-41.24	-13.47	-10.32	-19.48	8.31	8.16	1.33	3.75	7.97	3.28	7.89	5.55
MRBLD1FB87_SIN		0.00	-120.91	-3.52	-18.59	120.83	-3.08	-4.42	-3.09	-5.67	8.99	11.38	9.78	3.28	4.56	-0.99	6.70
MRBLD1FB120_COS		-466.90	-49.97	-241.61	-19.56	6.45	-47.86	11.39	-60.84	4.82	1.99	-1.90	-4.41	-7.16	-0.76	-13.17	-8.59
MRBLD1FB120_SIN		0.00	-172.90	21.70	50.25	21.77	4.77	10.11	12.09	0.90	1.53	-8.31	-7.47	-4.11	-6.73	0.78	-10.46
MRBLD1FB164_COS		-103.39	-19.18	-346.19	-1.86	87.43	32.80	16.08	80.61	-9.35	1.64	3.52	10.45	14.47	0.36	2.83	4.82
MRBLD1FB164_SIN		0.00	-217.23	20.57	51.05	-459.44	-7.89	-9.81	-27.56	-4.47	1.39	12.85	13.78	-0.22	-0.62	1.23	9.21

RUN	POINT	Harmonics															
52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.22	-11.62	-204.35	3.36	53.69	38.37	-8.69	67.44	-5.85	10.71	7.04	12.43	18.21	3.33	-11.39	-5.25
MRBLD1FB180_SIN		0.00	-156.51	17.66	26.50	-338.03	-26.75	-2.39	-30.11	-24.78	3.54	11.96	4.66	-1.21	-0.32	2.74	-12.71
MRBLD1TOR51_COS		-1377.73	36.72	-22.41	-0.30	-51.78	87.78	38.15	58.62	3.13	1.60	-1.63	1.62	16.01	-0.35	-2.69	1.75
MRBLD1TOR51_SIN		0.00	-28.93	-3.46	-21.99	-237.02	63.31	-37.61	-2.46	1.45	-0.06	-3.58	-1.19	4.95	2.37	0.09	-2.36
MRBLD1TOR71_COS		-235.43	42.30	-29.55	-13.09	-34.82	76.42	42.79	42.03	1.19	-0.32	-3.80	1.17	13.91	0.37	-2.17	2.15
MRBLD1TOR71_SIN		0.00	-30.52	-8.67	-14.72	-251.00	56.74	-28.60	-4.27	2.13	0.98	-0.61	0.39	4.91	3.85	0.88	-1.75
MRBLD1TOR130_COS		-3.51	41.65	-10.17	-22.23	-27.38	62.78	35.12	33.45	-0.90	0.04	-0.18	1.12	0.31	-1.38	-2.27	-0.65
MRBLD1TOR130_SIN		0.00	-26.69	-2.06	0.62	-258.37	45.34	-14.96	-1.74	3.82	-0.77	2.27	-0.07	-3.61	-0.56	-0.45	0.50
MRBLD1TOR164_COS		-205.48	30.42	45.98	-19.46	-58.23	35.15	12.25	8.63	0.04	2.68	1.81	0.45	-5.69	1.80	-1.60	-1.72
MRBLD1TOR164_SIN		0.00	-6.07	3.03	-1.75	-118.96	23.42	-3.97	-3.67	1.25	1.35	2.07	0.39	-4.74	-0.88	-2.81	-1.72
MRFBM1CB26P5_COS		-4806.41	-517.78	-74.67	63.23	40.60	9.31	26.20	9.01	-3.12	-0.29	-1.76	1.88	-0.60	0.88	-1.66	4.66
MRFBM1CB26P5_SIN		0.00	-127.43	2.97	-44.94	-24.28	-8.99	-40.17	4.77	-0.45	-4.52	-2.83	-2.38	-1.28	-1.88	-0.65	-2.60
MRFBM1FB9_COS		330.44	-76.82	183.85	-50.64	52.19	-6.44	9.12	-11.55	-0.29	-1.13	-2.69	-1.00	-0.07	-0.44	0.41	-0.77
MRFBM1FB9_SIN		0.00	33.92	63.25	52.64	-87.07	-5.15	16.74	-7.69	-0.57	0.74	0.76	0.62	1.22	0.83	1.35	1.19
MRFBM1TOR26P5_COS		-365.02	95.23	-0.14	-0.15	-1.29	1.46	-0.32	0.56	0.00	-0.07	-0.02	-0.04	0.14	0.07	0.11	-0.03
MRFBM1TOR26P5_SIN		0.00	-68.29	-0.48	0.38	-4.84	0.47	-0.98	0.07	-0.01	0.22	-0.10	0.08	0.12	0.05	0.08	0.09

RUN	POINT	Harmonics															
52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1082.63	-1173.88	-154.94	204.32	-114.95	66.74	1.74	101.83	24.71	12.67	-8.97	0.21	-12.72	-5.89	-17.66	3.24
MRPC1CB33P25_SIN		0.00	-161.58	-10.77	-173.50	142.61	0.20	-87.28	39.49	20.25	0.60	-36.00	-24.65	-17.55	-16.80	-13.74	-21.84
MRPC1FB33P25_COS		2281.18	5.21	-316.20	141.05	-223.00	72.76	-19.58	189.32	-32.14	12.21	58.14	31.39	-13.13	-1.68	-36.06	14.42
MRPC1FB33P25_SIN		0.00	138.66	-154.48	-198.58	683.19	23.62	-15.12	53.25	-15.68	-64.67	-18.92	-18.46	-26.93	-19.06	-30.81	-46.98
MRPC1TOR25P5_COS		-805.97	-32.62	18.54	6.05	22.72	-96.71	-45.39	-61.47	-1.28	-1.60	0.44	-2.20	-23.25	-2.00	-4.58	-0.12
MRPC1TOR25P5_SIN		0.00	89.51	-48.50	26.01	292.59	-72.19	40.79	3.22	-1.37	-0.57	1.53	-2.31	-11.96	-5.19	-6.50	-5.04
MRPLK1LOAD_COS		-91.86	11.33	2.69	1.91	4.10	-14.13	-5.11	-8.86	-0.32	0.28	0.03	-0.46	-3.41	-0.39	-0.88	0.05
MRPLK1LOAD_SIN		0.00	-14.98	-2.29	2.86	36.29	-8.61	5.24	0.66	-0.12	-0.28	0.69	-0.41	-1.95	-0.70	-1.18	-1.00
PITCHRH_COS		10748.07	-8703.46	-381.42	-2.46	-120.83	2011.62	-115.53	1.09	63.33	71.75	369.56	-74.67	7.21	-55.16	-52.07	-188.88
PITCHRH_SIN		0.00	3241.49	-471.20	45.65	-59.49	1868.47	-119.22	132.86	99.77	-223.39	-325.24	54.14	37.46	47.71	-17.47	-27.88
ROLLRH_COS		-117.91	-2788.34	473.99	-53.44	-430.25	-4885.93	-33.14	-28.86	127.33	62.38	141.88	-123.97	141.43	-204.22	-85.32	-56.70
ROLLRH_SIN		0.00	-8526.81	-600.19	-64.32	70.71	1214.01	-256.76	-82.68	-4.65	37.35	-107.21	-90.25	-1.35	5.91	-31.21	-323.98
TORQ_COS		30006.14	501.82	-0.25	6.95	13.60	-21.66	-8.69	-14.52	-17.37	1.29	34.27	-0.33	5.64	-3.33	-10.17	-21.73
TORQ_SIN		0.00	511.58	-24.64	21.38	54.73	-30.17	15.44	-1.17	-16.88	-4.56	12.77	8.30	-9.79	7.23	-12.37	26.56
THRUST_COS		5836.07	-70.05	6.51	3.45	8.83	-111.81	2.79	-2.52	4.51	-5.10	-18.24	19.64	-1.94	-0.19	-6.04	13.88
THRUST_SIN		0.00	-11.90	9.61	7.67	2.25	-54.77	5.46	13.04	0.66	6.31	-1.32	-4.63	-0.58	5.58	4.61	16.31

RUN	POINT	Harmonics															
52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.61	4.12	-13.87	2.86	3.21	271.45	5.36	-1.28	-6.42	-1.55	-3.55	3.27	-4.50	6.14	2.51	1.33
SIDERH_SIN		0.00	198.09	12.54	2.13	-59.82	-377.76	16.71	6.25	-0.55	-3.15	-0.04	5.40	0.21	0.46	0.45	10.19
DRAGRH_COS		-208.21	228.55	10.69	-5.27	-13.52	114.09	-20.45	11.67	3.96	-4.22	4.35	6.53	-0.07	3.06	2.69	9.50
DRAGRH_SIN		0.00	-72.16	13.34	2.33	34.71	539.11	-2.71	-5.23	-9.53	14.44	-1.94	-2.94	-1.28	-0.65	0.06	0.77

RUN	POINT	Harmonics															
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	-0.01	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.30	2.06	1.22	-1.95	-10.03	-3.12	0.74	0.10	-0.05	-0.05	-0.09	0.13	2.60	0.08	-0.15	0.28
ACT1FORCE_SIN		0.00	10.83	1.33	2.63	11.40	-1.04	-0.37	0.26	0.21	0.15	-0.09	0.12	1.30	0.06	0.18	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.74	-17.33	-13.59	10.56	263.92	20.68	-7.95	0.15	0.58	0.18	-0.02	0.03	-0.12	-0.02	-0.13	0.02
FA1IBVOLTAGE_SIN		0.00	-63.89	-5.39	-17.11	138.91	1.39	6.21	-0.13	-0.11	-0.06	0.03	0.09	0.92	0.02	0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.27	17.52	13.65	-10.45	-265.13	-21.09	7.84	-0.10	0.46	-0.05	0.01	-0.04	0.07	-0.02	0.12	-0.01
FA1OBVOLTAGE_SIN		0.00	64.05	5.51	17.44	-138.55	-1.55	-6.27	-0.03	-0.31	-0.02	0.06	-0.08	-0.86	-0.01	-0.02	0.02
MRBLD1CB42P75_COS		-4020.34	-1310.72	-80.36	237.21	-239.67	75.51	-18.80	99.56	57.04	27.47	-13.18	-5.76	-21.67	-11.04	-28.23	0.68
MRBLD1CB42P75_SIN		0.00	-292.87	-36.41	-170.76	158.00	17.43	-66.18	61.28	39.34	24.35	-73.08	-34.72	-20.52	-19.17	-18.87	-19.18

RUN	POINT	Harmonics															
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2772.04	-651.17	248.14	219.68	-318.76	70.50	-135.56	70.08	61.45	24.49	2.90	-6.21	-10.31	-9.47	-17.24	-10.12
MRBLD1CB70_SIN		0.00	-199.77	-36.26	-138.92	189.51	27.13	71.63	42.20	41.29	30.06	-50.84	-19.53	-8.00	-3.19	-16.42	-13.95
MRBLD1CB120_COS		-556.09	-179.11	385.89	167.67	-274.97	64.30	-225.37	42.31	-30.48	-16.00	31.65	10.72	10.28	-1.33	4.98	7.13
MRBLD1CB120_SIN		0.00	-13.55	-93.54	-172.19	246.56	8.17	175.07	-8.33	-22.75	-35.31	47.87	19.49	7.11	11.00	-2.36	-4.73
MRBLD1CB164_COS		-1985.37	-66.83	124.37	27.24	-151.07	-2.31	-116.55	-5.74	-36.94	-10.56	18.80	14.12	14.86	4.89	4.80	0.49
MRBLD1CB164_SIN		0.00	42.95	-46.80	-55.64	168.00	-11.78	92.18	-20.28	-37.37	-48.92	44.90	13.03	6.57	-1.63	14.39	15.15
MRBLD1FB42P75_COS		3106.27	71.36	-423.67	146.41	-66.78	97.06	-39.25	200.91	-51.44	-39.14	41.37	13.83	-24.10	-13.87	-54.92	-20.54
MRBLD1FB42P75_SIN		0.00	53.96	-107.84	-265.37	808.36	6.21	-10.63	-24.09	7.17	-70.06	-51.48	-30.76	-7.08	-5.15	18.78	-41.82
MRBLD1FB70_COS		406.38	-96.90	-223.36	27.02	-62.78	24.75	-13.44	44.31	-0.70	-2.14	-3.17	-3.22	1.51	1.32	11.92	4.57
MRBLD1FB70_SIN		0.00	-126.47	-37.39	-97.96	238.86	-7.35	-6.86	-2.56	3.29	0.91	1.05	2.78	0.88	0.18	-3.17	9.71
MRBLD1FB87_COS		-85.58	-56.67	-174.92	-2.76	-43.65	-13.15	-9.65	-17.76	8.20	8.16	0.23	2.98	7.78	3.12	10.73	3.93
MRBLD1FB87_SIN		0.00	-119.16	-3.17	-16.02	118.08	-3.07	-4.63	-4.32	-5.49	9.36	11.35	8.47	2.33	3.36	-2.54	7.41
MRBLD1FB120_COS		-466.64	-50.63	-237.67	-12.77	9.51	-47.31	13.82	-54.69	5.85	2.27	-1.94	-4.38	-6.34	0.03	-16.46	-6.04
MRBLD1FB120_SIN		0.00	-167.51	21.74	52.16	21.93	2.63	7.11	7.84	2.43	2.22	-7.75	-6.70	-3.44	-5.42	2.80	-11.47
MRBLD1FB164_COS		-108.36	-20.83	-344.56	5.58	95.71	28.34	13.16	70.92	-9.19	2.01	2.75	9.40	13.35	0.58	5.18	3.42
MRBLD1FB164_SIN		0.00	-209.86	20.20	52.14	-450.16	-7.91	-9.00	-21.96	-5.06	1.60	12.51	12.30	-1.14	-1.45	0.16	8.87

RUN	POINT	Harmonics															
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.62	-12.14	-204.19	6.15	58.66	36.04	-11.80	58.22	-6.60	12.04	6.81	11.16	17.98	3.25	-16.93	-2.21
MRBLD1FB180_SIN		0.00	-152.73	17.45	26.57	-332.09	-25.76	0.07	-24.26	-26.10	3.56	13.05	3.13	-1.61	1.30	5.74	-13.50
MRBLD1TOR51_COS		-1379.03	35.10	-21.53	2.87	-53.12	85.89	38.62	53.52	0.55	1.41	-0.69	2.30	15.52	-1.27	-5.59	1.78
MRBLD1TOR51_SIN		0.00	-30.14	-2.65	-19.48	-239.05	61.44	-30.81	3.53	2.03	-1.30	-4.81	-1.03	5.28	2.79	-0.94	-2.71
MRBLD1TOR71_COS		-236.33	41.79	-28.52	-11.46	-35.29	74.50	43.20	38.95	-0.67	-0.60	-3.30	1.43	13.79	-0.07	-3.67	2.06
MRBLD1TOR71_SIN		0.00	-30.20	-7.82	-13.02	-251.78	55.15	-22.47	1.01	3.04	0.29	-1.47	0.30	5.23	3.84	0.31	-2.03
MRBLD1TOR130_COS		-4.07	40.92	-9.14	-21.32	-26.39	61.09	34.81	31.04	-1.80	0.08	0.35	0.95	0.57	-1.34	-0.98	-0.19
MRBLD1TOR130_SIN		0.00	-26.60	-2.20	1.11	-257.83	44.43	-10.46	2.15	4.41	-1.22	1.78	0.09	-2.49	-0.64	-0.17	0.60
MRBLD1TOR164_COS		-204.96	29.88	46.26	-20.37	-58.16	34.55	11.46	7.92	-0.15	2.77	1.64	0.31	-5.01	1.83	-1.02	-0.88
MRBLD1TOR164_SIN		0.00	-7.32	2.69	-2.23	-120.32	23.59	-1.45	-1.95	1.40	1.58	2.32	0.06	-3.85	-0.61	-2.52	-1.17
MRFBM1CB26P5_COS		-4785.46	-557.59	-75.40	64.73	35.70	9.61	25.54	7.60	-3.75	-0.12	-1.56	1.83	-0.48	0.18	-2.42	4.69
MRFBM1CB26P5_SIN		0.00	-172.11	1.65	-44.28	-23.06	-7.99	-38.59	3.80	-1.06	-4.50	-2.91	-1.52	-1.12	-1.64	-1.13	-2.15
MRFBM1FB9_COS		316.24	-34.97	181.27	-58.41	54.11	-6.18	9.26	-9.77	-0.19	-1.34	-2.95	-0.94	0.14	-0.18	0.72	-0.88
MRFBM1FB9_SIN		0.00	42.49	61.66	46.80	-84.32	-4.99	15.98	-7.25	-0.32	0.96	0.80	0.53	1.13	0.76	1.75	0.83
MRFBM1TOR26P5_COS		-365.02	95.72	-0.10	-0.13	-1.22	1.42	-0.20	0.50	-0.01	-0.05	0.00	-0.03	0.11	0.05	0.07	-0.05
MRFBM1TOR26P5_SIN		0.00	-67.70	-0.38	0.39	-4.84	0.46	-0.85	0.11	-0.02	0.20	-0.09	0.09	0.07	0.06	0.08	0.08

RUN	POINT	Harmonics															
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1052.59	-1252.75	-158.41	214.70	-124.12	66.91	-2.15	86.87	19.73	16.42	-2.86	1.82	-14.33	-7.72	-24.54	7.54
MRPC1CB33P25_SIN		0.00	-243.34	-14.55	-165.53	135.60	3.26	-81.30	40.84	16.11	-2.70	-42.56	-21.77	-14.31	-13.72	-16.61	-19.65
MRPC1FB33P25_COS		2265.01	26.88	-315.44	169.22	-245.07	72.44	-29.93	163.23	-35.40	10.31	60.94	32.02	-13.95	-6.59	-50.01	24.30
MRPC1FB33P25_SIN		0.00	157.60	-151.09	-182.22	662.64	23.42	-12.99	58.21	-17.22	-68.47	-15.63	-12.18	-21.49	-13.83	-38.01	-41.74
MRPC1TOR25P5_COS		-804.91	-27.75	15.07	2.91	24.55	-94.91	-47.38	-57.14	1.02	-1.44	-0.25	-2.83	-22.27	-1.33	-1.31	1.58
MRPC1TOR25P5_SIN		0.00	91.71	-48.88	24.81	293.10	-69.17	33.56	-2.84	-2.49	0.76	2.02	-2.09	-10.47	-5.30	-6.03	-4.02
MRPLK1LOAD_COS		-91.68	11.32	2.49	1.45	4.39	-13.84	-5.42	-8.19	0.12	0.30	-0.13	-0.63	-3.11	-0.23	-0.22	0.34
MRPLK1LOAD_SIN		0.00	-14.89	-2.40	2.60	36.46	-8.28	4.22	-0.21	-0.19	-0.06	0.73	-0.43	-1.60	-0.75	-1.06	-0.78
PITCHRH_COS		10064.92	-8716.25	-379.35	-12.09	-113.78	1827.91	-70.22	-48.99	66.04	70.35	368.23	-138.81	21.25	-64.35	-58.86	-190.25
PITCHRH_SIN		0.00	3232.82	-478.55	46.79	-69.30	1894.00	-107.74	112.57	142.22	-202.06	-313.25	74.70	18.81	36.16	-38.40	-22.37
ROLLRH_COS		-336.43	-2784.53	488.84	-54.70	-430.15	-4694.78	-40.31	-37.71	97.21	27.62	169.16	-116.79	130.64	-170.77	-87.50	18.05
ROLLRH_SIN		0.00	-8515.96	-612.60	-56.32	108.38	1116.37	-235.03	-99.56	23.05	40.79	-114.22	-113.72	10.04	-6.08	13.17	-356.17
TORQ_COS		30489.66	495.73	-3.54	9.12	24.37	-21.75	-8.28	-11.53	-11.23	0.51	31.41	1.67	3.33	-3.10	-9.09	-17.51
TORQ_SIN		0.00	510.53	-21.46	23.29	63.40	-37.74	14.74	3.37	-13.41	-5.98	13.66	9.92	-9.60	8.24	-11.89	27.03
THRUST_COS		5789.21	-70.75	5.59	2.83	8.63	-108.61	2.36	-3.20	4.85	-3.17	-22.22	19.95	-1.66	1.55	-8.05	5.33
THRUST_SIN		0.00	-11.07	9.38	7.89	0.16	-54.98	5.40	15.88	-0.34	5.86	-1.80	-2.91	1.27	4.36	2.48	11.99

RUN	POINT	Harmonics															
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.10	6.09	-13.57	3.20	1.26	267.39	5.48	-2.08	-4.87	-0.11	-4.65	2.57	-4.12	5.14	2.64	-0.52
SIDERH_SIN		0.00	194.82	12.66	1.97	-61.60	-359.74	18.21	5.48	-1.60	-3.24	0.04	6.59	-0.09	0.60	-0.84	11.02
DRAGRH_COS		-213.14	228.85	10.06	-4.57	-12.93	97.47	-18.93	11.14	3.71	-5.16	2.91	10.58	0.17	3.08	2.72	9.71
DRAGRH_SIN		0.00	-72.05	13.37	2.02	35.27	499.89	-5.70	-1.25	-9.14	12.75	-0.27	-3.73	-0.87	-0.74	1.05	0.19

RUN	POINT	Harmonics															
52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	0.11	0.01	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.02	0.04	0.01	-0.01	0.00	0.03	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.34	2.20	1.41	-1.88	-10.12	-3.09	0.77	0.07	-0.04	-0.11	-0.11	0.11	2.60	0.12	-0.10	0.31
ACT1FORCE_SIN		0.00	10.83	1.37	2.76	11.38	-0.84	-0.43	0.41	0.17	0.18	-0.09	0.11	1.33	0.07	0.12	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.50	-18.29	-14.09	10.31	263.49	20.36	-8.60	0.08	0.67	0.11	0.04	0.02	-0.15	0.03	-0.03	0.09
FA1IBVOLTAGE_SIN		0.00	-63.34	-5.66	-18.51	140.60	0.74	6.72	-0.13	-0.10	-0.11	0.01	0.01	0.82	0.13	-0.09	0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.52	18.51	14.17	-10.19	-264.95	-20.78	8.47	-0.04	0.38	0.01	-0.07	-0.03	0.10	-0.06	0.04	-0.09
FA1OBVOLTAGE_SIN		0.00	63.50	5.78	18.87	-139.81	-0.84	-6.80	-0.04	-0.31	0.03	0.10	0.00	-0.76	-0.13	0.10	-0.09
MRBLD1CB42P75_COS		-4013.06	-1251.42	-88.18	229.51	-244.87	76.66	-19.56	104.82	58.48	25.21	-19.81	-12.12	-24.11	-14.39	-29.87	-0.82
MRBLD1CB42P75_SIN		0.00	-295.94	-36.95	-183.14	171.48	5.91	-67.42	45.18	40.34	23.46	-75.74	-31.52	-21.49	-19.38	-19.39	-16.20

RUN	POINT	Harmonics															
52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2772.66	-617.10	246.72	212.91	-334.20	72.67	-138.94	73.47	63.07	23.40	-4.91	-11.42	-10.86	-10.23	-18.42	-11.67
MRBLD1CB70_SIN		0.00	-202.59	-35.22	-150.57	207.99	9.60	74.28	28.24	42.17	29.07	-51.63	-16.62	-9.64	-2.99	-17.66	-11.48
MRBLD1CB120_COS		-561.82	-166.90	390.87	160.99	-288.04	65.63	-233.49	42.67	-32.06	-14.23	36.70	14.79	11.24	-0.75	5.54	6.63
MRBLD1CB120_SIN		0.00	-12.12	-92.44	-183.76	267.04	-9.14	181.49	-16.65	-24.44	-35.27	46.51	18.14	7.54	11.99	-2.33	-4.56
MRBLD1CB164_COS		-1987.81	-63.66	126.71	23.53	-156.66	-2.20	-120.86	-7.40	-38.22	-8.75	26.41	17.66	15.14	5.10	6.15	2.80
MRBLD1CB164_SIN		0.00	44.50	-46.65	-60.29	175.79	-18.27	95.72	-19.23	-39.91	-49.27	43.22	10.83	7.10	-2.05	15.48	14.21
MRBLD1FB42P75_COS		3101.65	57.12	-435.03	119.61	-44.55	98.07	-40.51	198.16	-54.50	-37.69	40.61	13.88	-26.37	-16.42	-55.18	-17.38
MRBLD1FB42P75_SIN		0.00	60.24	-110.75	-278.39	824.86	4.91	-9.06	-55.82	4.10	-73.14	-67.45	-32.03	-5.82	-0.65	17.24	-35.64
MRBLD1FB70_COS		405.88	-96.48	-227.78	18.51	-57.15	24.68	-14.22	43.34	-1.14	-2.14	-3.48	-3.06	1.78	1.59	12.25	3.84
MRBLD1FB70_SIN		0.00	-125.35	-38.14	-102.21	245.22	-8.35	-6.58	-8.51	2.69	1.04	1.37	3.32	0.98	-0.45	-3.22	8.28
MRBLD1FB87_COS		-84.80	-56.42	-178.26	-6.97	-41.44	-12.78	-9.56	-17.68	8.12	7.55	0.49	3.09	8.48	3.72	10.88	3.71
MRBLD1FB87_SIN		0.00	-118.40	-3.36	-17.49	120.38	-3.25	-4.58	-1.39	-5.16	9.69	14.04	8.22	1.83	2.22	-2.48	5.98
MRBLD1FB120_COS		-463.37	-50.91	-243.50	-16.89	7.14	-46.87	15.44	-52.67	6.97	2.28	-1.67	-4.98	-7.24	-0.81	-16.94	-5.59
MRBLD1FB120_SIN		0.00	-168.35	21.95	53.35	19.55	5.13	6.40	15.47	2.39	2.41	-8.35	-6.95	-3.51	-4.11	2.68	-9.54
MRBLD1FB164_COS		-106.71	-22.65	-353.23	0.06	90.99	29.81	9.79	70.97	-11.72	2.06	2.70	9.85	14.24	1.09	5.42	3.50
MRBLD1FB164_SIN		0.00	-212.70	21.01	54.71	-457.80	-2.12	-8.04	-32.67	-6.36	1.65	13.84	13.03	-0.52	-2.37	0.36	7.99

RUN	POINT	Harmonics															
52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.03	-13.53	-209.65	2.82	55.83	35.98	-14.88	56.66	-8.00	11.02	6.26	11.03	18.74	3.20	-17.74	-2.47
MRBLD1FB180_SIN		0.00	-154.31	17.98	27.87	-336.34	-24.00	0.92	-35.04	-27.20	3.52	17.84	2.22	-2.27	1.28	4.46	-11.34
MRBLD1TOR51_COS		-1379.68	35.11	-24.02	-1.09	-51.03	88.10	37.43	53.39	0.94	1.08	-1.75	2.20	15.73	-0.90	-4.76	1.87
MRBLD1TOR51_SIN		0.00	-31.17	-3.41	-22.79	-237.90	59.34	-33.09	-1.77	1.09	-1.04	-4.01	-1.13	5.56	2.86	-1.49	-2.21
MRBLD1TOR71_COS		-236.75	41.47	-30.52	-14.05	-33.17	76.46	42.48	38.27	-0.34	-0.97	-4.26	1.41	13.98	0.28	-3.39	1.96
MRBLD1TOR71_SIN		0.00	-30.78	-8.54	-15.42	-251.94	53.80	-24.54	-2.44	2.35	0.50	-0.23	0.16	5.44	3.75	-0.12	-1.64
MRBLD1TOR130_COS		-4.24	40.78	-10.54	-22.36	-25.61	62.87	34.29	30.52	-1.74	0.19	0.67	0.91	0.56	-1.47	-1.44	-0.06
MRBLD1TOR130_SIN		0.00	-27.22	-2.63	-0.23	-258.73	43.20	-11.93	-1.78	3.49	-1.70	1.64	0.03	-3.00	-0.98	-0.28	0.66
MRBLD1TOR164_COS		-205.13	29.97	46.86	-19.98	-57.45	35.68	11.78	7.49	0.09	2.94	1.68	0.41	-4.84	1.60	-1.53	-1.20
MRBLD1TOR164_SIN		0.00	-7.49	2.61	-2.70	-119.22	21.97	-1.90	-3.43	1.41	1.21	2.72	0.00	-4.29	-0.58	-2.44	-1.15
MRFBM1CB26P5_COS		-4782.28	-529.69	-79.56	64.12	38.00	9.42	25.83	8.05	-3.66	-0.12	-0.53	1.97	-0.91	-0.29	-2.30	4.49
MRFBM1CB26P5_SIN		0.00	-171.93	0.89	-46.47	-23.64	-8.06	-39.30	2.98	-0.91	-4.61	-3.56	-1.71	-1.07	-1.70	-0.90	-1.88
MRFBM1FB9_COS		307.28	-50.99	188.25	-52.87	52.69	-6.50	9.74	-10.84	-0.21	-1.28	-3.16	-0.82	0.23	0.03	0.70	-0.57
MRFBM1FB9_SIN		0.00	52.16	64.82	52.02	-87.23	-4.50	16.44	-5.81	-0.10	1.03	1.20	0.56	1.21	0.87	1.71	0.80
MRFBM1TOR26P5_COS		-365.08	95.48	-0.16	-0.16	-1.22	1.44	-0.27	0.52	-0.01	-0.06	-0.03	-0.03	0.12	0.07	0.11	-0.03
MRFBM1TOR26P5_SIN		0.00	-67.79	-0.42	0.38	-4.85	0.42	-0.89	0.10	-0.02	0.23	-0.09	0.10	0.09	0.07	0.07	0.07

RUN	POINT	Harmonics															
52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1045.21	-1198.72	-167.23	207.16	-121.66	66.88	-2.90	91.28	20.37	15.55	-4.42	-1.33	-16.14	-10.70	-25.14	5.82
MRPC1CB33P25_SIN		0.00	-247.20	-15.27	-175.75	143.99	-2.32	-82.68	27.88	16.46	-3.22	-46.26	-20.03	-14.67	-13.75	-17.09	-16.92
MRPC1FB33P25_COS		2261.85	13.10	-324.69	149.28	-230.42	73.78	-31.05	173.76	-36.19	12.58	69.07	32.61	-16.71	-11.70	-49.71	20.54
MRPC1FB33P25_SIN		0.00	162.55	-154.92	-197.45	682.07	22.12	-11.62	31.58	-20.96	-70.55	-27.90	-13.33	-22.58	-12.86	-39.26	-35.34
MRPC1TOR25P5_COS		-803.57	-29.48	17.86	6.85	21.80	-97.16	-45.64	-56.37	0.75	-0.86	1.15	-3.22	-23.00	-2.41	-3.44	0.87
MRPC1TOR25P5_SIN		0.00	93.11	-49.37	27.18	293.32	-68.42	36.03	1.18	-1.48	0.04	0.93	-2.12	-11.71	-5.70	-5.97	-3.69
MRPLK1LOAD_COS		-91.53	11.40	2.75	2.03	4.03	-14.17	-5.13	-8.11	0.05	0.35	0.10	-0.67	-3.21	-0.43	-0.61	0.19
MRPLK1LOAD_SIN		0.00	-14.62	-2.36	2.94	36.42	-8.01	4.50	0.43	-0.07	-0.20	0.61	-0.43	-1.80	-0.87	-1.05	-0.72
PITCHRH_COS		10351.74	-8721.18	-383.18	-4.68	-115.37	1907.62	-106.57	-40.33	78.41	68.25	357.27	-107.71	20.63	-75.49	-48.73	-212.59
PITCHRH_SIN		0.00	3203.49	-489.68	38.28	-82.04	1944.66	-115.65	122.12	133.51	-220.66	-336.31	64.78	9.99	58.43	-30.16	1.59
ROLLRH_COS		-491.88	-2766.67	480.75	-49.63	-428.51	-4859.75	-46.99	-52.08	116.57	30.56	151.81	-127.74	139.61	-171.61	-71.25	44.06
ROLLRH_SIN		0.00	-8518.37	-613.75	-54.94	103.49	1218.31	-248.91	-75.71	-1.11	42.70	-119.15	-101.21	16.10	25.30	-19.43	-362.46
TORQ_COS		30570.00	495.57	-1.81	10.79	31.31	-22.47	-7.69	-10.48	-12.73	-0.42	28.67	-0.10	4.53	-2.08	-9.22	-15.57
TORQ_SIN		0.00	509.40	-16.35	22.53	60.39	-27.64	14.81	3.31	-14.63	-4.51	15.54	10.33	-8.18	7.61	-11.92	23.24
THRUST_COS		5766.63	-71.56	5.74	3.19	7.30	-110.31	1.56	-0.33	4.48	-4.16	-22.52	19.51	-1.10	0.37	-7.39	7.49
THRUST_SIN		0.00	-11.64	8.98	6.78	1.27	-53.32	6.18	14.58	-0.45	5.86	4.31	-4.17	0.92	3.97	5.22	11.60

RUN	POINT	Harmonics															
52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.62	6.95	-13.72	3.04	2.97	271.91	3.73	-1.01	-5.60	-0.14	-3.72	3.18	-4.25	5.21	2.19	-1.25
SIDERH_SIN		0.00	197.10	13.20	2.47	-61.76	-371.98	19.68	4.91	-1.08	-3.43	-0.01	6.01	-0.51	-0.47	0.16	11.08
DRAGRH_COS		-210.77	228.92	10.13	-4.89	-13.27	110.22	-16.51	11.19	2.87	-4.23	4.93	9.32	-1.17	3.75	2.40	10.74
DRAGRH_SIN		0.00	-72.19	13.31	2.45	35.09	518.97	-3.41	-3.85	-9.06	13.93	-1.12	-3.69	-0.77	-1.64	0.97	-1.51

RUN	POINT	Harmonics															
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.02	0.04	0.01	-0.01	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.46	2.11	1.64	-1.97	-9.98	-3.11	0.79	0.12	-0.11	-0.14	-0.07	0.06	2.60	0.12	-0.07	0.31
ACT1FORCE_SIN		0.00	10.82	1.25	2.68	11.36	-0.93	-0.34	0.42	0.19	0.15	-0.16	0.12	1.32	0.06	0.17	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.56	-17.59	-15.44	10.68	262.42	20.58	-8.34	0.15	0.51	0.10	-0.02	0.02	-0.09	0.03	-0.13	-0.02
FA1IBVOLTAGE_SIN		0.00	-63.43	-4.43	-18.23	141.31	1.09	6.44	-0.25	-0.11	-0.12	0.02	0.03	0.86	0.00	0.00	0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.48	17.78	15.51	-10.57	-263.63	-20.99	8.22	-0.11	0.54	0.03	0.00	-0.02	0.04	-0.05	0.13	0.02
FA1OBVOLTAGE_SIN		0.00	63.59	4.54	18.57	-140.95	-1.24	-6.51	0.10	-0.30	0.04	0.08	-0.02	-0.81	0.00	0.02	-0.07
MRBLD1CB42P75_COS		-4006.50	-1316.91	-108.81	229.91	-234.70	77.87	-21.67	93.26	62.98	25.13	-4.24	-5.85	-22.06	-12.32	-28.10	2.71
MRBLD1CB42P75_SIN		0.00	-318.33	-33.69	-174.11	178.54	17.16	-69.47	49.26	36.32	25.43	-89.24	-17.68	-19.79	-19.53	-24.03	-16.16

RUN	POINT	Harmonics															
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2772.92	-655.13	233.96	211.61	-320.40	68.60	-134.84	64.00	65.97	21.84	2.10	-6.53	-9.55	-10.58	-16.93	-9.41
MRBLD1CB70_SIN		0.00	-212.92	-34.19	-142.79	219.18	35.51	69.60	31.41	39.10	31.94	-61.91	-9.37	-9.34	-3.36	-20.72	-12.65
MRBLD1CB120_COS		-564.67	-180.11	381.87	159.86	-274.97	57.39	-225.34	36.96	-30.84	-10.74	31.32	11.43	10.25	-1.18	5.15	7.18
MRBLD1CB120_SIN		0.00	-14.51	-91.92	-174.71	275.06	20.25	179.09	-15.24	-22.99	-37.24	56.56	11.66	6.74	10.84	-2.68	-4.14
MRBLD1CB164_COS		-1988.25	-66.23	125.32	23.16	-149.94	-6.23	-115.47	-6.26	-38.91	-4.10	22.71	15.48	14.47	5.72	5.06	0.45
MRBLD1CB164_SIN		0.00	43.78	-46.59	-56.86	178.34	-6.38	95.16	-19.70	-37.54	-51.86	53.99	6.11	6.85	-2.31	16.76	14.03
MRBLD1FB42P75_COS		3103.05	73.34	-444.39	125.39	-31.95	94.84	-51.41	173.27	-52.67	-33.94	60.27	23.12	-24.57	-17.68	-63.80	-11.74
MRBLD1FB42P75_SIN		0.00	61.15	-106.07	-258.15	812.32	-2.81	-5.07	-38.47	-3.52	-85.95	-78.25	-24.38	-4.49	-4.78	10.48	-40.36
MRBLD1FB70_COS		407.91	-96.50	-231.12	19.74	-52.06	24.56	-15.67	39.84	-0.02	-1.63	-3.27	-3.00	1.74	2.04	13.89	2.64
MRBLD1FB70_SIN		0.00	-126.97	-36.51	-95.14	242.04	-9.12	-5.56	-5.31	1.74	0.41	0.57	2.73	0.66	-0.04	-1.79	9.21
MRBLD1FB87_COS		-83.59	-57.18	-179.90	-7.41	-39.40	-12.74	-8.73	-15.10	8.28	7.19	-3.49	0.46	7.60	3.64	12.71	2.68
MRBLD1FB87_SIN		0.00	-119.95	-3.09	-14.07	119.07	-3.47	-4.65	-2.90	-3.98	11.86	17.48	6.31	1.64	3.04	-1.06	7.21
MRBLD1FB120_COS		-462.59	-51.69	-242.50	-17.57	6.96	-47.73	16.58	-48.78	4.58	1.29	-1.00	-3.66	-6.93	-0.89	-19.31	-4.00
MRBLD1FB120_SIN		0.00	-168.80	20.80	54.03	19.72	4.41	5.65	11.39	3.85	2.73	-9.58	-6.28	-3.46	-5.13	0.20	-11.40
MRBLD1FB164_COS		-106.64	-23.02	-357.23	-1.26	80.45	26.52	9.79	64.02	-7.81	3.20	0.68	7.51	13.44	1.16	6.53	2.17
MRBLD1FB164_SIN		0.00	-211.75	21.14	55.07	-455.17	-1.14	-5.07	-27.06	-7.13	2.17	16.62	12.40	-0.55	-1.55	1.09	8.72

RUN	POINT	Harmonics															
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.62	-13.21	-212.39	3.00	48.89	34.93	-14.42	52.11	-3.87	12.48	0.56	6.95	17.54	0.83	-21.91	-0.47
MRBLD1FB180_SIN		0.00	-153.91	18.35	28.13	-334.36	-21.99	3.07	-30.15	-27.65	6.17	25.60	-1.64	-3.75	0.70	1.92	-13.56
MRBLD1TOR51_COS		-1379.65	34.18	-27.27	-0.75	-50.36	86.95	36.64	50.69	1.50	0.82	-2.70	1.85	15.47	-1.59	-4.75	2.47
MRBLD1TOR51_SIN		0.00	-30.79	-2.24	-20.42	-238.52	59.52	-32.46	1.96	1.62	-0.96	-3.94	-2.06	4.65	1.67	-3.15	-2.66
MRBLD1TOR71_COS		-236.44	41.35	-32.69	-13.70	-33.22	75.51	42.13	37.15	0.08	-1.30	-5.74	0.94	13.79	-0.23	-3.44	2.53
MRBLD1TOR71_SIN		0.00	-30.28	-7.69	-13.91	-252.61	53.62	-23.98	0.78	3.05	0.69	0.08	-1.22	4.65	3.17	-1.14	-2.08
MRBLD1TOR130_COS		-4.15	40.47	-11.96	-21.85	-26.24	62.10	33.84	29.19	-0.85	0.65	1.87	0.64	0.48	-1.25	-1.62	-0.33
MRBLD1TOR130_SIN		0.00	-26.59	-2.25	0.44	-259.07	43.43	-11.86	0.95	3.75	-1.89	1.94	0.56	-2.84	-0.51	0.19	0.69
MRBLD1TOR164_COS		-205.30	29.73	46.96	-19.65	-55.84	35.53	11.42	7.26	0.27	2.89	1.34	0.46	-4.88	1.83	-1.80	-1.06
MRBLD1TOR164_SIN		0.00	-7.00	2.72	-2.56	-119.44	22.29	-2.27	-2.10	1.53	1.62	3.19	-0.29	-4.13	-0.25	-2.42	-0.74
MRFBM1CB26P5_COS		-4777.31	-560.06	-88.32	65.33	37.49	10.89	24.35	7.39	-3.20	0.36	1.51	1.91	-0.92	0.26	-2.49	5.01
MRFBM1CB26P5_SIN		0.00	-184.09	2.47	-44.35	-24.08	-10.09	-38.58	3.54	-1.36	-4.86	-3.53	-0.64	-0.85	-1.83	-1.55	-1.38
MRFBM1FB9_COS		309.01	-27.83	197.65	-52.63	50.82	-6.41	10.38	-9.20	-0.61	-1.74	-4.02	-0.77	0.17	-0.23	0.37	-0.82
MRFBM1FB9_SIN		0.00	47.59	62.27	46.35	-86.89	-4.61	16.24	-5.63	-0.10	1.05	0.88	-0.02	1.03	0.85	2.01	0.64
MRFBM1TOR26P5_COS		-365.11	95.80	-0.08	-0.15	-1.21	1.40	-0.27	0.50	-0.01	-0.07	-0.06	-0.01	0.13	0.03	0.11	-0.04
MRFBM1TOR26P5_SIN		0.00	-67.50	-0.42	0.39	-4.81	0.44	-0.82	0.11	0.00	0.24	-0.10	0.08	0.09	0.05	0.07	0.07

RUN	POINT	Harmonics															
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1036.56	-1258.94	-186.95	209.17	-115.46	69.36	-6.82	80.91	24.03	17.23	8.38	2.47	-15.09	-9.00	-24.42	9.35
MRPC1CB33P25_SIN		0.00	-266.43	-10.92	-167.66	146.03	-0.39	-82.58	30.98	12.93	-3.57	-53.63	-10.16	-13.49	-14.28	-21.64	-16.30
MRPC1FB33P25_COS		2262.25	27.52	-332.64	150.60	-218.20	72.96	-41.19	147.21	-31.30	22.05	89.70	33.97	-16.02	-9.10	-49.03	27.97
MRPC1FB33P25_SIN		0.00	164.71	-153.08	-179.61	674.80	15.82	-13.13	35.72	-26.30	-77.58	-24.91	-1.12	-20.18	-16.12	-50.44	-33.07
MRPC1TOR25P5_COS		-804.05	-26.86	20.58	6.39	22.63	-96.52	-45.54	-54.80	0.61	-0.28	3.97	-2.67	-22.93	-1.32	-3.33	1.15
MRPC1TOR25P5_SIN		0.00	93.04	-49.94	25.90	294.34	-67.53	34.65	-2.25	-2.68	0.12	0.34	0.70	-10.39	-3.79	-4.83	-2.99
MRPLK1LOAD_COS		-91.48	11.36	3.11	1.92	4.01	-13.99	-5.10	-7.83	0.04	0.45	0.47	-0.69	-3.21	-0.21	-0.62	0.26
MRPLK1LOAD_SIN		0.00	-14.68	-2.57	2.65	36.55	-7.98	4.31	-0.11	-0.21	-0.23	0.62	-0.15	-1.63	-0.57	-0.85	-0.67
PITCHRH_COS		9951.73	-8711.50	-370.14	-3.20	-116.59	1933.63	-69.22	-38.78	86.32	80.35	393.27	-121.44	28.11	-54.24	-52.52	-197.12
PITCHRH_SIN		0.00	3222.52	-485.41	45.62	-89.65	1911.25	-113.65	102.23	153.95	-218.46	-328.76	74.88	19.17	51.58	-25.85	-25.91
ROLLRH_COS		-430.42	-2765.37	493.61	-48.15	-436.95	-4746.50	-21.54	-53.62	122.49	48.66	186.97	-123.13	131.69	-153.63	-66.72	70.18
ROLLRH_SIN		0.00	-8517.03	-615.45	-61.50	111.29	1341.26	-200.81	-76.24	19.45	35.46	-100.16	-101.92	19.31	1.75	0.26	-391.74
TORQ_COS		30679.28	501.58	1.23	10.38	17.50	-29.56	-9.36	-12.74	-14.73	0.47	23.97	-0.70	2.14	-1.83	-9.58	-17.73
TORQ_SIN		0.00	509.94	-14.77	23.01	49.20	-34.60	14.40	2.00	-13.43	-5.77	17.17	8.34	-9.14	8.96	-11.96	26.76
THRUST_COS		5768.47	-70.55	5.19	3.40	9.19	-110.53	1.87	-2.57	4.70	-4.72	-30.69	20.20	-2.67	0.99	-8.29	3.21
THRUST_SIN		0.00	-11.15	9.50	7.67	2.92	-51.05	4.75	15.08	-0.65	6.00	4.81	-4.71	0.81	4.01	4.96	11.42

RUN	POINT	Harmonics															
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.66	3.86	-13.68	3.20	5.12	262.29	6.01	-1.11	-5.63	-1.18	-5.26	3.01	-3.99	4.62	2.04	-2.05
SIDERH_SIN		0.00	195.14	12.77	1.99	-66.52	-372.95	15.80	5.70	-1.22	-2.95	-0.83	6.18	-0.53	0.32	-0.40	12.04
DRAGRH_COS		-213.74	228.58	9.27	-4.72	-14.31	116.99	-21.56	13.37	3.28	-6.12	1.84	9.34	-0.58	2.98	2.38	10.45
DRAGRH_SIN		0.00	-71.55	13.53	2.47	35.04	506.50	-4.59	-3.86	-9.69	14.39	-1.79	-4.10	-1.22	-1.19	0.80	0.09

RUN	POINT	Harmonics															
52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.82	0.00	0.00	0.01	0.00	-0.01	-0.02	0.00	0.11	0.01	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.02	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.61	2.13	1.59	-1.89	-9.98	-3.25	0.71	0.31	-0.12	-0.02	-0.27	0.09	2.63	0.11	-0.08	0.35
ACT1FORCE_SIN		0.00	10.96	1.38	2.53	11.79	-1.01	-0.29	0.20	0.15	0.22	0.02	0.17	1.30	-0.02	0.07	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.99	-17.76	-15.71	10.66	263.47	21.37	-8.48	0.08	0.55	0.10	-0.01	-0.02	-0.16	0.00	-0.11	0.00
FA1IBVOLTAGE_SIN		0.00	-64.43	-5.67	-17.35	138.08	1.28	5.99	-0.20	-0.09	-0.11	0.00	0.03	0.89	0.10	-0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.05	17.95	15.78	-10.57	-264.68	-21.79	8.37	-0.04	0.48	0.02	-0.01	0.01	0.10	-0.03	0.10	0.00
FA1OBVOLTAGE_SIN		0.00	64.58	5.79	17.70	-137.72	-1.43	-6.05	0.04	-0.34	0.02	0.09	-0.01	-0.84	-0.09	0.05	-0.04
MRBLD1CB42P75_COS		-4031.13	-1118.92	-98.13	226.18	-266.48	72.63	-16.16	89.76	66.45	6.79	-32.51	-6.57	-20.44	-12.81	-32.00	-7.52
MRBLD1CB42P75_SIN		0.00	-157.15	-36.36	-186.00	193.58	11.66	-76.58	46.23	47.03	32.47	-87.93	-25.41	-27.00	-20.78	-14.02	-27.58

RUN	POINT	Harmonics															
52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.80	-532.49	238.68	208.98	-377.98	68.08	-143.09	60.56	70.96	6.23	-16.43	-8.29	-8.52	-11.83	-20.18	-23.07
MRBLD1CB70_SIN		0.00	-100.90	-33.34	-151.04	241.59	13.25	73.80	26.03	46.56	37.10	-56.90	-12.02	-14.88	-3.80	-17.33	-22.89
MRBLD1CB120_COS		-569.32	-134.77	385.84	155.74	-325.29	63.31	-245.27	31.21	-28.41	-1.40	40.65	10.88	9.47	-0.39	5.53	6.21
MRBLD1CB120_SIN		0.00	44.08	-90.90	-180.50	305.17	-4.09	192.18	-25.88	-28.77	-41.77	55.95	13.99	9.43	11.63	-3.21	-7.23
MRBLD1CB164_COS		-1993.22	-55.76	127.95	20.01	-170.50	-4.30	-129.61	-7.91	-39.65	8.88	32.98	15.44	13.03	5.64	5.97	8.40
MRBLD1CB164_SIN		0.00	58.08	-48.07	-61.27	193.28	-18.82	104.24	-24.73	-43.93	-55.23	51.03	6.73	9.73	-2.23	16.43	23.96
MRBLD1FB42P75_COS		3113.35	17.85	-433.80	100.51	-4.00	101.10	-44.36	147.69	-44.18	-29.14	36.05	15.36	-28.02	-19.42	-49.22	-46.51
MRBLD1FB42P75_SIN		0.00	29.81	-114.96	-291.43	869.29	29.95	-13.59	-45.54	-3.04	-86.89	-67.18	-30.56	-6.84	-5.57	29.26	-41.09
MRBLD1FB70_COS		408.80	-96.94	-228.72	11.78	-47.48	25.81	-14.29	36.44	0.68	-2.94	-4.61	-2.62	3.21	3.22	12.09	10.27
MRBLD1FB70_SIN		0.00	-125.53	-38.75	-107.60	259.67	-2.37	-7.71	-6.05	3.07	1.74	1.13	2.22	0.24	0.26	-5.38	9.68
MRBLD1FB87_COS		-83.11	-57.07	-179.42	-11.90	-37.92	-13.23	-9.99	-12.50	7.41	7.22	2.28	1.30	7.76	4.05	9.45	8.54
MRBLD1FB87_SIN		0.00	-121.72	-3.60	-21.42	126.41	-3.15	-4.72	-2.51	-3.89	12.63	16.12	8.75	2.40	3.13	-4.56	8.01
MRBLD1FB120_COS		-461.77	-49.60	-243.79	-22.05	7.08	-49.61	14.01	-42.19	4.17	2.87	-1.87	-4.30	-8.07	-2.52	-15.69	-12.89
MRBLD1FB120_SIN		0.00	-178.75	19.65	45.26	19.04	1.61	10.09	12.32	2.45	1.14	-10.20	-6.70	-2.79	-4.82	5.75	-13.21
MRBLD1FB164_COS		-105.50	-22.56	-357.92	-7.15	80.01	32.23	14.91	54.05	-8.71	1.70	3.55	9.18	13.40	0.00	4.04	6.85
MRBLD1FB164_SIN		0.00	-224.77	22.55	50.48	-476.11	-9.58	-7.09	-28.65	-7.33	1.57	15.75	12.78	-0.83	-1.51	-0.48	10.61

RUN	POINT	Harmonics															
52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.81	-13.08	-211.80	1.73	48.60	38.92	-10.53	45.15	-4.60	11.27	9.12	6.09	14.86	-0.47	-16.83	-11.18
MRBLD1FB180_SIN		0.00	-161.39	19.75	27.85	-349.53	-26.01	0.78	-31.41	-26.69	7.40	20.18	1.95	-1.81	-0.86	7.62	-15.95
MRBLD1TOR51_COS		-1382.23	37.57	-25.32	-1.32	-49.18	88.45	42.60	45.93	3.52	0.55	-3.56	0.78	15.06	-0.58	-3.47	2.25
MRBLD1TOR51_SIN		0.00	-29.56	-4.64	-24.28	-235.18	68.94	-43.29	-7.59	2.17	1.33	-1.92	-2.24	3.79	0.75	0.14	-4.66
MRBLD1TOR71_COS		-236.96	42.25	-31.22	-13.57	-31.73	77.18	47.89	33.25	1.35	-1.44	-5.14	0.16	13.17	0.31	-3.33	2.75
MRBLD1TOR71_SIN		0.00	-31.35	-9.66	-16.46	-251.56	61.49	-33.23	-7.38	2.93	2.37	1.71	-1.10	4.08	2.59	-0.04	-3.45
MRBLD1TOR130_COS		-4.58	42.45	-11.07	-22.09	-25.22	63.96	39.68	25.18	-0.30	-0.45	0.11	0.85	0.28	-1.37	-3.73	-1.29
MRBLD1TOR130_SIN		0.00	-27.47	-2.82	0.05	-261.33	48.45	-18.40	-5.29	3.69	-1.01	1.69	-0.35	-3.68	-0.08	-1.41	0.87
MRBLD1TOR164_COS		-205.94	31.21	47.30	-19.06	-56.91	35.56	14.70	5.88	0.06	2.09	1.93	-0.09	-5.60	1.70	-3.44	-2.52
MRBLD1TOR164_SIN		0.00	-5.54	3.00	-1.32	-117.63	26.06	-5.34	-4.20	1.97	1.94	2.85	-0.05	-4.32	-0.32	-3.22	-1.46
MRFBM1CB26P5_COS		-4795.32	-469.14	-82.92	63.40	42.88	9.27	27.00	6.93	-3.15	0.63	-0.35	2.10	-1.04	0.28	-2.71	5.48
MRFBM1CB26P5_SIN		0.00	-107.70	0.74	-45.71	-26.88	-7.65	-41.97	3.98	-0.66	-5.03	-4.98	-1.39	-0.86	-2.09	-0.09	-2.79
MRFBM1FB9_COS		310.32	-105.78	193.18	-49.40	52.43	-5.68	10.97	-8.81	-0.58	-1.30	-2.98	-0.79	0.02	-0.15	0.82	-0.88
MRFBM1FB9_SIN		0.00	41.90	66.25	56.33	-93.54	-6.85	17.97	-4.77	-0.49	0.84	1.31	0.22	1.27	0.88	1.53	1.73
MRFBM1TOR26P5_COS		-365.15	94.91	-0.22	-0.14	-1.34	1.49	-0.34	0.54	-0.02	-0.07	-0.06	-0.03	0.16	0.07	0.19	-0.02
MRFBM1TOR26P5_SIN		0.00	-68.49	-0.48	0.36	-4.93	0.49	-1.15	0.06	0.02	0.22	-0.07	0.09	0.11	0.04	0.14	0.09

RUN	POINT	Harmonics															
52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1054.04	-1078.36	-176.52	204.99	-123.45	63.93	0.07	77.01	26.90	8.42	-12.49	2.12	-14.82	-9.51	-27.08	0.60
MRPC1CB33P25_SIN		0.00	-131.03	-14.23	-177.54	156.93	5.72	-91.20	27.81	20.22	1.32	-54.30	-16.69	-17.78	-15.89	-11.37	-29.08
MRPC1FB33P25_COS		2270.82	-21.54	-321.68	135.55	-208.95	69.10	-32.41	129.91	-24.65	25.33	65.89	32.47	-17.09	-9.92	-57.76	8.02
MRPC1FB33P25_SIN		0.00	133.72	-157.37	-210.96	728.74	42.41	-15.66	19.90	-21.68	-75.61	-31.00	-11.09	-25.51	-18.03	-27.61	-65.05
MRPC1TOR25P5_COS		-802.93	-36.65	23.18	7.16	17.95	-97.50	-50.35	-50.44	-0.59	-0.71	2.61	-1.46	-22.89	-2.19	-8.95	-1.66
MRPC1TOR25P5_SIN		0.00	88.09	-49.17	27.36	293.24	-79.91	47.02	6.46	-3.07	-2.19	-3.10	-1.03	-11.17	-3.19	-8.99	-5.47
MRPLK1LOAD_COS		-91.61	11.28	3.00	2.06	3.52	-14.31	-5.67	-7.14	-0.30	0.35	0.38	-0.49	-3.40	-0.40	-1.69	-0.13
MRPLK1LOAD_SIN		0.00	-14.72	-2.28	3.11	36.23	-9.45	6.13	1.17	-0.32	-0.45	0.21	-0.34	-1.76	-0.45	-1.91	-1.02
PITCHRH_COS		11286.69	-8727.67	-392.62	5.02	-97.58	2083.77	-136.81	45.20	72.25	73.52	445.94	-52.49	-8.66	-74.24	-50.48	-233.32
PITCHRH_SIN		0.00	3221.67	-464.94	43.51	-72.57	1930.11	-128.01	135.87	69.32	-236.79	-335.93	48.22	27.38	50.10	5.12	-17.47
ROLLRH_COS		-201.33	-2786.70	485.15	-41.27	-411.46	-5141.88	-47.88	-38.90	163.75	56.30	154.91	-137.64	147.78	-198.85	-68.28	-186.59
ROLLRH_SIN		0.00	-8534.19	-610.10	-57.39	75.26	1383.81	-189.18	-50.57	-61.25	37.47	-102.55	-84.29	-0.61	56.43	-80.43	-384.96
TORQ_COS		30457.90	499.20	-0.80	9.42	38.46	-21.04	-11.60	-15.67	-12.83	1.09	33.19	-1.30	5.79	-3.99	-11.48	-31.52
TORQ_SIN		0.00	536.16	-24.12	19.21	48.60	-25.41	15.43	-3.72	-19.33	-3.02	23.00	6.86	-10.92	7.72	-12.68	28.95
THRUST_COS		5784.46	-71.32	6.84	4.02	7.23	-111.97	2.98	-2.17	3.57	-6.19	-16.26	16.92	-0.22	0.61	-7.62	21.51
THRUST_SIN		0.00	-12.19	9.85	6.81	0.74	-64.35	4.96	10.81	-0.13	6.08	-0.97	-6.43	-1.07	5.76	4.39	26.15

RUN	POINT	Harmonics															
52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.08	9.26	-13.99	2.02	3.89	280.42	6.78	-0.62	-7.74	-1.32	-3.33	4.30	-4.41	6.13	2.02	4.92
SIDERH_SIN		0.00	194.76	13.02	1.97	-55.88	-402.55	15.50	6.72	1.26	-3.26	-0.65	5.29	-0.10	-1.30	1.93	11.97
DRAGRH_COS		-206.65	228.06	11.08	-5.49	-12.24	142.02	-21.76	14.83	3.13	-3.90	4.07	5.75	-0.30	4.43	2.36	11.09
DRAGRH_SIN		0.00	-72.46	13.20	2.64	35.30	580.66	-0.24	-8.05	-9.20	15.26	-5.02	-3.64	-1.21	-0.87	-0.97	0.47

RUN	POINT	Harmonics															
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.03	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.13	2.09	1.31	-2.01	-10.24	-3.21	0.63	0.09	0.07	0.06	-0.14	0.12	2.59	0.01	-0.20	0.24
ACT1FORCE_SIN		0.00	10.77	1.30	2.68	11.31	-1.05	-0.26	0.11	0.19	0.21	-0.03	0.05	1.44	0.07	0.20	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.55	-17.51	-13.98	10.84	263.35	21.53	-7.64	0.11	0.53	0.14	-0.04	-0.02	-0.10	-0.02	-0.13	0.00
FA1IBVOLTAGE_SIN		0.00	-63.57	-5.70	-17.82	141.48	1.86	5.76	-0.18	-0.13	-0.06	-0.04	0.06	0.88	0.07	-0.03	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.49	17.74	14.06	-10.73	-264.77	-21.95	7.51	-0.06	0.53	-0.01	0.01	0.00	0.05	-0.01	0.14	0.00
FA1OBVOLTAGE_SIN		0.00	63.71	5.81	18.18	-140.70	-1.96	-5.85	0.01	-0.29	-0.01	0.14	-0.06	-0.82	-0.06	0.04	-0.03
MRBLD1CB42P75_COS		-4087.00	-1325.00	-78.20	235.78	-244.35	76.49	-12.07	95.63	52.88	18.99	-9.51	-12.31	-20.75	-6.92	-18.91	-3.04
MRBLD1CB42P75_SIN		0.00	-225.51	-32.94	-178.71	164.68	27.25	-71.62	79.18	45.89	25.52	-64.94	-30.45	-24.90	-19.12	-11.67	-19.13

RUN	POINT	Harmonics															
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2748.02	-653.63	255.93	222.52	-332.94	67.81	-136.89	66.93	57.93	18.02	8.83	-12.20	-9.33	-7.65	-11.09	-14.63
MRBLD1CB70_SIN		0.00	-158.83	-32.72	-151.35	204.45	50.51	66.36	52.21	47.34	30.49	-45.77	-14.43	-12.28	-4.53	-11.52	-12.76
MRBLD1CB120_COS		-555.49	-172.75	395.93	171.67	-286.00	61.93	-235.52	38.43	-32.99	-11.80	26.62	12.21	9.94	-2.85	4.52	6.35
MRBLD1CB120_SIN		0.00	0.99	-94.56	-187.29	256.69	32.70	171.84	-8.25	-21.20	-33.03	43.92	15.14	7.67	10.07	-2.45	-4.06
MRBLD1CB164_COS		-1989.21	-65.39	127.55	26.84	-156.44	-4.45	-123.64	-5.86	-37.06	-5.56	11.41	17.44	14.16	3.66	1.16	2.75
MRBLD1CB164_SIN		0.00	45.84	-47.47	-59.74	172.23	-0.53	92.33	-26.35	-39.11	-46.10	40.99	8.25	9.58	-0.22	11.80	14.71
MRBLD1FB42P75_COS		3143.92	68.95	-427.10	122.80	-63.58	99.37	-34.92	204.62	-53.46	-35.98	35.33	4.60	-28.15	-10.08	-32.06	-24.52
MRBLD1FB42P75_SIN		0.00	35.31	-112.62	-265.59	792.32	3.16	-15.01	9.26	16.92	-62.51	-39.44	-31.09	-9.95	-10.04	9.56	-36.22
MRBLD1FB70_COS		409.06	-97.21	-225.82	18.63	-62.47	26.05	-12.51	45.24	-0.94	-2.39	-3.01	-2.81	2.61	1.71	7.54	5.42
MRBLD1FB70_SIN		0.00	-127.26	-40.09	-100.10	233.54	-8.10	-8.54	4.16	5.54	1.77	0.92	2.35	0.51	0.83	-1.39	8.51
MRBLD1FB87_COS		-87.07	-56.60	-176.39	-7.86	-44.38	-13.23	-9.65	-17.39	9.48	8.63	1.21	4.24	7.86	1.78	5.60	4.03
MRBLD1FB87_SIN		0.00	-119.73	-4.45	-16.18	116.20	-3.21	-4.45	-7.27	-6.54	8.71	9.91	8.90	3.18	4.43	-0.15	6.88
MRBLD1FB120_COS		-472.45	-52.56	-238.55	-17.62	8.83	-48.25	12.04	-55.83	6.06	1.94	-1.87	-4.32	-6.22	1.31	-9.50	-6.59
MRBLD1FB120_SIN		0.00	-167.91	23.12	55.08	24.70	3.72	9.46	-1.00	-0.36	1.10	-7.90	-6.91	-3.98	-6.90	-1.04	-11.09
MRBLD1FB164_COS		-103.69	-21.61	-342.03	2.99	97.00	28.57	15.67	72.14	-10.18	1.83	3.68	10.04	13.78	-0.30	1.23	3.44
MRBLD1FB164_SIN		0.00	-209.68	21.45	51.83	-445.22	-8.47	-7.77	-9.13	-1.22	2.82	12.37	13.92	0.84	0.00	1.94	8.78

RUN	POINT	Harmonics															
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.02	-13.31	-203.22	5.01	58.57	36.24	-10.26	59.82	-6.62	10.73	8.04	14.97	19.94	3.50	-7.26	-1.23
MRBLD1FB180_SIN		0.00	-152.97	17.22	25.25	-329.26	-26.80	-1.08	-12.89	-22.09	5.49	11.52	3.44	-2.11	-0.92	0.99	-12.70
MRBLD1TOR51_COS		-1377.68	36.03	-21.75	2.90	-48.62	84.72	37.79	54.55	2.39	1.26	-0.82	2.42	16.19	-1.02	-2.48	1.32
MRBLD1TOR51_SIN		0.00	-28.14	-3.01	-21.14	-239.80	66.63	-33.07	9.48	4.30	0.20	-4.07	-1.30	5.65	2.64	0.92	-1.91
MRBLD1TOR71_COS		-234.29	42.50	-28.94	-10.97	-30.76	73.53	42.46	40.00	0.99	-0.49	-3.36	2.22	14.32	-0.17	-1.96	2.22
MRBLD1TOR71_SIN		0.00	-29.40	-8.42	-14.34	-252.39	59.34	-24.25	5.12	4.47	1.17	-1.40	0.20	5.67	3.80	1.52	-0.94
MRBLD1TOR130_COS		-2.45	41.45	-9.75	-20.98	-23.25	60.07	34.26	31.01	-1.52	-0.39	-0.70	0.83	0.36	-1.18	-2.29	-0.22
MRBLD1TOR130_SIN		0.00	-25.66	-1.73	0.39	-257.92	47.79	-11.35	6.54	5.95	-0.26	2.07	-0.09	-3.09	-0.43	-0.51	0.62
MRBLD1TOR164_COS		-205.65	30.68	45.74	-19.65	-56.37	34.19	11.31	8.26	0.05	2.43	1.52	0.56	-5.44	2.26	-0.70	-0.69
MRBLD1TOR164_SIN		0.00	-6.32	2.85	-2.78	-121.44	25.17	-2.45	-0.14	1.96	1.67	2.06	0.26	-4.79	-0.90	-2.40	-1.15
MRFBM1CB26P5_COS		-4830.76	-564.38	-75.53	64.75	38.94	10.89	27.39	7.20	-3.97	-0.23	-2.82	1.69	-0.77	0.60	-1.31	4.73
MRFBM1CB26P5_SIN		0.00	-140.74	3.29	-43.78	-24.52	-10.80	-38.81	6.04	-1.32	-4.50	-2.27	-2.16	-1.19	-1.38	-0.45	-2.35
MRFBM1FB9_COS		353.56	-49.09	183.62	-53.60	53.95	-6.29	8.91	-8.70	0.24	-1.10	-2.77	-0.66	-0.03	-0.46	0.29	-0.85
MRFBM1FB9_SIN		0.00	24.49	63.75	48.19	-82.56	-5.45	16.69	-8.99	-0.76	0.71	0.44	0.59	1.24	0.53	1.12	0.97
MRFBM1TOR26P5_COS		-364.98	95.84	-0.10	-0.12	-1.18	1.38	-0.28	0.53	0.00	-0.06	0.02	-0.05	0.13	0.04	0.09	-0.07
MRFBM1TOR26P5_SIN		0.00	-67.73	-0.47	0.40	-4.82	0.55	-0.93	0.14	0.01	0.21	-0.09	0.08	0.12	0.07	0.08	0.07

RUN	POINT	Harmonics															
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1103.63	-1268.44	-158.39	211.42	-120.99	69.07	3.93	84.29	16.68	11.75	-3.62	-2.42	-13.97	-4.25	-15.08	4.09
MRPC1CB33P25_SIN		0.00	-182.95	-11.56	-169.46	134.71	5.97	-85.36	56.50	20.27	-0.63	-36.88	-21.36	-17.32	-14.12	-10.53	-20.07
MRPC1FB33P25_COS		2298.38	25.44	-316.68	149.81	-239.70	75.20	-25.11	152.73	-41.29	8.29	50.29	25.23	-14.48	-0.37	-28.41	16.76
MRPC1FB33P25_SIN		0.00	140.43	-154.10	-186.02	651.05	22.58	-14.89	85.37	-10.59	-61.55	-10.92	-17.81	-26.82	-14.55	-23.94	-41.94
MRPC1TOR25P5_COS		-808.32	-29.47	17.20	3.03	18.61	-93.68	-45.98	-58.98	-1.38	-1.97	-0.56	-3.67	-23.46	-1.08	-3.91	1.15
MRPC1TOR25P5_SIN		0.00	89.67	-47.27	26.10	294.76	-74.62	35.64	-8.07	-4.15	-1.01	1.61	-1.36	-12.32	-5.60	-6.40	-3.90
MRPLK1LOAD_COS		-92.52	11.27	2.61	1.42	3.68	-13.68	-5.17	-8.42	-0.23	0.25	-0.23	-0.59	-3.37	-0.17	-0.80	0.42
MRPLK1LOAD_SIN		0.00	-15.21	-2.37	2.79	36.57	-9.08	4.54	-1.03	-0.52	-0.36	0.65	-0.36	-1.93	-0.83	-1.21	-0.72
PITCHRH_COS		10216.75	-8730.44	-373.50	-7.10	-124.27	1826.65	-41.76	-32.03	59.36	116.67	338.04	-103.55	23.53	-21.64	-32.16	-93.68
PITCHRH_SIN		0.00	3218.49	-484.96	37.45	-95.29	1816.43	-123.52	115.77	137.31	-201.97	-298.55	54.48	17.87	29.59	-11.54	17.34
ROLLRH_COS		15.62	-2778.71	491.90	-47.82	-491.66	-4727.53	-64.81	-43.61	129.35	40.64	140.30	-120.33	152.20	-176.18	-69.81	-68.56
ROLLRH_SIN		0.00	-8506.25	-615.08	-63.27	117.11	1118.32	-240.16	-55.24	-2.96	48.89	-94.65	-99.20	28.57	-32.10	-40.99	-185.57
TORQ_COS		29765.06	491.98	0.62	8.69	13.53	-25.34	-9.10	-10.74	-9.64	-0.17	35.98	0.23	5.57	-3.27	-7.43	-22.31
TORQ_SIN		0.00	540.04	-15.94	23.67	63.04	-36.64	18.38	-1.79	-12.86	-3.50	10.06	11.67	-10.83	9.12	-9.85	25.89
THRUST_COS		5908.95	-71.44	5.95	3.90	9.26	-108.94	2.50	-3.13	5.09	-4.82	-14.77	19.39	-2.46	0.25	-6.97	14.04
THRUST_SIN		0.00	-12.90	9.88	8.76	0.80	-55.39	5.70	11.85	0.49	5.84	-6.16	-3.07	-0.49	4.43	2.89	13.31

RUN	POINT	Harmonics															
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.25	7.47	-14.00	1.58	11.80	272.86	5.01	-1.11	-6.24	-1.03	-4.03	2.87	-4.63	5.30	2.10	1.48
SIDERH_SIN		0.00	190.43	12.88	1.63	-74.72	-356.98	15.78	5.35	-0.85	-3.63	-0.37	5.63	-0.57	1.65	0.77	6.21
DRAGRH_COS		-209.85	227.89	9.87	-4.89	-16.78	115.05	-25.48	12.45	3.97	-7.63	7.11	7.25	-0.39	1.77	1.29	5.07
DRAGRH_SIN		0.00	-71.77	14.08	2.11	36.90	532.25	-1.58	-3.82	-11.24	11.47	-0.66	-1.72	-0.66	-0.42	-0.41	-0.87

RUN	POINT	Harmonics															
52	121	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.03	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.73	2.12	1.16	-1.87	-10.10	-3.24	0.69	0.19	-0.05	-0.02	-0.11	0.09	2.57	0.06	-0.15	0.30
ACT1FORCE_SIN		0.00	10.99	1.40	2.68	11.60	-1.08	-0.39	0.15	0.22	0.20	-0.03	0.13	1.38	0.04	0.19	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.98	-17.67	-12.99	9.99	262.83	21.49	-8.10	0.11	0.57	0.10	0.02	0.05	-0.13	0.03	-0.10	0.06
FA1IBVOLTAGE_SIN		0.00	-64.75	-6.18	-17.97	139.14	2.08	6.69	-0.14	-0.11	-0.15	0.04	0.02	0.84	0.08	-0.07	0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		456.07	17.86	13.06	-9.89	-264.04	-21.93	7.98	-0.07	0.47	0.05	-0.02	-0.06	0.07	-0.06	0.11	-0.05
FA1OBVOLTAGE_SIN		0.00	64.92	6.30	18.31	-138.77	-2.25	-6.77	-0.02	-0.31	0.06	0.08	0.01	-0.79	-0.07	0.06	-0.06
MRBLD1CB42P75_COS		-4040.84	-1148.09	-71.52	244.83	-256.44	68.50	-15.78	92.28	63.57	14.27	-23.06	-5.83	-18.25	-7.24	-21.54	-0.72
MRBLD1CB42P75_SIN		0.00	-194.93	-33.36	-181.74	185.69	19.35	-68.94	69.07	47.96	25.12	-79.95	-21.19	-24.39	-20.10	-16.85	-21.31

RUN	POINT	Harmonics															
52	121	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.16	-552.07	251.98	227.49	-352.77	57.09	-144.22	64.24	68.04	13.96	-10.44	-7.84	-7.53	-7.18	-12.77	-13.78
MRBLD1CB70_SIN		0.00	-133.54	-32.06	-147.68	225.37	25.88	82.91	47.04	48.20	31.47	-55.63	-9.74	-11.82	-3.80	-15.83	-15.74
MRBLD1CB120_COS		-557.90	-143.25	388.16	172.58	-303.59	49.38	-246.55	36.66	-30.53	-7.17	37.06	9.65	9.14	-1.14	5.72	7.26
MRBLD1CB120_SIN		0.00	19.34	-90.78	-179.39	284.89	4.62	196.96	-10.34	-26.51	-35.25	50.82	12.30	9.36	11.84	-1.91	-4.80
MRBLD1CB164_COS		-1988.68	-58.48	125.67	28.44	-162.68	-8.92	-128.10	-5.35	-39.38	0.11	29.83	15.63	13.69	4.13	1.78	2.20
MRBLD1CB164_SIN		0.00	50.68	-47.24	-59.41	184.89	-14.61	103.42	-24.54	-42.96	-48.32	49.62	5.77	8.85	-2.59	13.76	16.71
MRBLD1FB42P75_COS		3114.62	26.21	-414.91	142.05	-38.00	92.50	-44.73	176.39	-50.96	-36.35	48.06	13.60	-24.65	-11.63	-41.64	-25.55
MRBLD1FB42P75_SIN		0.00	37.68	-112.79	-292.00	857.69	17.54	-11.47	-8.14	5.49	-73.31	-63.19	-25.74	-7.93	-9.88	8.37	-41.83
MRBLD1FB70_COS		407.32	-95.33	-220.73	26.75	-55.60	23.44	-14.30	41.33	0.31	-2.72	-3.94	-2.74	2.20	1.57	9.66	5.44
MRBLD1FB70_SIN		0.00	-125.29	-38.51	-107.85	254.51	-5.06	-6.96	0.66	3.45	1.24	1.10	2.44	0.59	0.79	-1.46	9.55
MRBLD1FB87_COS		-85.37	-56.00	-174.66	-3.47	-41.47	-13.85	-9.63	-15.17	8.38	8.30	-0.72	2.05	7.41	2.13	7.75	4.64
MRBLD1FB87_SIN		0.00	-119.88	-3.16	-20.67	124.70	-3.08	-4.83	-5.72	-5.37	10.10	14.64	7.26	2.60	4.26	-0.05	7.99
MRBLD1FB120_COS		-466.26	-48.84	-237.73	-13.81	8.31	-47.47	13.83	-49.75	4.54	2.58	-1.31	-4.86	-6.91	0.51	-12.57	-7.03
MRBLD1FB120_SIN		0.00	-173.20	21.46	48.09	19.72	1.04	7.57	3.15	2.32	2.15	-9.15	-6.24	-3.15	-6.17	-0.67	-12.34
MRBLD1FB164_COS		-109.35	-19.69	-341.30	2.01	91.35	32.98	12.84	61.87	-9.30	2.10	2.78	9.87	13.61	-1.15	2.26	4.20
MRBLD1FB164_SIN		0.00	-217.78	22.06	50.35	-470.83	-11.56	-7.98	-16.12	-4.83	1.63	14.55	11.86	-0.82	-1.02	2.68	10.60

RUN	POINT	Harmonics															
52	121	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.80	-12.77	-202.43	3.46	56.22	38.39	-12.82	51.52	-5.00	12.97	4.80	6.88	15.44	1.70	-12.32	-2.99
MRBLD1FB180_SIN		0.00	-157.87	19.02	28.21	-345.13	-28.69	0.86	-18.13	-25.66	4.09	17.30	-1.69	-1.93	0.26	1.17	-15.25
MRBLD1TOR51_COS		-1380.67	37.32	-21.20	3.00	-48.71	86.43	39.78	49.69	3.46	0.66	-2.82	1.64	15.25	-1.13	-2.94	2.62
MRBLD1TOR51_SIN		0.00	-29.80	-3.48	-23.43	-236.88	68.31	-36.19	3.72	2.83	-0.44	-4.21	-2.59	4.78	2.04	-0.13	-3.30
MRBLD1TOR71_COS		-235.92	42.48	-28.40	-11.20	-30.61	75.70	45.14	36.38	1.79	-1.05	-4.86	1.11	13.52	-0.21	-2.50	2.90
MRBLD1TOR71_SIN		0.00	-31.00	-8.74	-15.88	-252.24	61.02	-27.20	0.83	3.50	0.77	-0.84	-1.31	4.97	3.48	0.63	-2.11
MRBLD1TOR130_COS		-3.71	42.31	-9.28	-21.82	-23.22	62.55	37.04	27.92	-0.31	-0.73	0.64	0.61	0.93	-1.01	-2.60	-0.87
MRBLD1TOR130_SIN		0.00	-27.20	-2.26	-0.13	-260.75	48.81	-13.63	2.06	4.58	-1.50	1.46	0.53	-2.91	-0.45	-0.84	0.74
MRBLD1TOR164_COS		-204.86	30.94	45.47	-20.50	-56.63	34.48	13.23	7.21	0.43	2.25	1.52	-0.16	-5.05	2.34	-1.35	-1.83
MRBLD1TOR164_SIN		0.00	-6.62	2.76	-2.03	-118.86	25.96	-2.90	-1.53	1.74	1.25	2.29	0.26	-4.17	-0.53	-3.13	-1.06
MRFBM1CB26P5_COS		-4799.39	-480.32	-71.19	64.71	39.79	10.93	27.80	6.88	-3.92	-0.05	0.42	2.01	-0.77	0.56	-1.44	5.12
MRFBM1CB26P5_SIN		0.00	-122.44	2.49	-45.85	-23.85	-7.66	-42.07	4.65	-0.85	-4.72	-3.00	-1.29	-0.94	-1.75	-0.67	-2.19
MRFBM1FB9_COS		313.99	-98.03	177.48	-59.91	54.25	-5.15	10.46	-8.45	-0.32	-1.14	-3.09	-0.61	-0.01	-0.40	0.27	-0.95
MRFBM1FB9_SIN		0.00	41.56	62.06	52.91	-90.96	-5.41	17.17	-7.32	-0.60	0.87	0.89	0.19	1.11	0.58	1.39	1.06
MRFBM1TOR26P5_COS		-365.13	95.19	-0.17	-0.13	-1.23	1.45	-0.30	0.55	-0.01	-0.05	-0.06	-0.02	0.13	0.05	0.12	-0.04
MRFBM1TOR26P5_SIN		0.00	-68.09	-0.44	0.36	-4.94	0.52	-1.02	0.14	0.01	0.24	-0.07	0.07	0.09	0.05	0.10	0.07

RUN	POINT	Harmonics															
52	121	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1062.09	-1106.45	-149.70	219.14	-125.39	64.01	1.60	79.96	23.72	9.77	-5.05	1.76	-12.64	-4.80	-17.70	6.29
MRPC1CB33P25_SIN		0.00	-163.29	-12.33	-174.86	154.14	7.67	-87.34	46.26	20.62	-2.14	-47.36	-13.93	-16.38	-14.59	-14.53	-21.84
MRPC1FB33P25_COS		2271.09	-14.02	-307.46	170.30	-234.36	65.43	-33.84	137.44	-34.28	12.93	72.09	28.25	-13.64	-1.68	-34.16	21.01
MRPC1FB33P25_SIN		0.00	140.81	-153.79	-204.72	710.82	31.12	-14.53	60.55	-18.10	-69.55	-21.17	-7.92	-23.00	-14.83	-33.09	-45.54
MRPC1TOR25P5_COS		-805.09	-35.65	17.76	3.94	17.53	-95.90	-47.86	-54.52	-1.50	-1.43	2.36	-2.76	-22.15	-0.70	-4.67	-0.37
MRPC1TOR25P5_SIN		0.00	89.89	-49.81	26.92	293.87	-78.25	39.63	-3.91	-3.12	-0.72	0.12	0.71	-11.34	-4.58	-7.42	-3.60
MRPLK1LOAD_COS		-91.89	11.35	2.47	1.53	3.50	-14.04	-5.39	-7.77	-0.30	0.22	0.36	-0.67	-3.14	-0.16	-0.98	0.06
MRPLK1LOAD_SIN		0.00	-14.73	-2.30	3.14	36.38	-9.34	5.06	-0.39	-0.34	-0.35	0.51	-0.04	-1.71	-0.64	-1.38	-0.72
PITCHRH_COS		11126.50	-8722.59	-397.21	-8.12	-123.02	1908.89	-90.67	-35.12	69.79	83.14	383.32	-113.72	2.52	-49.58	-37.90	-131.99
PITCHRH_SIN		0.00	3236.44	-469.50	47.39	-90.37	1991.04	-82.98	95.58	101.13	-203.14	-283.81	44.38	6.64	30.44	5.50	1.63
ROLLRH_COS		-266.00	-2797.11	483.68	-47.12	-477.46	-5010.85	-63.22	-34.78	148.77	26.75	166.56	-133.93	148.95	-196.63	-58.80	-39.36
ROLLRH_SIN		0.00	-8516.65	-611.83	-51.76	71.32	1277.14	-183.88	-57.05	-46.26	31.45	-95.49	-100.21	15.17	5.19	-51.95	-268.45
TORQ_COS		30342.69	496.84	0.40	9.58	24.29	-22.22	-8.71	-14.20	-11.10	-0.05	26.30	-0.76	4.52	-4.05	-9.07	-25.15
TORQ_SIN		0.00	553.16	-14.60	23.60	53.23	-38.76	16.45	1.07	-16.77	-2.58	14.46	10.23	-7.97	7.70	-11.65	28.42
THRUST_COS		5795.32	-70.89	6.20	3.72	9.37	-108.82	2.14	-3.18	3.78	-4.16	-23.75	20.37	-1.75	0.53	-8.11	11.10
THRUST_SIN		0.00	-13.23	9.08	5.52	1.34	-61.53	6.33	13.65	-0.09	5.45	-4.86	-1.82	-0.57	4.26	5.11	15.94

RUN	POINT	Harmonics															
52	121	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.73	9.31	-14.20	2.02	12.68	280.13	5.89	-0.93	-7.32	0.09	-4.38	3.70	-4.38	6.04	1.79	0.77
SIDERH_SIN		0.00	190.81	13.34	2.38	-61.52	-386.89	17.83	4.83	0.30	-3.27	-0.69	5.71	-0.46	0.14	0.93	8.52
DRAGRH_COS		-205.27	228.40	11.17	-4.80	-13.93	132.72	-20.95	11.38	3.70	-4.57	6.20	8.14	-0.28	3.24	1.67	6.73
DRAGRH_SIN		0.00	-72.25	13.19	2.49	36.10	552.49	-4.22	-5.16	-10.49	12.39	-5.05	-2.80	-1.18	0.33	-0.74	-0.43

RUN	POINT	Harmonics															
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.11	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.03	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.93	2.13	1.51	-1.93	-10.19	-3.24	0.71	0.23	-0.07	-0.10	-0.21	0.04	2.61	0.10	-0.11	0.36
ACT1FORCE_SIN		0.00	10.92	1.35	2.55	11.59	-1.00	-0.28	0.27	0.16	0.16	-0.03	0.17	1.39	0.05	0.11	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.83	-17.79	-14.87	10.76	262.85	21.23	-8.49	0.10	0.54	0.10	-0.03	-0.01	-0.16	-0.01	-0.12	0.04
FA1IBVOLTAGE_SIN		0.00	-64.30	-5.53	-17.41	140.36	1.44	6.16	-0.14	-0.08	-0.10	0.04	0.04	0.89	0.05	-0.02	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.21	18.00	14.94	-10.65	-264.29	-21.65	8.37	-0.05	0.52	0.03	0.01	0.01	0.10	0.00	0.13	-0.03
FA1OBVOLTAGE_SIN		0.00	64.45	5.63	17.77	-139.57	-1.55	-6.25	-0.02	-0.33	0.01	0.07	-0.04	-0.83	-0.05	0.03	-0.04
MRBLD1CB42P75_COS		-4039.73	-1228.16	-95.33	225.14	-260.92	76.53	-13.63	92.66	63.92	8.80	-9.22	-6.11	-18.61	-8.88	-22.90	-5.78
MRBLD1CB42P75_SIN		0.00	-220.50	-35.16	-184.56	175.35	21.81	-75.21	44.21	44.04	26.08	-76.04	-23.89	-24.75	-22.09	-16.28	-24.97

RUN	POINT	Harmonics															
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2765.54	-599.62	243.06	208.91	-370.78	69.66	-140.93	63.46	67.51	9.71	-0.80	-7.11	-6.93	-8.47	-12.17	-19.34
MRBLD1CB70_SIN		0.00	-144.31	-33.01	-154.58	216.29	36.17	74.27	26.81	43.67	31.97	-49.29	-11.34	-11.91	-5.65	-17.15	-18.24
MRBLD1CB120_COS		-563.47	-159.39	390.47	157.57	-321.34	62.26	-245.76	34.35	-28.89	-0.04	29.60	10.93	8.79	-2.14	5.02	6.29
MRBLD1CB120_SIN		0.00	21.73	-92.04	-184.50	278.09	20.55	191.22	-17.16	-27.94	-35.46	50.14	13.58	8.13	11.25	-1.99	-5.04
MRBLD1CB164_COS		-1990.96	-61.46	128.24	20.92	-168.81	-4.93	-129.94	-7.36	-37.55	8.13	22.87	15.47	12.74	4.35	1.26	6.09
MRBLD1CB164_SIN		0.00	52.38	-47.70	-61.49	181.45	-8.48	102.31	-19.54	-42.48	-48.86	44.10	5.96	7.83	-1.34	14.88	18.95
MRBLD1FB42P75_COS		3118.22	46.90	-435.57	100.09	-26.61	98.92	-44.35	161.58	-44.19	-24.82	54.06	17.33	-25.80	-15.66	-40.38	-36.98
MRBLD1FB42P75_SIN		0.00	38.61	-113.38	-277.40	844.46	23.88	-14.52	-42.04	-6.35	-84.27	-72.01	-30.71	-10.65	-10.93	12.45	-39.68
MRBLD1FB70_COS		407.81	-96.83	-229.01	11.40	-52.95	25.97	-14.19	38.23	0.50	-2.88	-4.14	-3.26	2.30	2.22	9.70	7.67
MRBLD1FB70_SIN		0.00	-127.81	-39.17	-104.05	250.37	-2.80	-7.68	-5.20	2.83	1.61	1.18	2.70	0.90	1.06	-1.77	9.53
MRBLD1FB87_COS		-85.03	-56.94	-179.83	-12.55	-40.40	-13.57	-10.01	-14.11	7.47	6.40	-2.63	0.97	7.33	3.23	7.71	7.27
MRBLD1FB87_SIN		0.00	-122.23	-3.68	-19.38	122.76	-2.86	-4.90	-2.94	-3.68	11.85	16.69	8.56	3.10	4.36	-1.21	7.22
MRBLD1FB120_COS		-464.78	-50.23	-244.22	-22.66	6.96	-49.72	13.88	-45.45	4.08	2.36	-0.17	-3.10	-6.80	-0.95	-12.74	-10.88
MRBLD1FB120_SIN		0.00	-176.03	21.24	47.77	20.25	0.11	8.68	11.09	2.64	1.52	-9.98	-7.10	-4.13	-6.33	0.97	-11.63
MRBLD1FB164_COS		-105.86	-22.45	-356.38	-8.71	81.13	29.24	13.46	59.80	-7.49	1.33	0.63	7.99	13.51	0.59	2.54	5.26
MRBLD1FB164_SIN		0.00	-219.75	21.68	49.77	-466.00	-10.41	-5.50	-27.16	-7.76	1.52	15.73	12.99	0.06	-1.30	0.32	8.67

RUN	POINT	Harmonics															
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.84	-13.70	-211.21	-0.31	49.38	37.61	-11.84	48.63	-4.16	10.34	1.21	8.41	17.88	2.36	-12.32	-7.93
MRBLD1FB180_SIN		0.00	-158.50	18.38	26.00	-342.94	-26.38	1.23	-30.60	-27.65	5.70	21.16	1.14	-1.85	-1.34	2.61	-13.54
MRBLD1TOR51_COS		-1380.21	36.10	-24.95	-1.20	-48.23	87.38	43.10	47.62	3.34	0.56	-3.35	1.36	15.38	-0.34	-2.89	1.87
MRBLD1TOR51_SIN		0.00	-29.43	-3.94	-22.75	-237.40	67.05	-39.28	-3.47	1.70	0.01	-3.27	-1.89	4.83	1.68	0.25	-4.19
MRBLD1TOR71_COS		-235.87	41.89	-31.00	-13.42	-30.23	76.20	48.16	34.36	1.18	-1.47	-5.90	0.74	13.60	0.29	-2.50	2.47
MRBLD1TOR71_SIN		0.00	-30.64	-9.14	-15.23	-252.03	59.54	-29.41	-3.73	2.82	1.37	-0.03	-0.67	5.00	3.45	0.35	-2.66
MRBLD1TOR130_COS		-3.50	41.56	-10.96	-21.94	-23.39	62.81	39.39	26.53	-0.34	-0.11	1.03	0.88	0.71	-1.58	-2.78	-0.87
MRBLD1TOR130_SIN		0.00	-26.65	-2.50	0.54	-260.15	47.30	-15.23	-1.98	4.03	-0.94	1.66	0.08	-3.39	-0.31	-1.58	1.25
MRBLD1TOR164_COS		-205.53	30.47	47.17	-18.79	-55.31	35.15	14.37	6.13	-0.10	2.30	1.50	0.40	-5.00	1.73	-1.73	-2.13
MRBLD1TOR164_SIN		0.00	-5.66	3.01	-1.44	-118.57	25.79	-4.06	-3.37	1.68	1.74	2.42	-0.15	-4.66	-0.56	-3.38	-1.00
MRFBM1CB26P5_COS		-4799.73	-519.07	-82.46	63.97	43.44	10.58	27.35	7.15	-3.17	0.47	1.08	2.03	-0.79	0.51	-2.00	5.21
MRFBM1CB26P5_SIN		0.00	-138.29	1.43	-44.14	-25.90	-10.00	-41.68	2.99	-0.58	-4.93	-4.19	-1.45	-1.31	-1.78	-0.32	-2.78
MRFBM1FB9_COS		322.70	-70.06	192.20	-48.24	53.37	-5.44	10.27	-9.09	-0.79	-1.51	-3.54	-0.83	-0.10	-0.42	0.34	-0.75
MRFBM1FB9_SIN		0.00	40.04	64.81	53.30	-89.15	-6.70	17.83	-5.28	-0.34	0.87	0.57	0.18	1.17	0.82	1.31	1.51
MRFBM1TOR26P5_COS		-365.11	95.47	-0.12	-0.13	-1.28	1.48	-0.28	0.53	-0.01	-0.08	-0.07	-0.04	0.13	0.07	0.13	-0.03
MRFBM1TOR26P5_SIN		0.00	-67.96	-0.44	0.38	-4.93	0.53	-1.09	0.12	0.01	0.23	-0.06	0.08	0.11	0.05	0.14	0.07

RUN	POINT	Harmonics															
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1056.79	-1178.29	-174.06	203.72	-121.48	67.44	1.44	79.51	25.95	9.46	4.06	2.65	-13.05	-6.00	-18.88	2.01
MRPC1CB33P25_SIN		0.00	-183.78	-12.90	-173.87	145.62	6.58	-90.64	26.71	17.92	-1.47	-47.03	-15.67	-17.03	-16.56	-13.30	-25.90
MRPC1FB33P25_COS		2274.37	4.66	-324.21	132.77	-222.10	68.94	-32.54	139.60	-23.44	27.34	82.27	34.27	-12.59	-3.56	-36.97	12.55
MRPC1FB33P25_SIN		0.00	143.24	-156.27	-199.99	702.35	37.92	-16.38	27.93	-24.33	-71.79	-23.86	-9.88	-25.95	-18.84	-30.29	-55.23
MRPC1TOR25P5_COS		-806.05	-31.69	20.76	7.09	17.01	-96.37	-51.34	-51.79	-0.81	-0.56	4.68	-1.71	-22.10	-2.58	-5.14	-0.42
MRPC1TOR25P5_SIN		0.00	89.84	-48.47	26.64	294.31	-76.58	42.85	2.52	-2.18	-1.10	-0.57	-0.77	-11.66	-4.21	-9.16	-3.18
MRPLK1LOAD_COS		-91.95	11.35	2.94	2.01	3.48	-14.17	-5.84	-7.40	-0.29	0.38	0.58	-0.48	-3.16	-0.47	-1.05	0.07
MRPLK1LOAD_SIN		0.00	-14.84	-2.34	2.92	36.42	-9.12	5.54	0.53	-0.23	-0.31	0.39	-0.29	-1.87	-0.55	-1.87	-0.65
PITCHRH_COS		10615.70	-8716.25	-389.79	-4.70	-116.93	1976.63	-94.25	-12.86	85.66	82.64	434.72	-96.51	-22.11	-45.29	-21.16	-182.77
PITCHRH_SIN		0.00	3226.65	-477.78	45.10	-78.63	1889.58	-112.61	103.95	103.38	-209.73	-327.53	41.55	11.52	46.20	24.77	-18.03
ROLLRH_COS		-233.33	-2772.20	492.31	-39.68	-481.66	-5047.31	-12.62	-44.96	162.15	30.64	176.46	-119.87	139.09	-188.02	-49.55	-110.05
ROLLRH_SIN		0.00	-8519.08	-608.99	-54.71	110.48	1267.56	-202.93	-56.03	-15.24	26.26	-102.59	-93.74	6.86	10.33	-82.87	-278.59
TORQ_COS		30332.05	508.03	0.09	9.52	21.33	-27.79	-11.57	-12.99	-10.94	1.12	24.82	-0.18	5.44	-2.74	-11.76	-29.37
TORQ_SIN		0.00	534.06	-17.43	21.95	61.75	-30.47	15.16	3.27	-18.61	-4.54	20.79	9.18	-7.46	6.01	-12.77	31.77
THRUST_COS		5815.53	-71.61	5.83	4.27	9.17	-112.09	2.77	-0.64	3.77	-4.73	-24.76	20.46	-0.47	-0.53	-8.86	16.50
THRUST_SIN		0.00	-12.03	9.50	6.21	0.76	-64.02	6.03	15.22	-0.49	5.66	0.42	-4.61	0.23	5.25	4.54	22.10

RUN	POINT	Harmonics															
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.30	4.74	-14.00	1.92	9.55	279.99	6.32	-0.59	-7.95	-0.11	-4.57	3.07	-4.20	5.75	1.33	2.77
SIDERH_SIN		0.00	191.58	13.37	2.15	-68.80	-388.52	15.89	5.71	-0.19	-2.84	-0.43	5.66	-0.25	0.11	2.03	8.81
DRAGRH_COS		-209.01	227.77	10.40	-5.34	-16.23	133.03	-23.03	11.82	2.50	-4.64	4.65	7.16	0.30	3.17	0.73	8.96
DRAGRH_SIN		0.00	-71.42	13.52	2.80	36.56	572.26	-2.82	-6.01	-10.54	13.92	-3.29	-2.30	-1.06	-0.42	-1.80	0.76

RUN	POINT	Harmonics															
52	123	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	0.81	0.00	0.00	0.01	0.01	-0.01	-0.01	0.00	0.11	0.01	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.00	0.03	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.37	2.16	1.46	-1.93	-10.22	-3.25	0.71	0.28	0.01	0.01	-0.21	0.06	2.61	0.09	-0.09	0.35
ACT1FORCE_SIN		0.00	10.91	1.35	2.55	11.53	-0.99	-0.37	0.20	0.18	0.21	0.07	0.15	1.41	0.03	0.15	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.09	-18.06	-16.07	10.97	263.72	21.17	-8.69	0.11	0.57	0.06	-0.03	0.08	-0.12	0.00	-0.10	-0.05
FA1IBVOLTAGE_SIN		0.00	-63.67	-5.41	-17.60	140.40	1.37	6.53	-0.30	-0.18	-0.09	0.08	-0.02	0.81	0.09	-0.09	0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.97	18.29	16.15	-10.87	-265.16	-21.59	8.55	-0.06	0.48	0.07	0.01	-0.09	0.06	-0.04	0.09	0.05
FA1OBVOLTAGE_SIN		0.00	63.82	5.53	17.97	-139.60	-1.47	-6.61	0.13	-0.24	0.00	0.01	0.03	-0.76	-0.10	0.08	-0.11
MRBLD1CB42P75_COS		-4066.33	-1220.05	-92.55	224.42	-247.65	71.24	-14.34	87.08	60.40	15.66	-8.13	-9.47	-18.89	-10.77	-28.83	-6.18
MRBLD1CB42P75_SIN		0.00	-185.10	-37.01	-188.60	169.88	20.42	-72.37	48.18	44.15	25.09	-67.25	-30.55	-25.63	-22.35	-15.65	-26.70

RUN	POINT	Harmonics															
52	123	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2752.89	-594.34	244.08	210.62	-349.63	58.16	-135.58	61.22	64.42	14.46	5.65	-9.46	-7.92	-10.65	-18.32	-19.31
MRBLD1CB70_SIN		0.00	-123.41	-35.42	-158.34	208.06	29.32	76.15	29.81	44.59	31.81	-42.35	-15.94	-11.06	-6.18	-17.18	-19.36
MRBLD1CB120_COS		-564.22	-155.49	391.19	160.06	-301.99	51.68	-232.86	35.54	-28.82	-7.81	27.26	12.69	9.58	-1.02	5.69	6.60
MRBLD1CB120_SIN		0.00	30.20	-94.11	-189.51	267.26	11.18	192.47	-16.01	-25.22	-32.75	46.31	15.80	8.41	11.05	-2.12	-5.26
MRBLD1CB164_COS		-1990.67	-60.72	128.77	21.87	-161.64	-9.16	-124.00	-5.35	-37.20	0.07	15.47	15.66	12.94	5.15	4.98	5.67
MRBLD1CB164_SIN		0.00	54.74	-47.98	-63.21	176.80	-12.75	102.43	-20.04	-40.43	-46.81	38.83	9.05	7.60	-0.19	16.01	20.10
MRBLD1FB42P75_COS		3127.60	42.80	-433.14	90.96	-27.69	104.08	-38.14	156.75	-44.29	-29.91	38.48	8.00	-29.51	-18.43	-46.66	-41.69
MRBLD1FB42P75_SIN		0.00	31.29	-112.80	-286.95	832.73	29.74	-8.22	-29.94	3.14	-72.15	-55.12	-33.07	-12.39	-9.32	21.87	-41.30
MRBLD1FB70_COS		408.84	-96.61	-227.95	8.49	-52.63	26.54	-12.55	37.34	0.31	-2.73	-3.54	-2.94	2.92	2.77	10.89	9.19
MRBLD1FB70_SIN		0.00	-126.75	-38.91	-107.23	246.16	-2.26	-6.90	-3.48	3.40	1.43	0.92	2.37	0.70	0.68	-3.95	9.75
MRBLD1FB87_COS		-84.63	-56.09	-178.15	-13.69	-40.28	-13.23	-9.65	-13.42	7.60	7.05	0.12	3.10	8.12	3.75	8.88	7.48
MRBLD1FB87_SIN		0.00	-121.58	-3.36	-21.17	120.96	-3.19	-5.24	-4.10	-5.09	10.19	13.35	9.44	3.77	4.31	-2.76	8.14
MRBLD1FB120_COS		-466.33	-51.06	-243.11	-23.83	7.35	-49.89	11.75	-44.31	4.43	2.77	-1.15	-4.32	-7.73	-1.63	-14.19	-11.34
MRBLD1FB120_SIN		0.00	-176.27	21.83	46.77	21.78	0.68	8.34	8.63	2.15	1.42	-9.07	-7.37	-4.46	-6.50	2.79	-13.40
MRBLD1FB164_COS		-104.25	-22.95	-355.24	-9.94	82.35	29.80	16.57	57.47	-8.03	0.69	2.04	9.40	13.62	0.75	3.75	5.04
MRBLD1FB164_SIN		0.00	-220.96	22.26	46.97	-460.55	-11.49	-5.32	-23.22	-6.68	1.48	13.56	13.69	1.12	-0.50	0.05	10.22

RUN	POINT	Harmonics															
52	123	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.42	-14.09	-210.84	-1.20	49.59	38.32	-8.60	46.29	-6.07	8.78	4.35	10.02	16.99	1.53	-12.96	-7.63
MRBLD1FB180_SIN		0.00	-159.47	18.42	24.34	-340.36	-27.34	1.73	-27.50	-27.55	4.39	15.62	3.47	-0.80	-1.34	4.53	-15.88
MRBLD1TOR51_COS		-1379.46	36.21	-23.25	-0.98	-48.62	86.35	39.48	46.24	3.40	0.87	-2.38	1.28	15.03	-0.66	-2.81	2.31
MRBLD1TOR51_SIN		0.00	-29.17	-4.18	-23.70	-236.89	66.72	-39.62	-2.08	2.08	-0.06	-2.94	-1.42	5.03	1.37	0.40	-3.56
MRBLD1TOR71_COS		-235.17	41.91	-29.53	-13.17	-31.15	75.50	44.55	33.54	1.54	-0.99	-4.74	0.85	13.45	0.23	-2.16	2.93
MRBLD1TOR71_SIN		0.00	-30.84	-9.15	-15.73	-251.03	59.17	-30.28	-2.78	2.92	1.11	0.02	0.33	5.08	3.13	0.69	-2.33
MRBLD1TOR130_COS		-3.11	41.71	-9.62	-21.79	-24.25	62.25	36.72	25.63	-0.33	-0.40	-0.18	0.66	0.95	-1.52	-3.19	-1.11
MRBLD1TOR130_SIN		0.00	-27.13	-2.43	0.43	-259.12	46.71	-16.16	-0.89	4.45	-0.94	1.80	0.10	-3.80	-0.25	-1.19	0.68
MRBLD1TOR164_COS		-205.66	30.65	48.03	-18.34	-55.82	34.90	13.07	6.01	-0.04	2.16	1.29	0.07	-4.85	1.79	-2.59	-1.96
MRBLD1TOR164_SIN		0.00	-5.81	2.90	-1.00	-118.99	25.47	-4.76	-2.81	1.89	1.61	2.07	0.01	-5.27	-0.63	-3.14	-1.81
MRFBM1CB26P5_COS		-4814.52	-516.80	-81.12	63.10	42.30	11.64	26.15	6.22	-3.35	0.24	-0.94	1.70	-0.64	0.43	-1.96	5.10
MRFBM1CB26P5_SIN		0.00	-123.45	0.96	-44.81	-25.26	-8.55	-41.54	3.58	-0.81	-4.75	-4.07	-1.76	-1.60	-1.87	-0.10	-3.13
MRFBM1FB9_COS		329.50	-78.80	191.45	-47.01	52.44	-5.36	10.03	-8.51	-0.51	-1.20	-3.02	-0.81	-0.08	-0.35	0.59	-0.85
MRFBM1FB9_SIN		0.00	34.66	66.46	56.65	-88.16	-6.89	16.82	-5.57	-0.46	0.80	0.59	0.63	1.33	0.94	1.61	1.70
MRFBM1TOR26P5_COS		-365.05	95.46	-0.11	-0.12	-1.27	1.44	-0.31	0.53	-0.01	-0.06	-0.02	-0.02	0.12	0.07	0.14	-0.03
MRFBM1TOR26P5_SIN		0.00	-68.01	-0.49	0.38	-4.83	0.50	-1.05	0.08	-0.01	0.22	-0.08	0.07	0.13	0.06	0.11	0.10

RUN	POINT	Harmonics															
52	123	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1070.84	-1169.80	-171.50	201.47	-116.18	66.48	0.22	74.50	23.07	11.54	-0.02	-0.49	-13.42	-7.59	-23.73	1.66
MRPC1CB33P25_SIN		0.00	-150.67	-14.27	-177.45	142.11	8.17	-87.70	30.74	18.64	-1.50	-41.46	-20.75	-18.31	-16.98	-12.76	-27.89
MRPC1FB33P25_COS		2281.69	0.98	-321.82	127.01	-220.69	70.77	-29.53	130.91	-28.09	17.50	61.51	29.21	-14.01	-6.44	-48.57	11.57
MRPC1FB33P25_SIN		0.00	135.90	-155.12	-209.14	692.15	44.23	-9.85	35.92	-17.13	-65.26	-20.16	-17.24	-29.58	-20.01	-29.27	-59.99
MRPC1TOR25P5_COS		-807.37	-32.61	19.87	6.21	18.25	-95.85	-47.18	-50.88	-1.36	-1.05	2.24	-2.64	-21.58	-2.26	-7.35	-1.10
MRPC1TOR25P5_SIN		0.00	89.37	-48.01	27.14	293.22	-75.55	43.35	1.65	-1.92	-0.95	0.12	-1.00	-12.37	-3.99	-8.17	-5.07
MRPLK1LOAD_COS		-92.21	11.35	2.73	1.96	3.61	-14.02	-5.35	-7.27	-0.32	0.28	0.17	-0.57	-3.08	-0.41	-1.33	-0.02
MRPLK1LOAD_SIN		0.00	-14.87	-2.30	3.03	36.30	-9.03	5.57	0.46	-0.20	-0.31	0.41	-0.20	-2.07	-0.59	-1.67	-0.98
PITCHRH_COS		10745.94	-8708.22	-394.67	5.92	-126.25	1948.51	-78.54	-44.78	56.57	59.97	418.12	-100.02	0.08	-72.67	-41.78	-236.62
PITCHRH_SIN		0.00	3228.51	-472.65	47.67	-64.17	1946.82	-90.21	125.82	90.43	-194.92	-346.66	61.18	52.79	71.49	-14.22	-18.01
ROLLRH_COS		-118.26	-2783.61	491.56	-53.55	-491.47	-4939.03	-33.39	-14.21	163.63	20.10	160.25	-117.58	161.16	-162.72	-100.01	-138.84
ROLLRH_SIN		0.00	-8488.10	-605.99	-54.22	104.05	1271.88	-185.91	-75.38	-27.13	25.19	-91.93	-112.78	41.69	-30.69	-60.98	-274.18
TORQ_COS		30078.38	501.09	0.94	8.00	25.29	-24.87	-9.60	-12.41	-9.14	0.01	27.37	0.27	5.32	-3.13	-10.48	-28.55
TORQ_SIN		0.00	549.37	-22.63	23.81	67.13	-28.54	15.80	1.51	-14.26	-4.42	20.32	7.75	-11.02	7.52	-10.48	34.94
THRUST_COS		5840.04	-71.50	5.86	4.62	8.67	-110.96	3.15	-2.32	4.52	-3.99	-21.81	19.42	-2.21	-1.14	-6.79	16.73
THRUST_SIN		0.00	-12.93	8.99	6.93	0.00	-65.04	5.52	12.63	0.40	4.81	0.50	-3.50	-2.40	3.27	5.19	21.46

RUN	POINT	Harmonics															
52	123	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.26	8.15	-14.28	2.70	12.95	275.28	6.50	-2.43	-7.91	0.09	-3.85	2.73	-4.86	4.85	3.02	3.56
SIDERH_SIN		0.00	188.59	13.47	2.02	-63.41	-383.02	16.82	4.67	-0.32	-2.92	-1.23	6.11	-1.09	1.23	1.23	8.62
DRAGRH_COS		-207.66	227.21	10.95	-5.50	-12.77	131.76	-20.20	11.64	5.08	-3.08	2.77	9.15	0.44	3.32	1.72	11.10
DRAGRH_SIN		0.00	-72.37	13.46	1.95	35.75	543.52	-3.76	-2.66	-9.52	12.50	-2.23	-2.81	-2.08	-1.91	0.11	0.87

RUN	POINT	Harmonics															
58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.00	0.81	-0.08	0.06	0.00	0.01	-0.01	-0.03	0.00	0.10	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.04	0.01	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.09	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.13	2.32	1.69	-1.91	-8.62	-3.85	0.91	0.02	0.04	0.12	-0.39	0.06	2.28	-0.14	0.12	0.36
ACT1FORCE_SIN		0.00	10.91	1.53	2.66	12.48	-1.44	0.39	-0.11	0.11	0.37	-0.08	0.32	0.81	0.07	-0.12	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.74	-17.43	-17.02	10.58	262.60	11.65	-0.13	0.13	0.50	0.00	0.05	-0.05	-0.20	-0.02	0.04	0.03
FA1IBVOLTAGE_SIN		0.00	-65.60	-9.00	-16.03	132.09	6.49	0.05	-0.22	-0.22	-0.03	-0.15	-0.06	0.92	0.01	0.02	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.16	17.60	17.09	-10.46	-263.80	-12.03	0.02	-0.11	0.53	0.10	-0.05	0.04	0.16	-0.01	-0.04	-0.02
FA1OBVOLTAGE_SIN		0.00	65.77	9.08	16.34	-131.69	-6.67	-0.05	0.06	-0.16	0.04	0.16	0.06	-0.86	-0.02	-0.01	-0.06
MRBLD1CB42P75_COS		-4042.50	-1036.37	-72.59	230.83	-289.79	98.66	-18.08	136.95	64.66	0.15	-63.16	-34.01	-17.75	-15.68	-29.98	-21.28
MRBLD1CB42P75_SIN		0.00	90.81	-33.63	-227.92	128.28	25.49	-91.01	61.76	49.05	24.56	-84.48	-58.13	-17.01	-19.35	8.34	-22.91

RUN	POINT	Harmonics															
58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2707.29	-479.37	259.23	216.50	-411.43	100.66	-174.74	106.54	75.06	1.25	-30.16	-31.93	-2.09	-16.44	-21.27	-32.55
MRBLD1CB70_SIN		0.00	50.91	-39.79	-192.16	136.98	12.72	72.82	42.19	49.07	24.60	-53.31	-33.42	-4.05	-7.45	2.13	-15.68
MRBLD1CB120_COS		-578.33	-117.89	393.57	161.44	-363.56	99.65	-302.94	60.02	-29.42	1.11	58.27	24.33	8.17	0.36	3.73	1.61
MRBLD1CB120_SIN		0.00	106.22	-101.84	-217.80	220.40	-21.64	197.46	-13.93	-23.77	-34.81	53.86	28.82	4.95	11.49	-4.50	-8.50
MRBLD1CB164_COS		-2007.37	-56.08	129.47	20.72	-190.15	6.26	-159.82	-10.20	-40.32	12.37	43.68	32.69	9.41	9.16	11.78	18.48
MRBLD1CB164_SIN		0.00	71.99	-51.12	-73.37	168.41	-29.64	109.13	-24.33	-42.17	-43.06	48.96	21.09	2.94	2.18	5.39	22.14
MRBLD1FB42P75_COS		3144.60	-13.19	-430.97	96.00	-57.48	150.02	-59.87	244.34	-42.85	-30.04	10.32	-6.51	-27.89	-11.84	-16.36	-60.12
MRBLD1FB42P75_SIN		0.00	-30.72	-105.17	-359.24	939.04	22.95	-21.40	-55.28	8.96	-65.26	-54.31	-45.39	-8.40	-5.38	48.75	-7.99
MRBLD1FB70_COS		410.90	-101.88	-227.15	10.46	-67.82	38.99	-19.92	53.06	0.11	-2.90	-4.77	-2.77	2.90	1.65	4.75	13.66
MRBLD1FB70_SIN		0.00	-122.87	-33.43	-130.14	274.03	-4.34	-12.08	-9.04	4.11	2.65	1.88	3.78	0.98	0.26	-9.87	3.00
MRBLD1FB87_COS		-75.08	-60.35	-176.74	-11.20	-46.71	-12.60	-11.26	-21.77	6.49	7.88	8.81	8.05	7.25	2.96	2.64	11.35
MRBLD1FB87_SIN		0.00	-121.55	0.58	-31.08	133.72	-2.68	-4.48	-1.77	-5.92	8.08	10.92	11.41	2.30	3.02	-9.29	1.06
MRBLD1FB120_COS		-466.67	-49.23	-238.49	-20.23	12.77	-61.15	18.89	-64.22	5.27	1.47	-4.77	-6.98	-5.87	-1.54	-5.35	-16.57
MRBLD1FB120_SIN		0.00	-184.19	27.05	40.39	22.01	1.53	14.49	14.99	-0.54	0.31	-7.83	-7.84	-3.70	-5.32	12.89	-2.21
MRBLD1FB164_COS		-93.22	-14.42	-349.82	2.01	117.99	26.71	11.35	83.97	-10.55	0.76	8.05	15.27	11.82	-1.47	-0.65	9.47
MRBLD1FB164_SIN		0.00	-231.45	34.54	32.00	-499.35	-18.89	-8.32	-30.78	-3.46	-0.19	11.46	13.82	-1.89	-0.41	-3.44	4.83

RUN	POINT	Harmonics															
58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-162.16	-10.49	-205.04	5.45	68.80	42.45	-19.14	71.23	-6.60	9.72	19.77	21.59	17.87	4.19	-1.70	-13.76
MRBLD1FB180_SIN		0.00	-162.54	28.69	16.41	-367.16	-34.38	1.16	-32.38	-24.64	1.57	11.14	8.46	-3.94	-1.84	14.14	-3.75
MRBLD1TOR51_COS		-1389.61	36.68	-21.34	3.50	-48.77	103.79	51.31	58.46	4.40	2.76	-3.66	1.37	13.70	0.74	-2.12	-0.06
MRBLD1TOR51_SIN		0.00	-28.39	-4.65	-34.50	-241.25	99.77	-65.10	-13.54	-0.94	2.97	-2.61	1.90	2.10	1.92	2.88	-1.19
MRBLD1TOR71_COS		-240.47	39.99	-29.15	-10.18	-29.05	89.08	57.01	40.87	1.98	1.30	-4.02	2.16	12.46	0.63	-1.83	0.49
MRBLD1TOR71_SIN		0.00	-32.43	-9.66	-22.85	-255.30	88.89	-51.84	-14.73	-0.32	4.72	0.24	4.07	1.53	3.62	1.69	-1.33
MRBLD1TOR130_COS		-4.49	41.09	-10.24	-20.34	-20.68	73.81	45.66	33.03	-1.18	0.69	-1.20	1.51	0.60	-3.55	-3.20	-1.54
MRBLD1TOR130_SIN		0.00	-27.61	-3.41	-2.70	-265.98	69.35	-31.44	-10.15	2.69	3.43	-0.61	-0.71	-5.09	0.73	-0.72	-0.28
MRBLD1TOR164_COS		-206.17	29.63	46.36	-19.36	-60.39	44.26	16.00	9.47	0.20	2.50	2.77	0.91	-4.18	0.69	-3.87	-4.07
MRBLD1TOR164_SIN		0.00	-4.27	0.64	-0.25	-119.52	38.77	-12.66	-7.84	0.76	3.40	0.57	-0.23	-4.59	-0.90	-0.88	-3.10
MRFBM1CB26P5_COS		-4693.81	-444.30	-74.09	62.92	49.56	9.72	34.05	9.04	-5.74	0.43	-4.04	2.43	-1.44	0.90	-1.89	3.13
MRFBM1CB26P5_SIN		0.00	5.35	2.15	-51.40	-24.35	-1.45	-46.51	3.17	-0.10	-3.96	-5.05	-2.72	-1.93	-0.73	0.86	-3.43
MRFBM1FB9_COS		348.30	-157.93	188.23	-55.98	60.28	-10.19	11.34	-13.26	-0.58	-0.72	-2.01	-0.62	0.01	-0.03	1.46	0.22
MRFBM1FB9_SIN		0.00	-24.20	63.30	74.01	-94.56	-8.87	21.78	-8.57	-0.79	1.38	1.72	1.67	1.00	0.92	0.61	2.07
MRFBM1TOR26P5_COS		-362.58	91.05	-0.41	-0.01	-1.48	1.98	-0.04	0.53	0.05	-0.07	-0.04	-0.06	0.10	0.19	0.16	0.06
MRFBM1TOR26P5_SIN		0.00	-67.55	-0.47	0.15	-5.75	1.15	-1.67	0.10	0.01	0.06	0.09	0.09	0.18	0.02	0.07	0.14

RUN	POINT	Harmonics															
58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1374.65	-993.54	-155.10	206.69	-135.84	84.16	3.17	114.63	21.86	2.77	-37.30	-13.67	-13.95	-8.50	-24.31	-14.32
MRPC1CB33P25_SIN		0.00	95.57	-10.26	-211.12	132.07	20.07	-107.09	38.55	22.04	1.39	-51.66	-38.08	-12.65	-14.05	7.85	-26.27
MRPC1FB33P25_COS		2300.20	-45.82	-319.07	144.14	-268.72	110.30	-44.52	209.20	-29.94	13.20	38.99	25.07	-14.42	-6.72	-54.28	-29.06
MRPC1FB33P25_SIN		0.00	79.30	-146.33	-265.91	770.34	48.91	-24.25	50.32	-11.02	-60.68	-36.02	-36.49	-25.43	-11.76	14.37	-58.99
MRPC1TOR25P5_COS		-803.36	-45.79	24.68	4.11	12.39	-112.10	-61.20	-59.96	-2.69	-4.22	0.00	-3.33	-18.69	-6.39	-10.25	-6.34
MRPC1TOR25P5_SIN		0.00	94.37	-43.96	35.71	300.34	-112.79	73.77	14.31	2.24	-0.43	-4.56	-8.94	-9.45	-3.25	-4.60	-10.02
MRPLK1LOAD_COS		-79.71	11.20	2.43	1.86	3.27	-16.84	-7.11	-8.75	-0.60	-0.07	0.01	-0.32	-2.83	-1.51	-1.83	-1.19
MRPLK1LOAD_SIN		0.00	-13.43	-2.34	4.34	37.44	-14.46	9.91	2.21	0.00	0.25	-0.57	-1.11	-1.97	-0.38	-1.28	-1.87
PITCHRH_COS		13253.83	-8447.57	-551.24	19.13	-19.32	2295.99	-280.85	47.42	-9.57	84.14	442.63	-63.13	-26.65	-27.64	-12.48	-308.74
PITCHRH_SIN		0.00	2081.28	-512.03	73.97	17.37	1740.52	18.19	145.01	46.90	-129.44	-333.32	67.55	60.24	130.15	-22.71	57.25
ROLLRH_COS		1897.03	-1853.27	533.47	-27.57	-465.89	-5429.03	-105.37	-53.63	199.84	-14.65	96.51	-134.89	176.64	-192.03	35.88	-492.94
ROLLRH_SIN		0.00	-8329.73	-743.37	-65.86	233.43	1111.83	-275.79	-88.33	-81.69	58.36	-141.13	-135.43	70.04	18.93	-97.71	-89.42
TORQ_COS		29763.32	329.89	2.09	10.63	13.10	-17.90	-17.98	-10.49	0.71	-3.41	46.07	-0.21	5.09	-3.77	-9.80	-15.28
TORQ_SIN		0.00	567.41	-21.73	28.06	97.23	-45.10	18.48	7.27	-17.01	-2.75	29.82	6.79	-7.67	6.58	-1.76	19.39
THRUST_COS		5890.24	-34.68	7.73	7.90	11.52	-152.07	6.92	2.48	3.32	-3.50	-17.44	24.56	3.05	-10.82	2.61	20.67
THRUST_SIN		0.00	-66.06	11.33	5.94	-0.16	-72.12	6.26	15.86	0.11	3.67	-11.91	1.77	-3.73	2.84	-2.23	28.37

RUN	POINT	Harmonics															
58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.99	25.43	-15.55	-0.48	-21.28	315.57	7.07	-0.12	-9.15	1.49	1.04	4.33	-4.76	5.24	-1.02	13.83
SIDERH_SIN		0.00	207.01	17.80	0.61	-73.08	-424.49	22.53	4.52	0.95	-3.41	1.97	6.40	-2.17	-0.24	2.75	2.93
DRAGRH_COS		-219.32	224.41	16.41	-6.91	-16.33	80.55	-8.45	5.77	7.09	-5.20	19.35	3.68	2.02	0.04	1.46	14.26
DRAGRH_SIN		0.00	-60.46	13.42	1.18	43.95	687.62	-14.66	-4.40	-10.16	7.59	-1.84	-7.53	-3.98	-3.23	-0.80	-3.08

RUN	POINT	Harmonics															
52	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	0.11	0.00	0.03	0.00	-0.01	-0.01	0.01	0.02	0.01	-0.01	-0.03
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.05	0.00	0.02	-0.02	0.00	0.00	0.01	0.01	0.10
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-20.56	1.89	2.10	-2.69	-1.24	-13.40	-0.05	0.37	0.04	-0.33	0.17	0.34	0.68	0.33	-0.19	-1.52
ACT1FORCE_SIN		0.00	10.34	2.14	1.88	2.96	6.64	-2.65	1.13	0.22	0.32	-0.31	0.11	0.16	0.04	0.20	2.31
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.16	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		347.12	-16.20	-16.89	10.84	5.06	151.16	2.87	0.09	0.07	0.19	0.57	0.12	0.02	-0.08	0.06	-1.08
FA1IBVOLTAGE_SIN		0.00	-58.84	-15.79	-10.14	-16.76	246.27	16.76	-0.13	-0.18	0.04	0.40	0.12	0.07	0.01	-0.09	-0.34
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.16	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		459.02	16.40	17.03	-10.88	-5.06	-153.06	-3.17	-0.22	0.03	-0.14	0.44	-0.07	-0.02	0.07	-0.05	1.01
FA1OBVOLTAGE_SIN		0.00	59.00	15.87	10.32	17.14	-246.17	-17.16	-0.01	0.09	-0.13	0.38	0.03	-0.07	-0.03	0.09	0.27
MRBLD1CB42P75_COS		-4026.35	-1352.63	-60.53	103.27	-16.55	141.95	-1.33	91.95	-46.67	60.24	4.83	-30.09	-14.39	-11.98	-46.95	-1.91
MRBLD1CB42P75_SIN		0.00	-261.02	-110.10	54.02	247.44	-224.05	89.76	-74.30	-17.47	43.49	-67.79	-56.78	-36.63	-12.66	-3.85	-21.52

RUN	POINT	Harmonics															
52	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2764.65	-680.57	333.49	36.35	-10.40	146.71	25.57	71.12	-62.55	67.30	-40.60	-19.90	-11.52	-4.75	-29.34	-9.23
MRBLD1CB70_SIN		0.00	-145.20	-98.48	60.72	463.36	-94.46	173.14	-86.22	-21.09	40.55	-51.31	-40.45	-15.77	3.08	-4.53	-18.48
MRBLD1CB120_COS		-562.70	-190.90	489.62	13.80	110.67	114.18	69.93	24.84	-45.29	-24.20	1.80	29.17	4.16	0.27	2.20	0.66
MRBLD1CB120_SIN		0.00	-4.04	-117.29	3.10	454.07	-51.87	243.03	-73.06	-3.81	-33.23	16.08	40.65	19.86	10.17	-3.11	0.19
MRBLD1CB164_COS		-1981.01	-66.78	151.77	-30.04	27.26	-16.23	26.07	-12.87	-7.55	-35.49	38.91	27.38	9.77	-1.79	13.30	-1.94
MRBLD1CB164_SIN		0.00	38.53	-47.22	12.71	204.24	55.76	94.48	-14.24	4.69	-49.73	22.26	44.71	7.87	-2.22	9.07	22.61
MRBLD1FB42P75_COS		3107.07	98.66	-527.92	172.22	487.95	-76.09	165.62	43.63	-18.44	-28.47	70.65	18.90	-5.23	-16.36	-52.55	-23.89
MRBLD1FB42P75_SIN		0.00	0.40	-118.37	297.54	57.31	-585.97	136.98	-108.00	45.23	-39.84	-143.46	-19.08	-17.99	4.39	78.93	-19.01
MRBLD1FB70_COS		402.63	-84.28	-278.72	23.31	114.96	-19.10	36.95	15.24	-5.44	-2.13	-4.64	-3.55	-1.51	2.35	13.16	5.12
MRBLD1FB70_SIN		0.00	-152.64	-42.13	83.64	35.54	-161.28	34.16	-23.91	7.99	1.67	0.31	1.78	1.74	-1.14	-14.02	4.57
MRBLD1FB87_COS		-82.94	-47.27	-224.31	-5.65	23.09	-26.52	-11.81	-3.92	6.58	6.64	-7.53	3.98	4.64	2.66	9.48	3.44
MRBLD1FB87_SIN		0.00	-135.27	-3.24	74.60	33.64	-18.96	-8.56	7.01	-10.05	6.79	32.14	6.05	5.38	0.20	-15.66	5.36
MRBLD1FB120_COS		-455.57	-45.21	-300.51	-12.15	-48.16	-22.22	-36.86	-13.60	8.40	3.23	-0.53	-5.77	-1.19	0.77	-12.84	-5.64
MRBLD1FB120_SIN		0.00	-151.68	4.96	137.70	30.20	162.34	-41.78	40.60	-6.63	-4.66	-13.37	-4.57	-3.67	-1.08	21.00	-8.62
MRBLD1FB164_COS		-97.46	-19.16	-393.97	28.11	-108.30	46.45	69.22	24.66	-5.30	2.88	-0.84	10.44	6.45	-0.16	5.40	5.80
MRBLD1FB164_SIN		0.00	-190.47	-9.78	172.13	-69.20	37.59	1.74	-66.96	0.51	9.46	21.80	5.36	4.86	-0.89	-7.27	10.06

RUN	POINT	Harmonics															
52	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.50	-12.49	-226.95	30.40	-41.07	4.15	67.32	14.86	-6.96	10.35	-7.06	12.60	9.47	2.30	-14.98	-1.44
MRBLD1FB180_SIN		0.00	-127.77	-10.75	76.87	-54.71	-73.25	14.34	-55.87	-19.74	-12.48	48.29	6.94	0.61	3.14	23.25	-5.59
MRBLD1TOR51_COS		-1379.61	42.21	-39.22	26.49	-9.14	306.29	-34.04	32.57	-4.94	5.89	-5.71	4.52	5.67	1.62	-10.93	-8.57
MRBLD1TOR51_SIN		0.00	-32.37	-19.82	42.67	-27.69	-353.85	47.54	-8.21	5.90	0.11	-2.39	-2.40	1.76	2.00	5.51	5.69
MRBLD1TOR71_COS		-236.66	48.37	-45.12	18.01	-21.35	277.09	-30.69	23.52	-3.33	2.11	-8.03	1.69	5.45	1.72	-3.47	-5.30
MRBLD1TOR71_SIN		0.00	-36.28	-19.73	20.59	-43.91	-305.69	34.29	-0.32	4.90	-0.01	1.20	0.72	3.61	2.75	1.64	7.67
MRBLD1TOR130_COS		-1.44	42.20	-19.22	14.09	-35.16	216.64	-14.82	18.48	-5.13	0.86	4.87	-2.83	0.59	-2.13	4.37	2.78
MRBLD1TOR130_SIN		0.00	-28.35	-11.05	7.74	-40.38	-258.09	29.30	-2.63	6.39	0.47	-0.40	3.04	-0.49	-0.64	-5.74	2.73
MRBLD1TOR164_COS		-205.11	30.24	50.16	7.39	-11.66	121.11	-7.02	0.51	-0.54	4.13	-0.19	-2.70	-0.49	-1.58	0.88	8.64
MRBLD1TOR164_SIN		0.00	-9.04	2.02	-25.70	-8.62	-196.87	23.18	1.32	-0.51	0.41	4.69	4.45	1.72	2.37	-4.99	-5.20
MRFBM1CB26P5_COS		-4766.13	-584.65	-80.68	67.84	2.56	21.54	-7.07	7.01	3.71	-3.25	17.72	0.74	1.16	-1.59	-4.87	2.25
MRFBM1CB26P5_SIN		0.00	-171.14	-19.26	-11.08	-60.10	-47.97	-15.55	-1.07	0.63	-2.88	-2.84	-0.03	-1.53	-2.82	0.49	-0.75
MRFBM1FB9_COS		331.56	-22.50	230.24	-9.86	-43.56	-19.09	7.10	-7.65	2.84	-1.90	-4.34	-1.28	-0.62	0.11	2.53	-0.53
MRFBM1FB9_SIN		0.00	39.65	94.34	-92.92	-39.88	45.59	-13.48	3.56	0.17	-0.58	1.58	0.98	0.75	0.62	1.27	1.12
MRFBM1TOR26P5_COS		-364.72	95.83	-0.42	0.19	-1.21	3.13	-1.41	0.41	-0.07	0.05	-0.44	0.24	-0.05	0.05	-0.20	-0.09
MRFBM1TOR26P5_SIN		0.00	-67.76	-0.42	0.49	-0.44	-2.59	0.46	0.08	0.00	0.18	0.06	-0.16	-0.04	0.06	0.26	-0.05

RUN	POINT	Harmonics															
52	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1127.04	-1279.13	-166.80	142.63	32.76	103.24	0.22	66.20	-24.85	30.49	35.83	-14.07	-6.89	-8.97	-43.27	1.32
MRPC1CB33P25_SIN		0.00	-224.36	-78.80	34.71	83.63	-246.69	69.03	-56.16	-3.84	11.44	-52.00	-28.81	-23.16	-9.31	-0.75	-18.17
MRPC1FB33P25_COS		2269.48	51.47	-395.65	87.55	388.66	86.53	94.08	79.87	-35.40	4.41	132.86	26.52	8.00	-14.78	-99.29	4.54
MRPC1FB33P25_SIN		0.00	115.98	-167.66	283.80	175.07	-479.70	163.03	-69.30	23.61	-40.93	-62.99	-1.86	-15.44	-9.10	-1.67	-33.01
MRPC1TOR25P5_COS		-807.61	-32.06	38.75	-36.46	22.00	-342.10	38.24	-33.10	-0.90	-2.17	10.76	-10.34	-6.86	-3.72	8.53	14.27
MRPC1TOR25P5_SIN		0.00	92.30	-27.04	-28.55	62.83	362.96	-45.81	5.01	-8.77	0.62	-2.10	1.83	-5.39	-2.58	-18.77	-7.95
MRPLK1LOAD_COS		-92.23	11.39	5.36	-3.79	1.65	-44.60	5.70	-4.78	0.40	-0.45	2.44	-2.13	-0.65	-0.38	2.88	2.25
MRPLK1LOAD_SIN		0.00	-14.92	0.35	-5.30	6.77	50.71	-7.52	0.96	-1.16	0.05	-0.20	0.99	-0.58	-0.33	-4.11	-0.20
PITCHRH_COS		10100.50	-8581.49	-433.61	-5.81	-186.02	2529.90	146.06	138.21	41.08	-55.40	116.54	67.93	18.17	-16.31	-60.25	-510.41
PITCHRH_SIN		0.00	2278.82	-523.68	-24.88	90.72	-544.71	-36.77	61.29	-94.64	-21.55	-584.60	18.66	10.29	12.33	-43.88	-43.41
ROLLRH_COS		-132.85	-1801.19	514.85	-95.36	-107.24	326.64	238.93	-137.83	132.98	-5.15	178.41	20.30	-54.46	-33.64	20.48	-140.98
ROLLRH_SIN		0.00	-8387.61	-561.19	-48.78	504.04	2805.97	-156.60	-182.82	57.48	-109.05	52.38	65.11	-17.45	141.57	-129.98	-637.65
TORQ_COS		30468.01	503.85	7.15	3.19	53.64	-175.21	1.19	-33.41	-27.77	0.10	-43.69	5.03	2.60	0.11	-10.40	-6.33
TORQ_SIN		0.00	487.95	-17.98	15.94	-18.41	93.65	17.44	13.68	8.48	-6.83	9.20	2.61	-4.86	8.60	-12.63	28.34
THRUST_COS		5838.16	-71.55	7.55	8.48	-14.58	-81.90	-7.38	-2.81	-0.38	-2.50	-31.31	1.76	1.10	1.79	-1.47	0.29
THRUST_SIN		0.00	-11.94	8.77	4.67	9.19	267.64	2.06	11.48	2.84	-2.47	35.60	-2.31	-1.61	-6.01	-5.08	49.91

RUN	POINT	Harmonics															
52	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.99	-24.09	-13.45	3.92	-39.88	-178.48	-3.97	2.25	-2.31	0.87	-8.06	0.52	1.06	1.62	-0.62	4.55
SIDERH_SIN		0.00	202.01	12.33	-6.86	-111.80	-205.39	4.17	10.69	1.37	4.94	-2.03	-1.39	0.18	-4.28	4.08	16.43
DRAGRH_COS		-220.44	226.18	8.74	-0.11	-6.46	352.03	-10.11	11.17	-4.83	3.70	-22.18	-1.88	-1.64	0.17	1.15	20.15
DRAGRH_SIN		0.00	-46.53	15.23	4.17	9.71	123.17	11.99	-8.41	7.49	7.25	37.93	-2.85	3.21	-0.52	0.38	1.19

RUN	POINT	Harmonics															
52	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.83	0.00	0.06	-0.03	-0.01	0.00	0.02	0.02	-0.01	-0.01	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.03	0.00	-0.01	-0.02	0.00	0.01	0.01	0.01	0.03
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.42	1.82	1.93	-2.93	-0.24	-8.12	-1.22	1.36	-0.38	-0.13	0.29	0.77	0.49	-0.48	-0.29	2.16
ACT1FORCE_SIN		0.00	10.14	1.54	1.50	1.51	12.04	-2.16	0.90	0.21	-0.22	-0.58	0.04	0.32	0.10	0.33	1.55
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		346.98	-15.79	-16.83	14.65	1.16	252.72	8.89	-0.06	0.03	0.18	0.82	0.21	-0.05	-0.05	0.00	-0.46
FA1IBVOLTAGE_SIN		0.00	-58.44	-12.11	-6.04	-6.71	141.90	12.54	-0.18	-0.08	-0.18	-0.26	0.13	0.10	0.01	-0.17	1.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	-0.11	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		459.14	15.98	16.97	-14.66	-1.04	-254.36	-9.35	-0.10	0.05	-0.15	0.41	-0.07	0.08	0.03	-0.01	0.40
FA1OBVOLTAGE_SIN		0.00	58.56	12.14	6.23	7.01	-140.91	-12.77	0.16	-0.07	0.10	-0.18	-0.10	-0.07	-0.01	0.19	-0.99
MRBLD1CB42P75_COS		-3990.69	-1371.12	-58.07	140.96	37.20	-17.03	33.22	-111.80	-62.44	30.37	12.15	-32.07	-11.92	0.41	-36.96	-0.99
MRBLD1CB42P75_SIN		0.00	-304.01	-113.08	174.22	186.90	-286.12	88.61	-113.20	5.65	-9.46	-64.50	-25.40	-15.47	-15.07	6.64	-28.43

RUN	POINT	Harmonics															
52	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2792.88	-689.25	313.77	60.77	121.00	45.09	63.99	-100.81	-87.25	26.67	-23.57	-20.81	-7.64	6.69	-20.69	-4.30
MRBLD1CB70_SIN		0.00	-174.62	-119.89	180.76	400.36	-172.55	120.39	-107.19	16.73	-10.93	-10.23	-17.71	-4.63	-3.77	1.07	-20.35
MRBLD1CB120_COS		-544.39	-191.10	476.69	36.46	210.84	55.19	137.41	-65.62	-45.33	-22.53	-15.08	32.80	8.44	-0.36	-0.83	12.68
MRBLD1CB120_SIN		0.00	-32.58	-146.54	102.88	349.10	-96.20	149.41	-62.24	9.02	-8.33	49.37	20.71	10.90	9.23	-2.96	-3.22
MRBLD1CB164_COS		-1973.41	-61.44	150.10	-16.31	72.22	5.72	53.21	11.57	2.60	-19.71	11.46	32.79	3.97	-7.46	8.55	-1.20
MRBLD1CB164_SIN		0.00	27.71	-49.22	51.80	148.46	59.22	50.01	4.36	2.66	-7.64	22.03	23.38	11.35	0.52	-0.47	19.83
MRBLD1FB42P75_COS		3099.05	105.29	-500.50	368.07	282.77	-377.06	209.74	-304.48	-5.06	-3.98	34.02	29.56	3.82	1.49	-19.31	-27.13
MRBLD1FB42P75_SIN		0.00	5.73	-81.83	443.31	-240.45	-426.53	68.63	11.41	2.54	-35.47	-120.56	-7.00	-28.31	-0.06	76.91	-52.48
MRBLD1FB70_COS		400.37	-83.53	-267.11	83.42	68.55	-100.30	50.27	-50.18	-3.70	-3.37	-4.05	-3.75	-1.61	-0.32	7.28	6.80
MRBLD1FB70_SIN		0.00	-156.51	-23.15	135.78	-56.43	-122.20	21.18	-0.86	5.30	0.68	0.91	0.89	2.68	-0.64	-15.04	12.30
MRBLD1FB87_COS		-86.92	-45.16	-214.90	24.60	10.46	-35.46	-13.79	28.09	4.50	4.68	-1.52	0.28	0.87	-1.90	1.75	3.81
MRBLD1FB87_SIN		0.00	-135.87	13.86	100.40	-5.04	-9.59	-6.33	-3.25	-5.51	7.87	29.71	2.63	7.35	2.16	-14.71	12.03
MRBLD1FB120_COS		-462.02	-43.68	-300.90	23.42	-27.40	59.83	-59.37	76.68	4.55	3.40	0.47	-2.43	1.13	6.35	-2.34	-6.82
MRBLD1FB120_SIN		0.00	-139.17	25.30	152.87	44.30	146.31	-25.89	7.97	-1.66	-5.26	-15.50	-4.08	-5.72	-2.44	19.46	-18.44
MRBLD1FB164_COS		-108.45	-22.49	-400.57	83.85	-74.98	83.62	88.07	-99.00	-3.89	4.44	1.24	6.14	5.00	-3.74	0.60	6.22
MRBLD1FB164_SIN		0.00	-168.96	6.13	206.10	82.75	7.67	-20.63	-26.25	-1.50	15.55	25.96	1.91	5.74	1.25	-6.64	17.65

RUN	POINT	Harmonics															
52	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-172.39	-14.29	-235.51	59.56	-23.21	-13.96	85.60	-93.42	-7.34	7.35	2.95	7.82	3.65	3.12	-5.67	0.75
MRBLD1FB180_SIN		0.00	-117.41	-4.55	96.33	46.15	-68.21	-16.91	-18.71	-21.12	-6.46	49.36	-4.01	1.65	3.66	23.04	-30.35
MRBLD1TOR51_COS		-1380.54	42.66	-41.23	42.90	-33.60	83.54	2.80	-27.49	-8.97	1.54	-3.94	5.51	4.77	-2.39	-6.67	11.90
MRBLD1TOR51_SIN		0.00	-33.36	-11.83	66.73	-27.20	-457.03	64.68	8.46	13.03	-6.09	-0.14	-3.66	4.05	3.92	5.09	3.27
MRBLD1TOR71_COS		-238.01	48.87	-45.82	27.12	-43.19	83.14	-2.29	-14.62	-7.93	-0.79	-6.40	4.19	4.13	-1.88	-4.52	12.09
MRBLD1TOR71_SIN		0.00	-37.48	-12.41	33.24	-32.10	-401.43	51.94	17.10	11.51	-4.44	2.62	-0.86	4.22	4.31	1.17	1.95
MRBLD1TOR130_COS		-2.76	42.60	-19.19	16.69	-50.28	54.07	6.22	-18.14	-6.46	-1.58	1.49	-0.68	1.16	-0.99	-3.00	-0.82
MRBLD1TOR130_SIN		0.00	-28.15	-6.94	11.80	-13.45	-332.91	37.42	9.18	10.28	-2.05	-0.66	3.54	-1.03	-0.54	-4.84	-3.66
MRBLD1TOR164_COS		-204.72	30.94	50.09	0.08	-18.55	-1.60	1.59	-11.02	-1.58	3.60	-1.25	-1.34	-1.59	2.18	-3.88	-3.73
MRBLD1TOR164_SIN		0.00	-10.44	1.30	-31.65	-12.45	-233.24	22.76	8.44	1.37	0.12	5.53	4.05	0.17	1.67	-2.40	-10.74
MRFBM1CB26P5_COS		-4750.17	-595.01	-74.57	73.66	-24.46	-3.11	-4.18	-6.08	7.52	0.21	14.64	0.36	1.63	-1.63	-4.24	3.62
MRFBM1CB26P5_SIN		0.00	-190.50	-15.53	1.03	-54.62	-56.05	-3.09	-6.51	-3.26	-0.99	-13.82	1.02	-1.35	-0.62	1.94	-2.79
MRFBM1FB9_COS		323.87	-10.45	224.98	-44.23	-37.92	10.51	-1.05	12.14	2.20	-1.85	-3.35	-0.52	-0.79	-0.34	2.06	-1.26
MRFBM1FB9_SIN		0.00	40.53	71.56	-147.78	1.07	47.46	-15.35	12.96	-0.08	0.37	0.67	0.34	0.23	0.25	0.20	1.04
MRFBM1TOR26P5_COS		-364.73	95.96	-0.46	0.22	-1.05	1.46	-0.80	0.19	-0.20	0.03	-0.26	0.13	-0.08	-0.01	0.08	-0.07
MRFBM1TOR26P5_SIN		0.00	-67.39	-0.46	0.54	-0.16	-3.54	0.89	0.20	0.06	0.10	0.11	-0.22	0.08	0.07	0.19	0.21

RUN	POINT	Harmonics															
52	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1099.58	-1293.35	-155.86	183.08	19.16	-52.28	41.51	-100.97	-24.06	17.09	26.91	-13.48	-2.50	0.30	-34.60	6.72
MRPC1CB33P25_SIN		0.00	-263.11	-79.64	127.30	21.01	-273.21	74.49	-80.65	0.21	-12.79	-59.48	-9.56	-10.81	-9.71	9.75	-27.99
MRPC1FB33P25_COS		2260.86	56.46	-379.62	221.96	294.03	-189.94	148.94	-240.30	-7.35	19.81	96.41	24.73	21.08	2.01	-80.62	30.60
MRPC1FB33P25_SIN		0.00	120.85	-134.65	438.67	-116.80	-431.77	118.60	-117.26	-0.13	-27.93	-65.68	14.94	-15.39	0.57	27.24	-56.02
MRPC1TOR25P5_COS		-806.15	-31.83	40.95	-52.98	54.87	-112.74	-1.90	17.48	3.25	0.18	7.64	-9.66	-5.57	4.18	-6.55	-6.13
MRPC1TOR25P5_SIN		0.00	94.36	-35.46	-47.13	48.41	478.64	-66.99	-18.27	-14.53	3.54	-3.08	6.46	-7.75	-6.13	-12.92	-19.50
MRPLK1LOAD_COS		-91.99	11.25	5.66	-6.17	5.82	-13.14	-0.27	3.01	0.95	0.25	1.16	-1.43	-0.56	0.72	-0.96	0.27
MRPLK1LOAD_SIN		0.00	-14.49	-0.76	-7.49	5.81	65.18	-10.23	-2.19	-2.19	0.92	-0.55	1.57	-1.29	-0.98	-3.27	-3.44
PITCHRH_COS		9929.53	-8590.40	-422.44	-32.36	-114.72	1422.56	80.49	141.06	-53.25	-58.45	62.55	17.39	52.97	14.57	-42.23	-366.71
PITCHRH_SIN		0.00	2280.79	-493.24	-25.69	136.14	-1725.03	-73.38	-103.94	-84.48	22.60	-256.72	-93.77	-14.35	-12.98	45.29	60.89
ROLLRH_COS		-199.45	-1790.65	523.80	-81.22	45.54	1850.64	167.40	-203.97	159.83	-47.76	169.36	67.46	-11.33	76.26	-54.06	-264.64
ROLLRH_SIN		0.00	-8357.49	-555.42	-24.63	473.93	1393.97	-265.16	-82.66	24.42	-69.62	52.65	-32.12	70.48	44.85	-13.20	-578.83
TORQ_COS		30831.07	500.64	7.44	0.91	38.47	-72.22	5.01	-25.15	-23.29	-3.96	-29.53	-1.99	2.99	2.29	-10.11	9.19
TORQ_SIN		0.00	478.18	-19.31	8.46	-48.61	230.50	9.41	25.49	17.13	-4.87	57.27	2.52	-5.52	4.73	-11.86	29.37
THRUST_COS		5816.03	-69.80	8.03	7.42	-14.46	81.07	-6.18	-3.03	2.97	-1.95	-33.62	3.43	-1.41	-2.56	-8.03	13.36
THRUST_SIN		0.00	-9.05	8.54	1.69	17.22	245.82	10.22	13.11	2.87	-1.45	25.98	0.04	-0.55	-1.49	-8.16	19.41

RUN	POINT	Harmonics															
52	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.55	-22.47	-13.86	0.85	-59.91	-217.76	-3.05	6.66	-2.54	2.36	-4.74	-2.56	-0.26	-2.17	1.91	7.33
SIDERH_SIN		0.00	199.69	11.97	-7.90	-99.50	-43.96	12.51	6.59	-0.23	2.13	-2.25	0.74	-2.35	-2.06	0.56	16.84
DRAGRH_COS		-220.60	226.30	7.56	3.04	-12.10	308.47	10.13	5.94	3.92	5.45	-6.24	-0.88	-0.10	-0.30	0.06	16.79
DRAGRH_SIN		0.00	-46.15	15.65	2.55	4.10	-52.83	2.92	-10.37	7.14	1.45	29.44	3.58	4.28	1.04	-0.87	-3.65

RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.01	0.00	0.00	1.34	0.00	0.09	-0.04	-0.02	0.00	0.01	0.00	-0.01	0.00	0.03
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.01	0.65	-0.01	0.00	0.02	-0.03	-0.01	-0.02	0.02	0.02	0.00	-0.10
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.15	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-20.39	1.57	2.14	-3.52	-0.04	-0.76	-1.84	2.27	-0.69	-0.19	0.06	0.46	0.10	-0.48	-0.01	1.40
ACT1FORCE_SIN		0.00	10.57	1.34	1.14	-0.29	13.88	-1.16	0.17	0.53	-0.66	-0.53	-0.64	0.33	0.59	0.15	-2.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	-0.17	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		343.73	-15.34	-17.17	21.13	1.87	287.86	12.23	-0.09	-0.05	-0.02	0.16	0.15	-0.01	-0.05	-0.03	1.00
FA1IBVOLTAGE_SIN		0.00	-63.29	-12.36	-1.18	6.99	-1.14	4.91	-0.12	-0.21	-0.19	-0.80	-0.11	0.01	0.03	0.00	0.37
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.17	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		462.40	15.52	17.30	-21.14	-1.70	-288.78	-12.71	-0.06	0.08	0.12	0.09	-0.08	0.04	0.03	0.02	-0.95
FA1OBVOLTAGE_SIN		0.00	63.41	12.35	1.38	-6.83	2.82	-4.89	0.20	0.01	0.12	-0.46	0.00	-0.02	-0.02	0.03	-0.30
MRBLD1CB42P75_COS		-3969.06	-1317.72	-104.48	189.38	72.76	-175.42	60.18	-309.81	-12.48	-37.91	-0.41	-16.88	-7.23	-9.59	-26.50	-19.61
MRBLD1CB42P75_SIN		0.00	-273.67	-114.40	244.02	105.01	-250.10	53.68	-103.49	44.74	-1.35	-66.17	7.31	11.77	-14.87	22.67	-27.68

RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2802.27	-656.48	255.23	99.23	211.82	-75.10	82.40	-268.16	-45.24	-42.42	8.21	-13.11	-1.11	-0.62	-17.27	-13.94
MRBLD1CB70_SIN		0.00	-149.44	-136.75	253.77	292.21	-142.74	40.19	-84.05	67.66	5.46	14.19	3.03	10.18	-5.28	7.97	-22.84
MRBLD1CB120_COS		-543.30	-185.31	434.43	66.33	250.26	-17.35	155.39	-157.00	-44.09	4.60	13.20	21.85	9.11	2.12	-6.75	5.39
MRBLD1CB120_SIN		0.00	-16.01	-172.22	161.55	215.56	-43.94	31.17	-28.63	11.23	1.61	74.60	-2.85	-5.44	7.38	-0.84	-15.49
MRBLD1CB164_COS		-1975.90	-56.41	141.08	-5.95	87.96	22.62	58.46	34.70	-10.38	26.50	8.89	25.62	6.08	-4.27	8.60	7.16
MRBLD1CB164_SIN		0.00	29.85	-52.64	70.87	82.25	77.17	4.64	16.96	-16.46	-5.57	25.03	0.99	8.68	-1.29	-6.11	17.12
MRBLD1FB42P75_COS		3099.87	80.48	-493.44	514.67	-5.44	-534.94	188.53	-605.58	9.72	13.97	-5.10	49.75	-5.79	4.15	17.57	-78.65
MRBLD1FB42P75_SIN		0.00	6.11	-47.05	494.46	-437.53	-167.90	-26.47	181.11	-57.66	-55.88	-110.27	-11.74	-18.03	3.24	90.23	-22.25
MRBLD1FB70_COS		405.12	-83.56	-258.83	127.15	-3.81	-144.34	49.96	-107.17	1.63	-4.01	-3.29	-3.84	0.24	-0.49	-1.42	18.19
MRBLD1FB70_SIN		0.00	-155.53	-4.85	155.86	-124.56	-54.43	0.58	32.57	-0.56	2.73	1.81	1.50	2.27	-0.24	-18.64	5.06
MRBLD1FB87_COS		-85.24	-43.45	-204.87	42.67	-15.77	-36.31	-10.63	56.77	1.56	4.12	7.19	-5.71	2.36	-2.78	-6.78	13.16
MRBLD1FB87_SIN		0.00	-137.59	30.41	111.99	-35.64	-0.18	-3.08	-18.84	1.54	8.99	27.22	1.84	4.78	0.46	-17.95	5.87
MRBLD1FB120_COS		-461.93	-37.97	-294.69	43.26	-6.13	118.73	-63.52	155.13	-2.73	2.29	-1.60	0.79	-0.55	7.21	10.29	-20.03
MRBLD1FB120_SIN		0.00	-142.85	44.44	155.38	54.10	94.20	1.23	-41.08	7.26	-6.00	-16.93	-3.57	-4.48	-2.12	24.72	-9.57
MRBLD1FB164_COS		-108.40	-17.98	-415.69	126.75	13.48	97.27	76.81	-209.59	3.57	6.18	5.57	-0.51	6.74	-4.05	-7.29	12.91
MRBLD1FB164_SIN		0.00	-165.87	27.15	209.56	200.76	-13.64	-36.94	36.86	-11.21	15.85	27.18	1.15	2.19	0.32	-10.25	14.51

RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.62	-14.26	-252.58	83.83	30.47	-26.90	71.85	-189.88	-2.48	8.46	24.05	-6.82	1.12	5.15	9.44	-28.47
MRBLD1FB180_SIN		0.00	-120.44	6.92	102.95	125.09	-38.45	-43.59	37.98	-25.49	-0.03	50.30	-8.05	-2.91	2.22	30.57	-24.40
MRBLD1TOR51_COS		-1383.01	40.33	-47.87	61.43	-49.07	-164.46	35.69	-83.80	-3.57	-5.67	-0.77	2.04	5.11	-0.57	-4.95	10.44
MRBLD1TOR51_SIN		0.00	-33.66	-4.90	75.15	-13.71	-433.05	52.76	34.80	18.67	-6.70	3.56	-5.25	3.23	5.52	4.92	-18.36
MRBLD1TOR71_COS		-237.78	47.35	-48.47	39.29	-51.77	-136.05	24.67	-50.17	-5.77	-5.97	-3.61	1.40	3.43	-0.09	-4.56	5.93
MRBLD1TOR71_SIN		0.00	-37.98	-6.59	36.49	-9.73	-386.04	45.25	39.81	16.88	-4.89	6.69	-4.29	3.23	5.70	4.05	-15.52
MRBLD1TOR130_COS		-2.46	42.94	-21.08	22.94	-46.94	-127.40	23.56	-52.64	-1.99	-5.25	-0.29	1.13	-0.51	-1.07	-3.95	-9.45
MRBLD1TOR130_SIN		0.00	-27.62	-4.15	11.19	18.49	-313.97	28.15	27.22	12.19	-1.77	0.06	2.35	-0.46	-0.44	1.47	1.25
MRBLD1TOR164_COS		-203.72	30.79	51.31	-4.37	-22.31	-124.52	9.88	-20.26	-0.71	3.04	0.92	0.53	-2.23	1.71	-4.16	-13.68
MRBLD1TOR164_SIN		0.00	-10.29	-0.88	-34.04	-12.33	-205.13	13.99	18.10	2.68	0.68	7.19	2.70	1.62	-0.63	5.09	3.96
MRFBM1CB26P5_COS		-4728.82	-573.55	-87.34	81.09	-39.42	-28.36	0.77	-19.54	10.99	3.05	1.99	1.80	0.52	-1.30	-4.03	-0.61
MRFBM1CB26P5_SIN		0.00	-177.49	-15.08	8.41	-43.22	-59.48	5.73	-8.29	-7.80	-3.20	-22.51	1.54	-1.66	0.53	4.58	-4.58
MRFBM1FB9_COS		304.41	-23.72	237.27	-75.32	-18.57	33.64	-8.00	32.11	-0.46	-0.95	-3.37	-0.56	-0.38	0.04	2.11	-0.58
MRFBM1FB9_SIN		0.00	40.95	52.77	-173.13	37.53	34.44	-11.67	17.99	-0.35	0.99	0.72	-0.73	0.02	0.18	-0.47	2.35
MRFBM1TOR26P5_COS		-364.84	95.76	-0.49	0.30	-0.79	-0.55	-0.18	-0.02	-0.25	-0.03	-0.05	-0.01	-0.01	0.01	0.11	0.30
MRFBM1TOR26P5_SIN		0.00	-67.81	-0.37	0.46	0.26	-3.57	1.06	0.27	0.26	0.02	0.15	-0.12	0.11	-0.01	-0.08	0.13

RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1073.81	-1236.10	-189.60	229.88	-2.92	-191.20	69.20	-260.07	13.75	-14.48	2.40	-0.77	-1.69	-6.60	-26.29	-16.39
MRPC1CB33P25_SIN		0.00	-232.18	-74.29	178.38	-37.98	-223.96	48.28	-66.07	8.30	-7.73	-65.73	9.59	4.52	-7.48	26.27	-32.44
MRPC1FB33P25_COS		2255.89	33.65	-379.64	331.49	106.39	-380.22	160.85	-545.48	33.70	40.41	63.39	42.05	8.18	-0.34	-68.72	-27.70
MRPC1FB33P25_SIN		0.00	124.49	-105.43	506.30	-348.23	-267.37	32.19	-103.07	-37.46	-35.91	-79.96	25.33	-15.29	4.52	71.05	-83.35
MRPC1TOR25P5_COS		-804.61	-33.87	48.61	-73.09	71.92	148.16	-39.13	63.31	2.55	3.53	2.90	-2.47	-7.79	0.18	-8.61	-28.74
MRPC1TOR25P5_SIN		0.00	93.57	-43.01	-50.22	18.15	463.91	-58.62	-48.06	-18.61	5.23	-8.00	8.53	-3.74	-8.40	4.55	3.94
MRPLK1LOAD_COS		-91.39	11.12	6.28	-8.79	8.24	21.94	-5.69	10.14	0.48	1.19	-0.16	-0.03	-1.21	0.13	-1.52	-5.00
MRPLK1LOAD_SIN		0.00	-14.08	-1.92	-7.70	2.71	61.88	-8.70	-6.39	-2.86	1.13	-1.01	1.23	-0.82	-1.18	0.38	-0.66
PITCHRH_COS		10180.19	-8598.06	-404.91	-68.62	-52.15	-29.42	51.80	16.54	-115.58	-10.76	277.49	-64.71	43.63	-45.49	27.17	-343.87
PITCHRH_SIN		0.00	2275.17	-485.76	-10.61	104.01	-2338.66	-124.38	-176.08	-90.90	86.75	-96.34	-63.30	-15.80	-18.15	51.84	285.79
ROLLRH_COS		-158.78	-1828.67	493.59	-65.12	131.65	2537.11	105.95	-172.23	187.49	-103.94	190.85	-2.70	31.89	29.10	-30.61	-784.26
ROLLRH_SIN		0.00	-8387.88	-565.51	-4.10	340.06	-208.33	-293.32	94.78	-57.53	26.90	65.43	-42.30	59.94	-6.22	8.27	-331.21
TORQ_COS		31320.14	490.41	5.22	-4.11	-14.10	85.81	4.08	-10.12	-23.93	-3.62	28.13	-4.95	4.37	2.10	-10.02	14.44
TORQ_SIN		0.00	489.20	-11.16	10.42	-65.67	316.44	9.81	34.63	18.56	-1.97	84.24	9.85	-6.09	5.93	-8.28	3.41
THRUST_COS		5751.91	-66.80	9.22	4.62	-4.82	199.37	-2.68	-1.37	6.14	-2.60	-34.62	0.09	-1.32	3.28	-5.69	-3.12
THRUST_SIN		0.00	-10.60	7.16	-1.18	24.70	154.05	9.85	13.72	1.02	-2.07	36.07	-0.69	1.07	2.22	3.69	15.84

RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.69	-19.32	-12.77	-2.99	-72.51	-194.39	-1.73	8.09	-4.44	4.52	-4.39	-1.28	-1.36	-1.46	0.97	23.80
SIDERH_SIN		0.00	200.47	11.52	-7.58	-76.62	98.12	9.34	0.08	2.50	-2.11	-5.09	1.92	-1.91	-0.16	-0.46	9.82
DRAGRH_COS		-219.09	225.91	6.73	3.37	-19.61	216.44	11.67	0.59	6.52	4.17	-8.27	4.41	0.00	2.57	-0.40	14.35
DRAGRH_SIN		0.00	-47.56	16.53	-0.45	5.49	-191.68	-3.56	-11.70	0.05	-5.04	15.85	4.06	-0.07	-0.12	-0.97	-14.56

RUN	POINT	Harmonics															
52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	1.49	0.00	0.07	-0.05	-0.05	0.01	-0.01	0.00	0.00	-0.01	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.03	0.04	-0.02	-0.01	0.00	0.02	0.01	-0.02	-0.05
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-20.70	1.77	1.52	-4.27	-0.51	6.74	-1.92	2.01	-1.03	-0.71	0.10	-0.23	-0.13	0.17	0.03	-1.96
ACT1FORCE_SIN		0.00	11.01	1.73	0.78	-2.55	12.09	0.43	-0.38	0.56	-0.94	-0.36	-0.05	0.50	0.41	-0.45	-1.58
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	-0.16	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		344.53	-18.81	-13.93	28.88	7.15	246.55	11.99	0.05	-0.16	-0.08	-0.48	-0.12	-0.13	-0.02	0.22	0.36
FA1IBVOLTAGE_SIN		0.00	-65.18	-14.58	0.30	19.81	-140.91	-3.85	0.07	-0.07	-0.24	-0.55	-0.17	-0.02	-0.03	-0.03	-0.96
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.01	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.16	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		461.59	18.99	14.02	-28.89	-6.97	-246.83	-12.38	-0.11	0.07	0.17	-0.41	0.04	0.12	0.07	-0.18	-0.28
FA1OBVOLTAGE_SIN		0.00	65.28	14.55	-0.13	-19.81	142.24	4.10	0.08	-0.16	0.09	-0.28	0.09	-0.03	0.04	0.04	0.89
MRBLD1CB42P75_COS		-4007.95	-1482.19	-97.77	254.17	112.96	-291.51	58.66	-419.56	67.12	-92.99	-37.69	-42.83	14.49	-24.35	-18.88	-14.31
MRBLD1CB42P75_SIN		0.00	-328.40	-124.32	244.87	-40.37	-161.74	21.82	-8.94	58.27	95.52	-42.63	-30.24	11.96	-11.54	5.36	-12.46

RUN	POINT	Harmonics															
52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2794.96	-752.11	233.97	171.67	291.45	-179.33	74.62	-354.44	32.03	-86.22	37.12	-32.51	11.01	-11.00	-21.73	-13.24
MRBLD1CB70_SIN		0.00	-189.47	-150.30	260.37	83.54	-118.68	-55.96	9.17	87.69	108.18	-2.62	-18.32	6.63	-0.70	2.72	-16.52
MRBLD1CB120_COS		-520.57	-217.40	412.77	133.23	265.34	-67.89	155.20	-184.51	-41.03	42.76	66.72	34.72	-4.87	6.42	-6.11	-3.28
MRBLD1CB120_SIN		0.00	-33.40	-194.98	153.91	-17.16	-30.65	-124.03	33.22	7.76	-21.55	52.96	16.05	-11.64	9.59	3.14	-8.32
MRBLD1CB164_COS		-1970.25	-61.97	140.10	17.88	85.11	40.93	65.76	60.57	-38.41	73.70	16.91	31.54	9.90	-1.71	15.38	3.20
MRBLD1CB164_SIN		0.00	20.41	-59.00	62.30	-22.77	58.43	-62.65	15.03	-29.19	-63.68	29.87	15.37	4.68	-2.99	-3.41	9.02
MRBLD1FB42P75_COS		3126.95	115.14	-453.58	611.80	-356.54	-497.36	121.12	-689.18	-5.66	17.17	-23.01	20.85	-18.37	-5.27	5.11	-41.64
MRBLD1FB42P75_SIN		0.00	10.63	-38.22	363.29	-657.09	162.85	-73.19	373.27	-106.31	-74.61	-28.23	-31.36	-1.35	15.60	61.58	14.34
MRBLD1FB70_COS		401.98	-88.15	-236.82	156.09	-96.51	-138.80	38.67	-124.13	4.33	-2.22	-3.57	-3.35	1.82	0.79	-0.31	8.30
MRBLD1FB70_SIN		0.00	-155.76	2.03	118.52	-208.80	30.67	-12.90	71.88	-6.40	7.18	2.51	2.50	-0.25	-2.15	-11.47	-2.50
MRBLD1FB87_COS		-92.99	-44.71	-185.59	53.84	-51.04	-29.34	-5.59	64.83	3.12	5.73	12.84	2.20	4.41	0.03	-2.76	7.76
MRBLD1FB87_SIN		0.00	-138.35	40.70	93.47	-73.37	11.16	-1.06	-35.88	8.47	7.78	9.49	8.33	2.28	-1.96	-12.37	-1.72
MRBLD1FB120_COS		-477.17	-38.86	-281.07	52.42	13.42	137.23	-52.90	172.96	-9.78	-2.02	-3.86	-2.13	-3.40	3.41	5.88	-10.43
MRBLD1FB120_SIN		0.00	-147.44	65.26	137.71	71.37	19.25	22.63	-98.69	15.57	-7.21	-12.92	-8.22	-1.90	0.55	15.79	1.70
MRBLD1FB164_COS		-112.86	-26.52	-424.60	159.22	140.52	85.02	56.49	-234.86	13.64	11.36	8.86	3.61	9.45	0.08	-6.96	8.64
MRBLD1FB164_SIN		0.00	-159.86	43.40	174.35	333.68	-51.18	-49.83	115.47	-16.82	19.89	19.32	7.45	-0.65	-2.83	-8.14	4.77

RUN	POINT	Harmonics															
52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.53	-20.42	-260.90	104.41	111.27	-30.99	45.30	-209.98	4.04	9.88	36.65	5.94	0.07	7.23	14.15	-16.89
MRBLD1FB180_SIN		0.00	-121.06	15.14	85.46	207.16	-18.19	-64.18	103.28	-25.21	2.75	15.77	6.47	-4.40	1.31	21.74	3.72
MRBLD1TOR51_COS		-1381.82	35.67	-41.73	83.42	-55.63	-369.81	56.08	-97.56	2.64	-13.53	6.20	2.93	3.49	1.69	-8.11	-11.93
MRBLD1TOR51_SIN		0.00	-37.94	-4.52	64.51	-6.28	-300.76	36.93	77.10	21.96	-0.32	-1.90	1.59	1.97	3.50	3.55	-13.44
MRBLD1TOR71_COS		-239.26	44.71	-42.79	53.12	-50.98	-319.98	42.04	-55.72	-2.68	-12.09	4.32	3.61	2.89	2.69	-3.42	-11.45
MRBLD1TOR71_SIN		0.00	-40.51	-6.33	29.93	9.95	-275.01	35.12	71.84	20.84	-2.32	1.00	1.22	2.91	4.01	4.12	-8.11
MRBLD1TOR130_COS		-4.70	40.84	-17.83	29.83	-34.00	-277.22	30.32	-60.83	3.09	-8.55	-2.20	2.43	0.74	-0.40	4.30	-2.90
MRBLD1TOR130_SIN		0.00	-30.40	-5.46	8.50	49.46	-216.70	17.74	55.76	12.75	1.36	1.32	-1.32	0.74	-0.13	1.78	6.81
MRBLD1TOR164_COS		-204.21	29.71	52.70	-6.91	-23.71	-216.30	9.47	-20.46	0.54	3.46	3.40	2.11	0.52	-0.50	5.10	3.82
MRBLD1TOR164_SIN		0.00	-12.50	-4.11	-29.65	-17.83	-121.23	5.56	28.39	2.20	1.52	6.27	0.34	2.87	-0.11	3.77	11.19
MRFBM1CB26P5_COS		-4760.51	-652.40	-78.55	84.76	-46.03	-48.04	3.79	-28.87	11.92	2.04	-17.21	1.55	-0.80	-1.59	-1.51	-0.77
MRFBM1CB26P5_SIN		0.00	-204.91	-19.81	8.80	-22.13	-42.73	19.12	-3.91	-10.53	-8.50	-11.62	-1.19	-0.93	0.43	2.34	0.39
MRFBM1FB9_COS		339.33	19.40	218.09	-109.33	5.53	45.43	-12.54	44.33	-3.22	0.56	-2.11	-0.51	-0.08	0.55	1.68	0.29
MRFBM1FB9_SIN		0.00	33.39	49.14	-152.16	81.21	8.95	-8.45	12.83	0.22	-0.33	0.43	0.89	0.13	0.44	0.20	1.32
MRFBM1TOR26P5_COS		-364.80	96.40	-0.46	0.35	-0.33	-2.49	0.69	0.03	-0.22	-0.20	0.09	-0.12	-0.02	-0.02	-0.20	0.13
MRFBM1TOR26P5_SIN		0.00	-67.57	-0.31	0.42	0.56	-2.71	1.12	0.32	0.52	0.05	-0.03	0.11	0.06	-0.08	-0.03	-0.21

RUN	POINT	Harmonics															
52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1098.69	-1375.56	-173.50	278.34	-19.56	-276.27	71.37	-339.60	57.57	-39.29	-39.54	-15.67	6.96	-16.47	-18.59	-15.02
MRPC1CB33P25_SIN		0.00	-264.33	-81.61	168.52	-122.50	-109.60	30.25	10.88	3.54	44.05	-30.29	-15.26	5.62	-3.81	11.30	-11.16
MRPC1FB33P25_COS		2279.07	68.40	-350.99	432.18	-127.84	-434.79	118.83	-688.86	49.95	48.61	5.34	32.18	-10.65	-16.36	-49.39	-36.57
MRPC1FB33P25_SIN		0.00	136.00	-93.93	416.47	-615.06	4.12	-30.43	15.98	-82.50	-45.52	-31.93	-10.55	-12.44	5.67	41.25	-28.79
MRPC1TOR25P5_COS		-803.92	-23.64	39.75	-92.52	75.24	370.02	-65.54	69.50	2.91	9.50	-8.57	-3.59	-2.09	-5.41	11.01	0.44
MRPC1TOR25P5_SIN		0.00	100.18	-41.39	-39.08	-9.22	334.02	-45.42	-87.41	-24.52	5.38	-0.26	-7.89	-1.53	-4.44	2.52	18.13
MRPLK1LOAD_COS		-91.45	11.22	5.40	-11.39	9.49	51.41	-9.73	11.26	0.07	2.51	-1.73	0.32	-0.33	-0.39	2.75	-1.11
MRPLK1LOAD_SIN		0.00	-13.86	-1.86	-5.99	0.21	43.24	-6.33	-12.07	-3.67	0.45	0.64	-1.67	-0.22	-0.50	0.31	3.17
PITCHRH_COS		9335.91	-8622.72	-402.29	-84.12	-7.83	-1611.63	-54.45	-1.80	-32.86	97.02	579.00	-78.42	42.69	-40.35	1.80	-199.46
PITCHRH_SIN		0.00	2248.25	-473.63	-9.30	62.60	-2737.98	-96.63	-94.41	-71.47	85.49	-237.56	31.78	-14.31	10.49	-28.28	245.71
ROLLRH_COS		-78.68	-1812.98	499.90	-65.67	128.15	3333.23	-175.90	-31.61	127.32	-27.34	133.11	-63.37	48.27	-4.30	34.13	-588.02
ROLLRH_SIN		0.00	-8398.60	-593.24	3.90	148.97	-1915.47	-380.95	208.92	-99.04	163.62	136.23	-99.39	99.77	-87.22	32.23	-436.40
TORQ_COS		30799.06	473.33	3.82	-3.63	-72.65	264.47	-0.58	3.44	-28.52	2.46	97.73	-0.95	7.63	-2.15	-8.52	-14.15
TORQ_SIN		0.00	476.47	-20.71	0.58	-49.36	342.32	0.32	26.97	2.21	-0.51	27.81	12.42	-9.20	6.30	-8.80	2.70
THRUST_COS		5850.56	-66.84	9.41	-1.69	5.20	252.02	5.65	1.07	2.97	-0.02	-16.65	1.70	0.82	2.91	5.64	-17.56
THRUST_SIN		0.00	-13.25	6.30	-0.80	24.32	15.43	12.15	10.30	0.49	0.24	17.37	1.62	-4.15	-3.12	2.46	30.57

RUN	POINT	Harmonics															
52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.62	-15.33	-13.18	-6.21	-62.59	-150.90	4.66	4.80	-3.93	2.20	-2.15	1.57	-1.29	-0.57	-0.89	18.60
SIDERH_SIN		0.00	200.52	11.80	-6.86	-43.47	267.48	17.07	-6.11	5.30	-9.93	-11.71	5.55	-2.81	2.76	-0.91	11.79
DRAGRH_COS		-222.81	226.26	7.96	2.50	-23.71	31.99	18.31	-7.47	-0.31	-3.13	-23.77	7.78	-3.59	1.45	1.31	6.10
DRAGRH_SIN		0.00	-47.89	16.76	-3.44	5.34	-333.45	-19.38	-11.11	-4.24	-7.54	19.41	-1.46	-0.84	-0.31	0.01	-13.51

RUN	POINT	Harmonics															
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.66	0.00	0.05	0.00	-0.03	0.00	0.01	0.01	-0.01	0.00	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.34	0.00	-0.05	0.05	0.04	0.01	0.01	0.01	0.03	0.01	0.05
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.07	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-20.82	1.75	1.73	-5.02	-2.90	14.27	-0.27	1.94	-0.70	-1.12	-0.21	0.35	0.37	-0.52	0.17	2.23
ACT1FORCE_SIN		0.00	10.68	1.28	1.58	-3.27	-0.09	1.56	-0.89	0.93	0.21	0.57	0.36	0.40	0.45	0.13	1.92
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.01	-0.17	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		341.15	-20.09	-16.84	36.43	22.97	-0.41	2.70	0.14	-0.24	-0.16	-0.35	-0.09	0.06	-0.24	-0.14	-0.51
FA1IBVOLTAGE_SIN		0.00	-61.09	-9.64	-9.92	20.72	-281.65	-10.73	-0.23	0.15	0.04	0.62	0.14	0.01	-0.09	-0.05	1.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.01	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		464.97	20.19	16.88	-36.41	-22.97	1.44	-2.69	-0.02	-0.03	0.01	0.09	0.07	-0.10	0.21	0.11	0.45
FA1OBVOLTAGE_SIN		0.00	61.19	9.57	10.07	-20.93	282.54	11.14	0.31	-0.14	-0.20	0.59	-0.04	0.04	0.07	0.01	-0.94
MRBLD1CB42P75_COS		-3951.20	-1449.75	-119.13	351.39	50.44	-346.32	-15.18	-370.77	189.24	84.25	-62.95	-37.75	37.50	-21.08	-20.96	0.72
MRBLD1CB42P75_SIN		0.00	-300.74	-93.26	125.14	-217.79	106.66	-20.11	65.79	-6.89	194.06	21.29	-32.14	-25.59	-12.97	-22.59	-23.68

RUN	POINT	Harmonics															
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2809.53	-739.67	173.09	287.66	189.09	-269.38	-60.31	-317.52	141.78	103.81	14.54	-35.59	20.68	-12.65	-16.37	-14.93
MRBLD1CB70_SIN		0.00	-177.03	-116.25	149.25	-221.88	39.41	-159.89	100.64	5.51	185.74	-25.69	-16.37	-21.92	0.15	-14.98	-16.80
MRBLD1CB120_COS		-512.28	-227.81	340.41	236.29	81.71	-93.54	-21.25	-162.66	-46.06	-11.64	57.45	29.24	-25.65	8.79	-1.79	11.29
MRBLD1CB120_SIN		0.00	4.61	-172.56	53.47	-275.28	66.48	-292.66	75.78	-18.91	-69.67	-44.91	20.68	1.67	6.91	7.58	2.19
MRBLD1CB164_COS		-1973.18	-72.87	129.81	50.53	-16.35	55.15	10.98	53.81	-82.13	-40.18	18.16	36.89	-0.26	1.47	5.67	2.00
MRBLD1CB164_SIN		0.00	29.20	-61.47	22.30	-133.67	9.10	-142.21	10.03	-21.36	-132.57	-13.95	21.62	4.68	-0.56	1.07	15.65
MRBLD1FB42P75_COS		3109.68	100.76	-389.18	616.11	-775.44	-92.02	-64.67	-597.83	24.27	3.50	-51.59	21.61	-19.74	-11.31	-21.08	-6.50
MRBLD1FB42P75_SIN		0.00	33.04	-42.60	-7.11	-448.36	652.56	-45.56	321.04	-127.13	-29.66	42.83	-41.40	-1.74	-6.99	34.75	-51.10
MRBLD1FB70_COS		404.71	-93.23	-197.95	160.75	-227.99	-37.02	-1.81	-104.15	11.99	7.85	-4.26	-3.17	0.78	0.89	5.39	0.91
MRBLD1FB70_SIN		0.00	-143.58	2.84	6.09	-176.32	162.32	-13.40	69.22	-15.51	7.45	5.35	2.98	0.29	1.02	-6.86	11.89
MRBLD1FB87_COS		-93.05	-48.02	-149.70	47.21	-109.61	-7.20	3.49	55.25	-4.08	-0.36	17.25	1.20	5.47	3.68	4.39	2.10
MRBLD1FB87_SIN		0.00	-139.59	42.30	39.55	-69.74	21.26	-3.33	-30.08	14.85	-1.01	-9.36	9.37	1.63	1.68	-4.83	11.11
MRBLD1FB120_COS		-482.75	-32.04	-235.68	31.82	26.62	69.30	3.47	144.52	-13.55	-4.34	-1.61	-1.03	-4.98	-1.05	-5.52	-3.49
MRBLD1FB120_SIN		0.00	-177.03	77.90	79.15	61.89	-124.75	28.61	-95.94	24.65	-7.86	-8.80	-9.01	0.18	-2.52	4.87	-18.01
MRBLD1FB164_COS		-110.38	-10.37	-412.62	159.87	361.27	59.92	-1.28	-201.23	20.04	15.53	8.75	2.01	13.17	6.21	0.76	3.97
MRBLD1FB164_SIN		0.00	-204.57	59.39	64.83	308.50	-92.49	-22.98	108.87	-22.83	20.54	11.58	9.33	-3.71	-3.05	-2.23	8.11

RUN	POINT	Harmonics															
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.10	-9.37	-262.05	106.78	259.79	24.15	-26.30	-179.88	11.33	9.36	47.71	7.45	-4.78	-1.56	-8.75	3.54
MRBLD1FB180_SIN		0.00	-146.27	33.20	24.18	178.87	15.42	-40.07	92.38	-19.30	7.65	-21.72	6.31	2.85	-0.78	5.44	-20.97
MRBLD1TOR51_COS		-1386.36	32.06	-30.48	101.46	-34.71	-471.38	60.03	-87.58	25.24	0.65	8.01	3.74	3.85	-2.52	-4.58	13.75
MRBLD1TOR51_SIN		0.00	-37.94	1.14	24.34	22.52	157.36	-0.54	62.20	9.67	18.24	-2.26	-2.89	1.27	1.77	0.50	3.64
MRBLD1TOR71_COS		-241.51	41.26	-31.69	64.03	-15.77	-418.11	51.47	-50.60	14.25	-3.67	11.07	0.95	3.23	-1.51	-3.17	13.60
MRBLD1TOR71_SIN		0.00	-38.29	-3.41	7.87	39.83	126.24	7.34	56.55	10.72	10.80	-1.23	-2.22	3.96	2.27	-1.75	3.78
MRBLD1TOR130_COS		-7.88	40.32	-11.58	35.90	19.78	-344.33	26.32	-54.31	15.07	-2.18	-0.92	-0.23	2.75	-0.56	-1.26	-1.08
MRBLD1TOR130_SIN		0.00	-30.55	-4.00	1.33	69.51	117.10	1.61	46.61	1.28	9.47	0.56	-2.70	1.56	-0.84	-5.34	0.01
MRBLD1TOR164_COS		-203.70	27.31	51.41	-7.32	-19.22	-232.99	1.01	-17.34	1.86	6.85	10.19	-2.51	-0.58	2.21	-0.52	-4.65
MRBLD1TOR164_SIN		0.00	-8.21	-5.75	-14.66	-16.96	116.16	-3.17	24.37	-1.97	0.01	1.27	1.43	0.63	0.21	-4.09	-8.40
MRFBM1CB26P5_COS		-4731.29	-637.44	-76.55	90.17	-23.36	-58.30	15.93	-22.41	13.59	-8.82	-20.55	4.29	0.14	0.41	-2.09	7.28
MRFBM1CB26P5_SIN		0.00	-190.99	-15.01	-3.67	10.90	6.48	29.04	-3.89	-7.21	-4.39	10.89	-2.57	0.65	-1.37	0.57	-0.79
MRFBM1FB9_COS		309.74	9.68	187.75	-145.22	60.22	36.89	-9.70	39.45	-7.40	-1.50	0.81	-0.85	-0.62	0.06	0.81	-1.28
MRFBM1FB9_SIN		0.00	33.15	37.94	-63.05	82.84	-45.73	2.36	8.46	0.95	-4.43	1.29	0.71	0.53	0.85	0.69	0.47
MRFBM1TOR26P5_COS		-365.08	96.35	-0.32	0.38	0.70	-3.88	1.90	-0.11	0.14	-0.19	-0.13	0.09	-0.03	-0.05	0.12	-0.13
MRFBM1TOR26P5_SIN		0.00	-67.95	-0.36	0.30	0.46	0.94	0.59	0.03	0.62	0.29	0.07	0.18	-0.05	0.06	0.25	0.03

RUN	POINT	Harmonics															
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1078.93	-1351.90	-178.98	345.00	-74.07	-273.32	18.36	-290.34	126.92	50.44	-57.46	-11.15	17.38	-10.66	-19.45	10.21
MRPC1CB33P25_SIN		0.00	-233.76	-55.28	61.21	-166.53	155.31	0.80	45.26	-30.17	97.21	26.66	-22.23	-16.03	-9.62	-11.94	-20.26
MRPC1FB33P25_COS		2267.74	51.23	-303.51	502.98	-524.15	-240.39	-45.70	-594.07	83.51	22.29	-58.34	38.46	-8.81	-4.92	-45.59	40.67
MRPC1FB33P25_SIN		0.00	160.47	-93.92	113.90	-548.08	492.44	-68.79	15.30	-92.39	-12.67	1.07	-17.13	-14.10	-11.91	-1.18	-35.75
MRPC1TOR25P5_COS		-798.40	-22.59	25.03	-105.68	30.61	493.69	-83.15	62.37	-16.81	7.18	-12.73	-10.72	0.27	-0.40	-3.42	-6.96
MRPC1TOR25P5_SIN		0.00	106.33	-49.82	-4.32	-55.75	-144.24	-7.36	-67.95	-23.32	-10.51	0.86	-3.88	-3.84	-2.99	-12.67	-10.59
MRPLK1LOAD_COS		-90.20	11.55	3.42	-12.46	5.31	66.29	-11.94	10.22	-2.91	1.32	-0.57	-1.73	0.13	0.18	-0.55	0.13
MRPLK1LOAD_SIN		0.00	-12.19	-2.70	-0.97	-5.27	-21.70	-0.21	-9.42	-2.60	-2.87	0.33	-1.50	-0.05	-0.72	-3.16	-1.22
PITCHRH_COS		9464.13	-8644.63	-420.90	-84.66	66.16	-3371.92	-172.98	27.01	86.23	56.05	213.46	124.36	-24.83	20.68	-33.42	-314.42
PITCHRH_SIN		0.00	2272.62	-478.09	2.30	4.23	-1285.01	4.60	-124.18	-109.53	189.01	-850.86	122.84	11.46	18.22	-2.48	345.28
ROLLRH_COS		-61.98	-1855.29	488.78	-65.14	73.01	2253.26	-384.36	86.69	59.69	72.98	269.62	-200.54	159.75	-105.51	170.79	-292.46
ROLLRH_SIN		0.00	-8438.82	-632.79	10.89	-58.08	-3484.17	-186.64	97.28	9.80	95.85	73.85	113.79	-51.89	50.09	-144.39	-366.21
TORQ_COS		31351.15	478.85	4.73	-9.36	-102.82	497.40	-14.72	-6.36	-55.37	5.72	84.18	-3.05	1.78	-2.44	-10.43	-14.30
TORQ_SIN		0.00	515.27	-12.10	-4.96	92.23	185.54	-12.18	16.24	-10.57	-8.00	-70.18	14.35	-11.08	6.94	-12.07	43.14
THRUST_COS		5759.66	-70.75	6.38	-10.06	22.48	180.96	9.55	-13.95	-6.56	11.49	51.36	0.16	-6.52	1.46	-8.23	6.04
THRUST_SIN		0.00	-17.33	7.07	6.89	4.74	-271.03	6.70	11.93	-0.55	-5.21	14.52	6.63	1.65	-3.53	6.04	44.05

RUN	POINT	Harmonics															
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.22	-11.31	-13.15	-8.90	-49.81	70.10	17.10	0.10	-0.50	-3.79	-19.88	8.51	-5.59	3.39	-4.43	8.63
SIDERH_SIN		0.00	195.87	12.36	-3.10	-4.76	348.03	10.95	-4.40	3.60	-6.25	-10.03	-1.84	0.55	-1.23	4.53	11.90
DRAGRH_COS		-222.07	226.17	10.25	-0.78	-20.06	-285.09	9.30	-10.15	-9.31	-10.36	-22.62	-1.80	-0.98	0.75	-0.34	12.88
DRAGRH_SIN		0.00	-48.53	17.07	-6.86	15.53	-286.08	-48.37	-1.05	7.78	-11.21	54.24	-11.50	3.30	0.92	0.12	-14.84

RUN	POINT	Harmonics															
52	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.01	0.00	-0.01	-0.01	-0.02	0.01	0.00	0.05
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.49	0.00	-0.03	0.02	0.03	0.00	0.00	0.00	0.02	0.01	-0.08
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-20.88	2.04	1.36	-5.19	-4.52	12.55	0.53	0.77	-0.39	-0.71	-0.11	-0.04	-0.14	-0.08	-0.16	1.87
ACT1FORCE_SIN		0.00	10.85	1.65	2.20	-2.95	-7.21	2.02	-0.74	0.55	0.36	0.05	-0.04	-0.04	0.68	0.07	-1.96
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.01	-0.16	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.06	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		340.02	-21.74	-14.99	35.91	32.84	-143.88	-3.85	-0.03	-0.10	-0.12	0.52	-0.01	0.08	-0.15	-0.16	0.86
FA1IBVOLTAGE_SIN		0.00	-61.63	-10.94	-16.99	17.31	-242.39	-14.09	-0.26	0.29	0.03	0.52	0.04	-0.07	0.11	0.09	0.53
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.01	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		466.13	21.87	15.00	-35.88	-33.02	145.70	4.12	0.18	-0.12	-0.17	0.42	0.07	0.00	0.14	0.13	-0.77
FA1OBVOLTAGE_SIN		0.00	61.75	10.90	17.16	-17.48	242.31	14.38	0.25	-0.08	-0.08	0.26	0.04	0.10	-0.10	-0.06	-0.44
MRBLD1CB42P75_COS		-3963.18	-1669.52	-100.16	356.40	18.03	-240.00	-54.64	-182.23	146.54	160.72	-75.70	-13.06	21.03	-11.50	-17.80	-16.11
MRBLD1CB42P75_SIN		0.00	-421.37	-101.21	35.56	-231.02	229.70	-36.10	113.59	-45.26	108.80	17.14	-24.89	-40.97	-10.64	-18.99	-25.60

RUN	POINT	Harmonics															
52	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2804.34	-875.45	190.45	304.32	117.02	-210.29	-134.46	-158.94	108.72	175.43	-34.97	-15.91	10.36	-4.21	-13.54	-24.83
MRBLD1CB70_SIN		0.00	-267.62	-108.32	50.14	-264.79	151.50	-153.09	131.80	-33.18	83.51	-25.96	-11.64	-29.17	-0.46	-14.43	-13.59
MRBLD1CB120_COS		-510.43	-280.34	337.73	251.38	0.35	-52.99	-122.03	-71.91	-43.29	-44.90	22.94	18.19	-13.35	4.53	3.51	8.30
MRBLD1CB120_SIN		0.00	-26.08	-159.57	-36.15	-277.41	133.30	-273.12	76.55	-6.48	-48.83	-40.62	8.21	14.22	1.72	7.56	-11.40
MRBLD1CB164_COS		-1974.60	-90.48	132.27	50.34	-62.50	45.76	-31.94	30.32	-68.83	-99.15	16.85	27.32	-2.88	0.37	-2.35	9.82
MRBLD1CB164_SIN		0.00	26.73	-56.05	-7.05	-128.07	-3.55	-131.04	-3.68	-0.17	-75.32	-10.74	9.84	9.93	-0.77	8.26	14.85
MRBLD1FB42P75_COS		3111.67	162.88	-391.26	511.31	-802.72	192.66	-113.58	-240.18	13.79	6.43	-58.04	8.56	-6.20	-14.91	-11.69	-64.86
MRBLD1FB42P75_SIN		0.00	57.59	-74.09	-136.90	-226.02	639.94	-31.00	221.62	-77.45	21.58	56.25	-62.74	-23.20	-17.16	2.08	-34.53
MRBLD1FB70_COS		404.91	-97.17	-196.94	130.19	-247.34	39.99	-18.68	-38.90	8.07	9.18	-3.86	-3.60	-1.57	-0.14	2.23	13.51
MRBLD1FB70_SIN		0.00	-139.72	-12.84	-35.88	-114.86	164.10	-11.73	49.45	-12.17	3.01	7.14	4.92	3.18	2.08	-2.36	7.74
MRBLD1FB87_COS		-92.97	-51.72	-145.32	30.74	-122.98	5.18	4.30	23.00	-1.47	-4.26	18.69	2.53	4.85	5.07	3.90	13.02
MRBLD1FB87_SIN		0.00	-136.21	30.16	21.85	-47.38	17.48	-3.00	-22.84	9.53	-7.39	-14.25	12.65	5.47	4.54	2.43	7.12
MRBLD1FB120_COS		-486.27	-36.17	-219.15	7.94	19.12	-3.96	26.19	54.82	-8.46	-4.92	-1.47	-0.32	-4.09	-4.51	-6.15	-19.78
MRBLD1FB120_SIN		0.00	-183.15	68.54	67.38	49.87	-146.56	26.13	-67.51	18.10	-4.23	-7.16	-9.39	-3.56	-6.84	-5.24	-12.01
MRBLD1FB164_COS		-107.37	-10.34	-393.29	138.33	413.52	29.79	-13.76	-76.22	13.91	11.01	7.31	0.83	12.33	9.85	3.68	10.22
MRBLD1FB164_SIN		0.00	-217.45	46.91	27.78	218.86	-83.91	-8.45	76.54	-13.51	11.93	7.39	13.01	-0.29	0.88	4.91	6.72

RUN	POINT	Harmonics															
52	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.66	-7.12	-246.30	96.06	298.56	53.09	-43.01	-67.93	12.25	-0.77	43.84	6.92	3.66	-0.80	-10.03	-27.30
MRBLD1FB180_SIN		0.00	-153.05	27.23	-1.58	116.82	20.38	-21.03	58.22	-15.60	1.17	-28.28	12.41	6.12	-6.14	-2.74	-20.47
MRBLD1TOR51_COS		-1387.08	27.16	-20.06	98.16	-19.13	-331.68	52.99	-30.57	17.81	8.85	4.34	-1.18	1.81	-0.26	-2.06	6.79
MRBLD1TOR51_SIN		0.00	-41.77	-3.84	9.92	23.51	356.15	-18.41	47.96	-2.55	10.01	-3.51	-1.36	1.38	1.00	-3.58	-21.46
MRBLD1TOR71_COS		-242.57	38.57	-23.84	62.69	2.40	-299.11	48.71	-14.46	9.27	2.12	8.44	-3.24	1.81	-0.01	-3.40	6.90
MRBLD1TOR71_SIN		0.00	-39.64	-8.15	2.10	36.03	304.39	-6.93	39.94	0.07	5.90	-4.09	1.36	3.79	1.78	-0.76	-17.54
MRBLD1TOR130_COS		-10.07	37.01	-6.36	36.88	40.57	-240.35	22.34	-18.18	7.19	0.98	-4.26	1.36	3.05	-1.52	-5.19	-2.16
MRBLD1TOR130_SIN		0.00	-33.74	-7.35	1.56	56.98	261.91	-3.28	36.12	-3.57	7.73	-2.72	-0.66	1.00	-0.76	2.52	4.59
MRBLD1TOR164_COS		-206.62	24.18	52.18	-1.92	-17.47	-148.35	-3.31	-3.77	-0.70	3.67	7.31	0.84	0.68	1.26	-2.37	-8.23
MRBLD1TOR164_SIN		0.00	-10.87	-6.69	-7.16	-16.18	205.94	-3.90	17.02	-1.43	-2.02	-2.64	2.37	1.22	-1.70	1.42	7.19
MRFBM1CB26P5_COS		-4737.28	-743.04	-70.89	91.57	-2.58	-43.59	21.99	-9.93	9.37	-10.43	-9.70	4.33	1.37	0.18	0.11	3.95
MRFBM1CB26P5_SIN		0.00	-255.94	-19.73	-11.27	17.03	25.87	22.50	0.46	-6.24	4.43	10.23	-3.18	-0.27	-1.60	0.80	-5.12
MRFBM1FB9_COS		326.38	89.21	172.91	-133.90	73.67	15.72	-6.81	20.13	-5.58	-2.78	2.54	-1.65	-1.18	-0.32	-0.18	-0.91
MRFBM1FB9_SIN		0.00	40.16	53.17	-21.12	61.42	-57.58	7.35	-1.93	0.87	-3.79	1.91	0.74	0.71	0.70	0.72	2.00
MRFBM1TOR26P5_COS		-364.83	96.99	-0.30	0.45	0.76	-2.86	1.97	0.05	0.30	-0.02	-0.01	-0.02	-0.10	0.06	0.23	-0.04
MRFBM1TOR26P5_SIN		0.00	-67.62	-0.17	0.27	-0.01	2.77	-0.11	-0.12	0.35	0.17	0.29	0.03	-0.04	0.05	-0.09	0.04

RUN	POINT	Harmonics															
52	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1090.04	-1552.56	-166.98	342.80	-80.42	-158.44	-11.33	-134.86	90.53	83.46	-57.98	0.75	13.40	-6.85	-11.58	-9.43
MRPC1CB33P25_SIN		0.00	-328.85	-72.47	-5.79	-148.43	245.57	-20.04	74.76	-43.94	57.56	23.67	-22.97	-23.28	-10.65	-11.02	-28.47
MRPC1FB33P25_COS		2271.78	108.63	-301.79	442.61	-601.06	-13.17	-91.52	-273.95	49.72	3.05	-74.11	45.85	13.45	2.14	-13.13	-6.52
MRPC1FB33P25_SIN		0.00	184.40	-116.73	-12.60	-372.68	553.12	-69.65	79.70	-61.35	23.31	5.28	-39.02	-19.41	-19.30	-8.78	-74.97
MRPC1TOR25P5_COS		-796.86	-9.46	9.51	-101.11	6.00	354.02	-79.50	16.34	-16.26	0.93	-14.07	0.21	2.15	-2.92	-10.09	-8.56
MRPC1TOR25P5_SIN		0.00	113.74	-42.37	6.50	-52.12	-357.91	15.23	-47.73	-9.08	-6.07	-0.07	-2.55	-5.22	-1.87	4.66	12.74
MRPLK1LOAD_COS		-90.13	11.93	1.99	-11.66	2.60	46.54	-10.93	3.03	-2.52	-0.24	-0.93	-0.16	0.65	-0.64	-2.47	-0.56
MRPLK1LOAD_SIN		0.00	-12.09	-1.88	0.25	-5.10	-49.99	3.15	-6.65	-0.61	-1.96	-0.75	-0.62	-0.21	-0.49	1.04	0.99
PITCHRH_COS		8060.24	-8638.31	-426.44	-85.88	-8.79	-3320.90	-184.20	24.27	30.55	129.92	-229.86	156.16	-21.55	60.41	-9.98	48.95
PITCHRH_SIN		0.00	2290.61	-500.25	10.58	-3.20	-334.59	196.34	-119.15	-107.49	99.63	-610.30	71.56	32.49	2.87	-29.27	191.75
ROLLRH_COS		-277.26	-1847.22	479.40	-35.50	-121.63	1126.77	-456.98	72.51	33.25	-11.61	242.01	-64.63	91.39	-75.14	38.97	-203.40
ROLLRH_SIN		0.00	-8429.86	-628.03	-2.11	-54.73	-3563.01	-47.60	29.03	1.09	8.04	-59.22	181.50	-182.11	124.75	-189.24	39.21
TORQ_COS		31130.18	483.13	10.40	-17.83	-132.65	476.37	-19.67	-4.14	-48.28	2.40	31.53	-1.84	-0.94	-1.77	-12.50	3.17
TORQ_SIN		0.00	497.66	-17.99	-8.41	133.54	13.96	-14.04	12.02	5.13	-15.88	-61.12	10.46	-11.37	5.05	-9.36	37.32
THRUST_COS		5806.54	-69.81	6.27	-12.09	29.04	52.10	12.04	-10.62	-4.67	6.80	61.32	3.38	-3.31	-2.47	-1.13	33.38
THRUST_SIN		0.00	-18.74	7.23	11.29	-1.17	-326.80	4.80	10.36	5.33	-10.12	-25.06	-2.03	3.62	-2.45	12.98	8.25

RUN	POINT	Harmonics															
52	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.19	-18.04	-13.05	-7.10	-33.28	172.25	24.89	-1.26	1.25	0.33	-20.98	4.63	-4.10	2.43	-0.61	7.22
SIDERH_SIN		0.00	193.23	12.00	-1.13	-15.17	292.38	7.04	-3.65	1.71	-2.80	2.96	-4.09	4.78	-3.38	5.15	0.91
DRAGRH_COS		-231.85	225.86	11.22	-2.94	-18.05	-345.62	-4.13	-11.82	-3.11	-7.07	3.83	-4.59	0.92	-0.06	0.51	1.00
DRAGRH_SIN		0.00	-47.10	16.84	-5.65	24.02	-176.88	-63.24	4.77	10.39	-0.40	53.86	-10.35	2.99	0.74	4.17	-8.14

RUN	POINT	Harmonics															
52	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-0.84	0.00	-0.03	0.01	0.02	-0.02	0.00	-0.01	0.01	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.23	0.00	-0.01	0.00	0.02	0.01	0.01	0.01	-0.01	0.00	-0.04
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.19	1.89	0.80	-4.85	-5.67	7.17	1.46	-0.34	-0.04	-0.30	-0.22	-0.08	-0.14	0.34	-0.19	-2.08
ACT1FORCE_SIN		0.00	11.19	2.01	2.62	-1.44	-12.44	2.01	-0.42	0.40	0.62	-0.03	0.10	0.11	0.04	0.12	-1.64
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.02	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		341.34	-20.31	-10.51	33.16	39.43	-245.09	-11.53	-0.05	0.06	-0.07	0.57	0.06	-0.02	0.13	0.11	0.50
FA1IBVOLTAGE_SIN		0.00	-62.84	-12.28	-21.66	5.67	-138.20	-13.85	-0.03	0.14	0.09	-0.02	-0.01	-0.07	0.05	0.22	-1.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.00	0.10	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		464.76	20.42	10.48	-33.17	-39.71	246.34	11.92	0.16	-0.07	-0.18	0.55	0.09	0.04	-0.12	-0.09	-0.42
FA1OBVOLTAGE_SIN		0.00	62.99	12.31	21.78	-5.83	137.72	14.04	-0.03	0.15	0.13	-0.42	0.02	0.01	-0.06	-0.24	0.97
MRBLD1CB42P75_COS		-3992.61	-1626.79	-66.67	336.28	-55.92	-97.57	-84.96	-16.62	82.40	140.23	-42.77	28.65	3.14	2.59	-11.14	-19.95
MRBLD1CB42P75_SIN		0.00	-305.18	-80.77	-70.49	-149.59	269.84	-41.28	134.70	-53.21	4.55	28.05	-29.70	-29.04	-8.78	-17.67	-24.22

RUN	POINT	Harmonics															
52	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2788.69	-849.17	230.20	299.21	-36.17	-122.75	-192.17	-22.34	54.33	138.34	-28.03	17.70	-1.58	0.64	-7.94	-26.63
MRBLD1CB70_SIN		0.00	-197.61	-69.32	-54.85	-183.07	188.66	-93.80	135.05	-36.50	-19.73	18.42	-14.32	-19.81	-2.05	-12.55	-13.70
MRBLD1CB120_COS		-518.58	-271.37	362.63	251.14	-123.71	-2.38	-210.73	-1.93	-34.16	-42.42	-8.58	-4.64	-0.63	-4.05	6.33	-3.18
MRBLD1CB120_SIN		0.00	16.38	-120.33	-126.06	-151.88	135.99	-168.36	55.24	0.99	-16.68	-13.29	6.91	8.74	0.94	5.43	-6.55
MRBLD1CB164_COS		-1977.89	-94.00	132.17	44.15	-119.26	22.64	-73.67	8.52	-38.48	-79.53	0.12	3.66	2.85	-0.24	-1.55	8.35
MRBLD1CB164_SIN		0.00	48.45	-41.71	-40.67	-65.83	-22.68	-79.51	-18.65	8.06	-6.91	-13.92	3.78	8.64	0.09	11.56	13.28
MRBLD1FB42P75_COS		3112.98	155.40	-386.94	355.76	-635.27	434.92	-133.76	42.97	13.19	37.74	-37.00	15.87	10.60	-3.96	-20.22	-68.70
MRBLD1FB42P75_SIN		0.00	30.93	-111.37	-278.67	108.97	502.76	-9.84	115.02	-49.55	10.16	53.79	-72.92	-40.51	-25.84	-16.83	-2.07
MRBLD1FB70_COS		404.36	-94.83	-199.18	86.42	-213.78	105.23	-28.87	14.14	5.16	6.95	-1.99	-4.16	-2.15	-1.17	2.80	13.94
MRBLD1FB70_SIN		0.00	-134.64	-34.73	-89.05	-9.66	128.42	-7.05	27.64	-8.29	-0.85	6.45	3.96	3.98	3.75	3.10	0.26
MRBLD1FB87_COS		-91.95	-51.10	-149.60	8.73	-115.06	11.88	3.15	-3.14	1.06	-8.08	13.87	-0.62	0.26	1.91	5.40	12.85
MRBLD1FB87_SIN		0.00	-131.41	10.85	-5.45	-5.56	9.29	-1.16	-14.09	5.69	-2.50	-14.07	17.56	9.09	7.65	5.00	1.53
MRBLD1FB120_COS		-484.61	-34.12	-217.20	-24.34	4.28	-77.86	41.81	-17.12	-3.87	-4.22	-2.37	2.24	1.98	-0.96	-8.09	-19.16
MRBLD1FB120_SIN		0.00	-190.98	49.42	52.62	30.94	-128.45	19.03	-35.44	15.24	1.14	-4.58	-11.64	-6.80	-11.40	-9.75	-3.26
MRBLD1FB164_COS		-102.88	-0.31	-368.75	91.03	391.83	5.95	-17.53	19.42	4.81	2.91	5.62	-2.26	6.95	5.66	3.87	8.46
MRBLD1FB164_SIN		0.00	-245.07	26.83	-4.93	59.71	-62.99	-0.89	38.88	-12.60	2.38	3.10	21.10	4.42	2.51	6.00	4.78

RUN	POINT	Harmonics															
52	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.14	-4.32	-226.88	65.98	285.78	75.21	-52.00	18.88	11.61	-6.15	28.33	-0.46	11.22	4.97	-5.00	-29.71
MRBLD1FB180_SIN		0.00	-168.11	16.65	-17.91	16.21	13.46	-0.55	30.02	-12.53	5.42	-27.67	29.00	3.75	-11.09	-11.89	-0.02
MRBLD1TOR51_COS		-1385.93	30.17	-10.46	85.77	1.72	-107.57	34.98	14.54	14.67	11.85	2.00	-6.37	1.33	1.15	-3.01	-13.49
MRBLD1TOR51_SIN		0.00	-39.63	-9.06	-11.42	24.78	456.59	-49.81	30.02	-8.12	3.59	1.50	4.15	1.81	-1.82	-5.37	-17.67
MRBLD1TOR71_COS		-242.55	40.31	-17.85	55.90	22.21	-102.77	37.44	13.56	8.39	4.43	3.85	-7.88	-0.17	1.89	0.83	-12.31
MRBLD1TOR71_SIN		0.00	-38.62	-13.50	-9.35	24.51	398.02	-35.95	21.32	-4.47	3.39	-1.04	8.23	3.35	0.28	-0.51	-11.16
MRBLD1TOR130_COS		-10.28	38.22	-1.64	35.08	55.35	-75.30	16.48	10.26	4.11	3.08	-5.92	2.85	0.35	0.35	3.81	-1.65
MRBLD1TOR130_SIN		0.00	-34.66	-9.90	-1.43	29.26	334.46	-20.36	21.59	-3.68	5.83	0.78	4.04	0.69	0.55	5.31	9.23
MRBLD1TOR164_COS		-207.95	24.24	52.14	5.40	-13.54	-29.50	-6.47	6.28	-0.12	-0.39	3.26	2.71	1.27	2.22	5.25	4.19
MRBLD1TOR164_SIN		0.00	-9.73	-5.33	-1.37	-12.18	240.08	-8.87	8.57	2.08	-0.04	-2.10	3.77	1.09	0.17	3.00	11.07
MRFBM1CB26P5_COS		-4758.85	-719.85	-62.05	86.57	24.12	-17.07	25.06	0.88	6.04	-4.19	-4.18	3.46	2.36	1.39	0.86	1.40
MRFBM1CB26P5_SIN		0.00	-197.17	-15.81	-21.92	15.00	37.60	5.81	3.46	-7.11	8.04	0.66	-3.27	-0.54	-1.11	-0.62	-3.46
MRFBM1FB9_COS		335.41	55.04	158.88	-108.82	74.86	-8.27	-0.89	3.44	-3.84	-3.79	2.60	-2.72	-1.46	-0.87	-0.35	-0.22
MRFBM1FB9_SIN		0.00	9.97	68.83	29.20	18.14	-57.62	11.38	-8.93	0.62	-1.99	0.01	0.60	0.38	0.26	1.16	2.48
MRFBM1TOR26P5_COS		-364.86	97.03	-0.23	0.35	0.48	-1.07	1.21	0.05	0.20	0.12	0.16	-0.12	0.03	-0.07	-0.25	0.10
MRFBM1TOR26P5_SIN		0.00	-67.70	-0.23	0.23	-0.20	3.67	-0.86	-0.07	0.03	0.01	0.26	-0.20	0.03	-0.05	-0.15	-0.16

RUN	POINT	Harmonics															
52	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1116.28	-1519.09	-141.01	317.73	-80.48	-20.06	-37.51	-2.37	48.96	75.69	-35.07	22.96	9.06	3.44	-5.12	-16.41
MRPC1CB33P25_SIN		0.00	-232.50	-63.13	-89.27	-70.84	262.89	-36.40	86.21	-42.65	5.13	21.24	-25.49	-17.15	-7.61	-12.43	-24.61
MRPC1FB33P25_COS		2277.78	102.43	-292.00	341.10	-548.14	211.13	-112.94	-10.89	32.53	30.70	-56.79	59.73	33.89	17.06	1.92	-35.78
MRPC1FB33P25_SIN		0.00	156.45	-146.03	-156.28	-58.25	503.59	-51.88	108.07	-37.28	26.40	17.27	-39.46	-18.83	-18.29	-26.51	-59.16
MRPC1TOR25P5_COS		-799.13	-13.65	1.99	-86.90	-25.83	120.88	-57.14	-18.47	-17.00	-5.23	-11.12	11.49	-3.29	1.28	10.00	4.02
MRPC1TOR25P5_SIN		0.00	108.76	-36.30	22.85	-38.80	-473.05	52.37	-26.65	2.38	-5.22	-1.50	-3.58	-5.20	2.13	10.26	20.50
MRPLK1LOAD_COS		-90.34	11.79	0.90	-9.54	-1.31	14.64	-7.11	-2.36	-2.20	-1.38	-1.35	1.29	-0.72	0.37	2.68	-0.54
MRPLK1LOAD_SIN		0.00	-12.48	-1.04	2.53	-4.61	-64.39	8.19	-3.88	0.90	-0.84	-0.94	0.11	-0.55	0.36	2.34	3.35
PITCHRH_COS		8605.12	-8586.69	-411.92	-78.08	-76.17	-2420.62	-236.34	-20.50	-52.63	128.65	-149.08	128.54	7.67	92.17	-14.46	-3.39
PITCHRH_SIN		0.00	2281.69	-525.81	57.44	-48.18	948.20	388.48	-95.69	-17.25	-53.95	-315.92	-170.30	33.55	-52.34	-21.28	-261.12
ROLLRH_COS		297.85	-1829.67	478.09	0.78	-218.15	-1044.50	-424.87	137.04	31.09	-39.28	208.93	133.43	-28.42	18.72	-7.74	72.64
ROLLRH_SIN		0.00	-8405.49	-595.74	-28.64	-112.58	-2604.40	159.81	18.53	-3.18	15.21	-214.00	103.69	-113.61	112.34	5.98	251.13
TORQ_COS		30619.39	477.55	9.84	-26.56	-120.12	352.45	-16.58	-9.18	-32.83	-1.34	12.93	1.77	-0.22	-4.43	-11.42	-16.55
TORQ_SIN		0.00	508.70	-20.21	-0.68	124.43	-119.55	-6.11	2.44	27.48	-14.44	-12.19	10.53	-10.34	5.18	-10.34	44.03
THRUST_COS		5843.21	-69.77	5.17	-9.47	25.47	-97.46	10.97	-12.28	2.80	-6.02	25.55	-3.48	-0.55	0.21	8.93	-5.22
THRUST_SIN		0.00	-23.10	8.17	15.71	-5.33	-310.01	-3.36	8.26	5.66	-2.97	-27.96	-2.01	3.63	-5.04	4.65	8.85

RUN	POINT	Harmonics															
52	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.63	-21.43	-13.67	-4.34	-9.48	251.00	26.03	-3.70	2.05	1.78	-13.61	-3.27	-0.40	-0.08	-0.27	-0.75
SIDERH_SIN		0.00	199.12	11.78	2.00	-19.70	123.10	-0.21	-3.67	0.29	-1.53	13.89	-4.87	3.44	-2.78	-0.52	-7.55
DRAGRH_COS		-229.13	226.84	11.17	-5.14	-13.17	-290.79	-17.44	-10.31	3.42	-1.05	14.48	-6.67	2.98	-2.85	2.05	-1.03
DRAGRH_SIN		0.00	-46.81	17.56	-4.05	24.69	28.95	-57.25	6.19	9.03	5.57	39.08	3.16	3.30	2.20	-1.21	10.51

RUN	POINT	Harmonics															
52	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.01	0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.01	-1.49	0.00	-0.04	0.02	0.03	0.00	0.00	0.00	0.02	0.01	-0.08
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-21.07	1.90	0.99	-5.01	-4.64	12.52	0.43	0.87	-0.48	-0.77	-0.13	0.06	-0.08	-0.10	-0.35	1.72
ACT1FORCE_SIN		0.00	10.93	1.68	2.29	-2.57	-7.02	1.93	-0.96	0.61	0.40	0.12	-0.12	-0.06	0.70	0.09	-1.96
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.01	-0.16	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.06	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		339.64	-20.97	-12.23	33.93	34.33	-142.74	-2.25	0.01	-0.02	-0.07	0.37	0.08	0.11	-0.13	-0.15	0.94
FA1IBVOLTAGE_SIN		0.00	-62.68	-11.72	-17.69	13.90	-243.41	-13.00	-0.14	0.25	0.05	0.49	0.03	-0.03	0.06	0.00	0.40
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.01	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.06	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		466.49	21.09	12.24	-33.89	-34.49	144.59	2.50	0.12	-0.15	-0.22	0.53	-0.03	-0.06	0.12	0.15	-0.88
FA1OBVOLTAGE_SIN		0.00	62.79	11.70	17.84	-14.04	243.36	13.33	0.12	-0.03	-0.02	0.27	0.08	0.01	-0.06	-0.04	-0.38
MRBLD1CB42P75_COS		-3970.56	-1399.25	-61.97	375.62	-7.75	-259.43	-52.84	-206.39	158.39	167.80	-62.75	-24.84	22.74	-8.30	-10.12	-16.41
MRBLD1CB42P75_SIN		0.00	-262.17	-85.99	24.18	-208.17	214.76	-36.65	115.77	-62.13	96.80	43.01	-30.12	-42.11	-6.36	-11.91	-25.09

RUN	POINT	Harmonics															
52	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2802.19	-707.54	212.86	325.53	77.82	-226.30	-149.02	-179.61	113.63	179.03	-17.77	-24.38	10.36	-1.50	-7.89	-24.59
MRBLD1CB70_SIN		0.00	-161.35	-88.57	45.88	-249.23	129.31	-145.98	136.74	-41.88	72.00	-15.61	-11.15	-29.39	1.02	-7.12	-12.24
MRBLD1CB120_COS		-511.31	-218.76	350.52	268.68	-34.71	-57.14	-149.51	-87.44	-48.72	-49.21	12.23	22.39	-16.54	3.46	2.73	8.51
MRBLD1CB120_SIN		0.00	23.65	-141.14	-39.07	-255.07	111.22	-262.04	79.19	-0.40	-41.94	-52.47	12.75	14.73	1.27	8.66	-11.15
MRBLD1CB164_COS		-1973.55	-76.41	132.27	56.40	-79.37	45.07	-46.08	31.68	-73.66	-104.00	1.17	32.19	-2.17	-1.55	-6.73	8.45
MRBLD1CB164_SIN		0.00	40.11	-53.27	-11.84	-116.44	-9.33	-125.76	-3.06	7.44	-63.62	-16.12	12.33	10.38	-0.40	2.75	14.52
MRBLD1FB42P75_COS		3102.02	90.21	-363.05	528.27	-802.45	176.67	-113.39	-296.29	17.34	20.44	-48.79	0.82	-3.41	-5.93	8.82	-62.38
MRBLD1FB42P75_SIN		0.00	33.92	-85.59	-187.80	-136.33	646.65	-34.11	246.26	-92.58	25.00	100.26	-56.52	-14.04	-13.70	1.53	-29.97
MRBLD1FB70_COS		402.03	-96.01	-187.91	138.16	-249.43	34.43	-18.61	-48.11	8.57	9.32	-3.61	-3.42	-1.05	-0.79	-2.03	13.17
MRBLD1FB70_SIN		0.00	-136.40	-17.11	-54.53	-88.17	163.85	-12.68	54.30	-14.73	2.39	6.63	3.54	1.46	1.41	-1.66	6.83
MRBLD1FB87_COS		-94.31	-50.75	-142.76	34.35	-125.09	3.08	4.25	28.17	-2.08	-6.19	16.05	4.97	3.46	2.26	-0.40	12.51
MRBLD1FB87_SIN		0.00	-135.51	26.66	10.73	-37.72	16.20	-3.85	-24.51	11.87	-7.00	-22.86	12.23	3.90	3.76	2.75	6.65
MRBLD1FB120_COS		-484.94	-32.02	-220.17	10.15	19.14	-1.08	24.78	67.05	-8.45	-4.70	-0.44	-1.40	-2.67	-0.76	0.47	-19.07
MRBLD1FB120_SIN		0.00	-187.77	62.50	58.18	46.18	-144.68	27.77	-74.58	20.98	-4.29	-5.00	-9.00	-1.19	-5.84	-6.12	-11.09
MRBLD1FB164_COS		-108.08	-3.26	-379.90	144.06	425.67	43.98	-15.39	-99.70	11.22	11.87	7.82	3.44	11.05	4.75	-2.28	8.87
MRBLD1FB164_SIN		0.00	-232.26	38.92	19.87	181.28	-90.36	-11.42	83.48	-17.41	13.17	4.60	14.40	-2.16	-1.39	5.53	8.27

RUN	POINT	Harmonics															
52	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.81	-3.40	-236.44	99.62	308.38	60.12	-46.03	-87.33	12.67	1.95	41.54	11.24	2.76	1.52	-0.60	-23.72
MRBLD1FB180_SIN		0.00	-161.54	25.02	-0.55	93.89	12.38	-23.10	69.63	-14.95	3.28	-42.72	16.80	9.18	-4.77	-3.92	-19.31
MRBLD1TOR51_COS		-1386.23	32.60	-16.25	100.79	-16.29	-331.09	59.04	-38.36	20.03	8.84	5.41	-1.61	1.66	0.40	-1.38	4.61
MRBLD1TOR51_SIN		0.00	-38.30	-4.45	1.36	29.79	359.62	-27.92	49.47	-0.44	11.61	-4.18	-0.73	0.76	1.39	-0.82	-17.69
MRBLD1TOR71_COS		-242.09	40.57	-21.85	64.45	6.38	-298.25	54.99	-19.05	10.41	1.33	9.33	-3.19	1.45	0.38	-2.88	5.34
MRBLD1TOR71_SIN		0.00	-38.06	-9.04	-3.95	38.72	307.89	-15.22	41.29	2.64	6.87	-6.24	2.45	3.20	2.12	1.47	-15.26
MRBLD1TOR130_COS		-9.51	39.66	-5.70	37.38	44.80	-239.31	27.46	-23.04	7.96	0.05	-6.22	0.35	2.62	-1.29	-4.94	-1.48
MRBLD1TOR130_SIN		0.00	-32.03	-7.46	-1.98	54.99	265.01	-9.19	36.77	-2.61	8.04	-0.45	-0.19	0.82	-0.54	2.47	2.70
MRBLD1TOR164_COS		-205.43	26.37	49.39	-3.05	-18.11	-150.34	-0.30	-5.48	-0.90	3.38	7.47	0.15	-0.41	1.24	-0.62	-6.60
MRBLD1TOR164_SIN		0.00	-7.75	-4.90	-7.65	-13.85	206.40	-6.36	18.27	-0.67	-2.57	-3.03	4.21	2.15	-1.15	0.89	4.32
MRFBM1CB26P5_COS		-4741.76	-608.69	-54.27	91.11	0.58	-43.91	25.81	-10.81	11.71	-9.58	-12.40	3.74	1.17	0.13	0.56	3.80
MRFBM1CB26P5_SIN		0.00	-166.41	-16.00	-13.56	19.56	26.69	19.71	-0.54	-8.53	4.96	14.27	-3.83	-0.07	-0.79	1.22	-5.05
MRFBM1FB9_COS		313.75	-16.69	153.13	-142.87	78.45	16.72	-6.55	23.15	-6.31	-3.20	3.29	-1.28	-0.98	-0.33	-0.22	-0.73
MRFBM1FB9_SIN		0.00	29.66	52.57	-9.99	51.84	-56.61	8.68	-0.91	1.21	-4.14	0.53	1.07	0.55	0.33	0.08	1.96
MRFBM1TOR26P5_COS		-365.03	96.20	-0.37	0.41	0.77	-2.78	1.90	-0.05	0.30	0.03	0.05	0.02	-0.04	0.04	0.19	-0.05
MRFBM1TOR26P5_SIN		0.00	-68.14	-0.39	0.20	0.05	2.71	-0.29	-0.06	0.33	0.22	0.21	-0.01	-0.03	0.03	-0.11	0.11

RUN	POINT	Harmonics															
52	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1096.40	-1316.28	-129.48	354.85	-90.13	-176.95	-7.11	-156.86	102.11	89.42	-55.71	-7.11	13.53	-4.36	-5.38	-9.68
MRPC1CB33P25_SIN		0.00	-208.28	-60.63	-18.92	-122.83	237.96	-21.48	76.55	-56.53	54.02	45.80	-26.57	-23.38	-6.97	-4.90	-27.79
MRPC1FB33P25_COS		2265.15	42.76	-276.19	464.92	-622.06	-29.09	-90.70	-327.48	58.94	11.68	-91.29	35.60	7.91	5.46	0.82	-8.68
MRPC1FB33P25_SIN		0.00	155.23	-124.05	-51.44	-300.05	552.66	-70.04	75.96	-69.93	32.12	43.07	-39.13	-11.96	-11.60	7.40	-71.53
MRPC1TOR25P5_COS		-796.80	-23.76	10.07	-102.78	-1.27	352.71	-85.28	22.51	-18.64	0.86	-14.95	-1.42	1.48	-2.62	-7.23	-6.38
MRPC1TOR25P5_SIN		0.00	106.74	-44.64	13.26	-57.31	-362.44	25.47	-49.20	-12.16	-9.68	4.03	-2.24	-5.58	-2.04	4.38	6.97
MRPLK1LOAD_COS		-90.11	11.70	1.66	-11.87	1.77	46.37	-11.62	4.16	-2.80	-0.37	-1.24	-0.44	0.33	-0.55	-2.03	-0.33
MRPLK1LOAD_SIN		0.00	-12.40	-1.74	1.50	-5.98	-50.44	4.76	-6.86	-0.82	-2.40	-0.12	-0.50	-0.36	-0.54	1.07	-0.03
PITCHRH_COS		9863.72	-8604.66	-425.94	-85.77	-4.42	-3282.73	-296.70	66.52	29.41	177.87	-263.14	170.53	-11.93	55.52	1.56	203.85
PITCHRH_SIN		0.00	2285.48	-503.67	55.13	-18.94	-7.33	175.43	-97.25	-96.94	63.34	-548.95	7.04	35.35	36.43	-18.24	122.29
ROLLRH_COS		-44.25	-1846.06	477.17	-11.15	-117.39	502.68	-456.71	94.87	72.05	43.50	232.09	-16.09	76.95	-45.67	-31.06	-99.19
ROLLRH_SIN		0.00	-8432.12	-614.82	-5.68	-139.46	-3618.02	-33.44	37.63	25.51	23.34	-62.39	191.86	-172.99	111.53	-121.16	107.91
TORQ_COS		30931.95	484.35	7.74	-19.99	-117.23	486.51	-17.32	-12.24	-58.50	1.87	37.94	-1.41	1.96	-2.93	-11.75	0.71
TORQ_SIN		0.00	521.44	-17.85	-7.66	125.17	18.42	-7.56	12.89	17.54	-12.77	-72.52	10.01	-10.77	4.85	-10.93	44.57
THRUST_COS		5776.47	-69.01	6.10	-13.51	26.37	54.91	10.98	-13.36	-4.42	3.06	61.80	1.41	-2.21	-1.01	0.90	28.76
THRUST_SIN		0.00	-22.95	7.38	10.41	0.07	-328.14	3.48	11.75	5.51	-9.52	-36.55	-1.79	4.81	-3.97	10.57	4.70

RUN	POINT	Harmonics															
52	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.25	-18.50	-13.43	-7.38	-24.24	205.12	21.78	-1.21	1.34	-2.48	-20.20	3.17	-3.70	1.34	1.28	3.97
SIDERH_SIN		0.00	199.44	12.24	0.20	-5.58	266.54	6.10	-3.27	1.78	-2.59	4.16	-5.01	4.71	-3.03	3.17	-1.41
DRAGRH_COS		-219.70	226.70	11.49	-3.91	-16.92	-351.87	-2.26	-10.85	-3.68	-11.03	7.88	-6.91	1.43	-0.54	0.61	-6.29
DRAGRH_SIN		0.00	-47.53	17.46	-6.16	22.38	-124.17	-54.59	1.16	11.82	0.97	55.00	-7.87	3.12	-0.92	3.11	-5.09

RUN	POINT	Harmonics															
52	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-0.01	-1.35	0.00	-0.05	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	-0.05
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.65	0.00	0.01	-0.02	0.00	0.00	0.01	0.01	-0.02	-0.01	0.09
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-21.22	1.91	0.79	-4.66	-5.89	0.07	2.15	-1.05	0.28	0.09	-0.36	0.13	0.05	0.44	0.13	-1.80
ACT1FORCE_SIN		0.00	11.05	2.21	2.82	0.47	-14.64	1.12	-0.27	-0.10	0.37	-0.07	0.25	0.16	-0.45	0.01	2.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.02	0.17	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		340.88	-19.09	-9.61	29.74	37.77	-282.54	-15.53	-0.02	0.06	-0.13	0.11	0.04	-0.04	0.26	0.28	-0.86
FA1IBVOLTAGE_SIN		0.00	-62.63	-14.67	-23.21	-6.05	5.33	-6.54	0.14	0.12	0.02	-0.70	-0.06	-0.07	0.00	0.05	-0.50
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.16	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		465.25	19.23	9.61	-29.75	-38.14	283.37	15.98	0.13	0.06	0.03	0.08	0.02	0.04	-0.25	-0.19	0.85
FA1OBVOLTAGE_SIN		0.00	62.80	14.74	23.38	6.10	-6.99	6.47	-0.20	0.16	0.25	-0.57	-0.02	0.00	0.00	-0.08	0.35
MRBLD1CB42P75_COS		-3951.95	-1492.53	-69.10	276.81	-118.90	72.16	-108.09	150.22	10.05	53.66	36.20	43.47	-12.63	-10.48	-52.60	-4.90
MRBLD1CB42P75_SIN		0.00	-357.73	-85.52	-134.28	-32.72	264.84	-30.88	166.79	-35.51	-53.15	5.66	-31.94	9.61	-21.34	-37.90	-26.15

RUN	POINT	Harmonics															
52	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.90	-768.86	256.47	239.34	-166.95	26.80	-209.40	115.15	6.99	41.49	44.36	31.68	-11.85	-4.00	-36.50	-18.79
MRBLD1CB70_SIN		0.00	-220.86	-59.97	-117.36	-31.47	228.18	1.18	145.77	-15.86	-59.40	30.93	-23.31	4.65	-6.23	-27.58	-15.65
MRBLD1CB120_COS		-541.56	-242.49	383.04	194.19	-197.38	91.63	-238.54	75.71	-16.30	-16.16	-24.76	-14.06	8.75	-0.69	5.37	0.05
MRBLD1CB120_SIN		0.00	21.44	-101.88	-166.83	41.84	158.11	-9.09	43.85	8.84	3.65	24.67	8.51	-10.02	9.90	-1.80	5.40
MRBLD1CB164_COS		-1983.30	-87.97	131.73	22.59	-145.26	12.43	-89.75	-9.30	-6.56	-20.05	-34.14	-10.57	9.95	0.29	18.85	5.39
MRBLD1CB164_SIN		0.00	57.43	-36.72	-52.33	25.70	-14.48	-3.76	-34.96	8.26	24.31	-4.14	5.80	3.19	2.63	25.72	19.02
MRBLD1FB42P75_COS		3084.07	124.32	-429.56	196.68	-313.64	574.13	-146.81	360.30	-25.36	29.71	-9.05	22.05	6.36	-27.01	-119.38	-25.71
MRBLD1FB42P75_SIN		0.00	51.70	-132.50	-277.01	408.32	225.74	15.84	46.40	-8.50	-31.36	5.49	-55.54	-30.71	-2.16	40.73	-21.97
MRBLD1FB70_COS		403.27	-97.91	-220.98	38.49	-133.75	147.21	-33.86	73.51	-2.48	1.45	1.05	-3.88	-1.26	2.66	25.14	4.93
MRBLD1FB70_SIN		0.00	-131.30	-46.43	-92.51	93.56	59.12	0.80	12.65	-1.70	-2.47	3.10	3.46	4.14	0.30	-5.95	6.55
MRBLD1FB87_COS		-86.18	-55.97	-167.44	-10.17	-85.56	14.19	1.56	-32.26	6.74	-4.56	5.85	-1.23	0.68	7.58	25.23	6.24
MRBLD1FB87_SIN		0.00	-128.67	-2.60	-7.35	39.66	-2.32	-1.16	-8.92	-1.40	5.34	-2.76	15.05	6.23	2.92	-8.21	4.51
MRBLD1FB120_COS		-468.68	-37.93	-227.38	-47.47	-17.14	-131.48	51.56	-95.87	7.10	-0.49	-3.25	-1.06	-1.25	-6.91	-36.46	-7.10
MRBLD1FB120_SIN		0.00	-195.30	30.59	58.42	8.65	-80.83	6.17	-13.44	8.76	5.24	-5.22	-10.85	-8.68	-4.90	9.02	-8.78
MRBLD1FB164_COS		-101.09	-4.65	-365.16	41.55	297.84	-25.23	-13.75	129.52	-11.01	-2.94	4.02	4.58	6.08	6.39	16.92	2.83
MRBLD1FB164_SIN		0.00	-254.63	13.95	2.12	-98.98	-26.44	4.91	15.09	-6.42	-7.22	1.48	17.50	3.92	0.29	-3.82	5.54

RUN	POINT	Harmonics															
52	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-173.58	-6.54	-221.60	37.77	226.66	72.01	-49.29	114.48	-0.82	-5.97	3.11	-0.10	8.96	4.69	-36.74	-2.13
MRBLD1FB180_SIN		0.00	-173.44	7.47	-16.13	-82.67	-2.47	17.95	10.94	-11.52	2.93	-15.65	24.75	-2.65	-3.91	9.54	0.82
MRBLD1TOR51_COS		-1385.60	32.63	-13.64	63.71	19.77	144.34	-6.67	67.68	3.62	8.76	2.49	-3.91	1.18	0.58	-11.86	-13.43
MRBLD1TOR51_SIN		0.00	-39.63	-14.74	-19.69	19.25	437.96	-57.83	16.35	-16.80	-5.84	1.32	4.87	1.33	-0.80	-1.61	5.81
MRBLD1TOR71_COS		-241.92	41.06	-22.05	42.40	34.05	119.44	4.03	48.24	2.25	4.56	0.52	-3.62	1.20	2.64	-3.15	-8.59
MRBLD1TOR71_SIN		0.00	-38.02	-18.06	-14.08	5.25	387.04	-45.08	5.37	-12.63	-2.35	0.26	8.03	1.33	0.97	-2.95	8.39
MRBLD1TOR130_COS		-8.95	39.53	-3.48	29.42	56.84	108.89	-4.15	43.65	-2.15	4.64	-1.42	6.75	1.31	-0.74	6.77	6.11
MRBLD1TOR130_SIN		0.00	-34.49	-12.08	-4.02	-4.94	321.00	-23.20	9.54	-7.84	0.88	2.74	4.77	0.74	-0.16	-5.65	4.81
MRBLD1TOR164_COS		-207.21	25.20	51.59	10.96	-8.43	98.17	-14.88	17.00	0.65	-1.76	1.28	5.24	3.43	0.04	1.47	13.58
MRBLD1TOR164_SIN		0.00	-8.84	-3.37	-1.95	-6.47	214.62	-5.14	0.86	1.68	2.86	0.06	2.42	-0.45	0.72	-8.48	-3.64
MRFBM1CB26P5_COS		-4727.66	-653.75	-71.96	81.88	39.74	3.49	19.92	11.30	-1.34	2.51	-5.32	1.81	2.30	-1.71	-4.38	4.51
MRFBM1CB26P5_SIN		0.00	-220.05	-19.64	-30.12	1.16	32.70	-12.65	7.22	-6.36	3.87	-8.43	-1.58	-0.01	-2.21	-3.51	-1.54
MRFBM1FB9_COS		303.84	35.21	177.24	-70.32	57.47	-31.71	6.81	-12.62	-0.71	-3.00	-0.68	-2.41	-0.49	-0.18	1.74	-0.41
MRFBM1FB9_SIN		0.00	51.05	85.43	44.35	-30.60	-43.61	13.15	-18.17	0.70	0.54	-1.27	0.51	0.14	1.29	3.56	1.54
MRFBM1TOR26P5_COS		-364.89	96.54	-0.32	0.21	0.16	1.05	0.16	0.21	0.03	0.05	0.13	-0.33	-0.08	-0.02	-0.21	-0.18
MRFBM1TOR26P5_SIN		0.00	-67.62	-0.19	0.36	-0.59	3.73	-1.16	0.08	-0.10	-0.10	0.10	-0.11	0.05	0.03	0.42	-0.14

RUN	POINT	Harmonics															
52	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1078.31	-1399.17	-147.64	266.30	-67.63	116.62	-64.72	133.89	-5.69	33.46	11.39	30.77	-0.67	-8.58	-46.78	1.25
MRPC1CB33P25_SIN		0.00	-283.12	-66.67	-136.14	10.60	219.72	-44.01	111.26	-27.77	-30.49	-3.06	-21.61	3.79	-14.47	-32.25	-21.90
MRPC1FB33P25_COS		2250.95	75.72	-321.07	208.86	-358.07	392.33	-127.72	262.28	-15.69	43.56	-5.35	55.76	24.16	-16.06	-106.18	7.63
MRPC1FB33P25_SIN		0.00	169.49	-168.92	-182.62	263.87	321.45	-31.27	179.65	-19.41	-10.59	-0.24	-24.49	-14.87	-21.85	-81.74	-37.14
MRPC1TOR25P5_COS		-799.24	-17.72	4.77	-65.56	-46.76	-142.92	-8.60	-63.52	-7.11	-7.95	-1.85	14.13	-1.83	-2.43	10.53	23.44
MRPC1TOR25P5_SIN		0.00	106.66	-32.81	27.03	-14.60	-462.33	64.31	-8.55	15.39	1.67	-0.24	-4.36	0.14	0.05	-21.08	-4.24
MRPLK1LOAD_COS		-90.16	11.79	1.37	-6.55	-4.51	-21.08	0.19	-9.29	-0.72	-1.12	-0.67	2.29	-0.09	-0.09	3.40	3.58
MRPLK1LOAD_SIN		0.00	-12.76	-0.40	2.83	-2.64	-61.81	9.30	-1.74	2.05	0.73	-0.29	0.01	-0.28	0.00	-4.51	0.79
PITCHRH_COS		9041.55	-8603.67	-405.49	-47.76	-127.60	-917.52	-40.53	-54.34	-77.72	15.27	79.32	-92.20	35.57	-70.44	32.58	-552.33
PITCHRH_SIN		0.00	2271.82	-535.39	80.68	-50.84	1808.75	433.45	-49.64	100.18	-37.71	-33.62	-188.00	49.54	-129.87	6.00	-388.80
ROLLRH_COS		-363.64	-1817.51	484.95	-12.36	-325.15	-2603.64	-173.70	102.68	10.22	18.96	88.98	151.76	-24.87	57.26	9.25	322.45
ROLLRH_SIN		0.00	-8412.63	-584.13	-68.92	26.45	-707.36	144.08	-48.76	-9.91	92.49	-241.54	-111.33	53.37	1.79	-5.93	-661.32
TORQ_COS		31228.09	485.92	10.46	-23.57	-48.55	183.39	-14.16	-12.91	-1.04	-2.36	27.34	2.42	1.22	-1.44	-12.60	-1.17
TORQ_SIN		0.00	495.44	-15.58	17.05	120.28	-226.55	3.80	0.07	28.98	-8.76	28.69	10.13	-7.67	7.59	-10.03	58.18
THRUST_COS		5743.13	-69.21	5.00	-5.42	14.16	-223.98	3.43	-10.31	5.86	-0.81	-2.27	3.84	1.82	-3.40	3.44	11.64
THRUST_SIN		0.00	-17.36	8.54	19.11	-9.23	-213.61	-3.51	13.69	-0.56	0.89	-4.51	3.31	-2.47	1.54	-0.37	46.62

RUN	POINT	Harmonics															
52	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.62	-20.58	-13.73	-0.23	1.49	238.75	12.14	-5.08	1.31	-1.16	-2.85	-7.25	0.34	-1.24	-0.31	-9.66
SIDERH_SIN		0.00	200.66	11.57	1.87	-49.08	-73.00	-4.07	-0.34	-1.17	-4.68	13.28	3.33	-0.50	-0.39	0.41	18.75
DRAGRH_COS		-228.83	226.39	10.62	-5.93	-9.88	-155.68	-31.43	-0.45	9.61	2.10	10.51	4.95	1.79	3.35	-3.08	23.19
DRAGRH_SIN		0.00	-47.32	16.04	-0.85	28.37	190.31	-40.35	10.61	-0.76	0.56	9.00	10.09	-1.92	4.71	-1.66	20.03

RUN	POINT	Harmonics															
52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	0.00	-1.49	0.00	-0.04	0.02	-0.01	-0.01	-0.02	0.00	-0.01	0.01	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.02	-0.01	-0.01	0.01	0.00	0.01	0.01	0.00	0.03
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.63	1.79	1.07	-4.01	-5.26	-7.52	2.54	-1.22	0.62	-0.02	-0.43	-0.36	-0.06	-0.16	0.50	2.06
ACT1FORCE_SIN		0.00	10.98	2.21	3.19	2.23	-12.89	-0.16	0.08	-0.09	-0.14	0.31	0.17	0.38	-0.04	0.31	1.63
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.16	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		343.33	-18.12	-12.49	22.28	32.30	-239.90	-17.64	0.04	0.18	-0.03	-0.46	-0.05	-0.12	-0.04	-0.01	-0.29
FA1IBVOLTAGE_SIN		0.00	-62.04	-13.67	-25.94	-18.40	145.11	4.02	0.13	0.00	0.00	-0.45	-0.20	-0.02	-0.05	-0.01	0.93
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.15	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		462.81	18.26	12.50	-22.28	-32.65	239.78	18.02	0.03	-0.01	0.19	-0.43	-0.02	0.13	0.03	0.02	0.26
FA1OBVOLTAGE_SIN		0.00	62.21	13.76	26.09	18.59	-146.94	-4.31	-0.20	0.10	0.12	-0.30	0.06	0.04	0.07	0.01	-0.84
MRBLD1CB42P75_COS		-4012.46	-1370.39	-60.18	217.45	-138.83	203.63	-105.98	251.12	-14.86	-21.52	64.76	23.25	12.90	-18.02	-55.97	1.20
MRBLD1CB42P75_SIN		0.00	-242.73	-72.25	-163.06	82.80	179.06	1.02	153.29	-1.32	-12.88	-40.81	-26.84	21.51	-38.98	-61.75	-32.69

RUN	POINT	Harmonics															
52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2762.75	-692.73	292.86	179.10	-228.60	137.36	-185.48	207.89	-4.19	-24.89	72.35	20.03	4.33	-7.18	-41.77	-14.30
MRBLD1CB70_SIN		0.00	-147.62	-43.18	-147.51	134.37	192.70	97.47	119.91	6.00	-2.84	-25.76	-24.05	13.18	-22.65	-44.22	-19.56
MRBLD1CB120_COS		-556.30	-207.74	422.11	142.44	-197.57	146.83	-220.22	130.30	-6.01	13.94	4.93	-8.89	-4.21	3.45	4.02	13.97
MRBLD1CB120_SIN		0.00	39.56	-82.20	-190.28	220.74	127.82	142.83	24.53	-1.80	-6.02	54.08	13.37	-17.81	14.26	-1.39	0.54
MRBLD1CB164_COS		-1987.30	-79.17	134.30	5.77	-138.96	-9.74	-88.39	-18.57	3.99	30.43	-19.14	-9.32	6.60	0.60	19.15	3.41
MRBLD1CB164_SIN		0.00	62.38	-34.88	-59.93	110.11	-3.23	63.86	-39.17	-7.19	-6.05	46.88	12.36	-1.52	11.07	33.62	22.43
MRBLD1FB42P75_COS		3105.86	92.54	-456.11	83.77	26.96	597.22	-117.04	503.91	-52.53	-7.63	92.73	25.15	2.97	-43.25	-159.26	-26.56
MRBLD1FB42P75_SIN		0.00	22.97	-149.49	-229.14	557.14	-83.74	77.59	-29.23	19.17	-54.43	-26.00	-21.81	-30.72	-10.57	18.94	-71.51
MRBLD1FB70_COS		404.13	-92.94	-237.70	3.22	-39.39	157.60	-27.73	101.36	-4.82	-1.99	-0.52	-4.69	-0.17	6.13	34.19	6.98
MRBLD1FB70_SIN		0.00	-131.75	-56.36	-84.19	150.06	-24.07	16.94	-1.53	5.84	0.67	0.13	2.84	3.96	2.21	-2.39	17.73
MRBLD1FB87_COS		-83.73	-53.84	-185.74	-23.99	-50.03	6.77	-0.94	-43.94	11.60	3.89	-14.76	-0.14	-0.57	11.32	32.76	4.62
MRBLD1FB87_SIN		0.00	-125.51	-12.98	-2.75	67.96	-13.96	-3.85	-2.80	-6.55	7.56	6.58	7.79	7.18	3.94	-3.32	11.81
MRBLD1FB120_COS		-463.27	-39.47	-243.25	-58.93	-36.95	-157.72	46.37	-136.90	10.12	0.52	0.24	-0.19	-0.07	-10.09	-48.02	-7.24
MRBLD1FB120_SIN		0.00	-185.19	13.91	74.55	1.09	-6.80	-15.34	9.87	0.94	3.82	-7.08	-7.72	-9.22	-5.92	4.87	-20.05
MRBLD1FB164_COS		-94.77	-4.64	-359.81	4.89	171.08	-32.47	-2.43	188.88	-11.50	-2.59	-5.80	7.11	5.49	7.01	22.90	3.08
MRBLD1FB164_SIN		0.00	-250.90	4.02	28.71	-198.59	14.55	11.97	-9.61	-1.66	-8.50	4.33	10.90	5.81	1.96	-0.80	11.42

RUN	POINT	Harmonics															
52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.67	-7.77	-215.67	12.70	143.52	63.12	-34.21	163.18	-3.90	6.96	-37.91	7.62	7.41	1.58	-52.03	0.34
MRBLD1FB180_SIN		0.00	-167.59	3.60	-2.27	-145.29	-25.73	33.51	-9.25	-12.97	-6.39	0.62	5.46	3.09	-0.98	3.95	-24.79
MRBLD1TOR51_COS		-1382.90	37.73	-17.25	45.82	27.84	347.13	-40.88	97.25	2.86	2.77	0.23	-0.71	-0.44	-0.23	-5.91	11.20
MRBLD1TOR51_SIN		0.00	-36.35	-19.24	-21.87	8.99	309.62	-46.69	5.71	-12.92	-7.36	-1.00	3.95	3.26	0.34	-7.24	6.38
MRBLD1TOR71_COS		-239.76	44.75	-26.60	32.13	34.32	300.39	-25.12	66.61	3.66	1.47	-4.83	0.43	-1.38	1.59	-2.24	11.63
MRBLD1TOR71_SIN		0.00	-36.59	-22.55	-16.30	-14.22	278.21	-39.37	-3.49	-9.83	-4.20	0.33	5.07	2.29	2.59	-6.00	4.05
MRBLD1TOR130_COS		-6.51	42.32	-6.52	24.63	43.02	255.39	-21.43	60.02	-2.03	0.90	4.01	5.04	1.13	-1.84	-1.86	0.74
MRBLD1TOR130_SIN		0.00	-33.20	-14.08	-5.73	-32.65	226.03	-16.73	2.83	-3.63	-0.64	8.67	4.37	-0.31	-0.18	-4.41	-4.15
MRBLD1TOR164_COS		-207.25	27.86	50.66	15.05	-5.41	192.21	-20.24	19.83	2.03	-1.46	-0.76	6.18	3.34	0.17	-7.97	-2.73
MRBLD1TOR164_SIN		0.00	-8.01	-2.11	-6.13	-3.80	133.90	2.07	-3.66	2.25	5.39	3.71	1.79	-1.86	-0.61	-9.18	-12.81
MRFBM1CB26P5_COS		-4766.98	-592.21	-75.12	75.90	47.68	25.84	13.42	15.13	-5.05	3.27	-3.02	0.20	2.72	-2.13	-3.46	7.59
MRFBM1CB26P5_SIN		0.00	-159.99	-14.42	-34.45	-15.60	17.37	-25.77	8.79	-3.07	-3.71	-1.34	0.24	-0.59	-2.31	-6.38	-4.18
MRFBM1FB9_COS		322.26	-24.04	188.34	-38.15	30.23	-46.98	13.19	-22.44	0.98	-1.16	-4.27	-1.49	-0.81	-0.50	0.80	-1.58
MRFBM1FB9_SIN		0.00	31.78	93.21	42.95	-64.61	-22.32	9.23	-20.70	0.45	1.02	-2.39	-0.02	-0.50	2.07	4.71	1.52
MRFBM1TOR26P5_COS		-364.87	96.17	-0.26	0.17	-0.29	2.87	-0.72	0.45	-0.02	0.05	-0.10	-0.28	-0.07	0.05	0.16	-0.14
MRFBM1TOR26P5_SIN		0.00	-67.82	-0.48	0.38	-0.85	2.94	-1.24	0.15	-0.10	-0.01	-0.32	0.01	0.12	0.10	0.35	0.25

RUN	POINT	Harmonics															
52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1120.37	-1289.92	-144.97	214.98	-38.79	217.89	-74.67	210.13	-24.43	-8.46	42.21	16.37	13.01	-14.10	-50.21	12.93
MRPC1CB33P25_SIN		0.00	-187.77	-53.00	-153.82	75.97	118.07	-26.13	102.93	-3.45	-16.36	-17.35	-13.14	7.82	-26.63	-55.29	-31.27
MRPC1FB33P25_COS		2270.88	47.98	-336.75	106.77	-114.56	488.23	-119.58	403.78	-47.33	24.61	87.60	35.73	23.12	-20.87	-116.12	47.38
MRPC1FB33P25_SIN		0.00	139.30	-185.10	-163.85	467.45	85.32	30.84	178.79	-8.98	-44.98	33.25	1.36	-17.08	-41.22	-128.97	-66.08
MRPC1TOR25P5_COS		-801.53	-27.48	12.72	-48.51	-51.31	-360.30	33.44	-89.25	-6.08	-8.04	8.55	8.09	1.88	-4.30	-10.61	0.32
MRPC1TOR25P5_SIN		0.00	100.91	-28.82	26.85	13.02	-335.58	55.57	2.82	13.69	6.63	4.66	-3.56	-3.65	-4.81	-19.08	-23.88
MRPLK1LOAD_COS		-90.84	11.60	2.07	-4.30	-5.89	-50.00	6.09	-13.43	-0.60	-0.92	0.86	1.73	0.18	-0.49	-1.08	0.97
MRPLK1LOAD_SIN		0.00	-13.27	0.01	2.64	0.16	-43.86	7.64	-0.16	1.64	1.12	1.66	-0.15	-1.08	-0.68	-3.92	-4.15
PITCHRH_COS		10014.54	-8616.25	-391.27	-5.22	-181.40	644.76	130.86	-113.05	28.02	-71.87	444.57	-194.54	34.09	-99.89	88.85	-769.88
PITCHRH_SIN		0.00	2268.35	-533.54	80.42	-50.70	2128.74	412.93	-24.47	136.91	-128.68	-31.60	-56.95	-21.86	-20.57	-85.35	-309.34
ROLLRH_COS		33.07	-1832.96	484.53	-21.79	-400.14	-3121.89	-55.51	86.01	44.90	115.17	62.19	-12.32	59.36	-60.21	43.26	146.21
ROLLRH_SIN		0.00	-8408.05	-574.23	-97.95	185.96	1112.83	170.50	-106.00	14.33	37.48	-62.03	-187.67	57.12	-80.24	47.25	-968.75
TORQ_COS		30507.56	496.26	8.20	-17.95	-9.83	2.58	-13.51	-11.10	4.39	0.72	34.47	6.77	3.35	-2.17	-12.70	10.29
TORQ_SIN		0.00	514.74	-22.26	19.29	104.00	-227.43	9.63	-0.77	9.25	-4.60	11.81	6.50	-5.95	5.25	-10.04	66.70
THRUST_COS		5808.84	-72.52	5.55	-2.65	5.55	-295.38	1.30	-2.95	1.36	7.66	-49.13	10.80	2.35	-7.37	3.26	25.34
THRUST_SIN		0.00	-17.16	8.36	18.93	-7.45	-82.10	-0.28	20.35	-2.02	6.61	4.70	-6.70	-2.70	4.52	4.08	28.72

RUN	POINT	Harmonics															
52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.78	-17.73	-14.16	3.85	2.55	174.87	7.53	-5.55	-2.00	-6.23	-0.11	-1.93	-1.04	1.29	-0.50	-4.76
SIDERH_SIN		0.00	200.59	12.43	1.41	-82.74	-229.56	-1.54	1.98	-1.54	-1.33	1.89	8.22	-1.14	2.11	-1.57	30.33
DRAGRH_COS		-219.71	227.02	11.11	-4.92	-7.28	5.58	-37.68	7.05	4.90	-1.99	-11.47	13.09	-0.50	5.41	-4.35	38.45
DRAGRH_SIN		0.00	-47.57	15.71	1.86	28.51	302.52	-28.20	7.74	-7.62	5.26	-3.82	4.24	-1.24	3.13	4.35	14.49

RUN	POINT	Harmonics															
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	-1.23	0.00	-0.03	0.02	-0.02	0.00	-0.02	0.00	0.01	0.01	0.03
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.05	0.00	0.01	-0.01	0.00	0.01	0.03	0.00	-0.09
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-21.25	2.10	1.52	-3.55	-4.05	-13.13	2.09	-1.31	0.57	-0.19	0.04	-0.44	0.15	0.12	0.46	1.58
ACT1FORCE_SIN		0.00	10.65	1.89	2.76	3.06	-7.87	-1.12	0.90	0.20	-0.01	0.21	0.03	0.06	0.75	0.04	-2.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	-0.01	0.13	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		342.28	-19.31	-13.37	18.03	23.59	-132.45	-13.06	0.17	0.18	0.05	-0.54	-0.14	-0.02	-0.13	-0.11	1.07
FA1IBVOLTAGE_SIN		0.00	-59.88	-12.25	-20.97	-22.48	249.45	10.25	0.12	-0.04	0.21	0.27	0.02	0.07	0.03	0.03	0.22
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.13	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.85	19.46	13.45	-18.03	-23.84	131.39	13.21	-0.16	0.06	0.14	-0.65	0.02	-0.01	0.18	0.11	-1.03
FA1OBVOLTAGE_SIN		0.00	60.06	12.32	21.12	22.81	-251.00	-10.70	-0.29	0.03	-0.12	0.19	-0.03	-0.12	-0.04	-0.11	-0.21
MRBLD1CB42P75_COS		-3979.92	-1349.63	-68.62	156.84	-118.08	266.32	-90.52	289.21	-21.55	-11.99	79.64	-8.62	22.32	-33.48	-57.41	-7.00
MRBLD1CB42P75_SIN		0.00	-279.83	-80.49	-112.34	186.19	43.54	36.39	98.94	2.52	55.64	-70.96	-22.16	-7.43	-33.63	-36.77	-25.22

RUN	POINT	Harmonics															
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2773.75	-681.73	311.00	108.81	-201.92	207.23	-123.26	241.08	-9.76	-5.02	68.54	-1.37	10.57	-21.09	-46.33	-13.51
MRBLD1CB70_SIN		0.00	-165.32	-53.63	-98.96	304.97	114.10	162.37	63.59	-3.73	67.57	-78.62	-16.69	-1.44	-18.34	-27.30	-14.95
MRBLD1CB120_COS		-567.37	-200.25	446.90	76.99	-114.10	176.51	-134.49	141.38	-16.34	16.83	16.52	5.60	-14.48	7.56	-1.64	7.18
MRBLD1CB120_SIN		0.00	18.67	-79.76	-139.08	377.71	76.14	243.76	-7.99	-11.44	-30.13	40.52	19.46	-3.36	13.22	-1.45	-13.19
MRBLD1CB164_COS		-1985.29	-75.20	136.95	-13.05	-89.39	-21.15	-52.21	-27.07	-2.85	26.02	1.77	2.03	6.26	5.82	23.32	6.94
MRBLD1CB164_SIN		0.00	53.80	-36.55	-40.05	180.36	17.69	107.06	-37.87	-10.04	-52.88	63.24	16.79	1.35	7.94	24.74	17.51
MRBLD1FB42P75_COS		3084.19	93.14	-496.44	52.28	340.74	471.46	-48.44	516.79	-63.59	-20.67	141.44	14.48	-14.92	-40.25	-128.40	-62.23
MRBLD1FB42P75_SIN		0.00	25.31	-144.20	-45.66	527.56	-380.65	137.09	-98.18	55.81	-58.69	-78.53	5.38	-19.83	3.56	57.67	-45.10
MRBLD1FB70_COS		402.94	-90.90	-258.83	-8.87	53.36	125.76	-13.87	103.30	-7.11	-1.06	-0.52	-3.39	0.04	5.30	27.40	16.28
MRBLD1FB70_SIN		0.00	-136.20	-54.77	-25.96	157.54	-103.14	31.72	-17.44	9.11	1.18	-1.66	2.40	2.05	-0.96	-12.72	9.71
MRBLD1FB87_COS		-79.53	-52.74	-205.11	-25.73	-10.56	-2.92	-3.49	-45.98	11.45	5.03	-24.20	4.25	4.79	10.55	25.23	8.54
MRBLD1FB87_SIN		0.00	-127.22	-15.18	24.51	76.51	-22.15	-6.40	3.38	-10.98	7.15	18.33	-0.96	6.71	1.32	-8.81	7.66
MRBLD1FB120_COS		-453.03	-42.64	-262.23	-52.33	-52.08	-143.33	30.22	-139.82	13.74	1.99	0.84	-4.27	-3.67	-8.55	-36.55	-14.78
MRBLD1FB120_SIN		0.00	-172.48	0.32	100.43	2.71	71.76	-34.60	32.73	-8.25	1.00	-6.72	-1.90	-6.65	-3.15	14.47	-11.91
MRBLD1FB164_COS		-97.08	-12.39	-366.15	-5.79	32.50	-20.26	13.00	196.34	-12.72	-0.87	-8.50	9.76	7.14	6.64	17.27	7.89
MRBLD1FB164_SIN		0.00	-231.91	-6.31	77.66	-230.55	44.58	13.19	-43.40	5.11	-6.87	9.53	1.68	5.10	2.43	-2.82	10.18

RUN	POINT	Harmonics															
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-173.31	-10.88	-214.41	6.18	55.01	47.30	-8.91	167.48	-5.74	13.23	-49.61	8.25	13.46	3.01	-42.46	-21.83
MRBLD1FB180_SIN		0.00	-152.79	-1.64	24.25	-163.25	-46.95	35.67	-38.54	-14.74	-18.92	25.02	-12.97	7.41	3.93	17.51	-24.50
MRBLD1TOR51_COS		-1383.94	37.84	-26.75	30.04	23.81	455.04	-59.34	107.47	-1.68	3.74	-0.72	2.80	1.95	2.38	-7.86	11.76
MRBLD1TOR51_SIN		0.00	-36.33	-21.55	-3.28	-3.54	87.61	-14.97	1.81	-6.03	-5.28	-4.43	0.59	4.24	4.45	-8.74	-15.69
MRBLD1TOR71_COS		-240.48	44.58	-35.27	21.47	20.61	398.65	-42.90	73.32	0.93	2.14	-7.02	3.21	0.21	4.64	-3.96	7.75
MRBLD1TOR71_SIN		0.00	-37.07	-23.60	-5.84	-30.76	85.06	-16.32	-3.27	-4.59	-4.92	-0.64	0.32	4.75	4.95	-3.84	-14.47
MRBLD1TOR130_COS		-5.83	41.20	-12.09	19.07	16.39	330.83	-29.40	65.62	-3.86	1.61	9.62	1.47	-0.75	-1.56	-2.58	-6.42
MRBLD1TOR130_SIN		0.00	-32.49	-14.71	-2.36	-49.02	63.57	-0.70	0.18	0.05	-1.65	7.63	2.24	-0.81	-1.28	3.51	-0.64
MRBLD1TOR164_COS		-206.85	27.79	50.08	14.55	-5.10	230.93	-20.20	19.50	2.68	1.42	-1.32	3.75	0.74	-1.54	-9.43	-13.45
MRBLD1TOR164_SIN		0.00	-9.55	-0.64	-12.84	-1.41	13.97	12.04	-4.47	0.16	3.15	4.75	0.49	0.52	-2.13	1.38	2.22
MRFBM1CB26P5_COS		-4746.32	-581.36	-83.07	71.14	39.09	35.52	2.57	17.36	-4.73	-0.07	2.99	-1.11	1.33	-1.58	-4.64	2.82
MRFBM1CB26P5_SIN		0.00	-177.01	-15.09	-30.14	-35.99	-5.73	-29.47	8.93	1.22	-7.17	6.37	0.43	-1.69	-1.56	-4.42	-6.03
MRFBM1FB9_COS		300.16	-15.18	210.94	-13.42	-4.46	-51.23	16.56	-26.37	2.50	-0.65	-6.75	-0.45	-0.95	0.31	1.75	-0.86
MRFBM1FB9_SIN		0.00	45.64	97.25	2.11	-79.59	5.57	1.29	-17.35	0.33	-0.47	-1.50	0.04	0.07	1.92	3.77	2.09
MRFBM1TOR26P5_COS		-364.84	95.93	-0.28	0.13	-0.82	3.99	-1.41	0.62	-0.03	0.01	-0.36	-0.06	0.02	0.05	0.18	0.18
MRFBM1TOR26P5_SIN		0.00	-67.86	-0.46	0.46	-0.91	1.21	-0.77	0.20	-0.03	0.12	-0.38	0.10	0.04	0.10	-0.08	0.23

RUN	POINT	Harmonics															
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1090.66	-1271.64	-162.44	171.04	-5.47	251.31	-74.56	236.27	-29.47	-3.43	66.34	-6.30	14.21	-23.82	-53.39	-1.03
MRPC1CB33P25_SIN		0.00	-226.79	-57.65	-105.37	115.09	-20.90	5.79	65.11	6.88	16.17	-29.54	-8.09	-8.71	-21.57	-33.30	-29.83
MRPC1FB33P25_COS		2250.38	47.86	-368.15	48.52	153.13	465.70	-80.17	442.63	-70.43	16.05	151.32	9.23	4.15	-31.58	-130.35	2.52
MRPC1FB33P25_SIN		0.00	139.35	-185.81	-18.86	520.74	-180.52	99.63	128.25	12.36	-51.39	20.58	13.46	-23.21	-29.21	-74.16	-81.19
MRPC1TOR25P5_COS		-801.71	-26.41	22.45	-35.38	-35.25	-481.47	58.35	-98.99	-1.55	-7.71	14.64	-1.76	-2.25	-8.44	-10.54	-19.28
MRPC1TOR25P5_SIN		0.00	98.76	-26.96	10.90	38.43	-106.24	22.95	5.36	5.30	8.31	5.26	-0.23	-5.59	-8.86	3.77	-1.39
MRPLK1LOAD_COS		-90.87	11.80	3.38	-2.84	-4.83	-65.38	9.39	-14.85	0.02	-0.74	2.42	0.00	-0.56	-0.87	-1.32	-3.49
MRPLK1LOAD_SIN		0.00	-13.71	0.31	0.12	3.10	-12.31	2.64	0.29	0.73	0.72	2.17	-0.23	-0.75	-1.25	0.86	-1.71
PITCHRH_COS		9917.54	-8607.70	-397.42	21.02	-220.53	1955.61	192.96	-70.53	112.05	-95.04	433.06	-147.75	23.58	-32.23	30.90	-592.05
PITCHRH_SIN		0.00	2294.99	-535.09	43.25	-13.50	1641.58	181.16	92.26	105.73	-113.58	-263.89	17.10	-5.76	20.38	-131.75	27.04
ROLLRH_COS		-248.21	-1849.32	470.02	-44.05	-382.13	-2511.10	158.11	-10.33	60.15	152.20	89.09	-101.57	86.67	-181.35	128.24	-221.89
ROLLRH_SIN		0.00	-8411.77	-566.65	-92.69	321.45	2615.83	94.80	-143.78	47.81	-52.32	102.50	-70.38	-11.60	-16.36	-12.52	-663.90
TORQ_COS		30939.76	494.48	4.87	-6.77	31.91	-129.99	-7.24	-13.98	-8.34	0.59	18.93	6.16	5.51	-4.11	-8.77	25.57
TORQ_SIN		0.00	501.07	-18.13	14.12	62.07	-170.27	16.65	-6.77	-6.73	-3.99	-23.25	7.02	-5.32	4.54	-7.71	31.38
THRUST_COS		5743.67	-73.31	6.32	0.70	-4.70	-295.99	-2.85	5.23	-0.53	5.47	-56.20	7.50	0.35	5.37	3.14	14.12
THRUST_SIN		0.00	-15.45	8.02	13.44	-5.03	75.47	-0.31	14.91	-1.14	3.12	21.20	-7.80	-1.89	5.73	3.10	-4.31

RUN	POINT	Harmonics															
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.39	-15.50	-14.07	6.15	-1.46	44.01	-1.29	-2.85	-3.54	-7.39	-3.98	2.16	-1.61	4.93	-3.48	8.19
SIDERH_SIN		0.00	201.10	12.25	-0.46	-100.95	-314.36	-2.67	5.89	-0.11	3.35	-6.58	5.29	-0.25	0.85	-0.42	21.04
DRAGRH_COS		-221.54	226.70	9.89	-4.17	-3.32	173.48	-34.80	11.83	-6.58	-2.51	-26.47	11.63	-2.80	2.92	0.71	30.64
DRAGRH_SIN		0.00	-48.33	15.10	3.80	23.53	312.71	0.37	0.84	-8.86	8.77	6.68	-0.71	0.30	-0.81	5.88	-5.95

RUN	POINT	Harmonics															
52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.02	-0.02	-0.01	-0.01	0.00	0.02	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.06	0.00	0.02	-0.01	0.00	0.01	0.02	0.00	-0.04
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.15	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.99	2.09	1.61	-3.10	-2.75	-15.25	1.24	-0.59	0.59	-0.42	0.01	-0.28	0.10	0.60	0.07	-2.07
ACT1FORCE_SIN		0.00	10.53	2.06	2.25	3.44	-0.98	-2.05	1.20	0.19	0.22	0.05	0.16	0.27	0.50	0.02	-1.48
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.03	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		345.52	-18.78	-13.42	14.51	14.77	9.03	-7.28	0.21	0.22	0.11	-0.04	-0.07	-0.04	-0.13	0.02	0.37
FA1IBVOLTAGE_SIN		0.00	-59.53	-13.98	-14.57	-22.39	287.18	15.32	0.03	-0.03	0.12	0.70	0.07	0.03	0.11	0.10	-1.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.17	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		460.60	18.95	13.50	-14.57	-14.97	-10.15	7.27	-0.24	-0.12	0.04	-0.13	-0.03	0.03	0.13	-0.06	-0.31
FA1OBVOLTAGE_SIN		0.00	59.72	14.09	14.72	22.74	-288.07	-15.80	-0.16	-0.05	-0.22	0.62	0.02	0.01	-0.12	-0.07	1.00
MRBLD1CB42P75_COS		-4044.14	-1216.90	-52.97	120.38	-81.08	237.79	-44.49	246.35	-35.24	30.05	48.31	-20.02	11.87	-29.64	-54.73	-11.37
MRBLD1CB42P75_SIN		0.00	-156.02	-96.35	-42.83	259.85	-107.22	64.54	39.24	-3.32	85.66	-59.54	-45.88	-41.71	-19.39	-18.09	-20.96

RUN	POINT	Harmonics															
52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2743.90	-595.67	338.93	61.06	-135.83	192.41	-39.87	207.11	-30.93	43.87	13.67	-9.27	4.17	-20.15	-42.86	-14.64
MRBLD1CB70_SIN		0.00	-81.25	-73.11	-32.84	446.83	0.64	198.72	4.33	-16.26	90.70	-73.46	-33.46	-19.65	-3.87	-13.89	-13.61
MRBLD1CB120_COS		-572.79	-159.33	483.59	33.32	-10.48	143.28	-27.98	112.94	-29.05	2.32	14.27	17.98	-11.54	5.25	0.22	-3.47
MRBLD1CB120_SIN		0.00	34.96	-92.72	-77.99	485.54	1.26	303.33	-38.81	-14.60	-44.83	7.13	37.11	18.19	9.34	-1.35	-12.50
MRBLD1CB164_COS		-1986.11	-64.26	147.70	-24.97	-32.00	-33.94	-12.28	-24.73	-5.89	-4.71	30.34	13.19	7.36	3.17	21.27	3.43
MRBLD1CB164_SIN		0.00	51.55	-43.05	-18.42	224.65	34.25	127.85	-34.11	-5.89	-75.06	34.89	38.32	7.67	0.10	17.85	19.66
MRBLD1FB42P75_COS		3110.54	56.42	-515.38	83.50	516.45	225.89	69.90	390.92	-46.79	-29.99	122.68	16.57	-19.69	-31.00	-92.92	-68.91
MRBLD1FB42P75_SIN		0.00	-10.07	-141.37	132.17	370.02	-565.47	160.25	-101.70	70.55	-56.04	-126.79	0.69	-18.51	7.78	76.08	-8.29
MRBLD1FB70_COS		403.63	-88.07	-273.55	-1.88	110.76	60.70	12.42	79.43	-7.79	-1.83	-2.36	-3.86	-0.53	4.63	19.94	16.06
MRBLD1FB70_SIN		0.00	-143.91	-54.68	28.71	122.67	-153.47	38.32	-20.65	11.28	2.62	-0.54	2.05	1.16	-1.66	-14.83	1.08
MRBLD1FB87_COS		-81.43	-51.25	-220.39	-19.68	15.69	-15.19	-7.96	-34.62	9.78	6.15	-19.17	4.32	6.90	6.69	18.16	10.42
MRBLD1FB87_SIN		0.00	-131.70	-14.48	49.12	66.30	-23.83	-8.56	5.21	-12.39	7.41	28.61	1.54	7.31	-0.90	-14.34	2.91
MRBLD1FB120_COS		-454.64	-45.20	-285.44	-35.96	-57.75	-94.79	-5.07	-105.21	12.94	3.66	0.17	-5.60	-2.96	-2.94	-24.89	-16.88
MRBLD1FB120_SIN		0.00	-161.23	-3.41	121.33	12.86	134.13	-44.90	37.27	-11.83	-2.97	-9.73	-2.49	-5.64	-0.33	20.94	-4.51
MRBLD1FB164_COS		-91.88	-16.56	-376.83	1.11	-67.46	14.01	42.16	147.57	-9.41	-0.29	-4.46	9.97	6.47	2.80	10.82	9.60
MRBLD1FB164_SIN		0.00	-210.31	-11.98	130.32	-191.25	52.17	15.88	-56.86	6.74	1.02	16.54	3.74	5.65	-0.18	-5.69	8.93

RUN	POINT	Harmonics															
52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.35	-12.80	-216.25	14.03	-10.78	28.94	32.46	124.74	-6.09	12.01	-30.49	9.50	17.08	1.74	-28.51	-26.78
MRBLD1FB180_SIN		0.00	-140.45	-9.29	55.52	-135.12	-64.90	34.74	-48.70	-15.14	-17.89	41.72	-4.03	8.16	6.92	25.46	-5.85
MRBLD1TOR51_COS		-1378.61	42.70	-32.98	24.97	12.42	440.70	-57.36	93.27	-0.77	4.89	-3.96	4.04	3.08	2.78	-10.91	-6.14
MRBLD1TOR51_SIN		0.00	-31.43	-23.19	17.85	-14.77	-150.83	14.37	-1.15	0.98	0.02	-4.01	-0.82	5.26	2.65	-2.79	-15.24
MRBLD1TOR71_COS		-236.62	47.06	-41.19	17.80	2.85	391.10	-45.95	64.87	1.45	1.56	-8.39	2.66	2.20	4.25	-4.06	-8.18
MRBLD1TOR71_SIN		0.00	-35.32	-23.75	6.23	-40.88	-124.60	5.76	-1.82	0.65	-1.46	-0.28	-0.30	7.26	2.80	0.00	-10.57
MRBLD1TOR130_COS		-1.72	42.70	-17.01	15.20	-9.58	318.06	-27.88	55.58	-3.71	1.53	8.97	-1.33	-0.71	-1.72	2.37	-5.94
MRBLD1TOR130_SIN		0.00	-28.95	-13.47	1.60	-52.61	-109.88	12.50	-0.24	3.65	-0.13	3.52	1.68	-0.60	-2.09	2.71	5.51
MRBLD1TOR164_COS		-205.84	30.20	49.36	11.84	-6.49	205.57	-14.85	14.48	1.38	3.27	-0.32	0.23	0.78	-2.78	-2.98	-2.65
MRBLD1TOR164_SIN		0.00	-8.60	1.42	-20.16	-3.18	-105.37	17.33	-2.19	-0.79	1.33	4.62	1.66	1.75	-0.37	1.88	8.28
MRFBM1CB26P5_COS		-4785.68	-519.87	-78.83	68.68	25.66	36.12	-4.38	14.76	-2.31	-3.18	12.28	-0.58	0.90	-0.95	-4.74	-0.45
MRFBM1CB26P5_SIN		0.00	-117.43	-17.48	-22.27	-53.98	-28.89	-29.13	7.30	2.53	-6.59	5.95	0.64	-2.27	-2.33	-2.03	-4.74
MRFBM1FB9_COS		332.07	-76.00	220.31	-4.09	-29.30	-40.25	14.20	-21.82	3.36	-1.23	-6.32	-0.81	-1.15	0.49	2.37	-0.12
MRFBM1FB9_SIN		0.00	34.51	102.66	-43.61	-73.59	30.44	-7.01	-11.65	0.11	-1.32	-0.02	0.47	0.96	1.36	2.87	2.19
MRFBM1TOR26P5_COS		-364.75	95.50	-0.36	0.16	-1.17	4.03	-1.75	0.70	-0.03	0.03	-0.52	0.11	0.00	0.03	-0.07	0.27
MRFBM1TOR26P5_SIN		0.00	-68.21	-0.54	0.46	-0.69	-0.85	-0.21	0.11	0.00	0.23	-0.14	0.03	-0.02	0.09	-0.08	0.01

RUN	POINT	Harmonics															
52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1141.94	-1155.78	-157.13	150.23	19.74	211.22	-41.60	196.40	-31.37	17.10	60.94	-11.66	6.92	-21.21	-50.50	-11.37
MRPC1CB33P25_SIN		0.00	-130.71	-68.20	-43.17	125.69	-154.34	34.15	26.14	7.04	31.27	-32.42	-20.83	-27.59	-13.26	-15.00	-24.63
MRPC1FB33P25_COS		2277.26	15.04	-380.89	43.52	334.98	319.17	10.29	346.70	-65.06	9.68	162.27	13.52	-0.47	-27.99	-121.64	-32.11
MRPC1FB33P25_SIN		0.00	104.57	-185.76	132.37	436.31	-387.91	154.70	74.25	29.60	-51.68	-23.65	10.32	-26.58	-19.34	-33.57	-65.04
MRPC1TOR25P5_COS		-806.06	-36.78	34.52	-32.81	-11.43	-475.71	62.68	-88.18	-3.68	-3.70	15.04	-7.11	-2.96	-6.98	2.81	-7.24
MRPC1TOR25P5_SIN		0.00	90.28	-25.34	-8.67	56.01	143.55	-8.94	5.85	-3.07	3.51	1.08	-1.04	-9.11	-5.58	1.40	10.40
MRPLK1LOAD_COS		-92.17	11.74	4.38	-2.90	-2.41	-63.56	9.65	-13.11	-0.08	-0.47	3.08	-1.16	-0.44	-0.57	1.66	-2.88
MRPLK1LOAD_SIN		0.00	-14.73	0.71	-2.58	5.35	21.65	-2.25	0.68	-0.31	0.01	0.82	-0.09	-0.90	-0.99	0.46	1.31
PITCHRH_COS		10916.58	-8622.75	-430.49	12.07	-241.46	2658.52	125.17	-7.80	92.23	-84.22	326.29	-35.64	39.44	-21.50	-36.47	-481.71
PITCHRH_SIN		0.00	2303.92	-519.05	14.10	40.74	727.26	78.53	154.30	16.21	-52.53	-535.94	73.15	13.32	-3.85	-91.18	-117.56
ROLLRH_COS		-2.43	-1855.86	481.17	-80.91	-312.73	-1418.16	197.18	-66.04	96.06	46.93	177.17	-95.06	24.83	-158.36	133.85	-305.14
ROLLRH_SIN		0.00	-8384.04	-572.33	-70.05	456.42	3279.23	-30.40	-180.06	22.66	-92.03	122.00	68.58	-75.51	97.52	-133.02	-453.19
TORQ_COS		30118.45	506.79	2.92	-0.72	45.73	-194.60	-2.65	-23.04	-15.33	0.69	-16.02	7.53	3.54	-3.35	-5.59	11.30
TORQ_SIN		0.00	528.36	-17.74	13.99	26.87	-51.58	16.82	-2.83	-3.53	-7.52	-25.83	5.39	-8.88	10.74	-8.34	20.27
THRUST_COS		5842.28	-72.62	6.52	5.94	-10.32	-218.33	-4.60	5.22	-2.49	1.39	-42.08	1.23	-1.67	9.04	1.37	-13.04
THRUST_SIN		0.00	-15.53	8.71	7.12	0.81	203.32	-0.34	8.64	1.38	-1.39	35.60	-6.60	-0.53	-3.72	3.19	14.21

RUN	POINT	Harmonics															
52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.60	-17.73	-13.67	6.08	-12.54	-79.73	-0.75	-1.42	-3.43	-1.98	-9.45	3.81	-0.72	4.94	-4.56	11.45
SIDERH_SIN		0.00	196.64	13.13	-2.76	-117.26	-321.77	4.33	7.78	2.39	4.96	-7.41	-0.19	1.12	-2.53	3.15	12.49
DRAGRH_COS		-212.75	226.76	9.98	-2.43	-2.89	335.33	-18.88	10.49	-10.13	1.87	-33.42	4.19	-3.07	1.15	2.16	20.34
DRAGRH_SIN		0.00	-48.25	15.14	4.13	17.52	273.57	7.44	-2.12	-2.99	8.03	25.86	-5.15	1.10	-0.18	1.71	0.31

RUN	POINT	Harmonics															
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.10	0.00	0.03	-0.01	-0.01	0.00	0.01	0.03	0.01	-0.01	-0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.05	0.00	0.02	-0.02	0.00	0.00	0.01	0.01	0.10
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-21.67	1.79	2.35	-2.71	-1.00	-13.72	0.05	0.37	-0.07	-0.36	0.32	0.29	0.72	0.26	-0.22	-1.59
ACT1FORCE_SIN		0.00	10.31	1.94	1.98	2.90	6.49	-2.61	1.24	0.20	0.25	-0.30	0.18	0.20	0.13	0.22	2.34
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.16	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		344.43	-15.64	-17.74	11.15	3.52	153.34	2.08	0.08	0.07	0.13	0.65	0.21	0.08	-0.07	0.04	-1.11
FA1IBVOLTAGE_SIN		0.00	-58.33	-14.14	-10.54	-16.66	246.02	16.94	-0.11	-0.06	-0.12	0.39	0.14	0.16	0.08	0.02	-0.19
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.16	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		461.74	15.85	17.86	-11.18	-3.51	-155.30	-2.38	-0.21	0.02	-0.06	0.40	-0.17	-0.09	0.04	-0.05	1.02
FA1OBVOLTAGE_SIN		0.00	58.48	14.20	10.71	17.05	-245.90	-17.35	0.00	-0.05	0.03	0.41	0.00	-0.12	-0.11	-0.03	0.12
MRBLD1CB42P75_COS		-3943.89	-1365.27	-81.60	110.35	-29.17	133.39	-4.92	71.09	-42.27	60.49	20.64	-28.82	-12.38	-5.96	-38.40	-2.26
MRBLD1CB42P75_SIN		0.00	-347.97	-103.94	81.06	259.80	-224.90	92.34	-91.55	-25.38	36.24	-63.42	-60.58	-35.90	-11.06	1.25	-17.00

RUN	POINT	Harmonics															
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.59	-693.37	311.10	36.06	-21.50	140.05	22.21	57.19	-59.96	68.20	-31.40	-18.39	-8.96	-0.61	-21.72	-7.89
MRBLD1CB70_SIN		0.00	-202.20	-96.92	86.16	480.54	-98.15	180.27	-95.05	-29.10	34.13	-53.02	-42.39	-15.32	4.06	-1.38	-15.76
MRBLD1CB120_COS		-565.45	-200.42	469.75	11.63	98.85	109.18	66.55	19.32	-44.80	-18.82	-5.00	28.06	4.92	-0.97	2.16	-0.36
MRBLD1CB120_SIN		0.00	-32.54	-114.22	28.96	475.58	-58.88	253.87	-69.41	-4.30	-27.10	17.40	41.74	18.96	9.62	-2.93	1.06
MRBLD1CB164_COS		-1978.65	-68.66	145.43	-30.47	23.88	-16.79	26.14	-9.02	-9.15	-32.12	32.05	26.09	8.47	-2.51	9.99	-1.33
MRBLD1CB164_SIN		0.00	29.71	-45.95	25.52	211.83	51.58	98.71	-7.02	6.61	-42.27	25.80	44.32	7.06	-3.90	6.05	19.93
MRBLD1FB42P75_COS		3061.03	107.75	-529.36	213.43	479.46	-98.21	155.74	-14.75	-15.73	-19.35	90.36	11.17	-2.27	-8.45	-33.20	-17.01
MRBLD1FB42P75_SIN		0.00	23.61	-103.68	358.11	80.02	-593.47	142.28	-120.25	30.56	-41.56	-135.39	-19.12	-23.47	-1.49	71.18	-5.68
MRBLD1FB70_COS		402.70	-83.02	-278.81	37.10	112.19	-24.74	35.16	5.16	-5.07	-1.79	-3.95	-3.51	-1.68	1.19	9.06	3.71
MRBLD1FB70_SIN		0.00	-150.98	-35.85	106.76	43.95	-161.85	35.69	-25.66	5.91	1.00	0.29	2.10	2.29	-0.19	-12.80	1.04
MRBLD1FB87_COS		-80.21	-46.13	-222.45	2.24	23.23	-27.27	-11.82	0.96	6.27	5.49	-12.17	5.69	4.06	1.09	5.35	1.61
MRBLD1FB87_SIN		0.00	-133.40	-0.69	87.14	36.02	-18.95	-9.02	7.97	-8.82	7.06	30.59	5.91	6.11	1.71	-12.99	3.52
MRBLD1FB120_COS		-448.83	-42.97	-297.74	-5.08	-44.69	-18.96	-34.63	0.11	7.14	2.53	0.50	-5.59	-0.73	2.79	-6.48	-3.09
MRBLD1FB120_SIN		0.00	-146.73	5.50	146.72	25.54	162.77	-44.50	42.57	-5.08	-4.37	-12.83	-4.39	-4.01	-3.20	17.43	-6.09
MRBLD1FB164_COS		-102.89	-17.88	-393.26	39.87	-106.70	52.05	69.48	5.26	-3.49	3.63	-3.23	10.56	4.59	-1.63	2.71	5.27
MRBLD1FB164_SIN		0.00	-181.67	-5.41	179.63	-74.63	37.01	4.48	-69.28	-0.47	11.43	20.93	5.13	5.28	1.43	-4.10	10.35

RUN	POINT	Harmonics															
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.58	-10.92	-227.55	36.26	-40.68	6.94	66.87	-1.03	-3.42	12.07	-15.47	14.86	8.47	3.23	-7.68	0.94
MRBLD1FB180_SIN		0.00	-122.11	-7.67	79.10	-56.24	-73.59	16.49	-58.78	-23.02	-12.79	45.21	5.18	-1.47	-1.69	16.55	-3.22
MRBLD1TOR51_COS		-1381.70	40.76	-43.72	25.88	-11.03	304.63	-31.17	23.38	-4.24	6.41	-5.28	5.01	6.04	2.31	-8.42	-9.02
MRBLD1TOR51_SIN		0.00	-33.68	-17.36	48.65	-27.84	-356.52	46.48	-9.24	5.23	-1.42	-3.65	-1.87	2.19	2.67	5.51	6.50
MRBLD1TOR71_COS		-238.08	47.42	-48.38	16.63	-22.67	275.69	-27.42	17.10	-2.93	2.38	-8.09	2.39	5.45	1.86	-1.88	-5.79
MRBLD1TOR71_SIN		0.00	-36.31	-17.69	23.57	-44.69	-307.99	33.31	0.35	5.07	-1.04	-0.07	1.36	4.12	2.86	1.96	8.56
MRBLD1TOR130_COS		-2.29	41.55	-21.10	13.25	-35.95	216.45	-11.90	13.02	-4.15	1.23	5.94	-2.14	0.87	-2.25	3.57	2.74
MRBLD1TOR130_SIN		0.00	-28.48	-10.46	7.70	-41.25	-259.57	28.09	-3.11	6.15	0.43	0.37	2.06	-0.20	-1.23	-4.92	2.82
MRBLD1TOR164_COS		-204.07	29.59	49.06	5.20	-12.43	119.67	-5.82	-0.64	0.71	4.47	-0.84	-2.27	-0.56	-1.08	1.49	8.68
MRBLD1TOR164_SIN		0.00	-10.06	1.44	-27.80	-7.85	-197.90	21.95	1.19	-1.08	0.38	4.07	3.68	1.24	1.28	-4.03	-4.71
MRFBM1CB26P5_COS		-4724.56	-588.68	-87.71	70.71	-0.87	20.32	-6.99	4.87	4.17	-3.23	19.02	0.43	1.07	-0.98	-4.43	1.29
MRFBM1CB26P5_SIN		0.00	-209.53	-15.71	-8.87	-60.79	-46.73	-16.36	-3.71	0.93	-2.65	-0.67	-0.23	-1.64	-2.72	1.28	0.30
MRFBM1FB9_COS		289.78	2.79	237.65	-15.66	-41.08	-17.44	7.85	-5.61	2.08	-2.27	-4.57	-1.19	-0.83	-0.13	2.24	-0.13
MRFBM1FB9_SIN		0.00	54.24	84.73	-110.63	-42.36	47.31	-13.16	6.33	0.65	-0.58	0.95	1.19	0.65	0.36	0.64	0.88
MRFBM1TOR26P5_COS		-364.85	96.02	-0.42	0.18	-1.16	3.12	-1.36	0.39	-0.08	0.06	-0.46	0.23	-0.03	0.05	-0.18	-0.07
MRFBM1TOR26P5_SIN		0	-67.44	-0.46	0.53	-0.52	-2.63	0.46	0.1	-0.02	0.16	-0.02	-0.13	-0.06	0.09	0.2	-0.06

RUN	POINT	Harmonics															
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1064.43	-1292.01	-183.77	151.74	21.17	95.64	-2.40	46.58	-20.91	31.23	47.10	-14.66	-4.87	-3.73	-35.73	-0.26
MRPC1CB33P25_SIN		0.00	-302.66	-72.38	56.59	91.65	-247.31	70.53	-71.25	-8.98	8.65	-45.72	-31.69	-23.14	-8.03	3.94	-12.81
MRPC1FB33P25_COS		2236.20	57.64	-400.14	110.85	376.54	71.55	83.82	39.46	-27.46	12.13	143.73	21.11	13.39	-5.18	-81.27	-4.08
MRPC1FB33P25_SIN		0.00	136.78	-157.00	340.78	192.53	-491.57	163.71	-102.38	12.80	-38.71	-45.38	-6.52	-17.23	-7.27	10.00	-19.54
MRPC1TOR25P5_COS		-805.56	-29.17	40.95	-35.95	23.67	-341.26	34.62	-24.79	-1.35	-2.82	12.09	-10.50	-7.05	-3.77	7.46	12.90
MRPC1TOR25P5_SIN		0.00	93.65	-30.90	-32.60	63.25	364.90	-44.31	4.56	-8.86	1.95	0.79	0.18	-5.22	-4.18	-15.64	-6.18
MRPLK1LOAD_COS		-91.58	11.45	5.83	-3.87	1.77	-44.46	5.23	-3.60	0.38	-0.51	2.58	-2.09	-0.73	-0.55	2.55	2.00
MRPLK1LOAD_SIN		0.00	-14.81	0.02	-6.00	6.84	51.03	-7.39	0.98	-1.09	0.28	0.32	0.74	-0.47	-0.64	-3.47	0.15
PITCHRH_COS		9649.01	-8605.73	-422.28	9.64	-211.53	2448.33	110.10	129.84	81.37	-63.83	99.57	66.60	19.66	-3.50	-45.81	-454.72
PITCHRH_SIN		0.00	2325.26	-504.48	-2.86	92.91	-514.01	-19.20	71.82	-106.54	-43.61	-592.09	-9.64	0.62	5.91	-30.52	-0.05
ROLLRH_COS		-471.33	-1862.04	517.29	-79.35	-101.99	296.46	260.37	-123.14	140.38	3.44	171.19	43.44	-59.06	-38.30	5.35	-109.59
ROLLRH_SIN		0.00	-8402.35	-541.69	-41.11	481.87	2763.99	-139.59	-198.77	65.06	-122.53	50.03	67.62	-31.24	123.84	-101.05	-509.07
TORQ_COS		31347.89	503.46	5.44	5.79	55.62	-171.56	0.60	-31.91	-26.46	-0.98	-48.89	4.23	2.01	2.31	-8.39	-3.18
TORQ_SIN		0.00	476.04	-19.26	12.54	-27.23	84.35	14.36	16.19	3.46	-6.53	2.93	1.27	-6.40	9.17	-11.51	18.03
THRUST_COS		5710.61	-73.43	7.30	10.36	-15.03	-74.47	-7.69	-0.58	-0.83	-2.15	-35.09	1.19	1.72	1.48	-0.72	3.13
THRUST_SIN		0.00	-10.57	7.89	3.69	10.74	272.60	2.91	12.47	2.97	-0.96	30.34	-2.44	0.43	-6.82	-5.92	46.92

RUN	POINT	Harmonics															
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.74	-19.26	-13.56	3.70	-40.82	-175.09	-3.16	1.63	-2.97	0.30	-8.21	-0.52	1.23	1.85	-0.25	3.58
SIDERH_SIN		0.00	202.81	11.85	-5.67	-109.16	-209.51	6.47	10.40	1.05	5.11	-1.36	-1.49	0.51	-3.72	3.29	12.62
DRAGRH_COS		-222.31	226.98	8.07	-0.94	-5.19	362.25	-3.81	11.56	-6.57	3.61	-20.68	-2.18	-1.02	-0.42	0.52	18.30
DRAGRH_SIN		0.00	-47.53	14.83	3.64	9.92	123.07	9.63	-6.98	7.24	8.36	40.54	-2.11	3.51	-0.09	0.03	-0.40

RUN	POINT	Harmonics															
52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	-1.25	0.00	-0.03	0.02	-0.02	0.00	-0.02	0.00	0.01	0.01	0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.01	0.83	0.00	0.06	0.00	0.01	0.00	0.00	0.01	0.03	0.00	-0.09
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-21.19	2.11	1.70	-3.53	-4.49	-13.17	2.08	-1.34	0.61	-0.18	-0.01	-0.36	0.16	0.08	0.49	1.68
ACT1FORCE_SIN		0.00	10.63	1.86	2.98	3.10	-7.76	-1.12	0.99	0.16	-0.05	0.26	0.01	0.21	0.82	0.04	-1.92
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	-0.01	0.13	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		344.57	-18.76	-13.58	18.65	26.29	-135.78	-13.19	0.15	0.13	-0.05	-0.54	-0.15	-0.04	-0.15	-0.07	1.09
FA1IBVOLTAGE_SIN		0.00	-59.59	-12.23	-22.34	-21.13	247.89	9.73	0.18	-0.08	0.04	0.24	-0.01	-0.02	0.15	0.02	0.35
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.13	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		461.55	18.91	13.64	-18.67	-26.58	134.76	13.39	-0.13	0.08	0.24	-0.59	0.03	0.06	0.14	0.08	-1.02
FA1OBVOLTAGE_SIN		0.00	59.78	12.33	22.50	21.44	-249.45	-10.17	-0.28	0.05	0.01	0.23	-0.03	0.03	-0.14	-0.05	-0.28
MRBLD1CB42P75_COS		-3996.11	-1291.33	-80.62	168.49	-131.60	265.28	-80.19	294.33	-18.01	-15.28	79.39	-4.54	31.61	-25.03	-53.69	-5.87
MRBLD1CB42P75_SIN		0.00	-271.63	-79.75	-124.51	175.44	36.79	34.76	92.29	1.69	55.97	-46.11	-26.84	-7.67	-35.49	-37.26	-32.48

RUN	POINT	Harmonics															
52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2775.15	-647.69	309.21	118.55	-224.81	207.25	-123.71	248.27	-7.62	-10.10	68.07	1.39	15.33	-15.72	-43.44	-14.98
MRBLD1CB70_SIN		0.00	-159.87	-52.98	-109.56	290.20	103.12	163.83	60.69	-4.29	67.77	-63.33	-20.64	-0.91	-21.18	-28.16	-22.43
MRBLD1CB120_COS		-573.00	-190.83	454.27	81.95	-143.54	178.77	-148.51	147.43	-14.91	17.93	16.70	5.51	-18.37	5.25	-2.18	8.61
MRBLD1CB120_SIN		0.00	24.20	-76.05	-148.70	367.97	63.73	246.40	-8.86	-13.63	-30.54	29.21	20.66	-4.25	12.42	-0.91	-13.26
MRBLD1CB164_COS		-1988.54	-73.96	141.14	-11.98	-103.66	-19.69	-62.62	-27.17	-3.24	29.49	3.64	2.62	5.30	4.14	21.06	6.17
MRBLD1CB164_SIN		0.00	54.72	-36.45	-43.48	176.92	12.57	107.68	-35.37	-11.31	-52.70	53.39	19.47	0.66	8.83	24.30	22.17
MRBLD1FB42P75_COS		3089.63	79.17	-505.04	56.89	295.80	477.90	-31.79	514.35	-61.14	-16.23	154.76	16.21	-10.86	-37.15	-122.60	-70.66
MRBLD1FB42P75_SIN		0.00	29.27	-144.10	-67.64	538.73	-387.23	128.54	-119.56	46.23	-60.88	-65.70	-1.12	-28.55	-8.10	50.77	-58.56
MRBLD1FB70_COS		403.58	-90.01	-262.79	-5.80	38.21	126.10	-10.85	103.19	-6.11	-1.20	-0.35	-3.37	0.46	4.77	26.02	17.78
MRBLD1FB70_SIN		0.00	-135.10	-55.80	-32.25	159.91	-104.93	29.06	-21.22	8.01	1.54	-1.23	2.32	2.79	1.56	-11.36	12.37
MRBLD1FB87_COS		-79.72	-51.93	-208.72	-24.14	-17.64	-3.72	-4.24	-45.74	11.41	4.42	-27.72	3.42	3.58	10.52	24.51	10.09
MRBLD1FB87_SIN		0.00	-127.35	-17.08	22.49	77.74	-21.72	-6.49	5.54	-9.95	7.54	15.22	0.64	7.84	3.60	-7.09	10.64
MRBLD1FB120_COS		-450.36	-40.50	-268.98	-50.80	-52.66	-144.41	26.85	-139.05	11.76	1.75	2.17	-3.32	-3.42	-8.98	-35.82	-17.13
MRBLD1FB120_SIN		0.00	-175.43	-5.36	99.61	2.39	73.14	-33.12	38.12	-6.31	1.25	-6.22	-2.43	-6.94	-5.82	11.65	-16.88
MRBLD1FB164_COS		-91.27	-9.69	-379.08	-4.26	50.46	-17.30	11.17	196.37	-9.65	-0.83	-11.16	7.85	6.16	6.84	16.90	9.10
MRBLD1FB164_SIN		0.00	-230.53	-8.64	75.00	-232.47	43.56	17.70	-51.82	1.16	-7.15	8.81	4.16	5.37	2.44	-2.85	12.40

RUN	POINT	Harmonics															
52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.69	-10.02	-223.28	6.41	66.78	47.86	-8.39	168.37	-1.36	14.43	-56.27	6.43	9.52	0.59	-41.46	-23.94
MRBLD1FB180_SIN		0.00	-152.29	-2.99	22.97	-163.11	-47.84	38.62	-45.81	-16.36	-17.36	19.42	-7.86	9.38	0.66	14.02	-30.31
MRBLD1TOR51_COS		-1383.68	38.61	-29.10	30.66	25.91	459.97	-53.30	107.03	0.30	3.43	-1.13	1.88	1.01	2.75	-6.19	12.55
MRBLD1TOR51_SIN		0.00	-34.79	-20.68	-7.81	-6.70	96.22	-17.84	-2.80	-7.25	-4.67	-5.23	0.42	3.98	3.25	-8.10	-17.00
MRBLD1TOR71_COS		-238.34	44.84	-37.14	21.59	24.45	402.87	-38.07	72.49	2.46	1.58	-7.24	2.45	-1.15	4.43	-3.15	9.28
MRBLD1TOR71_SIN		0.00	-35.43	-22.87	-9.13	-33.37	93.22	-18.46	-6.80	-5.32	-4.34	-2.30	0.43	4.56	4.33	-4.11	-15.27
MRBLD1TOR130_COS		-3.49	41.49	-13.87	18.49	21.60	334.57	-25.81	65.25	-2.72	0.66	9.49	2.22	-0.09	-1.47	-3.98	-6.13
MRBLD1TOR130_SIN		0.00	-30.71	-13.76	-4.70	-51.21	69.90	-1.63	-2.92	-0.49	-1.09	9.04	2.18	-0.72	-0.46	2.05	-0.58
MRBLD1TOR164_COS		-206.15	28.03	50.54	13.51	-4.95	233.05	-17.10	19.19	2.75	0.75	-1.24	4.02	0.69	-1.21	-9.93	-12.92
MRBLD1TOR164_SIN		0.00	-8.11	0.50	-13.81	-3.55	17.09	11.29	-5.61	-0.02	3.57	4.68	1.23	0.40	-2.20	-0.25	1.58
MRFBM1CB26P5_COS		-4758.99	-555.54	-89.38	73.99	43.14	35.38	5.54	16.80	-4.80	0.62	2.99	-1.02	1.81	-1.20	-4.23	3.73
MRFBM1CB26P5_SIN		0.00	-173.60	-14.70	-32.86	-35.28	-5.66	-30.66	7.55	1.13	-7.24	8.13	0.13	-2.09	-1.72	-4.06	-6.29
MRFBM1FB9_COS		299.83	-31.38	217.55	-16.87	1.91	-51.81	15.07	-27.02	2.16	-0.60	-6.25	-0.58	-1.28	-0.04	1.53	-1.22
MRFBM1FB9_SIN		0.00	52.47	99.15	7.51	-77.29	6.28	2.41	-16.50	0.75	-0.42	-2.31	0.23	0.00	1.92	3.75	2.37
MRFBM1TOR26P5_COS		-365.00	96.00	-0.33	0.15	-0.78	4.06	-1.33	0.62	-0.03	0.02	-0.39	-0.10	0.03	0.04	0.22	0.12
MRFBM1TOR26P5_SIN		0.00	-67.79	-0.50	0.47	-0.98	1.32	-0.97	0.18	-0.02	0.11	-0.44	0.09	0.04	0.08	-0.01	0.24

RUN	POINT	Harmonics															
52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1062.66	-1218.79	-175.89	178.80	-13.03	251.07	-65.06	239.24	-26.94	-4.41	67.75	-3.08	20.73	-17.56	-49.66	1.34
MRPC1CB33P25_SIN		0.00	-221.33	-55.73	-116.54	110.84	-23.72	2.88	57.69	5.70	16.40	-12.37	-11.38	-10.06	-23.77	-33.37	-36.58
MRPC1FB33P25_COS		2252.34	33.92	-374.14	56.40	112.75	473.50	-64.79	448.97	-64.41	20.12	153.49	15.19	13.19	-19.91	-121.85	10.39
MRPC1FB33P25_SIN		0.00	140.99	-187.88	-35.91	519.38	-184.91	99.17	110.02	5.93	-50.77	38.10	9.47	-25.33	-34.51	-74.34	-96.20
MRPC1TOR25P5_COS		-802.71	-30.40	25.83	-35.84	-40.09	-485.92	52.30	-98.25	-3.25	-7.60	15.63	-0.01	-0.59	-7.35	-13.28	-17.39
MRPC1TOR25P5_SIN		0.00	95.00	-29.29	14.68	40.45	-117.04	27.01	8.85	6.01	7.79	9.02	-0.99	-5.65	-7.15	1.08	-2.01
MRPLK1LOAD_COS		-91.71	11.58	3.60	-2.95	-5.28	-66.15	8.50	-14.81	-0.24	-0.87	2.60	0.34	-0.42	-0.79	-1.85	-2.83
MRPLK1LOAD_SIN		0.00	-14.45	0.07	0.57	3.35	-13.62	3.29	0.87	0.85	0.69	2.71	-0.26	-0.83	-0.89	0.20	-1.86
PITCHRH_COS		10109.29	-8673.34	-414.77	20.62	-213.67	1875.45	141.84	-61.53	119.94	-96.88	497.97	-144.38	57.97	-46.27	63.10	-593.25
PITCHRH_SIN		0.00	3110.92	-545.83	45.04	-3.68	1686.37	198.46	122.72	116.18	-104.18	-248.98	10.93	-8.85	44.40	-140.15	-4.08
ROLLRH_COS		-412.60	-2645.42	467.91	-47.92	-434.46	-2723.81	83.54	29.78	53.06	154.42	95.10	-102.81	106.14	-197.89	147.81	-285.61
ROLLRH_SIN		0.00	-8453.33	-540.93	-85.70	333.21	2299.35	55.72	-183.25	63.12	-18.23	80.31	-83.23	2.33	-4.49	3.80	-796.35
TORQ_COS		30897.99	516.72	3.29	-10.40	18.11	-114.70	-7.46	-14.04	-6.11	2.01	16.37	5.66	3.38	-2.69	-9.90	8.67
TORQ_SIN		0.00	522.01	-16.62	17.82	75.09	-164.55	20.36	-2.98	-7.75	-3.02	-26.57	7.31	-6.51	5.38	-9.67	38.83
THRUST_COS		5749.06	-72.86	5.43	2.22	-2.70	-300.47	-1.25	4.43	-2.31	7.72	-60.30	4.95	-0.07	2.96	-0.74	19.84
THRUST_SIN		0.00	-15.76	7.13	12.95	-5.86	73.42	0.10	17.94	-2.09	3.91	19.30	-7.14	-1.42	7.63	2.82	5.46

RUN	POINT	Harmonics															
52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.18	0.03	-13.46	6.56	2.70	67.74	-1.40	-4.42	-3.37	-7.67	-3.20	2.20	-2.09	5.36	-3.85	9.94
SIDERH_SIN		0.00	197.64	12.29	-0.90	-105.16	-305.68	0.86	5.83	-1.21	1.69	-5.93	5.38	-0.36	0.41	-1.00	25.21
DRAGRH_COS		-215.89	227.53	10.83	-4.44	-5.30	164.20	-32.76	9.55	-5.26	-2.63	-25.50	11.38	-3.42	3.34	-1.19	30.06
DRAGRH_SIN		0.00	-69.88	14.71	3.58	22.72	345.69	-2.91	2.35	-7.49	6.20	2.56	-0.78	-0.66	-0.90	6.12	-3.32

RUN	POINT	Harmonics															
58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.32	0.24	0.15	-3.60	-2.32	-0.46	0.31	0.26	-0.03	-0.06	0.09	0.28	0.11	0.05	-0.03	0.10
ACT1FORCE_SIN		0.00	10.21	1.99	0.86	0.40	-0.72	-0.39	-0.34	0.04	-0.01	0.03	-0.04	-0.13	0.06	0.04	0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		321.03	-12.38	-6.73	29.77	19.79	8.02	-0.04	-0.03	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-77.44	-15.92	-9.23	-1.97	8.41	-0.01	-0.01	0.00	-0.02	-0.01	0.00	-0.01	-0.01	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		484.75	12.50	6.79	-29.78	-19.84	-8.10	0.02	0.02	0.01	0.00	0.01	-0.01	0.01	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	77.57	15.95	9.36	2.05	-8.39	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.02	0.00
MRBLD1CB42P75_COS		-3752.30	-1364.72	30.85	190.44	-46.85	-66.86	-30.84	-59.98	37.55	65.20	-10.96	-51.34	-12.02	14.40	33.82	-4.37
MRBLD1CB42P75_SIN		0.00	66.45	-63.08	59.69	55.56	-31.48	18.15	72.73	-36.73	9.42	16.76	49.27	18.33	16.94	42.94	-2.80

RUN	POINT	Harmonics															
58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2838.29	-736.95	316.28	110.52	5.24	-7.51	-77.75	-44.57	27.66	61.57	7.11	-22.66	-8.10	13.89	16.90	-2.49
MRBLD1CB70_SIN		0.00	60.87	-86.90	81.56	160.12	-17.96	57.12	67.25	-15.90	3.55	-21.96	37.32	14.24	9.49	35.57	-6.80
MRBLD1CB120_COS		-537.86	-244.51	429.34	79.47	1.92	70.24	-74.31	-12.03	-14.58	-20.63	22.63	22.38	5.16	0.00	-1.20	3.50
MRBLD1CB120_SIN		0.00	124.03	-141.35	17.03	188.33	-8.03	57.22	40.76	18.52	-16.16	-9.81	-26.14	-5.31	-2.16	0.99	-1.11
MRBLD1CB164_COS		-1963.47	-85.32	139.47	-14.26	-48.25	37.14	-26.27	15.96	-25.72	-38.18	7.87	18.04	10.14	0.92	-0.58	-3.87
MRBLD1CB164_SIN		0.00	86.30	-52.05	17.53	86.45	12.47	16.64	-8.36	9.99	-17.69	15.84	-22.57	-1.39	-3.59	-28.19	0.01
MRBLD1FB42P75_COS		3023.55	107.39	-414.08	361.04	-238.45	-41.73	-11.50	-97.90	-56.23	-21.33	61.29	-20.34	23.11	60.13	131.27	-0.42
MRBLD1FB42P75_SIN		0.00	-18.19	-31.11	165.90	157.11	19.46	-3.97	146.93	-41.40	-3.64	60.21	51.23	22.91	-4.51	-22.84	-1.43
MRBLD1FB70_COS		415.60	-70.24	-206.25	86.42	-86.48	-12.75	0.04	-5.15	3.35	4.95	1.15	-0.12	-2.70	-8.35	-27.71	-1.60
MRBLD1FB70_SIN		0.00	-151.18	0.66	59.14	36.52	-3.14	1.30	33.30	-1.82	0.87	2.65	2.61	0.04	1.25	2.07	-1.66
MRBLD1FB87_COS		-70.30	-37.80	-170.44	15.95	-58.01	-13.99	-5.06	8.86	12.70	6.39	-10.04	6.97	-3.62	-12.61	-26.68	0.41
MRBLD1FB87_SIN		0.00	-153.57	31.99	67.62	26.50	3.54	-2.76	-15.89	-0.63	-5.40	-17.64	-15.21	-5.82	1.03	7.67	4.80
MRBLD1FB120_COS		-453.94	-22.88	-249.76	-3.45	-7.38	2.61	3.10	10.26	-10.60	-8.11	1.72	-2.17	4.98	15.58	40.21	-0.69
MRBLD1FB120_SIN		0.00	-204.60	50.77	117.77	21.37	8.91	-1.76	-47.27	6.90	7.51	6.27	4.16	3.04	-4.92	-13.90	-9.43
MRBLD1FB164_COS		-103.44	15.35	-362.22	89.99	204.31	55.49	15.86	-21.49	7.55	12.97	-7.10	1.49	0.73	-4.87	-22.45	0.72
MRBLD1FB164_SIN		0.00	-260.53	50.98	117.97	-16.89	-39.06	-17.99	49.38	-7.87	-3.32	-11.44	-7.74	-3.73	-2.81	5.63	9.62

RUN	POINT	Harmonics															
58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.58	-1.31	-217.41	53.86	160.46	32.61	-13.09	-21.86	19.79	17.38	-16.62	15.13	4.02	14.04	49.84	-3.42
MRBLD1FB180_SIN		0.00	-178.59	29.18	49.18	-19.29	-35.21	-4.50	51.13	-16.79	-17.06	-33.21	-24.77	-4.10	-7.77	-21.84	-15.00
MRBLD1TOR51_COS		-1389.89	49.97	-17.81	55.97	-31.50	-12.87	14.19	-1.04	7.15	4.39	0.25	4.33	1.21	3.36	12.59	1.30
MRBLD1TOR51_SIN		0.00	-46.01	0.46	28.76	7.49	-4.93	2.76	46.26	-2.69	-6.78	-10.10	-2.66	-2.08	-1.95	4.55	-1.39
MRBLD1TOR71_COS		-246.90	58.52	-26.48	37.75	-18.89	-8.10	16.53	5.64	5.86	1.83	-0.17	6.33	2.02	1.32	7.08	2.72
MRBLD1TOR71_SIN		0.00	-49.29	-1.93	11.97	-2.26	-3.88	4.68	40.70	2.48	-4.59	-10.63	-4.10	-1.68	-2.09	2.74	-0.60
MRBLD1TOR130_COS		-7.10	55.56	-5.60	28.36	2.22	-6.50	13.31	2.81	4.34	1.08	-1.32	-5.56	0.00	0.30	-5.06	-1.42
MRBLD1TOR130_SIN		0.00	-40.08	-2.29	0.51	1.08	-0.08	6.00	34.82	2.42	-1.17	2.82	1.23	4.18	3.42	1.72	0.17
MRBLD1TOR164_COS		-210.92	36.98	49.34	5.95	-22.00	-14.60	0.56	4.34	4.29	3.55	1.35	-0.77	0.97	3.38	2.85	0.58
MRBLD1TOR164_SIN		0.00	-10.97	-3.92	-21.64	-4.81	3.70	7.44	14.06	-0.88	-2.05	-0.35	-0.22	2.92	4.50	6.40	-1.16
MRFBM1CB26P5_COS		-4449.17	-594.13	-32.19	78.04	0.36	-22.60	12.55	-6.56	-0.57	-2.93	-4.97	-3.76	0.31	1.38	6.18	0.53
MRFBM1CB26P5_SIN		0.00	-32.70	-1.97	-15.88	-27.11	-10.46	-11.52	2.92	-8.19	1.56	11.83	0.48	0.99	3.03	5.11	1.54
MRFBM1FB9_COS		330.58	-58.70	164.43	-65.63	37.26	4.86	1.82	9.07	-1.26	-1.37	0.10	2.49	0.81	-0.47	-0.84	-0.34
MRFBM1FB9_SIN		0.00	-6.05	43.63	-78.19	-13.14	-0.42	3.38	-2.86	2.66	-0.15	-1.90	-0.44	-1.13	-2.01	-3.56	0.09
MRFBM1TOR26P5_COS		-341.92	89.60	-0.65	0.37	-0.30	0.30	0.07	0.04	0.15	0.13	0.06	0.13	0.00	-0.01	0.07	-0.07
MRFBM1TOR26P5_SIN		0.00	-86.74	-0.17	-0.03	-0.24	-0.16	0.23	0.14	0.17	-0.03	-0.09	0.08	-0.04	-0.07	-0.16	0.05

RUN	POINT	Harmonics															
58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1020.40	-1276.61	-54.98	217.28	-64.07	-61.91	-4.79	-51.48	15.10	30.98	-5.64	-36.45	-4.52	14.62	37.97	-2.55
MRPC1CB33P25_SIN		0.00	81.31	-32.31	18.47	11.05	-22.83	-3.31	50.88	-36.63	1.50	33.28	31.81	15.05	16.59	39.31	-0.20
MRPC1FB33P25_COS		2173.44	60.90	-332.03	266.39	-231.09	-40.05	-10.50	-132.76	-24.62	-11.98	10.79	-46.38	-0.38	41.29	94.48	-1.29
MRPC1FB33P25_SIN		0.00	108.85	-92.70	207.40	79.02	4.26	-8.88	71.28	-58.54	-16.41	75.37	24.36	32.14	44.92	102.97	-0.58
MRPC1TOR25P5_COS		-783.50	-31.32	-6.79	-58.97	26.34	6.21	-23.53	-7.10	-10.22	-4.33	-0.63	-12.03	-2.75	-1.31	-11.57	-4.06
MRPC1TOR25P5_SIN		0.00	86.61	-54.16	-11.55	-5.34	6.81	-0.96	-51.23	-2.80	6.57	14.27	6.09	5.07	6.34	11.91	1.47
MRPLK1LOAD_COS		-72.79	6.68	1.09	-7.24	3.89	0.98	-2.88	-0.48	-1.27	-0.85	-0.01	-2.08	-0.11	-0.49	-2.77	-0.09
MRPLK1LOAD_SIN		0.00	-13.58	-2.21	-2.57	-0.66	1.43	-0.46	-6.48	-0.08	0.43	1.96	0.06	0.72	0.97	1.67	0.15
PITCHRH_COS		11232.38	-8194.41	-382.47	-49.31	-69.05	-449.78	107.67	-47.49	57.07	-10.31	-95.28	-77.52	25.33	-10.03	18.02	519.17
PITCHRH_SIN		0.00	2204.96	-425.11	63.47	87.79	373.02	188.68	3.70	91.74	-116.87	-84.30	-31.67	-40.16	45.54	-3.48	247.76
ROLLRH_COS		1435.97	-2034.69	395.57	-54.37	-21.08	-879.98	-67.35	13.10	92.49	95.80	116.98	-35.43	42.56	27.85	-3.08	-534.67
ROLLRH_SIN		0.00	-7969.58	-484.17	-65.32	176.92	-438.33	-71.98	-38.37	-85.33	61.82	17.38	-70.00	0.81	2.29	-15.27	665.54
TORQ_COS		35352.91	287.81	7.63	-6.30	-70.45	167.70	-4.30	-1.59	-13.27	0.31	20.64	6.07	-0.18	0.22	-6.75	-11.28
TORQ_SIN		0.00	631.46	-18.80	10.47	36.24	40.60	5.59	2.16	14.43	-5.84	-50.45	6.63	-6.28	2.85	-2.49	0.76
THRUST_COS		5745.74	-37.78	7.65	-2.58	16.86	9.95	-2.07	0.44	2.23	-1.95	-23.36	5.08	-0.74	0.63	-3.50	4.92
THRUST_SIN		0.00	-75.87	5.25	2.80	16.91	-12.75	4.58	1.89	-2.59	1.24	-31.76	-1.99	0.97	-1.84	6.91	-13.83

RUN	POINT	Harmonics															
58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.11	54.65	-11.60	-1.23	-67.64	72.60	4.57	-1.81	-0.61	-4.60	-7.37	1.62	-1.47	-0.76	0.02	14.83
SIDERH_SIN		0.00	189.39	10.40	0.46	-46.14	-48.77	8.45	0.05	1.68	-2.47	-0.90	3.64	0.22	-0.61	0.22	-19.39
DRAGRH_COS		-221.40	215.15	8.50	0.72	-7.95	-12.43	-22.34	1.69	-1.39	1.11	23.05	5.49	0.90	0.01	-0.84	-24.58
DRAGRH_SIN		0.00	-67.80	13.64	-0.14	26.28	43.59	-24.37	1.12	0.20	5.68	9.10	-0.03	1.62	-3.04	0.76	-8.62

RUN	POINT	Harmonics															
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.60	0.15	0.13	-3.56	-2.20	-0.44	0.31	0.29	-0.04	-0.03	0.08	0.28	0.11	0.02	-0.01	0.08
ACT1FORCE_SIN		0.00	10.07	1.96	0.71	0.49	-0.83	-0.39	-0.34	0.02	0.01	0.04	-0.01	-0.13	0.07	0.03	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		323.31	-11.92	-4.90	29.62	18.68	8.50	-0.03	-0.03	-0.01	0.00	0.01	0.00	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-76.55	-15.90	-9.08	-2.45	9.72	0.00	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.45	12.01	4.94	-29.65	-18.73	-8.58	0.01	0.03	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	76.69	15.95	9.16	2.51	-9.71	-0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	-0.01
MRBLD1CB42P75_COS		-3751.71	-1367.04	21.48	177.87	-48.83	-65.85	-30.77	-61.32	37.11	63.93	-12.36	-49.43	-9.99	14.44	32.27	-5.96
MRBLD1CB42P75_SIN		0.00	111.38	-56.38	60.16	65.92	-22.63	15.69	80.03	-34.31	7.63	2.01	38.82	15.37	19.04	47.57	-6.19

RUN	POINT	Harmonics															
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2834.90	-739.55	305.81	101.95	-5.72	-10.51	-74.43	-45.42	27.78	61.24	7.76	-21.26	-5.56	13.57	18.39	-3.23
MRBLD1CB70_SIN		0.00	98.39	-81.65	81.07	177.64	-7.45	60.15	71.63	-13.33	4.04	-32.02	29.30	11.91	12.25	38.29	-10.08
MRBLD1CB120_COS		-536.79	-246.06	420.21	75.16	-2.60	66.48	-72.85	-12.56	-14.27	-18.53	23.08	21.94	4.65	0.12	-0.81	3.26
MRBLD1CB120_SIN		0.00	148.50	-140.67	19.52	206.27	3.10	66.53	42.29	19.26	-12.30	-0.25	-20.63	-3.43	-1.90	1.38	-1.48
MRBLD1CB164_COS		-1962.21	-85.56	136.56	-16.19	-48.70	34.40	-25.96	16.20	-25.57	-36.79	7.09	17.42	8.21	1.51	-1.69	-3.43
MRBLD1CB164_SIN		0.00	92.75	-52.56	17.58	94.51	14.57	21.14	-10.42	9.67	-15.10	25.42	-15.26	1.37	-3.96	-29.00	2.81
MRBLD1FB42P75_COS		3030.04	108.34	-410.97	333.38	-192.85	-20.90	-13.35	-89.68	-52.41	-19.65	59.99	-16.71	25.93	64.91	138.58	-9.41
MRBLD1FB42P75_SIN		0.00	-32.25	-31.91	174.01	169.46	36.17	-0.32	158.33	-43.39	-7.14	60.62	45.12	19.46	-2.22	-11.91	-2.10
MRBLD1FB70_COS		418.91	-66.83	-204.30	77.25	-73.17	-7.55	-0.57	-3.95	3.82	5.17	0.73	-0.78	-3.50	-9.46	-28.52	0.85
MRBLD1FB70_SIN		0.00	-154.49	-0.20	59.52	40.28	1.13	2.63	36.61	-0.88	1.36	2.79	3.38	1.13	1.34	-0.05	-1.55
MRBLD1FB87_COS		-69.39	-36.02	-169.22	9.67	-53.25	-13.99	-5.14	8.58	12.50	6.35	-9.48	6.73	-3.41	-13.29	-28.77	1.29
MRBLD1FB87_SIN		0.00	-158.36	31.52	67.12	29.16	4.66	-2.66	-16.92	-0.29	-4.61	-17.35	-13.98	-5.42	0.47	4.98	4.45
MRBLD1FB120_COS		-455.55	-20.16	-244.66	-9.25	-8.72	-1.38	3.82	8.69	-10.42	-8.72	2.09	-1.27	5.25	16.78	42.95	-1.85
MRBLD1FB120_SIN		0.00	-211.96	50.81	112.84	21.07	5.08	-2.17	-51.22	6.48	7.08	6.03	3.55	2.24	-4.19	-10.09	-8.99
MRBLD1FB164_COS		-105.82	18.69	-354.94	79.50	187.18	51.44	16.42	-19.47	8.04	14.43	-5.94	1.25	1.39	-5.12	-23.58	1.02
MRBLD1FB164_SIN		0.00	-268.49	54.34	115.84	-24.13	-43.43	-16.90	54.24	-7.57	-3.66	-11.51	-7.79	-3.47	-3.40	3.49	8.96

RUN	POINT	Harmonics															
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.94	0.09	-214.45	48.35	149.22	31.88	-13.12	-18.71	21.23	20.32	-12.66	17.01	5.57	16.10	53.38	-4.75
MRBLD1FB180_SIN		0.00	-183.28	32.00	49.36	-23.81	-34.95	-4.29	56.38	-15.39	-14.86	-32.55	-23.59	-4.59	-7.04	-16.21	-13.76
MRBLD1TOR51_COS		-1388.62	50.55	-19.13	52.67	-30.60	-13.76	13.73	1.66	8.05	5.06	0.94	4.78	1.68	3.47	11.96	0.59
MRBLD1TOR51_SIN		0.00	-44.68	0.76	30.23	10.23	-3.13	3.25	48.37	-2.06	-6.45	-9.62	-2.42	-2.04	-1.62	6.08	-1.67
MRBLD1TOR71_COS		-246.17	59.19	-27.22	36.10	-18.59	-8.98	16.29	7.97	6.50	2.42	0.61	6.35	2.06	1.44	6.57	2.18
MRBLD1TOR71_SIN		0.00	-48.98	-1.95	13.12	-1.04	-3.41	4.87	41.93	2.99	-4.17	-9.67	-3.46	-1.53	-1.88	3.60	-0.40
MRBLD1TOR130_COS		-6.87	56.01	-6.48	27.33	0.91	-7.37	13.24	4.53	4.70	1.74	-0.75	-5.15	-0.12	0.47	-4.66	-0.98
MRBLD1TOR130_SIN		0.00	-39.67	-2.09	1.79	0.62	-0.03	6.26	36.27	2.72	-1.31	2.92	1.20	4.32	3.53	0.91	0.16
MRBLD1TOR164_COS		-210.82	36.91	48.39	6.92	-20.52	-14.46	0.52	5.32	4.65	3.66	1.67	-0.57	0.96	3.69	3.10	0.82
MRBLD1TOR164_SIN		0.00	-9.54	-4.45	-20.53	-3.53	4.97	7.47	14.58	-0.32	-1.66	-0.10	0.18	3.15	5.21	6.80	-1.17
MRFBM1CB26P5_COS		-4450.98	-594.38	-35.83	75.77	2.25	-21.72	11.57	-6.64	-0.61	-2.90	-5.49	-3.36	0.35	1.55	5.14	0.05
MRFBM1CB26P5_SIN		0.00	-13.67	-0.09	-14.08	-29.37	-10.74	-12.99	3.57	-8.93	0.68	11.23	0.33	1.01	2.88	5.72	1.19
MRFBM1FB9_COS		338.82	-67.64	166.08	-57.38	33.80	4.41	2.51	9.31	-1.35	-1.45	0.15	2.27	0.77	-0.29	-0.59	-0.34
MRFBM1FB9_SIN		0.00	-16.67	40.95	-77.88	-16.58	-2.70	3.48	-3.60	2.52	-0.16	-1.65	-0.27	-1.13	-2.09	-3.79	0.27
MRFBM1TOR26P5_COS		-341.90	89.65	-0.65	0.36	-0.37	0.29	0.03	0.06	0.14	0.10	0.04	0.12	0.00	-0.03	0.07	-0.07
MRFBM1TOR26P5_SIN		0.00	-86.88	-0.19	-0.02	-0.24	-0.17	0.20	0.16	0.20	-0.04	-0.12	0.07	-0.05	-0.07	-0.13	0.05

RUN	POINT	Harmonics															
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1011.76	-1277.72	-61.52	205.91	-58.05	-58.69	-6.16	-51.70	15.34	30.41	-7.76	-34.43	-3.16	15.02	35.89	-4.50
MRPC1CB33P25_SIN		0.00	119.56	-25.46	21.50	16.40	-16.07	-5.83	57.17	-36.05	-0.40	24.63	25.61	13.41	17.97	44.31	-3.71
MRPC1FB33P25_COS		2178.31	60.99	-329.68	242.54	-197.27	-28.38	-12.58	-130.54	-20.37	-8.77	10.24	-39.43	4.13	42.95	90.06	-5.57
MRPC1FB33P25_SIN		0.00	97.01	-93.28	208.96	100.41	23.72	-6.06	83.70	-58.76	-17.82	74.58	22.15	31.74	49.41	113.87	-9.76
MRPC1TOR25P5_COS		-784.56	-32.41	-4.95	-56.27	26.02	7.49	-22.67	-9.78	-10.81	-4.97	-1.13	-11.70	-2.30	-0.75	-11.08	-3.14
MRPC1TOR25P5_SIN		0.00	84.65	-54.18	-13.45	-6.22	5.41	-1.60	-52.93	-3.52	6.19	13.20	5.23	4.93	6.77	10.39	0.52
MRPLK1LOAD_COS		-72.84	6.56	1.29	-6.84	3.76	1.11	-2.79	-0.83	-1.34	-0.82	0.01	-2.02	-0.11	-0.35	-2.60	0.15
MRPLK1LOAD_SIN		0.00	-13.66	-2.29	-2.82	-0.91	1.23	-0.56	-6.80	-0.19	0.42	1.92	0.00	0.75	1.00	1.27	0.08
PITCHRH_COS		11334.94	-8200.55	-390.00	-48.57	-65.48	-247.36	83.01	-48.20	43.37	-32.49	-82.81	-61.94	34.08	-3.45	11.95	486.92
PITCHRH_SIN		0.00	2205.15	-431.05	63.44	92.56	308.10	178.16	4.25	60.22	-120.87	-113.68	-15.05	-34.73	39.04	-1.48	277.93
ROLLRH_COS		1671.73	-1992.85	389.88	-62.31	-17.50	-952.49	-33.75	-0.01	122.41	112.43	115.16	-45.75	38.78	31.18	11.51	-527.51
ROLLRH_SIN		0.00	-7948.74	-484.63	-73.77	183.07	-175.80	-58.35	-28.15	-88.42	18.27	9.21	-71.91	-4.47	-2.12	5.55	587.18
TORQ_COS		35270.51	306.60	8.21	-6.86	-70.02	161.20	-3.71	2.06	-13.23	1.14	23.89	6.46	-2.75	0.15	-6.74	-11.52
TORQ_SIN		0.00	622.06	-17.89	10.29	23.72	40.23	5.24	-0.57	17.78	-2.79	-47.37	6.27	-5.43	3.20	-4.27	-1.78
THRUST_COS		5764.29	-36.67	8.22	-1.57	16.10	3.11	-2.90	2.84	2.52	-1.80	-15.34	4.86	-1.45	0.68	-5.92	2.84
THRUST_SIN		0.00	-75.53	6.51	4.39	19.22	-19.90	3.61	1.49	-1.74	2.21	-30.94	-2.18	1.51	-1.38	5.63	-13.60

RUN	POINT	Harmonics															
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.31	46.28	-11.13	-1.06	-65.68	64.82	4.36	-1.76	-1.58	-5.24	-7.30	2.13	-1.33	-0.80	-0.42	14.57
SIDERH_SIN		0.00	187.80	10.27	0.44	-48.04	-68.98	6.37	0.12	1.84	-0.27	-0.66	3.87	0.47	-0.35	-0.53	-17.29
DRAGRH_COS		-220.52	215.32	8.78	1.11	-6.45	1.56	-22.87	2.42	-0.34	1.30	20.17	5.03	1.48	-0.08	-1.05	-23.35
DRAGRH_SIN		0.00	-66.86	14.35	-0.02	26.04	67.30	-19.88	2.27	-0.67	7.26	11.18	-0.95	0.90	-2.27	1.06	-9.92

RUN	POINT	Harmonics															
58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.78	0.17	0.12	-3.54	-2.15	-0.43	0.33	0.29	-0.02	0.00	0.09	0.29	0.10	0.02	-0.02	0.09
ACT1FORCE_SIN		0.00	9.94	1.89	0.69	0.41	-0.88	-0.35	-0.38	0.02	0.01	0.04	0.02	-0.12	0.10	0.03	0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		323.42	-12.29	-6.48	29.55	18.91	7.59	-0.03	-0.03	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-75.82	-15.43	-8.08	-2.18	9.61	-0.01	-0.02	0.00	-0.02	0.00	0.00	-0.01	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.35	12.41	6.54	-29.56	-18.96	-7.67	0.01	0.02	0.01	0.01	0.00	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	75.95	15.47	8.20	2.27	-9.60	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.02	0.00
MRBLD1CB42P75_COS		-3761.14	-1493.62	28.88	184.03	-51.12	-69.21	-31.17	-65.30	28.07	63.27	-11.49	-57.56	-16.14	10.51	30.79	-8.63
MRBLD1CB42P75_SIN		0.00	83.46	-56.08	70.32	66.22	-18.37	15.50	100.98	-32.82	10.07	1.08	39.81	15.80	18.94	51.63	-1.41

RUN	POINT	Harmonics															
58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2836.40	-815.40	312.04	107.77	0.52	-19.72	-73.79	-47.70	23.27	61.61	11.35	-27.12	-9.13	11.22	16.25	-5.06
MRBLD1CB70_SIN		0.00	73.60	-85.26	90.02	179.68	-4.61	56.97	88.46	-11.29	5.97	-32.62	30.14	12.33	11.25	41.64	-4.82
MRBLD1CB120_COS		-528.85	-270.51	422.87	81.05	5.81	57.62	-67.73	-10.81	-11.25	-18.76	23.02	25.34	6.78	0.98	-0.39	3.12
MRBLD1CB120_SIN		0.00	128.57	-145.99	27.45	203.70	2.44	60.99	50.22	22.28	-13.95	-0.06	-21.99	-3.94	-2.82	0.35	-2.13
MRBLD1CB164_COS		-1960.21	-90.95	136.14	-13.84	-45.18	30.82	-22.39	19.14	-22.41	-37.48	3.55	20.89	9.72	2.07	-0.84	-2.00
MRBLD1CB164_SIN		0.00	85.91	-53.57	22.98	92.79	14.03	18.92	-13.48	11.47	-17.32	24.90	-16.84	0.35	-4.19	-31.03	-0.34
MRBLD1FB42P75_COS		3034.80	139.88	-410.19	358.23	-207.95	-20.29	-10.47	-75.73	-58.66	-27.49	51.12	-25.65	17.95	59.32	141.02	-8.64
MRBLD1FB42P75_SIN		0.00	-28.62	-21.02	196.58	144.49	30.84	1.73	196.53	-33.77	-4.86	62.96	47.69	24.30	0.61	-10.89	6.97
MRBLD1FB70_COS		417.74	-69.30	-203.99	85.09	-77.72	-7.73	-0.08	-1.56	2.96	5.17	1.22	-0.09	-2.43	-8.29	-29.31	0.70
MRBLD1FB70_SIN		0.00	-154.30	3.70	68.31	33.63	0.30	2.50	43.19	0.13	1.33	2.75	3.38	0.61	0.91	-0.44	-3.43
MRBLD1FB87_COS		-71.29	-37.28	-167.54	15.52	-53.87	-13.88	-5.63	6.78	12.99	7.62	-7.71	8.52	-2.12	-12.40	-29.22	1.41
MRBLD1FB87_SIN		0.00	-156.65	34.22	71.96	26.03	4.11	-2.86	-20.48	-1.65	-4.90	-17.43	-14.58	-6.51	-0.17	5.00	3.01
MRBLD1FB120_COS		-459.51	-24.45	-243.71	-4.05	-7.20	-1.49	3.45	5.94	-9.33	-8.96	0.35	-2.95	4.28	15.49	43.49	-2.14
MRBLD1FB120_SIN		0.00	-205.78	55.82	118.36	22.83	4.98	-1.50	-60.37	4.35	6.50	6.24	4.18	3.66	-3.22	-9.74	-6.41
MRBLD1FB164_COS		-105.15	16.61	-352.82	86.22	192.30	52.06	18.60	-17.73	5.56	13.13	-4.90	1.50	0.58	-5.19	-24.24	0.99
MRBLD1FB164_SIN		0.00	-259.25	57.60	118.98	-14.10	-44.54	-18.72	65.89	-3.78	-2.60	-12.08	-8.35	-4.08	-3.03	4.08	8.18

RUN	POINT	Harmonics															
58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.66	-0.76	-212.43	51.35	153.03	32.50	-12.83	-17.99	18.37	19.25	-11.41	17.85	5.85	14.20	53.82	-5.55
MRBLD1FB180_SIN		0.00	-177.93	33.38	49.79	-18.17	-37.02	-6.39	67.70	-13.27	-14.75	-33.72	-24.62	-5.35	-6.82	-16.24	-11.48
MRBLD1TOR51_COS		-1387.08	50.38	-18.22	54.95	-31.77	-14.84	12.57	3.43	7.18	5.07	1.28	4.61	1.17	2.75	12.07	-0.29
MRBLD1TOR51_SIN		0.00	-45.11	2.26	33.31	6.79	-4.19	4.51	56.24	-1.32	-6.78	-9.87	-2.38	-1.89	-1.75	5.62	-1.93
MRBLD1TOR71_COS		-245.30	60.03	-26.76	37.07	-19.63	-10.01	15.19	9.88	6.20	2.77	1.14	6.90	2.18	0.98	6.52	1.73
MRBLD1TOR71_SIN		0.00	-49.25	-0.68	15.17	-3.18	-4.12	6.13	47.57	3.64	-4.42	-9.77	-3.25	-1.30	-2.08	3.43	-0.87
MRBLD1TOR130_COS		-6.10	56.25	-5.75	27.40	0.30	-8.60	12.48	5.97	4.20	1.57	-1.14	-5.32	-0.03	0.56	-5.01	-0.58
MRBLD1TOR130_SIN		0.00	-39.92	-1.52	2.33	0.27	-0.36	7.10	41.37	3.46	-1.19	3.03	1.43	4.42	3.40	1.85	0.70
MRBLD1TOR164_COS		-210.56	37.04	48.37	6.04	-21.02	-15.40	-0.52	6.03	4.87	3.81	1.28	-0.74	1.08	3.73	3.08	0.86
MRBLD1TOR164_SIN		0.00	-10.71	-4.70	-21.17	-5.00	4.78	7.87	16.60	-0.32	-1.74	-0.09	0.10	3.06	4.72	7.54	-0.86
MRFBM1CB26P5_COS		-4456.11	-657.07	-32.57	76.58	-1.57	-20.69	11.33	-7.08	-1.91	-3.17	-6.53	-3.67	-0.15	1.34	5.52	-0.39
MRFBM1CB26P5_SIN		0.00	-30.79	1.60	-13.84	-29.39	-9.24	-12.19	5.28	-8.84	0.57	11.05	0.40	0.82	3.01	5.83	0.91
MRFBM1FB9_COS		349.74	-24.59	162.25	-61.89	33.76	4.32	2.34	10.26	-0.91	-1.28	0.14	2.48	0.94	-0.22	-0.52	-0.10
MRFBM1FB9_SIN		0.00	-22.28	36.93	-85.74	-13.33	-2.13	3.02	-5.58	2.39	-0.10	-1.51	-0.08	-0.96	-2.02	-3.93	0.14
MRFBM1TOR26P5_COS		-341.36	89.91	-0.63	0.39	-0.39	0.26	0.01	0.06	0.16	0.11	0.06	0.11	-0.01	-0.03	0.08	-0.08
MRFBM1TOR26P5_SIN		0.00	-88.53	-0.16	0.01	-0.25	-0.18	0.24	0.19	0.19	-0.03	-0.11	0.06	-0.04	-0.06	-0.17	0.04

RUN	POINT	Harmonics															
58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1018.41	-1388.69	-54.83	210.44	-64.38	-58.12	-5.83	-53.63	7.56	28.84	-9.49	-39.89	-7.72	11.68	35.39	-7.61
MRPC1CB33P25_SIN		0.00	101.42	-24.54	28.46	14.25	-12.37	-4.69	74.40	-34.52	0.42	23.79	25.79	13.69	17.62	46.83	0.05
MRPC1FB33P25_COS		2182.21	91.43	-331.20	258.95	-204.13	-26.52	-10.74	-135.18	-29.44	-16.55	2.43	-47.91	-5.29	36.71	90.11	-13.59
MRPC1FB33P25_SIN		0.00	103.22	-83.81	232.06	76.32	20.19	-4.07	118.71	-53.47	-20.05	71.01	18.45	29.69	47.25	118.60	-3.35
MRPC1TOR25P5_COS		-786.41	-29.28	-8.59	-57.76	26.91	7.80	-21.14	-12.69	-10.44	-5.64	-2.35	-12.31	-2.77	-1.05	-12.12	-3.20
MRPC1TOR25P5_SIN		0.00	83.26	-54.23	-15.00	-3.23	7.31	-3.00	-59.74	-3.85	6.47	13.20	5.36	4.76	6.13	12.99	2.14
MRPLK1LOAD_COS		-73.02	6.34	1.18	-7.17	4.00	1.28	-2.57	-1.14	-1.27	-0.85	-0.18	-2.02	-0.09	-0.37	-2.87	0.18
MRPLK1LOAD_SIN		0.00	-14.12	-2.40	-3.16	-0.44	1.42	-0.75	-7.80	-0.27	0.42	1.93	0.01	0.73	0.84	1.80	0.36
PITCHRH_COS		10582.90	-8197.19	-380.96	-48.58	-64.39	-380.04	81.91	-38.13	48.19	-26.34	-135.56	-65.19	17.13	-0.85	3.26	522.44
PITCHRH_SIN		0.00	2220.71	-429.70	46.39	95.61	233.58	187.06	4.24	78.51	-135.85	-138.43	-10.09	-27.77	33.73	2.78	318.09
ROLLRH_COS		1736.37	-2018.46	393.14	-61.12	-22.97	-799.74	-73.08	-1.84	115.02	118.34	116.61	-39.50	24.64	25.16	-9.23	-564.40
ROLLRH_SIN		0.00	-7941.97	-486.97	-68.72	176.89	-272.76	-72.85	-19.57	-87.11	32.27	-4.34	-70.50	5.97	2.76	-0.41	728.36
TORQ_COS		35253.72	303.74	8.15	-4.12	-57.58	164.20	-1.79	1.41	-7.26	-0.88	29.31	5.48	-0.35	-0.49	-6.36	-8.92
TORQ_SIN		0.00	629.18	-13.01	11.70	20.21	30.03	5.25	-3.11	16.69	-3.79	-47.70	4.52	-6.98	3.58	-2.06	-1.98
THRUST_COS		5794.93	-38.45	7.82	-0.89	14.46	4.50	-2.32	1.39	2.53	-1.26	-10.81	4.13	0.15	0.29	-5.28	8.86
THRUST_SIN		0.00	-77.13	6.29	1.85	18.21	-17.65	4.36	-0.83	-2.47	1.65	-29.77	-3.56	0.82	-1.67	5.72	-18.97

RUN	POINT	Harmonics															
58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.92	50.64	-11.29	-1.37	-59.90	59.77	5.13	-1.96	-1.29	-5.69	-7.39	2.03	-0.85	-0.54	0.18	15.76
SIDERH_SIN		0.00	185.37	10.58	0.29	-48.33	-56.28	8.38	-0.32	1.79	-1.22	-0.27	3.96	-0.06	-0.61	-0.36	-21.26
DRAGRH_COS		-226.15	214.90	7.88	1.27	-6.69	7.73	-20.59	2.23	-1.41	1.06	22.93	5.47	0.94	0.01	-0.56	-25.69
DRAGRH_SIN		0.00	-67.65	14.47	0.85	23.34	51.67	-22.88	2.72	-1.06	7.43	13.51	-1.23	1.54	-2.27	0.60	-12.48

RUN	POINT	Harmonics															
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.77	0.19	-0.03	-3.53	-2.14	-0.48	0.33	0.27	0.00	0.00	0.13	0.26	0.12	0.03	-0.01	0.10
ACT1FORCE_SIN		0.00	9.86	2.02	0.90	0.36	-0.79	-0.42	-0.35	0.07	0.02	0.06	-0.01	-0.13	0.10	0.09	0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		322.38	-12.12	-5.03	29.72	18.88	8.12	-0.03	-0.04	-0.02	0.00	0.00	0.01	0.00	-0.01	-0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-75.07	-16.37	-9.99	-1.65	9.89	-0.01	-0.01	0.01	-0.02	-0.01	0.00	-0.01	0.00	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.40	12.21	5.07	-29.74	-18.93	-8.19	0.01	0.03	0.02	0.00	0.01	-0.01	0.01	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	75.20	16.41	10.08	1.70	-9.88	0.00	0.01	0.00	0.02	0.01	0.01	0.01	0.00	0.02	-0.01
MRBLD1CB42P75_COS		-3758.27	-1460.55	41.93	195.85	-37.28	-64.97	-34.84	-61.90	36.55	63.47	-1.27	-60.17	-13.67	15.48	37.89	-2.17
MRBLD1CB42P75_SIN		0.00	80.59	-58.94	61.25	71.36	-26.55	24.01	83.67	-35.19	5.68	19.77	49.36	17.64	20.66	48.88	-2.33

RUN	POINT	Harmonics															
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2841.87	-793.31	320.41	118.45	20.50	-8.32	-73.46	-44.18	28.91	60.45	14.17	-27.52	-8.41	13.91	19.55	-0.13
MRBLD1CB70_SIN		0.00	62.18	-83.94	83.90	180.30	-9.99	66.46	76.17	-14.98	1.12	-22.69	38.27	13.81	12.35	38.75	-8.99
MRBLD1CB120_COS		-524.98	-260.24	428.18	91.88	27.52	68.40	-62.91	-10.58	-13.05	-17.93	17.17	26.20	6.43	0.62	-1.88	2.88
MRBLD1CB120_SIN		0.00	113.67	-141.23	19.72	201.62	-0.32	68.48	43.34	17.03	-11.70	-10.22	-26.49	-5.07	-3.59	0.13	-1.34
MRBLD1CB164_COS		-1958.60	-88.93	135.63	-9.14	-36.19	35.14	-19.56	17.13	-25.29	-35.95	2.68	22.03	10.36	1.37	-1.68	-5.22
MRBLD1CB164_SIN		0.00	81.42	-51.15	20.38	92.16	15.78	20.79	-10.77	9.90	-12.51	17.24	-22.63	-1.02	-4.87	-29.86	1.24
MRBLD1FB42P75_COS		3029.90	131.89	-401.08	384.07	-187.73	-37.15	-11.02	-92.04	-53.08	-11.53	73.77	-26.06	22.74	66.39	143.96	-0.20
MRBLD1FB42P75_SIN		0.00	-21.48	-28.68	169.96	143.44	23.19	17.29	168.42	-38.87	-1.67	68.06	55.65	22.53	-5.36	-21.50	-2.35
MRBLD1FB70_COS		415.82	-69.53	-200.29	94.92	-70.37	-11.48	0.28	-4.03	3.30	4.78	1.28	0.12	-2.52	-9.17	-29.86	-1.22
MRBLD1FB70_SIN		0.00	-149.48	0.77	60.06	33.28	-2.57	5.37	36.60	-1.67	0.61	2.38	2.48	0.06	1.39	1.48	-1.78
MRBLD1FB87_COS		-72.12	-37.35	-166.50	20.22	-51.53	-14.60	-5.37	8.18	12.27	4.90	-13.06	8.24	-3.62	-14.19	-29.95	-0.43
MRBLD1FB87_SIN		0.00	-150.83	32.57	68.11	24.69	2.99	-3.69	-18.14	-0.85	-5.39	-18.99	-16.71	-5.99	1.34	7.83	5.41
MRBLD1FB120_COS		-459.28	-25.04	-244.56	-0.92	-9.67	1.07	3.12	9.24	-9.74	-7.94	2.50	-2.73	5.46	17.46	44.29	0.07
MRBLD1FB120_SIN		0.00	-198.18	53.40	120.20	21.85	8.67	-5.09	-51.29	6.24	7.26	6.97	5.72	3.82	-4.88	-13.69	-9.49
MRBLD1FB164_COS		-107.04	15.35	-346.03	91.54	183.85	56.30	15.04	-21.31	6.37	12.46	-8.02	1.49	-0.04	-6.43	-24.14	0.71
MRBLD1FB164_SIN		0.00	-254.88	50.62	121.32	-16.22	-38.10	-17.70	55.61	-5.98	-4.20	-13.64	-10.51	-4.18	-2.00	5.62	9.30

RUN	POINT	Harmonics															
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.48	-0.98	-206.75	53.95	147.63	33.26	-14.86	-20.62	19.27	15.42	-22.19	16.97	3.46	14.86	54.65	-3.42
MRBLD1FB180_SIN		0.00	-175.32	28.91	50.67	-19.48	-35.21	-2.82	56.97	-15.93	-17.88	-36.53	-27.90	-4.10	-7.52	-21.84	-15.64
MRBLD1TOR51_COS		-1387.19	50.15	-16.81	57.77	-29.18	-12.49	13.34	0.70	7.76	4.58	-0.19	4.40	0.77	3.23	13.69	1.86
MRBLD1TOR51_SIN		0.00	-44.90	1.15	29.79	6.86	-4.18	6.17	49.74	-2.15	-6.97	-10.93	-3.09	-2.42	-1.99	5.55	-1.75
MRBLD1TOR71_COS		-244.97	59.67	-25.84	38.81	-18.30	-7.66	16.16	7.34	6.36	1.81	-0.85	6.67	1.69	1.15	7.58	2.83
MRBLD1TOR71_SIN		0.00	-48.35	-1.63	12.69	-3.35	-3.55	6.93	42.93	2.84	-4.90	-11.69	-4.36	-1.80	-2.28	3.23	-0.77
MRBLD1TOR130_COS		-5.56	55.89	-5.29	28.15	0.43	-6.30	13.24	4.01	4.45	1.19	-1.34	-6.13	0.26	0.50	-5.49	-1.89
MRBLD1TOR130_SIN		0.00	-39.09	-2.27	0.75	0.12	0.23	7.40	36.91	2.60	-1.09	3.47	1.08	4.37	3.55	1.07	0.10
MRBLD1TOR164_COS		-209.74	37.12	47.49	5.52	-19.87	-14.54	0.55	5.23	4.79	3.24	0.77	-0.75	1.35	3.95	2.61	-0.07
MRBLD1TOR164_SIN		0.00	-10.97	-4.16	-21.83	-4.74	3.60	8.66	14.67	-0.93	-1.91	-0.65	-0.17	3.19	4.87	6.31	-1.34
MRFBM1CB26P5_COS		-4453.67	-640.21	-26.96	77.91	-2.87	-21.52	10.27	-7.13	-1.06	-2.57	-4.60	-4.29	0.19	1.81	6.34	0.11
MRFBM1CB26P5_SIN		0.00	-27.26	-0.10	-16.44	-27.10	-10.42	-11.91	3.73	-7.98	1.51	13.23	0.32	1.06	3.06	5.81	2.01
MRFBM1FB9_COS		342.84	-31.01	154.46	-70.20	31.00	4.86	3.01	9.68	-1.36	-1.58	0.05	2.70	0.84	-0.45	-0.89	-0.51
MRFBM1FB9_SIN		0.00	-21.66	39.34	-81.84	-14.38	-0.89	1.79	-3.96	2.35	-0.45	-2.40	-0.26	-1.14	-2.29	-4.05	-0.12
MRFBM1TOR26P5_COS		-341.35	89.92	-0.65	0.39	-0.37	0.27	0.06	0.06	0.17	0.11	0.06	0.15	-0.01	-0.02	0.09	-0.04
MRFBM1TOR26P5_SIN		0.00	-88.65	-0.16	-0.03	-0.24	-0.17	0.26	0.16	0.18	-0.05	-0.12	0.09	-0.05	-0.07	-0.14	0.05

RUN	POINT	Harmonics															
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1015.32	-1360.38	-42.29	220.38	-56.71	-58.87	-9.57	-53.14	14.22	30.77	0.37	-42.83	-5.59	16.28	41.44	-1.57
MRPC1CB33P25_SIN		0.00	98.79	-29.52	18.51	19.91	-19.62	2.15	59.73	-35.45	0.37	37.51	31.86	14.84	19.00	44.77	0.23
MRPC1FB33P25_COS		2177.70	83.53	-323.17	284.30	-186.23	-37.28	-16.58	-136.23	-22.82	-5.62	16.11	-53.19	-0.57	45.64	100.24	-0.88
MRPC1FB33P25_SIN		0.00	108.13	-88.84	214.63	79.83	9.23	8.09	90.24	-55.10	-9.86	88.01	24.07	31.53	49.27	114.36	-1.15
MRPC1TOR25P5_COS		-785.42	-29.19	-9.49	-59.43	25.75	5.54	-22.37	-9.06	-10.67	-4.68	0.35	-13.52	-1.98	-0.91	-13.15	-5.90
MRPC1TOR25P5_SIN		0.00	83.63	-53.35	-11.99	-3.48	6.87	-3.96	-53.92	-2.83	7.06	16.14	6.55	5.38	6.99	11.33	1.54
MRPLK1LOAD_COS		-73.02	6.39	1.01	-7.44	3.69	0.95	-2.78	-0.71	-1.35	-0.84	0.08	-2.30	-0.02	-0.41	-3.08	-0.42
MRPLK1LOAD_SIN		0.00	-14.15	-2.26	-2.62	-0.38	1.37	-0.95	-6.95	-0.14	0.51	2.21	0.05	0.81	1.02	1.42	0.15
PITCHRH_COS		10706.38	-8202.61	-380.82	-53.39	-76.46	-381.62	71.24	-42.30	40.88	-19.62	-92.83	-65.06	21.12	8.95	10.11	557.84
PITCHRH_SIN		0.00	2217.97	-427.26	48.02	99.18	264.02	202.66	-0.19	65.26	-111.64	-85.62	-33.60	-35.42	43.37	3.46	290.79
ROLLRH_COS		1729.46	-2027.38	395.44	-61.01	-29.94	-740.55	-84.03	9.13	118.04	99.63	117.54	-32.24	31.94	37.05	-4.38	-605.53
ROLLRH_SIN		0.00	-7958.70	-481.55	-77.36	183.27	-203.93	-86.25	-13.31	-95.72	35.38	36.30	-74.90	8.11	1.39	-10.10	678.83
TORQ_COS		35318.60	290.67	9.36	-7.73	-67.14	155.96	-1.40	0.53	-10.83	0.71	18.95	6.63	-1.85	0.20	-6.86	-13.66
TORQ_SIN		0.00	634.92	-19.62	9.58	21.24	39.01	6.86	-0.12	14.37	-4.80	-53.34	6.41	-5.11	2.67	-2.88	-1.36
THRUST_COS		5779.60	-36.97	7.12	-1.46	15.39	9.01	-2.85	1.96	2.58	-2.43	-23.92	5.02	-0.48	0.31	-5.33	3.55
THRUST_SIN		0.00	-78.77	5.51	2.51	16.72	-12.42	4.22	1.11	-1.87	0.80	-35.70	-2.01	1.24	-2.23	6.95	-14.45

RUN	POINT	Harmonics															
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.32	53.35	-11.13	-1.04	-64.40	55.47	4.27	-1.90	-1.39	-4.88	-7.47	1.40	-1.05	-0.88	-0.05	16.62
SIDERH_SIN		0.00	188.02	10.43	0.74	-50.04	-57.46	8.53	-0.37	2.08	-1.32	-1.54	3.95	-0.05	-0.51	-0.12	-19.93
DRAGRH_COS		-224.98	215.71	8.29	1.30	-8.06	10.14	-19.20	1.62	-1.22	1.72	22.87	5.54	1.05	-0.64	-0.58	-26.68
DRAGRH_SIN		0.00	-67.81	14.41	0.70	23.46	41.17	-22.08	2.04	-0.76	5.93	9.89	0.39	0.68	-2.25	0.54	-10.31

RUN	POINT	Harmonics															
58	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.61	0.22	0.30	-3.43	-2.18	-0.30	0.29	0.35	-0.08	-0.04	0.11	0.24	0.14	-0.03	0.01	0.06
ACT1FORCE_SIN		0.00	9.62	1.91	0.62	0.33	-0.80	-0.33	-0.27	0.02	0.01	-0.05	0.04	-0.12	0.07	0.05	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		321.47	-11.85	-6.45	29.03	18.89	6.94	-0.03	-0.02	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-72.89	-15.79	-7.64	-0.15	8.83	-0.01	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		484.31	11.94	6.49	-29.04	-18.94	-7.01	0.01	0.02	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	73.01	15.83	7.72	0.20	-8.83	0.00	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.01	-0.01
MRBLD1CB42P75_COS		-3715.28	-1557.65	0.75	181.99	-58.19	-66.15	-32.59	-69.77	38.66	58.71	-4.56	-52.80	-13.65	13.75	33.36	-8.07
MRBLD1CB42P75_SIN		0.00	-30.17	-65.42	79.12	51.22	-29.81	18.15	73.86	-39.98	9.22	0.31	42.60	13.07	12.57	39.67	-1.59

RUN	POINT	Harmonics															
58	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2853.20	-860.65	294.20	98.61	-11.62	-14.20	-72.62	-52.76	29.22	57.14	13.67	-24.34	-8.53	12.40	16.59	-6.45
MRBLD1CB70_SIN		0.00	0.41	-88.31	100.09	162.20	-25.17	54.85	67.71	-18.05	4.80	-31.08	32.79	10.71	6.69	32.45	-6.46
MRBLD1CB120_COS		-537.38	-291.86	416.04	71.47	-7.92	60.79	-63.51	-15.34	-13.29	-13.18	19.65	22.85	5.26	0.48	-0.09	3.27
MRBLD1CB120_SIN		0.00	98.64	-141.64	35.83	188.55	-17.99	55.75	40.91	16.79	-16.49	1.06	-22.84	-3.09	-1.41	1.36	-1.49
MRBLD1CB164_COS		-1962.30	-95.52	137.67	-16.34	-49.37	33.97	-20.08	17.48	-26.23	-31.95	2.34	18.98	10.10	2.39	-1.32	-1.02
MRBLD1CB164_SIN		0.00	79.83	-51.49	25.68	85.07	5.80	15.82	-8.83	9.03	-18.96	23.58	-18.00	0.66	-1.41	-25.92	1.63
MRBLD1FB42P75_COS		3010.49	160.91	-428.47	363.75	-213.83	-31.96	-14.87	-112.66	-58.79	-22.63	57.04	-23.18	15.84	54.05	126.67	-5.75
MRBLD1FB42P75_SIN		0.00	-2.49	-21.09	221.36	131.83	35.48	6.41	156.42	-51.78	-13.83	57.01	49.07	20.75	-10.41	-26.32	6.14
MRBLD1FB70_COS		418.06	-67.98	-209.14	88.14	-78.79	-10.53	-0.47	-7.57	3.83	5.35	0.94	-0.23	-1.78	-7.12	-26.54	-0.31
MRBLD1FB70_SIN		0.00	-154.31	2.00	76.85	28.40	0.09	2.67	35.27	-2.79	0.89	2.45	2.44	0.17	2.49	2.96	-3.10
MRBLD1FB87_COS		-67.48	-35.53	-170.09	16.70	-53.56	-12.77	-4.48	10.64	13.17	6.91	-8.81	7.68	-2.26	-11.26	-25.68	1.17
MRBLD1FB87_SIN		0.00	-155.02	32.60	76.50	22.99	4.26	-2.83	-16.91	0.42	-3.79	-15.69	-13.82	-5.18	1.74	7.87	3.08
MRBLD1FB120_COS		-451.45	-22.22	-247.42	-3.70	-9.01	0.46	3.05	12.83	-11.43	-8.93	1.64	-1.96	3.58	13.46	38.49	-1.85
MRBLD1FB120_SIN		0.00	-203.07	50.74	123.22	21.44	5.68	-2.30	-49.85	8.27	7.81	5.17	3.04	2.23	-5.79	-14.09	-6.70
MRBLD1FB164_COS		-103.12	17.04	-367.32	88.31	187.10	50.58	18.17	-25.00	7.53	12.20	-6.90	1.42	1.83	-4.16	-22.24	0.52
MRBLD1FB164_SIN		0.00	-254.44	51.09	127.53	-4.42	-41.65	-18.37	51.94	-9.08	-4.11	-10.90	-7.73	-3.91	-1.93	5.54	7.89

RUN	POINT	Harmonics															
58	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-165.79	-0.74	-222.91	52.70	149.68	30.07	-11.70	-24.39	20.10	17.58	-13.02	17.77	5.79	12.94	47.85	-3.54
MRBLD1FB180_SIN		0.00	-174.63	30.00	53.89	-10.57	-33.90	-5.57	52.56	-17.69	-15.35	-31.01	-24.12	-6.03	-9.86	-21.66	-10.26
MRBLD1TOR51_COS		-1388.90	47.87	-22.67	52.51	-31.23	-12.47	14.45	-4.60	6.01	4.61	1.01	4.32	1.25	2.68	12.38	0.26
MRBLD1TOR51_SIN		0.00	-46.08	2.17	36.28	4.62	-4.48	7.25	47.69	-4.89	-7.61	-9.42	-1.60	-2.21	-2.79	3.56	-1.76
MRBLD1TOR71_COS		-246.31	58.57	-29.47	35.43	-18.66	-7.45	17.03	3.42	4.85	2.27	0.59	6.56	2.21	0.91	6.56	2.04
MRBLD1TOR71_SIN		0.00	-48.50	-0.77	16.89	-4.37	-4.01	8.31	41.84	0.96	-4.93	-9.66	-2.95	-1.31	-2.52	2.11	-0.69
MRBLD1TOR130_COS		-6.47	55.05	-7.35	27.05	0.70	-6.35	14.12	1.48	4.55	1.99	-0.87	-5.38	0.06	0.81	-5.36	-1.08
MRBLD1TOR130_SIN		0.00	-39.33	-2.17	3.16	0.59	-0.98	8.31	35.74	1.01	-1.54	2.54	1.19	4.24	3.30	1.87	0.74
MRBLD1TOR164_COS		-210.39	36.06	49.63	5.84	-20.04	-14.38	0.29	3.89	4.76	3.69	1.08	-1.05	0.69	3.83	2.57	0.26
MRBLD1TOR164_SIN		0.00	-11.09	-4.08	-22.06	-5.79	4.24	8.23	14.21	-1.04	-1.29	0.02	-0.19	3.07	4.38	6.53	-0.48
MRFBM1CB26P5_COS		-4423.07	-689.13	-44.22	78.32	-2.16	-20.83	10.48	-7.35	-0.70	-3.00	-5.66	-3.68	-0.12	1.56	6.09	0.21
MRFBM1CB26P5_SIN		0.00	-86.63	-2.74	-13.83	-30.29	-8.09	-10.94	3.04	-8.78	0.78	10.57	0.25	0.55	2.36	4.72	1.47
MRFBM1FB9_COS		321.21	21.65	175.44	-60.34	33.80	4.98	2.56	10.21	-1.57	-1.43	-0.01	2.51	0.80	-0.49	-0.84	-0.09
MRFBM1FB9_SIN		0.00	-4.45	41.18	-91.68	-11.03	-1.18	2.91	-2.25	3.05	0.14	-1.60	-0.08	-0.75	-1.78	-3.39	0.29
MRFBM1TOR26P5_COS		-341.36	90.09	-0.61	0.39	-0.36	0.28	0.08	0.01	0.15	0.09	0.05	0.14	0.01	-0.03	0.10	-0.06
MRFBM1TOR26P5_SIN		0.00	-88.37	-0.06	0.04	-0.27	-0.19	0.26	0.15	0.17	-0.05	-0.09	0.07	-0.06	-0.05	-0.15	0.03

RUN	POINT	Harmonics															
58	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-976.42	-1444.30	-83.17	212.25	-69.01	-58.06	-8.05	-58.62	15.36	27.94	-3.76	-37.26	-6.50	14.40	37.44	-6.51
MRPC1CB33P25_SIN		0.00	4.70	-33.08	34.40	4.48	-16.58	-1.46	51.87	-40.58	-0.12	22.57	27.44	10.99	11.97	36.13	0.54
MRPC1FB33P25_COS		2160.23	108.60	-348.01	259.29	-206.45	-36.96	-16.31	-147.49	-21.18	-7.90	10.27	-47.23	-3.58	42.05	94.96	-10.99
MRPC1FB33P25_SIN		0.00	128.33	-85.99	253.65	64.50	20.53	-1.62	73.27	-66.92	-24.01	70.82	21.17	25.36	36.49	96.44	-1.64
MRPC1TOR25P5_COS		-784.15	-24.82	-7.25	-55.72	25.71	4.91	-23.26	-4.64	-8.27	-4.61	-0.93	-11.90	-3.15	-0.22	-11.92	-3.94
MRPC1TOR25P5_SIN		0.00	84.86	-53.03	-16.67	-2.27	7.26	-5.51	-52.84	-0.55	7.36	12.69	5.05	4.97	6.48	12.38	2.57
MRPLK1LOAD_COS		-72.54	6.36	1.58	-6.88	3.92	0.94	-2.91	0.07	-1.06	-0.72	-0.03	-2.05	-0.18	-0.25	-2.94	-0.03
MRPLK1LOAD_SIN		0.00	-13.98	-2.47	-3.52	-0.20	1.43	-1.12	-6.70	0.20	0.62	1.83	-0.06	0.83	0.94	1.70	0.38
PITCHRH_COS		9846.90	-8181.77	-379.98	-42.65	-64.47	-478.31	41.33	-39.71	47.73	-27.93	-89.45	-75.88	24.88	1.55	11.13	489.23
PITCHRH_SIN		0.00	2209.88	-432.14	41.66	107.05	221.61	188.86	-15.16	65.87	-103.34	-118.98	-31.45	-34.03	31.13	5.30	258.12
ROLLRH_COS		1346.59	-1999.89	405.33	-55.44	-38.76	-726.30	-73.16	18.31	127.41	59.25	135.55	-29.21	19.07	34.13	5.77	-553.43
ROLLRH_SIN		0.00	-7947.62	-471.26	-70.48	161.16	-383.42	-108.64	3.91	-74.97	27.30	20.77	-74.63	3.94	4.00	6.51	644.27
TORQ_COS		35885.84	313.08	10.50	-8.08	-46.16	156.51	-2.04	-1.38	-11.55	0.30	24.42	5.60	-2.31	0.60	-7.09	-10.27
TORQ_SIN		0.00	607.91	-19.33	14.85	39.62	41.01	5.58	-1.43	15.56	-5.53	-44.87	5.75	-5.58	3.26	-1.89	1.47
THRUST_COS		5710.36	-39.17	6.99	0.13	13.21	7.96	-2.34	-0.27	2.56	0.19	-15.81	4.97	-1.11	0.43	-4.42	8.49
THRUST_SIN		0.00	-76.34	5.82	3.64	14.34	-16.10	4.42	2.52	-1.85	0.34	-29.44	-1.46	1.62	-1.34	7.34	-13.39

RUN	POINT	Harmonics															
58	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.99	46.94	-11.16	-1.28	-57.25	59.63	3.69	-1.92	-1.62	-2.82	-7.78	1.36	-0.63	-0.85	-0.27	15.46
SIDERH_SIN		0.00	188.68	9.96	0.41	-41.18	-47.39	8.80	-0.55	2.07	-1.36	-1.11	4.32	-0.01	-0.64	-0.56	-18.42
DRAGRH_COS		-230.85	214.99	7.99	1.21	-6.92	0.82	-15.67	1.71	-1.14	2.65	21.20	6.44	0.70	-0.30	-0.92	-24.20
DRAGRH_SIN		0.00	-67.43	13.87	0.72	23.17	41.17	-22.31	2.84	-1.33	5.72	11.76	-0.23	1.18	-1.72	0.64	-9.48

RUN	POINT	Harmonics															
58	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.70	0.18	-0.03	-3.47	-2.15	-0.35	0.34	0.32	-0.03	0.00	0.14	0.26	0.12	0.00	-0.03	0.10
ACT1FORCE_SIN		0.00	9.78	1.92	0.65	0.33	-0.87	-0.36	-0.34	0.00	0.00	0.01	0.05	-0.14	0.09	0.06	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		322.84	-12.30	-4.76	29.39	18.12	7.92	-0.03	-0.03	0.00	0.00	0.01	0.00	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-74.37	-15.39	-7.98	-1.42	10.11	0.00	-0.01	0.01	-0.02	0.00	-0.01	-0.01	0.00	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.94	12.42	4.82	-29.40	-18.17	-8.01	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	74.50	15.43	8.09	1.51	-10.10	0.00	0.01	-0.01	0.01	0.00	0.01	0.01	0.01	0.01	-0.01
MRBLD1CB42P75_COS		-3725.58	-1554.48	33.40	187.75	-42.25	-68.08	-35.56	-70.78	29.55	61.62	-6.51	-59.73	-15.93	14.41	39.81	-10.68
MRBLD1CB42P75_SIN		0.00	5.20	-52.48	65.47	58.99	-30.40	16.14	84.25	-35.03	11.53	12.62	48.52	13.95	16.33	48.12	3.01

RUN	POINT	Harmonics															
58	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2858.66	-852.65	314.60	112.90	12.70	-15.04	-80.90	-56.01	23.20	60.18	13.09	-27.14	-10.53	12.36	20.39	-7.83
MRBLD1CB70_SIN		0.00	22.68	-81.36	86.15	170.41	-18.13	52.58	77.64	-13.50	6.76	-24.44	38.56	11.15	9.10	40.03	-1.29
MRBLD1CB120_COS		-525.30	-285.67	425.05	85.15	11.84	62.15	-72.17	-19.90	-14.80	-19.24	19.37	26.21	6.48	-0.34	-1.75	2.45
MRBLD1CB120_SIN		0.00	109.26	-140.58	22.65	190.52	-8.39	53.00	46.21	18.52	-16.43	-5.66	-26.18	-3.93	-2.94	1.43	-1.52
MRBLD1CB164_COS		-1958.59	-94.62	136.75	-11.37	-44.23	32.93	-22.61	16.15	-24.93	-37.64	2.63	21.06	11.61	2.25	-2.16	0.71
MRBLD1CB164_SIN		0.00	81.35	-51.68	19.71	86.19	12.19	16.21	-10.06	9.30	-19.00	18.87	-23.09	0.07	-3.37	-31.23	-2.45
MRBLD1FB42P75_COS		3015.53	156.75	-405.16	358.91	-225.51	-26.48	-12.78	-103.57	-65.30	-26.28	59.44	-28.34	16.03	60.49	147.87	-2.12
MRBLD1FB42P75_SIN		0.00	-12.06	-21.50	178.38	112.95	18.36	2.28	177.03	-34.70	-3.00	66.21	51.27	20.90	-7.55	-27.43	16.49
MRBLD1FB70_COS		415.34	-70.72	-201.68	85.90	-82.03	-10.10	-1.16	-6.64	2.12	4.73	1.05	-0.01	-2.10	-8.26	-30.88	-0.94
MRBLD1FB70_SIN		0.00	-153.42	3.35	62.74	24.27	-3.63	2.05	38.52	-0.77	1.41	2.84	3.11	0.54	2.02	2.65	-5.54
MRBLD1FB87_COS		-71.66	-38.14	-166.71	15.81	-55.28	-13.60	-5.34	9.35	13.95	7.40	-9.59	8.87	-2.06	-12.88	-30.34	0.59
MRBLD1FB87_SIN		0.00	-155.47	33.30	68.88	22.03	3.83	-2.72	-18.64	-1.59	-5.49	-18.67	-15.71	-5.88	1.32	8.48	1.31
MRBLD1FB120_COS		-457.11	-24.31	-244.37	-4.43	-7.66	1.12	4.88	12.76	-8.16	-8.04	2.08	-2.04	4.37	15.85	45.15	-1.13
MRBLD1FB120_SIN		0.00	-205.97	52.66	116.46	24.05	8.26	-1.21	-54.03	5.61	6.92	6.40	4.56	3.25	-4.88	-14.48	-3.80
MRBLD1FB164_COS		-107.49	17.58	-352.40	87.20	197.65	53.98	17.87	-24.52	3.89	11.58	-6.37	2.70	1.60	-5.21	-25.31	0.93
MRBLD1FB164_SIN		0.00	-261.31	53.60	118.86	-1.29	-40.65	-20.99	57.13	-5.46	-3.49	-12.92	-9.68	-3.94	-2.03	5.85	6.47

RUN	POINT	Harmonics															
58	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.16	0.36	-211.38	52.29	157.40	33.30	-13.93	-24.86	19.10	18.82	-14.67	19.17	5.71	13.42	55.65	-3.92
MRBLD1FB180_SIN		0.00	-179.39	30.77	50.49	-9.07	-35.88	-8.73	59.39	-14.40	-17.19	-36.02	-26.32	-4.32	-7.28	-21.24	-7.98
MRBLD1TOR51_COS		-1388.86	48.62	-16.39	54.35	-32.79	-13.81	11.36	-4.30	5.33	5.66	1.95	5.01	0.75	2.56	14.24	0.07
MRBLD1TOR51_SIN		0.00	-46.37	2.79	32.45	3.39	-6.88	6.82	52.13	-3.02	-7.70	-10.13	-2.00	-1.85	-2.33	4.20	-1.39
MRBLD1TOR71_COS		-246.65	59.03	-25.17	36.26	-20.88	-9.31	14.18	3.68	4.68	3.00	1.20	7.15	1.89	0.65	7.52	1.82
MRBLD1TOR71_SIN		0.00	-49.29	-0.28	14.85	-5.20	-6.03	8.10	44.92	2.15	-5.40	-10.65	-3.56	-1.12	-2.39	3.05	-0.45
MRBLD1TOR130_COS		-6.99	55.27	-4.34	27.19	-0.71	-8.24	11.76	1.32	3.13	1.22	-1.35	-6.02	0.10	0.48	-5.98	-1.12
MRBLD1TOR130_SIN		0.00	-40.17	-1.57	2.77	0.55	-1.83	8.42	38.59	2.26	-1.54	3.12	0.68	4.15	3.36	2.98	0.85
MRBLD1TOR164_COS		-210.44	36.35	49.17	6.00	-21.64	-15.44	-1.06	4.30	4.96	3.63	0.75	-0.85	1.36	3.88	2.57	-0.11
MRBLD1TOR164_SIN		0.00	-10.88	-4.69	-20.50	-6.70	2.80	8.34	15.51	-0.69	-1.54	-0.22	-0.56	2.81	4.56	8.22	-0.28
MRFBM1CB26P5_COS		-4435.66	-684.97	-30.22	76.51	-1.69	-21.52	12.05	-6.51	-1.46	-3.17	-5.66	-4.17	0.17	1.98	6.91	-0.29
MRFBM1CB26P5_SIN		0.00	-67.19	3.46	-14.66	-27.51	-9.72	-10.77	3.64	-8.40	0.86	11.62	-0.11	0.68	2.86	5.36	1.60
MRFBM1FB9_COS		332.36	8.94	158.59	-63.69	33.64	3.87	2.33	10.67	-0.79	-1.25	0.10	2.65	0.89	-0.54	-1.06	0.21
MRFBM1FB9_SIN		0.00	-12.83	35.12	-81.59	-9.25	-0.55	2.85	-3.83	2.71	-0.14	-1.87	-0.20	-0.82	-2.08	-4.06	-0.02
MRFBM1TOR26P5_COS		-341.37	90.23	-0.61	0.39	-0.38	0.28	0.01	0.01	0.16	0.14	0.07	0.14	-0.02	-0.03	0.10	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.36	-0.11	0.02	-0.28	-0.19	0.27	0.16	0.18	-0.03	-0.11	0.10	-0.04	-0.06	-0.22	0.02

RUN	POINT	Harmonics															
58	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-984.02	-1445.08	-50.30	212.28	-61.10	-58.58	-7.86	-58.68	8.26	28.16	-5.16	-41.89	-7.02	15.30	43.83	-9.20
MRPC1CB33P25_SIN		0.00	33.19	-23.38	23.25	8.24	-20.30	-2.54	60.37	-35.96	1.97	31.68	30.42	11.96	15.22	43.41	4.70
MRPC1FB33P25_COS		2164.56	106.78	-328.21	262.90	-210.29	-27.92	-13.64	-148.72	-34.06	-16.13	6.78	-52.06	-4.08	44.18	108.73	-18.42
MRPC1FB33P25_SIN		0.00	118.86	-82.95	217.57	46.63	8.82	-4.31	92.85	-57.05	-18.17	78.34	19.37	25.39	42.53	114.34	8.10
MRPC1TOR25P5_COS		-785.37	-24.86	-12.57	-56.09	28.31	6.65	-20.13	-4.92	-8.74	-6.42	-2.84	-13.70	-2.25	-0.24	-13.54	-5.67
MRPC1TOR25P5_SIN		0.00	84.59	-53.68	-14.56	-1.21	9.86	-5.38	-56.58	-2.30	7.69	14.45	4.83	4.16	6.19	16.04	3.60
MRPLK1LOAD_COS		-72.75	6.45	0.93	-7.03	4.26	1.15	-2.43	0.00	-1.04	-1.05	-0.32	-2.27	0.05	-0.30	-3.29	-0.26
MRPLK1LOAD_SIN		0.00	-14.07	-2.42	-3.08	0.00	1.78	-1.11	-7.29	-0.07	0.57	2.02	-0.24	0.67	0.86	2.48	0.56
PITCHRH_COS		10012.02	-8195.03	-370.36	-49.19	-52.96	-518.74	46.54	-36.14	50.65	-3.40	-110.64	-67.00	26.07	18.22	13.85	579.16
PITCHRH_SIN		0.00	2229.33	-427.18	41.57	100.36	223.87	198.56	-6.09	69.19	-127.96	-81.04	-33.51	-24.94	26.24	16.89	296.03
ROLLRH_COS		1523.31	-2007.10	404.13	-53.52	-48.59	-706.78	-61.34	30.05	126.65	92.76	124.56	-20.67	30.48	55.61	-10.95	-578.75
ROLLRH_SIN		0.00	-7961.61	-478.91	-82.12	182.11	-446.66	-105.37	-4.31	-93.68	39.66	18.42	-71.05	6.83	-17.07	-13.29	811.75
TORQ_COS		35690.20	300.40	10.86	-10.74	-64.05	170.13	-3.27	-3.01	-9.75	-0.10	23.27	7.14	-1.43	-0.90	-6.27	-8.32
TORQ_SIN		0.00	609.45	-17.63	15.58	15.95	39.78	7.38	0.85	13.86	-5.08	-50.12	7.75	-7.74	3.46	-1.04	0.53
THRUST_COS		5741.78	-38.51	7.24	-1.10	14.03	6.25	-2.93	0.38	3.18	-0.82	-19.48	5.22	-1.10	-0.62	-3.16	11.18
THRUST_SIN		0.00	-76.05	6.47	6.00	17.67	-12.14	3.39	3.52	-2.03	0.59	-33.59	-1.96	0.40	-0.37	8.48	-21.58

RUN	POINT	Harmonics															
58	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.53	49.10	-11.39	-1.96	-56.90	63.11	3.61	-1.99	-1.15	-4.60	-7.58	0.85	-1.14	-1.39	0.16	16.34
SIDERH_SIN		0.00	188.87	9.73	-0.42	-46.81	-43.36	7.44	-0.31	2.41	-1.54	-1.18	4.03	-0.09	0.00	0.05	-23.41
DRAGRH_COS		-229.89	215.09	7.97	1.37	-7.24	0.24	-18.43	1.45	-1.74	-0.48	24.16	5.54	0.64	-0.88	-0.71	-27.61
DRAGRH_SIN		0.00	-67.69	14.34	1.13	23.02	37.57	-19.64	1.20	-1.26	7.05	10.24	1.00	1.65	-1.88	-0.22	-11.59

RUN	POINT	Harmonics															
58	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.84	-7.75	-1.89	3.17	1.86	-0.84	0.11	0.46	-0.03	-0.02	-0.07	-0.05	-0.06	-0.01	-0.06	-0.13
ACT1FORCE_SIN		0.00	5.64	-0.48	-1.55	1.21	0.30	-0.48	-0.11	-0.02	-0.05	-0.03	-0.22	-0.19	0.08	0.01	0.03
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		322.32	53.11	17.08	-26.18	-14.87	9.92	0.17	0.00	-0.02	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-51.33	-0.06	15.34	-12.71	-6.36	0.10	0.02	-0.02	0.02	0.01	-0.01	-0.01	0.01	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.45	-53.14	-17.14	26.16	14.97	-9.91	-0.20	0.00	0.03	-0.01	0.01	0.02	0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	51.49	0.10	-15.45	12.68	6.45	-0.10	-0.03	0.03	-0.02	-0.01	0.01	0.00	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-3727.95	-866.09	53.52	-197.61	68.69	-32.97	-25.71	-101.93	43.34	-58.00	5.13	64.87	4.19	12.18	-12.25	-3.90
MRBLD1CB42P75_SIN		0.00	-1218.75	31.10	-23.48	-17.77	58.71	35.10	22.41	31.06	35.03	-7.51	35.58	21.76	15.34	55.91	-5.17

RUN	POINT	Harmonics															
58	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2851.65	-489.08	-24.68	-123.88	103.05	-7.24	-42.96	-86.09	20.00	-51.10	-21.18	42.52	4.86	11.00	-16.16	1.74
MRBLD1CB70_SIN		0.00	-658.73	312.47	-60.57	-138.26	1.34	89.77	31.05	24.79	36.08	22.12	11.35	15.32	9.19	36.23	-2.39
MRBLD1CB120_COS		-533.79	-244.11	-14.94	-80.94	120.74	12.72	-32.76	-42.09	-20.24	27.38	-20.16	-33.62	0.31	0.50	-2.45	0.23
MRBLD1CB120_SIN		0.00	-166.64	440.91	-4.02	-154.68	-71.88	87.05	28.89	-12.62	-0.20	-0.28	-15.33	-9.11	-2.35	0.12	2.56
MRBLD1CB164_COS		-1961.15	-118.40	0.38	8.70	91.30	22.04	-8.17	17.54	-13.51	42.55	1.78	-27.77	5.69	3.59	21.50	3.46
MRBLD1CB164_SIN		0.00	-30.10	146.16	-24.53	-38.19	-34.63	27.27	3.36	-24.83	-9.29	-19.00	-12.92	-10.58	-3.05	-17.04	-0.03
MRBLD1FB42P75_COS		3016.58	91.64	169.75	-404.76	250.42	16.37	-17.65	-193.30	38.89	25.20	-41.24	54.80	25.49	54.60	102.24	-12.69
MRBLD1FB42P75_SIN		0.00	112.85	-385.95	-114.45	46.01	45.39	17.12	72.28	-67.53	-8.49	-69.14	2.44	-1.02	-5.01	96.85	8.21
MRBLD1FB70_COS		416.96	86.20	70.94	-102.30	78.70	-4.56	-1.39	-27.32	2.58	-5.03	-0.60	2.46	-0.64	-6.88	-19.17	5.32
MRBLD1FB70_SIN		0.00	-143.22	-194.54	-50.12	30.80	13.17	4.63	24.28	2.59	3.17	-2.98	-0.96	1.62	1.76	-21.90	-2.56
MRBLD1FB87_COS		-68.94	105.60	29.33	-34.29	55.60	1.53	-5.31	18.86	1.49	-2.41	4.22	-16.89	-5.61	-11.67	-23.26	-1.85
MRBLD1FB87_SIN		0.00	-116.84	-168.92	-68.91	17.94	14.37	-0.23	-9.10	13.19	8.43	18.35	-2.02	-1.38	0.90	-18.35	-2.85
MRBLD1FB120_COS		-453.31	152.43	39.21	-25.74	21.28	8.46	4.15	41.48	-7.96	2.12	0.90	4.83	3.48	13.94	36.06	4.01
MRBLD1FB120_SIN		0.00	-133.17	-247.52	-122.80	-13.03	-0.62	-5.52	-33.83	-8.06	-12.06	-5.79	1.49	-1.22	-4.46	26.53	4.63
MRBLD1FB164_COS		-103.95	219.35	78.69	-113.84	-144.81	-30.06	4.40	-56.15	8.58	-7.56	2.12	-9.84	-2.11	-4.55	-18.38	-5.49
MRBLD1FB164_SIN		0.00	-130.75	-355.31	-106.57	-124.56	-59.96	-23.24	28.70	3.58	12.24	13.03	1.40	-3.27	-2.32	-16.91	-4.47

RUN	POINT	Harmonics															
58	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.10	143.86	48.64	-61.67	-120.33	-29.95	-17.31	-56.10	18.09	-3.15	4.77	-32.30	-1.94	13.83	48.71	7.93
MRBLD1FB180_SIN		0.00	-99.74	-213.94	-41.74	-93.62	-38.10	1.65	30.76	16.58	26.64	37.26	-6.60	-8.78	-8.32	32.37	6.14
MRBLD1TOR51_COS		-1388.30	65.85	5.31	-60.61	25.80	-5.90	11.72	-30.28	3.27	0.27	-3.71	-4.29	-1.15	2.99	4.10	-0.59
MRBLD1TOR51_SIN		0.00	14.71	-19.77	-19.58	16.18	12.90	1.61	37.24	6.29	9.08	9.71	-3.32	-2.55	-2.22	13.43	0.84
MRBLD1TOR71_COS		-245.83	73.51	10.75	-38.74	10.91	-4.75	15.15	-19.66	-2.42	0.84	-2.90	-6.51	0.01	1.14	1.76	-1.20
MRBLD1TOR71_SIN		0.00	21.11	-26.03	-5.82	15.35	8.14	1.03	36.92	5.84	5.23	10.13	-4.57	-3.01	-2.17	7.63	1.89
MRBLD1TOR130_COS		-5.96	63.72	4.17	-26.89	-0.74	-0.83	13.37	-18.42	-1.86	-0.26	1.60	2.61	3.35	0.69	-4.48	0.22
MRBLD1TOR130_SIN		0.00	23.61	-5.42	4.83	-0.92	6.91	2.39	30.26	4.48	2.12	-2.25	4.98	2.22	3.28	-2.60	-0.88
MRBLD1TOR164_COS		-210.21	29.62	-13.41	-0.43	10.62	1.49	2.87	-4.33	0.83	-1.20	-1.29	-0.39	2.86	3.67	-3.95	0.25
MRBLD1TOR164_SIN		0.00	23.93	47.22	23.60	18.30	15.30	8.23	14.40	4.48	3.73	0.40	0.79	0.60	4.31	6.87	0.97
MRFBM1CB26P5_COS		-4433.28	-325.13	14.55	-72.52	-18.80	-13.60	3.78	-7.37	8.51	1.49	8.31	1.84	0.43	1.59	-0.84	-2.32
MRFBM1CB26P5_SIN		0.00	-577.93	-38.39	32.88	23.00	20.73	-15.36	-2.41	-1.98	-2.36	-9.36	3.61	0.40	2.34	8.37	-0.53
MRFBM1FB9_COS		328.54	3.04	-95.42	82.05	-33.07	0.23	4.39	10.58	-3.03	1.26	-0.29	-1.08	-0.19	-0.38	2.56	0.40
MRFBM1FB9_SIN		0.00	-8.93	144.95	71.78	-13.06	-5.15	0.94	3.92	-0.86	-0.94	1.80	-2.20	-1.07	-1.90	-2.96	0.16
MRFBM1TOR26P5_COS		-341.64	124.02	0.48	-0.37	0.07	-0.15	0.16	-0.09	-0.15	-0.08	-0.09	0.03	-0.04	-0.02	0.19	0.00
MRFBM1TOR26P5_SIN		0.00	23.72	-0.13	0.15	0.32	-0.27	0.24	0.13	0.19	0.10	0.08	-0.19	-0.02	-0.05	-0.06	-0.06

RUN	POINT	Harmonics															
58	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-983.63	-828.89	53.52	-214.90	49.07	-26.80	-11.64	-80.92	41.03	-24.76	9.21	42.97	6.10	13.27	-7.70	-6.21
MRPC1CB33P25_SIN		0.00	-1114.52	-59.34	24.30	33.35	56.33	4.37	8.46	8.89	20.04	-26.15	25.52	12.77	14.22	56.96	-4.95
MRPC1FB33P25_COS		2165.43	-43.94	200.82	-314.16	197.45	1.97	-22.10	-175.65	61.22	22.83	7.13	37.81	18.27	38.60	-26.24	-13.98
MRPC1FB33P25_SIN		0.00	146.40	-288.31	-172.22	90.74	42.18	7.25	-22.53	-33.48	9.90	-71.10	35.93	16.66	39.35	145.33	-9.16
MRPC1TOR25P5_COS		-784.88	-84.76	53.18	58.85	-21.04	7.88	-18.97	24.53	2.10	0.45	4.68	10.39	1.97	-1.50	-17.17	-0.04
MRPC1TOR25P5_SIN		0.00	25.12	12.38	1.27	-15.07	-6.17	4.15	-46.54	-9.90	-8.89	-13.26	9.98	5.31	5.77	-1.80	-4.82
MRPLK1LOAD_COS		-72.75	15.10	1.91	7.61	-3.05	1.51	-2.46	3.77	-0.01	0.53	0.53	0.75	0.50	-0.40	-3.17	-0.19
MRPLK1LOAD_SIN		0.00	-2.69	2.21	1.44	-2.36	-0.98	0.09	-5.57	-1.19	-1.00	-1.89	2.08	0.52	0.86	-1.11	-0.24
PITCHRH_COS		10288.32	-6483.08	543.54	37.62	128.18	151.60	119.33	-57.84	-63.84	69.47	68.42	-17.14	-13.59	10.91	-9.13	-440.88
PITCHRH_SIN		0.00	-5484.45	-248.70	-57.34	-13.46	512.27	136.30	-7.85	54.06	75.61	108.73	80.61	-27.50	6.12	-6.29	387.62
ROLLRH_COS		1467.59	5382.96	335.96	71.20	158.51	-410.42	-117.21	16.54	117.34	-71.33	-113.72	-59.53	-3.33	20.20	46.67	-453.25
ROLLRH_SIN		0.00	-6179.65	562.92	50.67	-128.77	648.26	-76.92	-8.57	106.29	6.03	-59.84	35.79	-20.48	-24.06	3.71	-742.76
TORQ_COS		35688.17	-339.55	8.34	4.18	78.09	59.58	3.84	0.49	-16.85	3.72	-35.65	2.26	-4.78	0.64	-0.86	2.66
TORQ_SIN		0.00	608.24	10.17	-18.37	30.09	-149.70	7.33	5.92	-8.09	2.82	40.49	-9.36	-3.58	4.44	-7.00	-9.39
THRUST_COS		5730.05	40.01	-7.68	-1.29	-0.26	-11.14	-0.50	1.77	2.14	-0.65	10.68	-4.22	0.63	0.80	-8.89	13.98
THRUST_SIN		0.00	-75.06	3.99	-3.31	-23.79	-11.86	4.75	5.41	2.38	-1.90	34.82	-3.51	1.40	-0.22	0.45	13.78

RUN	POINT	Harmonics															
58	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.80	-123.22	-6.83	1.24	11.43	-42.39	7.56	-1.10	-2.67	3.13	7.27	3.49	0.31	-0.41	-1.03	13.37
SIDERH_SIN		0.00	146.71	-14.34	-0.89	80.07	-64.46	4.45	-1.49	-0.53	-0.37	3.26	-1.80	0.88	0.34	-0.34	21.04
DRAGRH_COS		-227.85	177.69	-15.69	-0.98	23.06	39.95	-23.29	-0.76	0.44	-4.03	-19.30	-0.70	1.38	-0.88	-0.38	18.49
DRAGRH_SIN		0.00	138.23	3.55	0.44	-11.20	-2.41	-9.47	1.60	-2.39	-4.57	-16.00	-6.27	-0.62	-0.92	0.52	-20.08

RUN	POINT	Harmonics															
58	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.99	0.15	-0.01	-3.44	-2.23	-0.45	0.35	0.30	0.00	0.02	0.14	0.26	0.12	0.01	-0.02	0.11
ACT1FORCE_SIN		0.00	9.69	1.93	0.64	0.35	-0.84	-0.47	-0.31	0.02	0.04	0.04	-0.01	-0.12	0.10	0.09	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		323.05	-11.90	-6.01	28.58	20.10	8.28	-0.03	-0.03	-0.01	0.00	0.00	0.01	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-73.81	-16.14	-7.86	-1.67	9.67	0.00	-0.02	0.00	-0.02	-0.01	-0.01	-0.01	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.75	11.99	6.05	-28.60	-20.15	-8.35	0.01	0.03	0.02	0.01	0.01	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	73.94	16.19	7.93	1.72	-9.66	-0.01	0.01	-0.01	0.02	0.00	0.01	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-3763.38	-1397.52	45.52	191.27	-42.79	-69.21	-35.18	-52.12	36.14	64.75	-3.92	-66.72	-14.75	15.71	37.96	-4.65
MRBLD1CB42P75_SIN		0.00	116.58	-50.31	51.98	66.10	-23.58	16.22	85.62	-31.97	9.90	20.23	48.20	17.51	19.22	47.00	-1.37

RUN	POINT	Harmonics															
58	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2837.47	-755.21	321.87	118.33	12.42	-14.69	-84.12	-40.20	28.51	62.65	14.89	-32.65	-9.11	14.49	22.26	-1.40
MRBLD1CB70_SIN		0.00	94.72	-77.68	74.49	174.73	0.03	58.68	75.79	-10.91	4.16	-22.66	37.61	13.76	12.09	38.21	-6.94
MRBLD1CB120_COS		-529.15	-250.24	428.17	88.70	10.95	64.04	-79.93	-12.00	-13.81	-20.08	16.05	28.86	6.18	0.09	-1.36	3.01
MRBLD1CB120_SIN		0.00	139.80	-137.42	11.54	198.51	10.98	60.48	39.16	17.96	-15.12	-11.10	-26.78	-5.04	-2.54	0.84	-1.40
MRBLD1CB164_COS		-1959.84	-87.16	137.39	-11.60	-46.54	33.39	-27.44	13.89	-25.07	-38.84	-0.09	24.55	11.00	1.58	-3.62	-4.61
MRBLD1CB164_SIN		0.00	89.74	-51.57	13.97	90.79	20.35	19.15	-13.57	7.80	-16.53	16.80	-21.73	-0.24	-4.82	-30.08	0.04
MRBLD1FB42P75_COS		3030.12	113.95	-398.04	350.08	-233.77	-30.33	-11.63	-73.73	-57.37	-19.30	64.15	-29.77	23.26	66.78	142.49	1.48
MRBLD1FB42P75_SIN		0.00	-28.57	-28.47	149.43	151.73	15.65	-6.34	151.66	-41.80	-0.99	73.57	54.05	22.27	-7.62	-25.16	1.69
MRBLD1FB70_COS		416.18	-68.99	-200.55	83.20	-85.15	-10.32	-0.60	-0.73	3.27	5.05	1.42	-0.03	-2.87	-9.52	-29.49	-1.48
MRBLD1FB70_SIN		0.00	-150.98	1.41	52.38	35.97	-3.49	1.10	35.07	-0.98	1.26	2.76	2.95	0.50	1.79	2.19	-2.47
MRBLD1FB87_COS		-72.00	-37.14	-167.45	13.73	-58.50	-14.50	-5.54	6.54	12.69	5.94	-11.28	9.53	-3.26	-14.13	-29.67	-0.71
MRBLD1FB87_SIN		0.00	-155.22	31.46	62.93	26.72	3.17	-2.71	-16.03	-0.21	-5.45	-20.05	-16.44	-5.81	2.02	8.57	4.46
MRBLD1FB120_COS		-458.26	-21.77	-243.95	-4.59	-7.05	1.00	4.41	5.42	-9.45	-7.58	2.73	-2.94	5.35	17.93	44.15	1.08
MRBLD1FB120_SIN		0.00	-207.31	50.86	112.30	22.81	8.74	-0.88	-49.16	6.07	6.87	6.38	4.76	2.88	-5.87	-14.88	-8.37
MRBLD1FB164_COS		-105.26	18.59	-347.96	89.12	210.01	55.22	15.69	-16.45	4.72	12.92	-7.33	4.12	1.44	-6.28	-24.61	-0.10
MRBLD1FB164_SIN		0.00	-266.35	53.68	115.20	-19.18	-41.12	-20.85	51.99	-6.15	-2.67	-12.37	-9.19	-4.04	-2.24	6.13	8.81

RUN	POINT	Harmonics															
58	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.47	0.33	-209.39	52.93	164.19	32.73	-15.32	-16.57	18.95	17.82	-18.33	20.88	5.58	15.71	54.20	-1.39
MRBLD1FB180_SIN		0.00	-182.66	31.25	49.90	-20.67	-37.00	-7.61	55.37	-13.57	-15.90	-37.52	-27.49	-5.69	-9.42	-22.69	-13.82
MRBLD1TOR51_COS		-1387.06	51.54	-14.73	55.58	-31.91	-14.63	10.86	3.80	7.05	5.08	1.01	5.45	1.79	4.03	13.98	1.66
MRBLD1TOR51_SIN		0.00	-43.89	2.12	27.66	7.28	-3.51	4.79	48.10	-1.39	-6.13	-10.80	-2.72	-2.28	-2.04	5.38	-0.31
MRBLD1TOR71_COS		-245.15	60.16	-24.11	37.49	-19.51	-9.90	13.69	9.20	5.71	2.34	0.39	7.57	2.28	1.61	7.73	2.85
MRBLD1TOR71_SIN		0.00	-48.34	-0.96	11.57	-2.81	-3.08	6.61	41.65	3.60	-4.10	-11.44	-3.94	-1.81	-2.26	3.21	0.15
MRBLD1TOR130_COS		-5.88	56.59	-4.09	27.68	1.64	-8.23	11.03	5.52	3.85	1.14	-1.54	-6.37	-0.36	0.17	-5.68	-1.71
MRBLD1TOR130_SIN		0.00	-39.24	-1.28	1.00	0.53	0.96	7.75	36.11	3.13	-0.91	3.38	0.89	4.30	3.69	1.47	-0.49
MRBLD1TOR164_COS		-210.06	37.32	48.12	5.70	-22.98	-15.37	-0.90	5.62	4.64	3.52	1.42	-0.66	1.10	3.90	2.76	0.06
MRBLD1TOR164_SIN		0.00	-9.69	-3.98	-20.64	-5.27	4.35	8.55	14.89	-0.07	-1.89	-0.72	-0.23	3.04	5.01	6.46	-1.69
MRFBM1CB26P5_COS		-4457.54	-608.57	-25.50	76.37	0.44	-21.69	12.84	-5.25	-1.30	-3.13	-5.88	-4.21	0.17	1.80	5.80	0.09
MRFBM1CB26P5_SIN		0.00	-11.27	2.80	-16.14	-26.47	-12.55	-12.45	4.11	-8.58	1.19	13.06	0.00	0.91	2.86	5.48	1.88
MRFBM1FB9_COS		342.02	-57.62	153.95	-64.67	36.57	4.21	2.04	8.40	-1.27	-1.44	0.26	2.86	0.88	-0.52	-1.07	-0.30
MRFBM1FB9_SIN		0.00	-16.99	38.43	-73.82	-12.92	-0.80	3.51	-4.05	2.56	-0.35	-2.23	-0.10	-1.19	-2.24	-3.92	-0.09
MRFBM1TOR26P5_COS		-341.37	89.94	-0.66	0.40	-0.34	0.26	0.02	0.06	0.16	0.12	0.06	0.15	0.00	-0.02	0.09	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.74	-0.18	-0.04	-0.25	-0.15	0.25	0.15	0.19	-0.02	-0.13	0.10	-0.04	-0.08	-0.15	0.07

RUN	POINT	Harmonics															
58	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1009.97	-1305.63	-38.16	213.80	-60.81	-60.36	-6.82	-43.26	13.58	30.22	-3.59	-46.56	-6.18	16.31	41.39	-3.07
MRPC1CB33P25_SIN		0.00	126.13	-21.86	12.77	16.85	-20.92	-5.55	60.13	-34.50	2.06	37.72	30.52	14.72	17.93	42.99	1.48
MRPC1FB33P25_COS		2176.85	67.57	-319.75	260.50	-225.71	-30.01	-9.71	-115.68	-24.65	-11.91	5.89	-55.11	-0.39	47.66	102.85	-3.05
MRPC1FB33P25_SIN		0.00	101.26	-88.62	192.05	76.20	5.71	-10.53	84.60	-59.14	-13.24	86.25	20.80	31.95	48.11	110.55	2.19
MRPC1TOR25P5_COS		-785.96	-32.49	-10.55	-57.99	26.76	8.19	-20.02	-11.74	-10.05	-5.44	-1.28	-15.12	-3.49	-1.81	-13.11	-5.34
MRPC1TOR25P5_SIN		0.00	81.86	-55.85	-10.96	-4.74	5.93	-3.49	-52.54	-4.06	5.86	15.94	5.93	5.07	6.98	11.72	-0.26
MRPLK1LOAD_COS		-73.07	6.42	0.76	-7.17	3.96	1.30	-2.36	-1.12	-1.22	-0.92	-0.08	-2.45	-0.25	-0.50	-3.09	-0.28
MRPLK1LOAD_SIN		0.00	-14.21	-2.33	-2.41	-0.55	1.27	-0.80	-6.73	-0.29	0.32	2.19	-0.04	0.74	1.08	1.58	-0.20
PITCHRH_COS		11098.06	-8202.41	-390.97	-54.45	-64.55	-405.17	88.77	-46.21	59.43	-8.88	-133.13	-60.75	17.30	-2.24	20.13	534.65
PITCHRH_SIN		0.00	2211.61	-427.61	54.93	75.66	337.65	196.40	-3.13	76.51	-123.91	-90.88	-34.86	-28.59	21.14	6.27	260.65
ROLLRH_COS		1705.78	-2022.89	406.32	-64.30	-50.12	-904.83	-51.11	39.49	113.63	105.29	99.86	-34.66	14.97	25.94	3.24	-531.45
ROLLRH_SIN		0.00	-7962.92	-497.58	-70.94	198.96	-381.16	-75.61	-15.94	-91.91	48.10	22.15	-64.46	3.45	-15.80	8.93	681.89
TORQ_COS		35258.28	294.17	10.29	-8.26	-76.26	170.13	-5.05	-3.65	-10.35	2.96	24.39	7.33	-0.88	0.86	-6.11	-11.28
TORQ_SIN		0.00	640.80	-14.67	15.96	12.82	37.57	8.05	-1.70	16.80	-2.94	-53.02	6.65	-3.47	3.64	-2.87	-0.68
THRUST_COS		5774.37	-36.71	7.40	-2.27	16.03	6.36	-3.03	-2.72	2.58	-2.60	-17.49	4.88	0.41	0.82	-6.74	3.22
THRUST_SIN		0.00	-77.54	6.12	3.72	20.02	-13.34	3.81	0.72	-2.50	0.93	-36.13	-1.66	1.61	-1.02	6.67	-15.82

RUN	POINT	Harmonics															
58	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.18	52.15	-11.45	-1.80	-60.28	73.03	4.19	-2.62	-1.05	-5.21	-6.80	1.69	-0.53	-0.60	-0.19	14.62
SIDERH_SIN		0.00	187.93	10.57	-0.29	-55.61	-56.02	6.70	-0.03	1.83	-1.52	-1.15	3.42	0.27	-0.06	-0.64	-19.91
DRAGRH_COS		-221.71	215.00	8.86	1.28	-9.25	-5.97	-23.57	2.78	-0.64	0.18	24.90	4.63	1.35	-0.02	-1.05	-25.36
DRAGRH_SIN		0.00	-67.72	14.25	0.01	23.92	51.24	-21.65	1.76	-0.37	7.21	10.01	0.04	0.10	-2.08	0.57	-9.19

RUN	POINT	Harmonics															
58	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.04	0.11	0.23	-3.48	-2.19	-0.31	0.30	0.40	-0.05	-0.04	0.10	0.24	0.18	-0.02	-0.02	0.06
ACT1FORCE_SIN		0.00	9.61	1.88	0.63	0.39	-0.87	-0.39	-0.29	0.00	0.08	-0.02	0.02	-0.13	0.09	0.07	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		322.16	-10.60	-6.28	28.64	19.98	6.97	-0.03	-0.03	-0.01	0.00	0.01	0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-72.26	-15.80	-7.72	-0.80	9.13	0.00	-0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.63	10.71	6.34	-28.65	-20.04	-7.06	0.01	0.02	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	72.39	15.83	7.84	0.88	-9.11	0.00	0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-3737.62	-1485.68	10.59	185.39	-54.67	-66.92	-35.13	-84.29	36.14	65.48	-11.54	-58.61	-11.88	13.93	34.19	-6.42
MRBLD1CB42P75_SIN		0.00	61.36	-51.69	73.41	56.55	-25.87	15.33	83.35	-40.09	8.05	9.09	32.75	12.53	13.39	40.87	-1.74

RUN	POINT	Harmonics															
58	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2844.63	-812.07	300.97	102.00	-4.76	-13.96	-77.38	-64.45	27.37	61.95	9.98	-28.15	-7.86	11.68	16.47	-5.16
MRBLD1CB70_SIN		0.00	62.65	-82.56	94.69	167.98	-14.57	57.09	75.70	-17.60	3.08	-28.38	25.87	10.43	7.63	33.40	-7.23
MRBLD1CB120_COS		-537.78	-273.14	416.84	73.40	-1.24	62.43	-70.78	-21.39	-14.97	-19.68	23.21	26.35	4.86	0.57	-0.43	3.31
MRBLD1CB120_SIN		0.00	128.66	-140.54	33.77	199.14	-6.58	64.18	44.79	18.07	-13.92	-3.91	-18.58	-3.12	-0.76	1.93	-1.42
MRBLD1CB164_COS		-1961.85	-91.22	135.59	-16.18	-48.57	33.67	-21.99	20.46	-26.83	-38.49	5.19	21.51	9.80	2.36	-0.48	-1.44
MRBLD1CB164_SIN		0.00	85.71	-52.33	24.27	90.34	11.71	20.75	-10.28	9.85	-16.65	21.60	-14.39	1.18	-2.63	-26.76	1.31
MRBLD1FB42P75_COS		3018.26	135.91	-422.57	370.15	-213.55	-29.68	-25.84	-134.65	-67.65	-24.05	54.92	-31.54	15.77	57.57	133.21	-2.00
MRBLD1FB42P75_SIN		0.00	-20.59	-14.70	213.19	160.62	21.70	3.25	181.42	-49.92	-5.18	67.84	44.99	19.33	-8.25	-23.77	5.12
MRBLD1FB70_COS		417.94	-69.97	-208.75	89.12	-79.47	-9.92	-3.00	-11.26	2.73	5.45	1.10	0.06	-1.78	-7.60	-27.66	-0.67
MRBLD1FB70_SIN		0.00	-153.52	5.34	74.35	37.41	-2.29	2.50	40.29	-2.47	0.90	2.56	2.67	0.40	1.91	2.14	-2.94
MRBLD1FB87_COS		-68.13	-36.87	-170.79	17.10	-54.58	-12.76	-4.16	12.77	14.54	7.19	-8.44	10.10	-2.00	-11.86	-27.21	-0.08
MRBLD1FB87_SIN		0.00	-156.35	34.13	75.22	26.97	3.79	-2.96	-18.72	0.25	-5.21	-18.58	-13.20	-4.90	1.65	7.87	3.58
MRBLD1FB120_COS		-452.08	-21.35	-245.90	-3.31	-8.17	-0.04	5.87	18.55	-9.80	-8.96	1.29	-3.47	3.12	14.36	41.18	0.16
MRBLD1FB120_SIN		0.00	-206.67	51.35	119.98	19.85	6.56	-2.80	-56.54	7.39	7.17	5.94	2.74	2.01	-5.44	-13.77	-7.54
MRBLD1FB164_COS		-103.62	18.45	-360.16	88.63	196.27	51.20	15.28	-34.42	5.51	13.92	-6.35	3.05	1.06	-4.97	-23.49	-1.11
MRBLD1FB164_SIN		0.00	-259.59	56.37	124.49	-14.69	-41.56	-16.60	59.89	-8.72	-3.09	-12.34	-7.56	-3.90	-2.39	5.33	8.61

RUN	POINT	Harmonics															
58	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.15	0.36	-218.10	52.13	155.54	31.90	-16.31	-34.10	20.79	20.10	-13.18	20.62	4.45	13.44	52.38	0.18
MRBLD1FB180_SIN		0.00	-178.13	33.14	53.31	-16.77	-36.18	-5.07	62.29	-17.39	-17.68	-36.81	-22.63	-4.69	-8.47	-21.05	-12.41
MRBLD1TOR51_COS		-1388.32	49.74	-21.25	55.02	-30.48	-16.08	10.05	-7.51	6.34	5.15	1.30	4.76	1.16	2.86	12.81	0.80
MRBLD1TOR51_SIN		0.00	-44.43	3.13	34.25	7.30	-3.91	5.33	54.51	-3.13	-7.13	-10.67	-1.83	-2.06	-2.01	5.01	-0.21
MRBLD1TOR71_COS		-245.23	59.29	-28.86	37.16	-18.18	-11.18	13.32	1.86	5.20	2.48	0.96	7.05	1.97	0.98	7.09	2.39
MRBLD1TOR71_SIN		0.00	-48.08	-0.09	15.42	-2.86	-3.17	7.04	47.57	2.73	-4.79	-10.99	-2.80	-1.39	-2.11	3.22	0.42
MRBLD1TOR130_COS		-5.71	55.92	-7.12	27.82	1.70	-9.56	11.11	-0.64	3.87	1.48	-1.47	-5.42	-0.05	0.60	-5.13	-1.14
MRBLD1TOR130_SIN		0.00	-38.71	-1.39	2.03	0.35	0.48	7.89	40.37	2.09	-1.60	2.45	0.19	4.03	3.36	1.64	-0.16
MRBLD1TOR164_COS		-210.09	36.85	48.95	5.82	-20.84	-15.74	-1.20	3.46	4.70	3.68	1.30	-0.83	0.64	3.66	2.97	0.61
MRBLD1TOR164_SIN		0.00	-9.82	-4.77	-22.11	-5.04	4.51	8.07	16.80	-0.70	-2.33	-0.50	-0.21	2.78	4.34	6.45	-1.30
MRFBM1CB26P5_COS		-4436.54	-653.47	-40.67	78.85	-1.14	-21.62	10.80	-8.13	-1.04	-3.05	-6.32	-3.89	0.02	1.84	6.22	0.26
MRFBM1CB26P5_SIN		0.00	-40.30	3.26	-14.63	-30.68	-9.18	-12.28	3.77	-8.91	1.03	11.83	0.02	0.54	2.57	5.34	1.75
MRFBM1FB9_COS		328.23	-16.97	172.45	-63.00	35.13	4.21	3.21	12.16	-1.23	-1.42	0.36	2.53	0.75	-0.49	-0.90	-0.05
MRFBM1FB9_SIN		0.00	-17.20	34.02	-90.07	-14.74	-0.87	3.70	-2.62	3.32	-0.03	-1.66	0.30	-0.78	-1.93	-3.56	0.09
MRFBM1TOR26P5_COS		-341.41	90.13	-0.60	0.38	-0.37	0.25	0.02	0.00	0.17	0.12	0.07	0.12	0.00	-0.04	0.08	-0.06
MRFBM1TOR26P5_SIN		0.00	-88.63	-0.12	-0.01	-0.26	-0.18	0.25	0.20	0.18	-0.02	-0.11	0.10	-0.04	-0.05	-0.17	0.04

RUN	POINT	Harmonics															
58	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-985.25	-1382.00	-73.27	214.70	-67.52	-59.14	-10.25	-70.64	13.05	30.46	-8.89	-41.43	-4.98	14.74	38.58	-4.69
MRPC1CB33P25_SIN		0.00	80.86	-19.59	29.86	9.51	-17.49	-4.72	59.61	-41.14	0.05	29.83	20.93	10.44	13.14	38.03	1.08
MRPC1FB33P25_COS		2165.49	87.45	-342.23	266.11	-211.93	-31.23	-23.44	-174.45	-28.96	-13.28	2.77	-50.79	-2.66	42.54	96.73	-8.24
MRPC1FB33P25_SIN		0.00	110.35	-80.40	247.48	88.17	9.98	-7.77	83.55	-70.43	-18.95	77.02	12.38	24.07	40.03	103.26	1.23
MRPC1TOR25P5_COS		-785.91	-28.73	-6.04	-57.87	25.03	9.46	-18.68	-2.54	-9.53	-5.44	-2.38	-12.80	-2.61	-0.79	-11.96	-4.31
MRPC1TOR25P5_SIN		0.00	82.27	-55.43	-15.14	-4.45	6.17	-3.93	-59.88	-2.92	6.39	14.77	3.45	4.32	5.73	11.27	0.00
MRPLK1LOAD_COS		-72.85	6.34	1.45	-7.21	3.78	1.50	-2.23	0.38	-1.16	-0.91	-0.19	-2.13	-0.11	-0.30	-2.84	-0.07
MRPLK1LOAD_SIN		0.00	-14.11	-2.59	-3.23	-0.56	1.34	-0.90	-7.76	-0.10	0.38	2.05	-0.33	0.64	0.84	1.59	0.01
PITCHRH_COS		10422.94	-8207.61	-388.41	-49.54	-64.22	-410.92	68.85	-33.69	69.13	-10.50	-97.64	-65.73	26.66	18.22	13.76	507.03
PITCHRH_SIN		0.00	2200.98	-438.61	46.96	110.29	262.16	191.32	-1.41	42.91	-142.84	-108.72	-25.62	-31.75	16.35	1.79	280.14
ROLLRH_COS		1662.15	-2021.82	398.63	-66.40	-33.94	-848.60	-93.17	26.50	126.49	103.86	97.63	-32.12	22.77	12.02	12.21	-591.14
ROLLRH_SIN		0.00	-7982.48	-471.18	-70.29	198.15	-261.55	-79.23	-31.74	-81.06	56.57	10.32	-77.80	1.62	-32.67	-15.31	617.28
TORQ_COS		35697.87	292.94	11.28	-5.83	-61.36	163.51	0.15	-1.83	-12.56	0.69	26.73	6.55	-0.63	-0.22	-7.29	-9.81
TORQ_SIN		0.00	618.13	-12.18	20.33	47.03	34.44	6.85	-4.39	13.52	-4.97	-49.48	6.60	-4.28	3.84	-2.28	1.38
THRUST_COS		5730.11	-38.40	7.09	0.50	16.46	4.49	-2.81	-1.22	2.38	-1.52	-15.46	4.67	-0.07	0.04	-4.86	9.04
THRUST_SIN		0.00	-77.57	5.32	3.86	13.88	-13.45	3.78	-1.33	-1.42	1.29	-34.83	-2.92	2.01	-0.31	6.83	-13.81

RUN	POINT	Harmonics															
58	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.29	51.71	-11.28	-1.99	-63.99	64.22	4.53	-2.63	-1.52	-4.93	-6.68	1.63	-0.72	-0.17	-0.48	16.56
SIDERH_SIN		0.00	192.53	9.76	0.36	-45.76	-58.41	8.12	0.15	1.49	-2.49	-0.62	4.34	0.33	0.58	0.12	-17.91
DRAGRH_COS		-226.00	215.55	8.58	1.14	-6.73	7.28	-16.58	3.12	-0.96	1.29	21.45	5.91	0.80	-0.82	-0.81	-24.49
DRAGRH_SIN		0.00	-67.85	14.30	0.17	25.73	54.56	-23.37	3.19	0.27	8.03	12.47	-0.34	0.63	-1.14	0.91	-10.13

RUN	POINT	Harmonics															
58	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.69	0.24	0.11	-3.37	-2.28	-0.24	0.36	0.36	-0.01	-0.02	0.15	0.24	0.13	-0.03	-0.02	0.08
ACT1FORCE_SIN		0.00	9.54	1.93	0.52	0.29	-0.92	-0.38	-0.30	0.01	0.05	-0.03	0.04	-0.11	0.06	0.08	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		321.12	-11.85	-5.49	28.67	20.16	7.05	-0.03	-0.03	-0.01	0.00	0.01	0.00	0.00	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-72.99	-16.10	-6.71	-0.77	9.91	0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		484.66	11.96	5.54	-28.69	-20.22	-7.15	0.01	0.02	0.01	0.00	0.00	-0.01	0.01	0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	73.11	16.15	6.83	0.86	-9.90	-0.01	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.01	-0.01
MRBLD1CB42P75_COS		-3691.36	-1482.84	13.64	191.02	-63.24	-73.82	-34.97	-74.59	36.68	64.03	-9.86	-45.92	-7.99	18.06	39.66	-4.39
MRBLD1CB42P75_SIN		0.00	-26.30	-58.49	78.20	57.23	-26.10	17.91	76.89	-39.97	12.09	11.43	41.91	14.90	9.36	30.62	-2.81

RUN	POINT	Harmonics															
58	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2867.43	-816.20	294.53	107.70	-9.77	-23.58	-82.00	-57.99	27.79	61.36	8.28	-18.81	-6.36	13.72	19.97	-4.57
MRBLD1CB70_SIN		0.00	7.71	-83.03	101.49	168.32	-12.50	53.19	72.76	-17.76	6.72	-25.42	31.34	11.49	4.07	26.60	-8.46
MRBLD1CB120_COS		-536.80	-278.63	410.77	76.65	-13.59	53.91	-77.77	-21.83	-14.85	-20.53	22.74	21.20	4.20	-0.59	-0.27	3.82
MRBLD1CB120_SIN		0.00	107.18	-139.26	36.39	194.09	-6.75	48.38	44.08	17.03	-16.82	-4.33	-20.87	-3.74	-0.61	2.58	-1.61
MRBLD1CB164_COS		-1960.28	-91.92	135.44	-13.65	-53.32	31.68	-24.94	15.66	-28.09	-38.81	6.71	15.51	9.56	1.91	-3.24	-2.15
MRBLD1CB164_SIN		0.00	80.73	-52.42	24.98	88.11	11.10	12.64	-8.97	10.03	-19.52	20.98	-16.52	0.61	-0.13	-22.91	3.13
MRBLD1FB42P75_COS		2991.48	141.40	-412.40	379.09	-264.10	-29.35	-18.91	-127.20	-65.47	-27.88	63.93	-16.63	22.94	54.29	120.28	-2.61
MRBLD1FB42P75_SIN		0.00	-0.12	-21.13	204.36	152.55	25.67	3.29	171.73	-40.81	-0.44	64.47	50.82	18.08	-16.85	-44.17	-0.20
MRBLD1FB70_COS		416.83	-67.88	-202.27	93.58	-94.27	-11.71	-2.76	-10.57	3.02	5.69	1.07	-0.47	-2.31	-6.91	-25.57	-1.06
MRBLD1FB70_SIN		0.00	-154.09	1.75	71.45	34.37	-1.78	1.36	37.11	-2.47	1.17	2.83	2.37	0.39	3.27	6.70	-1.76
MRBLD1FB87_COS		-66.39	-35.12	-165.25	20.81	-58.86	-12.32	-3.89	12.47	14.42	7.85	-9.94	6.80	-3.44	-11.04	-23.77	1.01
MRBLD1FB87_SIN		0.00	-156.53	31.12	73.52	25.74	4.25	-3.28	-18.51	-1.63	-6.55	-18.04	-14.21	-4.64	3.40	11.75	4.51
MRBLD1FB120_COS		-448.09	-20.28	-243.74	0.49	-4.51	1.82	6.56	16.04	-10.73	-8.94	1.65	-1.88	4.17	13.13	36.57	-1.42
MRBLD1FB120_SIN		0.00	-207.12	49.37	119.79	22.18	6.74	-0.96	-51.91	8.99	8.30	6.00	3.77	2.79	-6.34	-18.74	-8.24
MRBLD1FB164_COS		-106.83	17.89	-362.34	93.20	208.90	48.51	13.07	-31.71	7.37	12.83	-6.45	1.72	1.06	-4.65	-21.70	0.05
MRBLD1FB164_SIN		0.00	-257.89	55.33	124.45	-10.17	-45.95	-19.51	54.11	-9.69	-4.65	-12.27	-8.29	-4.23	-1.61	8.43	9.22

RUN	POINT	Harmonics															
58	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.04	0.01	-219.45	54.13	162.91	28.97	-17.03	-29.82	22.35	20.88	-15.15	16.66	4.88	13.01	47.36	-2.64
MRBLD1FB180_SIN		0.00	-176.25	32.73	53.58	-13.92	-37.12	-6.22	57.17	-18.18	-18.87	-35.25	-22.47	-2.64	-7.68	-26.56	-13.16
MRBLD1TOR51_COS		-1390.66	48.57	-19.39	54.02	-35.44	-14.82	12.09	-7.57	6.32	5.83	1.51	4.25	0.39	1.93	12.68	1.46
MRBLD1TOR51_SIN		0.00	-46.18	3.03	35.76	5.84	-3.87	6.92	50.59	-3.95	-7.38	-9.88	-1.41	-1.42	-2.48	1.59	-2.06
MRBLD1TOR71_COS		-247.23	58.40	-26.90	35.86	-21.30	-9.70	15.01	1.43	5.48	3.37	0.87	6.19	1.25	0.16	7.06	2.58
MRBLD1TOR71_SIN		0.00	-48.54	0.05	16.80	-3.91	-3.57	8.13	44.07	1.62	-5.07	-10.57	-3.10	-1.08	-2.12	1.59	-0.94
MRBLD1TOR130_COS		-7.30	55.10	-5.74	26.89	0.86	-8.16	12.42	-0.39	4.30	1.78	-0.84	-4.85	0.48	1.20	-4.36	-1.53
MRBLD1TOR130_SIN		0.00	-39.69	-1.59	3.31	0.22	-0.46	8.01	37.25	1.36	-1.47	2.88	1.09	4.05	3.39	3.40	0.97
MRBLD1TOR164_COS		-210.08	36.02	49.35	4.72	-23.08	-15.36	-0.26	3.69	4.74	3.69	0.91	-0.83	1.03	4.15	3.63	-0.22
MRBLD1TOR164_SIN		0.00	-10.99	-4.61	-21.59	-6.23	4.87	8.17	15.27	-0.96	-1.60	-0.18	-0.10	2.70	4.21	7.00	-0.08
MRFBM1CB26P5_COS		-4407.55	-648.84	-37.52	78.10	-2.74	-21.17	12.09	-6.99	-0.98	-3.24	-5.09	-3.84	0.47	2.07	6.84	0.72
MRFBM1CB26P5_SIN		0.00	-79.91	0.04	-14.06	-28.30	-9.77	-10.60	2.92	-8.47	1.05	11.71	0.55	0.80	2.27	4.05	1.69
MRFBM1FB9_COS		296.68	-1.05	165.55	-66.31	40.22	4.64	2.39	11.27	-1.11	-1.17	0.17	2.34	0.60	-0.87	-1.48	-0.33
MRFBM1FB9_SIN		0.00	5.04	37.14	-89.73	-11.68	-1.28	3.45	-2.69	2.93	-0.14	-1.94	-0.53	-1.07	-1.78	-3.11	0.13
MRFBM1TOR26P5_COS		-341.46	90.04	-0.62	0.39	-0.33	0.27	0.05	-0.02	0.18	0.13	0.06	0.13	-0.01	-0.04	0.04	-0.04
MRFBM1TOR26P5_SIN		0.00	-88.32	-0.09	0.02	-0.30	-0.16	0.27	0.16	0.18	-0.03	-0.12	0.08	-0.04	-0.05	-0.21	0.03

RUN	POINT	Harmonics															
58	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-945.30	-1380.38	-67.96	219.24	-78.24	-61.71	-8.10	-63.80	13.31	29.11	-5.45	-33.15	-1.73	17.42	42.83	-2.65
MRPC1CB33P25_SIN		0.00	2.54	-27.50	33.29	10.30	-18.00	-1.87	53.99	-39.54	2.48	30.98	27.60	12.25	9.61	28.03	-0.19
MRPC1FB33P25_COS		2141.19	90.96	-334.98	275.57	-251.03	-32.31	-19.03	-164.56	-30.93	-18.10	10.71	-43.61	2.97	47.65	107.14	-3.76
MRPC1FB33P25_SIN		0.00	129.00	-84.91	242.03	70.36	13.90	-5.73	79.34	-61.96	-17.00	80.22	26.06	28.39	32.13	80.34	-1.92
MRPC1TOR25P5_COS		-782.87	-26.63	-10.19	-55.72	29.18	7.79	-20.97	-1.99	-9.74	-6.33	-2.44	-10.75	-1.50	1.01	-9.03	-5.12
MRPC1TOR25P5_SIN		0.00	84.27	-55.72	-17.23	-4.12	6.94	-5.58	-55.84	-1.82	6.99	13.83	4.42	3.75	5.34	14.75	2.85
MRPLK1LOAD_COS		-72.29	6.48	1.17	-7.03	4.48	1.29	-2.50	0.47	-1.20	-1.08	-0.18	-1.92	0.05	-0.08	-2.32	-0.32
MRPLK1LOAD_SIN		0.00	-13.90	-2.54	-3.48	-0.45	1.37	-1.07	-7.10	0.03	0.50	1.95	-0.18	0.57	0.82	2.41	0.43
PITCHRH_COS		10174.44	-8187.11	-369.12	-46.05	-61.26	-572.37	90.25	-38.83	64.67	-5.59	-68.21	-62.90	27.74	22.30	23.44	499.95
PITCHRH_SIN		0.00	2231.48	-429.08	51.35	87.44	404.38	187.77	2.78	52.86	-138.95	-62.15	-34.27	-29.71	21.46	17.46	165.63
ROLLRH_COS		1212.90	-2003.51	416.53	-52.53	-26.01	-884.89	-62.57	24.91	125.97	101.57	128.87	-19.75	35.70	31.02	12.03	-446.11
ROLLRH_SIN		0.00	-7947.19	-476.66	-73.60	181.85	-576.31	-34.00	-41.89	-86.53	34.57	13.42	-72.49	-6.87	-37.54	-13.21	660.88
TORQ_COS		36169.11	316.64	8.07	-9.39	-55.69	174.01	-1.41	-4.08	-12.52	0.08	21.99	5.15	-2.30	-0.18	-7.65	-8.30
TORQ_SIN		0.00	616.99	-19.83	17.97	23.67	34.93	5.02	3.62	12.95	-5.99	-49.85	6.50	-6.39	3.64	-2.89	2.24
THRUST_COS		5637.46	-39.31	6.51	-0.30	13.62	6.82	-2.54	-0.70	2.87	-1.35	-20.03	5.02	-1.48	-0.78	-2.29	3.89
THRUST_SIN		0.00	-77.35	5.93	6.34	17.23	-17.15	2.59	5.43	-1.57	0.76	-33.78	-1.92	1.42	0.09	10.48	-14.43

RUN	POINT	Harmonics															
58	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.66	47.08	-11.70	-2.51	-60.06	79.10	5.08	-2.29	-1.50	-4.67	-7.79	0.99	-1.29	-0.87	-0.56	12.61
SIDERH_SIN		0.00	188.40	10.12	0.56	-45.76	-44.50	5.78	0.55	1.90	-1.52	-0.74	3.94	0.54	0.79	0.02	-19.00
DRAGRH_COS		-227.78	215.01	7.89	0.93	-8.00	-18.68	-22.05	2.49	-0.63	0.78	20.10	5.29	1.62	-1.17	-0.94	-23.67
DRAGRH_SIN		0.00	-67.56	13.86	0.13	23.83	40.41	-22.09	1.14	-0.75	8.52	9.03	0.57	1.13	-1.45	-0.05	-5.05

RUN	POINT	Harmonics															
58	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.00	0.18	-0.08	-3.42	-2.26	-0.30	0.33	0.32	-0.02	0.01	0.17	0.27	0.12	0.00	-0.01	0.09
ACT1FORCE_SIN		0.00	9.59	2.02	0.55	0.37	-0.96	-0.39	-0.35	0.00	0.04	0.00	0.04	-0.11	0.09	0.09	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		323.02	-12.22	-3.88	29.11	19.16	7.83	-0.02	-0.03	-0.01	0.00	0.00	0.01	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-73.64	-16.48	-8.27	-1.53	10.38	-0.01	-0.02	0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.75	12.31	3.92	-29.13	-19.22	-7.90	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	73.77	16.53	8.35	1.58	-10.39	-0.01	0.01	-0.01	0.02	0.00	0.01	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-3725.24	-1469.17	42.00	189.66	-47.59	-75.68	-31.94	-58.11	31.53	62.77	-17.36	-47.98	-9.92	18.45	43.81	-8.26
MRBLD1CB42P75_SIN		0.00	52.71	-58.34	64.32	64.90	-20.54	16.92	81.56	-32.87	5.90	12.46	46.00	17.85	14.16	37.67	0.49

RUN	POINT	Harmonics															
58	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2858.06	-801.99	316.93	115.70	8.56	-24.13	-79.27	-44.86	26.29	60.96	3.64	-19.54	-5.24	15.98	25.57	-4.59
MRBLD1CB70_SIN		0.00	60.40	-84.31	86.10	175.56	-6.34	58.20	76.58	-11.91	1.82	-23.61	34.07	14.14	7.99	31.96	-4.91
MRBLD1CB120_COS		-527.22	-271.84	423.42	83.94	4.72	54.70	-76.34	-14.52	-12.28	-20.85	24.01	20.74	4.90	-0.78	-0.73	3.32
MRBLD1CB120_SIN		0.00	130.38	-142.60	23.75	196.56	0.63	57.06	46.90	22.31	-13.40	-6.12	-22.78	-4.30	-1.38	1.94	-1.31
MRBLD1CB164_COS		-1958.16	-91.03	136.42	-11.44	-47.31	31.74	-26.07	13.79	-24.96	-38.90	8.97	15.47	8.34	0.28	-6.75	-2.79
MRBLD1CB164_SIN		0.00	86.97	-53.41	18.47	89.91	13.60	17.14	-9.27	11.84	-14.96	18.74	-18.14	-0.65	-2.22	-26.32	0.40
MRBLD1FB42P75_COS		3010.90	135.87	-396.50	359.49	-248.36	-22.86	-10.85	-86.21	-58.37	-27.99	55.05	-14.21	26.10	63.34	135.12	-0.70
MRBLD1FB42P75_SIN		0.00	-22.48	-29.22	169.81	139.17	27.34	-9.25	159.02	-26.16	-1.09	63.34	50.56	18.87	-16.96	-47.19	8.04
MRBLD1FB70_COS		414.36	-70.17	-199.56	85.94	-89.68	-10.25	-0.95	-3.45	3.29	4.91	1.05	-0.58	-3.30	-9.04	-28.53	-1.09
MRBLD1FB70_SIN		0.00	-155.52	0.08	58.71	32.13	-0.63	0.03	35.71	0.18	0.88	2.93	3.11	1.03	3.35	6.85	-3.57
MRBLD1FB87_COS		-72.10	-37.60	-165.82	16.46	-58.49	-13.74	-5.03	8.34	13.47	7.85	-8.38	6.01	-3.61	-12.69	-27.36	0.15
MRBLD1FB87_SIN		0.00	-158.84	31.08	66.23	26.91	5.15	-1.80	-16.84	-2.90	-5.91	-18.31	-15.11	-5.15	3.92	12.95	2.75
MRBLD1FB120_COS		-455.38	-19.32	-242.65	-0.98	-5.37	1.46	5.21	7.85	-10.22	-8.00	1.94	-0.96	5.37	16.11	41.05	-0.20
MRBLD1FB120_SIN		0.00	-210.34	50.36	110.60	23.66	4.57	0.30	-50.25	5.09	7.76	5.79	3.29	1.77	-8.33	-21.12	-6.12
MRBLD1FB164_COS		-107.71	19.20	-350.04	91.72	207.05	51.41	13.53	-19.62	7.27	12.24	-5.80	0.63	0.82	-5.54	-23.81	0.08
MRBLD1FB164_SIN		0.00	-264.08	53.35	116.55	-13.40	-48.15	-21.89	50.55	-3.77	-5.09	-12.46	-8.47	-4.29	-1.11	9.37	7.22

RUN	POINT	Harmonics															
58	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.09	0.25	-210.97	53.59	162.21	30.63	-15.77	-18.71	21.22	19.23	-12.27	14.69	5.34	14.81	51.63	-2.58
MRBLD1FB180_SIN		0.00	-180.35	31.17	50.95	-17.86	-37.71	-8.06	54.63	-13.96	-17.40	-35.22	-25.06	-5.69	-10.17	-29.58	-10.40
MRBLD1TOR51_COS		-1387.55	50.22	-14.66	54.88	-34.30	-15.14	13.07	0.54	6.28	5.21	1.87	4.71	1.48	3.17	14.21	0.80
MRBLD1TOR51_SIN		0.00	-44.52	1.75	32.92	6.21	-3.95	6.33	47.28	-2.07	-7.64	-9.84	-2.25	-1.84	-2.15	2.59	-1.15
MRBLD1TOR71_COS		-246.31	59.41	-23.87	36.45	-21.38	-10.31	15.59	6.92	5.42	2.84	1.69	6.39	1.78	0.93	7.99	2.33
MRBLD1TOR71_SIN		0.00	-48.62	-0.79	15.48	-3.44	-4.05	7.89	40.88	2.72	-5.08	-10.15	-3.55	-1.43	-2.13	2.14	-0.20
MRBLD1TOR130_COS		-6.69	55.67	-3.62	26.98	0.64	-8.85	12.90	4.10	3.88	1.61	-0.88	-5.17	-0.12	0.67	-5.10	-1.21
MRBLD1TOR130_SIN		0.00	-39.51	-1.60	3.66	0.71	-0.44	8.06	35.30	2.78	-1.85	2.63	1.53	4.23	3.36	2.92	0.42
MRBLD1TOR164_COS		-210.00	36.25	48.83	5.11	-22.89	-16.01	0.20	5.10	4.85	3.67	1.37	-0.61	1.07	4.43	3.92	0.02
MRBLD1TOR164_SIN		0.00	-10.18	-4.44	-19.96	-5.47	5.17	8.58	14.44	-0.78	-1.51	-0.19	-0.16	2.77	4.25	6.96	-0.48
MRFBM1CB26P5_COS		-4435.13	-643.90	-26.19	75.36	-0.81	-21.77	12.53	-5.76	-1.86	-3.40	-5.46	-3.63	0.33	2.26	6.96	-0.17
MRFBM1CB26P5_SIN		0.00	-44.70	0.52	-13.82	-26.85	-9.94	-12.27	2.85	-8.36	0.75	11.19	0.59	0.77	2.54	4.45	1.75
MRFBM1FB9_COS		325.23	-22.40	153.15	-64.62	37.73	4.68	1.81	9.39	-0.75	-1.31	0.36	2.38	0.66	-0.87	-1.56	-0.03
MRFBM1FB9_SIN		0.00	-8.95	40.00	-80.14	-10.67	-1.72	3.56	-3.86	2.22	-0.01	-1.70	-0.45	-1.18	-2.02	-3.61	0.08
MRFBM1TOR26P5_COS		-341.35	89.87	-0.63	0.39	-0.37	0.26	0.03	0.02	0.18	0.12	0.06	0.13	0.00	-0.04	0.05	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.62	-0.11	0.00	-0.27	-0.17	0.27	0.13	0.18	-0.03	-0.11	0.06	-0.04	-0.06	-0.20	0.04

RUN	POINT	Harmonics															
58	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-973.71	-1368.39	-40.68	212.87	-65.56	-62.49	-5.16	-48.85	9.29	27.97	-10.88	-33.83	-2.49	18.71	46.97	-6.39
MRPC1CB33P25_SIN		0.00	70.39	-28.86	23.83	14.19	-14.61	-5.31	56.93	-33.05	-1.12	30.60	30.15	14.28	13.61	33.81	2.87
MRPC1FB33P25_COS		2158.86	88.20	-319.35	265.19	-234.81	-27.69	-8.13	-127.91	-32.66	-18.37	4.49	-41.20	4.55	52.98	118.47	-9.96
MRPC1FB33P25_SIN		0.00	107.49	-88.31	209.89	62.92	17.01	-12.69	85.94	-47.60	-17.67	73.95	27.91	31.67	39.06	90.81	4.51
MRPC1TOR25P5_COS		-785.92	-27.77	-12.39	-56.47	29.18	8.44	-21.55	-8.99	-9.99	-5.74	-3.24	-11.62	-2.73	-0.37	-10.04	-4.58
MRPC1TOR25P5_SIN		0.00	81.16	-53.96	-16.03	-3.92	6.83	-5.14	-51.48	-3.23	6.98	13.79	5.77	4.95	5.99	14.70	2.52
MRPLK1LOAD_COS		-72.94	6.39	0.85	-7.07	4.38	1.30	-2.61	-0.62	-1.21	-0.94	-0.27	-2.00	-0.13	-0.27	-2.60	-0.13
MRPLK1LOAD_SIN		0.00	-14.39	-2.27	-3.12	-0.43	1.38	-1.02	-6.55	-0.19	0.56	1.91	0.05	0.73	0.93	2.35	0.31
PITCHRH_COS		10497.00	-8194.27	-378.44	-52.72	-67.70	-473.50	28.63	-42.73	80.02	-15.44	-109.26	-54.30	25.67	10.83	19.49	551.25
PITCHRH_SIN		0.00	2245.71	-432.81	49.14	69.99	316.33	188.18	0.11	59.93	-138.27	-81.11	-30.98	-31.61	17.83	13.15	193.03
ROLLRH_COS		1525.29	-2013.25	415.11	-55.53	-42.73	-871.87	-82.02	39.65	133.76	121.76	123.61	-30.61	22.06	10.65	-2.58	-459.12
ROLLRH_SIN		0.00	-7947.69	-481.92	-74.21	185.51	-465.22	-108.15	-33.15	-94.33	30.48	-1.10	-58.91	-6.22	-33.54	10.61	732.36
TORQ_COS		35631.92	308.76	3.68	-7.18	-69.46	176.84	-1.92	-3.36	-10.52	0.28	23.83	6.53	-3.53	-0.35	-6.46	-9.03
TORQ_SIN		0.00	611.02	-22.55	12.04	0.97	31.11	5.89	2.91	14.31	-5.90	-49.60	6.53	-4.98	3.20	-2.89	-0.47
THRUST_COS		5721.78	-37.83	7.53	-1.80	16.12	6.06	-2.28	0.57	2.57	-1.70	-13.75	4.81	-0.59	0.61	-3.67	3.32
THRUST_SIN		0.00	-75.70	6.79	4.75	21.27	-18.82	4.14	5.21	-1.53	1.39	-32.10	-1.40	1.61	-0.26	8.03	-16.68

RUN	POINT	Harmonics															
58	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.76	47.08	-11.51	-1.88	-58.74	73.04	4.43	-2.27	-1.63	-5.63	-7.66	1.56	-0.72	-0.17	-0.07	12.80
SIDERH_SIN		0.00	187.64	10.33	0.60	-54.07	-49.91	8.51	0.30	1.85	-0.98	-0.23	3.19	0.58	0.58	-0.69	-21.23
DRAGRH_COS		-225.68	215.23	8.65	1.25	-8.38	-5.68	-15.44	1.60	-1.14	0.47	21.81	4.26	1.93	-1.12	-1.03	-25.73
DRAGRH_SIN		0.00	-67.50	14.28	0.25	22.15	46.95	-21.58	1.23	-0.42	9.09	9.04	0.18	0.34	-1.58	0.42	-6.03

RUN	POINT	Harmonics															
58	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.04	0.27	-0.19	-3.41	-2.12	-0.31	0.38	0.28	-0.06	0.05	0.13	0.24	0.09	0.00	-0.02	0.10
ACT1FORCE_SIN		0.00	9.42	2.11	0.49	0.23	-0.84	-0.34	-0.27	-0.03	-0.01	0.02	0.06	-0.10	0.08	0.07	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		321.93	-12.78	-3.45	29.13	18.56	7.24	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-72.79	-16.86	-6.81	0.05	9.29	-0.01	-0.02	0.01	-0.01	0.00	0.00	-0.01	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.83	12.86	3.49	-29.16	-18.62	-7.31	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	72.92	16.91	6.90	0.00	-9.30	-0.01	0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-3732.02	-1642.31	50.12	183.55	-32.24	-66.44	-36.45	-57.02	35.63	63.03	-11.26	-56.25	-18.18	13.35	48.31	-16.67
MRBLD1CB42P75_SIN		0.00	-66.23	-66.22	61.36	47.60	-19.92	21.24	80.05	-31.66	12.36	7.54	51.42	16.29	15.26	49.68	6.44

RUN	POINT	Harmonics															
58	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2863.41	-906.92	323.68	114.59	31.02	-16.22	-74.90	-43.36	28.42	61.24	9.00	-24.76	-11.37	12.15	26.10	-13.58
MRBLD1CB70_SIN		0.00	-24.51	-90.84	78.21	155.99	-5.49	52.75	72.63	-12.01	5.97	-27.12	38.63	14.02	8.53	42.47	3.44
MRBLD1CB120_COS		-514.80	-306.06	424.76	86.07	23.31	61.36	-60.27	-10.00	-14.39	-19.89	21.77	24.31	6.79	-0.09	-3.10	0.27
MRBLD1CB120_SIN		0.00	87.48	-147.62	14.65	171.78	2.32	46.60	41.37	18.74	-18.53	-5.85	-28.47	-5.47	-3.38	1.34	-1.58
MRBLD1CB164_COS		-1954.97	-99.76	135.07	-11.15	-39.75	32.35	-16.97	16.00	-26.27	-37.50	5.97	19.56	12.49	2.11	-5.19	5.23
MRBLD1CB164_SIN		0.00	76.07	-52.60	17.93	79.87	15.67	12.14	-10.65	9.17	-20.23	18.92	-24.10	-3.27	-3.78	-33.55	-5.00
MRBLD1FB42P75_COS		3016.42	182.81	-394.51	344.69	-256.29	-10.59	-9.43	-75.56	-54.65	-25.64	53.45	-22.82	13.89	58.33	157.53	-5.33
MRBLD1FB42P75_SIN		0.00	-2.44	-27.81	165.74	87.78	30.12	9.32	156.40	-30.28	-2.33	57.76	54.56	23.19	-10.70	-40.74	33.33
MRBLD1FB70_COS		411.97	-72.52	-197.01	80.52	-90.75	-6.46	-0.48	-1.51	4.01	5.17	1.05	0.26	-1.88	-8.09	-33.19	-0.44
MRBLD1FB70_SIN		0.00	-156.24	1.16	59.17	16.73	0.26	2.88	33.69	-1.04	0.87	2.25	2.53	-0.07	2.26	5.25	-9.09
MRBLD1FB87_COS		-75.76	-39.89	-163.03	13.65	-58.24	-13.15	-5.85	6.58	12.17	7.05	-8.23	7.61	-1.46	-11.79	-32.01	1.67
MRBLD1FB87_SIN		0.00	-156.17	33.71	67.78	20.87	6.41	-1.90	-16.47	-1.84	-5.38	-17.00	-16.48	-6.31	2.13	11.59	-1.81
MRBLD1FB120_COS		-462.39	-26.40	-239.00	-3.36	-2.79	-0.85	4.00	5.82	-9.97	-8.32	1.89	-1.52	4.01	14.89	47.33	-3.07
MRBLD1FB120_SIN		0.00	-204.96	54.78	113.21	27.33	6.51	-2.11	-47.70	5.14	7.07	6.56	5.54	3.92	-6.10	-18.92	1.21
MRBLD1FB164_COS		-110.77	15.66	-344.21	87.56	207.77	47.38	20.17	-14.12	6.19	11.23	-6.91	1.12	2.03	-4.41	-26.20	1.92
MRBLD1FB164_SIN		0.00	-257.91	50.49	108.92	2.79	-50.40	-25.06	50.28	-2.98	-3.37	-12.87	-11.26	-4.31	-0.87	8.64	3.70

RUN	POINT	Harmonics															
58	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.71	-0.88	-207.05	52.05	162.99	29.36	-12.71	-15.81	19.14	17.44	-13.20	16.46	6.18	13.36	57.83	-7.93
MRBLD1FB180_SIN		0.00	-176.51	28.54	44.29	-8.15	-39.43	-9.65	51.61	-13.32	-16.16	-33.06	-28.38	-5.21	-8.52	-26.49	-1.39
MRBLD1TOR51_COS		-1386.78	46.73	-12.93	53.32	-36.71	-12.39	13.92	0.12	6.27	5.86	2.03	4.61	0.70	2.25	15.34	-1.82
MRBLD1TOR51_SIN		0.00	-47.30	0.81	33.45	0.83	-8.26	11.63	47.25	-3.93	-7.72	-9.18	-1.95	-1.39	-2.33	3.70	-1.47
MRBLD1TOR71_COS		-245.97	58.28	-22.48	35.27	-24.22	-8.32	16.55	6.34	5.28	3.26	1.53	6.77	1.79	0.59	8.03	0.55
MRBLD1TOR71_SIN		0.00	-49.66	-1.59	16.24	-6.42	-8.44	11.94	40.69	0.79	-5.53	-9.53	-3.73	-1.05	-2.45	2.71	-0.93
MRBLD1TOR130_COS		-6.46	54.06	-2.22	26.64	-2.65	-7.81	13.78	3.97	4.06	1.65	-0.67	-5.32	0.17	1.15	-5.93	-0.43
MRBLD1TOR130_SIN		0.00	-40.61	-2.68	4.51	0.88	-4.66	11.04	35.41	1.64	-1.61	2.78	1.37	4.08	3.27	3.44	0.94
MRBLD1TOR164_COS		-209.84	35.11	48.86	5.62	-24.12	-15.17	-0.94	5.07	5.29	3.45	1.04	-0.57	1.55	4.66	3.50	-0.44
MRBLD1TOR164_SIN		0.00	-11.74	-4.95	-18.29	-7.46	3.47	9.65	13.73	-1.02	-1.54	-0.31	-0.75	2.65	4.50	8.58	0.08
MRFBM1CB26P5_COS		-4438.67	-728.06	-22.58	74.30	-1.75	-20.69	10.44	-5.94	-1.25	-3.37	-5.81	-4.19	-0.12	1.95	7.83	-1.00
MRFBM1CB26P5_SIN		0.00	-104.41	-1.55	-13.56	-27.18	-10.32	-9.67	3.50	-7.47	1.19	10.97	0.47	0.41	2.61	5.20	1.55
MRFBM1FB9_COS		337.62	43.36	148.17	-61.66	35.71	3.62	2.19	8.72	-1.02	-1.17	0.13	2.65	0.92	-0.59	-1.37	0.81
MRFBM1FB9_SIN		0.00	-4.51	41.31	-78.26	-4.89	-2.73	2.06	-3.85	2.17	-0.21	-1.52	-0.40	-0.80	-1.95	-4.33	0.09
MRFBM1TOR26P5_COS		-341.26	90.51	-0.58	0.38	-0.38	0.28	0.06	0.02	0.17	0.14	0.05	0.14	0.00	-0.05	0.09	-0.04
MRFBM1TOR26P5_SIN		0.00	-88.02	-0.02	0.03	-0.25	-0.19	0.35	0.12	0.15	-0.03	-0.09	0.07	-0.04	-0.06	-0.24	0.02

RUN	POINT	Harmonics															
58	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-978.79	-1521.47	-34.78	206.82	-59.19	-54.53	-9.36	-46.95	12.21	28.99	-7.62	-39.49	-8.75	14.77	51.34	-15.88
MRPC1CB33P25_SIN		0.00	-26.02	-38.40	22.19	-0.88	-13.82	2.33	56.82	-32.16	2.50	27.32	33.14	12.83	14.07	44.16	7.66
MRPC1FB33P25_COS		2163.26	131.06	-319.32	253.66	-229.31	-18.45	-13.30	-119.26	-27.96	-15.62	6.64	-50.32	-6.51	44.96	126.21	-35.23
MRPC1FB33P25_SIN		0.00	128.65	-86.22	204.87	18.66	22.91	1.85	88.13	-48.49	-17.13	69.72	24.84	25.99	39.36	115.95	15.09
MRPC1TOR25P5_COS		-786.89	-19.32	-18.14	-54.86	32.61	5.48	-23.09	-8.83	-9.40	-6.53	-2.92	-12.40	-2.87	0.50	-12.53	-5.34
MRPC1TOR25P5_SIN		0.00	85.96	-50.10	-16.84	0.20	13.01	-10.38	-51.13	-0.64	7.93	12.86	5.83	4.37	6.27	18.16	4.78
MRPLK1LOAD_COS		-73.11	6.62	0.61	-6.85	4.92	0.94	-2.82	-0.59	-1.19	-1.07	-0.28	-2.06	-0.07	-0.11	-3.23	-0.21
MRPLK1LOAD_SIN		0.00	-14.24	-2.12	-3.33	0.22	2.04	-1.77	-6.46	0.13	0.68	1.79	-0.03	0.70	0.93	2.91	0.63
PITCHRH_COS		9368.76	-8195.89	-370.16	-45.02	-87.61	-635.05	86.07	-29.04	67.70	-12.41	-139.43	-69.16	21.36	10.04	1.23	621.99
PITCHRH_SIN		0.00	2224.69	-441.78	34.06	90.88	192.54	224.85	15.16	59.87	-141.86	-84.58	-30.70	-16.49	38.99	28.39	261.89
ROLLRH_COS		1338.80	-2029.52	419.02	-42.53	-44.62	-521.80	-80.19	30.62	115.31	117.13	117.63	-29.56	27.10	41.13	-11.65	-482.68
ROLLRH_SIN		0.00	-7955.39	-476.81	-75.71	190.88	-557.62	-67.08	-24.66	-79.39	34.26	19.60	-65.75	-7.22	-19.89	2.75	928.59
TORQ_COS		35671.53	297.30	9.99	-8.51	-81.46	173.90	-2.20	-0.73	-12.27	0.11	25.91	6.87	-2.12	-0.05	-5.78	-6.62
TORQ_SIN		0.00	602.63	-13.64	15.35	23.82	40.10	5.38	2.34	11.91	-5.34	-47.83	7.34	-6.27	3.80	-0.67	1.03
THRUST_COS		5754.26	-40.47	7.52	-1.63	18.23	1.26	-2.16	1.69	2.49	-0.99	-12.44	5.56	-1.37	0.06	-3.62	13.33
THRUST_SIN		0.00	-75.88	5.72	5.43	17.98	-20.72	3.08	4.04	-1.24	1.54	-30.19	-3.07	0.91	-1.39	8.16	-30.42

RUN	POINT	Harmonics															
58	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.46	51.83	-11.81	-2.03	-61.53	58.40	5.87	-2.57	-1.49	-5.53	-7.37	1.42	-0.97	-1.10	0.11	13.43
SIDERH_SIN		0.00	187.16	9.84	0.45	-53.94	-29.99	7.64	0.18	1.89	-1.33	-1.02	3.80	0.48	0.04	-0.58	-26.66
DRAGRH_COS		-232.25	214.68	7.79	0.93	-9.89	-4.89	-22.53	2.00	-1.06	0.20	24.80	5.47	1.07	-0.80	-0.17	-29.88
DRAGRH_SIN		0.00	-67.78	13.72	0.62	22.96	17.56	-26.90	1.66	-0.72	9.01	9.60	0.11	0.67	-2.11	-0.40	-10.03

RUN	POINT	Harmonics															
58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.27	0.21	0.16	-3.37	-2.07	-0.41	0.35	0.31	-0.04	-0.02	0.09	0.27	0.13	0.00	-0.02	0.09
ACT1FORCE_SIN		0.00	9.42	1.79	0.72	0.35	-0.83	-0.40	-0.32	0.03	0.01	-0.01	-0.01	-0.12	0.10	0.06	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		323.08	-11.57	-4.94	28.42	17.73	8.67	-0.03	-0.03	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-71.47	-15.06	-8.16	-0.89	9.42	-0.01	-0.01	0.01	-0.01	0.00	0.01	0.00	0.00	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		482.68	11.64	4.98	-28.44	-17.78	-8.74	0.02	0.02	0.00	0.00	0.00	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	71.60	15.10	8.24	0.94	-9.41	0.00	0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.01	-0.01
MRBLD1CB42P75_COS		-3737.49	-1473.79	10.05	187.02	-42.83	-65.48	-39.26	-62.61	40.92	64.27	-6.50	-51.43	-11.67	15.44	39.25	-3.67
MRBLD1CB42P75_SIN		0.00	39.08	-53.40	73.53	66.22	-23.42	17.78	77.11	-35.04	8.39	-3.13	46.50	17.77	19.14	43.55	4.03

RUN	POINT	Harmonics															
58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2844.97	-805.50	295.38	103.93	11.86	-5.20	-78.43	-48.88	30.73	61.36	12.43	-22.74	-6.71	13.48	23.87	-0.83
MRBLD1CB70_SIN		0.00	40.68	-82.08	94.42	179.34	-2.81	58.78	71.39	-14.41	4.15	-37.26	35.00	12.91	11.20	33.25	-3.19
MRBLD1CB120_COS		-534.95	-267.66	412.58	76.80	13.88	73.07	-66.97	-17.28	-14.35	-17.76	21.13	22.81	5.21	-0.42	-1.39	2.62
MRBLD1CB120_SIN		0.00	109.89	-139.89	30.07	202.66	8.78	61.33	42.14	18.21	-12.73	4.36	-23.61	-4.52	-2.66	1.25	-1.48
MRBLD1CB164_COS		-1959.67	-89.77	135.01	-14.98	-41.10	38.07	-18.88	14.78	-26.79	-36.24	3.51	18.42	9.31	1.48	-5.55	-3.96
MRBLD1CB164_SIN		0.00	80.89	-51.86	24.70	92.30	19.60	19.98	-9.88	9.66	-15.28	30.42	-18.63	-0.16	-3.98	-27.07	-1.68
MRBLD1FB42P75_COS		3018.86	134.19	-417.09	375.78	-211.77	-46.05	-25.24	-104.35	-54.06	-20.19	63.42	-18.16	23.49	64.17	137.08	7.67
MRBLD1FB42P75_SIN		0.00	-13.89	-16.97	209.45	136.27	24.61	1.35	152.18	-45.70	-8.62	61.97	50.96	22.43	-6.01	-29.22	5.88
MRBLD1FB70_COS		418.39	-68.77	-204.44	91.98	-76.43	-13.08	-2.83	-6.47	3.93	5.57	0.94	-0.54	-2.82	-8.93	-28.83	-3.17
MRBLD1FB70_SIN		0.00	-150.93	4.18	73.04	30.21	-1.70	2.71	34.78	-2.08	1.02	2.67	2.71	0.17	1.62	3.20	-3.30
MRBLD1FB87_COS		-68.52	-36.89	-167.46	18.78	-52.73	-13.99	-4.06	9.71	12.33	6.66	-9.52	7.27	-3.42	-13.44	-28.06	-1.46
MRBLD1FB87_SIN		0.00	-151.97	33.43	75.18	23.65	3.66	-2.55	-16.23	-0.03	-4.41	-16.79	-14.56	-5.35	1.48	9.16	3.26
MRBLD1FB120_COS		-453.24	-24.11	-243.90	-0.94	-7.28	1.99	6.62	11.83	-10.93	-9.96	0.52	-2.58	4.75	16.77	42.10	2.27
MRBLD1FB120_SIN		0.00	-199.58	52.90	125.12	21.58	7.33	-2.97	-49.73	6.72	7.02	5.27	3.63	2.37	-5.12	-15.57	-6.42
MRBLD1FB164_COS		-104.92	14.20	-357.55	92.14	186.83	56.64	14.98	-24.51	8.20	14.63	-5.59	1.12	0.42	-6.45	-24.06	-1.22
MRBLD1FB164_SIN		0.00	-254.21	54.73	128.57	-9.18	-42.23	-19.36	52.15	-7.36	-3.01	-10.90	-8.65	-3.66	-2.33	6.22	7.15

RUN	POINT	Harmonics															
58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-166.62	-2.04	-215.78	54.65	149.32	34.11	-15.45	-22.64	22.06	20.14	-14.39	16.08	4.69	15.06	52.43	0.31
MRBLD1FB180_SIN		0.00	-174.66	32.02	54.48	-13.25	-36.97	-5.48	54.93	-15.31	-14.56	-31.88	-24.66	-4.97	-8.01	-23.05	-10.98
MRBLD1TOR51_COS		-1387.38	48.85	-21.37	54.30	-30.68	-15.32	11.49	-1.32	7.76	5.05	0.92	4.48	1.33	3.12	13.32	1.31
MRBLD1TOR51_SIN		0.00	-45.10	3.01	33.53	5.79	-3.94	5.25	47.58	-2.48	-6.74	-10.17	-2.67	-1.96	-1.75	4.23	-0.44
MRBLD1TOR71_COS		-245.08	58.52	-28.68	36.55	-18.73	-9.89	14.77	5.93	6.31	2.36	0.40	6.38	2.08	1.27	7.33	2.44
MRBLD1TOR71_SIN		0.00	-48.08	-0.38	14.77	-3.88	-3.42	6.76	41.76	2.85	-4.28	-10.16	-4.10	-1.54	-1.96	2.95	0.21
MRBLD1TOR130_COS		-5.50	55.24	-7.24	27.27	0.60	-7.85	12.09	3.03	4.99	1.62	-0.82	-5.59	-0.14	0.73	-5.08	-1.52
MRBLD1TOR130_SIN		0.00	-38.67	-1.81	1.49	0.16	0.26	7.30	35.60	2.36	-1.08	3.20	1.45	4.40	3.34	2.17	0.14
MRBLD1TOR164_COS		-209.92	36.80	48.20	5.22	-19.82	-15.79	-0.44	4.70	4.77	3.42	1.27	-0.91	0.94	3.95	3.23	0.21
MRBLD1TOR164_SIN		0.00	-10.47	-4.65	-22.99	-5.75	4.14	8.24	14.51	-0.87	-1.84	-0.18	0.00	2.93	4.67	6.81	-0.81
MRFBM1CB26P5_COS		-4439.63	-645.24	-39.95	78.70	-2.78	-22.55	10.14	-5.89	-0.24	-2.84	-5.45	-3.60	0.10	1.89	5.68	0.02
MRFBM1CB26P5_SIN		0.00	-47.32	2.28	-14.96	-28.60	-11.37	-12.03	2.98	-8.32	0.86	11.68	0.47	1.17	2.88	5.67	2.25
MRFBM1FB9_COS		327.02	-19.30	169.68	-65.18	33.26	5.53	3.13	9.67	-1.51	-1.59	-0.15	2.42	0.73	-0.52	-1.19	-0.10
MRFBM1FB9_SIN		0.00	-12.51	33.84	-90.36	-12.41	-0.79	3.32	-2.82	2.57	-0.10	-1.72	-0.36	-1.13	-2.18	-3.79	-0.33
MRFBM1TOR26P5_COS		-341.41	90.03	-0.61	0.38	-0.34	0.27	0.04	0.04	0.16	0.11	0.04	0.14	0.01	-0.04	0.08	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.49	-0.12	-0.01	-0.26	-0.15	0.27	0.15	0.19	-0.03	-0.12	0.08	-0.05	-0.06	-0.19	0.03

RUN	POINT	Harmonics															
58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-972.75	-1372.83	-72.21	216.01	-61.72	-61.39	-12.86	-52.70	17.69	30.79	-4.39	-36.06	-4.32	15.91	42.00	-2.64
MRPC1CB33P25_SIN		0.00	61.96	-22.12	30.15	13.54	-18.99	-3.47	52.95	-36.66	0.06	22.90	30.24	14.87	17.74	40.20	6.06
MRPC1FB33P25_COS		2163.88	84.42	-338.33	270.59	-204.98	-44.79	-22.74	-139.88	-20.25	-8.33	11.69	-44.95	-0.22	44.60	103.18	-3.56
MRPC1FB33P25_SIN		0.00	115.85	-82.29	245.26	67.91	8.16	-9.53	72.65	-60.85	-19.28	77.21	25.22	31.55	46.82	103.59	10.56
MRPC1TOR25P5_COS		-785.20	-28.17	-6.29	-56.79	26.48	8.48	-20.52	-7.46	-10.51	-5.07	-0.69	-11.91	-2.87	-0.57	-11.24	-4.99
MRPC1TOR25P5_SIN		0.00	83.01	-55.47	-14.55	-3.08	6.97	-3.49	-52.22	-3.04	6.24	13.65	6.38	4.79	6.22	13.19	2.29
MRPLK1LOAD_COS		-72.94	6.39	1.39	-7.09	3.86	1.34	-2.47	-0.39	-1.32	-0.85	0.06	-2.12	-0.19	-0.29	-2.75	-0.27
MRPLK1LOAD_SIN		0.00	-13.97	-2.62	-3.13	-0.32	1.34	-0.85	-6.66	-0.18	0.40	1.99	0.03	0.73	0.90	1.98	0.33
PITCHRH_COS		10400.61	-8190.07	-381.34	-49.89	-85.42	-475.20	83.16	-36.03	53.32	-30.31	-86.02	-70.03	30.71	17.16	15.04	519.79
PITCHRH_SIN		0.00	2244.40	-427.17	54.42	85.70	231.70	174.38	-15.09	52.98	-119.61	-91.55	-36.00	-27.29	41.47	19.17	262.12
ROLLRH_COS		1563.71	-2032.36	412.07	-55.35	-30.21	-754.83	-39.57	10.67	130.88	96.35	120.26	-31.07	28.36	28.76	22.25	-549.49
ROLLRH_SIN		0.00	-7944.75	-486.27	-73.44	189.72	-292.10	-68.18	-30.49	-93.89	8.96	30.26	-79.85	12.62	-16.82	18.63	665.83
TORQ_COS		35659.16	302.06	7.88	-7.67	-74.86	157.43	-1.39	-6.13	-14.21	0.12	24.23	7.23	-2.56	1.11	-6.23	-10.66
TORQ_SIN		0.00	629.69	-17.33	13.49	18.15	38.92	3.80	-0.23	15.01	-4.63	-48.71	6.21	-6.46	2.95	-4.02	-1.31
THRUST_COS		5727.05	-39.19	7.61	-1.13	14.80	10.61	-2.96	-2.83	2.65	-1.53	-19.51	5.17	-0.90	0.32	-7.56	4.86
THRUST_SIN		0.00	-76.53	5.70	4.34	18.21	-14.54	4.05	3.36	-1.74	0.72	-33.95	-1.67	0.84	-1.41	7.91	-16.95

RUN	POINT	Harmonics															
58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.88	51.08	-11.65	-1.13	-61.91	57.57	3.59	-1.89	-1.91	-4.49	-7.47	1.33	-1.02	-0.76	-0.84	15.29
SIDERH_SIN		0.00	185.61	10.30	0.64	-52.17	-54.19	7.45	0.58	2.17	-0.13	-1.53	4.26	-0.19	0.10	-1.07	-19.40
DRAGRH_COS		-223.24	214.34	8.29	0.95	-9.03	8.84	-20.18	4.06	-0.44	1.45	21.67	5.84	1.22	-1.31	-1.08	-25.09
DRAGRH_SIN		0.00	-67.95	13.99	0.45	23.64	39.57	-20.57	1.53	-0.72	8.04	10.88	0.24	1.19	-2.17	-0.02	-9.62

RUN	POINT	Harmonics															
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.59	0.20	0.08	-3.43	-2.20	-0.47	0.38	0.33	0.01	0.02	0.09	0.26	0.12	0.01	-0.04	0.09
ACT1FORCE_SIN		0.00	9.47	1.91	0.68	0.45	-0.87	-0.45	-0.37	0.03	0.10	0.06	0.01	-0.13	0.11	0.09	0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		324.63	-11.99	-5.52	28.63	19.69	8.61	-0.03	-0.02	-0.01	-0.01	0.01	0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-72.42	-15.82	-8.35	-1.94	9.90	-0.01	-0.01	0.01	-0.02	-0.01	0.00	-0.01	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		481.14	12.10	5.57	-28.64	-19.74	-8.71	0.01	0.02	0.01	0.01	0.00	-0.01	0.01	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	72.54	15.86	8.47	2.03	-9.87	-0.01	0.01	-0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.00
MRBLD1CB42P75_COS		-3777.68	-1370.91	33.37	194.40	-55.66	-67.40	-37.54	-57.25	32.53	65.70	-13.15	-55.13	-13.33	14.39	35.63	-2.02
MRBLD1CB42P75_SIN		0.00	178.93	-45.60	56.45	64.67	-27.89	13.61	102.45	-34.63	9.50	12.04	54.03	20.95	21.23	47.44	1.72

RUN	POINT	Harmonics															
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2830.78	-737.85	313.80	117.92	-5.82	-10.01	-87.12	-44.27	24.22	62.77	7.79	-23.94	-7.12	14.18	20.97	1.97
MRBLD1CB70_SIN		0.00	135.57	-77.35	80.92	171.36	-12.72	58.61	88.16	-11.83	5.91	-26.39	39.50	14.96	12.80	38.22	-4.87
MRBLD1CB120_COS		-528.94	-240.89	428.04	90.38	-2.42	71.36	-82.37	-11.01	-13.69	-21.21	23.38	23.88	6.27	0.61	-0.84	3.30
MRBLD1CB120_SIN		0.00	157.34	-141.51	17.46	199.23	-3.23	64.07	45.71	20.38	-14.12	-7.08	-28.73	-5.59	-2.41	0.99	-1.09
MRBLD1CB164_COS		-1959.12	-84.00	138.06	-9.97	-51.34	35.83	-27.73	16.75	-23.80	-39.39	6.79	19.17	9.51	0.80	-3.02	-6.03
MRBLD1CB164_SIN		0.00	93.71	-53.19	16.52	92.09	13.91	20.87	-15.93	10.48	-17.23	20.07	-22.72	-0.88	-5.16	-30.07	-1.95
MRBLD1FB42P75_COS		3035.49	103.70	-403.76	365.57	-229.34	-36.78	-20.69	-68.80	-60.78	-26.69	57.81	-19.52	26.27	67.60	140.11	8.29
MRBLD1FB42P75_SIN		0.00	-42.98	-23.05	154.84	177.40	21.86	-4.54	184.93	-42.31	-4.21	62.32	54.29	25.12	-1.73	-20.71	1.76
MRBLD1FB70_COS		416.29	-68.92	-202.38	89.13	-83.72	-10.75	-1.79	0.26	2.58	4.80	1.42	-0.11	-3.30	-9.88	-29.06	-2.92
MRBLD1FB70_SIN		0.00	-150.54	3.80	53.70	42.40	-2.97	1.75	41.72	-0.83	1.37	3.18	3.56	0.81	1.32	1.30	-2.57
MRBLD1FB87_COS		-72.45	-36.74	-167.81	17.78	-56.84	-14.54	-4.51	6.60	13.43	7.49	-9.15	6.95	-3.81	-14.28	-29.38	-2.29
MRBLD1FB87_SIN		0.00	-155.06	33.54	63.68	29.38	2.68	-3.02	-19.22	-0.43	-5.04	-17.99	-16.81	-6.93	0.68	7.23	3.86
MRBLD1FB120_COS		-459.10	-22.72	-246.86	-3.30	-7.64	-0.99	5.71	2.99	-8.62	-8.20	1.04	-1.99	6.01	18.29	43.91	3.44
MRBLD1FB120_SIN		0.00	-207.34	55.26	113.46	22.84	7.75	-1.49	-58.03	6.57	7.08	5.63	4.49	2.78	-4.73	-13.21	-7.90
MRBLD1FB164_COS		-104.37	17.96	-354.71	85.52	205.27	58.64	15.92	-14.65	5.09	13.31	-4.89	1.39	0.19	-6.85	-24.67	-2.06
MRBLD1FB164_SIN		0.00	-266.85	60.75	117.90	-24.99	-40.45	-18.25	63.27	-8.00	-3.17	-10.72	-9.06	-4.37	-3.19	5.11	8.59

RUN	POINT	Harmonics															
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.91	-0.09	-213.91	49.90	161.11	36.49	-15.57	-15.01	18.73	19.58	-14.41	15.74	4.84	15.99	53.72	0.86
MRBLD1FB180_SIN		0.00	-182.94	35.43	51.25	-25.03	-36.51	-5.85	66.88	-14.72	-15.74	-34.86	-29.47	-8.00	-8.41	-20.40	-13.01
MRBLD1TOR51_COS		-1385.33	51.53	-17.57	57.14	-32.26	-16.86	9.68	6.47	7.83	4.62	0.57	4.95	2.08	3.64	12.80	1.55
MRBLD1TOR51_SIN		0.00	-42.28	2.41	27.50	9.84	-3.29	2.60	52.85	-0.78	-5.85	-10.31	-4.07	-2.78	-1.83	5.15	-0.50
MRBLD1TOR71_COS		-244.28	59.83	-26.27	38.63	-19.11	-11.62	13.10	12.12	6.59	2.04	0.26	6.67	2.57	1.58	7.21	2.52
MRBLD1TOR71_SIN		0.00	-47.62	-0.81	11.05	-1.21	-2.66	4.81	44.60	4.26	-3.85	-10.52	-5.27	-2.50	-2.17	3.28	0.21
MRBLD1TOR130_COS		-5.03	56.55	-5.70	27.76	2.21	-9.21	10.66	7.66	4.35	0.83	-1.42	-6.27	-0.38	0.19	-4.94	-1.52
MRBLD1TOR130_SIN		0.00	-38.47	-1.32	0.18	0.25	1.53	6.38	38.78	3.14	-1.32	3.00	1.65	4.35	3.57	1.60	-0.28
MRBLD1TOR164_COS		-209.98	37.37	48.42	5.84	-22.05	-16.13	-0.85	6.52	4.33	3.19	1.50	-0.67	1.33	4.07	3.56	0.59
MRBLD1TOR164_SIN		0.00	-8.86	-5.00	-21.51	-4.56	4.25	7.78	15.68	-0.24	-2.31	-0.81	-0.09	2.87	5.04	6.86	-0.86
MRFBM1CB26P5_COS		-4467.70	-597.29	-30.50	77.30	0.07	-22.10	12.73	-5.36	-1.06	-2.90	-5.71	-3.94	-0.01	1.68	5.53	-0.23
MRFBM1CB26P5_SIN		0.00	17.68	4.86	-16.47	-27.66	-10.52	-13.26	5.88	-9.16	0.59	11.79	0.63	1.31	3.15	5.62	2.06
MRFBM1FB9_COS		349.33	-75.24	160.25	-67.18	37.64	4.71	2.68	9.54	-1.07	-1.36	0.17	2.55	0.95	-0.31	-0.84	-0.28
MRFBM1FB9_SIN		0.00	-28.87	34.76	-76.60	-15.75	-0.67	4.10	-5.56	2.57	-0.34	-1.81	-0.51	-1.28	-2.24	-3.87	-0.38
MRFBM1TOR26P5_COS		-341.37	89.70	-0.64	0.40	-0.33	0.25	0.01	0.08	0.17	0.13	0.08	0.16	0.00	-0.03	0.06	-0.05
MRFBM1TOR26P5_SIN		0.00	-89.05	-0.20	-0.06	-0.25	-0.18	0.21	0.17	0.20	0.00	-0.11	0.08	-0.04	-0.07	-0.18	0.05

RUN	POINT	Harmonics															
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1003.19	-1279.80	-49.19	217.55	-68.30	-60.85	-8.99	-46.67	11.41	30.22	-8.56	-38.80	-5.29	15.11	39.05	-1.08
MRPC1CB33P25_SIN		0.00	181.74	-15.29	15.22	18.33	-20.34	-8.16	74.75	-36.89	0.55	30.80	34.90	17.35	20.18	43.37	4.33
MRPC1FB33P25_COS		2179.32	59.11	-324.39	272.03	-228.50	-36.77	-17.29	-124.80	-27.53	-15.91	7.56	-47.75	-0.44	44.25	98.00	0.56
MRPC1FB33P25_SIN		0.00	87.49	-84.50	199.15	98.64	8.42	-12.35	113.03	-60.91	-19.29	74.27	27.50	35.88	51.77	110.55	8.51
MRPC1TOR25P5_COS		-787.66	-33.59	-6.41	-59.29	25.89	10.86	-18.75	-15.22	-11.17	-5.10	-1.40	-13.45	-3.59	-1.51	-11.39	-4.63
MRPC1TOR25P5_SIN		0.00	78.93	-56.50	-10.00	-6.49	4.92	-0.87	-56.31	-4.98	4.88	14.08	8.02	5.75	6.98	12.10	1.15
MRPLK1LOAD_COS		-73.33	6.34	1.11	-7.38	3.86	1.59	-2.17	-1.57	-1.37	-0.93	-0.05	-2.33	-0.23	-0.43	-2.70	-0.19
MRPLK1LOAD_SIN		0.00	-14.40	-2.42	-2.28	-0.89	1.23	-0.46	-7.33	-0.41	0.15	1.93	0.27	0.76	1.05	1.72	0.12
PITCHRH_COS		11289.92	-8193.49	-399.99	-60.87	-67.40	-389.97	79.41	-34.93	43.37	-19.50	-96.61	-54.46	41.56	4.95	17.05	484.43
PITCHRH_SIN		0.00	2244.97	-423.11	71.00	93.22	392.83	179.82	-30.50	60.41	-116.21	-89.96	-33.96	-34.66	35.89	5.81	304.49
ROLLRH_COS		1988.25	-2020.42	408.44	-68.17	-14.99	-1015.05	-78.38	15.57	114.18	108.64	127.91	-31.09	28.82	14.07	14.56	-566.94
ROLLRH_SIN		0.00	-7962.75	-493.81	-70.94	186.68	-327.79	-102.95	-26.15	-92.46	47.00	30.62	-63.70	12.43	-12.93	10.85	597.65
TORQ_COS		35047.65	299.96	8.26	-8.08	-62.47	163.72	-2.25	-6.01	-14.25	0.29	25.01	6.75	-2.13	0.90	-6.45	-13.23
TORQ_SIN		0.00	629.07	-21.59	11.63	27.96	37.12	7.15	-9.53	17.36	-4.22	-52.73	6.60	-6.17	3.17	-4.08	-3.90
THRUST_COS		5792.58	-37.68	7.37	-2.11	14.39	7.18	-2.00	-5.15	2.77	-2.45	-20.11	4.37	-0.87	0.59	-6.49	0.99
THRUST_SIN		0.00	-77.06	6.49	3.89	17.85	-12.79	4.93	-2.39	-2.16	0.49	-35.05	-2.14	1.32	-1.27	5.02	-15.14

RUN	POINT	Harmonics															
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.25	48.92	-11.45	-1.07	-62.40	76.84	3.72	-2.38	-0.96	-5.08	-7.89	1.64	-0.99	-0.24	-0.54	15.86
SIDERH_SIN		0.00	189.44	10.38	0.42	-49.60	-62.68	8.05	0.29	1.81	-1.75	-1.77	3.25	-0.05	0.03	-0.68	-17.68
DRAGRH_COS		-217.05	215.48	9.74	1.41	-6.71	-3.51	-19.19	3.28	-0.58	1.37	22.83	4.24	1.30	-0.60	-1.22	-23.52
DRAGRH_SIN		0.00	-67.54	14.20	-0.31	24.97	59.96	-19.63	3.07	-0.17	6.88	10.75	0.45	1.30	-2.26	0.54	-11.41

RUN	POINT	Harmonics															
58	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.83	0.15	-0.12	-3.38	-2.11	-0.39	0.34	0.33	0.03	0.06	0.16	0.24	0.11	-0.01	-0.04	0.07
ACT1FORCE_SIN		0.00	9.28	1.91	0.58	0.36	-0.94	-0.47	-0.35	0.02	0.10	0.04	0.04	-0.13	0.13	0.09	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		324.28	-11.86	-5.56	28.23	18.56	8.40	-0.03	-0.03	-0.01	0.00	0.01	0.00	0.00	0.00	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-71.73	-15.36	-7.12	-1.93	10.73	-0.01	-0.02	0.00	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		481.50	11.93	5.60	-28.25	-18.61	-8.47	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.02
FA1OBVOLTAGE_SIN		0.00	71.85	15.40	7.19	1.99	-10.72	0.00	0.01	-0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.00
MRBLD1CB42P75_COS		-3767.18	-1346.54	58.18	197.81	-35.41	-69.38	-36.79	-55.35	30.27	65.12	-9.11	-61.64	-14.98	15.33	42.69	-1.97
MRBLD1CB42P75_SIN		0.00	159.62	-47.43	56.94	74.99	-23.98	17.74	95.26	-31.63	10.30	9.88	59.09	22.71	22.86	45.95	8.47

RUN	POINT	Harmonics															
58	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2843.34	-722.47	325.28	124.19	26.27	-10.92	-83.32	-43.47	24.81	63.03	9.53	-29.05	-7.79	15.45	27.02	3.63
MRBLD1CB70_SIN		0.00	121.84	-78.26	80.88	184.28	-2.56	63.73	86.06	-9.98	4.89	-30.67	43.89	16.16	14.68	36.34	2.21
MRBLD1CB120_COS		-520.22	-236.15	426.36	95.10	27.37	68.89	-77.41	-14.41	-14.52	-22.52	20.29	26.96	7.05	0.26	-1.17	3.02
MRBLD1CB120_SIN		0.00	147.74	-140.92	18.60	204.39	7.00	68.23	47.81	24.25	-14.07	-3.86	-30.61	-6.09	-3.22	1.48	0.19
MRBLD1CB164_COS		-1954.18	-83.45	135.10	-8.21	-38.95	35.05	-24.69	14.40	-24.96	-40.57	3.90	22.60	9.14	-0.43	-7.05	-6.57
MRBLD1CB164_SIN		0.00	89.52	-52.39	16.92	93.83	19.60	22.08	-12.39	11.94	-15.90	24.16	-25.40	-1.41	-6.00	-28.84	-7.00
MRBLD1FB42P75_COS		3027.30	101.08	-383.87	376.64	-217.56	-40.75	-14.87	-73.12	-62.80	-28.87	63.66	-22.22	26.38	70.07	146.29	22.00
MRBLD1FB42P75_SIN		0.00	-38.75	-25.81	149.99	152.97	6.76	-2.41	171.32	-25.47	3.57	68.11	59.80	29.09	-3.42	-34.96	8.34
MRBLD1FB70_COS		414.18	-69.44	-195.30	91.85	-79.45	-12.63	-1.52	-1.18	2.18	4.95	1.41	0.02	-3.55	-10.19	-30.59	-5.83
MRBLD1FB70_SIN		0.00	-151.40	3.15	52.57	36.51	-6.32	2.12	38.50	0.62	1.41	2.81	3.15	0.09	1.09	3.85	-4.13
MRBLD1FB87_COS		-74.40	-37.78	-163.70	19.15	-55.36	-15.09	-5.23	6.76	13.84	8.32	-10.14	8.07	-3.47	-14.51	-30.09	-4.36
MRBLD1FB87_SIN		0.00	-155.46	33.74	63.77	28.09	3.36	-2.04	-17.04	-1.76	-5.94	-18.78	-18.25	-7.41	1.33	10.76	3.11
MRBLD1FB120_COS		-460.76	-22.66	-240.95	-1.56	-6.85	1.29	5.53	5.45	-7.91	-8.92	0.54	-3.01	5.95	18.86	45.14	6.47
MRBLD1FB120_SIN		0.00	-206.40	54.25	111.50	23.25	8.90	-2.81	-55.18	2.63	6.02	5.57	5.25	3.25	-5.50	-18.35	-6.91
MRBLD1FB164_COS		-111.12	16.86	-338.71	91.72	201.06	59.68	13.42	-17.97	3.71	13.57	-5.41	1.50	-0.47	-7.79	-26.07	-3.44
MRBLD1FB164_SIN		0.00	-263.85	57.61	117.31	-23.19	-40.12	-18.71	57.74	-1.19	-3.15	-12.81	-10.76	-4.80	-1.88	8.40	8.47

RUN	POINT	Harmonics															
58	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-169.58	-0.06	-201.82	53.51	158.67	36.51	-17.51	-17.59	18.75	20.38	-18.31	15.16	4.04	17.32	57.95	5.68
MRBLD1FB180_SIN		0.00	-181.52	33.41	51.44	-24.58	-37.45	-4.72	63.42	-11.01	-17.83	-37.76	-32.46	-6.37	-7.35	-26.54	-14.04
MRBLD1TOR51_COS		-1385.70	52.34	-12.89	58.32	-31.51	-17.13	10.51	4.03	7.43	5.60	0.69	4.89	1.40	3.59	14.83	2.85
MRBLD1TOR51_SIN		0.00	-43.23	2.27	28.49	8.72	-4.08	5.39	51.26	0.74	-6.20	-11.24	-4.25	-2.37	-1.20	4.64	0.38
MRBLD1TOR71_COS		-244.50	60.29	-22.85	39.20	-19.73	-11.93	13.69	9.84	6.68	3.10	0.23	7.01	2.17	1.34	8.49	3.53
MRBLD1TOR71_SIN		0.00	-48.24	-0.79	11.88	-2.12	-3.33	6.74	43.54	5.09	-4.34	-11.48	-5.75	-2.25	-1.75	3.27	0.51
MRBLD1TOR130_COS		-5.24	56.92	-3.05	28.24	1.15	-9.51	11.29	6.08	4.20	1.32	-1.07	-6.33	-0.40	0.20	-5.01	-1.79
MRBLD1TOR130_SIN		0.00	-38.76	-1.32	0.99	0.47	1.49	7.78	37.68	4.66	-1.03	3.44	1.57	4.52	3.63	2.42	-0.35
MRBLD1TOR164_COS		-209.37	37.64	47.30	5.26	-22.09	-16.85	-0.43	5.88	4.98	3.59	0.99	-0.70	1.28	4.07	3.65	-0.04
MRBLD1TOR164_SIN		0.00	-9.57	-4.79	-20.91	-4.46	3.85	8.83	15.75	-0.01	-2.15	-0.92	-0.25	3.14	4.98	7.01	-0.45
MRFBM1CB26P5_COS		-4462.35	-585.79	-19.21	76.36	-1.43	-22.81	12.35	-5.00	-1.72	-3.42	-5.32	-3.96	-0.07	1.71	6.12	-0.30
MRFBM1CB26P5_SIN		0.00	9.65	4.72	-16.11	-26.25	-11.21	-13.29	4.16	-8.63	1.02	12.88	0.62	1.37	3.09	5.80	2.54
MRFBM1FB9_COS		340.15	-77.71	144.86	-70.72	34.56	4.50	2.67	9.12	-0.54	-1.12	0.13	2.96	1.01	-0.45	-1.36	-0.08
MRFBM1FB9_SIN		0.00	-21.41	34.29	-76.90	-14.25	0.35	3.29	-4.95	2.12	-0.35	-1.96	-0.57	-1.36	-2.44	-4.04	-0.87
MRFBM1TOR26P5_COS		-341.43	89.78	-0.66	0.40	-0.34	0.25	-0.01	0.05	0.16	0.15	0.07	0.15	-0.01	-0.03	0.05	-0.04
MRFBM1TOR26P5_SIN		0.00	-88.84	-0.23	-0.05	-0.24	-0.17	0.26	0.16	0.19	0.00	-0.13	0.07	-0.05	-0.07	-0.20	0.05

RUN	POINT	Harmonics															
58	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-981.68	-1257.44	-23.84	219.66	-57.71	-62.37	-8.63	-45.67	8.45	28.85	-6.04	-43.02	-6.42	15.76	45.57	-0.87
MRPC1CB33P25_SIN		0.00	163.88	-19.01	16.08	22.17	-20.93	-5.00	67.27	-33.06	1.81	31.59	37.91	19.08	21.17	42.37	10.82
MRPC1FB33P25_COS		2170.25	56.36	-308.26	281.95	-212.26	-35.20	-13.19	-122.84	-36.18	-21.27	8.75	-53.23	-2.55	46.46	113.85	2.52
MRPC1FB33P25_SIN		0.00	90.50	-84.61	197.01	81.36	-4.50	-8.51	100.24	-49.03	-14.60	81.71	29.47	38.62	52.99	108.09	25.10
MRPC1TOR25P5_COS		-788.34	-33.58	-10.95	-59.45	27.59	11.47	-19.18	-12.19	-10.92	-6.42	-1.16	-13.64	-2.62	-1.38	-11.66	-6.09
MRPC1TOR25P5_SIN		0.00	79.81	-56.34	-12.25	-5.40	6.37	-3.61	-54.82	-5.85	5.94	15.59	8.94	5.61	6.45	13.59	2.43
MRPLK1LOAD_COS		-73.51	6.42	0.58	-7.50	3.93	1.66	-2.26	-1.13	-1.30	-1.08	-0.04	-2.29	-0.06	-0.46	-2.80	-0.45
MRPLK1LOAD_SIN		0.00	-14.33	-2.33	-2.45	-0.69	1.36	-0.86	-7.10	-0.54	0.27	2.19	0.33	0.78	0.98	2.09	0.21
PITCHRH_COS		11300.29	-8198.86	-400.44	-47.93	-88.25	-411.98	48.04	-44.18	30.94	-6.18	-142.94	-51.00	20.48	14.53	14.05	572.32
PITCHRH_SIN		0.00	2257.60	-423.96	68.54	84.04	296.04	168.17	8.06	101.55	-112.76	-68.07	-7.85	-33.10	24.33	23.81	281.66
ROLLRH_COS		1871.12	-2014.27	419.13	-65.82	-29.21	-864.67	-65.68	12.65	114.16	107.91	107.30	-43.18	23.48	-2.49	4.18	-526.19
ROLLRH_SIN		0.00	-7943.35	-498.46	-69.35	182.29	-311.87	-108.78	-17.47	-107.92	52.18	20.20	-56.74	10.30	-22.46	17.43	737.86
TORQ_COS		35157.85	311.22	9.88	-8.99	-80.75	168.16	-3.43	-3.33	-9.06	1.31	23.57	6.68	-0.43	0.01	-5.76	-11.30
TORQ_SIN		0.00	637.58	-19.70	13.59	9.75	27.72	7.02	-1.82	17.79	-4.10	-55.47	6.41	-7.13	4.37	-4.59	-5.06
THRUST_COS		5767.72	-37.06	7.08	-1.50	17.52	8.19	-1.97	-1.96	3.01	-3.28	-18.02	4.27	0.54	0.63	-7.37	-1.00
THRUST_SIN		0.00	-75.78	6.91	4.91	20.38	-8.58	4.10	0.51	-2.20	0.97	-36.98	-3.05	0.55	-0.66	4.99	-24.82

RUN	POINT	Harmonics															
58	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.64	46.57	-11.59	-1.29	-61.66	67.29	4.53	-1.98	-0.61	-5.28	-7.18	2.29	-0.82	0.29	-0.17	14.71
SIDERH_SIN		0.00	185.33	10.51	0.03	-52.62	-61.56	7.93	0.32	2.20	-1.78	-1.15	3.10	-0.06	0.30	-0.90	-21.74
DRAGRH_COS		-215.50	215.13	9.74	1.05	-7.69	9.37	-19.46	2.26	-1.15	-0.06	25.17	3.81	0.85	-0.42	-0.94	-27.10
DRAGRH_SIN		0.00	-67.27	14.16	0.12	23.97	51.19	-18.19	0.74	-1.21	5.69	9.32	-0.91	1.48	-2.11	-0.39	-10.91

RUN	POINT	Harmonics															
58	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.66	0.22	0.11	-3.34	-2.26	-0.28	0.28	0.36	-0.01	-0.01	0.16	0.25	0.18	-0.01	-0.01	0.10
ACT1FORCE_SIN		0.00	9.27	1.93	0.50	0.35	-0.89	-0.43	-0.31	0.00	0.06	-0.03	-0.01	-0.11	0.10	0.11	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		321.85	-11.87	-5.59	28.00	19.82	7.68	-0.03	-0.03	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-70.67	-16.58	-7.15	-0.39	9.31	0.00	-0.02	0.01	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.93	11.99	5.64	-28.01	-19.88	-7.77	0.02	0.02	0.02	0.00	0.00	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	70.79	16.63	7.26	0.48	-9.30	0.00	0.01	-0.01	0.02	0.00	0.00	0.01	0.01	0.01	0.00
MRBLD1CB42P75_COS		-3733.63	-1397.68	26.24	195.43	-56.30	-68.52	-32.98	-62.57	32.79	59.62	-26.79	-45.06	-9.08	17.07	37.16	-6.48
MRBLD1CB42P75_SIN		0.00	60.24	-63.62	78.11	58.30	-23.52	16.61	79.59	-37.13	5.08	5.95	38.94	17.06	14.55	36.28	-1.09

RUN	POINT	Harmonics															
58	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2852.84	-759.44	308.83	110.88	-1.64	-6.49	-80.09	-49.23	25.91	57.07	-3.14	-18.76	-5.31	14.36	19.66	-3.57
MRBLD1CB70_SIN		0.00	62.36	-88.09	101.54	165.86	-7.43	57.15	72.72	-15.31	0.16	-33.28	27.74	12.65	7.57	29.54	-6.76
MRBLD1CB120_COS		-534.84	-255.81	423.23	78.76	-1.98	73.53	-77.09	-15.98	-13.67	-18.46	29.77	18.61	3.79	-0.68	-0.23	4.00
MRBLD1CB120_SIN		0.00	126.66	-142.04	38.37	194.47	1.42	59.39	44.40	22.73	-11.14	-0.96	-19.10	-4.18	-1.83	1.27	-1.11
MRBLD1CB164_COS		-1959.03	-86.92	137.74	-13.11	-49.28	39.31	-26.35	14.84	-25.71	-36.10	12.93	13.29	7.08	0.22	-3.72	-3.94
MRBLD1CB164_SIN		0.00	84.86	-52.58	25.14	88.75	14.74	17.59	-9.91	12.24	-12.58	27.57	-14.50	-0.13	-1.96	-24.20	0.67
MRBLD1FB42P75_COS		3007.08	116.73	-411.39	392.62	-246.45	-37.36	-19.56	-101.58	-66.91	-26.38	57.14	-18.75	21.88	58.62	125.26	0.73
MRBLD1FB42P75_SIN		0.00	-17.46	-27.88	198.06	164.93	16.54	-5.57	156.70	-34.84	-0.70	74.11	49.68	20.78	-13.00	-37.89	1.80
MRBLD1FB70_COS		414.70	-69.10	-204.63	97.76	-88.81	-11.93	-1.78	-4.70	3.28	5.34	1.14	0.10	-2.19	-7.63	-26.29	-1.46
MRBLD1FB70_SIN		0.00	-153.56	-0.29	69.52	39.01	-3.14	0.95	36.00	0.06	1.49	2.97	2.81	0.68	2.99	5.47	-2.15
MRBLD1FB87_COS		-70.10	-36.64	-169.59	22.08	-58.24	-13.23	-4.38	9.77	14.50	7.47	-8.49	6.62	-3.56	-12.41	-25.44	-0.45
MRBLD1FB87_SIN		0.00	-156.42	30.77	72.27	28.31	4.42	-2.04	-16.33	-1.27	-5.53	-19.68	-13.68	-5.20	2.83	10.89	4.39
MRBLD1FB120_COS		-450.35	-19.06	-248.40	2.18	-7.13	1.96	4.49	8.98	-10.78	-8.84	1.07	-1.92	4.66	14.90	38.45	0.41
MRBLD1FB120_SIN		0.00	-205.67	48.90	117.22	20.62	5.92	-1.14	-50.71	4.75	6.74	5.59	2.58	2.06	-6.67	-18.29	-8.71
MRBLD1FB164_COS		-105.84	18.04	-362.48	96.74	206.50	53.27	14.80	-19.96	7.31	13.51	-5.68	0.30	0.18	-5.75	-21.97	0.37
MRBLD1FB164_SIN		0.00	-256.64	51.13	124.06	-16.73	-42.05	-18.41	51.98	-3.10	-3.41	-11.73	-7.17	-4.39	-2.07	7.99	9.17

RUN	POINT	Harmonics															
58	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.67	-0.43	-219.32	55.63	162.01	31.78	-14.99	-19.74	21.68	18.83	-13.65	12.75	2.09	12.43	48.48	-1.70
MRBLD1FB180_SIN		0.00	-175.74	29.81	53.90	-18.97	-35.14	-4.90	56.29	-12.61	-15.94	-37.28	-21.80	-3.97	-8.76	-27.31	-14.85
MRBLD1TOR51_COS		-1387.95	50.28	-18.80	56.75	-32.77	-15.89	12.18	0.20	6.54	4.55	1.00	3.78	0.98	2.81	13.09	1.85
MRBLD1TOR51_SIN		0.00	-43.71	1.66	34.63	7.52	-3.70	5.92	47.83	-0.98	-6.40	-10.60	-2.56	-2.35	-2.26	2.98	-1.38
MRBLD1TOR71_COS		-245.50	58.89	-26.85	37.89	-19.38	-10.91	15.16	7.23	5.89	2.46	1.43	5.68	1.58	0.73	7.50	3.04
MRBLD1TOR71_SIN		0.00	-47.48	-0.83	15.80	-2.72	-3.17	7.55	41.71	4.18	-4.00	-10.92	-3.67	-1.75	-2.17	2.05	-0.56
MRBLD1TOR130_COS		-5.65	55.59	-5.98	27.49	2.19	-9.37	12.48	3.98	4.22	1.55	-1.40	-5.33	-0.12	0.47	-4.96	-2.06
MRBLD1TOR130_SIN		0.00	-38.23	-1.62	2.54	0.59	0.59	7.90	35.64	3.47	-0.72	3.14	1.25	4.44	3.69	2.51	0.36
MRBLD1TOR164_COS		-209.65	36.59	49.17	4.32	-22.18	-16.16	-0.02	4.55	4.87	3.67	1.50	-1.00	0.56	3.70	3.41	-0.17
MRBLD1TOR164_SIN		0.00	-10.12	-3.90	-22.00	-5.13	4.45	8.33	14.36	-0.72	-1.68	-0.39	0.16	3.10	4.29	6.30	-0.57
MRFBM1CB26P5_COS		-4437.02	-608.67	-33.46	79.24	-1.44	-23.97	12.27	-5.69	-1.36	-3.03	-6.01	-3.44	0.18	1.98	6.60	0.43
MRFBM1CB26P5_SIN		0.00	-36.94	-1.40	-13.93	-28.13	-10.14	-12.01	3.15	-8.77	1.07	12.71	0.84	0.98	2.52	4.59	1.71
MRFBM1FB9_COS		311.40	-40.81	163.85	-70.22	38.60	4.33	2.35	9.81	-0.80	-1.25	0.74	2.32	0.70	-0.72	-1.28	-0.20
MRFBM1FB9_SIN		0.00	-3.22	40.66	-89.30	-13.79	-0.77	3.88	-3.17	2.67	0.00	-1.68	-0.44	-1.12	-1.95	-3.31	-0.02
MRFBM1TOR26P5_COS		-341.44	89.92	-0.65	0.38	-0.31	0.27	0.05	0.04	0.16	0.11	0.06	0.13	0.00	-0.03	0.05	-0.03
MRFBM1TOR26P5_SIN		0.00	-88.51	-0.16	0.00	-0.29	-0.16	0.27	0.15	0.19	-0.04	-0.13	0.07	-0.05	-0.05	-0.16	0.05

RUN	POINT	Harmonics															
58	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-952.38	-1305.08	-57.87	223.78	-72.15	-63.10	-7.09	-52.73	10.00	26.95	-17.05	-32.83	-3.14	17.00	41.27	-4.04
MRPC1CB33P25_SIN		0.00	75.36	-31.98	33.19	12.40	-18.31	-4.99	55.45	-37.19	-0.97	30.11	25.88	13.95	13.70	33.14	1.56
MRPC1FB33P25_COS		2151.35	69.44	-331.44	286.99	-239.11	-35.67	-15.97	-138.95	-35.19	-17.05	-0.32	-43.81	-0.06	46.91	104.46	-3.83
MRPC1FB33P25_SIN		0.00	110.87	-89.72	239.03	84.51	4.24	-12.61	77.82	-58.21	-16.45	82.57	23.95	30.04	37.81	87.81	2.09
MRPC1TOR25P5_COS		-786.79	-30.61	-7.40	-58.94	26.89	9.87	-20.93	-9.18	-10.23	-5.03	-3.26	-10.40	-2.19	-0.38	-10.57	-5.80
MRPC1TOR25P5_SIN		0.00	80.41	-55.42	-16.29	-5.69	5.90	-4.40	-52.73	-4.71	6.14	14.56	5.37	5.46	6.14	12.63	1.89
MRPLK1LOAD_COS		-73.16	6.48	1.23	-7.41	4.06	1.47	-2.52	-0.64	-1.20	-0.84	-0.23	-1.89	-0.09	-0.32	-2.54	-0.42
MRPLK1LOAD_SIN		0.00	-14.28	-2.38	-3.24	-0.70	1.33	-0.96	-6.74	-0.38	0.39	2.08	0.00	0.81	0.94	1.86	0.16
PITCHRH_COS		10706.50	-8213.65	-388.72	-44.88	-78.69	-492.67	111.80	-50.09	39.77	-20.33	-84.03	-81.13	24.94	-2.87	18.70	527.45
PITCHRH_SIN		0.00	2239.59	-430.88	60.60	94.05	350.19	164.80	-9.86	64.41	-134.92	-96.28	-6.72	-41.85	28.40	6.72	217.68
ROLLRH_COS		1504.83	-2047.57	425.25	-54.49	-13.30	-914.42	-22.71	19.59	126.00	91.62	108.54	-51.28	28.09	13.44	14.02	-517.55
ROLLRH_SIN		0.00	-7933.74	-482.25	-72.50	178.56	-456.46	-72.11	-30.97	-93.54	26.76	4.81	-75.53	6.20	-11.19	2.73	681.23
TORQ_COS		35762.43	304.21	6.50	-7.25	-70.81	173.46	-3.33	-4.86	-11.78	0.95	25.29	5.23	-2.63	1.15	-7.32	-10.30
TORQ_SIN		0.00	642.14	-19.92	15.04	36.70	29.54	4.88	2.00	16.54	-5.43	-52.94	4.71	-6.57	3.67	-2.47	1.14
THRUST_COS		5683.78	-38.95	7.36	-0.50	17.76	5.89	-3.14	-1.59	3.24	-0.72	-14.91	5.45	-0.30	0.95	-4.51	3.03
THRUST_SIN		0.00	-75.47	5.98	4.74	16.33	-12.85	4.40	3.99	-2.03	2.14	-37.37	-3.29	0.81	-0.83	8.34	-15.19

RUN	POINT	Harmonics															
58	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.61	53.90	-12.04	-2.02	-67.95	74.81	3.09	-2.09	-1.54	-4.28	-7.04	2.55	-1.06	-0.20	-0.55	14.43
SIDERH_SIN		0.00	181.95	10.35	0.30	-45.14	-53.22	7.14	0.51	2.08	-1.02	-0.20	4.25	0.09	-0.11	-0.47	-19.83
DRAGRH_COS		-219.66	214.59	8.48	0.30	-7.89	-5.60	-21.93	3.16	-0.39	1.67	20.61	6.10	2.05	-0.17	-1.00	-24.43
DRAGRH_SIN		0.00	-68.24	13.97	-0.23	25.78	53.09	-20.63	1.05	-0.74	7.78	10.33	-2.15	1.36	-2.15	0.63	-6.75

RUN	POINT	Harmonics															
58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.90	0.14	0.02	-3.33	-2.10	-0.29	0.32	0.38	-0.02	0.00	0.12	0.24	0.15	-0.05	-0.02	0.07
ACT1FORCE_SIN		0.00	9.18	1.92	0.51	0.37	-0.89	-0.45	-0.27	0.00	0.08	-0.02	0.02	-0.13	0.09	0.09	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		322.54	-10.78	-4.55	27.86	18.54	7.74	-0.03	-0.03	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-69.81	-16.71	-6.97	-0.31	9.27	0.00	-0.01	0.01	-0.02	0.00	0.00	-0.01	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		483.23	10.86	4.59	-27.88	-18.60	-7.81	0.01	0.02	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	69.94	16.75	7.04	0.36	-9.27	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
MRBLD1CB42P75_COS		-3733.26	-1366.16	29.21	186.44	-55.86	-70.11	-36.74	-78.62	35.47	63.17	-17.07	-49.01	-6.63	19.26	38.91	-2.58
MRBLD1CB42P75_SIN		0.00	63.01	-55.77	70.84	63.48	-24.34	17.55	82.74	-41.16	6.11	9.00	45.39	14.93	15.58	40.66	-1.23

RUN	POINT	Harmonics															
58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2852.69	-738.97	307.22	105.22	-5.29	-17.81	-78.40	-60.87	27.33	59.00	2.63	-21.32	-4.70	14.58	19.64	-1.58
MRBLD1CB70_SIN		0.00	64.52	-82.96	94.01	175.62	-9.86	61.74	77.22	-18.31	1.53	-29.73	34.32	10.12	8.01	32.67	-8.00
MRBLD1CB120_COS		-533.35	-246.72	415.93	75.73	-1.20	58.25	-72.76	-24.17	-13.47	-18.41	26.64	22.20	4.50	-0.07	-0.88	3.48
MRBLD1CB120_SIN		0.00	130.36	-140.40	32.23	204.19	-1.69	67.68	47.44	19.50	-11.95	-2.53	-22.95	-3.34	-1.92	1.81	-0.84
MRBLD1CB164_COS		-1957.78	-85.45	134.02	-15.02	-48.12	32.46	-22.00	16.62	-26.10	-35.94	10.82	17.69	8.24	0.88	-2.28	-3.74
MRBLD1CB164_SIN		0.00	85.85	-52.21	22.38	92.68	13.51	21.95	-9.57	11.43	-14.29	24.27	-18.95	1.50	-1.89	-25.84	1.31
MRBLD1FB42P75_COS		3006.48	108.21	-406.29	369.30	-212.06	-32.93	-31.04	-137.26	-68.08	-22.89	61.69	-20.88	24.16	64.19	135.27	4.43
MRBLD1FB42P75_SIN		0.00	-15.34	-21.67	194.38	160.15	20.04	4.04	180.15	-46.03	-5.14	68.35	50.36	17.66	-13.73	-32.48	-2.19
MRBLD1FB70_COS		415.53	-69.42	-202.24	89.05	-78.89	-11.44	-4.36	-11.29	2.71	5.48	1.37	0.46	-2.04	-8.28	-28.37	-2.21
MRBLD1FB70_SIN		0.00	-152.17	3.46	67.82	38.14	-2.28	3.02	40.24	-1.79	0.95	2.67	2.65	0.80	2.94	4.02	-1.57
MRBLD1FB87_COS		-69.51	-37.31	-167.25	17.36	-53.54	-12.45	-3.29	13.67	15.29	7.29	-9.53	7.42	-3.57	-13.11	-27.35	-1.28
MRBLD1FB87_SIN		0.00	-155.61	33.79	71.75	27.70	4.25	-2.49	-18.76	-0.18	-5.06	-18.91	-14.89	-4.90	2.89	9.91	5.16
MRBLD1FB120_COS		-451.37	-21.02	-242.92	-2.99	-8.17	0.60	6.94	17.05	-10.33	-9.58	0.57	-3.21	3.59	15.46	41.07	1.39
MRBLD1FB120_SIN		0.00	-207.53	51.93	117.27	19.98	6.51	-3.43	-56.84	7.20	7.48	6.17	4.09	2.14	-6.78	-16.69	-10.04
MRBLD1FB164_COS		-109.26	17.47	-350.51	90.19	196.45	51.49	12.50	-33.99	6.60	14.96	-5.57	1.29	0.17	-6.40	-23.66	-1.20
MRBLD1FB164_SIN		0.00	-261.57	55.90	124.70	-18.48	-42.90	-16.50	61.22	-6.96	-4.07	-12.28	-8.95	-3.52	-1.10	7.42	10.45

RUN	POINT	Harmonics															
58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-170.17	-0.22	-211.49	52.77	155.15	30.52	-18.52	-31.68	22.50	20.51	-15.47	13.87	1.06	12.84	53.59	1.45
MRBLD1FB180_SIN		0.00	-179.05	32.44	54.35	-19.06	-36.79	-3.29	64.06	-15.89	-17.66	-36.24	-24.67	-3.86	-8.37	-25.26	-17.54
MRBLD1TOR51_COS		-1387.79	50.71	-18.33	54.14	-30.99	-16.06	9.43	-6.47	6.87	5.01	0.69	3.82	0.46	2.80	14.09	3.09
MRBLD1TOR51_SIN		0.00	-44.46	2.67	32.95	7.64	-2.60	5.63	53.84	-2.34	-7.03	-10.82	-3.08	-2.82	-2.47	3.71	-0.74
MRBLD1TOR71_COS		-245.17	58.86	-26.63	36.37	-18.67	-10.94	13.03	2.77	5.85	2.39	0.46	5.76	1.04	0.48	8.03	3.70
MRBLD1TOR71_SIN		0.00	-47.98	-0.35	14.63	-2.91	-2.29	6.98	46.85	3.30	-4.68	-11.27	-4.43	-2.10	-2.47	2.82	0.07
MRBLD1TOR130_COS		-5.29	55.93	-5.65	27.30	1.42	-9.14	11.11	-0.12	4.30	1.59	-1.01	-5.22	0.41	0.60	-5.11	-2.11
MRBLD1TOR130_SIN		0.00	-38.66	-1.42	2.03	0.06	1.21	7.62	39.71	2.46	-1.45	2.71	0.81	4.42	3.72	2.70	-0.07
MRBLD1TOR164_COS		-209.14	37.09	48.05	5.16	-21.15	-15.84	-0.87	3.88	4.81	3.25	1.05	-0.93	0.89	3.87	2.79	-0.18
MRBLD1TOR164_SIN		0.00	-9.61	-4.63	-21.85	-4.69	5.03	8.42	16.32	-0.68	-2.12	-0.57	-0.16	2.93	4.42	6.97	-1.20
MRFBM1CB26P5_COS		-4436.73	-592.40	-31.84	77.29	-1.72	-21.49	10.71	-7.28	-1.19	-2.74	-5.39	-3.84	0.38	2.27	6.65	0.71
MRFBM1CB26P5_SIN		0.00	-33.77	0.95	-14.83	-29.76	-9.87	-12.74	3.13	-9.26	1.21	12.33	0.27	1.08	2.73	5.15	1.98
MRFBM1FB9_COS		309.56	-52.19	161.18	-64.58	34.96	4.62	3.66	12.13	-1.11	-1.41	0.41	2.51	0.59	-0.75	-1.11	-0.36
MRFBM1FB9_SIN		0.00	-1.16	36.48	-85.82	-14.63	-0.87	3.77	-2.66	3.22	0.02	-1.77	-0.40	-1.08	-2.11	-3.56	-0.11
MRFBM1TOR26P5_COS		-341.48	89.84	-0.66	0.38	-0.35	0.25	0.00	0.02	0.17	0.13	0.07	0.13	-0.01	-0.03	0.06	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.47	-0.16	-0.01	-0.27	-0.16	0.25	0.19	0.20	-0.03	-0.12	0.09	-0.05	-0.06	-0.20	0.05

RUN	POINT	Harmonics															
58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-945.71	-1277.50	-53.56	214.90	-67.96	-61.18	-11.98	-67.68	12.35	29.61	-10.27	-35.34	-0.88	19.12	42.62	-0.66
MRPC1CB33P25_SIN		0.00	76.73	-24.77	27.88	13.80	-17.85	-4.37	57.97	-41.60	-0.81	30.87	29.13	12.66	14.75	37.54	1.56
MRPC1FB33P25_COS		2150.96	62.07	-328.06	268.74	-209.88	-33.03	-27.82	-175.74	-31.08	-12.37	6.89	-45.92	4.35	51.08	105.63	1.87
MRPC1FB33P25_SIN		0.00	112.94	-84.47	231.56	88.25	8.33	-8.61	82.12	-67.44	-17.84	81.07	23.21	29.03	41.79	99.76	3.08
MRPC1TOR25P5_COS		-786.38	-31.56	-7.65	-56.13	26.20	9.70	-18.09	-3.44	-10.27	-5.50	-2.08	-10.94	-1.10	-0.07	-11.89	-6.90
MRPC1TOR25P5_SIN		0.00	81.67	-56.92	-15.19	-4.61	4.76	-3.93	-58.91	-3.72	6.69	14.78	6.13	5.56	6.52	14.03	1.27
MRPLK1LOAD_COS		-73.15	6.50	1.13	-7.05	3.85	1.49	-2.14	0.26	-1.25	-0.99	-0.13	-1.96	0.10	-0.31	-2.82	-0.54
MRPLK1LOAD_SIN		0.00	-14.08	-2.47	-3.08	-0.58	1.20	-0.89	-7.60	-0.22	0.40	2.06	-0.01	0.82	0.95	2.15	0.12
PITCHRH_COS		10878.88	-8193.35	-390.64	-42.63	-68.28	-433.01	69.98	-53.40	43.02	-16.35	-66.03	-52.99	28.76	30.78	13.54	558.87
PITCHRH_SIN		0.00	2224.12	-440.14	56.69	100.05	274.27	190.81	-12.24	37.46	-126.18	-69.29	-20.93	-41.58	31.37	6.25	257.07
ROLLRH_COS		1463.34	-2037.75	416.42	-64.28	-22.52	-867.78	-89.46	25.53	135.98	104.61	111.53	-40.63	36.50	24.17	-2.20	-578.85
ROLLRH_SIN		0.00	-7951.67	-481.51	-72.15	188.25	-250.45	-56.09	-23.65	-92.68	39.46	30.69	-73.40	12.91	-21.03	-21.91	704.42
TORQ_COS		35787.66	298.17	10.79	-7.59	-56.59	164.33	-0.79	-6.64	-12.51	0.03	22.72	6.11	-0.20	-0.18	-8.11	-10.58
TORQ_SIN		0.00	633.40	-14.18	16.29	36.47	32.52	6.07	0.82	15.98	-5.61	-52.11	7.12	-5.92	4.26	-2.44	2.71
THRUST_COS		5679.45	-37.49	7.49	-0.41	16.26	5.82	-1.99	-2.96	2.69	-1.84	-21.10	4.81	-0.02	-0.90	-3.40	4.49
THRUST_SIN		0.00	-76.50	5.62	5.16	15.91	-12.89	3.12	3.65	-1.53	1.03	-37.15	-2.16	0.57	-0.56	8.28	-15.67

RUN	POINT	Harmonics															
58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.27	52.57	-11.67	-1.50	-64.96	62.83	5.55	-2.33	-2.04	-4.87	-7.20	1.89	-1.27	-0.61	-0.12	16.17
SIDERH_SIN		0.00	187.67	10.15	0.06	-46.40	-61.64	6.89	0.24	1.98	-1.59	-1.29	3.92	-0.19	0.26	0.31	-20.56
DRAGRH_COS		-217.61	214.95	8.97	0.91	-6.73	12.75	-19.01	3.61	-0.65	1.67	20.42	4.52	1.24	-1.03	-0.70	-25.65
DRAGRH_SIN		0.00	-67.94	14.04	-0.02	23.99	53.75	-23.17	1.85	-0.49	7.45	9.65	-0.22	1.64	-2.17	0.54	-8.60

RUN	POINT	Harmonics															
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.61	0.11	0.03	-3.44	-2.11	-0.45	0.35	0.21	-0.02	-0.01	0.11	0.26	0.12	0.04	-0.06	0.14
ACT1FORCE_SIN		0.00	9.54	1.93	0.80	0.31	-0.77	-0.33	-0.28	0.03	0.00	0.06	-0.01	-0.11	0.07	-0.01	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.88	-11.70	-5.90	29.04	19.34	7.42	-0.03	-0.02	-0.01	-0.01	0.00	-0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-74.34	-15.60	-8.16	-1.12	8.57	0.00	-0.02	-0.01	-0.02	-0.01	-0.01	0.00	-0.01	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.83	11.80	5.96	-29.06	-19.39	-7.49	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	74.47	15.64	8.26	1.20	-8.56	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00
MRBLD1CB42P75_COS		-3814.85	-1566.68	29.14	193.67	-27.41	-66.60	-32.30	-47.48	32.81	64.80	-6.35	-67.34	-19.95	9.27	39.35	-21.43
MRBLD1CB42P75_SIN		0.00	-25.69	-63.52	60.21	63.82	-18.57	18.46	96.09	-28.99	12.82	13.04	40.44	13.09	21.57	61.95	10.42

RUN	POINT	Harmonics															
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2829.55	-857.64	316.66	119.52	33.75	-16.77	-69.96	-33.74	26.54	63.83	16.64	-33.78	-11.53	10.76	22.01	-15.85
MRBLD1CB70_SIN		0.00	-5.46	-91.66	79.66	174.00	-4.15	56.91	84.31	-8.79	6.47	-24.29	32.23	10.72	14.08	47.76	8.54
MRBLD1CB120_COS		-513.56	-280.63	428.80	92.18	36.92	57.98	-57.53	-4.81	-14.98	-17.00	19.55	29.96	7.28	0.63	-2.46	-0.45
MRBLD1CB120_SIN		0.00	83.82	-149.60	16.50	189.52	2.07	56.81	46.99	21.32	-16.02	-8.38	-23.67	-3.98	-4.36	-0.53	-2.02
MRBLD1CB164_COS		-1957.38	-93.30	136.80	-9.13	-33.26	31.09	-17.72	15.50	-24.69	-36.35	0.95	26.21	11.64	2.28	-2.38	7.99
MRBLD1CB164_SIN		0.00	73.49	-53.16	21.78	86.87	15.85	17.59	-13.65	9.69	-18.00	15.85	-19.94	-0.38	-5.78	-34.68	-7.80
MRBLD1FB42P75_COS		3042.89	161.65	-410.31	371.22	-202.40	-27.06	-6.09	-45.10	-54.00	-20.05	48.37	-34.13	10.00	60.37	167.25	-8.13
MRBLD1FB42P75_SIN		0.00	-4.44	-21.77	184.14	103.12	29.46	9.78	180.51	-29.57	-5.46	63.57	45.18	24.91	1.84	-14.16	44.18
MRBLD1FB70_COS		412.12	-71.09	-204.72	90.31	-74.49	-9.30	1.03	4.03	3.80	5.46	1.33	0.30	-1.57	-8.33	-34.54	0.40
MRBLD1FB70_SIN		0.00	-153.07	2.89	65.52	21.79	-0.32	2.91	38.27	-0.31	1.08	2.58	2.96	-0.16	0.57	-0.12	-11.42
MRBLD1FB87_COS		-78.08	-39.49	-168.08	18.96	-52.55	-13.84	-5.77	3.57	12.15	6.71	-7.09	10.76	-0.71	-13.07	-34.89	1.96
MRBLD1FB87_SIN		0.00	-152.36	34.37	71.96	20.91	4.72	-2.54	-18.66	-1.52	-4.48	-18.04	-14.21	-6.20	-0.50	5.85	-3.97
MRBLD1FB120_COS		-465.38	-30.20	-245.44	-0.28	-8.14	1.76	2.90	-0.30	-8.82	-9.74	0.48	-3.42	3.96	16.81	51.75	-2.15
MRBLD1FB120_SIN		0.00	-196.59	57.70	122.88	25.08	7.36	-1.55	-54.21	2.38	5.11	6.05	4.17	3.88	-2.86	-10.95	4.05
MRBLD1FB164_COS		-110.33	11.26	-351.39	90.77	185.66	51.00	19.25	-5.59	5.52	14.53	-4.33	2.30	1.08	-5.50	-27.45	2.31
MRBLD1FB164_SIN		0.00	-246.04	53.27	116.29	-2.36	-44.08	-22.12	59.66	-1.54	-1.93	-13.52	-9.70	-4.37	-3.20	3.05	1.26

RUN	POINT	Harmonics															
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.83	-3.06	-209.52	55.36	150.50	30.84	-11.01	-7.45	17.66	18.46	-10.96	20.85	6.41	16.10	64.20	-6.37
MRBLD1FB180_SIN		0.00	-168.59	30.11	44.80	-11.60	-38.16	-9.56	59.65	-11.23	-14.67	-35.63	-24.68	-3.49	-5.48	-16.96	2.48
MRBLD1TOR51_COS		-1382.50	47.65	-18.14	55.97	-30.27	-13.38	11.32	9.46	7.43	5.73	2.47	5.11	1.04	2.89	14.99	-2.43
MRBLD1TOR51_SIN		0.00	-44.96	1.45	32.59	3.26	-6.06	5.38	51.93	-2.03	-7.08	-10.31	-1.87	-1.25	-1.14	7.32	-0.67
MRBLD1TOR71_COS		-240.73	58.33	-26.82	36.99	-19.71	-8.76	14.07	14.05	6.39	3.00	1.91	7.63	2.48	1.36	7.68	0.16
MRBLD1TOR71_SIN		0.00	-47.66	-1.42	14.91	-5.21	-6.02	6.26	43.57	2.50	-4.89	-10.46	-2.84	-0.54	-1.61	4.61	-0.18
MRBLD1TOR130_COS		-1.90	54.36	-5.53	27.00	-0.60	-7.65	11.64	9.65	4.29	1.86	-1.05	-5.34	0.08	0.78	-6.62	-0.51
MRBLD1TOR130_SIN		0.00	-38.09	-2.22	2.20	0.84	-2.00	6.94	38.24	3.04	-0.92	2.95	0.84	4.01	3.19	1.95	1.01
MRBLD1TOR164_COS		-207.36	36.21	48.24	4.91	-20.15	-14.97	-1.02	7.31	5.48	4.12	1.72	-0.29	1.05	4.13	2.72	-0.38
MRBLD1TOR164_SIN		0.00	-10.83	-4.71	-20.97	-6.16	3.80	8.19	14.84	-0.80	-1.92	-0.43	-0.19	2.67	4.62	8.31	0.06
MRFBM1CB26P5_COS		-4485.53	-689.95	-32.60	77.94	-2.75	-20.34	10.10	-6.00	-1.51	-3.55	-7.03	-4.07	-0.40	1.29	6.34	-1.81
MRFBM1CB26P5_SIN		0.00	-80.31	-0.20	-16.76	-27.26	-9.63	-11.40	4.83	-8.03	0.97	11.21	-0.20	0.62	2.72	6.82	0.95
MRFBM1FB9_COS		354.84	9.65	161.28	-67.17	30.25	4.94	2.27	8.47	-0.92	-1.45	0.12	2.67	1.08	-0.10	-0.66	1.23
MRFBM1FB9_SIN		0.00	-8.27	38.35	-84.16	-9.18	-1.72	2.17	-6.16	2.10	-0.29	-1.66	0.25	-0.72	-2.09	-4.65	0.11
MRFBM1TOR26P5_COS		-341.72	90.68	-0.56	0.41	-0.43	0.28	-0.01	0.10	0.16	0.12	0.05	0.12	0.00	-0.04	0.14	-0.03
MRFBM1TOR26P5_SIN		0.00	-87.99	-0.08	0.02	-0.27	-0.17	0.27	0.14	0.18	-0.02	-0.10	0.07	-0.03	-0.06	-0.20	0.01

RUN	POINT	Harmonics															
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-953.03	-1457.63	-56.15	217.35	-51.41	-56.28	-7.56	-39.20	10.37	30.81	-7.38	-46.09	-10.79	11.01	43.84	-20.91
MRPC1CB33P25_SIN		0.00	5.88	-32.14	20.11	10.54	-13.22	-1.31	70.62	-31.28	2.72	30.34	24.88	11.54	19.03	55.97	10.19
MRPC1FB33P25_COS		2174.73	111.32	-331.52	271.87	-188.57	-31.54	-10.41	-104.96	-27.71	-10.17	0.15	-53.02	-10.72	36.40	108.26	-47.17
MRPC1FB33P25_SIN		0.00	123.77	-83.45	224.19	43.61	17.15	3.50	118.73	-47.49	-16.52	70.52	11.00	23.84	48.92	139.56	18.78
MRPC1TOR25P5_COS		-794.25	-22.08	-10.08	-58.06	27.00	6.03	-19.66	-17.98	-10.77	-5.78	-3.23	-13.88	-3.17	-0.90	-15.80	-6.74
MRPC1TOR25P5_SIN		0.00	83.39	-51.73	-14.59	-0.49	9.66	-3.22	-54.50	-2.71	6.99	14.48	4.56	3.40	5.48	14.58	4.44
MRPLK1LOAD_COS		-75.39	6.74	1.20	-7.27	4.03	1.06	-2.35	-1.94	-1.34	-0.91	-0.30	-2.15	-0.11	-0.30	-3.81	-0.45
MRPLK1LOAD_SIN		0.00	-14.52	-2.25	-3.10	0.05	1.70	-0.86	-7.02	-0.16	0.52	2.00	-0.16	0.59	0.74	2.00	0.67
PITCHRH_COS		9624.89	-8179.32	-407.82	-42.76	-77.30	-498.65	65.41	-37.11	41.00	-1.03	-179.76	-68.42	28.87	20.32	-4.94	567.84
PITCHRH_SIN		0.00	2154.51	-465.61	41.03	91.37	169.81	224.99	21.42	81.40	-129.23	-148.02	-41.60	-24.99	25.77	32.77	423.78
ROLLRH_COS		1510.32	-1943.34	449.86	-49.95	-64.66	-598.34	-119.32	23.93	119.05	100.06	111.78	-22.00	22.36	45.51	-7.52	-685.74
ROLLRH_SIN		0.00	-7891.56	-523.56	-89.88	201.18	-325.66	-108.86	-12.57	-95.73	32.34	15.13	-62.73	10.12	-34.98	18.30	897.52
TORQ_COS		34977.07	308.56	3.33	-11.60	-77.67	157.52	-1.11	0.44	-9.06	1.73	29.37	7.15	-1.65	-0.15	-5.72	-4.17
TORQ_SIN		0.00	630.09	-19.47	17.26	12.86	31.86	6.87	-0.47	13.76	-4.98	-49.60	6.84	-6.06	3.34	-1.66	-1.25
THRUST_COS		5809.18	-39.68	7.61	-0.87	16.65	6.07	0.32	1.58	3.40	-1.74	-8.36	5.02	-0.75	0.14	-5.98	23.34
THRUST_SIN		0.00	-74.51	6.69	4.39	18.36	-16.10	3.27	0.95	-1.73	1.62	-30.17	-1.68	0.90	-0.46	6.69	-30.38

RUN	POINT	Harmonics															
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.61	46.70	-12.47	-2.16	-57.49	50.29	6.95	-2.10	-1.13	-4.63	-7.15	0.94	-0.74	-1.10	-0.11	19.03
SIDERH_SIN		0.00	179.04	11.52	-0.23	-57.51	-41.09	9.15	-0.10	2.36	-1.06	-0.78	3.59	-0.16	0.47	-1.02	-25.95
DRAGRH_COS		-218.00	213.75	8.12	1.61	-10.70	15.51	-19.67	2.34	-1.76	-0.32	25.96	5.37	0.47	-0.59	0.21	-27.59
DRAGRH_SIN		0.00	-65.28	14.59	1.71	20.91	34.88	-25.35	1.47	-1.54	7.91	14.06	0.68	0.58	-1.65	-0.79	-16.80

RUN	POINT	Harmonics															
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.06	0.00	0.00	0.01	0.01	-0.01	0.02	0.02	0.01	0.01	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	-0.02	-0.03	0.02	0.09	0.00	0.01	0.00	0.00	0.02	0.01
ACT1DISP_COS		2.67	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.80	1.81	2.27	-11.91	-4.50	0.68	0.76	0.61	-0.31	-0.24	0.18	0.36	0.30	-0.04	-0.48	0.36
ACT1FORCE_SIN		0.00	11.89	1.71	6.52	-0.75	-0.96	-0.50	-0.61	0.62	2.12	0.23	-0.03	-0.01	0.10	0.45	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.15	-18.55	-15.90	147.68	32.93	-7.36	0.36	0.22	-0.06	-0.60	-0.09	-0.06	-0.01	-0.01	-0.10	0.01
FA1IBVOLTAGE_SIN		0.00	-69.26	-10.03	249.50	1.48	10.37	0.39	0.03	0.00	-0.14	0.12	0.01	0.10	0.03	-0.09	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.65	18.66	15.98	-148.89	-33.16	7.23	0.20	-0.01	0.04	0.57	0.09	0.05	0.02	0.02	0.10	0.01
FA1OBVOLTAGE_SIN		0.00	69.38	10.20	-249.66	-1.61	-10.45	0.19	-0.07	0.06	0.12	-0.13	-0.01	-0.05	-0.02	0.07	0.01
MRBLD1CB42P75_COS		-3753.49	-1322.39	-14.98	254.31	-42.80	-118.89	-38.88	-131.99	43.92	70.04	-2.17	-81.53	-12.22	17.18	42.45	1.71
MRBLD1CB42P75_SIN		0.00	116.58	-66.71	131.17	52.78	-49.03	29.79	139.52	-56.21	38.06	8.18	71.46	21.06	14.36	25.73	1.32

RUN	POINT	Harmonics															
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2857.54	-711.18	281.30	160.49	32.22	-80.10	-101.59	-105.55	28.67	66.03	24.01	-39.79	-6.77	12.72	22.47	5.38
MRBLD1CB70_SIN		0.00	112.48	-108.16	163.10	163.42	-36.86	52.91	122.11	-24.96	30.24	-43.63	55.51	13.91	8.44	21.24	-4.81
MRBLD1CB120_COS		-504.85	-236.53	400.36	128.89	15.49	11.40	-97.44	-40.06	-25.66	-24.12	17.16	40.67	5.86	-1.69	-2.50	3.69
MRBLD1CB120_SIN		0.00	146.50	-169.99	64.94	176.16	-28.03	31.53	57.77	18.50	-11.68	-0.23	-34.71	-7.48	-1.52	4.59	-0.02
MRBLD1CB164_COS		-1954.64	-79.45	137.72	-6.41	-50.93	21.62	-30.61	30.12	-33.39	-43.51	-9.79	32.06	11.68	2.68	-6.22	-8.43
MRBLD1CB164_SIN		0.00	80.87	-64.99	72.97	72.07	3.48	4.63	-24.93	12.60	-23.46	39.69	-32.55	-1.05	-4.19	-21.72	-2.15
MRBLD1FB42P75_COS		3019.75	92.91	-435.43	538.85	-340.89	-68.49	-18.07	-170.24	-90.16	-16.10	55.90	-27.33	23.34	56.28	118.86	14.54
MRBLD1FB42P75_SIN		0.00	-40.70	9.70	282.04	66.51	-10.90	-17.90	303.21	-73.98	24.00	102.72	65.37	25.05	-10.45	-44.73	-3.41
MRBLD1FB70_COS		410.47	-63.37	-213.12	143.02	-118.35	-22.99	0.22	-18.19	0.48	8.32	2.57	0.23	-3.30	-7.44	-23.69	-3.91
MRBLD1FB70_SIN		0.00	-165.06	18.90	108.02	4.23	-12.49	-0.20	64.49	-5.78	3.59	2.88	3.42	0.52	1.26	6.77	-0.49
MRBLD1FB87_COS		-77.90	-30.89	-168.12	43.16	-76.80	-14.52	-1.20	17.15	16.17	5.00	-8.76	9.54	-3.26	-13.04	-25.62	-2.61
MRBLD1FB87_SIN		0.00	-168.69	48.79	107.40	12.03	-0.98	-3.43	-27.57	4.35	-11.37	-24.40	-19.56	-5.88	2.96	11.23	3.65
MRBLD1FB120_COS		-463.94	-13.33	-237.12	23.48	-18.36	12.07	3.95	29.75	-3.33	-11.18	-0.46	-3.56	4.60	16.43	37.98	3.09
MRBLD1FB120_SIN		0.00	-211.62	70.81	178.17	20.60	13.75	-3.08	-89.52	12.71	4.19	5.63	5.15	1.39	-5.56	-18.04	-7.99
MRBLD1FB164_COS		-121.13	25.12	-397.56	124.18	273.83	66.47	19.68	-52.20	-3.98	16.53	-0.89	4.95	0.08	-7.47	-23.93	-3.20
MRBLD1FB164_SIN		0.00	-276.63	103.88	-3.31	42.68	-38.99	-20.96	103.15	-12.13	-3.31	-14.48	-11.57	-4.40	-0.06	8.48	4.94

RUN	POINT	Harmonics															
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-171.85	-1.87	-254.37	62.89	218.65	30.97	-15.68	-41.91	18.62	19.26	-13.01	20.96	6.34	15.23	45.21	2.38
MRBLD1FB180_SIN		0.00	-186.16	57.97	-83.15	19.12	-33.25	-14.36	100.09	-9.87	-20.70	-51.46	-38.45	-4.99	-5.39	-23.15	-11.93
MRBLD1TOR51_COS		-1387.19	47.10	-70.45	117.74	25.55	-28.56	-8.55	-25.66	14.04	13.19	3.82	6.93	2.35	3.29	10.38	3.94
MRBLD1TOR51_SIN		0.00	-40.09	-7.40	-162.01	44.58	-5.11	4.33	68.90	-4.24	5.23	-10.58	-3.20	-2.19	-2.37	3.77	1.26
MRBLD1TOR71_COS		-245.31	55.44	-73.95	89.72	36.62	-20.37	-4.28	-10.59	12.12	10.32	3.72	9.43	3.21	1.39	5.18	3.93
MRBLD1TOR71_SIN		0.00	-45.69	-9.02	-175.45	34.42	-2.22	6.13	56.46	2.79	3.78	-11.05	-4.56	-2.02	-1.42	3.45	0.82
MRBLD1TOR130_COS		-5.44	52.18	-51.70	66.64	58.46	-15.45	-3.33	-11.92	7.62	5.12	-1.15	-6.10	-0.62	0.58	-3.05	-2.19
MRBLD1TOR130_SIN		0.00	-34.79	-9.86	-192.79	35.91	3.54	7.82	50.13	-0.08	3.54	4.53	4.02	4.57	3.08	1.73	-0.78
MRBLD1TOR164_COS		-208.08	32.10	22.87	23.79	7.28	-22.68	-7.60	1.17	5.39	4.74	1.53	0.09	0.99	3.65	5.05	-1.44
MRBLD1TOR164_SIN		0.00	-6.73	-16.23	-153.67	4.34	2.83	5.67	23.25	1.01	-5.74	-2.69	0.56	3.12	5.31	5.34	-2.84
MRFBM1CB26P5_COS		-4451.49	-575.53	-48.55	92.77	-7.59	-21.14	15.87	-9.95	0.90	-2.79	-9.07	-5.16	0.20	2.11	6.49	0.22
MRFBM1CB26P5_SIN		0.00	-12.12	-0.12	-20.91	-21.99	-10.59	-7.52	7.11	-11.83	2.00	17.30	-0.28	1.15	2.37	4.67	2.46
MRFBM1FB9_COS		325.05	-76.06	188.59	-96.96	43.77	6.64	0.45	18.77	-1.36	-0.70	0.61	3.51	0.93	-0.71	-1.63	-0.44
MRFBM1FB9_SIN		0.00	-15.68	23.21	-128.95	-0.84	4.24	3.53	-6.54	4.39	-1.47	-2.08	-0.45	-1.34	-1.96	-3.16	-0.49
MRFBM1TOR26P5_COS		-341.45	89.65	-1.00	0.76	0.66	0.13	-0.18	-0.12	0.18	0.13	0.12	0.14	-0.01	-0.03	0.01	-0.02
MRFBM1TOR26P5_SIN		0.00	-88.69	-0.22	-1.29	0.45	-0.14	0.25	0.20	0.26	0.16	-0.16	-0.02	-0.07	-0.07	-0.15	0.08

RUN	POINT	Harmonics															
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-959.05	-1231.84	-98.03	278.12	-76.96	-90.02	-1.36	-105.83	18.21	32.79	-8.51	-55.63	-4.85	16.33	44.26	2.97
MRPC1CB33P25_SIN		0.00	119.89	-26.75	54.21	4.93	-32.76	3.87	104.97	-58.51	20.75	37.64	45.28	16.69	13.88	25.85	4.89
MRPC1FB33P25_COS		2157.47	51.40	-351.47	389.39	-295.02	-54.04	-10.28	-250.00	-35.16	-23.02	-15.41	-60.83	-2.86	42.72	106.66	8.26
MRPC1FB33P25_SIN		0.00	91.95	-62.39	342.51	-19.84	-26.95	-22.81	165.13	-98.37	7.42	101.39	31.65	33.22	37.82	76.63	11.38
MRPC1TOR25P5_COS		-786.56	-29.82	49.70	-122.38	-35.79	20.47	2.57	13.60	-17.05	-15.34	-4.68	-16.47	-4.44	-2.06	-5.37	-6.68
MRPC1TOR25P5_SIN		0.00	75.65	-46.29	201.53	-50.48	6.17	-2.70	-70.96	-3.89	-6.46	14.20	11.52	4.91	6.56	8.43	-1.74
MRPLK1LOAD_COS		-73.46	7.01	8.25	-15.70	-4.40	3.12	0.69	2.81	-2.11	-2.14	-0.48	-2.51	-0.39	-0.46	-1.72	-0.60
MRPLK1LOAD_SIN		0.00	-14.71	-1.30	24.99	-6.52	1.29	-0.61	-9.52	-0.07	-1.86	2.08	0.97	0.81	1.07	1.35	-0.46
PITCHRH_COS		11256.45	-8214.22	-523.90	8.84	-37.51	-1325.83	4.15	-10.80	69.12	52.78	-319.73	-78.31	16.62	40.57	13.27	518.21
PITCHRH_SIN		0.00	2225.19	-476.29	40.49	60.22	666.69	215.70	-54.55	71.32	-75.60	-12.93	-59.59	-24.55	-18.79	41.75	220.39
ROLLRH_COS		1736.09	-2031.52	425.72	-84.60	-44.75	-713.54	-74.60	77.03	156.44	58.91	39.97	-5.37	18.67	27.52	10.99	-319.41
ROLLRH_SIN		0.00	-7985.06	-471.39	-40.02	90.38	-1353.99	-76.41	-17.18	-69.87	67.93	62.27	-66.01	2.36	-33.72	32.64	590.81
TORQ_COS		35385.91	311.84	19.30	-23.26	-61.05	221.59	-0.68	-9.00	-23.26	-4.20	32.14	7.51	-0.19	-0.63	-6.41	-11.95
TORQ_SIN		0.00	633.16	-16.77	31.34	22.46	47.85	6.88	-12.47	17.90	-5.09	-74.52	5.85	-5.82	3.03	-3.63	-1.81
THRUST_COS		5721.90	-49.47	-1.81	14.37	9.33	30.10	-2.72	-10.70	3.19	1.87	4.33	7.61	-0.31	-1.85	-3.47	-4.59
THRUST_SIN		0.00	-81.85	5.95	11.16	14.00	-2.97	0.67	-2.35	-0.99	-3.50	-47.83	-0.80	1.86	-0.29	7.73	-15.19

RUN	POINT	Harmonics															
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.93	53.45	-11.20	-4.09	-35.68	113.29	4.63	-2.82	-1.76	-3.21	-6.34	0.31	-0.87	-0.51	-0.39	8.83
SIDERH_SIN		0.00	192.57	10.62	0.90	-38.29	29.29	6.13	0.34	2.46	-3.20	-3.60	3.53	0.07	0.60	-1.22	-16.66
DRAGRH_COS		-212.49	215.42	11.52	0.17	-11.53	-36.79	-14.14	3.27	0.37	-3.76	28.52	5.73	0.39	-1.49	-0.93	-25.68
DRAGRH_SIN		0.00	-68.49	13.14	-1.14	14.86	-38.29	-26.32	1.25	1.43	4.60	12.26	1.21	2.01	0.69	-1.32	-8.28

RUN	POINT	Harmonics															
58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	1.48	0.00	0.00	0.02	0.00	-0.01	-0.09	0.01	-0.01	0.00	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.07	0.00	0.00	0.00	-0.02	0.01	0.01	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.44	1.71	0.43	1.04	-3.79	-1.11	0.34	-0.06	-0.27	-2.16	0.57	0.04	-0.02	0.07	-0.03	0.22
ACT1FORCE_SIN		0.00	11.87	-0.30	10.63	2.70	-1.29	-0.38	-1.11	0.26	-0.14	-0.24	-0.21	0.04	-0.06	0.07	-0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.03	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.11	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.00	-15.99	-3.79	282.68	21.99	11.29	-0.27	-0.08	0.00	0.22	0.05	0.05	-0.03	-0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-62.03	4.02	-139.14	-19.13	7.50	-0.50	-0.12	-0.01	-0.62	-0.02	0.00	-0.03	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.83	16.17	3.99	-282.97	-22.30	-11.43	-0.30	-0.04	0.06	-0.17	-0.02	-0.05	0.02	0.00	0.02	0.02
FA1OBVOLTAGE_SIN		0.00	62.16	-3.95	140.53	19.41	-7.48	-0.33	-0.04	-0.08	0.59	0.04	0.02	0.08	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-3771.39	-1288.79	-17.27	257.94	-104.84	-85.97	-41.84	-22.12	18.29	62.11	52.63	-67.64	-5.76	18.48	27.64	-4.46
MRBLD1CB42P75_SIN		0.00	-4.24	28.54	5.10	58.87	0.58	4.77	116.80	-26.16	6.48	-13.82	40.49	15.08	20.85	49.57	-10.09

RUN	POINT	Harmonics															
58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2827.77	-689.07	246.06	179.97	-70.26	-28.44	-114.69	-13.05	17.82	58.14	37.85	-34.71	-4.44	15.58	12.55	2.15
MRBLD1CB70_SIN		0.00	22.10	-45.64	51.52	140.54	22.44	74.74	102.32	-4.06	6.62	-55.92	29.93	12.52	8.11	38.99	-15.65
MRBLD1CB120_COS		-529.56	-236.48	367.60	112.96	-73.08	47.99	-142.73	-7.44	-16.81	-34.19	-9.33	26.05	0.28	0.64	-1.14	5.81
MRBLD1CB120_SIN		0.00	117.53	-134.97	-11.28	201.27	22.36	91.53	59.88	17.15	-17.24	8.74	-22.91	-2.62	-3.39	2.98	-2.63
MRBLD1CB164_COS		-1961.78	-78.92	129.10	45.92	-92.63	30.89	-48.30	5.07	-23.83	-48.11	-15.84	22.34	5.72	-2.77	0.24	-7.52
MRBLD1CB164_SIN		0.00	81.67	-59.66	13.55	108.33	15.59	34.96	-19.28	8.11	-21.82	42.24	-18.16	-0.13	0.52	-31.94	5.48
MRBLD1FB42P75_COS		3045.03	78.67	-365.61	488.02	-324.58	-90.32	-83.98	-18.09	-99.56	-64.52	128.40	-41.50	23.69	73.30	142.22	-16.17
MRBLD1FB42P75_SIN		0.00	8.40	46.04	10.16	400.95	58.13	-5.83	197.45	-25.67	-1.78	54.24	61.61	14.94	-4.40	-3.34	-11.66
MRBLD1FB70_COS		422.23	-73.36	-182.44	145.29	-118.00	-25.20	-15.92	11.01	-1.62	2.80	2.34	1.04	-2.17	-9.73	-29.37	1.85
MRBLD1FB70_SIN		0.00	-153.49	30.30	6.77	108.74	6.49	0.39	44.55	2.63	1.87	-0.39	2.56	1.48	2.29	-2.01	0.50
MRBLD1FB87_COS		-69.63	-40.03	-148.13	62.53	-70.63	-16.20	-1.81	3.09	18.98	13.67	-26.43	11.23	-4.27	-15.43	-30.13	2.24
MRBLD1FB87_SIN		0.00	-157.24	46.83	39.98	60.93	0.76	-5.41	-21.14	-3.89	-5.65	-13.70	-17.68	-4.70	1.43	3.79	6.34
MRBLD1FB120_COS		-459.70	-16.72	-222.21	67.36	-7.21	5.98	18.82	-14.08	-1.54	-4.93	5.66	-3.76	5.38	18.03	43.71	-3.82
MRBLD1FB120_SIN		0.00	-216.06	65.05	92.09	28.64	-5.57	-4.11	-62.88	2.76	6.67	8.05	5.61	1.12	-4.20	-7.64	-10.65
MRBLD1FB164_COS		-99.24	17.57	-328.88	-58.89	269.43	68.97	-13.65	5.38	-6.43	12.01	-13.15	3.19	-2.93	-8.39	-24.63	1.25
MRBLD1FB164_SIN		0.00	-275.59	143.39	98.44	-140.82	-30.67	-14.62	70.61	-3.14	-6.75	-10.83	-8.37	-1.00	-2.99	1.35	11.88

RUN	POINT	Harmonics															
58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-164.40	0.76	-192.09	-103.55	197.33	48.06	-43.60	-0.84	19.40	33.73	-45.56	23.28	4.50	14.74	54.92	-6.64
MRBLD1FB180_SIN		0.00	-193.39	102.70	54.70	-109.75	-24.06	-0.37	72.98	-14.50	-20.84	-22.97	-26.35	-2.88	-8.13	-16.34	-21.16
MRBLD1TOR51_COS		-1381.07	51.92	-29.41	-135.69	3.53	-20.30	5.96	12.11	4.06	-5.96	-4.39	3.60	1.17	3.42	13.15	4.06
MRBLD1TOR51_SIN		0.00	-38.70	61.70	-31.37	-39.06	8.14	11.61	57.69	5.03	-1.54	-15.92	-2.61	-1.13	-1.91	7.09	-3.73
MRBLD1TOR71_COS		-238.62	58.95	-35.14	-149.14	19.26	-12.20	12.27	15.02	4.94	-5.51	-7.07	6.35	1.74	1.08	6.95	4.17
MRBLD1TOR71_SIN		0.00	-42.14	51.84	-39.10	-52.14	6.53	14.34	47.49	9.73	0.69	-15.48	-4.30	-0.82	-2.40	4.07	-2.38
MRBLD1TOR130_COS		0.10	57.51	-14.48	-166.84	41.09	-7.07	9.60	11.43	1.96	-3.28	-0.13	-7.77	0.71	0.31	-6.60	-2.97
MRBLD1TOR130_SIN		0.00	-33.58	48.56	-37.96	-58.13	9.02	14.24	40.78	6.42	0.40	3.66	-0.94	4.55	3.69	0.39	-0.48
MRBLD1TOR164_COS		-207.31	39.36	39.76	-126.60	-13.02	-16.18	-1.40	8.15	6.10	5.83	-2.72	-0.96	1.40	3.74	1.09	-2.13
MRBLD1TOR164_SIN		0.00	-4.11	18.86	-40.57	-30.97	6.31	11.44	15.93	0.76	-0.41	-0.01	-0.89	2.89	5.37	6.38	-1.47
MRFBM1CB26P5_COS		-4457.74	-551.57	-44.37	70.62	7.23	-23.03	17.79	-4.27	-3.57	-3.88	2.40	-4.84	0.49	1.95	5.61	-0.59
MRFBM1CB26P5_SIN		0.00	-61.19	35.37	-33.91	-25.08	-10.49	-19.42	5.33	-8.92	-0.43	15.86	0.85	0.66	3.92	6.54	1.23
MRFBM1FB9_COS		338.70	-86.22	158.14	-114.46	57.61	10.69	6.03	7.69	0.63	-0.35	-1.71	3.12	0.54	-0.39	-0.39	-0.69
MRFBM1FB9_SIN		0.00	21.49	-18.81	-53.16	-34.64	-1.13	8.94	-7.92	3.37	0.68	-3.06	0.28	-1.11	-2.34	-3.84	0.46
MRFBM1TOR26P5_COS		-341.52	89.64	-0.76	-0.84	0.45	0.30	0.00	0.08	0.16	0.03	0.00	0.20	-0.03	-0.02	0.14	0.00
MRFBM1TOR26P5_SIN		0.00	-88.46	0.15	-0.38	-1.26	-0.04	0.28	0.25	0.23	0.06	-0.22	0.19	-0.05	-0.05	-0.15	0.08

RUN	POINT	Harmonics															
58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-957.19	-1213.40	-83.93	251.23	-101.72	-75.59	-15.52	-20.56	-2.53	23.21	42.31	-49.83	-0.55	18.53	32.56	-2.97
MRPC1CB33P25_SIN		0.00	13.04	63.81	-39.32	38.79	-3.69	-24.15	83.56	-31.80	-5.11	21.36	26.46	12.15	20.45	46.96	-7.15
MRPC1FB33P25_COS		2178.61	34.05	-305.86	406.56	-361.67	-88.50	-68.32	-89.35	-64.47	-45.00	63.51	-67.89	4.89	50.07	83.78	-1.57
MRPC1FB33P25_SIN		0.00	134.31	-30.91	104.97	259.67	21.65	-32.76	142.14	-65.74	-36.82	107.83	18.17	27.53	53.08	124.10	-20.38
MRPC1TOR25P5_COS		-789.97	-35.88	2.45	156.47	-23.96	14.63	-16.04	-19.11	-8.85	6.49	9.68	-13.83	-1.36	-0.41	-16.31	-9.43
MRPC1TOR25P5_SIN		0.00	78.87	-122.05	54.19	47.78	-6.58	-11.87	-60.40	-11.48	-1.92	21.64	3.59	3.14	6.64	10.40	0.56
MRPLK1LOAD_COS		-73.96	6.17	2.22	20.31	-2.54	1.93	-1.57	-2.29	-0.90	0.93	1.28	-2.52	0.09	-0.34	-3.72	-1.01
MRPLK1LOAD_SIN		0.00	-14.53	-10.69	6.07	6.02	-0.54	-1.92	-7.97	-1.27	-0.82	3.11	-0.60	0.49	0.90	1.19	-0.10
PITCHRH_COS		11296.59	-8225.72	-442.28	1.62	-108.34	-43.27	102.48	-47.76	62.47	38.70	-118.73	-110.32	33.03	-4.41	30.14	491.20
PITCHRH_SIN		0.00	2238.96	-382.17	49.88	33.10	1451.77	46.13	-26.88	97.77	-132.90	-105.99	-37.18	-47.41	87.20	-8.28	372.52
ROLLRH_COS		986.58	-2054.76	481.73	5.70	-81.11	-2439.30	97.14	-20.77	106.06	135.66	80.77	-3.06	30.42	65.58	25.87	-670.44
ROLLRH_SIN		0.00	-7968.74	-474.68	-28.24	109.43	-474.82	-123.63	-123.69	-87.78	40.41	-39.07	-94.23	28.64	-41.90	7.47	481.49
TORQ_COS		35411.73	314.31	13.48	5.87	-42.86	164.13	-1.90	-8.57	-11.81	1.18	-8.32	5.29	1.30	0.69	-7.34	-14.57
TORQ_SIN		0.00	643.50	-22.27	29.70	70.42	-2.58	7.12	2.32	12.52	-4.41	-55.24	3.60	-3.75	2.61	-1.97	-5.56
THRUST_COS		5754.60	-47.73	4.91	4.53	11.53	22.71	-0.55	-5.95	1.79	-2.92	-49.51	4.53	0.90	0.75	-6.36	3.68
THRUST_SIN		0.00	-74.23	12.30	-9.29	12.89	-33.42	7.33	7.77	-4.01	-0.75	-39.77	-3.30	2.41	-1.36	8.87	-11.91

RUN	POINT	Harmonics															
58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.04	52.78	-12.71	0.52	-46.97	184.21	-3.21	-0.98	-1.18	-6.50	-4.10	-0.40	-0.99	-2.01	-0.64	18.52
SIDERH_SIN		0.00	186.10	9.50	4.80	-50.19	-131.05	6.67	2.42	-0.10	-0.70	-0.25	4.87	-0.46	0.80	-0.58	-13.77
DRAGRH_COS		-208.59	214.69	8.44	-3.66	-14.12	-88.05	-19.35	1.12	3.75	-3.29	24.86	7.91	1.29	-0.41	-1.37	-23.13
DRAGRH_SIN		0.00	-68.37	13.52	1.09	29.29	127.00	-6.70	3.33	-1.10	7.64	7.23	1.44	0.08	-4.21	1.28	-12.96

RUN	POINT	Harmonics															
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	1.25	0.00	0.00	0.03	0.01	0.00	0.00	-0.01	-0.02	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.80	0.00	0.00	-0.01	0.00	0.01	0.08	-0.01	-0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.84	1.80	-0.22	4.92	-2.23	-1.26	0.54	-0.10	-0.03	-0.48	-0.07	-0.31	0.10	-0.04	-0.12	-0.08
ACT1FORCE_SIN		0.00	11.73	-0.40	7.33	3.23	-0.39	-0.33	-0.22	0.19	1.91	-0.30	-0.22	0.05	0.12	-0.15	0.65
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	-0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.08	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.77	-15.66	-0.55	184.72	11.03	9.15	-0.55	-0.20	0.00	-0.58	-0.03	0.07	0.00	-0.02	0.03	-0.14
FA1IBVOLTAGE_SIN		0.00	-61.80	4.22	-252.61	-20.78	1.97	-0.04	-0.02	0.00	-0.26	-0.04	-0.06	-0.01	-0.02	-0.06	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.08	0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.06	15.83	0.74	-184.32	-11.19	-9.26	-0.44	0.04	-0.03	0.56	0.05	-0.05	0.06	0.02	-0.03	0.11
FA1OBVOLTAGE_SIN		0.00	61.93	-4.22	253.96	21.14	-1.91	0.04	0.02	-0.08	0.21	0.03	0.07	0.00	0.02	0.06	-0.05
MRBLD1CB42P75_COS		-3770.21	-1269.60	19.31	209.70	-106.44	-65.63	-45.82	13.94	38.83	73.37	1.62	-71.33	-8.09	21.61	31.23	2.11
MRBLD1CB42P75_SIN		0.00	31.09	26.48	-36.07	70.67	-13.74	12.40	34.64	-21.13	11.35	16.41	24.96	10.22	18.23	59.73	-9.92

RUN	POINT	Harmonics															
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2826.19	-679.82	268.17	145.15	-92.50	-11.98	-101.91	6.49	34.76	69.36	6.29	-43.12	-3.89	15.94	13.30	5.58
MRBLD1CB70_SIN		0.00	38.98	-29.49	4.64	158.28	-1.86	91.33	35.69	-8.63	5.36	-14.42	22.28	8.64	9.44	43.83	-17.30
MRBLD1CB120_COS		-537.15	-232.22	379.25	85.77	-79.83	54.31	-121.35	-4.15	-14.55	-26.97	11.65	31.14	5.51	-0.86	-3.49	4.40
MRBLD1CB120_SIN		0.00	130.71	-115.18	-39.38	218.95	1.21	118.10	24.05	9.91	-9.18	-14.37	-13.80	0.78	0.30	1.04	-1.35
MRBLD1CB164_COS		-1963.65	-80.07	129.43	33.82	-84.70	28.91	-42.58	-6.37	-29.10	-47.86	6.06	31.22	4.18	-0.60	2.40	-9.76
MRBLD1CB164_SIN		0.00	92.26	-50.47	-20.11	121.74	8.40	42.25	-6.26	3.60	-12.60	6.35	-11.53	3.98	-0.85	-32.91	6.10
MRBLD1FB42P75_COS		3044.12	75.14	-353.38	346.32	-197.47	-75.36	-76.64	-20.86	-74.12	-20.71	57.62	-38.09	22.13	74.62	156.07	-8.13
MRBLD1FB42P75_SIN		0.00	9.30	11.75	-56.39	412.70	66.74	27.06	24.32	-16.84	29.45	39.07	40.69	13.75	-7.36	5.70	-19.83
MRBLD1FB70_COS		424.43	-71.50	-177.82	97.33	-79.33	-20.55	-14.75	9.42	1.92	5.73	1.12	0.87	-1.41	-9.95	-32.11	0.47
MRBLD1FB70_SIN		0.00	-145.62	16.41	-23.12	113.86	6.43	7.05	11.36	1.94	2.66	1.17	2.50	1.65	3.06	-4.41	1.93
MRBLD1FB87_COS		-66.62	-38.98	-147.12	36.79	-51.78	-15.53	-2.46	3.65	15.82	6.30	-10.16	11.67	-3.48	-15.45	-33.25	-0.16
MRBLD1FB87_SIN		0.00	-151.71	35.60	17.11	63.22	2.62	-5.79	-5.81	-3.98	-11.38	-13.12	-12.69	-4.22	2.33	2.69	8.38
MRBLD1FB120_COS		-456.15	-19.50	-224.71	38.62	-2.14	-0.44	15.81	-11.27	-7.47	-9.44	2.61	-4.94	3.13	18.78	48.36	0.30
MRBLD1FB120_SIN		0.00	-217.42	53.71	57.93	28.85	-1.29	-11.43	-16.10	2.61	7.50	7.91	4.68	1.79	-7.21	-6.09	-13.46
MRBLD1FB164_COS		-96.05	12.89	-300.13	-64.82	199.47	68.99	-10.56	3.39	4.41	12.57	-5.34	4.33	0.60	-7.11	-27.68	-0.84
MRBLD1FB164_SIN		0.00	-276.91	108.00	164.86	-157.97	-35.94	1.46	3.06	-3.61	-7.92	-12.79	-5.88	-1.90	-2.00	1.61	14.16

RUN	POINT	Harmonics															
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-162.72	-2.43	-165.77	-93.21	143.07	51.22	-37.94	-3.15	21.32	17.75	-17.53	23.94	3.62	16.51	61.07	-0.71
MRBLD1FB180_SIN		0.00	-194.32	81.47	126.12	-121.38	-30.17	18.76	11.44	-16.52	-27.32	-23.82	-17.80	-2.86	-7.94	-13.56	-23.92
MRBLD1TOR51_COS		-1382.95	51.68	-1.07	-144.67	-27.80	-15.08	20.67	17.43	7.64	8.79	-3.78	1.93	1.95	3.75	13.69	3.72
MRBLD1TOR51_SIN		0.00	-41.51	57.56	66.60	-49.18	0.61	8.60	23.64	-1.20	3.30	-8.38	-0.02	-2.25	-0.64	8.44	0.34
MRBLD1TOR71_COS		-239.07	58.77	-9.84	-152.38	-12.72	-8.18	25.82	16.47	7.17	6.62	-3.99	5.12	2.01	1.41	7.00	3.79
MRBLD1TOR71_SIN		0.00	-44.46	47.86	57.13	-63.08	-0.21	9.68	22.99	3.30	2.84	-8.72	-0.01	-1.51	-1.67	4.87	1.76
MRBLD1TOR130_COS		-0.10	56.42	9.88	-161.58	5.46	-3.49	19.74	12.74	4.11	5.06	-0.78	-5.49	-0.01	0.26	-7.07	-2.13
MRBLD1TOR130_SIN		0.00	-36.28	45.13	62.21	-68.68	2.61	11.03	18.70	2.73	2.07	2.68	2.63	4.74	3.69	0.22	-0.62
MRBLD1TOR164_COS		-207.46	39.19	53.73	-117.22	-27.75	-14.12	4.29	7.25	4.99	5.65	0.79	0.42	0.62	4.35	1.09	0.52
MRBLD1TOR164_SIN		0.00	-5.86	21.30	28.54	-31.53	3.13	9.55	8.14	-1.74	-4.50	0.85	1.48	3.02	4.83	7.52	-3.72
MRFBM1CB26P5_COS		-4455.89	-541.99	-30.56	61.17	10.26	-20.15	13.45	0.26	-2.42	-3.71	-1.15	-2.93	0.19	2.36	5.54	0.10
MRFBM1CB26P5_SIN		0.00	-44.32	30.77	-29.86	-29.48	-8.29	-21.11	-0.47	-5.26	2.00	9.24	-0.30	0.56	3.34	7.48	1.76
MRFBM1FB9_COS		333.47	-97.30	139.45	-85.48	44.69	9.49	7.83	0.98	-0.19	-0.62	-0.02	2.56	0.38	-0.51	-0.15	-1.14
MRFBM1FB9_SIN		0.00	17.96	-0.06	-22.16	-40.97	-1.78	6.60	-0.82	2.47	-1.08	-1.69	0.71	-0.95	-2.49	-4.28	0.24
MRFBM1TOR26P5_COS		-341.61	89.64	-0.57	-0.86	-0.21	0.37	0.23	0.14	0.16	0.09	-0.01	0.11	0.00	-0.01	0.18	-0.05
MRFBM1TOR26P5_SIN		0.00	-88.48	0.10	0.31	-1.46	-0.19	0.23	0.09	0.15	0.14	-0.07	0.00	-0.05	-0.03	-0.16	0.04

RUN	POINT	Harmonics															
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-950.58	-1196.69	-49.27	206.21	-87.56	-62.19	-23.98	8.20	11.91	32.60	5.26	-48.24	-2.45	21.21	34.93	3.11
MRPC1CB33P25_SIN		0.00	47.17	52.62	-59.97	45.05	-10.74	-16.45	15.53	-22.32	6.35	26.44	15.60	9.53	18.12	55.62	-6.80
MRPC1FB33P25_COS		2177.56	29.10	-293.56	303.06	-260.17	-79.26	-72.47	-24.07	-48.14	-28.03	20.25	-52.81	5.57	52.66	83.62	11.10
MRPC1FB33P25_SIN		0.00	135.51	-57.56	21.10	299.53	31.93	-3.24	6.97	-48.53	8.03	59.61	5.68	25.72	52.93	141.21	-18.66
MRPC1TOR25P5_COS		-789.44	-35.78	-27.46	163.81	12.92	8.75	-32.72	-21.33	-11.40	-7.38	6.06	-11.12	-3.62	0.43	-17.60	-6.88
MRPC1TOR25P5_SIN		0.00	83.10	-117.72	-56.94	63.88	0.57	-7.34	-29.62	-3.41	-6.62	13.45	3.22	4.04	4.00	10.90	-2.46
MRPLK1LOAD_COS		-73.74	6.26	-1.65	21.46	2.23	1.14	-4.03	-2.73	-1.33	-1.08	0.97	-1.75	-0.34	-0.22	-4.10	-0.60
MRPLK1LOAD_SIN		0.00	-13.81	-10.08	-8.21	7.97	0.64	-1.44	-3.34	-0.20	-1.74	1.71	0.25	0.66	0.50	1.17	-0.22
PITCHRH_COS		11443.19	-8218.78	-384.21	-18.56	-117.35	407.19	107.49	-61.49	60.83	52.43	-310.63	-62.67	12.71	22.47	32.63	525.82
PITCHRH_SIN		0.00	2249.36	-383.12	61.15	40.19	1121.62	25.57	-11.58	99.82	-116.75	-78.29	-15.78	-56.00	82.49	-14.24	449.56
ROLLRH_COS		1074.33	-2069.32	469.04	16.28	-96.94	-2384.25	43.68	-48.51	73.78	112.52	-3.96	-31.89	39.48	26.10	23.14	-875.16
ROLLRH_SIN		0.00	-7968.67	-494.98	-41.07	143.94	239.15	-152.24	-100.63	-81.45	75.03	51.55	-81.74	5.76	-37.89	-34.01	500.22
TORQ_COS		35550.04	306.35	7.14	9.33	-12.61	128.41	-1.15	-13.63	-13.52	1.09	2.00	2.15	1.42	0.05	-7.68	-19.95
TORQ_SIN		0.00	635.60	-27.08	20.61	69.34	4.12	8.61	11.47	2.65	-4.37	-37.22	4.23	-7.66	3.46	-3.08	-4.21
THRUST_COS		5745.13	-46.55	10.44	-3.51	8.44	11.10	1.46	-6.05	1.12	-4.38	-18.21	1.76	1.07	1.49	-7.61	6.86
THRUST_SIN		0.00	-74.24	11.64	-8.93	13.85	-32.11	5.60	15.88	-3.42	-2.66	-21.01	-1.27	2.39	-2.12	6.07	-2.93

RUN	POINT	Harmonics															
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.19	55.63	-12.64	2.90	-46.55	141.30	-1.20	-0.51	-1.32	-5.15	-3.45	0.65	-1.03	-0.79	-0.70	23.90
SIDERH_SIN		0.00	187.63	9.93	3.77	-50.17	-178.16	8.12	2.32	-0.43	-2.75	-3.09	4.10	0.31	1.03	0.63	-14.61
DRAGRH_COS		-208.07	214.68	8.54	-2.93	-8.43	-47.80	-21.18	2.50	2.33	-2.22	26.28	5.69	1.76	-1.00	-2.28	-24.43
DRAGRH_SIN		0.00	-68.56	14.65	2.10	32.70	167.36	-2.73	2.61	-5.38	6.45	7.16	0.36	0.15	-3.38	1.73	-16.90

RUN	POINT	Harmonics															
58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.69	0.00	0.00	0.02	0.01	0.00	0.07	0.00	0.00	0.00	-0.01	-0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	-1.31	0.00	0.00	-0.01	0.01	0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.08	1.87	-0.57	6.10	-1.35	-0.60	0.72	-0.10	-0.38	1.41	-0.06	0.33	-0.03	-0.35	-0.48	0.25
ACT1FORCE_SIN		0.00	11.40	0.23	3.08	2.64	-0.02	-0.22	0.21	0.29	0.10	-0.12	-0.14	-0.08	0.15	0.09	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.03	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.76	-15.19	3.85	47.69	6.73	4.89	-0.38	-0.17	-0.06	-0.28	-0.03	0.01	0.01	0.00	0.00	0.06
FA1IBVOLTAGE_SIN		0.00	-62.03	-1.97	-306.03	-15.17	1.11	0.40	0.07	-0.03	0.54	0.02	-0.01	-0.04	-0.09	-0.10	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.05	15.36	-3.70	-46.72	-6.75	-4.98	-0.18	0.06	0.01	0.23	0.02	0.00	-0.04	0.02	0.00	-0.04
FA1OBVOLTAGE_SIN		0.00	62.15	1.92	307.05	15.56	-1.01	0.37	-0.01	-0.01	-0.53	-0.05	-0.01	-0.01	0.09	0.10	0.01
MRBLD1CB42P75_COS		-3739.15	-1472.91	30.17	173.93	-98.78	-50.87	-37.88	-4.93	28.21	81.40	2.59	-69.79	-13.90	16.68	39.34	-8.85
MRBLD1CB42P75_SIN		0.00	-78.61	-7.76	-15.32	64.26	-14.57	10.26	9.98	-25.17	-3.83	-9.94	48.97	13.21	16.84	61.24	-4.62

RUN	POINT	Harmonics															
58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2842.09	-804.24	295.14	106.10	-76.84	3.11	-82.63	-12.15	23.88	75.01	17.45	-36.86	-8.55	13.03	17.89	-4.21
MRBLD1CB70_SIN		0.00	-41.79	-41.92	13.81	160.04	-3.04	80.10	17.20	-13.66	-7.51	-35.15	37.70	10.22	8.65	47.64	-11.41
MRBLD1CB120_COS		-541.80	-272.95	410.25	57.80	-59.35	66.48	-90.00	-10.64	-15.23	-15.55	15.89	30.90	6.31	-0.40	-4.94	4.35
MRBLD1CB120_SIN		0.00	86.65	-110.25	-21.15	207.51	3.09	101.21	19.80	10.91	-14.52	6.45	-25.82	-3.12	-1.06	2.17	-1.83
MRBLD1CB164_COS		-1965.27	-88.81	138.37	10.02	-66.57	33.30	-32.63	-1.00	-26.27	-38.93	-2.65	29.38	8.94	2.61	0.75	-2.85
MRBLD1CB164_SIN		0.00	82.19	-44.54	-23.77	115.49	10.27	37.56	3.01	4.45	-13.01	28.07	-22.69	3.15	-1.26	-35.04	2.41
MRBLD1FB42P75_COS		3021.74	130.64	-380.59	283.75	-174.41	-48.32	-47.92	-56.27	-78.93	-6.77	52.84	-32.64	12.30	67.01	168.19	-9.10
MRBLD1FB42P75_SIN		0.00	23.42	-16.67	27.02	320.89	65.80	10.47	0.42	-11.31	-24.22	49.17	56.94	16.00	-4.79	-4.75	2.09
MRBLD1FB70_COS		421.35	-74.37	-189.45	72.46	-69.65	-13.71	-9.47	1.78	1.98	7.80	0.55	-0.17	-0.54	-8.77	-35.52	-0.23
MRBLD1FB70_SIN		0.00	-143.59	2.72	1.87	89.14	7.06	2.85	4.75	1.29	-0.39	2.18	2.00	0.67	3.03	-2.07	-3.10
MRBLD1FB87_COS		-65.96	-41.39	-158.86	19.30	-44.72	-14.09	-5.55	4.87	15.82	3.55	-7.69	9.97	-1.95	-13.21	-33.77	1.65
MRBLD1FB87_SIN		0.00	-144.45	25.87	25.76	52.62	5.62	-2.36	-3.71	-4.66	-1.73	-14.31	-16.49	-4.81	0.78	4.98	4.76
MRBLD1FB120_COS		-449.49	-26.83	-241.23	13.05	3.65	-1.68	10.73	0.61	-8.86	-13.39	1.21	-3.24	2.11	16.53	50.29	-2.88
MRBLD1FB120_SIN		0.00	-204.39	41.20	57.18	27.51	-1.03	-4.16	-9.68	2.48	10.36	6.43	6.04	2.23	-5.85	-9.01	-7.55
MRBLD1FB164_COS		-88.88	2.60	-314.86	-13.84	156.86	54.40	7.12	-11.48	5.48	13.14	-6.27	2.39	1.77	-4.76	-28.20	0.84
MRBLD1FB164_SIN		0.00	-248.22	54.89	230.12	-119.62	-41.46	-7.52	-4.38	-5.44	-6.85	-11.50	-10.10	-2.30	-3.26	2.71	10.79

RUN	POINT	Harmonics															
58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-158.12	-6.83	-171.34	-36.19	114.25	41.35	-21.07	-19.18	18.66	14.03	-15.73	21.97	6.14	15.37	63.58	-4.28
MRBLD1FB180_SIN		0.00	-175.09	44.21	177.04	-90.54	-36.15	10.21	6.35	-20.48	-14.38	-23.51	-29.56	-5.47	-10.41	-16.55	-17.62
MRBLD1TOR51_COS		-1382.55	47.44	14.69	-97.68	-61.52	-10.54	24.66	13.58	0.29	12.91	0.28	6.98	1.64	3.20	13.34	4.02
MRBLD1TOR51_SIN		0.00	-45.10	39.65	164.12	-51.35	-4.47	-1.82	18.89	-2.08	-12.79	-8.17	-1.31	-0.79	-0.78	7.81	-1.88
MRBLD1TOR71_COS		-239.74	56.79	4.51	-105.13	-45.50	-5.24	27.81	14.67	1.41	8.27	-0.23	10.07	2.45	1.34	6.15	3.90
MRBLD1TOR71_SIN		0.00	-46.01	32.22	146.76	-61.98	-5.05	-0.05	20.42	2.74	-9.20	-8.23	-2.67	-0.27	-1.96	4.85	-0.78
MRBLD1TOR130_COS		0.03	53.01	25.27	-107.02	-26.90	-3.55	20.88	11.59	0.66	6.35	0.09	-4.37	0.11	0.85	-7.17	-3.41
MRBLD1TOR130_SIN		0.00	-37.66	28.69	146.19	-60.60	-2.33	1.87	15.39	3.36	-4.97	2.55	1.64	3.77	3.10	2.11	-0.31
MRBLD1TOR164_COS		-207.12	37.31	66.08	-78.76	-40.85	-12.96	2.29	6.59	3.76	1.60	1.69	-0.05	0.49	4.35	2.65	-2.59
MRBLD1TOR164_SIN		0.00	-8.77	16.62	79.59	-27.85	2.89	5.28	5.30	-1.86	-2.82	0.42	0.24	2.09	3.68	8.51	-1.53
MRFBM1CB26P5_COS		-4437.05	-640.83	-30.84	62.55	5.06	-19.34	11.42	-0.41	-1.57	-2.67	-4.74	-4.21	-0.05	1.96	6.62	-0.17
MRFBM1CB26P5_SIN		0.00	-99.24	17.88	-20.59	-32.62	-8.87	-19.36	-2.08	-4.86	0.79	9.13	0.59	0.36	3.18	7.04	2.11
MRFBM1FB9_COS		323.17	-14.12	146.56	-62.56	38.27	7.34	5.71	1.83	0.21	-2.47	-0.26	3.05	0.64	-0.36	-0.52	-0.22
MRFBM1FB9_SIN		0.00	14.09	23.25	-34.47	-31.46	-3.08	5.51	1.83	2.84	-0.14	-1.24	0.12	-0.65	-2.24	-4.58	0.40
MRFBM1TOR26P5_COS		-341.54	90.34	-0.37	-0.53	-0.77	0.36	0.28	0.16	0.12	0.20	0.02	0.11	-0.01	-0.03	0.17	0.01
MRFBM1TOR26P5_SIN		0.00	-87.84	0.11	0.94	-1.42	-0.21	0.12	0.05	0.17	-0.03	-0.06	0.02	0.00	-0.03	-0.21	0.03

RUN	POINT	Harmonics															
58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-922.88	-1375.86	-47.87	185.08	-85.04	-50.77	-18.61	-5.94	4.57	43.24	0.26	-48.57	-6.12	17.34	42.52	-6.57
MRPC1CB33P25_SIN		0.00	-39.52	16.39	-31.92	28.80	-10.75	-15.61	-2.65	-23.58	-7.80	14.92	31.65	10.19	16.33	56.14	-1.87
MRPC1FB33P25_COS		2159.82	80.37	-313.49	235.87	-217.31	-57.96	-44.08	-43.66	-54.18	9.13	12.10	-59.04	-3.24	46.34	100.97	-10.61
MRPC1FB33P25_SIN		0.00	149.02	-80.25	73.32	230.67	39.31	-6.72	-26.14	-46.75	-24.41	62.74	21.83	19.96	48.65	145.61	-5.92
MRPC1TOR25P5_COS		-790.72	-25.37	-46.84	109.81	53.16	3.56	-36.38	-19.65	-4.42	-12.12	1.93	-15.97	-4.33	0.61	-15.29	-12.75
MRPC1TOR25P5_SIN		0.00	85.24	-95.07	-162.00	65.41	7.21	4.54	-26.08	-2.98	10.42	10.98	6.90	1.88	3.39	15.42	1.04
MRPLK1LOAD_COS		-73.84	6.59	-3.70	14.44	7.67	0.54	-4.71	-2.30	-0.45	-2.03	0.43	-2.41	-0.33	-0.08	-3.92	-1.54
MRPLK1LOAD_SIN		0.00	-13.72	-7.55	-22.04	8.34	1.56	0.16	-2.72	-0.23	0.95	1.51	0.36	0.27	0.36	2.13	0.08
PITCHRH_COS		10043.29	-8233.35	-314.41	-39.11	-132.35	334.37	148.86	-81.67	83.47	7.81	-182.23	-80.95	31.32	18.16	37.68	559.25
PITCHRH_SIN		0.00	2254.17	-399.37	54.85	60.69	516.16	10.92	-18.55	82.65	-184.97	-77.18	-32.45	-28.65	83.31	8.40	497.41
ROLLRH_COS		1022.18	-2059.10	489.99	18.56	-96.47	-1710.61	-1.94	-15.90	107.68	102.45	104.68	-21.78	17.72	31.32	34.58	-832.25
ROLLRH_SIN		0.00	-7937.57	-493.62	-69.35	200.24	348.22	-133.98	-97.12	-44.10	29.04	150.56	-66.92	22.37	-40.48	-63.76	681.05
TORQ_COS		35962.76	308.85	-2.14	7.44	-13.02	111.20	0.41	-11.79	-17.76	1.74	21.16	6.46	-2.61	0.55	-6.54	-17.94
TORQ_SIN		0.00	617.37	-26.68	23.25	52.19	18.15	8.34	17.08	1.49	-4.28	-38.47	2.50	-4.27	2.85	-1.28	2.47
THRUST_COS		5709.76	-45.96	13.70	-6.27	10.47	1.75	0.78	-0.12	1.22	-3.16	-9.43	4.35	0.99	0.36	-4.94	12.05
THRUST_SIN		0.00	-71.52	10.45	-4.06	13.71	-29.27	6.25	17.98	-1.94	1.68	-33.62	-5.91	1.02	-2.32	6.95	-11.82

RUN	POINT	Harmonics															
58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.91	55.41	-13.60	1.96	-55.21	88.82	-0.17	-0.76	-2.12	-4.27	-7.18	0.32	-0.46	-1.07	-1.11	23.16
SIDERH_SIN		0.00	184.50	9.67	2.10	-54.78	-152.56	8.87	2.14	-0.16	-1.07	-4.89	3.70	-0.35	0.97	1.43	-19.62
DRAGRH_COS		-217.51	214.22	6.73	-1.01	-7.55	-10.53	-19.96	3.47	0.14	0.00	25.13	6.63	-0.21	-0.70	-2.25	-27.58
DRAGRH_SIN		0.00	-67.85	15.41	2.79	31.93	153.51	-1.96	0.11	-3.60	10.81	9.71	1.16	-0.10	-3.65	0.41	-20.55

RUN	POINT	Harmonics															
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.07	0.00	0.00	0.02	0.02	-0.01	-0.02	0.00	0.00	0.01	-0.01	-0.03	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	-0.01	0.02	0.01	-0.07	0.02	0.00	0.00	0.00	0.02	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.47	2.09	-1.30	4.99	-0.75	-0.46	0.55	0.10	-0.52	-0.53	0.04	0.20	0.19	-0.11	-0.69	-0.87
ACT1FORCE_SIN		0.00	11.44	1.45	-1.62	1.60	0.07	-0.36	0.56	0.38	-1.54	0.44	-0.18	0.08	-0.08	0.14	0.56
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.27	-17.75	6.14	-100.96	5.38	5.72	0.09	-0.08	-0.05	0.47	-0.11	-0.07	-0.03	-0.01	-0.03	-0.13
FA1IBVOLTAGE_SIN		0.00	-65.88	-12.51	-282.39	-6.45	0.57	0.45	0.09	-0.01	0.25	0.03	0.00	0.00	-0.10	-0.19	-0.21
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.53	17.90	-6.05	101.90	-5.28	-5.76	0.22	0.02	-0.01	-0.47	0.09	0.05	0.00	0.01	0.03	0.13
FA1OBVOLTAGE_SIN		0.00	66.01	12.44	282.94	6.80	-0.44	0.36	-0.03	0.02	-0.21	-0.02	-0.01	0.03	0.08	0.17	0.18
MRBLD1CB42P75_COS		-3762.39	-1324.22	98.36	152.19	-67.31	-50.19	-33.58	-3.84	20.22	61.62	-4.36	-53.64	-13.86	15.31	49.30	-5.72
MRBLD1CB42P75_SIN		0.00	64.41	-48.37	-7.00	88.42	-12.47	14.04	43.06	-9.34	-18.33	29.18	42.66	18.12	21.50	55.47	-2.07

RUN	POINT	Harmonics															
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2839.41	-711.76	349.95	85.81	-29.90	-2.31	-54.28	-3.47	18.60	59.41	11.96	-26.05	-6.80	12.37	26.48	-5.15
MRBLD1CB70_SIN		0.00	40.70	-57.82	12.96	190.87	-2.59	83.35	43.21	1.34	-19.98	-11.52	33.96	15.05	13.72	44.84	-7.51
MRBLD1CB120_COS		-535.57	-228.94	447.40	53.21	-3.30	63.86	-51.42	4.91	-15.07	-22.56	21.06	21.85	7.10	0.16	-5.10	0.75
MRBLD1CB120_SIN		0.00	109.35	-114.28	-17.26	224.30	2.65	106.69	31.77	23.86	-16.00	-18.30	-22.61	-4.69	-3.35	2.66	0.51
MRBLD1CB164_COS		-1963.47	-77.44	139.28	-12.39	-35.82	32.06	-17.50	5.91	-23.66	-41.12	5.91	20.37	9.20	1.03	-4.43	-1.29
MRBLD1CB164_SIN		0.00	84.09	-42.05	-30.52	120.94	10.09	39.02	-3.60	8.10	-10.22	6.99	-23.18	0.10	-3.25	-31.79	-0.98
MRBLD1FB42P75_COS		3022.94	99.07	-369.37	238.19	-97.13	-7.35	-39.99	-15.62	-57.42	-47.21	67.45	-22.34	19.27	70.12	167.32	2.78
MRBLD1FB42P75_SIN		0.00	-0.56	-65.85	62.43	275.56	69.88	29.84	51.09	25.78	-16.09	59.03	52.63	24.17	-5.67	-26.95	7.11
MRBLD1FB70_COS		418.64	-70.58	-188.79	49.90	-43.31	-2.56	-6.24	8.56	3.15	3.47	1.52	-0.71	-1.77	-9.60	-36.06	-3.07
MRBLD1FB70_SIN		0.00	-137.74	-14.26	12.57	77.08	9.12	7.73	14.24	5.99	-0.40	2.49	1.40	-0.41	2.35	2.65	-4.21
MRBLD1FB87_COS		-67.64	-39.22	-164.13	0.89	-33.34	-12.63	-6.15	0.06	13.23	11.65	-11.85	7.22	-3.49	-14.40	-33.63	-0.41
MRBLD1FB87_SIN		0.00	-139.24	17.19	29.38	44.65	6.82	-1.85	-8.36	-9.89	-2.27	-18.49	-15.55	-6.91	0.84	9.97	4.03
MRBLD1FB120_COS		-450.20	-30.97	-250.67	-18.71	6.41	-5.93	8.52	-9.76	-8.00	-7.01	1.91	-1.86	4.32	19.05	51.57	0.45
MRBLD1FB120_SIN		0.00	-197.20	37.85	61.91	22.86	1.87	-5.54	-24.03	-4.92	9.93	8.45	6.55	4.64	-5.43	-16.76	-6.17
MRBLD1FB164_COS		-94.50	-5.45	-303.01	63.22	119.04	40.40	11.31	4.13	5.97	13.94	-8.43	-0.24	0.57	-5.55	-26.69	2.26
MRBLD1FB164_SIN		0.00	-236.62	10.70	258.12	-93.69	-44.92	-12.83	23.66	3.59	-5.76	-15.03	-10.13	-3.83	-3.15	7.30	10.22

RUN	POINT	Harmonics															
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-160.32	-11.06	-162.90	45.56	91.99	26.62	-15.82	-3.34	12.34	20.24	-25.01	11.24	3.92	18.73	68.41	-2.53
MRBLD1FB180_SIN		0.00	-165.72	7.57	193.61	-70.18	-43.93	5.98	33.09	-17.45	-19.55	-32.75	-24.28	-3.20	-5.02	-23.47	-14.45
MRBLD1TOR51_COS		-1381.45	47.43	34.22	-3.18	-84.86	-11.76	23.33	30.55	1.07	-3.43	-0.26	3.88	2.87	2.71	12.47	-0.75
MRBLD1TOR51_SIN		0.00	-46.61	9.03	217.55	-25.76	-4.69	-4.51	29.06	9.19	-15.83	-10.90	-4.30	-0.25	1.29	8.47	-2.07
MRBLD1TOR71_COS		-239.65	55.41	19.99	-14.07	-71.12	-7.18	26.13	29.45	2.12	-4.56	-0.98	6.18	3.29	0.83	6.95	0.08
MRBLD1TOR71_SIN		0.00	-48.73	5.33	196.29	-37.90	-5.74	-3.05	26.90	10.90	-10.72	-11.98	-5.94	-0.25	-0.23	6.57	0.02
MRBLD1TOR130_COS		0.18	51.04	39.95	-12.85	-52.80	-6.07	19.61	21.85	1.16	-2.86	-0.58	-5.08	-0.05	0.49	-4.36	-2.33
MRBLD1TOR130_SIN		0.00	-40.66	3.65	190.95	-35.69	-3.36	-0.59	21.25	10.77	-4.92	2.45	-0.63	3.39	3.03	3.36	1.72
MRBLD1TOR164_COS		-206.21	35.94	72.52	-15.92	-49.93	-12.14	1.73	10.55	5.14	2.24	1.07	-0.40	0.37	4.36	6.60	1.38
MRBLD1TOR164_SIN		0.00	-11.23	5.06	106.50	-12.54	5.22	6.79	5.40	-0.46	0.72	-1.47	-0.17	2.03	3.67	7.92	1.39
MRFBM1CB26P5_COS		-4450.90	-570.12	-4.74	65.03	0.48	-18.46	5.36	-1.55	-2.76	-4.01	-4.58	-3.50	-0.62	2.11	7.51	0.34
MRFBM1CB26P5_SIN		0.00	-26.71	0.06	-14.58	-32.01	-8.69	-19.36	0.66	-4.32	0.22	11.64	0.54	0.79	2.82	6.36	2.76
MRFBM1FB9_COS		328.39	-74.57	123.94	-46.58	27.96	4.96	5.99	2.00	1.02	-1.40	0.06	2.60	0.84	-0.40	-1.13	-0.27
MRFBM1FB9_SIN		0.00	-1.66	54.19	-38.16	-30.36	-5.53	3.02	-1.96	0.94	1.15	-2.29	-0.25	-1.01	-2.42	-4.52	-0.06
MRFBM1TOR26P5_COS		-341.61	89.62	-0.33	0.04	-1.27	0.29	0.30	0.25	0.14	0.11	0.07	0.12	0.04	-0.02	0.00	-0.01
MRFBM1TOR26P5_SIN		0.00	-88.64	-0.06	1.22	-1.02	-0.27	0.08	0.08	0.20	-0.13	-0.07	0.11	0.00	-0.03	-0.26	-0.04

RUN	POINT	Harmonics															
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-945.10	-1240.14	14.21	174.42	-63.43	-46.12	-22.03	-4.19	-0.31	25.74	-0.85	-38.40	-6.75	16.99	51.11	-4.34
MRPC1CB33P25_SIN		0.00	84.17	-29.10	-16.88	39.19	-7.65	-10.46	25.28	-9.28	-17.78	40.64	27.76	14.65	19.77	51.36	1.71
MRPC1FB33P25_COS		2163.09	51.97	-296.52	187.66	-140.21	-26.50	-42.95	-32.10	-54.84	-24.74	15.98	-48.11	-4.39	47.74	121.41	-7.79
MRPC1FB33P25_SIN		0.00	122.86	-115.30	92.09	210.67	53.78	10.56	29.80	-8.57	-39.54	78.36	24.35	30.75	51.29	131.06	8.78
MRPC1TOR25P5_COS		-792.51	-25.69	-62.29	5.38	85.21	5.83	-33.72	-37.55	-5.31	3.90	0.96	-11.42	-5.46	-0.08	-6.88	-6.27
MRPC1TOR25P5_SIN		0.00	84.04	-63.65	-222.11	39.51	7.53	8.59	-33.54	-13.07	14.49	16.05	7.12	2.67	2.04	14.40	6.80
MRPLK1LOAD_COS		-74.15	7.06	-5.98	1.04	11.48	0.83	-4.51	-4.81	-0.65	0.32	0.16	-1.96	-0.59	-0.26	-2.14	-0.73
MRPLK1LOAD_SIN		0.00	-13.60	-3.26	-29.57	4.91	1.64	0.69	-3.99	-1.77	1.79	1.99	0.08	0.29	0.26	2.49	1.25
PITCHRH_COS		11092.58	-8211.82	-307.39	-33.65	-129.35	319.49	98.65	-72.75	75.07	-25.00	-50.51	-42.75	32.76	28.98	35.81	686.90
PITCHRH_SIN		0.00	2290.92	-426.00	79.30	73.41	130.40	74.82	1.27	81.76	-166.82	-139.46	-30.13	-20.46	73.49	16.68	378.82
ROLLRH_COS		1418.17	-2042.94	460.55	-20.98	-73.05	-1208.50	-109.37	-25.79	101.26	122.93	212.13	-15.40	11.94	31.34	9.98	-714.60
ROLLRH_SIN		0.00	-7934.67	-544.13	-87.97	261.42	747.80	-47.54	-103.99	-59.63	27.26	8.63	-31.85	24.38	-45.01	-53.44	812.68
TORQ_COS		35531.54	319.46	-5.72	5.37	-37.44	115.63	4.89	0.03	-12.53	2.80	19.31	5.46	2.83	-0.78	-7.85	-16.53
TORQ_SIN		0.00	637.51	-23.97	18.81	15.73	28.10	7.32	10.77	8.63	-7.50	-49.76	5.40	-4.55	4.06	-1.07	4.22
THRUST_COS		5733.31	-42.00	15.41	-8.08	15.04	-11.76	1.07	6.02	2.33	-2.99	-32.52	1.38	1.12	0.48	-3.55	6.17
THRUST_SIN		0.00	-75.68	7.69	-0.36	17.17	-27.76	3.92	9.92	-3.11	3.53	-35.81	-2.82	-0.32	-2.30	8.89	-13.78

RUN	POINT	Harmonics															
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.97	49.44	-12.84	2.71	-64.80	29.84	4.62	-0.67	-2.25	-5.16	-9.44	0.24	-0.06	-1.01	-0.52	20.03
SIDERH_SIN		0.00	184.56	10.86	0.08	-58.61	-149.29	6.77	2.24	0.66	-1.43	0.48	1.63	-0.71	1.28	1.07	-24.16
DRAGRH_COS		-210.42	214.13	8.38	0.91	-4.70	39.33	-19.18	2.33	-0.19	1.43	21.31	3.29	-0.48	-1.18	-2.03	-32.62
DRAGRH_SIN		0.00	-68.02	16.41	2.12	30.53	138.71	-6.66	-0.29	-2.68	9.48	9.10	1.83	-1.01	-3.74	-0.68	-13.86

RUN	POINT	Harmonics															
58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.80	0.00	0.00	0.01	0.02	-0.03	-0.08	0.00	0.01	0.01	-0.01	-0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	-1.25	0.00	0.00	0.01	0.00	-0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.37	2.16	-1.10	1.36	-0.26	-0.22	0.15	0.59	-0.53	-2.20	0.02	0.16	0.28	-0.10	-0.83	0.42
ACT1FORCE_SIN		0.00	11.52	2.71	-5.67	0.08	0.48	0.02	0.35	0.03	0.25	0.27	0.03	-0.04	-0.11	0.20	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.64	-18.50	1.62	-213.61	5.32	5.68	0.32	0.03	0.08	0.21	-0.05	-0.03	-0.02	0.00	-0.02	0.03
FA1IBVOLTAGE_SIN		0.00	-69.87	-21.80	-186.61	3.21	-3.39	0.12	0.06	-0.05	-0.50	0.05	0.07	0.02	-0.02	-0.15	0.04
FA1OBCURRENT_COS		0.02	0.01	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.16	18.66	-1.58	214.85	-5.12	-5.60	0.43	-0.07	-0.09	-0.17	0.06	0.04	0.06	-0.02	0.01	-0.03
FA1OBVOLTAGE_SIN		0.00	69.99	21.75	186.37	-2.99	3.52	0.00	-0.05	0.10	0.49	-0.04	-0.06	-0.02	0.02	0.14	-0.03
MRBLD1CB42P75_COS		-3735.05	-1666.49	90.57	116.67	-21.82	-45.65	-28.80	-44.57	40.38	47.91	-6.90	-56.39	-23.17	12.19	56.57	-22.73
MRBLD1CB42P75_SIN		0.00	-105.87	-100.73	49.76	72.44	-16.16	22.15	2.88	-6.95	7.62	-41.21	52.69	8.45	16.93	53.72	14.96

RUN	POINT	Harmonics															
58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2861.47	-927.66	365.26	48.55	28.57	0.63	-24.59	-36.88	32.45	52.40	10.38	-28.19	-12.28	10.60	30.74	-21.11
MRBLD1CB70_SIN		0.00	-68.15	-87.63	48.55	193.30	-2.10	51.86	15.58	3.20	1.91	-40.80	39.89	8.22	10.38	44.79	11.51
MRBLD1CB120_COS		-529.61	-309.50	466.34	34.81	43.97	73.73	4.70	-12.74	-8.50	-29.86	20.78	24.23	10.70	-0.79	-6.13	-0.25
MRBLD1CB120_SIN		0.00	57.49	-124.24	14.08	194.99	9.08	59.45	13.90	26.69	-18.43	17.06	-24.58	0.36	-4.71	1.45	-2.37
MRBLD1CB164_COS		-1965.30	-90.51	143.63	-42.28	-6.14	32.40	9.34	11.26	-24.00	-43.65	6.18	21.64	12.83	3.23	-5.76	13.84
MRBLD1CB164_SIN		0.00	65.20	-37.57	-18.52	97.17	17.23	16.43	2.21	9.16	-22.96	25.47	-24.08	2.23	-0.98	-33.58	-9.41
MRBLD1FB42P75_COS		3002.87	199.31	-409.56	197.39	-80.37	26.82	-6.47	-136.99	-18.97	-81.16	9.21	-18.44	3.00	53.56	168.01	-0.67
MRBLD1FB42P75_SIN		0.00	16.87	-88.00	210.05	39.84	54.66	47.95	0.09	8.75	14.37	-8.17	52.59	25.75	-7.87	-47.77	45.78
MRBLD1FB70_COS		412.89	-68.70	-203.72	25.74	-34.63	4.88	1.80	-13.89	9.29	4.21	0.70	0.01	-0.52	-6.68	-36.14	-2.06
MRBLD1FB70_SIN		0.00	-145.59	-23.63	65.31	8.26	7.09	11.69	4.60	2.74	3.65	2.59	1.99	-0.98	2.44	6.39	-12.06
MRBLD1FB87_COS		-70.55	-36.58	-173.17	-18.57	-28.24	-11.02	-6.06	9.02	6.76	18.58	2.70	6.96	-0.02	-11.47	-33.39	1.16
MRBLD1FB87_SIN		0.00	-142.55	13.84	60.35	14.93	9.24	-0.41	-1.95	-7.55	-8.42	-1.87	-15.42	-6.35	0.47	13.24	-4.15
MRBLD1FB120_COS		-448.13	-32.75	-262.26	-48.26	7.01	-10.12	2.51	22.06	-16.07	-8.56	-2.07	-1.49	1.32	14.95	51.36	-2.66
MRBLD1FB120_SIN		0.00	-189.46	33.24	86.35	24.98	9.14	-8.56	-9.55	-3.81	3.27	1.41	5.31	4.70	-4.70	-21.59	4.34
MRBLD1FB164_COS		-97.50	-10.49	-336.82	142.80	79.70	40.26	16.78	-27.85	16.30	14.23	-1.65	-1.24	2.47	-5.12	-27.34	3.60
MRBLD1FB164_SIN		0.00	-216.43	-35.62	254.33	10.26	-51.36	-12.82	-0.97	6.10	0.91	-4.59	-11.06	-3.60	-3.22	8.24	2.12

RUN	POINT	Harmonics															
58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-158.27	-15.67	-189.35	127.90	73.67	25.11	-8.29	-29.48	15.95	25.89	7.33	11.11	5.85	15.91	64.53	-5.83
MRBLD1FB180_SIN		0.00	-148.41	-29.50	171.85	1.36	-44.63	2.85	9.10	-13.99	-25.26	-3.10	-26.53	-3.38	-4.64	-28.27	-0.78
MRBLD1TOR51_COS		-1381.19	38.28	32.56	98.08	-96.18	-8.46	33.06	1.64	4.88	-5.61	1.33	3.82	2.32	1.69	14.08	-1.14
MRBLD1TOR51_SIN		0.00	-51.86	-23.00	232.75	-4.85	-15.72	3.75	15.96	4.80	-3.53	-5.32	-3.09	-0.54	-0.09	4.38	-2.73
MRBLD1TOR71_COS		-240.78	50.68	18.71	83.79	-85.08	-5.84	33.35	7.13	3.99	-4.41	0.69	6.15	3.77	0.07	6.18	0.97
MRBLD1TOR71_SIN		0.00	-51.84	-22.98	204.74	-11.49	-16.16	3.37	19.13	6.77	-0.78	-3.20	-4.79	0.58	-0.85	4.37	-1.69
MRBLD1TOR130_COS		-0.81	44.58	40.29	88.33	-67.67	-6.67	25.46	4.20	5.32	-4.40	0.87	-5.38	-0.01	0.99	-6.48	-1.00
MRBLD1TOR130_SIN		0.00	-43.72	-23.98	189.68	-0.07	-12.83	3.17	14.06	9.22	1.12	-0.03	1.64	3.58	2.76	5.98	2.27
MRBLD1TOR164_COS		-206.17	29.79	76.85	52.12	-49.02	-13.17	5.34	1.52	6.09	7.53	2.37	-0.57	-0.14	3.83	5.75	-0.58
MRBLD1TOR164_SIN		0.00	-15.18	-8.95	100.16	-1.07	1.45	8.86	4.86	-1.62	-0.14	2.34	0.19	2.49	2.87	9.41	2.32
MRFBM1CB26P5_COS		-4429.47	-737.61	-11.69	70.27	-4.81	-18.43	0.23	-4.06	-1.01	-6.48	-5.16	-3.43	-1.34	1.68	8.52	-0.62
MRFBM1CB26P5_SIN		0.00	-118.10	-18.42	-1.28	-32.83	-10.63	-9.39	-2.52	-4.61	-0.14	0.99	0.87	0.42	2.03	5.36	1.59
MRFBM1FB9_COS		317.75	58.35	140.75	-21.40	15.54	2.31	3.96	5.21	-0.67	0.15	-1.16	2.43	0.93	-0.44	-1.66	1.35
MRFBM1FB9_SIN		0.00	-7.90	80.64	-71.19	-6.76	-6.53	-1.23	4.65	-0.09	0.99	0.68	-0.45	-0.29	-1.99	-4.58	-0.08
MRFBM1TOR26P5_COS		-341.56	90.70	-0.21	0.67	-1.54	0.29	0.38	0.06	0.15	0.05	0.00	0.15	0.04	-0.03	0.09	-0.01
MRFBM1TOR26P5_SIN		0.00	-87.70	-0.09	1.33	-0.39	-0.33	0.25	-0.02	0.14	0.04	0.04	0.01	-0.04	0.02	-0.33	-0.04

RUN	POINT	Harmonics															
58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-924.51	-1540.52	-3.33	157.77	-37.11	-40.18	-20.30	-39.85	17.58	10.72	-6.35	-38.58	-13.65	13.59	58.17	-20.72
MRPC1CB33P25_SIN		0.00	-55.64	-81.07	36.52	4.62	-10.39	9.74	-9.84	-8.30	-2.49	-18.16	35.40	8.04	14.25	46.47	14.40
MRPC1FB33P25_COS		2145.08	143.68	-327.52	123.40	-70.34	3.50	-22.32	-104.52	-19.03	-64.58	12.41	-46.92	-15.47	39.16	139.13	-44.14
MRPC1FB33P25_SIN		0.00	143.68	-132.58	204.35	21.63	53.25	32.75	-56.19	-4.08	-34.25	-3.31	26.76	20.22	37.28	121.19	28.06
MRPC1TOR25P5_COS		-792.48	-7.62	-66.86	-107.89	104.59	0.96	-43.60	-9.17	-7.53	4.95	-0.34	-12.10	-5.89	0.28	-10.31	-9.04
MRPC1TOR25P5_SIN		0.00	90.43	-24.16	-236.16	10.74	21.14	-1.33	-23.57	-7.68	0.89	2.54	8.53	2.55	1.52	21.78	10.28
MRPLK1LOAD_COS		-74.11	7.75	-5.68	-13.47	14.10	0.47	-5.96	-0.59	-1.07	0.89	0.07	-2.04	-0.53	-0.23	-3.27	-0.83
MRPLK1LOAD_SIN		0.00	-13.27	1.02	-31.68	1.61	3.23	-0.55	-2.37	-0.98	-0.29	0.50	0.41	0.57	0.06	3.80	1.50
PITCHRH_COS		8879.55	-8213.92	-261.96	-27.64	-118.76	-241.90	3.24	-51.00	122.38	-92.26	-262.49	-61.74	40.64	34.14	27.03	700.38
PITCHRH_SIN		0.00	2260.28	-459.04	49.47	113.38	-636.97	221.31	47.61	1.83	-94.03	-217.03	-41.80	-30.09	51.93	60.89	367.91
ROLLRH_COS		1371.65	-2046.11	459.21	-42.36	-40.57	124.96	-160.20	-26.78	169.25	72.02	151.93	3.41	20.96	41.67	-26.80	-540.30
ROLLRH_SIN		0.00	-7945.70	-526.07	-115.40	300.17	457.44	-62.97	-7.38	-84.93	-54.93	-99.64	-58.76	37.92	-10.32	-3.94	1174.38
TORQ_COS		36016.17	288.71	-2.50	-3.06	-66.52	128.95	2.26	-0.76	-6.41	-1.48	31.93	5.55	-1.28	1.00	-4.87	-1.54
TORQ_SIN		0.00	607.93	-15.92	10.80	-18.55	62.17	2.50	6.17	15.38	-7.16	-13.97	5.60	-9.39	4.83	1.05	5.17
THRUST_COS		5697.95	-40.52	16.86	-9.98	16.73	-15.87	-0.87	3.43	2.25	1.62	-9.31	4.47	-1.37	-0.91	-0.67	27.62
THRUST_SIN		0.00	-79.48	3.64	7.83	22.92	-20.50	1.18	4.38	-1.30	4.06	1.66	-3.10	-0.43	-1.30	10.10	-42.19

RUN	POINT	Harmonics															
58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.76	55.58	-13.02	0.52	-70.33	-39.84	7.52	-0.13	-3.38	-3.01	-8.03	-0.34	-0.58	-1.09	0.44	15.11
SIDERH_SIN		0.00	187.45	10.56	-2.98	-67.85	-64.08	7.39	0.32	2.11	2.30	1.32	3.70	-1.66	-0.23	-0.23	-33.22
DRAGRH_COS		-225.38	214.85	7.73	3.47	-5.31	83.59	-11.08	-0.15	1.16	5.63	26.21	6.11	-1.31	-1.55	-1.80	-33.76
DRAGRH_SIN		0.00	-68.20	16.79	1.54	22.13	50.24	-18.93	-1.72	-1.11	7.44	15.86	1.76	2.49	-2.17	-1.74	-15.68

RUN	POINT	Harmonics															
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-1.32	0.00	0.00	0.02	0.03	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.68	0.00	0.00	0.02	-0.01	-0.01	0.07	0.00	0.00	0.00	-0.01	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.37	2.15	-0.86	-3.52	-0.72	-0.02	0.21	0.87	-0.45	-0.09	0.16	-0.02	-0.14	-0.08	-0.11	-0.31
ACT1FORCE_SIN		0.00	11.46	3.48	-7.44	-0.93	0.69	0.39	-0.18	-0.02	1.90	0.07	0.00	-0.07	-0.32	0.20	-0.26
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.20	-20.44	-2.48	-266.52	11.43	4.29	0.15	0.04	0.08	-0.49	0.05	0.03	-0.03	0.09	-0.03	0.05
FA1IBVOLTAGE_SIN		0.00	-72.26	-24.36	-43.67	7.31	-7.68	-0.25	0.05	-0.10	-0.18	0.04	-0.07	-0.01	0.00	-0.02	-0.13
FA1OBCURRENT_COS		0.02	0.01	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.58	20.54	2.44	267.33	-11.20	-4.18	0.23	-0.11	-0.04	0.47	-0.04	-0.01	0.02	-0.07	0.03	-0.05
FA1OBVOLTAGE_SIN		0.00	72.39	24.36	43.20	-7.26	7.72	-0.32	-0.01	0.14	0.16	-0.06	0.05	-0.02	0.01	0.01	0.11
MRBLD1CB42P75_COS		-3738.20	-1610.58	105.99	123.10	-1.15	-61.67	-33.50	-83.82	59.82	61.38	-45.39	-39.32	-22.85	10.96	49.53	-19.42
MRBLD1CB42P75_SIN		0.00	22.90	-134.94	106.56	71.92	-14.76	17.66	-2.14	-11.06	19.20	-19.90	58.52	15.33	20.35	46.70	9.34

RUN	POINT	Harmonics															
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2870.01	-893.40	384.39	49.12	62.54	-14.53	-27.89	-63.17	44.11	61.32	-8.09	-16.82	-12.09	12.10	28.09	-18.75
MRBLD1CB70_SIN		0.00	23.66	-109.94	100.99	209.46	-2.28	29.59	18.80	-0.73	4.02	-18.30	44.61	11.84	12.25	39.64	5.56
MRBLD1CB120_COS		-517.75	-295.62	478.21	48.02	71.64	68.41	17.79	-31.89	-11.65	-27.16	35.53	17.87	13.06	1.83	-5.07	-2.32
MRBLD1CB120_SIN		0.00	95.82	-136.54	52.43	194.31	6.63	34.30	25.29	15.12	-4.95	7.54	-25.02	-3.79	-5.53	2.76	-2.56
MRBLD1CB164_COS		-1962.01	-87.87	145.70	-57.19	3.83	33.47	14.82	14.86	-30.11	-44.66	18.93	16.36	14.25	1.28	-4.55	11.24
MRBLD1CB164_SIN		0.00	68.38	-41.48	4.81	84.88	19.46	7.25	9.50	3.44	-7.61	11.12	-25.22	1.73	-0.45	-29.20	-6.59
MRBLD1FB42P75_COS		2996.44	180.16	-420.35	241.15	-102.15	33.17	14.86	-229.71	-5.10	-14.65	-30.60	-1.74	12.75	62.44	153.62	-6.09
MRBLD1FB42P75_SIN		0.00	-20.58	-105.67	302.78	-78.78	47.25	42.20	44.34	-30.05	53.67	12.35	48.08	27.08	-5.52	-38.25	40.19
MRBLD1FB70_COS		408.23	-65.30	-210.69	32.43	-39.34	4.79	5.67	-30.34	10.58	7.54	0.24	-0.71	-1.68	-8.26	-32.93	-0.61
MRBLD1FB70_SIN		0.00	-150.50	-29.98	99.62	-29.22	6.62	11.11	13.50	-0.55	5.50	4.08	2.30	-0.39	2.11	5.30	-11.27
MRBLD1FB87_COS		-74.30	-32.47	-178.25	-21.88	-33.34	-11.01	-6.19	17.82	4.34	6.53	11.62	2.58	-1.20	-12.78	-30.36	1.51
MRBLD1FB87_SIN		0.00	-149.83	13.15	81.95	-3.55	9.28	-0.75	-4.70	-1.40	-15.89	-7.11	-14.71	-7.17	0.26	11.56	-2.82
MRBLD1FB120_COS		-451.51	-27.91	-264.95	-62.83	3.84	-7.21	-1.85	47.27	-17.92	-12.49	-3.58	0.87	2.80	16.68	47.23	-2.07
MRBLD1FB120_SIN		0.00	-192.91	34.35	112.55	24.92	11.71	-7.22	-19.98	1.52	2.41	1.62	4.91	5.90	-4.14	-18.78	2.86
MRBLD1FB164_COS		-107.25	-5.33	-356.15	212.76	93.06	41.17	27.69	-65.20	20.34	16.07	4.61	-2.81	4.13	-4.94	-23.63	4.32
MRBLD1FB164_SIN		0.00	-219.06	-50.64	212.04	77.87	-66.28	-10.68	9.85	1.26	1.92	-7.14	-11.65	-6.41	-3.27	7.46	2.14

RUN	POINT	Harmonics															
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-160.48	-14.82	-208.90	192.10	89.65	22.34	-0.63	-57.40	17.90	10.80	28.11	4.19	6.75	18.18	60.71	-8.45
MRBLD1FB180_SIN		0.00	-144.94	-46.43	119.55	48.74	-53.31	1.22	19.75	-12.53	-30.94	-16.24	-25.45	-1.60	-4.70	-23.50	0.86
MRBLD1TOR51_COS		-1381.59	38.56	21.90	193.26	-84.66	-14.23	31.86	-13.68	9.16	9.29	5.67	3.29	1.21	2.60	14.87	-3.27
MRBLD1TOR51_SIN		0.00	-49.55	-49.26	186.69	25.51	-13.44	-5.24	19.82	1.15	0.24	-4.52	-1.88	-0.49	-2.14	5.55	-4.27
MRBLD1TOR71_COS		-242.04	50.48	7.95	172.45	-74.85	-11.44	31.40	-2.94	5.92	7.15	6.40	5.15	2.58	0.56	8.02	-1.17
MRBLD1TOR71_SIN		0.00	-51.62	-46.30	156.04	19.73	-13.87	-4.63	23.04	4.41	-0.08	-2.73	-3.05	0.28	-2.38	4.33	-2.82
MRBLD1TOR130_COS		-1.82	44.17	29.50	173.22	-56.53	-11.48	24.15	-6.74	7.52	2.59	-0.87	-3.25	-0.32	0.13	-5.50	-1.07
MRBLD1TOR130_SIN		0.00	-42.51	-45.57	134.33	33.43	-10.41	-2.62	17.90	5.92	4.76	-1.04	4.49	4.43	3.63	3.87	2.38
MRBLD1TOR164_COS		-205.61	28.15	71.12	105.83	-40.41	-17.53	5.66	-1.45	4.77	5.74	3.82	0.29	0.59	3.43	4.51	0.16
MRBLD1TOR164_SIN		0.00	-14.44	-21.84	59.97	10.46	4.63	4.57	9.59	-1.58	-4.30	2.41	1.62	3.07	4.66	7.72	4.23
MRFBM1CB26P5_COS		-4432.05	-716.79	-6.19	78.32	-8.90	-19.07	0.04	-7.53	1.33	-4.63	-9.60	-2.23	-0.87	1.69	7.23	-1.02
MRFBM1CB26P5_SIN		0.00	-60.65	-31.39	6.58	-33.41	-10.18	-5.17	-5.40	-5.26	3.37	-1.05	0.76	0.74	2.47	5.26	1.57
MRFBM1FB9_COS		315.35	32.84	142.20	-21.21	12.53	1.46	2.35	10.48	-2.31	-0.23	0.39	1.98	0.98	-0.37	-1.40	1.07
MRFBM1FB9_SIN		0.00	-31.74	94.74	-99.40	6.15	-6.18	-2.52	6.04	0.35	-1.40	1.04	-0.93	-0.71	-2.19	-4.18	0.06
MRFBM1TOR26P5_COS		-341.57	90.58	-0.34	1.22	-1.39	0.19	0.29	-0.02	0.15	0.16	0.07	0.06	0.02	-0.04	0.05	0.02
MRFBM1TOR26P5_SIN		0.00	-88.04	-0.30	0.98	0.29	-0.32	0.18	-0.02	0.13	0.07	0.06	-0.11	-0.03	-0.04	-0.24	-0.03

RUN	POINT	Harmonics															
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-929.91	-1484.37	7.19	173.85	-27.78	-50.36	-17.13	-77.04	34.98	23.91	-37.31	-25.95	-12.57	13.95	51.12	-18.64
MRPC1CB33P25_SIN		0.00	54.53	-113.65	78.46	-9.10	-7.55	12.52	-14.08	-16.93	15.47	-8.24	39.47	13.12	18.01	42.57	9.54
MRPC1FB33P25_COS		2137.97	131.30	-330.40	138.08	-59.87	10.41	-3.05	-193.04	9.82	-36.46	-28.17	-31.09	-9.55	42.50	122.82	-42.28
MRPC1FB33P25_SIN		0.00	110.68	-146.11	290.77	-81.05	49.78	34.80	-58.55	-26.56	28.81	-11.08	34.48	27.67	45.86	112.26	19.48
MRPC1TOR25P5_COS		-792.65	-9.98	-51.14	-211.86	95.67	6.60	-42.46	4.83	-9.91	-10.99	-9.09	-8.06	-4.15	-0.90	-10.96	-6.77
MRPC1TOR25P5_SIN		0.00	84.85	3.84	-183.81	-24.51	19.02	7.62	-28.14	-4.50	-0.41	1.77	10.16	3.61	5.93	15.23	10.29
MRPLK1LOAD_COS		-74.16	7.89	-3.95	-26.91	12.77	1.31	-5.65	1.48	-1.38	-1.57	-1.06	-1.23	-0.27	-0.36	-2.90	-0.72
MRPLK1LOAD_SIN		0.00	-13.60	4.60	-24.78	-2.96	2.92	0.83	-3.05	-0.44	-0.76	0.26	1.07	0.64	0.82	2.53	1.45
PITCHRH_COS		9291.76	-8222.80	-293.88	-41.83	-97.73	-690.14	-35.42	-27.75	78.81	-35.02	-330.48	-52.80	25.44	17.93	6.65	633.65
PITCHRH_SIN		0.00	2279.05	-515.31	29.63	131.34	-994.27	257.67	87.65	-36.08	-16.93	-5.33	-38.20	-30.95	-3.31	37.31	291.47
ROLLRH_COS		1907.07	-2048.44	449.69	-78.02	13.46	714.28	-155.36	-46.27	166.88	-2.58	79.46	-8.95	52.75	29.72	-25.81	-489.89
ROLLRH_SIN		0.00	-7926.34	-555.89	-99.77	266.65	147.58	-52.53	22.89	-89.32	-51.00	-0.79	-46.12	20.90	-10.29	-2.76	990.77
TORQ_COS		35825.40	302.85	0.11	-9.67	-85.29	154.66	1.22	-2.53	-8.75	-2.94	44.49	4.65	-2.52	-1.05	-4.93	-4.44
TORQ_SIN		0.00	636.21	-11.87	-1.46	-33.84	64.82	2.45	18.63	9.46	-6.19	-11.58	5.79	-7.83	3.92	-1.87	3.34
THRUST_COS		5688.42	-43.22	12.60	-9.81	18.01	-9.95	-1.94	8.65	2.71	0.60	14.28	2.97	-2.30	-0.82	-2.27	19.06
THRUST_SIN		0.00	-82.15	0.16	13.23	22.34	-12.04	0.88	10.48	0.11	1.92	0.67	-0.25	-0.17	1.81	6.72	-32.43

RUN	POINT	Harmonics															
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.05	52.60	-12.44	-1.23	-68.50	-71.63	7.28	0.69	-3.39	0.20	-7.80	0.03	-2.01	-0.67	0.57	13.60
SIDERH_SIN		0.00	180.68	11.78	-3.70	-56.48	-10.05	5.40	-1.60	2.82	2.14	-0.80	2.84	-0.90	-0.16	-0.44	-28.21
DRAGRH_COS		-224.33	213.98	9.37	4.02	-4.34	114.66	-6.56	-3.02	1.10	3.47	27.22	5.16	0.67	-0.17	-0.49	-30.22
DRAGRH_SIN		0.00	-68.34	16.40	-0.13	16.10	-4.42	-20.63	0.22	-1.16	1.89	8.87	1.63	2.36	-0.47	-0.73	-11.70

RUN	POINT	Harmonics															
58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.03	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.01	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.02	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.60	2.06	-1.56	5.06	-0.93	-0.39	0.35	0.10	-0.48	-0.51	-0.03	0.21	0.20	-0.04	-0.59	-0.80
ACT1FORCE_SIN		0.00	11.36	1.49	-1.75	1.53	0.09	-0.29	0.54	0.26	-1.72	0.43	-0.17	0.18	-0.09	0.08	0.43
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.15	-17.41	7.79	-101.57	6.63	4.87	0.08	-0.07	-0.04	0.49	-0.11	-0.08	-0.04	-0.01	-0.01	-0.12
FA1IBVOLTAGE_SIN		0.00	-65.46	-12.71	-279.26	-6.55	0.96	0.45	0.08	0.01	0.25	0.02	0.01	0.00	-0.10	-0.15	-0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.63	17.56	-7.71	102.57	-6.54	-4.92	0.23	0.00	-0.01	-0.47	0.09	0.06	0.01	0.02	0.02	0.11
FA1OBVOLTAGE_SIN		0.00	65.60	12.65	279.80	6.90	-0.83	0.35	-0.03	-0.01	-0.21	-0.01	-0.02	0.02	0.07	0.14	0.18
MRBLD1CB42P75_COS		-3858.65	-1385.28	111.24	150.71	-48.07	-48.88	-26.54	8.55	20.22	63.36	-14.90	-57.35	-16.77	15.45	53.70	-18.92
MRBLD1CB42P75_SIN		0.00	0.35	-48.55	-17.84	80.88	-14.49	11.95	31.62	-3.12	-13.88	41.33	24.04	14.19	20.81	59.87	9.01

RUN	POINT	Harmonics															
58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2819.31	-749.06	362.15	93.64	-5.86	-4.55	-48.32	2.85	19.66	62.62	10.31	-29.89	-9.71	14.18	29.09	-17.39
MRBLD1CB70_SIN		0.00	4.53	-57.95	-1.62	179.42	-4.72	71.97	33.88	6.57	-17.06	4.82	19.44	12.89	12.92	45.95	5.57
MRBLD1CB120_COS		-514.62	-244.61	458.63	60.61	10.24	62.28	-43.43	6.58	-15.50	-24.18	23.55	24.97	7.18	-0.94	-4.91	-1.50
MRBLD1CB120_SIN		0.00	99.50	-114.73	-29.65	205.30	0.36	90.11	26.16	27.42	-18.57	-27.44	-14.71	-4.03	-3.63	2.22	-0.84
MRBLD1CB164_COS		-1955.64	-81.84	142.18	-9.30	-33.83	29.64	-16.62	2.62	-23.64	-43.11	7.05	22.23	10.80	-0.72	-5.32	8.75
MRBLD1CB164_SIN		0.00	82.59	-41.26	-37.64	112.17	10.00	33.63	-1.93	8.46	-14.02	-8.51	-13.51	1.45	-2.41	-31.64	-6.84
MRBLD1FB42P75_COS		3025.11	117.81	-360.05	215.17	-130.93	11.79	-16.63	9.06	-50.63	-55.95	32.79	-28.24	11.83	66.41	179.69	-2.91
MRBLD1FB42P75_SIN		0.00	3.88	-71.20	30.20	235.16	58.80	18.59	14.52	34.82	-16.35	54.16	36.59	20.93	-7.10	-34.40	39.97
MRBLD1FB70_COS		408.53	-71.64	-186.65	42.48	-53.26	0.88	-2.11	12.19	4.26	3.58	1.94	-0.24	-1.15	-9.16	-38.24	-1.63
MRBLD1FB70_SIN		0.00	-141.40	-16.63	1.60	66.27	6.74	4.62	7.26	7.27	-0.12	3.32	2.32	0.14	2.61	3.70	-11.25
MRBLD1FB87_COS		-77.77	-40.78	-163.89	-2.26	-38.05	-12.57	-7.82	-3.14	12.00	13.10	-4.72	9.29	-1.33	-13.32	-35.98	0.87
MRBLD1FB87_SIN		0.00	-142.43	15.84	23.15	41.87	7.95	-0.63	-4.45	-10.31	-1.77	-18.40	-11.88	-6.36	1.01	11.35	-2.25
MRBLD1FB120_COS		-457.38	-30.95	-252.61	-20.98	6.91	-7.00	4.74	-12.81	-8.50	-7.72	0.09	-2.34	2.50	17.47	54.64	-1.79
MRBLD1FB120_SIN		0.00	-200.05	37.24	51.76	26.44	3.72	-1.28	-14.09	-8.66	8.82	8.11	4.05	4.08	-5.76	-18.35	3.33
MRBLD1FB164_COS		-101.30	-3.35	-302.37	61.58	129.31	39.87	15.03	13.59	6.97	13.87	-4.16	0.80	2.11	-4.53	-28.13	2.46
MRBLD1FB164_SIN		0.00	-235.09	7.85	244.70	-80.21	-47.75	-16.96	7.93	8.77	-3.48	-14.01	-7.02	-3.55	-3.05	7.34	5.23

RUN	POINT	Harmonics															
58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-155.37	-8.33	-160.80	45.44	100.25	28.57	-9.83	4.03	12.64	22.55	-9.98	15.39	6.03	17.10	71.34	-5.46
MRBLD1FB180_SIN		0.00	-164.80	4.78	186.66	-63.36	-46.21	-1.35	18.40	-12.85	-17.23	-33.23	-17.59	-2.50	-5.13	-24.29	-2.01
MRBLD1TOR51_COS		-1370.82	45.18	36.49	-3.13	-87.17	-9.90	27.51	31.78	0.27	-2.22	2.88	4.33	2.99	2.28	13.91	-3.77
MRBLD1TOR51_SIN		0.00	-43.04	7.81	215.82	-29.21	-8.08	-3.26	22.21	9.40	-15.97	-8.74	-2.72	1.05	0.54	7.90	-2.02
MRBLD1TOR71_COS		-231.14	54.36	21.82	-14.00	-73.49	-6.43	29.12	28.96	1.31	-3.28	2.49	6.55	3.39	0.35	7.05	-1.99
MRBLD1TOR71_SIN		0.00	-45.31	4.47	195.95	-39.51	-9.13	-1.91	21.55	10.49	-10.77	-9.81	-3.40	1.16	-0.61	6.29	-0.09
MRBLD1TOR130_COS		8.92	49.53	40.93	-12.69	-53.72	-6.38	21.95	21.83	0.48	-2.51	-0.71	-3.87	0.02	0.64	-5.27	-1.35
MRBLD1TOR130_SIN		0.00	-37.27	3.50	191.62	-34.71	-6.32	0.36	17.00	11.29	-4.92	1.54	-0.69	3.23	3.43	4.17	2.72
MRBLD1TOR164_COS		-199.61	34.48	72.63	-15.22	-51.31	-12.10	2.65	9.34	5.49	3.00	2.21	0.20	0.24	4.43	6.56	1.00
MRBLD1TOR164_SIN		0.00	-8.67	5.11	108.45	-13.88	4.04	6.87	4.17	-0.44	1.18	-1.49	-0.29	1.14	3.64	8.78	2.71
MRFBM1CB26P5_COS		-4502.13	-601.12	0.57	62.24	2.97	-17.79	6.26	0.19	-3.01	-4.68	-7.15	-3.04	-0.17	1.68	8.11	-0.82
MRFBM1CB26P5_SIN		0.00	-60.45	1.19	-13.06	-29.48	-9.54	-16.98	-0.28	-4.21	-0.21	8.74	0.23	0.19	2.71	6.92	1.92
MRFBM1FB9_COS		320.84	-48.80	118.01	-44.50	29.56	3.24	4.08	-0.25	1.02	-1.37	0.57	2.18	0.78	-0.44	-1.33	0.94
MRFBM1FB9_SIN		0.00	2.30	56.30	-28.91	-24.62	-5.67	2.53	-1.43	0.33	1.16	-1.83	0.32	-0.76	-2.31	-4.86	0.11
MRFBM1TOR26P5_COS		-343.38	89.78	-0.27	0.07	-1.30	0.31	0.28	0.27	0.14	0.13	0.09	0.07	0.04	-0.03	0.04	0.01
MRFBM1TOR26P5_SIN		0.00	-87.19	-0.03	1.23	-0.99	-0.26	0.10	0.02	0.18	-0.12	0.01	0.10	0.02	-0.05	-0.27	-0.08

RUN	POINT	Harmonics															
58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-864.63	-1291.81	25.22	168.56	-53.51	-42.04	-14.82	7.88	-0.87	25.19	-11.77	-38.79	-8.32	16.58	56.12	-17.61
MRPC1CB33P25_SIN		0.00	26.33	-32.32	-22.93	31.65	-10.08	-9.44	15.58	-3.95	-16.34	41.87	15.44	11.23	18.62	54.59	9.86
MRPC1FB33P25_COS		2146.14	71.40	-286.30	174.67	-157.83	-8.03	-20.49	1.24	-53.64	-30.45	-6.62	-42.47	-6.79	46.71	133.94	-40.51
MRPC1FB33P25_SIN		0.00	126.57	-117.17	61.75	169.72	49.40	9.00	11.82	1.30	-44.06	55.67	7.79	22.82	47.53	138.32	22.78
MRPC1TOR25P5_COS		-807.74	-21.00	-64.16	5.27	87.75	3.86	-37.51	-37.65	-4.57	2.48	-4.61	-11.56	-5.58	0.37	-9.11	-7.23
MRPC1TOR25P5_SIN		0.00	82.14	-60.22	-221.81	42.13	10.95	6.57	-26.69	-12.91	14.64	13.03	3.13	0.48	2.69	17.00	10.00
MRPLK1LOAD_COS		-78.43	7.43	-6.01	1.11	12.03	0.56	-4.97	-4.96	-0.59	0.21	-0.55	-1.70	-0.59	-0.21	-2.76	-0.87
MRPLK1LOAD_SIN		0.00	-14.39	-2.98	-29.48	5.25	2.10	0.48	-2.91	-1.75	1.90	1.42	-0.26	0.01	0.40	2.83	1.70
PITCHRH_COS		10178.74	-8227.68	-337.59	-32.43	-120.27	190.44	111.86	-63.80	71.66	-25.71	-127.40	-43.84	33.80	33.18	47.74	705.22
PITCHRH_SIN		0.00	2200.85	-458.97	63.61	67.22	150.59	85.19	18.99	110.27	-149.31	-195.59	-29.92	-34.24	65.45	41.61	435.52
ROLLRH_COS		1281.72	-1974.28	513.02	-10.92	-98.65	-1074.93	-140.35	-29.78	121.89	114.61	193.82	-10.35	30.86	41.18	22.49	-704.02
ROLLRH_SIN		0.00	-7936.36	-561.53	-113.26	247.18	491.97	-95.95	-71.98	-71.10	22.21	-33.01	-20.30	4.11	-49.19	-23.35	995.39
TORQ_COS		34956.56	310.66	-1.75	1.56	-58.11	131.32	1.89	0.16	-8.40	2.61	30.16	5.71	-0.20	1.62	-6.87	-8.68
TORQ_SIN		0.00	635.69	-21.36	16.36	6.48	34.03	9.11	13.26	10.86	-5.74	-44.30	5.03	-5.37	6.11	-0.64	4.82
THRUST_COS		5708.03	-47.04	14.94	-9.54	16.36	-16.33	1.24	5.36	2.35	-3.51	-17.00	0.54	-0.05	-0.30	-4.18	21.15
THRUST_SIN		0.00	-75.35	7.17	-0.49	19.65	-26.49	3.09	10.29	-2.66	5.08	-29.10	-3.77	0.30	-1.14	10.54	-25.99

RUN	POINT	Harmonics															
58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.08	52.79	-14.45	3.17	-61.24	35.03	5.26	-0.31	-2.25	-4.94	-8.73	0.22	-0.80	-1.14	-1.15	19.63
SIDERH_SIN		0.00	183.15	11.85	1.17	-65.35	-127.94	8.16	1.45	1.27	-1.09	1.90	1.00	0.20	1.25	0.29	-29.11
DRAGRH_COS		-202.06	213.01	9.14	1.57	-6.97	36.11	-17.11	0.66	-0.60	2.32	23.43	2.71	0.96	-1.52	-2.42	-33.40
DRAGRH_SIN		0.00	-65.95	17.82	2.75	28.18	115.75	-8.14	-1.05	-3.32	7.85	12.46	1.35	-0.45	-3.77	-1.72	-16.66

RUN	POINT	Harmonics															
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.01	0.00	0.00	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.00	-0.07	0.01	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.96	2.00	-0.95	5.09	-0.74	-0.46	0.44	0.18	-0.44	-0.46	-0.01	0.22	0.18	-0.01	-0.56	-0.78
ACT1FORCE_SIN		0.00	11.29	1.39	-1.78	1.64	0.18	-0.19	0.58	0.22	-1.78	0.34	-0.12	0.21	-0.04	0.08	0.44
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.94	-16.44	3.77	-100.38	5.34	5.95	0.06	-0.06	-0.03	0.51	-0.09	-0.09	-0.04	-0.04	-0.01	-0.12
FA1IBVOLTAGE_SIN		0.00	-64.90	-11.37	-280.65	-7.16	0.59	0.48	0.08	0.01	0.27	0.03	0.01	0.00	-0.09	-0.15	-0.18
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.84	16.62	-3.67	101.73	-5.24	-5.98	0.25	0.01	-0.02	-0.49	0.07	0.06	0.00	0.04	0.01	0.12
FA1OBVOLTAGE_SIN		0.00	65.02	11.30	281.07	7.52	-0.45	0.34	-0.03	0.00	-0.22	-0.02	-0.03	0.03	0.07	0.13	0.16
MRBLD1CB42P75_COS		-3862.71	-1417.02	69.69	132.91	-53.48	-46.76	-27.73	5.61	17.20	58.92	-23.10	-52.26	-15.71	9.85	36.92	-10.93
MRBLD1CB42P75_SIN		0.00	-5.05	-47.26	-14.48	74.33	-14.92	9.32	26.37	-9.31	-12.04	21.46	18.24	10.78	22.08	59.76	-0.13

RUN	POINT	Harmonics															
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2805.15	-767.86	337.95	73.32	-23.56	-3.56	-42.45	-2.06	15.34	57.07	5.03	-27.51	-9.56	10.23	17.29	-10.22
MRBLD1CB70_SIN		0.00	8.42	-58.12	0.94	178.81	-10.00	68.04	27.84	2.51	-13.55	-9.44	15.61	8.86	15.09	45.71	-3.39
MRBLD1CB120_COS		-526.68	-249.98	448.24	44.10	-3.58	62.58	-32.61	2.57	-9.81	-19.28	29.57	22.34	6.27	0.68	-3.76	0.85
MRBLD1CB120_SIN		0.00	109.96	-116.26	-26.46	209.42	-2.56	88.81	21.93	27.08	-20.52	-15.49	-12.64	-2.24	-2.15	2.29	-0.11
MRBLD1CB164_COS		-1958.52	-81.42	143.38	-16.44	-36.14	29.35	-12.60	1.71	-17.95	-36.90	9.87	20.06	10.11	1.41	0.36	1.36
MRBLD1CB164_SIN		0.00	87.69	-42.10	-37.17	114.24	6.94	33.37	-2.48	8.96	-18.13	3.81	-10.46	4.47	-3.85	-31.73	-2.81
MRBLD1FB42P75_COS		3030.13	123.36	-388.15	177.37	-96.99	8.36	-26.82	-7.96	-47.39	-57.08	25.86	-31.91	9.28	61.76	160.17	-6.83
MRBLD1FB42P75_SIN		0.00	4.23	-64.32	54.05	234.76	84.40	22.23	9.20	17.65	-29.29	53.44	30.76	19.93	1.45	-6.40	14.62
MRBLD1FB70_COS		411.31	-72.36	-197.22	28.63	-42.89	0.72	-2.93	10.05	4.25	3.25	1.54	0.27	-0.48	-8.19	-33.96	-0.62
MRBLD1FB70_SIN		0.00	-143.05	-14.31	8.00	64.94	12.11	5.37	6.63	5.79	-0.39	3.14	2.53	0.44	1.64	-1.32	-5.74
MRBLD1FB87_COS		-74.64	-39.69	-167.74	-10.17	-32.42	-11.98	-6.45	-0.59	12.25	13.53	-2.67	9.76	-0.66	-12.23	-32.40	0.93
MRBLD1FB87_SIN		0.00	-144.01	17.53	26.17	40.76	8.20	-0.96	-4.44	-8.07	0.57	-17.18	-10.16	-6.02	-0.62	5.75	2.71
MRBLD1FB120_COS		-454.54	-31.86	-254.88	-29.10	5.63	-9.32	4.28	-11.77	-10.37	-7.96	-1.23	-3.66	0.86	16.16	49.45	-1.62
MRBLD1FB120_SIN		0.00	-203.65	38.84	53.95	25.87	0.91	-0.86	-13.36	-5.96	9.32	7.48	3.16	3.48	-4.75	-11.25	-4.29
MRBLD1FB164_COS		-98.87	-7.02	-318.33	50.83	109.08	38.78	17.78	10.95	9.07	12.63	-4.84	0.70	2.50	-4.31	-26.52	1.01
MRBLD1FB164_SIN		0.00	-240.14	11.34	246.57	-79.57	-50.01	-16.34	6.67	3.07	-4.31	-12.57	-5.51	-3.17	-4.16	4.05	8.97

RUN	POINT	Harmonics															
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-154.16	-11.92	-173.53	40.33	84.90	27.46	-8.34	2.07	12.92	21.08	-7.93	14.31	4.23	15.77	63.79	-4.79
MRBLD1FB180_SIN		0.00	-166.69	7.74	187.17	-62.45	-44.50	0.35	15.91	-14.88	-12.16	-28.40	-14.94	-5.07	-7.58	-16.47	-9.67
MRBLD1TOR51_COS		-1370.76	44.47	29.58	-8.62	-85.85	-9.36	30.08	31.17	0.49	-3.42	1.85	3.96	3.30	2.84	10.49	-2.65
MRBLD1TOR51_SIN		0.00	-43.70	8.13	216.89	-28.00	-8.68	-8.41	19.55	7.44	-15.90	-8.64	-2.63	-0.36	-0.28	8.71	-3.09
MRBLD1TOR71_COS		-231.02	53.59	16.69	-17.15	-72.71	-5.37	31.71	28.98	1.18	-4.31	2.20	6.25	3.75	1.31	5.52	-0.94
MRBLD1TOR71_SIN		0.00	-45.87	4.47	196.43	-38.46	-10.14	-6.45	19.76	9.34	-10.40	-9.03	-3.02	0.35	-1.31	6.07	-0.30
MRBLD1TOR130_COS		9.01	49.10	37.32	-13.98	-54.64	-4.98	24.11	21.69	1.07	-2.28	-0.79	-3.55	-0.08	0.23	-4.83	-1.55
MRBLD1TOR130_SIN		0.00	-37.64	3.29	191.99	-34.62	-7.91	-3.24	15.65	9.82	-5.49	1.44	-0.86	3.90	3.97	2.79	2.87
MRBLD1TOR164_COS		-200.13	34.42	73.74	-14.29	-49.13	-11.42	3.59	9.27	4.72	2.69	2.09	-0.22	-0.29	3.66	5.64	1.92
MRBLD1TOR164_SIN		0.00	-8.00	4.93	108.57	-13.41	3.68	4.78	3.45	-0.22	1.65	-1.01	-0.58	1.60	4.34	8.08	2.15
MRFBM1CB26P5_COS		-4504.10	-612.71	-17.91	61.87	4.14	-17.06	4.25	0.55	-2.39	-3.85	-7.51	-2.67	-0.21	1.25	6.42	0.13
MRFBM1CB26P5_SIN		0.00	-62.89	0.70	-11.93	-33.27	-8.11	-16.66	0.06	-5.23	-0.68	8.19	-0.08	0.50	2.36	6.78	1.72
MRFBM1FB9_COS		324.74	-42.07	140.00	-32.62	26.52	4.58	4.94	0.27	0.52	-1.49	0.56	1.92	0.82	-0.07	-0.44	0.12
MRFBM1FB9_SIN		0.00	1.20	55.52	-31.23	-26.09	-7.35	2.34	-0.52	0.61	1.41	-1.21	0.49	-0.57	-2.19	-4.35	0.17
MRFBM1TOR26P5_COS		-343.37	89.95	-0.21	0.05	-1.33	0.32	0.33	0.29	0.12	0.07	0.08	0.07	0.05	-0.01	0.04	-0.02
MRFBM1TOR26P5_SIN		0.00	-87.08	-0.06	1.25	-0.96	-0.30	0.05	0.03	0.19	-0.12	-0.01	0.12	-0.01	-0.06	-0.22	-0.10

RUN	POINT	Harmonics															
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-856.58	-1323.93	-16.17	156.02	-51.17	-41.82	-18.35	5.32	-0.74	24.57	-17.73	-35.82	-8.42	11.75	40.65	-9.64
MRPC1CB33P25_SIN		0.00	19.56	-27.65	-18.46	25.13	-6.62	-10.60	11.85	-9.51	-17.01	30.06	10.77	9.05	19.08	55.39	1.73
MRPC1FB33P25_COS		2150.70	74.79	-310.23	138.95	-131.51	-18.49	-29.77	-10.04	-43.28	-24.98	-11.48	-40.72	-7.63	37.41	98.63	-19.70
MRPC1FB33P25_SIN		0.00	127.84	-115.49	75.47	176.91	69.23	8.71	0.56	-9.84	-53.71	50.38	1.56	20.53	49.86	137.82	4.75
MRPC1TOR25P5_COS		-807.17	-20.60	-58.05	8.94	86.09	2.45	-40.54	-37.29	-4.42	4.18	-3.86	-10.61	-5.94	-0.97	-8.89	-4.78
MRPC1TOR25P5_SIN		0.00	82.73	-59.79	-221.75	41.89	12.00	12.08	-24.08	-11.15	14.80	11.77	2.24	2.35	4.74	13.47	9.07
MRPLK1LOAD_COS		-78.38	7.35	-5.29	1.71	11.82	0.40	-5.43	-4.90	-0.56	0.52	-0.38	-1.66	-0.71	-0.38	-2.54	-0.47
MRPLK1LOAD_SIN		0.00	-14.12	-3.18	-29.68	5.16	2.26	1.24	-2.59	-1.48	1.91	1.41	-0.42	0.34	0.68	2.03	1.79
PITCHRH_COS		10006.67	-8217.67	-328.43	-31.18	-130.88	250.45	124.99	-65.52	34.62	-32.00	-73.91	-50.19	28.57	26.79	35.53	624.13
PITCHRH_SIN		0.00	2202.49	-456.52	64.40	91.56	84.76	122.34	-13.59	102.57	-150.04	-255.56	-26.88	-30.46	40.63	18.83	508.51
ROLLRH_COS		1293.70	-1995.70	514.74	-10.51	-84.70	-1025.76	-143.74	-44.10	103.77	95.68	204.01	-9.18	29.90	24.16	20.07	-784.29
ROLLRH_SIN		0.00	-7923.32	-561.52	-115.74	253.49	701.67	-54.30	-38.26	-80.83	-0.51	-14.49	-31.94	22.37	-37.03	-25.23	827.90
TORQ_COS		35007.19	298.68	-9.23	1.62	-42.15	117.64	2.29	-6.98	-7.79	0.85	31.31	4.10	1.08	-0.18	-8.33	-13.38
TORQ_SIN		0.00	634.40	-23.65	14.85	26.11	41.35	4.70	7.54	15.04	-6.72	-41.16	5.25	-5.03	5.56	-1.21	2.52
THRUST_COS		5714.43	-46.97	15.78	-8.94	14.25	-16.14	1.12	0.49	3.39	-1.85	-15.35	1.45	0.42	0.93	-5.44	16.34
THRUST_SIN		0.00	-74.63	7.63	0.67	16.64	-33.11	3.01	8.93	-3.92	4.95	-27.11	-2.96	-0.03	0.17	8.98	-13.50

RUN	POINT	Harmonics															
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.99	55.84	-14.23	2.73	-62.17	21.95	6.70	0.08	-1.45	-3.77	-8.91	0.17	-0.87	-0.56	-1.01	21.87
SIDERH_SIN		0.00	182.91	11.80	0.41	-61.55	-136.32	7.25	1.30	1.50	-0.18	0.83	1.75	-0.57	0.97	0.30	-24.46
DRAGRH_COS		-202.95	213.04	8.67	1.47	-5.72	45.72	-20.03	3.01	-0.89	2.26	19.30	3.49	0.10	-0.46	-1.67	-30.38
DRAGRH_SIN		0.00	-66.33	18.11	3.02	29.69	114.51	-11.06	-1.95	-3.46	8.65	16.04	1.07	0.01	-2.71	-0.80	-20.00

RUN	POINT	Harmonics															
58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.02	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.06	2.10	-1.13	5.25	-0.67	-0.51	0.47	0.18	-0.42	-0.49	0.01	0.18	0.18	-0.04	-0.58	-0.83
ACT1FORCE_SIN		0.00	11.26	1.41	-1.59	1.69	0.11	-0.32	0.58	0.35	-1.65	0.38	-0.18	0.12	-0.06	0.16	0.51
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.58	-17.36	4.94	-100.33	4.94	6.09	0.06	-0.07	-0.06	0.48	-0.10	-0.07	-0.03	-0.02	-0.03	-0.13
FA1IBVOLTAGE_SIN		0.00	-64.78	-11.88	-281.84	-7.23	0.87	0.47	0.10	0.00	0.27	0.01	0.01	-0.01	-0.10	-0.16	-0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.20	17.54	-4.84	101.69	-4.83	-6.12	0.24	0.01	-0.01	-0.48	0.08	0.05	-0.01	0.02	0.03	0.13
FA1OBVOLTAGE_SIN		0.00	64.90	11.81	282.26	7.58	-0.73	0.36	-0.04	0.00	-0.23	-0.01	-0.02	0.03	0.07	0.15	0.17
MRBLD1CB42P75_COS		-3851.90	-1285.48	83.32	145.77	-54.73	-48.09	-32.43	-0.17	18.96	57.71	-30.17	-49.06	-14.79	12.76	46.53	-7.49
MRBLD1CB42P75_SIN		0.00	31.63	-48.65	-7.56	83.47	-9.88	13.06	28.96	-7.98	-16.89	11.71	23.93	12.35	19.82	49.87	1.30

RUN	POINT	Harmonics															
58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2810.17	-689.08	338.60	81.83	-16.80	-0.31	-45.42	-5.54	18.29	56.41	-7.58	-25.40	-8.98	11.03	24.60	-7.14
MRBLD1CB70_SIN		0.00	25.16	-58.64	11.54	183.53	-2.65	79.70	32.64	2.37	-19.08	-19.39	18.80	10.38	13.39	38.11	-3.47
MRBLD1CB120_COS		-524.39	-221.30	440.58	51.30	11.33	65.19	-37.45	-1.51	-11.69	-19.98	35.09	20.75	6.47	0.23	-3.74	0.05
MRBLD1CB120_SIN		0.00	108.05	-114.10	-14.58	218.07	2.31	104.13	25.70	27.12	-17.56	-10.61	-13.73	-2.72	-2.78	2.76	0.40
MRBLD1CB164_COS		-1955.87	-74.93	138.13	-12.10	-27.78	31.33	-11.65	1.79	-21.32	-38.26	20.83	18.81	9.91	1.12	-4.33	0.32
MRBLD1CB164_SIN		0.00	83.85	-42.11	-30.19	118.92	8.55	38.97	-2.96	8.91	-13.34	12.66	-12.77	2.87	-3.13	-27.65	-3.32
MRBLD1FB42P75_COS		3020.96	92.02	-373.24	222.45	-68.59	-3.87	-40.30	-24.65	-52.45	-57.56	41.93	-25.66	12.20	61.35	155.48	1.75
MRBLD1FB42P75_SIN		0.00	6.58	-62.60	65.12	274.63	78.84	29.54	19.66	27.66	-21.67	44.36	38.58	21.37	-6.20	-33.53	12.90
MRBLD1FB70_COS		411.38	-70.05	-191.12	44.84	-34.51	-1.71	-6.05	7.17	4.15	3.25	1.02	-0.01	-0.90	-8.10	-33.72	-2.63
MRBLD1FB70_SIN		0.00	-138.56	-13.58	13.06	76.83	11.20	7.50	8.55	6.79	-0.01	2.99	1.99	0.05	2.46	4.02	-5.58
MRBLD1FB87_COS		-73.24	-38.32	-163.88	-0.62	-28.79	-11.71	-5.56	1.38	13.44	14.34	-4.91	8.55	-1.38	-12.33	-30.89	-0.42
MRBLD1FB87_SIN		0.00	-140.49	17.68	29.47	45.22	7.91	-1.04	-4.93	-9.20	-0.67	-15.14	-11.61	-6.23	0.77	11.26	3.03
MRBLD1FB120_COS		-452.96	-31.08	-249.70	-21.33	4.03	-7.26	7.55	-8.24	-10.77	-9.05	-1.22	-3.16	1.94	16.16	47.60	0.71
MRBLD1FB120_SIN		0.00	-198.92	37.78	57.99	22.30	0.14	-4.66	-16.33	-7.31	8.94	7.15	4.31	4.18	-5.63	-18.81	-4.54
MRBLD1FB164_COS		-103.56	-6.49	-304.74	57.05	102.50	38.56	11.64	2.32	8.53	15.39	-4.59	-0.10	1.06	-4.93	-25.24	0.78
MRBLD1FB164_SIN		0.00	-234.12	12.85	252.33	-95.96	-48.56	-13.69	11.06	5.08	-5.18	-13.22	-6.96	-2.95	-2.95	8.27	8.98

RUN	POINT	Harmonics															
58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-158.09	-11.97	-164.26	41.45	81.17	26.94	-13.90	-4.72	13.76	22.87	-13.11	10.98	3.56	15.45	62.97	-2.67
MRBLD1FB180_SIN		0.00	-163.34	8.92	190.65	-72.43	-45.14	4.61	21.48	-15.44	-17.26	-27.25	-17.71	-2.53	-5.87	-25.53	-11.74
MRBLD1TOR51_COS		-1371.07	45.83	30.96	-5.44	-83.98	-11.07	24.87	29.35	2.32	-2.66	0.36	3.23	2.74	2.99	12.89	-0.55
MRBLD1TOR51_SIN		0.00	-42.98	8.84	217.32	-24.80	-6.04	-6.58	21.89	9.05	-15.46	-9.18	-3.80	-0.56	-0.33	6.57	-2.30
MRBLD1TOR71_COS		-231.06	53.69	17.59	-15.67	-71.52	-6.67	27.57	28.08	3.03	-3.53	0.66	5.40	3.09	0.97	7.03	0.01
MRBLD1TOR71_SIN		0.00	-45.09	5.22	196.18	-37.11	-7.57	-5.22	21.63	10.51	-10.11	-9.40	-4.39	-0.02	-1.16	5.43	0.06
MRBLD1TOR130_COS		8.91	49.66	37.90	-13.94	-54.17	-5.60	21.06	20.68	1.95	-2.30	-0.23	-4.06	-0.20	0.17	-4.84	-2.77
MRBLD1TOR130_SIN		0.00	-37.11	3.83	190.73	-35.47	-5.32	-2.25	16.87	10.85	-5.06	1.44	-0.36	3.66	3.78	3.97	2.33
MRBLD1TOR164_COS		-199.47	35.15	72.01	-15.66	-48.62	-11.77	2.65	9.58	5.16	2.39	1.68	-0.41	-0.18	3.55	5.90	0.54
MRBLD1TOR164_SIN		0.00	-8.78	4.93	106.96	-11.48	4.82	5.87	4.45	-0.29	0.86	-1.10	-0.17	1.85	4.11	7.80	1.90
MRFBM1CB26P5_COS		-4496.71	-548.94	-10.63	63.20	0.85	-18.48	3.59	-0.07	-3.08	-4.09	-5.13	-2.70	-0.36	1.70	7.21	0.17
MRFBM1CB26P5_SIN		0.00	-39.75	0.09	-13.85	-32.80	-7.97	-18.62	-0.73	-4.80	-0.18	9.08	0.47	0.58	2.25	6.05	2.25
MRFBM1FB9_COS		310.11	-83.73	130.60	-42.29	24.68	4.94	6.28	1.25	1.00	-1.31	0.42	2.07	0.81	-0.29	-1.20	0.04
MRFBM1FB9_SIN		0.00	6.20	54.46	-37.45	-31.68	-6.38	2.46	-0.32	0.62	1.50	-1.08	0.22	-0.66	-2.11	-4.02	0.02
MRFBM1TOR26P5_COS		-343.44	89.56	-0.28	0.05	-1.33	0.32	0.26	0.28	0.13	0.10	0.04	0.09	0.05	-0.01	0.01	0.02
MRFBM1TOR26P5_SIN		0.00	-87.36	-0.07	1.21	-0.97	-0.30	0.08	0.05	0.21	-0.11	-0.03	0.09	0.00	-0.06	-0.26	-0.08

RUN	POINT	Harmonics															
58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-843.34	-1205.21	-0.43	168.66	-54.31	-45.31	-23.32	-0.80	-1.17	22.71	-17.28	-34.36	-7.68	14.09	49.22	-6.31
MRPC1CB33P25_SIN		0.00	50.12	-29.44	-15.65	35.82	-4.78	-9.93	12.45	-7.99	-18.45	25.87	15.58	10.20	17.24	46.25	3.78
MRPC1FB33P25_COS		2142.61	45.05	-299.04	173.74	-116.79	-26.65	-42.62	-27.01	-51.69	-29.58	4.76	-40.81	-7.01	42.64	119.28	-13.65
MRPC1FB33P25_SIN		0.00	127.74	-113.50	91.82	216.12	62.03	10.57	2.40	-4.97	-48.45	52.64	11.24	23.88	44.76	117.92	11.53
MRPC1TOR25P5_COS		-806.24	-24.92	-57.92	6.27	84.96	4.59	-35.25	-35.91	-6.78	2.70	-1.74	-9.36	-5.59	-0.99	-8.27	-8.07
MRPC1TOR25P5_SIN		0.00	81.99	-62.90	-221.74	39.15	8.94	10.44	-26.45	-12.69	14.40	11.77	4.79	2.51	3.90	15.21	8.77
MRPLK1LOAD_COS		-78.19	7.35	-5.53	1.29	11.44	0.65	-4.69	-4.64	-0.84	0.24	-0.02	-1.57	-0.66	-0.43	-2.42	-1.13
MRPLK1LOAD_SIN		0.00	-14.01	-3.26	-29.58	4.77	1.89	0.97	-2.98	-1.70	1.77	1.40	-0.02	0.29	0.56	2.59	1.57
PITCHRH_COS		10757.29	-8213.05	-342.41	-22.33	-125.75	327.88	118.96	-88.34	50.30	-34.56	-80.99	-44.74	26.60	45.37	47.21	664.21
PITCHRH_SIN		0.00	2190.07	-458.07	64.94	84.99	170.04	71.46	-1.88	101.67	-134.06	-201.02	-10.97	-33.99	40.16	23.94	424.66
ROLLRH_COS		1287.00	-1972.13	512.39	-17.12	-66.57	-1163.31	-79.02	-50.58	109.01	67.50	195.71	-27.68	28.18	23.44	27.58	-729.24
ROLLRH_SIN		0.00	-7934.33	-564.17	-109.51	249.74	843.13	-53.86	-53.32	-80.79	4.93	-7.89	-30.65	30.91	-59.18	-53.64	876.47
TORQ_COS		35093.18	307.83	-10.63	0.36	-41.74	112.88	1.65	-4.28	-6.81	1.18	23.08	2.70	0.80	-0.57	-8.20	-14.41
TORQ_SIN		0.00	635.41	-25.24	15.36	28.61	25.67	6.31	10.27	12.92	-8.23	-44.44	3.98	-4.66	5.61	-2.22	2.09
THRUST_COS		5668.77	-46.95	15.55	-9.16	14.36	-12.56	0.17	4.45	2.96	-1.25	-23.35	0.28	0.58	0.21	-4.03	13.52
THRUST_SIN		0.00	-74.62	8.00	1.53	15.26	-29.44	2.77	10.10	-2.94	4.08	-29.56	-3.56	-0.37	0.42	10.84	-15.57

RUN	POINT	Harmonics															
58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.28	53.74	-14.64	3.07	-62.77	20.47	4.71	0.59	-2.05	-2.43	-8.73	1.09	-0.74	-0.60	-1.33	20.21
SIDERH_SIN		0.00	184.90	11.64	-0.07	-56.37	-153.21	5.00	1.46	1.56	-0.47	1.20	1.73	-0.87	1.83	1.18	-25.82
DRAGRH_COS		-197.71	212.85	9.63	1.20	-4.13	51.71	-20.75	2.59	-0.28	2.82	20.29	3.47	0.54	-1.61	-2.44	-30.99
DRAGRH_SIN		0.00	-66.19	17.26	2.70	30.43	123.69	-3.08	-3.23	-3.80	7.71	12.30	-0.08	-0.60	-3.00	-1.04	-15.29

RUN	POINT	Harmonics															
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.01	-0.01	-0.02	0.01	0.01	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.01	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.70	1.86	-1.23	5.30	-0.81	-0.35	0.43	0.03	-0.54	-0.43	0.16	0.26	0.19	-0.10	-0.61	-0.79
ACT1FORCE_SIN		0.00	11.40	1.44	-1.67	1.56	0.09	-0.26	0.54	0.25	-1.73	0.37	-0.15	0.17	-0.10	0.09	0.46
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		336.98	-16.14	6.02	-99.66	5.98	5.08	0.06	-0.07	-0.03	0.50	-0.10	-0.09	-0.04	0.00	-0.01	-0.12
FA1IBVOLTAGE_SIN		0.00	-65.91	-12.07	-281.12	-6.76	1.28	0.48	0.08	-0.01	0.28	0.05	0.00	0.00	-0.11	-0.16	-0.19
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		468.81	16.32	-5.93	101.04	-5.89	-5.12	0.24	0.01	-0.02	-0.49	0.08	0.07	0.00	0.00	0.01	0.12
FA1OBVOLTAGE_SIN		0.00	66.05	12.01	281.54	7.13	-1.15	0.35	-0.02	0.01	-0.23	-0.05	-0.02	0.03	0.08	0.15	0.16
MRBLD1CB42P75_COS		-3800.79	-1435.38	88.01	147.29	-69.06	-52.71	-31.31	-7.40	18.52	61.49	-9.19	-44.12	-10.48	16.74	47.76	-8.17
MRBLD1CB42P75_SIN		0.00	-63.25	-49.23	-5.66	84.89	-14.58	13.93	35.13	-10.35	-9.45	11.60	31.51	11.51	16.79	47.43	-2.23

RUN	POINT	Harmonics															
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2841.00	-790.99	336.48	83.02	-33.92	-5.95	-49.58	-10.76	16.95	59.42	6.39	-20.78	-7.18	12.22	25.39	-9.31
MRBLD1CB70_SIN		0.00	-30.78	-55.28	15.57	187.00	-9.80	74.43	36.70	-0.50	-11.95	-18.28	24.86	9.92	10.32	37.80	-7.13
MRBLD1CB120_COS		-522.59	-269.59	438.67	49.59	-14.46	60.75	-43.77	-0.43	-12.49	-20.36	24.49	17.73	4.25	-1.53	-3.75	1.15
MRBLD1CB120_SIN		0.00	91.58	-109.01	-11.92	216.47	-5.32	92.62	29.73	23.20	-21.75	-6.57	-14.92	-1.80	-2.55	2.93	-0.32
MRBLD1CB164_COS		-1955.63	-85.93	139.20	-11.72	-39.90	31.10	-14.46	4.51	-22.06	-38.99	10.11	14.78	8.15	0.56	-4.92	1.54
MRBLD1CB164_SIN		0.00	80.35	-41.00	-31.46	116.37	6.39	32.39	-2.07	8.56	-18.25	14.91	-14.66	3.89	-0.86	-26.71	1.14
MRBLD1FB42P75_COS		2982.91	137.04	-367.61	225.52	-128.03	-8.96	-39.34	-29.57	-59.85	-55.72	56.86	-21.60	14.16	61.27	152.67	-5.19
MRBLD1FB42P75_SIN		0.00	24.70	-65.88	49.38	256.09	77.68	24.86	42.42	21.91	-27.33	43.47	47.61	20.51	-10.77	-35.83	7.62
MRBLD1FB70_COS		407.75	-66.58	-186.25	47.34	-51.72	-3.72	-6.06	6.18	3.90	4.29	1.56	-0.38	-0.98	-7.71	-32.60	-0.75
MRBLD1FB70_SIN		0.00	-141.10	-15.88	8.27	71.92	11.10	6.36	12.33	5.58	0.07	2.74	1.32	-0.36	3.18	4.75	-4.34
MRBLD1FB87_COS		-72.44	-34.75	-161.87	0.78	-35.67	-12.12	-5.87	1.47	13.86	13.16	-8.87	7.28	-2.31	-12.45	-30.16	1.11
MRBLD1FB87_SIN		0.00	-142.98	14.77	25.46	43.03	8.52	-1.48	-7.34	-9.32	-0.43	-14.31	-13.04	-5.61	1.79	11.67	4.16
MRBLD1FB120_COS		-447.28	-24.19	-250.51	-17.83	7.56	-5.26	6.86	-7.74	-9.97	-8.80	0.52	-2.28	2.43	15.96	46.17	-2.15
MRBLD1FB120_SIN		0.00	-202.37	33.64	52.08	23.84	0.37	-3.98	-21.33	-4.50	9.24	5.97	4.94	4.57	-5.92	-18.96	-6.40
MRBLD1FB164_COS		-107.00	0.88	-309.25	62.84	122.28	41.31	15.21	4.63	8.82	14.80	-7.03	-0.20	1.66	-4.77	-24.63	2.47
MRBLD1FB164_SIN		0.00	-236.05	8.03	249.38	-85.39	-54.62	-14.16	17.22	2.68	-4.35	-11.27	-7.86	-3.41	-2.93	8.61	11.00

RUN	POINT	Harmonics															
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-162.36	-7.22	-167.42	44.82	94.25	27.23	-10.54	-1.73	16.77	25.84	-16.94	10.92	3.26	14.73	60.82	-6.07
MRBLD1FB180_SIN		0.00	-164.27	6.50	191.04	-63.92	-46.74	4.20	27.68	-17.49	-14.63	-23.02	-17.95	1.14	-4.49	-26.27	-14.89
MRBLD1TOR51_COS		-1375.15	45.66	32.74	-6.41	-89.10	-9.60	26.00	24.66	0.36	-1.04	2.06	4.16	1.87	1.89	13.05	0.79
MRBLD1TOR51_SIN		0.00	-43.66	9.66	217.06	-27.87	-8.89	-1.67	27.71	6.77	-16.67	-8.71	-2.64	1.10	-0.21	5.21	-4.24
MRBLD1TOR71_COS		-233.59	54.91	19.45	-16.72	-74.23	-5.11	28.47	24.71	1.54	-2.43	1.08	6.13	2.28	-0.16	6.93	0.98
MRBLD1TOR71_SIN		0.00	-44.82	6.06	196.24	-39.22	-9.93	-0.58	26.27	9.02	-11.09	-9.29	-3.87	1.31	-0.99	4.22	-1.63
MRBLD1TOR130_COS		7.41	49.85	39.14	-14.80	-54.52	-4.58	21.77	18.66	0.90	-1.82	0.33	-4.15	0.08	0.15	-5.33	-3.24
MRBLD1TOR130_SIN		0.00	-37.23	4.14	191.27	-35.66	-7.59	0.38	20.40	9.56	-5.64	1.85	-0.22	3.19	3.48	4.30	2.99
MRBLD1TOR164_COS		-198.56	34.02	72.61	-16.62	-50.97	-12.29	2.37	8.72	5.44	2.75	0.80	-1.08	-0.44	3.66	5.37	-0.27
MRBLD1TOR164_SIN		0.00	-8.78	5.57	107.13	-13.41	4.31	6.04	4.94	-0.56	1.52	-0.65	-0.06	1.56	3.97	7.99	2.51
MRFBM1CB26P5_COS		-4458.42	-622.23	-7.59	62.49	0.55	-18.36	4.98	-0.62	-2.86	-3.91	-4.01	-3.12	-0.11	2.13	7.28	0.55
MRFBM1CB26P5_SIN		0.00	-91.69	-0.34	-13.01	-31.00	-8.11	-17.12	0.27	-4.39	-0.60	8.86	0.71	0.55	2.20	5.44	1.87
MRFBM1FB9_COS		268.59	-9.26	124.95	-44.48	30.38	5.51	5.55	2.43	0.96	-1.46	-0.14	2.17	0.67	-0.58	-1.38	-0.16
MRFBM1FB9_SIN		0.00	19.35	54.42	-34.33	-27.32	-6.11	2.86	-1.07	0.98	1.30	-1.64	-0.18	-0.80	-2.16	-4.07	0.17
MRFBM1TOR26P5_COS		-343.49	90.03	-0.27	0.05	-1.32	0.34	0.29	0.24	0.15	0.13	0.05	0.10	0.04	-0.02	0.03	0.02
MRFBM1TOR26P5_SIN		0.00	-89.96	0.01	1.26	-1.03	-0.31	0.15	0.06	0.19	-0.11	-0.03	0.08	0.01	-0.04	-0.24	-0.06

RUN	POINT	Harmonics															
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-802.59	-1335.15	5.15	168.31	-66.99	-46.94	-20.44	-6.18	-1.46	25.58	-3.37	-32.30	-4.70	17.12	49.60	-6.36
MRPC1CB33P25_SIN		0.00	-28.85	-31.60	-15.10	35.94	-7.04	-8.16	18.94	-10.36	-15.72	26.06	21.19	9.48	15.04	43.16	0.11
MRPC1FB33P25_COS		2109.09	85.88	-297.05	179.16	-161.04	-30.58	-41.07	-39.99	-54.75	-25.19	16.56	-43.97	-5.13	46.14	119.96	-13.25
MRPC1FB33P25_SIN		0.00	148.87	-114.44	78.92	188.23	59.51	6.46	17.63	-12.46	-51.06	61.17	20.92	24.63	41.31	113.51	2.09
MRPC1TOR25P5_COS		-802.66	-19.64	-64.85	8.40	88.55	2.46	-36.40	-31.84	-4.77	1.34	-2.33	-10.63	-4.42	0.59	-8.52	-9.50
MRPC1TOR25P5_SIN		0.00	81.68	-61.42	-221.62	41.07	12.27	4.77	-32.69	-10.90	15.41	11.74	4.93	0.30	3.21	16.14	9.25
MRPLK1LOAD_COS		-77.68	6.99	-5.73	1.50	12.22	0.45	-4.84	-4.00	-0.58	0.01	-0.22	-1.81	-0.49	-0.21	-2.48	-1.30
MRPLK1LOAD_SIN		0.00	-14.65	-3.34	-29.59	5.10	2.31	0.18	-3.79	-1.47	1.93	1.46	-0.05	0.00	0.46	2.70	1.60
PITCHRH_COS		9541.08	-8206.92	-310.57	-27.37	-110.18	114.89	129.12	-79.01	62.07	-14.94	-63.10	-54.67	35.77	37.34	39.11	654.04
PITCHRH_SIN		0.00	2200.94	-459.60	68.90	82.07	227.87	70.03	-11.95	110.03	-133.23	-174.52	-13.91	-33.03	40.03	17.41	316.11
ROLLRH_COS		971.41	-1995.59	523.45	9.53	-55.31	-1117.15	-97.55	-45.15	107.90	104.60	232.35	-21.10	34.04	28.37	-9.87	-628.71
ROLLRH_SIN		0.00	-7919.69	-525.77	-91.03	232.05	517.19	-32.68	-41.29	-57.67	29.86	10.10	-45.38	24.44	-41.34	-30.72	871.21
TORQ_COS		35806.32	300.68	-6.61	1.07	-24.62	122.36	3.14	-5.86	-10.63	0.71	19.61	4.85	0.44	-0.62	-6.63	-11.73
TORQ_SIN		0.00	626.47	-25.07	18.96	14.49	34.99	4.23	10.11	8.41	-8.14	-39.69	5.83	-6.18	5.78	-1.05	5.74
THRUST_COS		5549.96	-49.27	15.23	-8.81	11.51	-8.03	1.03	1.37	2.62	-2.67	-28.56	1.59	-0.38	0.07	-3.18	10.38
THRUST_SIN		0.00	-76.29	6.65	0.53	16.83	-32.37	2.86	10.88	-2.89	3.63	-29.36	-3.98	-0.84	0.53	8.79	-15.56

RUN	POINT	Harmonics															
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.59	56.48	-15.23	2.29	-62.03	36.84	5.49	-0.01	-1.87	-4.38	-10.23	0.71	-1.12	-0.81	-0.07	17.44
SIDERH_SIN		0.00	184.23	10.79	0.54	-54.33	-133.52	6.21	1.51	0.86	-1.62	0.13	2.34	-0.66	1.17	0.53	-25.28
DRAGRH_COS		-211.11	213.11	8.79	0.48	-5.10	36.06	-21.13	3.73	-1.27	1.24	19.92	4.25	-0.25	-1.30	-1.67	-30.66
DRAGRH_SIN		0.00	-65.86	17.21	3.22	29.05	110.11	-7.75	-2.68	-3.00	6.99	11.25	0.57	0.90	-2.01	-0.90	-11.70

RUN	POINT	Harmonics															
58	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	-0.01	-0.06	0.00	0.00	0.02	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	0.01	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.27	1.90	-1.12	5.28	-0.45	-0.39	0.54	0.26	-0.52	-0.37	0.13	0.22	0.17	-0.05	-0.66	-0.76
ACT1FORCE_SIN		0.00	11.32	1.32	-1.77	1.57	0.08	-0.21	0.62	0.31	-1.78	0.35	-0.16	0.19	-0.01	0.15	0.41
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.04	-15.76	3.50	-98.86	3.24	5.63	0.07	-0.06	-0.04	0.51	-0.09	-0.08	-0.04	-0.03	-0.03	-0.11
FA1IBVOLTAGE_SIN		0.00	-65.05	-11.47	-281.20	-6.30	0.92	0.46	0.11	-0.01	0.27	0.03	0.01	-0.01	-0.10	-0.16	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.73	15.93	-3.41	100.22	-3.14	-5.66	0.23	0.02	-0.02	-0.50	0.07	0.06	0.00	0.03	0.03	0.11
FA1OBVOLTAGE_SIN		0.00	65.17	11.40	281.62	6.65	-0.78	0.36	-0.05	0.02	-0.23	-0.03	-0.02	0.03	0.08	0.15	0.15
MRBLD1CB42P75_COS		-3807.86	-1474.75	76.57	124.58	-57.27	-43.19	-34.93	-17.43	27.72	61.82	-8.35	-44.09	-13.96	16.03	46.70	-9.32
MRBLD1CB42P75_SIN		0.00	-21.09	-43.14	-6.68	71.80	-11.48	15.93	9.36	-12.71	-17.17	8.24	30.54	12.99	16.88	50.19	-3.60

RUN	POINT	Harmonics															
58	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2837.41	-809.34	328.90	63.92	-23.10	6.28	-42.46	-18.73	23.01	58.49	7.73	-20.59	-8.21	13.98	23.81	-8.13
MRBLD1CB70_SIN		0.00	-4.20	-55.66	9.52	177.90	-8.90	77.72	20.44	-3.35	-19.13	-20.99	22.90	10.70	9.49	38.32	-9.18
MRBLD1CB120_COS		-519.78	-272.43	427.63	35.30	-2.70	70.48	-31.39	-9.40	-13.90	-20.28	24.02	19.02	6.32	-0.44	-3.88	1.28
MRBLD1CB120_SIN		0.00	104.04	-114.67	-14.85	210.96	-2.03	99.96	24.79	23.59	-20.06	-5.61	-16.33	-2.75	-1.70	3.16	-0.41
MRBLD1CB164_COS		-1955.76	-85.90	135.58	-17.62	-31.50	35.24	-6.04	4.10	-23.96	-37.50	9.64	16.94	10.62	0.61	-3.71	0.03
MRBLD1CB164_SIN		0.00	84.78	-42.06	-32.72	114.99	7.37	36.86	4.32	8.27	-15.18	15.14	-14.30	3.20	-1.37	-28.13	1.23
MRBLD1FB42P75_COS		3004.73	141.83	-373.08	187.28	-91.10	-2.29	-51.94	-80.49	-49.73	-52.96	53.64	-20.28	13.85	64.35	159.11	-10.58
MRBLD1FB42P75_SIN		0.00	13.46	-56.97	74.54	231.72	83.84	29.86	-1.44	10.61	-36.40	41.09	40.37	19.17	-12.35	-31.92	8.96
MRBLD1FB70_COS		412.27	-69.45	-188.85	31.99	-39.92	-1.19	-7.68	-2.57	5.31	4.03	1.53	0.00	-0.85	-8.54	-33.86	0.36
MRBLD1FB70_SIN		0.00	-141.08	-10.64	15.43	64.17	12.77	8.71	5.56	4.84	-0.38	2.90	2.06	0.67	3.78	3.59	-4.32
MRBLD1FB87_COS		-72.71	-38.44	-161.91	-8.48	-30.28	-11.64	-4.99	6.28	12.87	12.72	-8.64	6.68	-1.89	-12.83	-32.14	1.34
MRBLD1FB87_SIN		0.00	-142.79	20.37	30.59	41.20	9.03	-0.68	-3.37	-7.68	1.50	-14.03	-12.52	-6.24	2.04	10.82	3.20
MRBLD1FB120_COS		-450.50	-27.07	-242.88	-25.32	9.10	-7.17	9.92	4.99	-12.07	-8.59	0.19	-2.08	1.67	16.44	48.81	-2.58
MRBLD1FB120_SIN		0.00	-203.98	39.55	53.95	23.88	-1.61	-6.34	-12.47	-4.01	9.72	6.57	4.76	3.85	-7.99	-18.30	-5.16
MRBLD1FB164_COS		-104.10	-2.99	-300.55	52.70	105.64	35.05	10.17	-16.14	10.63	12.71	-8.57	-2.14	1.44	-5.57	-27.02	1.22
MRBLD1FB164_SIN		0.00	-241.57	14.89	251.24	-79.42	-52.20	-13.51	3.41	1.71	-5.43	-12.42	-8.52	-4.13	-2.03	8.65	9.98

RUN	POINT	Harmonics															
58	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-159.56	-10.58	-162.88	39.83	81.71	25.32	-15.84	-19.85	17.45	22.83	-17.16	10.81	5.71	17.79	64.46	-5.85
MRBLD1FB180_SIN		0.00	-168.31	10.81	191.97	-60.91	-44.69	6.48	14.10	-18.73	-14.39	-24.49	-20.18	-5.70	-10.14	-26.44	-13.18
MRBLD1TOR51_COS		-1373.33	45.04	31.60	-11.11	-88.00	-11.08	28.01	17.38	0.94	-2.61	1.36	4.28	3.72	3.63	13.16	-0.51
MRBLD1TOR51_SIN		0.00	-44.19	10.87	219.10	-27.79	-9.21	-3.28	19.96	6.83	-17.62	-9.55	-3.49	0.16	0.10	7.32	-3.27
MRBLD1TOR71_COS		-232.13	54.65	18.84	-19.19	-74.34	-6.64	30.70	18.90	1.32	-4.02	0.74	6.07	3.85	1.38	6.82	0.36
MRBLD1TOR71_SIN		0.00	-45.85	6.93	197.67	-38.55	-10.52	-2.33	21.67	9.03	-11.67	-9.96	-4.54	0.31	-0.99	5.34	-0.94
MRBLD1TOR130_COS		8.40	49.72	39.28	-15.56	-56.51	-5.91	23.44	13.48	1.56	-2.06	0.51	-3.98	-0.01	0.26	-5.62	-2.30
MRBLD1TOR130_SIN		0.00	-37.89	4.72	192.53	-34.79	-7.99	-0.59	16.24	9.47	-6.36	1.38	-0.33	3.49	3.32	2.76	1.94
MRBLD1TOR164_COS		-199.46	34.15	72.40	-15.52	-49.55	-12.20	3.05	6.86	5.06	2.07	0.74	-1.01	-0.46	3.89	5.43	0.26
MRBLD1TOR164_SIN		0.00	-8.31	4.76	107.89	-13.26	4.32	6.08	4.17	-0.69	1.46	-0.91	-0.44	1.36	3.29	6.94	1.21
MRFBM1CB26P5_COS		-4463.63	-645.51	-12.58	60.34	1.01	-18.51	2.11	-1.76	-1.85	-3.45	-4.27	-2.87	-0.23	1.97	7.84	0.07
MRFBM1CB26P5_SIN		0.00	-76.03	2.54	-11.49	-35.10	-7.01	-17.32	-2.67	-4.64	-0.56	8.75	0.83	0.63	2.37	6.27	2.03
MRFBM1FB9_COS		303.45	-9.97	130.47	-32.33	25.76	5.12	6.55	2.72	0.18	-1.82	-0.10	1.94	0.61	-0.60	-1.29	-0.07
MRFBM1FB9_SIN		0.00	6.56	49.72	-37.08	-26.24	-6.83	2.31	2.61	1.03	1.54	-1.43	-0.13	-0.80	-2.23	-4.20	0.33
MRFBM1TOR26P5_COS		-342.16	90.26	-0.23	0.03	-1.37	0.31	0.35	0.20	0.14	0.10	0.05	0.11	0.04	-0.02	0.05	0.00
MRFBM1TOR26P5_SIN		0.00	-90.16	0.00	1.23	-0.94	-0.33	0.16	0.05	0.20	-0.13	-0.02	0.09	0.00	-0.02	-0.20	-0.04

RUN	POINT	Harmonics															
58	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-801.82	-1368.58	-5.74	149.66	-56.52	-42.28	-26.81	-16.72	6.21	26.71	-3.23	-31.09	-6.47	17.31	49.81	-7.78
MRPC1CB33P25_SIN		0.00	12.40	-25.09	-12.46	22.98	-3.84	-6.47	-4.33	-12.36	-20.49	23.57	20.34	10.26	15.36	46.15	-0.74
MRPC1FB33P25_COS		2126.56	90.85	-302.58	143.46	-125.64	-26.74	-51.99	-61.63	-42.02	-18.42	16.00	-38.56	-4.39	49.31	119.87	-16.54
MRPC1FB33P25_SIN		0.00	138.79	-108.17	93.26	176.07	66.37	6.25	-35.83	-16.72	-56.89	57.26	16.66	23.36	42.24	120.57	-2.53
MRPC1TOR25P5_COS		-804.24	-17.87	-63.49	12.21	89.18	4.54	-38.84	-24.39	-4.40	3.57	-1.08	-10.50	-6.52	-0.88	-9.81	-7.21
MRPC1TOR25P5_SIN		0.00	79.97	-62.37	-223.91	40.61	12.83	6.29	-26.84	-11.03	15.85	12.35	5.21	1.18	2.52	12.97	6.39
MRPLK1LOAD_COS		-77.64	6.98	-5.64	2.00	12.17	0.71	-5.23	-2.90	-0.58	0.33	-0.05	-1.83	-0.77	-0.37	-2.77	-0.84
MRPLK1LOAD_SIN		0.00	-14.46	-3.57	-29.93	5.07	2.38	0.38	-2.88	-1.48	2.01	1.52	-0.07	0.08	0.34	2.02	1.15
PITCHRH_COS		9504.18	-8214.33	-317.40	-21.34	-124.53	173.81	81.79	-70.45	75.30	-28.43	-35.76	-53.69	20.54	35.95	38.13	658.38
PITCHRH_SIN		0.00	2188.34	-458.66	59.40	98.09	27.21	86.82	16.38	100.09	-133.36	-183.07	-9.25	-33.80	71.47	11.65	347.29
ROLLRH_COS		1230.42	-1969.52	517.53	-8.24	-67.79	-959.11	-112.24	-46.01	122.91	87.08	229.34	-25.70	16.74	47.33	17.63	-676.83
ROLLRH_SIN		0.00	-7927.28	-538.09	-102.20	271.22	775.27	-69.93	-36.57	-53.31	11.49	-1.27	-42.65	20.09	-38.11	-52.38	813.40
TORQ_COS		35848.85	300.38	-5.62	4.35	-40.33	108.62	2.43	-3.02	-11.09	0.44	21.54	5.02	2.98	-0.71	-8.41	-15.29
TORQ_SIN		0.00	620.92	-19.33	21.35	36.58	34.92	5.24	12.57	10.23	-7.48	-39.15	4.69	-4.70	4.34	-0.86	4.32
THRUST_COS		5641.71	-46.15	15.61	-8.22	14.80	-11.71	0.26	4.49	1.79	-2.09	-26.08	0.95	0.68	-0.11	-4.16	7.77
THRUST_SIN		0.00	-75.42	6.83	0.90	15.27	-32.41	2.86	10.12	-3.65	5.20	-29.31	-5.05	0.11	-1.32	10.66	-11.50

RUN	POINT	Harmonics															
58	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.99	53.06	-14.89	2.15	-66.26	12.11	5.16	0.29	-2.18	-3.47	-10.01	1.16	-0.42	-1.37	-0.83	18.84
SIDERH_SIN		0.00	184.78	11.11	-0.02	-59.94	-141.29	6.36	1.10	0.78	-0.72	0.79	2.47	-0.55	0.95	1.18	-23.73
DRAGRH_COS		-209.75	213.77	8.95	1.47	-4.05	55.58	-15.27	1.99	-1.89	2.17	17.89	4.37	-0.64	-1.44	-1.59	-31.54
DRAGRH_SIN		0.00	-65.57	17.74	3.12	30.44	107.41	-6.21	-2.73	-2.08	7.51	12.23	-0.44	0.46	-3.41	-0.27	-12.83

RUN	POINT	Harmonics															
58	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	-0.01	-0.06	0.00	0.00	0.02	0.02	-0.01	-0.02	0.00	0.01	0.01	0.00	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.01	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.45	1.97	-0.60	5.32	-0.70	-0.45	0.61	0.33	-0.53	-0.43	0.05	0.25	0.24	0.04	-0.61	-0.80
ACT1FORCE_SIN		0.00	11.34	1.25	-1.63	1.85	0.02	-0.24	0.67	0.28	-1.76	0.33	-0.17	0.16	-0.07	0.08	0.40
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.60	-16.08	0.28	-98.22	4.67	6.14	0.07	-0.08	-0.04	0.50	-0.08	-0.07	-0.04	-0.01	-0.02	-0.11
FA1IBVOLTAGE_SIN		0.00	-64.62	-11.26	-282.45	-7.47	0.89	0.49	0.11	-0.02	0.27	0.02	0.01	0.01	-0.08	-0.16	-0.19
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.17	16.26	-0.16	99.58	-4.56	-6.15	0.23	0.02	-0.03	-0.49	0.06	0.05	0.00	0.01	0.03	0.11
FA1OBVOLTAGE_SIN		0.00	64.75	11.18	282.88	7.82	-0.75	0.34	-0.04	0.02	-0.22	-0.02	-0.03	0.01	0.06	0.14	0.16
MRBLD1CB42P75_COS		-3828.87	-1345.16	50.68	121.36	-68.64	-40.76	-36.01	-17.65	28.81	61.92	-12.89	-39.39	-9.26	13.37	37.01	-9.79
MRBLD1CB42P75_SIN		0.00	31.98	-45.37	-5.16	76.29	-14.00	5.72	1.03	-15.52	-15.91	0.84	22.04	13.44	19.15	57.27	-9.26

RUN	POINT	Harmonics															
58	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2816.36	-731.82	318.37	52.59	-46.56	12.68	-50.43	-21.36	21.88	58.17	7.09	-20.29	-4.91	12.27	17.93	-9.06
MRBLD1CB70_SIN		0.00	41.01	-57.95	13.12	186.91	-10.69	71.86	12.78	-4.29	-17.50	-22.76	16.34	10.72	12.32	42.28	-12.47
MRBLD1CB120_COS		-542.12	-245.29	429.31	21.53	-25.92	76.27	-45.84	-12.25	-15.78	-20.15	26.28	18.23	6.03	1.26	-3.47	1.84
MRBLD1CB120_SIN		0.00	137.45	-116.18	-12.22	227.02	-3.64	100.69	20.95	22.00	-21.21	-3.49	-12.78	-2.15	-1.01	3.09	-1.07
MRBLD1CB164_COS		-1963.47	-79.59	139.87	-23.57	-43.03	37.36	-13.97	2.73	-25.44	-37.31	10.14	17.15	8.54	1.02	0.09	0.44
MRBLD1CB164_SIN		0.00	95.73	-43.66	-33.14	122.31	6.86	39.98	5.41	6.61	-16.88	14.66	-10.08	4.55	-1.38	-27.86	4.40
MRBLD1FB42P75_COS		3006.90	104.18	-400.76	175.00	-91.04	-12.01	-63.12	-91.61	-58.82	-58.08	34.08	-17.54	18.76	66.73	161.53	-19.94
MRBLD1FB42P75_SIN		0.00	6.39	-54.09	86.69	271.34	82.46	19.70	-12.91	3.38	-37.75	34.75	29.30	17.02	-2.31	-2.26	3.57
MRBLD1FB70_COS		415.05	-70.46	-200.31	27.45	-41.12	-2.86	-10.34	-4.18	4.48	4.16	1.80	-0.16	-1.42	-8.84	-33.72	2.64
MRBLD1FB70_SIN		0.00	-143.02	-10.60	18.03	74.96	11.13	5.59	3.58	4.14	-0.46	2.82	2.38	0.90	2.30	-1.86	-2.99
MRBLD1FB87_COS		-67.20	-37.53	-168.09	-10.45	-30.76	-11.11	-3.80	7.86	13.94	13.21	-4.62	6.26	-2.89	-13.38	-33.05	2.88
MRBLD1FB87_SIN		0.00	-147.01	19.53	31.51	45.18	7.59	-1.61	-2.83	-6.89	1.38	-12.56	-9.32	-5.42	0.06	4.41	4.10
MRBLD1FB120_COS		-442.55	-26.24	-251.06	-28.95	5.97	-8.02	11.47	6.58	-11.28	-8.40	-1.00	-2.82	1.66	17.05	50.31	-4.60
MRBLD1FB120_SIN		0.00	-212.21	37.95	55.87	23.11	-0.71	-3.06	-8.94	-1.83	10.74	6.10	3.04	3.69	-4.51	-8.90	-6.79
MRBLD1FB164_COS		-96.71	-2.50	-319.34	46.56	106.73	36.09	9.53	-17.65	9.72	14.34	-4.35	-0.10	1.94	-5.24	-27.61	2.25
MRBLD1FB164_SIN		0.00	-250.08	17.90	257.74	-90.72	-47.17	-9.32	-1.47	-2.88	-6.10	-10.91	-5.24	-3.38	-4.50	3.34	11.08

RUN	POINT	Harmonics															
58	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-154.78	-11.02	-176.04	36.14	82.32	26.67	-15.91	-20.99	18.05	26.03	-6.96	11.67	5.22	19.58	67.71	-6.71
MRBLD1FB180_SIN		0.00	-172.94	13.35	196.49	-67.12	-41.72	7.34	9.90	-21.22	-14.23	-23.14	-16.52	-4.98	-6.14	-13.08	-13.82
MRBLD1TOR51_COS		-1374.44	46.39	25.65	-13.80	-84.66	-11.90	23.72	18.00	1.13	-2.76	1.68	4.06	4.15	4.11	10.58	-1.58
MRBLD1TOR51_SIN		0.00	-42.70	11.49	217.17	-25.32	-5.15	-11.67	15.94	6.73	-16.14	-8.61	-3.58	-0.35	0.87	10.57	-3.23
MRBLD1TOR71_COS		-231.64	54.42	14.23	-20.68	-70.44	-7.29	27.34	19.75	1.69	-3.87	1.51	5.76	4.22	2.08	5.81	-0.34
MRBLD1TOR71_SIN		0.00	-45.23	7.44	195.50	-37.37	-6.47	-9.09	18.77	9.30	-10.31	-8.49	-4.32	-0.18	-0.54	7.33	-0.61
MRBLD1TOR130_COS		9.36	50.37	35.93	-16.43	-52.31	-5.73	21.12	13.72	1.61	-1.68	0.40	-2.98	0.32	-0.06	-4.55	-1.72
MRBLD1TOR130_SIN		0.00	-36.92	5.42	190.46	-35.98	-4.48	-5.22	13.62	8.82	-6.27	0.49	-0.88	3.44	3.35	1.98	2.17
MRBLD1TOR164_COS		-199.72	35.01	73.96	-15.48	-48.04	-11.61	2.72	6.80	4.43	2.40	1.75	-0.61	-0.45	2.93	5.28	1.06
MRBLD1TOR164_SIN		0.00	-6.63	5.32	106.08	-12.78	4.92	3.09	3.68	-0.24	1.04	-1.10	-0.47	1.67	4.13	7.49	0.97
MRFBM1CB26P5_COS		-4467.98	-584.66	-25.72	62.67	4.44	-19.35	3.40	-0.84	-1.25	-3.37	-5.55	-1.90	-0.02	1.74	6.28	0.15
MRFBM1CB26P5_SIN		0.00	-51.55	1.37	-11.54	-37.13	-7.13	-18.55	-3.12	-5.23	-0.61	7.08	0.61	0.69	2.59	7.40	1.18
MRFBM1FB9_COS		293.00	-53.77	151.66	-28.07	27.99	5.52	7.03	2.70	0.33	-1.70	-0.02	1.68	0.62	-0.27	-0.45	-0.26
MRFBM1FB9_SIN		0.00	17.79	51.61	-38.48	-30.19	-6.10	4.50	3.77	1.61	1.70	-0.84	0.10	-0.84	-2.27	-4.30	0.66
MRFBM1TOR26P5_COS		-342.18	89.99	-0.26	0.05	-1.32	0.30	0.29	0.21	0.14	0.09	0.08	0.09	0.04	0.00	0.03	-0.03
MRFBM1TOR26P5_SIN		0.00	-90.29	-0.03	1.20	-0.95	-0.31	0.02	0.03	0.20	-0.11	0.00	0.09	-0.01	-0.04	-0.19	-0.04

RUN	POINT	Harmonics															
58	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-814.55	-1253.32	-33.35	150.16	-59.38	-43.73	-27.73	-16.74	6.84	26.56	-8.60	-26.42	-3.48	14.87	40.46	-8.37
MRPC1CB33P25_SIN		0.00	53.65	-23.80	-11.31	26.88	-5.65	-15.20	-10.72	-15.76	-20.21	15.96	14.41	11.08	17.70	54.61	-6.14
MRPC1FB33P25_COS		2128.10	55.96	-324.54	131.04	-135.70	-33.46	-57.20	-66.10	-45.59	-21.38	5.36	-29.99	0.89	43.18	96.42	-16.89
MRPC1FB33P25_SIN		0.00	131.94	-109.85	101.07	208.82	62.01	-4.89	-49.14	-26.53	-60.57	41.69	10.08	25.46	50.74	139.57	-14.03
MRPC1TOR25P5_COS		-803.14	-23.65	-55.92	13.56	83.90	5.87	-34.12	-25.22	-4.78	3.89	-2.09	-9.31	-5.73	-1.95	-8.36	-5.52
MRPC1TOR25P5_SIN		0.00	78.78	-65.54	-221.10	39.13	7.59	15.57	-23.01	-11.34	13.89	10.06	4.38	2.31	2.73	10.37	4.88
MRPLK1LOAD_COS		-77.60	6.98	-4.98	2.29	11.53	0.87	-4.50	-2.99	-0.58	0.40	-0.19	-1.63	-0.69	-0.55	-2.33	-0.56
MRPLK1LOAD_SIN		0.00	-14.40	-3.82	-29.68	4.73	1.79	1.68	-2.30	-1.44	1.76	1.25	-0.12	0.27	0.38	1.49	1.04
PITCHRH_COS		10239.36	-8215.45	-329.31	-21.34	-134.50	269.14	110.76	-82.22	80.64	-22.95	-17.93	-47.56	19.80	26.70	17.23	594.80
PITCHRH_SIN		0.00	2160.18	-458.11	70.10	92.78	152.28	65.69	-17.54	92.44	-131.33	-224.15	0.88	-26.57	65.65	1.61	430.64
ROLLRH_COS		1106.90	-2000.34	510.19	-2.60	-54.09	-1203.20	-72.02	-59.21	127.54	91.36	228.35	-25.36	23.41	43.23	26.22	-765.68
ROLLRH_SIN		0.00	-7941.50	-546.17	-97.42	257.74	840.03	-91.00	-55.32	-49.54	10.46	-12.25	-51.35	15.51	-24.67	-45.45	705.96
TORQ_COS		35844.65	290.13	-6.26	3.91	-37.69	105.12	1.41	-8.47	-15.83	-1.26	26.48	3.86	2.86	-0.08	-8.40	-13.04
TORQ_SIN		0.00	645.42	-23.16	20.55	41.05	34.58	6.45	14.13	11.09	-8.05	-34.02	4.08	-3.91	6.21	-1.91	2.44
THRUST_COS		5617.14	-50.89	16.54	-9.03	13.78	-11.74	-0.60	2.03	1.93	-2.33	-22.15	-0.08	0.35	0.34	-5.74	8.92
THRUST_SIN		0.00	-75.41	6.67	0.44	14.19	-30.91	3.59	12.95	-3.71	4.84	-22.19	-4.57	-0.27	-0.63	9.67	-6.39

RUN	POINT	Harmonics															
58	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.86	61.91	-14.76	2.53	-66.90	26.88	2.96	0.70	-2.63	-3.67	-10.06	1.05	-0.55	-1.25	-1.05	21.38
SIDERH_SIN		0.00	184.57	10.88	-0.08	-56.43	-157.22	6.88	1.69	0.74	-0.81	0.91	2.95	-0.37	0.72	0.91	-21.01
DRAGRH_COS		-205.02	212.98	9.56	0.58	-4.15	54.70	-16.54	3.31	-1.54	2.27	16.02	4.43	-0.10	-0.74	-0.86	-28.42
DRAGRH_SIN		0.00	-66.16	17.12	2.93	31.84	131.47	-2.78	-2.90	-2.17	7.01	13.72	-0.83	-0.24	-3.89	0.18	-16.08

RUN	POINT	Harmonics															
58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.06	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.01	0.01	-0.07	0.02	0.00	0.00	0.00	0.02	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.82	1.92	-1.44	5.34	-0.59	-0.49	0.44	0.21	-0.48	-0.37	0.02	0.19	0.15	-0.07	-0.67	-0.86
ACT1FORCE_SIN		0.00	11.20	1.32	-1.44	1.62	0.01	-0.33	0.45	0.40	-1.76	0.45	-0.24	0.14	-0.06	0.21	0.40
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.90	-16.60	6.82	-99.35	4.93	6.04	0.08	-0.05	-0.06	0.50	-0.10	-0.07	-0.02	-0.02	-0.03	-0.11
FA1IBVOLTAGE_SIN		0.00	-64.22	-11.58	-282.35	-6.55	1.46	0.47	0.09	0.00	0.28	0.03	0.00	0.00	-0.10	-0.17	-0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.88	16.74	-6.74	100.36	-4.84	-6.09	0.21	-0.01	0.00	-0.49	0.08	0.04	-0.02	0.01	0.04	0.11
FA1OBVOLTAGE_SIN		0.00	64.34	11.51	282.90	6.90	-1.34	0.36	-0.04	0.00	-0.23	-0.02	-0.02	0.03	0.08	0.16	0.17
MRBLD1CB42P75_COS		-3846.25	-1428.64	105.62	154.69	-59.77	-50.04	-34.10	-21.78	19.17	61.43	-4.81	-48.95	-15.24	14.70	53.85	-7.69
MRBLD1CB42P75_SIN		0.00	53.35	-43.80	1.15	101.01	-2.84	16.93	47.01	-7.40	-18.99	26.22	34.93	16.60	22.16	54.58	4.38

RUN	POINT	Harmonics															
58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2826.10	-776.76	349.37	89.89	-15.14	-3.79	-44.71	-21.47	17.76	58.27	12.02	-22.58	-8.45	12.00	28.95	-6.79
MRBLD1CB70_SIN		0.00	28.80	-54.44	20.83	206.73	11.63	87.38	48.45	3.61	-20.64	-11.34	27.57	13.07	14.72	42.87	-2.78
MRBLD1CB120_COS		-508.84	-251.53	442.33	60.91	18.81	62.78	-34.29	-8.92	-17.66	-21.68	20.78	20.52	6.91	-0.37	-5.59	-0.97
MRBLD1CB120_SIN		0.00	95.35	-112.49	-6.05	238.61	15.52	110.79	32.91	27.32	-13.43	-14.32	-17.74	-4.64	-3.80	3.08	0.43
MRBLD1CB164_COS		-1951.30	-81.78	135.10	-7.86	-24.63	29.58	-8.27	6.67	-25.13	-40.09	5.76	18.01	10.20	-0.21	-6.87	0.96
MRBLD1CB164_SIN		0.00	76.93	-41.13	-24.38	127.42	14.72	41.89	-4.91	9.48	-7.48	8.93	-17.89	1.24	-4.08	-30.45	-3.82
MRBLD1FB42P75_COS		3020.91	128.69	-352.95	266.94	-62.44	-2.50	-43.87	-51.26	-57.52	-43.02	62.87	-22.31	16.19	69.11	173.80	7.89
MRBLD1FB42P75_SIN		0.00	1.60	-59.96	87.37	284.69	69.92	34.34	67.95	36.28	-18.14	60.98	50.46	24.67	-6.34	-36.33	21.60
MRBLD1FB70_COS		411.05	-69.16	-182.48	59.63	-32.46	-1.30	-6.66	2.49	3.29	3.56	1.47	-0.37	-1.26	-9.24	-36.91	-3.44
MRBLD1FB70_SIN		0.00	-136.50	-13.54	21.01	80.86	9.67	8.90	17.50	7.55	-0.23	2.43	1.05	-0.40	2.44	4.08	-7.54
MRBLD1FB87_COS		-75.21	-37.61	-159.39	6.74	-28.25	-12.29	-6.17	3.18	13.45	11.38	-10.42	7.31	-2.54	-14.13	-35.24	-2.24
MRBLD1FB87_SIN		0.00	-137.32	17.36	33.64	46.16	7.21	-0.88	-9.19	-10.40	-0.96	-18.20	-14.36	-6.83	1.37	12.77	2.08
MRBLD1FB120_COS		-456.53	-30.92	-245.02	-15.24	4.80	-6.81	9.02	-0.73	-8.11	-8.02	0.91	-1.50	3.76	18.79	53.72	3.20
MRBLD1FB120_SIN		0.00	-191.05	39.01	63.94	21.50	0.56	-6.24	-29.10	-8.11	8.02	7.52	6.12	4.36	-6.31	-20.46	-2.65
MRBLD1FB164_COS		-106.32	-4.87	-287.83	64.82	101.95	40.26	9.71	-9.36	5.41	15.16	-6.89	-2.03	-0.35	-6.12	-27.59	0.13
MRBLD1FB164_SIN		0.00	-224.56	13.83	258.62	-99.59	-49.04	-15.54	27.97	9.22	-3.70	-15.15	-10.57	-3.77	-2.24	9.07	7.85

RUN	POINT	Harmonics															
58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-159.69	-10.41	-152.88	44.48	81.36	27.96	-17.61	-15.73	13.05	21.20	-22.61	10.19	3.77	17.78	71.25	0.99
MRBLD1FB180_SIN		0.00	-157.81	9.68	193.21	-74.92	-48.05	3.31	38.73	-14.00	-17.64	-33.10	-22.15	-3.49	-5.59	-26.51	-10.43
MRBLD1TOR51_COS		-1370.10	46.96	34.15	-2.43	-83.87	-12.40	20.16	21.93	1.01	-2.37	0.26	3.55	2.79	3.30	14.27	-0.67
MRBLD1TOR51_SIN		0.00	-41.61	10.02	219.67	-25.80	-5.05	-1.89	34.37	11.21	-16.73	-10.61	-5.00	-0.16	0.99	8.82	-1.52
MRBLD1TOR71_COS		-230.19	55.97	19.85	-14.22	-71.42	-7.96	23.50	23.33	2.19	-3.88	-0.44	5.70	3.15	1.15	7.72	0.08
MRBLD1TOR71_SIN		0.00	-44.09	5.98	197.23	-38.94	-6.72	-1.28	31.57	12.35	-11.63	-11.73	-6.13	0.00	-0.41	6.97	0.22
MRBLD1TOR130_COS		9.81	50.81	39.50	-14.24	-54.47	-7.33	18.08	16.42	0.97	-2.77	-0.84	-4.77	-0.16	0.18	-5.36	-2.69
MRBLD1TOR130_SIN		0.00	-36.02	4.32	190.43	-37.21	-4.26	0.58	24.93	12.36	-5.19	2.45	-0.63	3.72	3.52	3.36	1.40
MRBLD1TOR164_COS		-199.00	35.46	70.24	-17.27	-48.77	-13.13	0.65	8.56	5.72	1.76	0.74	-0.46	0.26	4.07	6.51	0.55
MRBLD1TOR164_SIN		0.00	-8.97	4.80	105.42	-11.82	5.03	7.81	7.88	-0.07	0.66	-1.41	0.17	1.97	3.77	7.51	1.95
MRFBM1CB26P5_COS		-4488.81	-625.45	-0.17	64.57	-2.74	-18.52	2.70	-1.83	-2.60	-3.46	-4.80	-3.46	-0.52	2.12	8.08	-0.24
MRFBM1CB26P5_SIN		0.00	-36.69	2.64	-13.68	-33.46	-9.10	-19.36	0.42	-4.74	0.02	10.85	0.72	0.88	2.54	6.45	3.12
MRFBM1FB9_COS		321.94	-35.03	114.91	-50.89	24.21	4.82	7.12	4.26	1.45	-1.51	0.20	2.36	0.98	-0.36	-1.45	0.25
MRFBM1FB9_SIN		0.00	-13.14	49.39	-46.22	-33.70	-6.08	2.17	-1.40	0.51	1.03	-2.25	-0.18	-0.89	-2.46	-4.73	-0.26
MRFBM1TOR26P5_COS		-342.05	90.30	-0.27	0.05	-1.35	0.29	0.22	0.22	0.14	0.14	0.09	0.10	0.02	-0.02	0.03	0.01
MRFBM1TOR26P5_SIN		0.00	-90.40	-0.05	1.20	-0.99	-0.29	0.15	0.13	0.20	-0.13	-0.06	0.11	-0.01	-0.05	-0.26	-0.05

RUN	POINT	Harmonics															
58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-830.19	-1324.44	22.94	175.64	-59.81	-45.73	-25.08	-18.35	-1.42	25.88	-2.11	-35.16	-7.41	16.39	55.59	-7.07
MRPC1CB33P25_SIN		0.00	80.42	-26.02	-9.76	46.67	-2.52	-7.56	27.23	-8.01	-18.28	37.95	23.57	13.69	19.56	50.12	7.86
MRPC1FB33P25_COS		2139.96	79.13	-284.66	205.75	-113.98	-22.88	-46.44	-66.28	-58.94	-20.63	11.93	-46.25	-6.57	47.87	132.52	-18.03
MRPC1FB33P25_SIN		0.00	125.31	-107.18	117.39	226.08	55.90	13.25	29.10	-0.35	-38.60	77.34	23.00	28.60	50.22	130.78	21.32
MRPC1TOR25P5_COS		-807.41	-20.79	-63.50	5.15	85.15	6.10	-29.51	-29.69	-5.36	2.60	-0.26	-10.39	-5.24	-1.00	-9.01	-8.40
MRPC1TOR25P5_SIN		0.00	77.11	-61.76	-222.75	41.00	8.61	5.44	-38.99	-14.80	15.41	15.63	7.21	2.36	2.50	13.83	7.21
MRPLK1LOAD_COS		-78.25	6.88	-5.88	0.84	11.43	0.89	-3.97	-3.63	-0.66	0.13	-0.05	-1.74	-0.56	-0.41	-2.63	-1.08
MRPLK1LOAD_SIN		0.00	-14.90	-3.30	-29.67	5.06	1.80	0.22	-4.76	-2.01	1.91	1.89	0.10	0.27	0.36	2.39	1.23
PITCHRH_COS		9906.17	-8206.88	-329.72	-19.12	-122.86	313.94	104.87	-59.22	68.98	-12.71	-30.02	-34.44	29.04	45.40	19.96	732.91
PITCHRH_SIN		0.00	2184.66	-461.49	55.90	77.84	206.40	75.17	24.31	74.49	-136.19	-141.19	-11.16	-33.61	63.71	30.83	399.27
ROLLRH_COS		1638.82	-1970.60	517.35	-13.18	-78.96	-1169.88	-98.11	-36.29	135.69	111.03	228.03	-20.60	24.56	22.24	5.30	-730.58
ROLLRH_SIN		0.00	-7931.29	-548.12	-105.79	257.19	924.14	-17.34	-47.06	-70.24	9.39	6.43	-29.06	29.94	-48.63	-27.53	892.33
TORQ_COS		35324.63	294.51	-5.94	6.11	-35.35	116.18	4.52	-3.07	-11.68	0.78	20.69	5.33	1.07	-0.04	-6.72	-17.49
TORQ_SIN		0.00	628.10	-23.00	17.33	18.30	18.13	5.51	8.29	11.64	-7.52	-47.00	5.03	-6.83	5.84	-1.93	2.75
THRUST_COS		5699.15	-46.78	14.65	-8.33	13.75	-13.07	0.56	3.79	2.06	-4.20	-32.40	0.80	-0.19	0.39	-6.16	10.91
THRUST_SIN		0.00	-76.29	7.44	-0.35	16.81	-28.01	1.88	6.72	-3.04	4.33	-37.38	-4.10	-0.94	-0.84	7.98	-15.75

RUN	POINT	Harmonics															
58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.64	53.55	-14.27	2.99	-61.18	14.17	6.06	-0.37	-2.92	-4.80	-10.35	0.54	-0.70	-0.49	-0.44	20.41
SIDERH_SIN		0.00	184.83	11.29	0.27	-62.05	-157.52	4.73	1.54	1.15	-0.71	0.77	1.44	-0.87	1.47	0.24	-26.42
DRAGRH_COS		-205.59	212.94	8.85	0.88	-4.32	66.86	-20.77	3.35	-1.40	1.71	19.09	2.80	0.49	-1.95	-0.84	-34.75
DRAGRH_SIN		0.00	-65.87	17.62	3.38	30.74	116.73	-4.15	-3.11	-2.34	6.51	11.14	0.89	0.74	-3.33	-1.76	-15.33

RUN	POINT	Harmonics															
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.01	0.01	-0.08	0.02	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.04	1.97	-1.02	5.21	-0.56	-0.47	0.41	0.12	-0.43	-0.44	0.00	0.19	0.13	-0.08	-0.64	-0.75
ACT1FORCE_SIN		0.00	11.20	1.29	-1.48	1.45	0.28	-0.16	0.50	0.31	-1.85	0.37	-0.12	0.24	-0.05	0.07	0.35
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.83	-16.18	4.80	-99.20	4.61	5.91	0.07	-0.05	-0.04	0.51	-0.10	-0.08	-0.04	-0.01	-0.02	-0.10
FA1IBVOLTAGE_SIN		0.00	-64.62	-11.28	-282.64	-5.24	-0.54	0.46	0.09	0.01	0.28	0.02	0.01	-0.01	-0.10	-0.15	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		463.94	16.35	-4.70	100.55	-4.51	-5.94	0.23	-0.01	-0.02	-0.50	0.08	0.06	0.00	0.01	0.02	0.10
FA1OBVOLTAGE_SIN		0.00	64.75	11.21	283.06	5.59	0.68	0.36	-0.04	0.00	-0.23	-0.02	-0.02	0.03	0.07	0.14	0.15
MRBLD1CB42P75_COS		-3855.68	-1622.12	73.14	134.93	-47.24	-36.09	-30.77	-14.35	17.52	61.27	-16.12	-55.31	-18.01	11.38	48.93	-18.65
MRBLD1CB42P75_SIN		0.00	-66.85	-45.68	-2.05	68.47	-14.21	14.92	41.96	-9.18	-12.06	16.36	21.62	9.03	20.67	65.24	6.67

RUN	POINT	Harmonics															
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2816.10	-895.52	336.40	74.16	-5.18	16.49	-40.87	-14.48	15.20	59.68	8.61	-28.63	-10.95	8.97	24.38	-17.73
MRBLD1CB70_SIN		0.00	-44.90	-59.94	12.71	173.86	-9.35	69.64	43.89	2.04	-12.73	-12.64	18.74	9.22	12.30	49.88	3.56
MRBLD1CB120_COS		-514.62	-295.45	441.01	47.96	15.56	83.63	-24.88	-0.19	-13.89	-20.06	29.61	24.45	7.10	-0.23	-5.25	-1.30
MRBLD1CB120_SIN		0.00	72.77	-117.11	-16.24	197.11	-2.78	85.31	33.39	24.21	-22.29	-11.50	-13.29	-1.32	-3.35	1.76	-0.69
MRBLD1CB164_COS		-1954.82	-91.39	140.40	-12.76	-26.78	38.39	-5.16	7.72	-20.99	-38.61	10.32	22.39	11.80	2.87	-2.75	8.74
MRBLD1CB164_SIN		0.00	75.01	-41.21	-29.70	107.36	8.62	30.61	-2.17	7.44	-20.14	7.12	-12.54	3.54	-2.65	-34.38	-5.76
MRBLD1FB42P75_COS		3031.38	181.09	-379.20	215.79	-101.41	5.79	-28.20	-25.95	-53.78	-61.46	37.53	-32.73	5.16	62.88	182.80	-9.65
MRBLD1FB42P75_SIN		0.00	19.84	-50.34	89.31	182.08	75.22	32.20	58.41	20.29	-34.16	46.31	35.80	21.10	-1.62	-18.81	38.72
MRBLD1FB70_COS		412.37	-71.17	-191.34	40.97	-43.02	0.63	-3.67	6.06	4.08	3.81	1.56	0.00	-0.28	-7.97	-38.62	-0.13
MRBLD1FB70_SIN		0.00	-140.43	-9.86	22.48	50.23	10.49	7.84	14.86	5.25	-0.44	3.18	2.21	-0.35	1.95	0.67	-10.86
MRBLD1FB87_COS		-75.33	-39.47	-162.67	-3.20	-31.96	-12.70	-7.16	0.24	12.56	14.13	-4.54	10.25	-0.23	-12.92	-37.09	2.02
MRBLD1FB87_SIN		0.00	-139.73	19.36	35.12	34.76	8.41	-1.12	-8.78	-8.90	1.07	-15.88	-11.37	-6.20	-0.63	7.79	-2.09
MRBLD1FB120_COS		-457.28	-34.29	-247.69	-21.87	7.52	-8.57	5.74	-5.54	-8.94	-9.05	-1.85	-3.71	1.13	16.03	55.32	-4.03
MRBLD1FB120_SIN		0.00	-193.83	39.98	63.95	27.19	1.79	-3.90	-24.49	-5.10	9.00	7.58	4.45	4.59	-3.83	-13.26	3.27
MRBLD1FB164_COS		-99.93	-8.16	-309.88	55.18	105.23	39.28	18.38	1.80	8.35	14.46	-3.81	1.27	2.33	-4.54	-29.10	3.12
MRBLD1FB164_SIN		0	-227.29	12.25	255.17	-59.71	-48.41	-17.04	22.19	3.11	-4.56	-13.6	-7.94	-3.52	-3.73	4.97	4.69

RUN	POINT	Harmonics															
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-153.52	-12.24	-169.15	40.94	82.96	27.52	-10.68	-7.81	12.44	23.52	-10.04	17.29	6.80	15.29	70.98	-8.03
MRBLD1FB180_SIN		0.00	-159.34	8.18	189.55	-49.41	-45.37	-0.57	29.58	-16.68	-13.31	-27.12	-17.13	-2.44	-5.31	-18.09	-0.89
MRBLD1TOR51_COS		-1369.11	43.56	29.57	-7.03	-86.38	-9.79	26.82	24.29	-0.29	-2.78	2.49	4.64	2.60	1.56	13.00	-3.76
MRBLD1TOR51_SIN		0.00	-43.89	10.87	220.69	-32.98	-10.51	-0.37	30.23	6.77	-17.78	-8.79	-2.09	1.13	0.14	8.65	-3.02
MRBLD1TOR71_COS		-230.03	54.89	16.69	-16.90	-73.70	-6.27	28.75	24.66	0.86	-3.89	2.02	7.13	3.48	0.01	5.98	-1.76
MRBLD1TOR71_SIN		0.00	-44.97	6.78	198.61	-41.51	-11.47	0.26	27.87	8.91	-11.89	-9.31	-2.93	1.73	-0.96	6.52	-0.80
MRBLD1TOR130_COS		9.80	49.52	37.38	-14.40	-56.18	-5.72	21.99	18.66	0.88	-2.36	-0.07	-3.65	0.24	0.73	-6.12	-1.49
MRBLD1TOR130_SIN		0.00	-36.95	4.45	191.97	-34.95	-8.48	1.47	22.45	9.70	-6.38	1.48	-0.84	3.66	3.40	3.83	2.88
MRBLD1TOR164_COS		-199.97	34.50	72.04	-15.35	-48.42	-12.14	1.67	8.80	5.30	2.59	1.52	-0.25	0.13	4.15	5.40	0.41
MRBLD1TOR164_SIN		0.00	-8.84	4.95	106.90	-15.89	3.21	7.29	6.17	-0.50	1.45	-0.81	-0.44	1.58	3.73	9.31	2.71
MRFBM1CB26P5_COS		-4494.66	-720.03	-15.45	63.20	-0.94	-18.57	3.18	-1.83	-2.45	-3.97	-6.76	-3.07	-0.53	1.95	7.85	-0.94
MRFBM1CB26P5_SIN		0.00	-102.23	3.30	-12.41	-33.53	-7.72	-15.36	0.54	-4.90	-1.09	8.15	-0.08	0.17	2.76	7.49	1.65
MRFBM1FB9_COS		337.29	36.02	134.09	-38.64	23.81	4.07	5.40	2.96	0.84	-1.53	0.29	2.02	0.75	-0.20	-0.91	0.89
MRFBM1FB9_SIN		0.00	-4.36	47.74	-42.63	-20.06	-6.45	1.53	-1.81	0.90	1.62	-1.22	0.49	-0.44	-2.28	-5.06	0.26
MRFBM1TOR26P5_COS		-341.93	90.78	-0.20	0.02	-1.33	0.31	0.31	0.23	0.14	0.10	0.06	0.08	0.04	-0.02	0.10	0.01
MRFBM1TOR26P5_SIN		0.00	-89.95	0.05	1.27	-0.95	-0.31	0.18	0.08	0.19	-0.10	-0.01	0.11	-0.01	-0.03	-0.28	-0.08

RUN	POINT	Harmonics															
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-833.13	-1497.13	-11.84	158.74	-52.91	-37.05	-20.55	-11.62	-1.74	24.88	-11.53	-38.04	-9.72	13.58	51.56	-18.10
MRPC1CB33P25_SIN		0.00	-19.73	-26.15	-10.87	17.61	-6.17	-4.35	24.88	-10.13	-18.37	27.69	13.91	7.89	18.15	58.78	7.60
MRPC1FB33P25_COS		2148.94	127.00	-307.94	164.51	-122.22	-17.91	-34.54	-43.13	-49.94	-25.82	1.11	-44.85	-11.40	39.98	122.95	-43.25
MRPC1FB33P25_SIN		0.00	144.94	-102.13	109.48	133.93	61.91	15.93	31.93	-10.71	-59.24	52.32	5.08	18.84	48.26	150.14	16.38
MRPC1TOR25P5_COS		-807.14	-12.94	-62.88	8.96	88.21	3.53	-36.93	-31.56	-3.94	3.53	-3.57	-11.51	-5.47	0.49	-11.18	-7.67
MRPC1TOR25P5_SIN		0.00	81.07	-60.04	-223.91	44.89	15.10	3.86	-34.46	-10.14	16.12	11.67	2.45	0.21	3.01	17.51	9.90
MRPLK1LOAD_COS		-78.29	7.03	-5.34	1.50	12.14	0.62	-4.99	-3.96	-0.49	0.36	-0.34	-1.74	-0.59	-0.20	-3.30	-0.90
MRPLK1LOAD_SIN		0.00	-14.78	-3.49	-30.09	5.79	2.56	0.02	-4.11	-1.41	2.06	1.38	-0.44	0.08	0.37	2.82	1.81
PITCHRH_COS		8683.33	-8217.64	-319.62	-22.95	-131.03	97.31	108.96	-75.82	82.98	-35.75	-105.34	-41.43	25.13	33.21	23.54	723.16
PITCHRH_SIN		0.00	2183.43	-457.64	50.52	81.75	-89.48	84.64	42.02	78.00	-129.09	-239.97	-30.57	-34.30	66.36	41.54	500.44
ROLLRH_COS		1376.14	-1992.38	530.67	6.51	-47.01	-702.47	-102.54	-27.26	139.81	90.08	224.27	-2.33	25.27	54.31	-3.80	-774.59
ROLLRH_SIN		0.00	-7924.10	-557.00	-105.28	249.46	607.02	-84.37	-23.66	-69.77	15.56	-6.28	-33.52	31.06	-33.34	-28.62	1029.26
TORQ_COS		35376.36	277.62	-5.51	3.74	-43.05	107.26	3.16	1.75	-9.82	-0.79	29.42	5.58	0.79	-1.00	-7.27	-11.24
TORQ_SIN		0.00	605.51	-26.34	14.57	25.49	37.76	4.32	7.83	9.12	-7.13	-40.67	3.83	-6.37	5.38	-0.66	5.73
THRUST_COS		5736.54	-47.42	14.96	-9.02	13.56	-13.23	0.15	5.99	2.32	-2.02	-18.59	1.08	-0.44	-0.28	-5.42	25.15
THRUST_SIN		0.00	-74.42	7.73	0.29	17.09	-28.86	3.12	5.80	-2.23	4.14	-28.72	-4.26	-0.11	0.02	9.05	-24.63

RUN	POINT	Harmonics															
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.83	60.10	-14.60	1.82	-65.47	8.47	4.35	-0.44	-2.49	-3.59	-9.64	-0.03	-0.80	-1.52	-0.22	21.74
SIDERH_SIN		0.00	184.10	11.42	0.13	-61.63	-117.83	6.43	0.50	1.41	-1.04	0.52	2.03	-0.98	0.67	0.39	-29.90
DRAGRH_COS		-212.69	213.14	7.91	1.43	-5.43	52.38	-15.78	1.87	-1.06	2.88	21.57	3.53	-1.19	-1.29	-1.29	-35.41
DRAGRH_SIN		0.00	-66.55	17.24	3.50	29.76	91.28	-6.41	-2.72	-2.32	6.86	16.87	1.35	1.06	-3.00	-1.34	-21.06

RUN	POINT	Harmonics															
58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.01	0.01	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	0.01	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.93	1.92	-1.03	5.33	-0.66	-0.42	0.44	0.16	-0.54	-0.39	0.07	0.28	0.20	-0.07	-0.67	-0.76
ACT1FORCE_SIN		0.00	11.27	1.29	-1.60	1.60	0.07	-0.22	0.57	0.25	-1.83	0.35	-0.16	0.21	-0.05	0.10	0.42
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.15	-16.18	3.71	-100.00	4.91	5.82	0.09	-0.07	-0.03	0.51	-0.09	-0.08	-0.04	-0.02	-0.02	-0.12
FA1IBVOLTAGE_SIN		0.00	-64.86	-11.58	-282.05	-6.15	0.65	0.48	0.09	-0.01	0.27	0.02	0.02	0.01	-0.10	-0.17	-0.18
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.61	16.35	-3.61	101.37	-4.81	-5.84	0.21	0.01	-0.03	-0.50	0.07	0.06	0.00	0.02	0.02	0.12
FA1OBVOLTAGE_SIN		0.00	64.98	11.51	282.47	6.50	-0.51	0.35	-0.04	0.02	-0.23	-0.02	-0.03	0.02	0.08	0.15	0.15
MRBLD1CB42P75_COS		-3824.18	-1482.16	70.34	136.08	-58.93	-43.43	-33.57	0.38	18.33	62.37	-21.02	-54.26	-17.22	14.03	52.03	-16.09
MRBLD1CB42P75_SIN		0.00	-22.50	-45.10	-1.71	77.48	-15.30	10.36	25.92	-6.41	-13.02	10.95	20.12	9.35	19.93	60.41	3.00

RUN	POINT	Harmonics															
58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2829.69	-814.65	329.57	71.07	-24.49	8.81	-49.74	-7.15	18.07	60.02	3.02	-28.64	-10.61	12.41	28.65	-14.30
MRBLD1CB70_SIN		0.00	-6.17	-57.85	17.64	181.43	-13.30	72.93	32.83	2.21	-13.99	-17.39	16.53	8.72	11.75	45.78	-0.65
MRBLD1CB120_COS		-520.65	-271.66	436.32	43.31	-0.18	75.52	-39.91	-1.84	-9.30	-20.19	31.53	23.87	7.43	-0.31	-4.49	0.42
MRBLD1CB120_SIN		0.00	99.22	-115.23	-9.95	210.70	-7.93	93.32	28.80	22.42	-21.72	-7.63	-10.73	-0.85	-2.97	2.43	-0.69
MRBLD1CB164_COS		-1956.38	-85.88	139.81	-13.94	-32.89	36.81	-12.60	1.54	-19.27	-38.74	13.21	20.64	10.89	0.92	-5.49	5.47
MRBLD1CB164_SIN		0.00	83.38	-41.90	-30.47	114.61	6.17	35.67	0.52	6.03	-19.00	12.56	-9.02	5.83	-1.05	-31.55	-3.33
MRBLD1FB42P75_COS		3010.91	145.03	-376.40	221.69	-86.93	-4.42	-38.77	-20.62	-53.39	-61.46	39.09	-28.31	8.68	63.98	179.21	-9.71
MRBLD1FB42P75_SIN		0.00	12.35	-57.02	73.20	233.59	77.97	19.41	11.50	17.43	-36.55	45.34	39.13	21.17	-4.88	-29.45	26.24
MRBLD1FB70_COS		412.32	-69.21	-190.84	43.95	-39.39	-2.13	-6.26	7.38	4.72	4.38	1.76	0.02	-0.45	-7.95	-37.50	0.23
MRBLD1FB70_SIN		0.00	-142.54	-12.61	15.23	64.79	10.11	4.96	6.79	5.46	-0.32	3.31	2.08	0.00	2.50	3.06	-8.34
MRBLD1FB87_COS		-72.31	-37.44	-163.14	-1.39	-30.47	-12.08	-5.99	0.50	13.22	14.56	-4.68	9.31	-1.18	-13.45	-36.44	1.77
MRBLD1FB87_SIN		0.00	-142.99	18.38	30.85	41.64	8.88	0.07	-3.97	-8.12	1.63	-15.33	-11.64	-6.10	0.13	10.02	0.32
MRBLD1FB120_COS		-450.84	-29.03	-249.16	-21.96	5.36	-7.02	7.74	-7.85	-10.80	-9.51	-1.18	-3.02	1.99	17.10	54.92	-3.35
MRBLD1FB120_SIN		0.00	-200.74	37.55	56.97	24.87	0.64	-1.42	-14.40	-5.40	9.01	7.03	4.36	4.41	-4.70	-16.93	-0.66
MRBLD1FB164_COS		-101.41	-4.01	-311.29	55.27	105.17	39.34	14.75	4.80	10.09	15.52	-4.44	0.61	1.94	-4.94	-29.20	2.88
MRBLD1FB164_SIN		0.00	-236.75	12.52	255.80	-80.12	-51.27	-19.39	5.84	3.17	-4.87	-12.36	-7.29	-3.20	-3.72	7.17	7.66

RUN	POINT	Harmonics															
58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-156.47	-10.52	-169.96	40.46	83.19	27.88	-11.73	-2.17	17.31	26.79	-8.55	16.03	6.53	16.84	70.89	-7.57
MRBLD1FB180_SIN		0.00	-165.19	9.30	193.48	-61.32	-45.43	-0.89	17.03	-17.13	-13.21	-26.13	-16.68	-1.34	-5.29	-23.59	-7.41
MRBLD1TOR51_COS		-1371.47	45.43	30.29	-7.06	-85.94	-11.44	26.18	27.50	0.26	-1.51	2.94	5.03	3.13	2.59	14.14	-1.57
MRBLD1TOR51_SIN		0.00	-43.13	11.15	219.65	-28.31	-8.20	-4.62	21.30	7.21	-17.21	-8.68	-2.48	0.96	0.03	7.51	-3.79
MRBLD1TOR71_COS		-231.07	55.16	17.66	-16.81	-72.81	-7.29	28.58	26.23	1.02	-2.88	2.57	7.28	3.79	0.63	7.00	-0.48
MRBLD1TOR71_SIN		0.00	-45.07	7.07	197.79	-39.25	-9.51	-3.35	21.13	9.09	-11.34	-9.14	-3.32	1.51	-0.76	5.92	-1.19
MRBLD1TOR130_COS		9.25	50.13	38.07	-14.63	-55.02	-6.44	21.78	19.88	0.99	-1.68	0.04	-4.08	-0.16	0.31	-5.97	-2.38
MRBLD1TOR130_SIN		0.00	-36.88	4.89	191.99	-35.58	-7.00	-1.49	16.19	9.67	-6.50	1.14	-0.94	3.40	3.70	4.23	3.06
MRBLD1TOR164_COS		-199.44	34.71	72.87	-15.58	-48.55	-12.76	1.97	8.81	5.19	2.77	1.71	-0.85	-0.38	3.71	5.72	-0.13
MRBLD1TOR164_SIN		0.00	-8.06	5.32	106.88	-13.66	4.18	5.92	3.79	-0.57	1.45	-0.80	-0.10	1.76	4.19	9.29	2.75
MRFBM1CB26P5_COS		-4469.65	-650.84	-15.78	62.82	0.76	-19.11	4.46	0.61	-3.06	-3.92	-6.29	-2.83	-0.36	1.61	7.83	-0.58
MRFBM1CB26P5_SIN		0.00	-77.54	2.65	-12.09	-33.51	-6.98	-17.76	-1.55	-4.35	-1.28	7.97	0.30	0.32	2.55	7.01	1.58
MRFBM1FB9_COS		308.79	-6.60	134.16	-40.41	25.10	4.89	5.76	1.07	0.62	-1.68	0.32	2.10	0.76	-0.37	-1.22	0.45
MRFBM1FB9_SIN		0.00	5.44	49.63	-39.84	-26.69	-6.21	2.91	-0.22	0.80	1.58	-1.28	0.34	-0.44	-2.28	-4.84	0.35
MRFBM1TOR26P5_COS		-342.09	90.31	-0.22	0.02	-1.35	0.31	0.31	0.25	0.15	0.11	0.07	0.09	0.04	-0.02	0.06	0.02
MRFBM1TOR26P5_SIN		0.00	-90.20	0.01	1.25	-0.97	-0.31	0.13	0.04	0.19	-0.09	-0.01	0.10	-0.01	-0.04	-0.27	-0.07

RUN	POINT	Harmonics															
58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-804.86	-1372.74	-12.41	160.87	-57.16	-43.26	-22.42	0.92	-1.35	25.69	-13.74	-37.48	-9.10	15.13	54.16	-14.68
MRPC1CB33P25_SIN		0.00	11.87	-25.69	-11.63	27.98	-6.19	-11.01	9.55	-7.71	-19.32	24.57	13.90	8.31	17.60	54.83	4.31
MRPC1FB33P25_COS		2130.76	94.15	-304.72	171.94	-122.77	-26.44	-38.43	-20.78	-47.94	-24.64	2.59	-43.72	-8.95	43.32	130.53	-32.01
MRPC1FB33P25_SIN		0.00	137.53	-108.44	98.28	179.07	61.22	2.60	-2.72	-13.21	-61.49	52.29	10.09	21.28	47.18	139.74	9.22
MRPC1TOR25P5_COS		-805.53	-18.07	-62.22	9.07	86.54	5.16	-36.34	-34.01	-4.45	2.17	-4.43	-12.12	-6.07	-0.36	-10.25	-9.21
MRPC1TOR25P5_SIN		0.00	78.93	-62.73	-223.53	41.06	11.31	7.77	-26.74	-11.27	15.12	11.15	3.00	0.44	3.12	17.59	10.37
MRPLK1LOAD_COS		-77.95	6.96	-5.44	1.51	11.90	0.81	-4.88	-4.35	-0.56	0.17	-0.44	-1.92	-0.67	-0.32	-3.03	-1.20
MRPLK1LOAD_SIN		0.00	-14.72	-3.57	-29.91	5.18	2.19	0.57	-2.92	-1.51	1.90	1.33	-0.34	0.07	0.48	2.87	1.82
PITCHRH_COS		9413.72	-8205.44	-313.28	-25.74	-116.59	218.03	123.39	-88.70	76.20	-25.70	-86.82	-48.85	23.31	32.95	33.56	726.60
PITCHRH_SIN		0.00	2215.43	-469.54	63.04	83.87	54.55	53.67	5.58	102.35	-150.21	-240.53	-16.89	-33.64	66.27	31.95	407.97
ROLLRH_COS		1264.15	-1978.62	525.82	0.74	-46.72	-1011.83	-72.33	-30.33	125.58	101.30	212.18	-19.76	38.00	32.69	9.15	-693.19
ROLLRH_SIN		0.00	-7897.85	-545.87	-105.42	235.84	704.13	-89.91	-52.01	-45.05	-3.19	-1.35	-37.72	22.50	-35.16	-18.94	1004.96
TORQ_COS		35711.36	310.53	-8.19	6.28	-31.00	108.42	2.13	-7.00	-5.54	0.38	29.74	5.54	1.48	0.33	-7.70	-11.87
TORQ_SIN		0.00	629.56	-21.10	17.82	28.06	35.61	5.88	14.64	7.44	-6.90	-38.54	4.14	-4.51	5.04	-1.77	5.31
THRUST_COS		5654.62	-47.74	15.28	-8.60	13.44	-10.35	-0.38	1.92	1.86	-2.81	-17.97	0.97	-0.16	0.77	-5.11	14.64
THRUST_SIN		0.00	-76.12	7.58	0.58	16.80	-29.46	3.37	13.34	-3.19	5.64	-28.23	-4.33	-0.29	-1.05	9.64	-21.44

RUN	POINT	Harmonics															
58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.42	51.89	-15.10	2.35	-66.29	20.36	3.24	-0.04	-2.47	-4.07	-9.26	0.70	-1.19	-0.89	-0.64	19.39
SIDERH_SIN		0.00	180.15	11.27	0.64	-54.06	-139.13	6.54	1.31	0.27	-0.09	0.52	2.16	-0.51	0.87	0.09	-29.28
DRAGRH_COS		-208.64	212.42	8.52	1.19	-3.17	49.62	-17.06	1.40	-1.28	2.03	19.77	3.85	-0.34	-0.97	-1.53	-34.49
DRAGRH_SIN		0.00	-65.91	17.36	3.04	30.97	116.02	-2.89	-3.84	-2.50	8.42	15.77	0.27	0.36	-3.47	-1.34	-16.29

RUN	POINT	Harmonics															
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.01	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.00	-0.08	0.01	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.05	1.99	-0.91	5.31	-0.79	-0.35	0.39	0.07	-0.47	-0.43	0.12	0.18	0.14	-0.07	-0.61	-0.73
ACT1FORCE_SIN		0.00	11.19	1.40	-1.39	1.49	0.24	-0.21	0.68	0.20	-1.85	0.29	-0.11	0.18	0.01	0.07	0.38
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.38	-16.23	3.33	-100.08	5.76	4.83	0.07	-0.08	-0.02	0.52	-0.09	-0.08	-0.03	-0.03	-0.02	-0.12
FA1IBVOLTAGE_SIN		0.00	-64.11	-11.62	-283.13	-5.90	0.00	0.47	0.09	0.00	0.28	0.05	0.00	-0.01	-0.11	-0.15	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.38	16.39	-3.23	101.10	-5.67	-4.86	0.23	0.02	-0.03	-0.51	0.06	0.06	0.00	0.03	0.02	0.12
FA1OBVOLTAGE_SIN		0.00	64.25	11.55	283.68	6.25	0.13	0.37	-0.03	0.01	-0.23	-0.04	-0.01	0.04	0.08	0.13	0.14
MRBLD1CB42P75_COS		-3819.71	-1571.03	67.71	142.67	-59.03	-45.01	-24.55	-1.71	19.39	65.51	0.65	-47.56	-15.56	14.37	50.47	-11.68
MRBLD1CB42P75_SIN		0.00	-91.55	-53.90	0.99	80.46	-11.38	14.48	24.70	-11.47	-13.15	-0.96	35.44	12.27	15.54	49.72	3.62

RUN	POINT	Harmonics															
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2833.86	-867.68	335.19	77.19	-23.05	6.27	-41.62	-6.56	18.05	63.69	13.46	-22.54	-9.78	9.90	27.30	-12.61
MRBLD1CB70_SIN		0.00	-57.77	-62.00	17.76	184.11	-7.90	75.43	28.75	-0.54	-14.67	-28.52	27.18	10.65	8.48	38.75	-1.31
MRBLD1CB120_COS		-519.04	-290.12	444.62	44.57	-2.70	72.15	-37.83	1.70	-12.90	-20.46	21.89	19.41	5.77	-1.45	-3.69	0.65
MRBLD1CB120_SIN		0.00	69.47	-114.27	-11.51	213.48	-6.64	92.75	25.36	23.72	-21.29	0.17	-17.06	-2.29	-2.44	2.49	-0.84
MRBLD1CB164_COS		-1955.99	-89.83	141.37	-14.94	-33.35	34.97	-14.35	3.70	-22.29	-40.21	5.61	16.81	10.31	2.75	-6.11	3.76
MRBLD1CB164_SIN		0.00	74.55	-41.58	-27.34	115.70	5.38	33.15	-0.13	8.16	-17.81	22.19	-15.96	3.34	-0.75	-28.46	-2.40
MRBLD1FB42P75_COS		3007.34	171.33	-386.13	225.72	-107.36	0.70	-24.89	-19.50	-57.87	-54.49	64.22	-20.09	8.99	56.49	157.13	-4.53
MRBLD1FB42P75_SIN		0.00	25.74	-58.73	89.63	238.55	76.56	19.04	18.80	19.70	-33.10	36.07	49.47	23.76	-10.76	-41.22	19.66
MRBLD1FB70_COS		410.32	-69.99	-194.85	45.51	-45.87	-1.13	-3.46	6.84	4.08	4.62	1.23	-0.54	-0.38	-6.83	-33.92	-1.39
MRBLD1FB70_SIN		0.00	-140.65	-13.82	22.60	66.54	11.19	5.08	7.09	4.29	-0.67	2.40	1.47	-0.84	3.16	5.63	-6.70
MRBLD1FB87_COS		-73.48	-38.19	-166.65	-0.06	-33.08	-11.48	-6.40	0.43	13.75	13.37	-9.69	6.95	-1.66	-11.61	-30.93	1.41
MRBLD1FB87_SIN		0.00	-139.48	16.72	35.62	41.54	9.22	-0.39	-4.71	-8.78	0.82	-12.04	-13.38	-6.25	1.40	12.44	1.73
MRBLD1FB120_COS		-450.14	-30.85	-254.38	-18.57	5.65	-6.00	4.97	-7.67	-10.16	-9.63	0.54	-1.57	2.22	14.34	46.78	-3.07
MRBLD1FB120_SIN		0.00	-194.23	35.00	63.37	23.07	1.32	-3.19	-14.96	-4.07	9.39	5.33	4.18	4.15	-5.84	-20.03	-2.80
MRBLD1FB164_COS		-98.79	-6.34	-316.59	61.35	106.97	35.72	13.59	6.06	9.03	15.60	-7.02	-0.69	1.81	-3.91	-24.93	3.11
MRBLD1FB164_SIN		0.00	-224.53	7.70	255.17	-80.92	-53.14	-16.39	7.95	1.80	-3.88	-10.41	-7.47	-3.57	-3.12	8.32	7.38

RUN	POINT	Harmonics															
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-154.87	-10.62	-171.62	44.23	84.48	24.38	-10.55	-2.36	15.51	24.69	-17.65	13.06	6.22	13.44	60.08	-7.09
MRBLD1FB180_SIN		0.00	-157.39	6.30	190.13	-61.91	-47.13	1.67	18.09	-17.98	-13.53	-19.04	-19.55	-1.49	-5.97	-26.58	-8.48
MRBLD1TOR51_COS		-1370.98	43.59	28.47	-7.31	-86.03	-8.30	27.82	26.17	-0.25	-1.66	1.77	4.54	2.26	1.62	12.95	-1.17
MRBLD1TOR51_SIN		0.00	-44.06	9.81	221.10	-29.22	-9.36	-2.34	23.44	5.22	-17.86	-8.55	-2.07	1.00	-0.54	4.40	-3.69
MRBLD1TOR71_COS		-231.21	54.21	16.00	-17.23	-72.30	-4.57	29.22	25.22	0.86	-3.34	0.36	6.78	3.15	-0.07	6.30	-0.05
MRBLD1TOR71_SIN		0.00	-44.91	5.98	198.62	-39.78	-10.39	-1.26	22.98	7.60	-11.98	-8.85	-3.76	1.41	-1.11	4.04	-1.31
MRBLD1TOR130_COS		9.39	48.87	37.05	-14.77	-53.96	-4.47	22.04	19.67	0.75	-1.94	0.92	-4.31	0.04	0.76	-5.70	-2.47
MRBLD1TOR130_SIN		0.00	-37.02	4.02	191.87	-35.25	-7.92	0.12	17.59	8.93	-6.01	2.27	0.12	3.51	3.42	5.11	2.93
MRBLD1TOR164_COS		-199.45	34.05	73.06	-16.13	-48.61	-11.29	2.93	8.86	5.23	2.59	0.82	-0.57	-0.28	3.69	5.49	0.07
MRBLD1TOR164_SIN		0.00	-9.55	5.63	106.31	-13.04	4.44	6.49	4.20	-0.66	1.38	-0.12	-0.37	1.60	3.29	8.62	2.27
MRFBM1CB26P5_COS		-4469.27	-694.30	-18.25	64.78	1.29	-19.35	4.97	-0.19	-2.79	-4.06	-3.63	-3.15	-0.56	2.14	7.76	0.20
MRFBM1CB26P5_SIN		0.00	-111.67	-0.32	-12.78	-32.45	-7.64	-17.21	-0.42	-4.64	-0.65	9.00	0.86	0.50	2.18	5.72	1.94
MRFBM1FB9_COS		310.07	31.62	138.24	-40.84	27.51	4.69	4.47	1.11	0.76	-1.81	-0.59	2.23	0.77	-0.56	-1.45	0.23
MRFBM1FB9_SIN		0.00	9.71	54.14	-43.98	-26.56	-6.54	2.37	-0.36	0.97	1.31	-1.53	-0.29	-0.57	-2.01	-4.23	0.11
MRFBM1TOR26P5_COS		-341.99	90.66	-0.19	0.03	-1.32	0.33	0.32	0.25	0.15	0.12	0.03	0.11	0.04	-0.02	0.06	0.01
MRFBM1TOR26P5_SIN		0.00	-89.83	0.06	1.29	-1.01	-0.30	0.14	0.04	0.18	-0.13	-0.04	0.09	-0.01	-0.02	-0.28	-0.07

RUN	POINT	Harmonics															
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-798.65	-1451.95	-18.16	166.31	-58.27	-42.97	-15.78	-0.88	-1.04	27.88	3.59	-33.79	-8.26	15.34	52.08	-10.32
MRPC1CB33P25_SIN		0.00	-43.91	-33.52	-9.43	30.26	-4.62	-8.15	10.85	-10.99	-18.29	19.20	24.11	9.94	13.56	44.25	4.69
MRPC1FB33P25_COS		2127.54	117.51	-312.67	172.49	-140.38	-22.45	-27.33	-22.39	-52.21	-20.59	26.60	-44.36	-11.10	42.77	126.58	-23.33
MRPC1FB33P25_SIN		0.00	150.53	-110.10	111.94	178.04	61.13	7.04	3.17	-13.60	-55.11	59.70	23.21	23.15	37.56	115.52	9.60
MRPC1TOR25P5_COS		-805.33	-14.18	-61.81	9.25	86.09	1.62	-37.51	-33.03	-4.20	2.53	-0.64	-11.39	-5.93	0.51	-8.95	-8.06
MRPC1TOR25P5_SIN		0.00	80.52	-59.85	-224.37	41.86	13.11	5.86	-28.92	-9.12	16.43	11.20	4.85	0.54	2.64	19.10	10.03
MRPLK1LOAD_COS		-77.96	7.06	-5.24	1.53	11.91	0.34	-5.09	-4.19	-0.53	0.15	0.02	-1.92	-0.69	-0.20	-2.82	-1.04
MRPLK1LOAD_SIN		0.00	-14.71	-3.40	-30.12	5.29	2.38	0.29	-3.18	-1.23	2.10	1.47	-0.15	0.08	0.38	3.26	1.70
PITCHRH_COS		8781.88	-8212.51	-322.45	-21.75	-134.74	239.75	126.77	-65.72	90.41	-36.85	-88.35	-60.79	22.85	43.72	34.93	698.68
PITCHRH_SIN		0.00	2211.21	-457.69	62.97	70.24	85.63	61.78	0.03	115.72	-171.70	-191.96	-25.61	-33.23	56.19	29.38	332.20
ROLLRH_COS		1131.79	-1991.58	529.14	1.70	-75.65	-1015.72	-108.57	-11.52	121.38	119.38	233.73	-8.97	35.24	32.24	-5.24	-608.04
ROLLRH_SIN		0.00	-7882.89	-540.40	-105.07	242.50	615.72	-87.30	-38.26	-53.10	-14.04	6.63	-44.02	27.20	-29.84	-12.47	975.77
TORQ_COS		35750.38	308.10	-9.04	2.45	-49.76	116.93	1.97	-4.63	-10.42	0.36	18.83	4.17	-0.95	-0.84	-6.20	-10.98
TORQ_SIN		0.00	624.58	-22.24	15.74	18.02	29.53	5.99	11.99	10.15	-7.62	-39.45	3.52	-6.08	5.33	-1.42	7.15
THRUST_COS		5657.58	-48.02	15.04	-8.11	14.73	-12.08	0.33	1.44	1.81	-2.41	-28.44	1.32	-0.38	-0.50	-4.59	15.09
THRUST_SIN		0.00	-73.57	7.22	1.65	18.70	-31.05	3.92	10.58	-2.39	5.52	-28.28	-4.58	-0.68	-0.50	9.59	-20.84

RUN	POINT	Harmonics															
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.31	53.70	-15.17	1.94	-61.81	23.74	3.82	-0.52	-2.34	-4.88	-10.07	0.11	-1.21	-0.97	-0.18	16.98
SIDERH_SIN		0.00	176.65	11.45	0.62	-60.50	-131.03	8.23	0.98	0.74	0.64	0.32	2.50	-0.80	0.71	-0.07	-28.05
DRAGRH_COS		-213.10	212.34	8.36	1.10	-5.43	40.19	-15.55	1.97	-1.69	1.68	21.75	4.95	0.11	-1.44	-1.69	-33.57
DRAGRH_SIN		0.00	-65.79	16.84	2.90	29.59	119.16	-6.91	-2.44	-2.45	9.93	12.61	1.27	0.91	-2.07	-0.70	-12.86

RUN	POINT	Harmonics															
58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.06	0.00	0.00	0.01	0.02	-0.01	-0.01	0.00	0.01	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.01	0.00	-0.08	0.02	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.09	1.82	-0.94	5.25	-0.70	-0.28	0.39	0.25	-0.48	-0.36	0.03	0.22	0.11	-0.02	-0.63	-0.74
ACT1FORCE_SIN		0.00	11.16	1.36	-1.55	1.45	0.08	-0.12	0.48	0.22	-1.86	0.38	-0.09	0.29	-0.04	0.04	0.35
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.13	-15.08	4.05	-97.65	5.60	4.88	0.06	-0.05	-0.02	0.50	-0.11	-0.09	-0.04	-0.02	-0.01	-0.10
FA1IBVOLTAGE_SIN		0.00	-64.60	-11.86	-282.52	-4.85	0.55	0.46	0.10	0.01	0.30	0.03	0.01	-0.01	-0.09	-0.15	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.64	15.26	-3.95	99.02	-5.52	-4.91	0.23	-0.01	-0.03	-0.49	0.08	0.07	0.01	0.02	0.01	0.10
FA1OBVOLTAGE_SIN		0.00	64.73	11.80	282.95	5.20	-0.41	0.37	-0.05	0.00	-0.25	-0.03	-0.02	0.04	0.06	0.14	0.15
MRBLD1CB42P75_COS		-3814.26	-1636.16	64.17	143.63	-67.64	-44.63	-29.76	-33.39	19.68	60.88	-1.60	-43.66	-13.93	12.16	44.02	-11.86
MRBLD1CB42P75_SIN		0.00	-111.13	-58.74	16.98	66.57	-12.05	10.84	25.00	-10.23	-9.48	7.54	29.84	10.62	16.27	50.00	3.68

RUN	POINT	Harmonics															
58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2838.61	-910.15	329.86	76.06	-29.50	6.68	-47.44	-31.74	17.01	59.14	18.04	-20.10	-8.59	9.42	22.19	-12.93
MRBLD1CB70_SIN		0.00	-72.52	-65.08	33.63	172.99	-8.11	65.99	32.94	-0.25	-10.38	-17.34	24.61	9.59	8.55	38.55	0.05
MRBLD1CB120_COS		-516.71	-305.96	440.49	45.14	-10.81	73.94	-38.65	-14.16	-15.74	-22.42	19.73	18.43	5.59	-0.64	-3.25	0.45
MRBLD1CB120_SIN		0.00	61.78	-115.77	3.56	201.10	-3.84	81.89	31.27	21.89	-23.21	-3.25	-16.02	-2.19	-2.90	2.43	0.10
MRBLD1CB164_COS		-1955.94	-93.01	141.49	-13.43	-36.62	36.03	-10.95	8.09	-23.58	-39.74	0.55	16.07	10.67	2.73	-3.61	4.44
MRBLD1CB164_SIN		0.00	71.18	-40.97	-22.32	108.88	7.06	30.29	2.74	6.87	-21.23	12.93	-15.66	2.47	-1.61	-28.14	-3.93
MRBLD1FB42P75_COS		3001.25	189.16	-387.32	245.86	-127.59	-0.70	-30.54	-83.66	-58.02	-59.93	42.27	-23.29	10.39	57.07	154.82	-1.78
MRBLD1FB42P75_SIN		0.00	29.05	-54.70	122.49	210.78	72.29	18.21	47.61	22.78	-32.96	47.71	37.90	18.97	-6.85	-29.54	22.27
MRBLD1FB70_COS		409.64	-69.90	-193.31	51.60	-52.52	-1.92	-5.01	-4.50	3.91	4.21	1.83	-0.51	-0.82	-6.80	-32.90	-1.74
MRBLD1FB70_SIN		0.00	-142.15	-12.94	33.75	57.67	9.41	4.90	13.00	5.06	-0.43	2.82	1.95	-0.26	2.64	3.22	-6.94
MRBLD1FB87_COS		-74.43	-38.84	-164.97	2.29	-35.59	-12.53	-6.47	5.98	12.97	13.29	-5.94	7.83	-1.45	-11.70	-30.96	0.49
MRBLD1FB87_SIN		0.00	-140.33	17.27	41.09	38.31	8.07	-0.61	-7.45	-9.13	0.90	-14.86	-11.01	-5.28	0.57	9.75	0.81
MRBLD1FB120_COS		-450.86	-31.32	-252.25	-16.63	8.47	-6.02	7.04	8.70	-8.80	-7.42	-0.18	-2.06	2.01	14.74	47.02	-1.56
MRBLD1FB120_SIN		0.00	-193.04	35.99	66.56	25.39	0.78	-2.17	-23.66	-4.36	9.19	6.36	3.48	3.38	-4.86	-16.00	-1.61
MRBLD1FB164_COS		-99.35	-6.58	-320.45	63.29	114.23	39.77	16.36	-19.74	6.03	10.77	-6.47	-0.28	1.28	-4.32	-25.78	1.27
MRBLD1FB164_SIN		0.00	-221.40	7.02	261.41	-64.55	-48.48	-15.99	18.01	3.36	-4.45	-13.27	-8.22	-3.45	-3.48	6.60	6.72

RUN	POINT	Harmonics															
58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-155.07	-11.24	-176.40	44.65	89.47	27.36	-11.28	-25.30	13.39	22.64	-13.37	13.01	6.03	14.12	60.95	-3.54
MRBLD1FB180_SIN		0.00	-154.92	5.60	193.90	-49.95	-43.46	-0.49	28.30	-16.38	-12.92	-25.75	-18.16	-4.10	-6.96	-21.37	-6.41
MRBLD1TOR51_COS		-1370.72	42.68	28.31	-7.03	-87.12	-8.71	24.15	10.47	-1.42	-1.83	3.05	4.57	2.49	2.10	12.24	-1.30
MRBLD1TOR51_SIN		0.00	-44.15	10.44	224.88	-33.47	-8.74	0.02	28.02	6.01	-17.90	-8.72	-1.86	1.27	-0.41	6.11	-2.50
MRBLD1TOR71_COS		-231.01	54.11	16.34	-17.56	-72.66	-4.98	26.11	13.89	-0.15	-3.17	2.14	6.47	3.13	0.30	5.77	-0.21
MRBLD1TOR71_SIN		0.00	-44.85	6.77	200.74	-42.63	-9.87	0.99	27.16	8.03	-12.03	-9.14	-3.26	1.60	-1.17	5.09	-0.28
MRBLD1TOR130_COS		9.44	48.60	37.32	-15.86	-54.34	-5.20	20.26	9.71	-0.33	-2.62	0.06	-3.86	0.19	0.46	-5.86	-2.31
MRBLD1TOR130_SIN		0.00	-36.95	4.51	192.62	-36.36	-7.37	1.99	21.46	9.16	-6.64	1.60	-0.50	3.53	3.11	4.04	2.39
MRBLD1TOR164_COS		-199.23	33.63	73.55	-17.16	-49.28	-12.62	1.07	5.85	5.01	2.08	0.82	-0.79	0.16	3.39	4.88	0.27
MRBLD1TOR164_SIN		0.00	-9.57	5.88	105.43	-16.00	3.22	6.43	6.36	-0.32	1.66	-0.72	-0.66	1.34	3.25	7.86	2.10
MRFBM1CB26P5_COS		-4461.32	-735.06	-18.91	65.89	-1.23	-19.07	4.92	-2.63	-2.47	-4.01	-5.98	-3.05	-0.47	1.87	7.32	0.12
MRFBM1CB26P5_SIN		0.00	-130.90	-1.91	-10.58	-34.69	-7.31	-15.97	-1.30	-4.60	-1.08	7.50	0.08	0.31	2.44	6.08	1.95
MRFBM1FB9_COS		305.49	65.03	138.93	-42.57	28.59	4.42	4.94	4.82	0.96	-1.47	-0.09	2.01	0.72	-0.34	-1.09	0.52
MRFBM1FB9_SIN		0.00	5.96	53.93	-52.68	-21.99	-5.60	2.71	1.04	1.11	1.61	-1.21	0.06	-0.60	-1.97	-4.15	0.14
MRFBM1TOR26P5_COS		-341.92	90.98	-0.17	0.03	-1.28	0.32	0.28	0.15	0.14	0.14	0.07	0.09	0.03	-0.01	0.09	0.01
MRFBM1TOR26P5_SIN		0.00	-89.65	0.12	1.32	-1.00	-0.29	0.18	0.07	0.20	-0.12	-0.01	0.11	0.00	-0.02	-0.26	-0.08

RUN	POINT	Harmonics															
58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-794.69	-1503.58	-21.46	168.48	-67.32	-42.27	-18.17	-28.31	-0.37	24.91	-2.92	-30.92	-6.66	13.83	46.79	-10.57
MRPC1CB33P25_SIN		0.00	-52.80	-38.49	3.59	17.75	-3.97	-8.21	10.70	-10.67	-17.21	22.22	18.99	8.66	14.60	45.02	5.55
MRPC1FB33P25_COS		2121.84	132.73	-314.34	183.04	-150.36	-22.05	-31.48	-83.17	-53.65	-24.69	4.26	-39.44	-6.59	39.90	114.87	-23.65
MRPC1FB33P25_SIN		0.00	153.36	-106.35	142.02	151.04	58.04	4.01	0.91	-11.33	-58.13	55.92	13.03	20.71	40.26	119.88	13.36
MRPC1TOR25P5_COS		-806.00	-12.09	-62.01	9.30	87.08	2.16	-33.73	-18.40	-2.62	2.12	-3.09	-10.61	-5.35	-0.54	-10.20	-7.63
MRPC1TOR25P5_SIN		0.00	80.60	-59.36	-226.78	45.76	13.06	2.89	-34.05	-9.78	16.19	11.24	3.57	0.17	2.51	16.06	8.71
MRPLK1LOAD_COS		-77.93	6.99	-5.21	1.47	12.04	0.47	-4.54	-2.05	-0.31	0.09	-0.34	-1.74	-0.55	-0.34	-2.99	-0.97
MRPLK1LOAD_SIN		0.00	-14.68	-3.56	-30.44	5.81	2.31	-0.05	-3.94	-1.34	2.08	1.37	-0.35	0.06	0.33	2.69	1.62
PITCHRH_COS		8243.34	-8197.50	-331.39	-24.79	-122.78	74.19	135.17	-68.37	76.87	-42.56	-40.26	-58.03	24.25	38.83	27.58	651.82
PITCHRH_SIN		0.00	2169.11	-455.23	57.77	95.94	-44.36	67.20	8.36	89.13	-133.82	-176.85	-55.60	-26.53	53.71	20.20	368.72
ROLLRH_COS		1178.99	-1977.49	525.65	6.55	-64.08	-838.68	-69.42	-18.76	119.68	83.31	239.44	10.04	24.82	48.06	-1.03	-650.29
ROLLRH_SIN		0.00	-7920.41	-535.00	-94.14	226.59	469.39	-20.39	-39.03	-51.72	7.37	-0.12	-52.37	32.46	-25.39	-42.39	917.09
TORQ_COS		35892.35	297.47	-7.10	2.71	-30.58	118.00	3.81	-2.43	-10.70	0.84	24.66	4.31	0.47	-0.78	-7.30	-11.57
TORQ_SIN		0.00	592.57	-22.29	17.74	39.62	30.06	5.97	13.21	8.44	-6.70	-35.61	6.02	-7.10	6.90	-0.53	6.50
THRUST_COS		5644.33	-49.08	14.75	-7.05	12.94	-10.07	-0.72	4.01	2.42	-1.55	-23.34	2.47	0.00	-1.39	-2.86	18.06
THRUST_SIN		0.00	-73.87	7.23	0.55	14.65	-29.11	2.60	10.23	-2.09	3.39	-29.07	-2.86	-1.06	-0.25	9.28	-21.52

RUN	POINT	Harmonics															
58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.56	54.76	-14.47	1.74	-61.65	23.93	3.46	-0.86	-2.18	-3.28	-10.45	-1.10	-0.85	-1.39	-0.28	18.36
SIDERH_SIN		0.00	185.83	10.86	0.83	-53.32	-116.93	5.55	1.06	0.92	-0.79	0.30	2.89	-1.04	0.54	0.95	-26.44
DRAGRH_COS		-217.17	212.60	7.98	0.55	-4.53	45.01	-17.13	2.30	-0.85	3.61	18.75	5.17	-0.54	-1.60	-1.58	-31.47
DRAGRH_SIN		0.00	-65.81	16.69	2.78	29.35	102.56	-5.63	-1.94	-2.05	7.86	13.38	3.42	1.01	-2.44	-0.65	-14.93

RUN	POINT	Harmonics															
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.01	0.01	0.01	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.01	0.01	-0.08	0.02	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.28	1.89	-1.34	5.35	-0.53	-0.35	0.36	0.11	-0.48	-0.31	0.08	0.22	0.09	-0.10	-0.63	-0.70
ACT1FORCE_SIN		0.00	11.24	1.30	-1.67	1.48	0.19	-0.20	0.51	0.28	-1.87	0.44	-0.11	0.22	-0.07	0.10	0.41
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.81	-16.10	6.15	-99.05	4.64	5.36	0.08	-0.06	-0.03	0.52	-0.11	-0.07	-0.04	-0.01	-0.01	-0.11
FA1IBVOLTAGE_SIN		0.00	-65.00	-11.47	-281.94	-5.72	0.21	0.48	0.10	0.01	0.30	0.03	0.02	-0.01	-0.10	-0.16	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.95	16.25	-6.07	100.05	-4.55	-5.39	0.22	0.00	-0.02	-0.51	0.08	0.05	0.00	0.01	0.02	0.10
FA1OBVOLTAGE_SIN		0.00	65.14	11.40	282.48	6.05	-0.09	0.35	-0.06	0.00	-0.25	-0.03	-0.03	0.03	0.08	0.15	0.15
MRBLD1CB42P75_COS		-3826.23	-1576.54	90.64	135.06	-57.47	-42.55	-29.00	-6.94	17.57	60.77	-2.18	-51.52	-17.48	14.15	52.59	-14.04
MRBLD1CB42P75_SIN		0.00	-59.57	-44.75	-1.89	75.15	-12.42	17.12	36.77	-8.70	-15.43	19.44	33.64	11.28	18.79	54.42	4.14

RUN	POINT	Harmonics															
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2835.90	-870.28	341.74	75.50	-18.66	10.80	-39.81	-9.82	15.86	59.80	14.86	-24.31	-11.10	10.65	28.19	-14.21
MRBLD1CB70_SIN		0.00	-38.48	-56.52	13.54	179.68	-10.89	78.13	39.86	1.88	-16.54	-13.82	26.67	10.57	11.50	42.11	1.07
MRBLD1CB120_COS		-507.97	-288.93	440.32	48.10	4.95	78.74	-27.83	-0.90	-14.67	-20.77	20.95	21.07	6.51	-1.27	-4.50	-0.11
MRBLD1CB120_SIN		0.00	77.55	-114.05	-13.46	206.79	-6.14	96.26	33.54	26.97	-18.22	-10.97	-16.90	-2.35	-3.74	2.43	0.03
MRBLD1CB164_COS		-1951.26	-90.13	137.93	-12.86	-30.31	38.05	-7.90	4.68	-22.25	-39.72	4.29	17.96	11.16	1.85	-6.19	5.46
MRBLD1CB164_SIN		0.00	75.35	-40.78	-29.08	112.88	5.94	34.81	-0.32	9.66	-14.17	10.37	-16.54	2.64	-2.82	-30.52	-5.18
MRBLD1FB42P75_COS		3009.53	171.19	-364.31	214.73	-96.18	4.08	-28.62	-20.87	-52.53	-55.19	57.38	-25.83	8.65	61.79	170.74	-4.61
MRBLD1FB42P75_SIN		0.00	19.09	-56.41	83.33	217.29	84.96	27.49	43.88	30.22	-26.73	51.82	49.24	21.72	-8.10	-38.01	25.76
MRBLD1FB70_COS		409.56	-70.09	-185.51	41.62	-42.08	-0.21	-4.02	6.97	4.11	3.87	1.61	-0.31	-0.64	-7.94	-36.67	-1.33
MRBLD1FB70_SIN		0.00	-140.44	-11.92	19.28	60.76	12.91	7.45	12.50	6.60	0.02	2.98	1.56	-0.22	2.90	4.61	-8.25
MRBLD1FB87_COS		-76.09	-38.80	-160.46	-2.83	-31.44	-12.21	-6.93	0.13	12.66	13.00	-9.46	8.01	-1.22	-12.73	-34.37	0.92
MRBLD1FB87_SIN		0.00	-140.30	18.11	32.17	38.84	8.59	-0.83	-7.70	-10.22	-0.29	-16.65	-14.57	-6.59	0.74	12.00	0.50
MRBLD1FB120_COS		-455.47	-31.72	-245.75	-21.43	7.52	-7.17	5.37	-7.22	-9.22	-8.52	0.59	-1.70	2.71	16.53	52.04	-2.14
MRBLD1FB120_SIN		0.00	-196.12	38.61	59.25	25.14	-0.27	-4.13	-22.26	-6.60	8.66	7.66	6.05	4.36	-5.68	-19.63	-0.94
MRBLD1FB164_COS		-106.11	-5.43	-298.77	57.24	106.27	37.71	16.57	3.99	7.72	13.07	-7.85	-1.10	1.38	-4.60	-27.42	2.21
MRBLD1FB164_SIN		0.00	-229.69	10.58	251.51	-75.47	-52.89	-17.73	19.53	6.28	-4.45	-14.23	-10.98	-3.44	-2.69	8.79	6.85

RUN	POINT	Harmonics															
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-159.20	-10.19	-160.63	42.30	83.75	26.08	-10.66	-3.96	14.05	21.70	-20.03	12.89	6.02	15.48	66.75	-6.48
MRBLD1FB180_SIN		0.00	-160.70	7.59	189.10	-59.05	-46.07	1.00	28.72	-14.77	-14.74	-28.11	-21.58	-2.11	-6.00	-26.28	-7.31
MRBLD1TOR51_COS		-1369.92	44.25	32.85	-8.05	-88.07	-8.95	28.79	25.22	-0.57	-1.84	2.03	4.70	2.02	1.66	14.23	-0.71
MRBLD1TOR51_SIN		0.00	-43.85	10.66	221.39	-31.13	-11.60	1.59	29.19	7.42	-18.62	-9.56	-2.71	1.21	-0.43	5.67	-3.69
MRBLD1TOR71_COS		-231.09	54.97	19.41	-17.60	-74.72	-5.18	30.52	24.91	0.71	-3.22	1.11	6.92	2.89	-0.08	7.00	0.13
MRBLD1TOR71_SIN		0.00	-45.23	6.61	199.37	-40.95	-12.78	2.00	27.36	9.19	-12.67	-10.36	-3.99	1.67	-1.16	4.87	-1.20
MRBLD1TOR130_COS		8.89	49.53	39.42	-15.00	-56.93	-5.21	23.38	18.86	0.42	-2.61	0.26	-4.71	-0.12	0.40	-6.40	-3.06
MRBLD1TOR130_SIN		0.00	-37.46	4.46	193.05	-35.72	-9.94	2.60	21.76	10.45	-6.07	2.28	-0.16	3.65	3.57	4.63	2.78
MRBLD1TOR164_COS		-199.21	34.36	71.56	-15.73	-49.65	-12.23	2.66	9.09	5.43	1.96	0.62	-1.01	0.25	4.04	5.39	-0.81
MRBLD1TOR164_SIN		0.00	-9.09	4.98	107.74	-13.95	3.31	7.86	5.39	-0.47	1.64	-0.86	-0.34	1.44	3.81	9.10	2.70
MRFBM1CB26P5_COS		-4473.79	-699.46	-7.00	61.83	-0.53	-19.58	3.42	-0.87	-2.53	-4.20	-4.93	-3.56	-0.41	2.07	8.10	-0.14
MRFBM1CB26P5_SIN		0.00	-98.21	3.20	-11.62	-33.51	-7.27	-16.97	0.01	-4.63	-0.66	9.50	0.63	0.35	2.34	6.42	1.82
MRFBM1FB9_COS		315.97	28.14	123.10	-38.57	25.35	4.54	5.19	2.26	1.03	-1.56	-0.07	2.30	0.94	-0.38	-1.32	0.54
MRFBM1FB9_SIN		0.00	-0.63	48.81	-41.34	-24.08	-7.02	1.77	-1.35	0.60	1.35	-1.83	0.00	-0.64	-2.23	-4.67	0.11
MRFBM1TOR26P5_COS		-341.99	90.64	-0.21	0.02	-1.34	0.33	0.33	0.24	0.15	0.14	0.04	0.12	0.03	-0.03	0.09	0.04
MRFBM1TOR26P5_SIN		0.00	-89.98	0.05	1.27	-1.00	-0.33	0.20	0.07	0.19	-0.14	-0.03	0.10	0.01	-0.03	-0.28	-0.08

RUN	POINT	Harmonics															
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-799.87	-1455.31	7.05	157.59	-57.80	-41.79	-19.66	-5.45	-2.07	24.40	-0.59	-36.77	-9.09	15.53	54.85	-12.96
MRPC1CB33P25_SIN		0.00	-14.65	-26.99	-9.77	24.95	-3.73	-5.47	20.34	-8.35	-18.74	31.80	22.66	9.28	16.23	48.83	5.64
MRPC1FB33P25_COS		2128.85	117.11	-295.73	164.51	-126.28	-21.42	-32.74	-33.35	-53.30	-25.05	12.64	-48.39	-10.06	43.82	132.04	-29.00
MRPC1FB33P25_SIN		0.00	143.81	-105.37	104.73	163.43	68.89	12.31	23.11	-2.80	-50.57	67.57	19.75	21.68	43.32	128.09	13.68
MRPC1TOR25P5_COS		-806.44	-14.52	-66.17	10.14	88.84	2.33	-38.90	-32.25	-3.97	2.13	-1.83	-12.30	-5.07	0.39	-10.95	-10.48
MRPC1TOR25P5_SIN		0.00	80.19	-60.36	-225.26	44.11	16.05	1.66	-33.89	-10.73	17.35	13.52	4.80	0.13	3.16	18.62	10.41
MRPLK1LOAD_COS		-78.11	6.92	-5.74	1.61	12.22	0.43	-5.29	-4.09	-0.48	0.10	-0.15	-2.00	-0.53	-0.19	-3.18	-1.48
MRPLK1LOAD_SIN		0.00	-14.75	-3.41	-30.13	5.60	2.76	-0.27	-3.96	-1.52	2.27	1.65	-0.19	0.02	0.44	3.13	1.79
PITCHRH_COS		8802.10	-8193.18	-313.40	-24.40	-126.68	164.41	118.02	-55.73	59.89	-45.43	-62.84	-63.70	21.16	39.97	39.22	713.75
PITCHRH_SIN		0.00	2201.88	-449.31	62.80	90.83	-43.96	77.65	13.27	95.34	-143.66	-166.84	-39.79	-24.98	66.04	32.80	391.95
ROLLRH_COS		1314.75	-1965.86	530.09	-1.44	-68.01	-867.18	-109.35	-12.97	121.43	94.36	237.09	-2.06	24.96	60.26	-0.27	-666.65
ROLLRH_SIN		0.00	-7897.99	-545.36	-114.30	250.30	647.57	-92.32	-33.77	-81.96	-8.52	16.29	-40.01	28.16	-39.42	-32.08	990.21
TORQ_COS		35609.41	301.45	-6.14	0.85	-35.03	114.10	3.23	-3.06	-10.60	0.68	21.86	6.17	0.52	-0.52	-7.35	-11.48
TORQ_SIN		0.00	604.61	-25.10	16.53	24.28	34.26	4.79	9.96	10.52	-7.74	-42.16	2.97	-6.94	5.98	-1.32	6.15
THRUST_COS		5673.82	-47.94	14.63	-7.40	14.14	-12.96	-0.18	2.73	2.97	-1.24	-26.63	2.21	-0.15	-0.69	-3.79	16.29
THRUST_SIN		0.00	-74.20	8.02	2.34	16.26	-33.13	3.43	8.28	-2.87	4.56	-33.42	-4.14	-1.04	0.01	10.06	-24.65

RUN	POINT	Harmonics															
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.31	53.00	-14.54	1.99	-64.09	11.26	3.70	-0.77	-1.96	-3.59	-10.33	-0.34	-0.82	-1.68	-0.36	18.69
SIDERH_SIN		0.00	181.91	11.35	0.28	-59.19	-128.14	7.60	0.94	1.62	0.20	0.00	2.26	-0.84	0.93	0.48	-28.64
DRAGRH_COS		-212.44	212.66	8.19	1.69	-4.65	52.10	-15.72	1.76	-1.61	3.01	20.14	4.96	-0.37	-1.52	-1.84	-34.25
DRAGRH_SIN		0.00	-65.57	17.62	3.13	29.69	105.18	-6.93	-2.84	-2.33	8.98	12.57	2.45	0.66	-3.20	-1.20	-15.70

RUN	POINT	Harmonics															
58	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	-0.01	-0.07	0.00	0.00	0.02	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	-0.01	0.01	0.01	-0.07	0.02	0.00	0.00	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.50	1.98	-0.99	5.47	-0.71	-0.61	0.55	0.25	-0.44	-0.47	-0.01	0.17	0.20	-0.03	-0.56	-0.92
ACT1FORCE_SIN		0.00	11.38	1.17	-1.62	1.99	-0.04	-0.45	0.55	0.38	-1.52	0.48	-0.23	-0.02	-0.15	0.16	0.57
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.20	-16.51	3.41	-101.00	4.92	7.23	0.09	-0.06	-0.06	0.48	-0.11	-0.07	0.00	0.00	-0.02	-0.13
FA1IBVOLTAGE_SIN		0.00	-65.34	-10.38	-282.12	-9.19	1.65	0.47	0.11	0.00	0.26	0.01	0.01	0.00	-0.09	-0.16	-0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.55	16.69	-3.31	102.37	-4.80	-7.27	0.22	-0.01	-0.01	-0.47	0.08	0.04	-0.04	0.00	0.03	0.14
FA1OBVOLTAGE_SIN		0.00	65.46	10.31	282.54	9.56	-1.50	0.35	-0.03	0.00	-0.21	-0.01	-0.03	0.03	0.07	0.14	0.18
MRBLD1CB42P75_COS		-3859.11	-1132.49	77.55	132.56	-79.38	-52.48	-35.11	7.50	24.34	61.31	-18.21	-36.57	-7.70	14.73	31.95	5.31
MRBLD1CB42P75_SIN		0.00	204.56	-32.56	-17.90	100.86	-6.90	4.71	14.06	-3.88	-21.11	21.98	29.65	17.73	18.05	45.03	-14.79

RUN	POINT	Harmonics															
58	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2805.03	-596.90	333.43	68.90	-63.85	-4.10	-55.19	-4.87	20.03	58.02	0.38	-17.51	-3.67	13.23	15.98	4.76
MRBLD1CB70_SIN		0.00	149.75	-45.85	5.55	209.12	9.64	87.68	20.75	5.61	-22.81	-11.21	22.73	13.37	12.58	35.17	-18.66
MRBLD1CB120_COS		-537.21	-191.10	437.19	35.98	-30.38	59.44	-59.09	-7.58	-17.85	-24.67	24.55	16.20	5.38	1.24	-3.13	2.82
MRBLD1CB120_SIN		0.00	179.95	-108.82	-18.20	252.82	17.48	127.65	19.93	26.26	-14.83	-17.23	-15.83	-3.50	0.07	3.35	0.74
MRBLD1CB164_COS		-1960.09	-67.48	138.83	-20.08	-44.11	29.60	-21.86	-3.22	-25.77	-42.54	11.99	13.89	6.72	-0.26	-0.72	-10.33
MRBLD1CB164_SIN		0.00	105.30	-43.61	-35.98	134.68	14.44	51.71	-0.03	7.08	-7.71	5.50	-14.39	2.98	-1.15	-23.94	5.49
MRBLD1FB42P75_COS		3014.82	47.06	-380.79	177.07	-31.92	-13.09	-56.89	-36.45	-57.78	-54.45	39.84	-11.79	25.77	67.76	132.55	-4.76
MRBLD1FB42P75_SIN		0.00	-23.12	-61.88	50.66	335.63	73.72	18.07	-15.39	33.63	-12.54	49.37	36.39	21.51	-4.45	-5.54	-26.25
MRBLD1FB70_COS		414.68	-67.99	-195.19	29.49	-26.14	-3.98	-9.57	5.77	3.81	3.10	1.68	-0.35	-2.54	-9.48	-28.07	-0.56
MRBLD1FB70_SIN		0.00	-137.73	-12.39	6.24	95.69	10.17	6.28	4.00	8.70	0.29	2.60	1.92	0.54	2.17	-0.90	3.21
MRBLD1FB87_COS		-68.55	-36.02	-167.22	-10.24	-26.90	-12.10	-4.61	3.15	13.88	12.42	-6.66	4.72	-4.00	-13.70	-27.73	-0.98
MRBLD1FB87_SIN		0.00	-145.48	16.85	23.75	52.33	6.04	-1.87	-2.64	-10.64	-2.73	-16.33	-11.44	-6.33	1.59	5.53	9.63
MRBLD1FB120_COS		-444.80	-24.58	-250.47	-28.85	2.37	-6.81	11.07	-6.64	-9.03	-5.31	1.11	-1.80	3.01	18.60	43.17	1.66
MRBLD1FB120_SIN		0.00	-212.22	37.34	51.60	18.76	-0.78	-4.07	-8.56	-7.18	10.99	7.34	4.06	4.32	-6.00	-10.71	-14.91
MRBLD1FB164_COS		-100.26	-1.75	-305.60	50.10	99.38	41.63	6.51	-1.98	5.16	12.69	-4.95	-0.53	1.51	-5.92	-23.47	-0.08
MRBLD1FB164_SIN		0.00	-254.88	20.18	255.47	-120.29	-44.09	-6.80	-1.15	4.11	-7.80	-14.26	-5.86	-3.62	-3.04	4.53	15.00

RUN	POINT	Harmonics															
58	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-156.62	-10.71	-166.22	38.55	78.18	28.87	-18.25	-5.78	13.65	21.69	-12.85	7.69	4.60	22.05	58.83	-1.10
MRBLD1FB180_SIN		0.00	-176.73	14.22	197.01	-85.94	-41.45	10.41	13.23	-15.13	-20.15	-30.63	-17.87	-4.21	-4.52	-14.73	-24.25
MRBLD1TOR51_COS		-1372.66	49.61	29.80	-8.75	-79.96	-12.69	21.37	29.69	2.82	-3.75	-0.34	2.46	4.24	4.91	8.60	1.18
MRBLD1TOR51_SIN		0.00	-39.73	9.72	212.44	-18.45	-1.85	-11.81	14.21	12.09	-13.73	-9.08	-5.25	-1.75	1.38	9.47	-3.06
MRBLD1TOR71_COS		-231.05	55.24	16.89	-16.68	-67.21	-7.57	25.25	27.89	3.47	-4.54	-0.09	3.78	3.66	2.46	5.92	1.35
MRBLD1TOR71_SIN		0.00	-44.23	5.79	192.52	-33.94	-3.65	-9.17	16.30	13.04	-8.79	-9.42	-5.75	-1.50	0.03	6.85	0.15
MRBLD1TOR130_COS		9.63	51.64	37.23	-13.62	-50.89	-5.36	19.63	19.90	1.33	-3.08	-0.90	-4.13	-0.53	-1.04	-2.71	-2.76
MRBLD1TOR130_SIN		0.00	-36.09	4.65	188.92	-36.34	-1.60	-4.39	12.33	11.93	-4.72	1.43	-0.31	3.72	3.20	1.01	1.71
MRBLD1TOR164_COS		-199.53	36.24	72.74	-14.25	-47.91	-11.61	3.29	8.88	4.22	1.53	1.52	-0.43	-0.56	2.58	5.90	1.51
MRBLD1TOR164_SIN		0.00	-5.92	4.62	106.33	-9.16	5.35	4.07	3.73	0.61	0.61	-1.86	-0.15	2.58	4.58	5.90	0.71
MRFBM1CB26P5_COS		-4488.23	-483.02	-14.07	62.00	5.66	-18.74	4.52	2.30	-1.94	-3.53	-4.77	-1.92	0.05	1.90	5.20	1.29
MRFBM1CB26P5_SIN		0.00	34.69	5.08	-13.79	-35.76	-9.63	-22.76	-1.80	-4.39	0.31	9.21	0.66	1.24	2.56	6.03	1.81
MRFBM1FB9_COS		299.61	-140.20	137.09	-32.15	24.35	5.30	7.40	0.29	1.31	-1.26	0.41	1.69	0.62	-0.42	-0.47	-1.47
MRFBM1FB9_SIN		0.00	1.42	51.39	-30.73	-40.20	-5.81	4.59	1.38	0.37	1.18	-1.46	-0.36	-1.25	-2.32	-3.59	0.18
MRFBM1TOR26P5_COS		-342.22	89.21	-0.35	0.11	-1.31	0.28	0.23	0.24	0.16	0.11	0.10	0.11	0.04	0.01	-0.07	-0.04
MRFBM1TOR26P5_SIN		0.00	-91.16	-0.12	1.14	-0.93	-0.32	-0.03	0.02	0.23	-0.11	-0.03	0.09	-0.02	-0.05	-0.15	-0.04

RUN	POINT	Harmonics															
58	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-820.15	-1063.32	-4.53	155.77	-58.41	-50.17	-26.19	5.94	2.75	24.65	-10.48	-25.01	-2.43	15.96	34.20	6.52
MRPC1CB33P25_SIN		0.00	199.46	-13.92	-22.95	49.58	-5.88	-20.40	-0.74	-5.16	-19.15	30.66	19.46	14.74	17.67	43.99	-9.91
MRPC1FB33P25_COS		2133.83	4.19	-305.01	138.04	-103.17	-32.38	-51.27	-22.41	-57.71	-31.67	1.48	-29.58	1.89	45.17	81.88	18.32
MRPC1FB33P25_SIN		0.00	101.99	-114.45	73.43	274.34	55.57	-2.94	-29.05	-3.30	-40.45	55.10	19.29	33.96	50.18	112.72	-17.49
MRPC1TOR25P5_COS		-803.77	-32.10	-54.81	9.40	78.75	7.06	-31.53	-35.34	-7.27	3.90	-0.65	-7.96	-6.68	-3.74	-3.81	-3.63
MRPC1TOR25P5_SIN		0.00	73.66	-66.27	-216.88	35.28	3.55	15.87	-19.80	-16.00	11.77	12.58	7.12	5.11	2.60	6.14	4.32
MRPLK1LOAD_COS		-77.95	6.84	-5.41	1.70	10.55	0.93	-4.13	-4.56	-0.88	0.35	-0.01	-1.53	-0.87	-0.84	-1.01	-0.33
MRPLK1LOAD_SIN		0.00	-14.63	-3.53	-28.88	4.04	1.32	1.74	-2.01	-2.14	1.42	1.45	0.27	0.58	0.39	0.91	1.05
PITCHRH_COS		11647.06	-8187.31	-358.92	-19.65	-124.99	591.54	92.54	-82.35	26.61	4.08	23.18	-34.33	21.59	38.42	35.32	534.40
PITCHRH_SIN		0.00	2202.25	-437.18	95.67	69.87	250.40	24.21	-39.04	132.46	-143.02	-155.09	0.14	-42.04	76.20	-2.31	297.54
ROLLRH_COS		1521.02	-2003.42	500.12	-21.26	-84.36	-1556.79	-47.81	-53.39	94.39	102.17	216.99	-42.33	28.19	16.91	24.01	-627.29
ROLLRH_SIN		0.00	-7950.86	-571.68	-84.93	258.99	1122.07	-40.25	-87.96	-80.89	34.74	-12.28	-39.62	14.49	-31.66	-38.93	503.87
TORQ_COS		35331.93	299.75	-7.88	2.93	-16.22	111.03	1.80	-14.85	-15.29	-0.89	17.12	3.58	0.76	0.73	-8.90	-20.76
TORQ_SIN		0.00	649.12	-21.75	14.81	23.78	20.84	10.63	11.66	13.35	-7.50	-42.10	6.18	-3.71	4.49	-2.80	-1.51
THRUST_COS		5636.75	-48.14	16.45	-9.34	10.09	-13.67	-0.73	-3.36	3.20	-2.68	-31.57	-0.44	0.78	0.41	-4.00	-8.03
THRUST_SIN		0.00	-76.79	7.60	-0.09	15.93	-28.82	1.16	14.26	-4.60	3.19	-26.88	-1.18	0.38	-2.41	6.21	1.42

RUN	POINT	Harmonics															
58	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.31	57.99	-14.50	4.10	-56.81	31.76	2.60	0.28	-2.14	-4.16	-9.80	1.44	-0.72	-0.42	-0.94	17.39
SIDERH_SIN		0.00	190.14	12.10	0.01	-58.87	-195.21	3.28	2.57	1.46	-1.77	1.02	2.19	-0.36	1.20	0.88	-15.50
DRAGRH_COS		-195.32	213.16	11.29	0.09	-3.15	61.23	-19.32	3.66	-1.17	0.03	15.37	3.39	0.08	-1.82	-2.03	-25.53
DRAGRH_SIN		0.00	-66.74	17.35	2.28	31.88	172.60	4.12	-2.62	-5.06	7.13	8.15	-0.33	-0.52	-3.23	0.16	-10.03

RUN	POINT	Harmonics															
58	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.06	0.00	0.00	0.01	0.02	-0.01	-0.01	0.00	0.01	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	0.01	0.00	0.01	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.96	1.90	-1.16	5.38	-0.62	-0.33	0.37	0.30	-0.49	-0.33	0.02	0.22	0.13	-0.08	-0.67	-0.74
ACT1FORCE_SIN		0.00	11.22	1.30	-1.60	1.59	0.09	-0.17	0.60	0.31	-1.85	0.36	-0.16	0.27	-0.01	0.09	0.37
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.10	-15.96	4.72	-98.92	4.75	5.08	0.06	-0.06	-0.04	0.51	-0.08	-0.06	-0.05	-0.02	-0.02	-0.10
FA1IBVOLTAGE_SIN		0.00	-64.40	-11.48	-282.23	-6.15	0.82	0.50	0.12	-0.01	0.29	0.03	0.01	0.00	-0.10	-0.17	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.67	16.14	-4.63	100.27	-4.65	-5.11	0.24	0.00	-0.02	-0.50	0.06	0.04	0.01	0.03	0.02	0.10
FA1OBVOLTAGE_SIN		0.00	64.53	11.41	282.65	6.50	-0.69	0.34	-0.06	0.02	-0.24	-0.02	-0.02	0.03	0.08	0.15	0.14
MRBLD1CB42P75_COS		-3851.70	-1581.96	81.19	139.16	-61.33	-46.12	-26.66	-26.47	19.82	64.77	-12.07	-49.21	-13.73	12.89	47.71	-12.69
MRBLD1CB42P75_SIN		0.00	-27.91	-44.03	-0.83	72.97	-8.48	12.99	23.48	-8.87	-17.14	16.45	20.98	10.03	19.81	59.30	-0.11

RUN	POINT	Harmonics															
58	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2823.92	-872.70	338.61	77.73	-25.51	-1.60	-39.18	-25.31	16.94	62.13	10.21	-24.34	-7.89	10.02	24.48	-12.78
MRBLD1CB70_SIN		0.00	-12.03	-57.43	15.07	177.74	-10.85	72.93	31.58	1.16	-18.63	-12.55	18.65	9.78	11.78	45.72	-2.56
MRBLD1CB120_COS		-509.81	-289.50	441.10	49.41	-0.02	64.20	-31.02	-10.86	-15.07	-22.60	25.19	21.12	5.68	-0.30	-4.51	0.03
MRBLD1CB120_SIN		0.00	94.56	-116.91	-10.87	207.97	-10.29	92.02	29.25	24.33	-17.88	-10.50	-12.40	-1.89	-3.20	2.08	-0.39
MRBLD1CB164_COS		-1952.81	-90.06	138.95	-12.20	-32.34	31.05	-10.24	6.87	-22.66	-41.44	7.27	19.23	9.93	2.08	-3.62	4.43
MRBLD1CB164_SIN		0.00	79.68	-42.34	-28.52	113.93	2.98	34.02	1.65	7.91	-13.27	7.95	-12.12	3.34	-2.39	-32.41	-3.69
MRBLD1FB42P75_COS		3020.90	168.52	-372.18	220.01	-87.76	16.46	-30.19	-70.59	-48.32	-49.86	41.15	-28.08	10.26	65.11	174.34	-9.56
MRBLD1FB42P75_SIN		0.00	8.83	-54.53	81.93	234.25	90.39	28.03	38.43	23.55	-28.15	50.31	33.33	18.26	-4.55	-23.33	20.41
MRBLD1FB70_COS		410.53	-71.00	-189.50	43.01	-40.54	2.43	-4.36	-2.17	3.80	3.21	0.95	-0.25	-1.02	-8.69	-36.71	0.00
MRBLD1FB70_SIN		0.00	-142.45	-11.61	17.98	64.54	13.50	6.39	11.39	5.75	-0.73	2.68	2.05	0.27	2.28	1.60	-7.08
MRBLD1FB87_COS		-76.03	-39.00	-162.57	-2.00	-30.93	-11.40	-6.63	4.82	12.23	12.25	-5.62	9.13	-0.88	-12.96	-35.21	1.81
MRBLD1FB87_SIN		0.00	-143.27	18.89	31.96	40.96	8.69	-1.00	-6.86	-9.01	0.38	-16.43	-10.98	-5.70	0.44	9.21	1.57
MRBLD1FB120_COS		-456.70	-31.51	-247.52	-21.40	7.01	-8.66	5.79	5.79	-9.27	-8.10	-0.49	-2.73	1.54	16.65	52.88	-3.42
MRBLD1FB120_SIN		0.00	-200.38	39.56	56.82	25.60	-1.08	-3.00	-20.52	-5.95	9.14	7.64	4.36	4.12	-5.11	-15.37	-2.08
MRBLD1FB164_COS		-103.98	-5.06	-304.72	55.08	105.80	33.19	16.56	-14.49	8.80	14.49	-5.34	-0.12	1.78	-4.74	-27.75	2.65
MRBLD1FB164_SIN		0.00	-230.84	13.36	245.81	-79.88	-56.74	-16.56	14.36	5.00	-3.87	-13.84	-7.75	-3.29	-3.19	6.78	8.08

RUN	POINT	Harmonics															
58	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-156.90	-10.91	-165.39	40.02	82.59	24.52	-10.72	-21.14	14.30	22.93	-11.82	14.12	4.64	15.06	68.12	-7.53
MRBLD1FB180_SIN		0.00	-161.37	9.36	186.74	-62.52	-48.77	0.67	24.20	-15.74	-13.34	-27.79	-16.15	-2.41	-6.30	-21.30	-8.61
MRBLD1TOR51_COS		-1368.67	44.00	31.05	-7.01	-86.36	-11.54	28.53	17.39	0.18	-2.09	2.48	4.66	2.94	1.85	12.42	-1.74
MRBLD1TOR51_SIN		0.00	-43.06	10.61	221.00	-29.60	-9.63	-3.23	27.92	8.13	-17.65	-8.90	-2.44	1.29	0.43	8.09	-4.31
MRBLD1TOR71_COS		-229.80	54.86	18.00	-16.99	-73.17	-7.61	30.34	19.38	0.87	-3.57	2.05	6.51	3.23	0.22	6.04	-0.57
MRBLD1TOR71_SIN		0.00	-45.04	6.64	199.03	-39.99	-11.37	-2.17	27.37	9.76	-12.08	-9.49	-3.23	1.54	-0.97	5.92	-1.44
MRBLD1TOR130_COS		10.15	49.42	38.39	-15.12	-55.46	-7.46	23.25	13.24	0.60	-2.24	-0.29	-3.87	0.05	0.50	-5.71	-2.36
MRBLD1TOR130_SIN		0.00	-37.01	4.56	192.61	-35.86	-9.20	-0.30	20.98	10.24	-6.35	1.45	-1.12	3.61	3.44	3.46	3.08
MRBLD1TOR164_COS		-198.91	34.31	72.07	-15.92	-48.71	-12.50	2.69	7.00	5.32	2.37	1.26	-0.63	-0.13	4.16	5.79	0.29
MRBLD1TOR164_SIN		0.00	-8.20	4.88	108.01	-13.66	4.45	6.25	6.11	-0.46	1.14	-0.88	-0.47	1.20	3.81	8.62	2.72
MRFBM1CB26P5_COS		-4488.81	-700.64	-10.85	62.79	0.40	-17.91	3.67	-2.32	-1.95	-3.68	-6.13	-2.80	-0.33	2.17	7.57	-0.18
MRFBM1CB26P5_SIN		0.00	-83.61	3.42	-11.10	-34.67	-5.59	-16.84	-1.48	-4.24	-0.35	8.33	-0.01	0.34	2.82	7.07	1.65
MRFBM1FB9_COS		327.25	20.40	129.69	-39.56	24.95	3.96	5.12	3.97	0.70	-1.70	0.18	1.85	0.70	-0.34	-0.99	0.29
MRFBM1FB9_SIN		0.00	-6.99	48.98	-41.30	-26.35	-7.86	2.14	0.69	0.72	1.30	-1.46	0.34	-0.54	-2.30	-4.81	0.28
MRFBM1TOR26P5_COS		-342.02	90.75	-0.22	0.03	-1.34	0.28	0.33	0.20	0.14	0.11	0.08	0.09	0.03	-0.04	0.07	0.02
MRFBM1TOR26P5_SIN		0.00	-89.90	0.04	1.27	-1.01	-0.33	0.12	0.07	0.20	-0.12	-0.02	0.11	0.00	-0.03	-0.25	-0.09

RUN	POINT	Harmonics															
58	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-807.84	-1459.60	-2.52	161.82	-58.75	-41.12	-18.35	-22.65	0.93	27.67	-8.73	-33.92	-6.67	15.20	50.31	-11.91
MRPC1CB33P25_SIN		0.00	11.42	-25.20	-9.37	24.79	1.06	-7.32	9.45	-8.68	-19.55	27.86	13.63	8.26	17.72	54.10	1.95
MRPC1FB33P25_COS		2137.08	116.52	-300.58	169.00	-123.49	-13.92	-34.08	-69.55	-46.78	-20.02	1.63	-39.88	-5.89	43.58	121.42	-26.61
MRPC1FB33P25_SIN		0.00	133.93	-104.98	104.56	178.82	76.38	12.05	-1.34	-6.50	-49.73	57.02	6.33	19.96	48.11	139.62	5.44
MRPC1TOR25P5_COS		-808.23	-14.70	-63.22	9.22	86.52	4.84	-38.58	-25.27	-4.45	3.10	-3.63	-11.23	-5.26	0.65	-9.62	-8.20
MRPC1TOR25P5_SIN		0.00	79.56	-59.97	-224.15	43.51	13.86	6.74	-33.75	-11.68	16.20	12.43	2.51	0.24	2.78	15.77	10.45
MRPLK1LOAD_COS		-78.60	7.00	-5.43	1.51	11.91	0.80	-5.23	-3.00	-0.54	0.27	-0.38	-1.80	-0.58	-0.12	-2.88	-1.07
MRPLK1LOAD_SIN		0.00	-14.96	-3.42	-30.01	5.43	2.47	0.45	-3.90	-1.60	2.09	1.49	-0.42	0.03	0.36	2.55	1.97
PITCHRH_COS		8881.17	-8189.91	-317.27	-21.17	-100.73	213.89	111.97	-88.01	106.18	-19.09	-77.69	-48.89	22.48	42.65	38.72	695.43
PITCHRH_SIN		0.00	2196.72	-468.28	62.62	102.60	-28.68	83.26	16.89	93.90	-167.98	-223.24	-24.15	-23.99	58.30	24.91	433.02
ROLLRH_COS		1411.57	-1969.26	527.61	10.34	-74.28	-920.75	-124.53	-22.37	132.96	118.45	204.02	-13.77	21.52	47.20	-0.83	-727.29
ROLLRH_SIN		0.00	-7920.61	-550.55	-110.96	250.83	685.42	-29.54	-46.87	-58.92	17.07	-14.46	-37.65	20.84	-33.03	-34.26	938.75
TORQ_COS		35403.30	293.67	-3.20	2.19	-28.98	116.73	5.80	-0.81	-9.99	-0.46	25.58	5.95	2.04	-1.25	-7.01	-12.05
TORQ_SIN		0.00	598.75	-26.01	16.21	37.74	26.25	5.21	14.58	6.95	-5.88	-38.35	4.32	-5.96	5.09	-0.89	6.01
THRUST_COS		5707.55	-48.96	15.43	-10.19	13.86	-16.50	0.47	6.58	2.05	-2.92	-19.84	1.29	0.35	-0.91	-3.93	16.76
THRUST_SIN		0.00	-75.41	6.94	-1.13	13.61	-34.63	1.99	12.05	-2.60	5.26	-29.52	-3.83	-0.91	-0.53	9.30	-18.02

RUN	POINT	Harmonics															
58	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.95	53.71	-14.96	2.85	-59.41	15.73	5.84	-0.56	-2.53	-5.04	-9.09	0.34	-0.67	-1.35	-0.36	20.43
SIDERH_SIN		0.00	187.12	11.59	0.54	-56.03	-133.59	6.23	1.06	0.89	-0.97	1.03	1.93	-0.58	0.72	0.52	-27.43
DRAGRH_COS		-211.53	212.98	8.39	1.02	-5.05	51.68	-18.47	2.26	-2.05	0.89	20.60	3.60	-0.67	-1.39	-1.89	-33.79
DRAGRH_SIN		0.00	-66.05	17.64	3.80	29.11	118.15	-7.04	-1.77	-2.25	9.20	15.05	1.14	0.78	-2.60	-0.82	-17.70

RUN	POINT	Harmonics															
58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.07	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.01	0.02	0.00	-0.08	0.01	0.00	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.96	1.85	-0.89	5.30	-0.59	-0.31	0.32	0.24	-0.48	-0.32	0.06	0.12	0.04	-0.05	-0.57	-0.62
ACT1FORCE_SIN		0.00	11.20	1.35	-1.70	1.47	0.22	-0.07	0.67	0.19	-1.99	0.31	-0.08	0.32	0.05	0.05	0.31
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		340.74	-15.46	3.03	-99.96	4.50	4.64	0.05	-0.07	-0.02	0.54	-0.08	-0.09	-0.06	-0.04	-0.01	-0.10
FA1IBVOLTAGE_SIN		0.00	-64.36	-11.67	-281.65	-6.03	0.49	0.46	0.10	0.00	0.29	0.04	-0.02	-0.03	-0.09	-0.14	-0.14
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		465.03	15.63	-2.94	101.31	-4.41	-4.65	0.25	0.02	-0.03	-0.52	0.06	0.07	0.02	0.05	0.02	0.09
FA1OBVOLTAGE_SIN		0.00	64.48	11.60	282.06	6.38	-0.35	0.36	-0.04	0.01	-0.24	-0.03	0.00	0.06	0.07	0.12	0.11
MRBLD1CB42P75_COS		-3835.52	-1693.63	61.23	125.22	-61.71	-41.12	-25.60	-13.71	24.80	63.37	-1.74	-49.07	-13.68	13.85	45.25	-14.19
MRBLD1CB42P75_SIN		0.00	-116.91	-49.77	4.19	69.14	-11.16	15.89	6.11	-8.30	-7.64	8.86	28.61	9.86	16.81	51.58	3.41

RUN	POINT	Harmonics															
58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2830.70	-944.36	328.30	63.63	-32.85	9.69	-34.82	-18.51	18.21	60.87	16.62	-24.72	-8.58	10.96	22.69	-15.03
MRBLD1CB70_SIN		0.00	-68.66	-60.62	17.36	176.44	-10.36	72.75	15.88	-0.04	-9.82	-16.13	22.92	8.82	8.72	40.93	-1.83
MRBLD1CB120_COS		-515.25	-318.13	440.38	36.98	-11.08	76.56	-22.99	-6.76	-15.60	-20.59	20.97	21.26	4.43	-1.70	-3.97	0.58
MRBLD1CB120_SIN		0.00	71.81	-116.93	-9.88	202.72	-5.69	87.88	20.16	20.39	-26.80	-5.02	-14.78	-1.86	-2.51	2.09	-1.27
MRBLD1CB164_COS		-1955.28	-95.17	141.66	-17.92	-34.84	36.81	-7.55	3.89	-23.54	-38.55	2.63	19.29	10.16	2.23	-3.34	5.26
MRBLD1CB164_SIN		0.00	76.37	-41.70	-28.83	110.71	5.34	31.49	4.34	5.35	-23.96	11.91	-12.90	4.34	-1.48	-29.60	-1.30
MRBLD1FB42P75_COS		3010.82	200.06	-389.00	189.81	-95.15	6.82	-27.09	-60.81	-46.17	-56.42	45.04	-21.09	9.47	58.44	154.41	-10.61
MRBLD1FB42P75_SIN		0.00	23.66	-54.56	106.52	201.85	96.51	24.96	-6.27	17.20	-38.49	41.82	40.16	19.59	-8.08	-30.29	23.32
MRBLD1FB70_COS		410.80	-69.67	-193.12	33.64	-41.46	0.90	-2.95	-0.22	5.28	4.20	1.65	-0.46	-0.74	-7.37	-32.93	0.07
MRBLD1FB70_SIN		0.00	-144.70	-12.20	26.02	55.11	14.79	5.95	2.66	4.20	-1.08	2.52	1.89	-0.08	2.63	3.20	-7.40
MRBLD1FB87_COS		-74.64	-37.71	-163.94	-7.35	-30.59	-11.65	-6.56	3.72	11.88	13.07	-6.49	7.65	-1.10	-11.80	-30.74	2.17
MRBLD1FB87_SIN		0.00	-143.27	18.20	35.83	37.12	9.14	-0.59	-2.98	-8.50	1.69	-13.82	-12.00	-5.58	0.98	10.15	0.71
MRBLD1FB120_COS		-452.75	-31.03	-250.90	-25.80	6.44	-8.20	4.22	2.38	-10.96	-8.40	0.01	-1.72	1.79	14.87	46.21	-4.48
MRBLD1FB120_SIN		0.00	-198.65	38.01	59.99	25.95	-1.25	-2.60	-8.78	-3.31	10.37	6.52	4.12	3.66	-5.59	-16.86	-1.43
MRBLD1FB164_COS		-101.65	-7.32	-316.69	53.13	96.32	36.00	16.69	-6.62	10.48	12.01	-7.03	-0.53	2.79	-3.92	-24.80	2.93
MRBLD1FB164_SIN		0.00	-230.78	10.11	253.19	-67.72	-54.09	-17.01	-1.36	1.83	-5.26	-11.45	-7.57	-3.21	-3.01	7.25	7.03

RUN	POINT	Harmonics															
58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-155.80	-12.26	-172.87	41.01	76.25	24.58	-8.83	-13.82	15.37	22.52	-12.60	14.64	7.86	14.23	57.83	-9.30
MRBLD1FB180_SIN		0.00	-160.86	8.03	189.74	-54.21	-44.76	0.77	8.62	-17.75	-11.46	-21.58	-17.88	-3.92	-8.34	-23.51	-6.03
MRBLD1TOR51_COS		-1369.99	41.93	28.04	-10.35	-87.65	-7.23	31.28	17.47	-1.07	-2.10	2.93	4.67	2.71	1.83	12.18	-1.69
MRBLD1TOR51_SIN		0.00	-44.33	10.27	224.23	-30.42	-11.17	0.81	18.53	5.30	-19.04	-7.99	-1.17	1.88	-0.56	4.87	-4.58
MRBLD1TOR71_COS		-230.39	54.25	16.26	-18.56	-73.96	-3.40	32.67	18.55	-0.20	-3.56	1.94	6.71	3.28	0.10	5.55	-0.39
MRBLD1TOR71_SIN		0.00	-45.32	6.40	201.33	-39.72	-12.85	1.38	20.33	7.46	-12.97	-8.46	-2.58	2.15	-1.27	3.89	-1.78
MRBLD1TOR130_COS		9.96	48.58	37.31	-14.62	-56.57	-3.75	25.18	14.09	0.73	-2.13	0.51	-3.70	0.22	0.69	-6.15	-2.17
MRBLD1TOR130_SIN		0.00	-37.60	4.10	194.22	-34.02	-10.78	1.79	15.17	8.73	-7.27	1.57	-0.24	3.48	3.36	4.08	3.21
MRBLD1TOR164_COS		-199.13	33.50	73.50	-14.23	-48.14	-11.41	3.65	6.42	5.18	2.26	0.92	-0.65	-0.01	3.96	4.66	-0.25
MRBLD1TOR164_SIN		0.00	-8.78	5.15	107.85	-13.49	3.32	6.90	3.40	-0.52	2.11	-0.43	-0.67	1.09	3.45	8.06	2.50
MRFBM1CB26P5_COS		-4473.73	-756.21	-20.55	62.13	1.45	-18.91	3.02	-0.84	-1.03	-3.86	-5.53	-2.64	-0.30	1.91	7.50	0.08
MRFBM1CB26P5_SIN		0.00	-131.37	1.44	-9.46	-34.57	-6.83	-15.86	-1.95	-3.80	-0.89	7.47	0.47	0.42	2.56	5.57	1.80
MRFBM1FB9_COS		316.80	70.50	141.56	-30.49	24.74	4.81	4.85	1.82	0.32	-1.80	-0.21	2.01	0.52	-0.55	-1.20	0.46
MRFBM1FB9_SIN		0.00	1.18	52.40	-44.94	-22.82	-8.14	1.89	2.27	0.75	1.34	-1.71	-0.04	-0.64	-2.15	-4.39	0.25
MRFBM1TOR26P5_COS		-341.97	90.98	-0.17	0.04	-1.35	0.34	0.38	0.20	0.13	0.10	0.06	0.09	0.03	-0.02	0.10	0.01
MRFBM1TOR26P5_SIN		0.00	-89.65	0.10	1.31	-0.98	-0.33	0.18	0.01	0.18	-0.13	-0.01	0.10	0.01	-0.03	-0.24	-0.09

RUN	POINT	Harmonics															
58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-791.13	-1558.36	-23.71	150.78	-57.21	-40.68	-18.48	-11.57	4.95	27.27	-1.52	-33.51	-6.50	14.84	47.55	-12.98
MRPC1CB33P25_SIN		0.00	-61.72	-29.73	-3.28	18.91	-1.58	-4.99	-4.81	-8.10	-16.45	22.26	19.26	8.11	14.80	45.34	4.43
MRPC1FB33P25_COS		2127.68	143.82	-315.75	140.32	-122.80	-23.17	-30.87	-44.49	-42.24	-19.63	9.44	-39.83	-7.31	41.87	115.33	-29.46
MRPC1FB33P25_SIN		0.00	149.91	-105.83	119.91	150.86	79.07	10.62	-31.55	-9.92	-59.42	53.77	15.52	20.56	40.84	118.48	6.51
MRPC1TOR25P5_COS		-806.35	-10.66	-63.31	11.33	87.62	-0.08	-42.08	-24.59	-2.72	2.98	-3.06	-11.40	-5.54	0.17	-10.66	-7.79
MRPC1TOR25P5_SIN		0.00	82.00	-57.70	-226.49	43.35	16.16	2.56	-24.96	-8.67	18.06	10.82	2.53	-0.69	3.29	17.34	10.87
MRPLK1LOAD_COS		-78.41	6.95	-5.13	1.83	12.16	0.18	-5.70	-2.95	-0.33	0.26	-0.33	-1.80	-0.59	-0.22	-3.15	-0.99
MRPLK1LOAD_SIN		0.00	-14.83	-3.47	-30.52	5.48	2.72	-0.17	-2.59	-1.17	2.37	1.33	-0.46	-0.10	0.44	2.76	1.92
PITCHRH_COS		8068.69	-8181.05	-324.30	-23.62	-113.85	174.57	97.36	-71.31	103.43	-39.05	-69.75	-54.70	21.83	27.43	28.46	653.11
PITCHRH_SIN		0.00	2214.93	-447.46	65.50	99.82	-125.21	91.12	8.90	115.60	-161.58	-207.31	-27.62	-21.60	64.42	32.85	356.00
ROLLRH_COS		1198.62	-1981.12	541.90	14.14	-72.68	-775.63	-111.11	-32.34	114.24	107.09	236.17	-9.49	24.93	51.56	-10.56	-613.96
ROLLRH_SIN		0.00	-7906.00	-540.12	-92.31	253.48	614.52	-87.47	-42.69	-47.13	12.44	0.39	-46.75	24.07	-26.72	-26.38	930.13
TORQ_COS		35716.08	296.20	-1.88	1.35	-29.60	110.83	3.97	-5.23	-13.80	0.69	26.08	3.79	1.02	-0.37	-6.63	-11.24
TORQ_SIN		0.00	589.15	-25.76	16.14	28.74	41.01	4.90	11.71	6.01	-6.82	-33.60	4.49	-5.17	4.77	-0.51	7.40
THRUST_COS		5677.66	-49.27	15.26	-8.37	12.90	-13.19	0.77	3.18	1.70	-2.12	-19.37	1.41	-0.13	-0.44	-2.36	15.72
THRUST_SIN		0.00	-74.89	6.64	0.03	14.63	-37.14	2.13	10.64	-2.36	5.31	-28.07	-3.25	-0.24	-0.85	10.00	-19.76

RUN	POINT	Harmonics															
58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.25	55.44	-15.35	1.73	-59.32	10.64	4.91	-0.43	-1.97	-4.53	-9.90	0.26	-0.83	-1.55	-0.07	17.20
SIDERH_SIN		0.00	186.43	11.10	0.31	-58.87	-123.95	6.92	1.18	0.95	-0.77	0.19	2.68	-0.69	0.37	0.29	-26.64
DRAGRH_COS		-217.46	212.81	8.58	1.24	-5.98	49.07	-16.20	2.30	-3.21	2.16	19.66	4.22	-1.23	-0.89	-1.19	-31.85
DRAGRH_SIN		0.00	-66.38	16.66	3.22	28.34	109.57	-7.41	-2.20	-1.58	9.05	14.62	1.03	0.71	-2.38	-0.68	-14.10

RUN	POINT	Harmonics															
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	-0.06	0.00	0.00	0.01	0.02	-0.01	-0.02	0.00	0.00	0.00	-0.01	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	-0.01	0.01	0.01	-0.07	0.02	0.00	0.00	0.00	0.02	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.27	1.92	-1.28	5.46	-0.74	-0.55	0.40	0.21	-0.46	-0.34	-0.01	0.19	0.15	-0.06	-0.62	-0.88
ACT1FORCE_SIN		0.00	11.25	1.17	-1.49	1.78	-0.01	-0.35	0.51	0.38	-1.71	0.49	-0.20	0.12	-0.10	0.17	0.43
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		341.64	-16.59	6.44	-98.93	5.68	6.58	0.08	-0.08	-0.07	0.50	-0.11	-0.07	-0.02	-0.01	-0.02	-0.11
FA1IBVOLTAGE_SIN		0.00	-64.61	-10.32	-283.01	-8.08	1.91	0.48	0.11	0.00	0.29	0.03	0.01	-0.01	-0.10	-0.17	-0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		464.14	16.76	-6.35	100.29	-5.58	-6.63	0.22	0.01	-0.01	-0.49	0.09	0.05	-0.01	0.01	0.03	0.11
FA1OBVOLTAGE_SIN		0.00	64.74	10.26	283.44	8.45	-1.77	0.35	-0.04	-0.01	-0.24	-0.02	-0.03	0.03	0.08	0.15	0.18
MRBLD1CB42P75_COS		-3874.09	-1332.39	93.23	153.29	-59.70	-54.06	-30.48	1.19	21.15	58.67	-17.12	-49.97	-13.08	14.19	47.99	-6.47
MRBLD1CB42P75_SIN		0.00	118.16	-34.36	-11.95	100.94	-4.86	11.52	30.23	0.55	-17.68	26.23	25.74	16.74	22.50	55.04	0.64

RUN	POINT	Harmonics															
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2810.57	-715.85	346.53	92.20	-23.06	-8.20	-48.84	-5.93	19.16	56.89	4.66	-25.20	-6.04	13.10	25.58	-4.70
MRBLD1CB70_SIN		0.00	82.67	-49.11	9.56	205.34	12.28	84.26	34.08	8.83	-19.52	-9.90	20.57	13.14	14.71	43.43	-4.44
MRBLD1CB120_COS		-516.72	-232.61	443.93	58.18	6.58	56.65	-46.80	-5.03	-17.55	-22.03	24.61	21.17	6.33	0.34	-4.76	0.32
MRBLD1CB120_SIN		0.00	133.84	-109.83	-14.37	238.61	19.35	111.63	25.85	26.78	-15.07	-17.26	-14.57	-4.13	-2.74	3.13	0.66
MRBLD1CB164_COS		-1952.89	-77.46	138.26	-9.80	-31.13	27.37	-17.02	0.32	-24.50	-39.34	9.43	18.81	8.00	-0.27	-4.28	-1.22
MRBLD1CB164_SIN		0.00	90.22	-41.42	-31.18	127.89	16.00	43.07	-2.37	6.06	-9.60	5.84	-13.01	2.48	-2.71	-30.18	-3.70
MRBLD1FB42P75_COS		3025.01	101.79	-363.81	233.22	-59.19	-2.98	-34.43	-22.60	-52.11	-50.16	45.26	-22.22	19.40	71.52	168.07	4.89
MRBLD1FB42P75_SIN		0.00	-13.64	-59.85	54.63	291.25	68.43	20.47	12.55	35.95	-18.04	58.32	38.32	22.60	-4.06	-25.73	11.77
MRBLD1FB70_COS		411.10	-69.67	-188.89	48.50	-32.81	-2.36	-5.37	7.42	3.95	3.06	1.36	-0.45	-1.93	-10.13	-35.63	-2.83
MRBLD1FB70_SIN		0.00	-138.39	-12.55	9.27	83.78	9.76	6.52	8.94	9.44	0.77	3.30	2.48	0.55	2.30	2.26	-5.30
MRBLD1FB87_COS		-75.14	-38.46	-164.43	-0.24	-30.07	-13.36	-6.85	0.57	12.76	12.43	-7.15	7.48	-2.77	-14.47	-34.35	-1.87
MRBLD1FB87_SIN		0.00	-142.03	17.22	26.60	48.32	7.44	-0.50	-3.93	-9.94	-1.17	-18.50	-12.43	-6.84	0.82	9.99	3.17
MRBLD1FB120_COS		-453.41	-27.06	-248.14	-19.10	4.07	-6.09	8.06	-6.67	-8.72	-6.93	1.08	-1.29	3.90	19.59	52.44	2.78
MRBLD1FB120_SIN		0.00	-201.46	36.76	53.82	21.40	0.00	-3.58	-16.84	-10.62	8.37	7.96	4.62	4.10	-5.85	-17.14	-4.71
MRBLD1FB164_COS		-103.91	-2.20	-298.58	60.30	104.93	43.24	10.50	0.85	6.38	14.09	-5.56	-0.90	0.60	-5.78	-26.95	-0.03
MRBLD1FB164_SIN		0.00	-237.87	15.04	250.21	-106.15	-48.52	-14.48	9.83	9.73	-4.49	-15.28	-7.93	-3.39	-3.08	6.96	9.01

RUN	POINT	Harmonics															
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-156.55	-8.68	-159.73	43.17	83.58	30.77	-13.89	-4.85	14.07	21.84	-15.64	11.43	4.11	19.56	69.36	-0.31
MRBLD1FB180_SIN		0.00	-166.30	10.94	191.43	-78.95	-45.77	3.44	22.77	-11.86	-17.08	-34.02	-19.10	-4.00	-5.51	-22.40	-12.66
MRBLD1TOR51_COS		-1368.46	48.25	31.59	-4.45	-81.86	-12.03	24.47	29.88	2.42	-2.50	0.80	3.57	3.63	3.96	12.66	-0.77
MRBLD1TOR51_SIN		0.00	-39.91	10.13	215.02	-24.69	-5.65	-6.01	21.98	12.35	-15.42	-9.64	-4.58	-0.74	0.68	9.21	-1.98
MRBLD1TOR71_COS		-229.34	56.10	17.88	-15.31	-69.59	-7.42	27.16	28.25	3.11	-3.60	0.73	5.36	3.39	1.66	7.08	-0.11
MRBLD1TOR71_SIN		0.00	-43.61	5.99	194.33	-38.06	-7.32	-4.38	21.97	13.07	-10.32	-10.23	-4.95	-0.40	-0.53	6.94	0.16
MRBLD1TOR130_COS		10.64	51.49	37.73	-14.50	-52.47	-6.31	20.80	20.26	1.34	-2.63	-1.13	-4.59	-0.73	-0.20	-4.49	-2.52
MRBLD1TOR130_SIN		0.00	-35.39	4.69	189.48	-37.13	-4.66	-1.23	17.20	12.74	-4.99	1.98	-0.70	3.75	3.84	2.71	1.55
MRBLD1TOR164_COS		-198.90	35.96	71.15	-16.75	-48.52	-12.73	2.92	9.35	5.26	1.93	1.44	-0.34	-0.10	3.71	6.57	1.04
MRBLD1TOR164_SIN		0.00	-7.10	4.79	106.51	-11.30	4.36	6.52	5.22	0.25	0.86	-1.59	0.06	2.02	4.53	7.55	1.98
MRFBM1CB26P5_COS		-4500.02	-577.99	-6.88	63.67	1.18	-18.23	5.10	0.87	-2.24	-3.60	-5.66	-2.54	-0.20	2.01	7.27	-0.01
MRFBM1CB26P5_SIN		0.00	-6.82	5.88	-13.74	-32.60	-10.00	-20.16	-0.89	-4.11	-0.25	10.00	0.45	0.91	2.89	6.53	2.50
MRFBM1FB9_COS		322.36	-75.49	126.26	-45.85	24.46	4.76	5.99	1.01	1.36	-1.39	0.55	2.04	0.84	-0.34	-1.20	-0.06
MRFBM1FB9_SIN		0.00	-11.57	47.40	-36.33	-34.69	-6.02	2.78	-0.43	0.14	1.10	-1.70	0.01	-1.03	-2.46	-4.56	-0.25
MRFBM1TOR26P5_COS		-342.13	90.13	-0.31	0.09	-1.31	0.27	0.25	0.26	0.15	0.11	0.09	0.09	0.04	-0.02	0.00	0.00
MRFBM1TOR26P5_SIN		0.00	-90.45	-0.08	1.18	-0.99	-0.29	0.07	0.07	0.22	-0.11	-0.04	0.10	-0.01	-0.07	-0.23	-0.04

RUN	POINT	Harmonics															
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-817.77	-1241.23	10.36	171.96	-55.08	-48.08	-20.12	1.51	0.71	23.87	-10.92	-34.12	-5.85	16.11	50.35	-5.31
MRPC1CB33P25_SIN		0.00	130.22	-16.31	-19.48	47.52	-5.31	-12.98	12.40	-2.01	-18.15	35.68	16.87	13.93	20.49	51.14	3.99
MRPC1FB33P25_COS		2140.77	55.29	-291.63	184.47	-113.11	-22.67	-34.54	-22.52	-54.86	-26.18	0.25	-38.62	-2.88	47.61	120.31	-10.95
MRPC1FB33P25_SIN		0.00	111.07	-109.35	85.25	231.95	53.77	5.58	-2.14	1.55	-42.25	64.44	13.99	29.65	53.47	131.74	12.96
MRPC1TOR25P5_COS		-808.48	-25.00	-58.61	6.90	81.92	5.88	-34.43	-36.09	-6.90	2.50	-2.28	-10.21	-6.09	-1.86	-7.42	-6.89
MRPC1TOR25P5_SIN		0.00	74.47	-63.63	-218.80	40.12	8.38	9.41	-26.93	-16.10	13.98	13.77	5.47	3.22	3.80	11.95	6.97
MRPLK1LOAD_COS		-78.73	6.89	-5.48	1.19	11.05	0.85	-4.57	-4.66	-0.84	0.20	-0.23	-1.71	-0.76	-0.50	-2.16	-0.87
MRPLK1LOAD_SIN		0.00	-15.07	-3.38	-29.12	4.86	1.82	0.84	-3.04	-2.20	1.72	1.63	0.00	0.35	0.59	1.95	1.23
PITCHRH_COS		10505.32	-8183.05	-333.00	-20.23	-116.71	421.01	100.11	-79.39	56.73	-1.63	-46.93	-31.32	32.93	47.86	33.58	646.94
PITCHRH_SIN		0.00	2209.01	-453.10	80.89	61.64	192.48	75.02	-1.30	91.75	-172.90	-177.13	-6.01	-31.85	60.70	20.67	407.06
ROLLRH_COS		1628.10	-1977.28	506.90	1.97	-95.06	-1291.86	-75.53	-44.76	112.54	130.81	192.71	-32.48	25.68	17.48	24.00	-714.03
ROLLRH_SIN		0.00	-7914.60	-564.63	-113.40	262.80	890.23	-56.28	-80.39	-70.75	22.26	-6.51	-30.36	15.38	-48.84	-19.48	767.62
TORQ_COS		35102.41	297.00	-3.77	2.35	-32.30	118.14	1.66	-6.16	-14.35	0.80	23.48	2.22	0.18	0.20	-7.53	-16.57
TORQ_SIN		0.00	626.53	-28.04	11.54	4.83	18.62	6.29	9.89	8.78	-6.95	-46.08	3.56	-5.52	4.18	-1.33	1.77
THRUST_COS		5696.20	-46.77	16.36	-11.88	12.60	-13.47	0.00	1.96	3.03	-4.01	-24.67	-0.28	-0.29	-0.09	-5.47	6.66
THRUST_SIN		0.00	-75.34	7.78	-0.31	19.20	-27.97	1.69	11.25	-3.11	4.95	-32.83	-2.61	0.57	-1.16	7.75	-13.73

RUN	POINT	Harmonics															
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.40	53.65	-14.78	3.64	-56.44	26.68	4.78	-0.17	-2.30	-5.64	-8.77	1.18	-0.64	-0.39	-0.97	19.86
SIDERH_SIN		0.00	185.62	11.73	0.38	-66.76	-165.03	5.00	2.01	1.27	-1.11	0.97	1.49	-0.24	1.53	0.05	-23.00
DRAGRH_COS		-200.37	212.32	9.87	1.04	-5.59	55.39	-20.37	2.52	-0.95	0.12	19.08	2.41	0.66	-2.04	-1.72	-31.02
DRAGRH_SIN		0.00	-66.11	17.96	3.36	29.59	140.96	-2.28	-2.00	-3.38	9.25	11.69	-0.01	-0.67	-3.09	-1.13	-15.21

RUN	POINT	Harmonics															
58	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.09	0.00	0.07	0.01	-0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.48	0.00	0.02	-0.01	0.02	0.02	-0.01	0.00	0.10	0.00	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-21.26	2.13	0.66	-1.70	-13.07	-2.21	1.43	0.38	-0.09	-0.13	0.45	0.01	-0.66	0.04	-0.06	0.13
ACT1FORCE_SIN		0.00	11.94	0.89	3.82	7.69	-2.32	0.50	-0.21	0.10	0.60	0.07	-0.13	2.08	-0.03	0.21	0.58
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.17	-16.73	-9.83	8.34	155.24	18.57	-0.14	0.21	0.38	0.00	0.07	0.09	-0.83	-0.11	-0.03	-0.15
FA1IBVOLTAGE_SIN		0.00	-70.42	-7.55	-24.54	239.82	10.98	0.06	0.01	0.25	0.05	0.02	0.02	-0.18	0.06	0.02	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.12	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.68	16.91	9.88	-8.28	-156.81	-18.84	0.06	-0.15	0.42	0.14	-0.06	-0.09	0.79	0.12	0.03	0.15
FA1OBVOLTAGE_SIN		0.00	70.58	7.60	24.90	-239.80	-11.25	-0.12	-0.14	0.40	0.00	-0.03	-0.02	0.14	-0.08	-0.03	-0.05
MRBLD1CB42P75_COS		-3760.60	-1383.03	-37.60	266.68	-221.29	34.15	-45.43	44.97	12.02	58.08	12.51	-84.59	-21.59	14.85	28.00	-9.34
MRBLD1CB42P75_SIN		0.00	7.72	14.00	-124.17	-25.48	66.55	-51.02	67.91	28.39	-5.97	-53.54	7.25	-11.69	12.02	68.48	-2.58

RUN	POINT	Harmonics															
58	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2837.68	-744.88	232.29	222.98	-246.25	67.14	-195.84	37.89	26.32	43.94	14.84	-50.53	-13.33	9.94	15.69	-0.26
MRBLD1CB70_SIN		0.00	5.47	-28.78	-64.04	-56.56	38.75	20.61	65.40	46.89	-8.09	-61.02	6.69	-0.32	-1.74	54.68	-12.52
MRBLD1CB120_COS		-525.94	-247.66	348.45	172.21	-257.28	98.66	-299.84	21.64	-6.27	-20.40	6.28	38.53	10.53	0.36	0.68	3.96
MRBLD1CB120_SIN		0.00	108.47	-120.46	-107.69	46.11	-9.61	46.13	27.68	-15.92	-39.01	33.52	-3.25	11.63	0.96	3.28	-0.86
MRBLD1CB164_COS		-1967.70	-83.43	120.90	27.30	-179.77	34.32	-130.47	-3.78	-15.25	-25.10	-4.37	36.92	8.75	2.20	0.30	-4.91
MRBLD1CB164_SIN		0.00	79.18	-58.73	-31.92	89.03	-31.92	18.47	-9.88	-39.80	-35.77	48.32	-4.16	12.19	5.34	-36.90	4.46
MRBLD1FB42P75_COS		3041.62	98.71	-385.04	310.12	-492.73	33.21	-132.10	41.18	-126.38	-60.27	52.73	-57.83	-12.20	74.99	170.57	-6.96
MRBLD1FB42P75_SIN		0.00	12.59	-11.75	-266.10	826.46	127.34	-7.02	17.11	-35.32	-80.19	25.94	44.06	3.75	4.80	20.21	7.20
MRBLD1FB70_COS		419.33	-77.47	-187.70	90.23	-179.29	15.40	-29.48	23.10	-1.43	3.50	1.34	0.39	1.86	-8.86	-34.53	-0.30
MRBLD1FB70_SIN		0.00	-138.57	8.75	-82.98	230.77	21.01	-8.46	8.61	2.94	-0.98	1.96	2.57	2.55	1.89	-5.31	-3.72
MRBLD1FB87_COS		-68.77	-41.72	-146.99	28.12	-96.63	-12.72	-2.64	-4.16	21.30	14.20	-5.61	17.73	4.30	-15.48	-35.26	1.79
MRBLD1FB87_SIN		0.00	-143.55	30.24	-3.09	117.00	0.08	-6.64	-6.08	-2.61	7.11	-8.51	-12.37	-1.39	-1.18	-0.44	4.00
MRBLD1FB120_COS		-459.90	-27.29	-208.01	11.10	11.87	-36.52	35.41	-24.98	1.13	-9.45	-3.39	-9.74	-4.06	19.00	51.35	-3.07
MRBLD1FB120_SIN		0.00	-216.24	61.06	65.15	35.84	-28.84	4.40	-15.25	1.52	11.08	4.26	2.39	-0.62	-2.63	-2.83	-6.53
MRBLD1FB164_COS		-112.67	5.85	-317.20	26.43	347.58	50.83	-13.03	24.17	-7.46	12.40	1.48	10.57	6.58	-9.76	-30.47	2.90
MRBLD1FB164_SIN		0.00	-271.16	90.36	46.05	-435.57	-38.97	-0.88	1.06	-3.40	-9.32	-12.44	-5.72	0.36	-5.34	0.92	9.75

RUN	POINT	Harmonics															
58	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-168.09	-6.48	-188.64	1.49	235.82	54.62	-53.40	16.87	15.27	24.05	-8.09	31.16	6.98	16.39	67.40	-4.39
MRBLD1FB180_SIN		0.00	-192.82	61.00	19.38	-333.22	-34.51	12.07	3.65	-21.77	-1.74	-15.97	-25.98	5.11	-3.95	-10.76	-14.88
MRBLD1TOR51_COS		-1381.23	42.62	-20.99	15.11	57.30	36.85	44.74	23.44	-3.22	6.57	3.75	6.15	-0.77	0.95	13.91	5.30
MRBLD1TOR51_SIN		0.00	-43.36	17.33	-47.90	-226.60	111.78	-33.94	12.92	-4.49	-8.76	-12.34	-1.63	9.69	-1.37	13.63	0.56
MRBLD1TOR71_COS		-240.10	51.60	-27.42	-4.81	80.25	33.75	52.59	20.05	-1.15	4.26	1.93	11.18	1.86	0.13	8.38	4.90
MRBLD1TOR71_SIN		0.00	-43.67	8.52	-40.62	-232.09	98.04	-24.01	11.19	0.14	-2.97	-12.21	-0.70	9.76	-2.61	6.19	0.85
MRBLD1TOR130_COS		-1.56	50.20	-6.87	-20.89	100.52	33.78	40.13	16.84	-4.13	5.06	2.12	-2.79	2.82	1.38	-5.22	-3.64
MRBLD1TOR130_SIN		0.00	-35.60	4.95	-27.72	-243.50	79.23	-14.15	9.13	0.31	-5.39	-3.08	1.15	3.76	2.40	-3.45	-0.50
MRBLD1TOR164_COS		-206.36	33.41	43.39	-24.42	-0.05	15.20	13.51	9.22	2.89	4.31	1.42	2.16	4.35	5.28	2.20	-3.45
MRBLD1TOR164_SIN		0.00	-6.70	-5.36	-20.92	-124.66	49.59	-4.47	0.76	-1.07	0.02	-3.29	-0.54	-2.90	4.59	3.75	-3.56
MRFBM1CB26P5_COS		-4453.36	-606.06	-51.78	71.33	35.29	-3.36	34.28	2.37	-10.01	-0.19	-1.28	-4.82	-0.16	1.78	5.69	-1.80
MRFBM1CB26P5_SIN		0.00	-53.22	21.33	-49.01	-17.24	9.90	-24.17	-0.01	-8.54	-2.00	7.84	-0.39	-1.14	5.25	7.49	2.43
MRFBM1FB9_COS		325.66	-42.02	159.21	-93.83	95.41	2.83	7.68	-2.31	1.11	-2.05	-1.17	3.10	0.41	-0.20	0.30	0.12
MRFBM1FB9_SIN		0.00	-4.06	10.48	29.90	-65.29	-11.27	20.01	-3.60	3.26	2.38	-0.76	1.82	0.56	-2.30	-4.90	0.19
MRFBM1TOR26P5_COS		-342.08	90.15	-0.69	0.16	1.56	1.34	0.53	0.12	0.23	0.06	-0.03	0.01	-0.12	-0.06	0.05	0.05
MRFBM1TOR26P5_SIN		0.00	-89.21	0.14	-0.47	-4.95	1.08	-0.50	0.22	0.13	0.15	0.14	-0.01	0.07	0.02	0.05	0.04

RUN	POINT	Harmonics															
58	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-930.54	-1288.83	-110.15	245.37	-167.06	21.82	-14.58	34.06	-12.07	31.66	8.99	-58.83	-12.82	17.04	32.77	-7.23
MRPC1CB33P25_SIN		0.00	37.42	37.46	-150.75	45.36	59.09	-63.55	36.99	-3.72	-20.72	-15.71	6.81	-8.58	16.39	63.21	-0.15
MRPC1FB33P25_COS		2167.35	53.01	-312.89	307.06	-599.69	-9.33	-111.23	28.49	-78.91	-3.35	25.38	-68.05	-9.40	43.34	83.16	-14.38
MRPC1FB33P25_SIN		0.00	140.62	-74.69	-152.29	571.47	103.64	-45.62	25.35	-82.84	-92.03	44.99	-4.65	-7.63	58.46	159.62	-3.19
MRPC1TOR25P5_COS		-787.63	-23.56	-7.91	-2.99	-103.01	-42.42	-59.60	-25.68	-0.01	-7.65	-0.24	-14.16	0.65	4.73	-13.55	-14.27
MRPC1TOR25P5_SIN		0.00	83.19	-76.12	62.83	257.49	-118.53	37.51	-18.34	1.51	2.94	7.47	4.41	-14.45	2.48	0.72	-1.83
MRPLK1LOAD_COS		-73.56	6.97	1.00	0.05	-12.17	-7.03	-6.83	-3.71	-0.09	-0.92	0.20	-1.59	0.53	0.68	-2.98	-2.05
MRPLK1LOAD_SIN		0.00	-13.65	-5.17	7.42	33.24	-15.83	4.89	-1.81	0.11	0.11	0.25	0.50	-1.98	-0.03	-1.16	-0.31
PITCHRH_COS		10423.70	-8271.51	-390.94	27.30	10.49	560.20	229.02	-18.95	46.52	179.49	-246.02	-171.17	35.71	-99.83	48.44	341.29
PITCHRH_SIN		0.00	2241.17	-439.32	88.74	15.89	3362.69	75.20	-35.25	90.52	103.12	-35.92	-42.19	-32.88	51.43	-114.51	579.05
ROLLRH_COS		1439.34	-2085.30	446.72	-2.44	-249.24	-5086.31	49.97	-48.46	57.84	-100.16	183.32	8.51	35.39	55.00	-5.17	-932.32
ROLLRH_SIN		0.00	-8027.97	-499.55	-36.00	-26.83	-1039.02	-29.13	-168.74	-104.93	49.99	17.89	-176.09	142.95	-120.89	-106.88	570.69
TORQ_COS		35622.86	290.45	7.93	0.03	-10.97	35.48	-8.71	-17.29	24.07	-4.15	12.27	4.19	0.47	-0.45	-5.02	-26.13
TORQ_SIN		0.00	623.29	-19.85	38.52	145.49	-116.14	1.28	7.59	-1.25	-7.77	-27.10	1.02	-8.26	0.81	-3.87	-16.26
THRUST_COS		5711.39	-47.90	3.71	6.30	16.32	-54.96	0.23	-11.42	0.27	-3.51	0.31	16.49	2.66	-3.31	5.80	7.03
THRUST_SIN		0.00	-77.01	6.75	8.58	0.57	-120.72	2.77	15.58	1.38	-2.77	-49.26	7.36	5.43	-8.82	2.15	-5.00

RUN	POINT	Harmonics															
58	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.20	61.78	-11.83	-1.16	-33.51	414.95	-3.20	0.01	-1.89	5.59	-4.79	-1.75	-0.86	-1.96	0.71	25.11
SIDERH_SIN		0.00	190.22	10.22	2.21	-17.63	-248.98	7.57	5.87	-1.88	-1.39	0.29	5.77	-2.75	3.35	2.54	-17.79
DRAGRH_COS		-211.17	214.78	11.04	-5.44	-15.89	-244.12	-35.71	9.22	14.39	-8.91	44.96	8.61	3.02	3.08	-1.32	-17.44
DRAGRH_SIN		0.00	-68.73	11.57	1.28	39.43	354.60	-13.17	-0.35	1.44	-8.58	7.09	4.26	2.31	-2.38	6.34	-20.28

RUN	POINT	Harmonics															
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.81	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.09	-0.02	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.25	0.00	-0.02	0.01	0.05	0.01	-0.01	0.00	0.01	0.00	0.02	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.57	2.14	0.59	-1.20	-8.43	-3.21	1.10	0.19	-0.16	0.17	0.07	0.01	2.19	-0.36	0.05	0.23
ACT1FORCE_SIN		0.00	12.16	1.39	2.81	12.18	-1.28	-0.14	0.09	0.37	0.21	-0.36	-0.06	0.97	-0.16	0.22	0.58
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.62	-18.02	-8.86	4.74	257.71	21.65	-0.12	0.09	0.45	0.03	0.06	0.06	-0.25	0.06	-0.04	-0.12
FA1IBVOLTAGE_SIN		0.00	-71.92	-8.22	-18.66	135.19	1.36	0.06	-0.17	-0.22	-0.03	-0.02	-0.07	0.82	0.02	0.02	0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.23	18.19	8.92	-4.60	-258.89	-22.07	0.01	-0.11	0.58	0.10	-0.06	-0.05	0.21	-0.08	0.04	0.12
FA1OBVOLTAGE_SIN		0.00	72.08	8.30	18.98	-134.81	-1.52	-0.09	0.03	-0.13	-0.06	0.02	0.07	-0.77	-0.03	-0.03	-0.07
MRBLD1CB42P75_COS		-3783.24	-1151.74	22.48	193.92	-243.85	78.10	-58.29	58.16	76.48	43.22	-7.88	-54.36	-27.25	16.42	24.40	3.57
MRBLD1CB42P75_SIN		0.00	120.09	9.84	-157.39	93.12	17.79	-45.31	39.62	18.77	0.17	-59.50	47.46	14.48	11.66	58.51	-14.59

RUN	POINT	Harmonics															
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2823.74	-603.87	296.94	161.60	-326.46	100.65	-191.25	53.91	89.92	34.39	-3.42	-31.13	-12.67	7.74	12.50	5.72
MRBLD1CB70_SIN		0.00	73.03	-14.91	-119.24	97.15	7.80	110.66	35.31	24.11	7.70	-64.15	36.27	14.03	11.03	45.34	-21.39
MRBLD1CB120_COS		-542.36	-192.58	395.05	113.95	-291.71	100.27	-295.32	40.72	-27.87	-27.21	28.26	24.45	15.39	0.72	0.03	6.35
MRBLD1CB120_SIN		0.00	126.78	-94.83	-145.62	211.91	-24.95	211.83	11.49	-9.70	-31.46	32.79	-21.71	-2.45	3.48	-1.12	-0.55
MRBLD1CB164_COS		-1972.32	-70.21	125.68	1.53	-161.27	15.82	-134.58	2.97	-57.60	-30.90	19.92	24.55	14.75	4.04	3.12	-12.79
MRBLD1CB164_SIN		0.00	83.50	-52.01	-49.55	173.49	-27.76	99.77	-7.67	-30.00	-40.80	51.33	-24.87	0.68	-5.99	-32.93	8.13
MRBLD1FB42P75_COS		3042.23	47.89	-394.16	123.58	-92.33	57.45	-122.62	55.26	-124.53	-92.47	71.94	-18.24	-0.01	74.35	146.67	2.73
MRBLD1FB42P75_SIN		0.00	-0.34	-51.19	-216.49	1013.25	25.45	19.52	-27.51	3.69	-52.80	-9.78	54.94	32.10	-11.71	18.77	-35.46
MRBLD1FB70_COS		417.85	-75.16	-198.85	25.64	-64.82	19.67	-30.53	25.61	1.68	0.62	-0.46	-0.45	1.03	-9.76	-30.40	-2.01
MRBLD1FB70_SIN		0.00	-132.69	-7.91	-74.30	298.90	-4.97	2.20	0.73	4.91	1.11	0.56	1.96	-0.92	3.22	-5.47	4.58
MRBLD1FB87_COS		-65.49	-40.54	-162.44	-2.54	-42.92	-14.45	-5.40	-4.55	21.23	19.94	-9.64	7.14	1.23	-14.85	-29.50	-0.95
MRBLD1FB87_SIN		0.00	-138.52	15.34	-4.10	145.46	-1.13	-7.20	-2.63	-6.72	2.63	-1.53	-15.73	-9.85	2.22	0.45	12.41
MRBLD1FB120_COS		-450.56	-30.70	-225.49	-16.97	13.29	-46.62	33.23	-29.66	-3.22	-6.39	1.02	-4.61	-1.61	19.19	43.64	0.98
MRBLD1FB120_SIN		0.00	-208.42	37.13	59.30	16.76	-2.18	-4.97	-2.69	-2.77	9.95	1.74	6.14	7.61	-7.24	-4.07	-18.88
MRBLD1FB164_COS		-105.15	-1.06	-313.57	-1.06	118.45	40.69	-8.03	28.10	-2.31	15.17	-2.47	5.78	6.17	-10.11	-24.54	1.88
MRBLD1FB164_SIN		0.00	-264.51	60.20	81.11	-524.93	-27.58	7.51	-9.82	0.03	-9.50	-8.27	-7.27	-8.28	-3.30	1.31	15.69

RUN	POINT	Harmonics															
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-163.78	-9.49	-181.82	-8.57	73.04	45.37	-43.70	20.98	13.50	32.84	-14.13	7.61	6.27	15.77	54.87	-1.32
MRBLD1FB180_SIN		0.00	-188.66	44.47	47.77	-376.27	-41.53	25.02	-2.17	-26.23	-12.56	-8.04	-31.02	-2.86	-2.90	-11.57	-30.63
MRBLD1TOR51_COS		-1380.72	47.09	-14.67	-12.40	-65.68	86.62	33.43	30.14	3.60	4.13	-4.76	1.72	10.49	0.34	12.39	10.17
MRBLD1TOR51_SIN		0.00	-39.24	10.74	-21.91	-234.40	78.10	-42.29	3.96	2.59	-5.11	-12.68	-5.29	-0.86	1.08	10.93	0.13
MRBLD1TOR71_COS		-239.71	53.71	-24.70	-22.54	-42.85	76.68	43.44	24.24	3.60	3.08	-6.85	5.54	10.32	-1.82	8.25	7.50
MRBLD1TOR71_SIN		0.00	-40.85	3.00	-15.29	-249.71	71.16	-33.94	5.08	6.92	-0.59	-11.10	-5.76	-0.67	-0.71	4.28	0.51
MRBLD1TOR130_COS		-0.54	51.91	-3.91	-27.17	-28.73	65.97	35.23	19.41	-0.26	0.40	-1.11	-4.14	1.07	-0.29	-4.37	-6.66
MRBLD1TOR130_SIN		0.00	-33.20	1.64	-1.72	-264.68	56.34	-20.75	3.08	7.36	-3.83	-2.33	2.80	1.84	2.23	-3.58	-1.86
MRBLD1TOR164_COS		-206.12	35.44	44.23	-21.23	-62.81	34.74	13.09	8.78	3.78	3.32	-0.33	0.67	-2.98	5.58	1.62	-4.52
MRBLD1TOR164_SIN		0.00	-6.01	-1.23	-5.91	-112.23	31.61	-5.09	-1.20	1.34	0.31	-1.96	0.08	-0.07	3.96	3.24	-4.13
MRFBM1CB26P5_COS		-4470.16	-494.24	-34.75	61.06	40.07	2.47	27.69	0.57	-9.78	-1.99	0.68	-2.70	-1.72	3.52	4.95	1.56
MRFBM1CB26P5_SIN		0.00	5.62	16.99	-44.55	-32.86	0.62	-43.50	-1.13	-3.39	-3.58	5.75	1.47	0.44	2.32	6.84	2.31
MRFBM1FB9_COS		324.16	-124.80	149.74	-45.40	64.26	-3.98	15.48	-4.95	0.57	-0.47	-2.03	2.88	1.36	-0.79	0.19	-1.51
MRFBM1FB9_SIN		0.00	1.23	32.50	35.61	-104.42	-4.50	18.48	-2.05	2.16	2.26	-0.30	-0.49	-0.42	-2.47	-4.26	-0.07
MRFBM1TOR26P5_COS		-342.12	89.57	-0.73	0.01	-1.20	2.02	0.12	0.24	0.22	0.28	0.06	0.03	0.08	0.02	0.00	0.10
MRFBM1TOR26P5_SIN		0.00	-89.74	0.13	-0.30	-5.70	0.66	-0.85	0.24	0.04	0.08	0.13	-0.05	0.02	0.03	0.08	0.08

RUN	POINT	Harmonics															
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-949.75	-1080.94	-59.09	181.64	-135.17	53.59	-31.36	41.42	18.56	16.37	4.73	-36.23	-18.46	18.98	28.18	7.98
MRPC1CB33P25_SIN		0.00	129.12	28.85	-159.34	120.20	10.16	-72.60	16.80	-1.22	-16.86	-21.43	32.44	11.48	12.72	54.85	-10.94
MRPC1FB33P25_COS		2169.79	6.02	-312.72	146.14	-310.64	35.66	-108.07	54.46	-91.68	-41.25	57.79	-45.50	-23.19	54.68	69.38	27.75
MRPC1FB33P25_SIN		0.00	123.55	-106.95	-147.18	819.25	28.82	-17.02	-4.97	-53.49	-85.91	28.41	28.84	22.25	50.09	136.56	-18.40
MRPC1TOR25P5_COS		-788.51	-30.97	-10.18	22.04	38.18	-95.47	-45.93	-33.44	-4.16	-9.49	6.49	-6.88	-17.28	2.49	-12.14	-17.84
MRPC1TOR25P5_SIN		0.00	76.45	-71.38	28.67	286.48	-88.09	49.94	-10.88	-5.16	2.88	7.83	12.91	1.40	0.41	-0.17	-4.92
MRPLK1LOAD_COS		-73.86	6.96	0.38	3.54	5.78	-14.39	-5.01	-4.68	-0.87	-1.45	0.52	-1.02	-2.24	-0.13	-2.34	-2.89
MRPLK1LOAD_SIN		0.00	-14.20	-4.32	3.16	36.39	-10.94	6.19	-0.76	-0.46	0.04	0.53	1.50	0.01	-0.24	-1.25	-0.88
PITCHRH_COS		11851.54	-8293.39	-402.00	52.18	-73.80	2248.03	52.96	-66.58	127.97	110.68	103.34	-147.66	32.08	-87.26	-59.12	637.68
PITCHRH_SIN		0.00	2213.87	-439.14	69.11	-47.02	2653.95	55.78	35.40	-59.53	-99.76	-74.25	81.26	-14.89	58.73	-72.48	636.11
ROLLRH_COS		1462.09	-2096.36	431.97	-44.87	-360.38	-5520.57	52.59	-77.17	52.64	-16.36	296.96	-140.97	175.73	-92.98	-119.75	-777.44
ROLLRH_SIN		0.00	-8066.96	-526.43	-51.14	118.96	1232.16	-140.47	-89.02	-84.74	45.76	-47.17	-137.70	52.10	70.42	-152.09	415.32
TORQ_COS		35386.01	275.61	7.86	14.12	8.89	-38.42	-7.80	4.06	2.82	-3.24	14.22	2.21	3.07	0.00	-8.71	-31.96
TORQ_SIN		0.00	656.40	-18.41	35.32	95.92	-88.13	8.20	11.14	-11.06	-7.66	-22.42	1.91	-7.76	5.96	-2.27	11.68
THRUST_COS		5712.03	-46.85	4.32	9.35	16.79	-108.82	-0.71	8.44	3.31	-5.61	-52.09	32.31	1.95	-5.35	7.19	-0.98
THRUST_SIN		0.00	-77.59	8.52	6.51	4.04	-65.20	4.42	14.96	2.07	3.96	-45.16	-5.86	5.83	-6.93	-4.58	27.61

RUN	POINT	Harmonics															
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.43	68.21	-11.78	1.73	-25.81	303.72	-4.29	1.53	-5.65	1.89	-9.52	3.24	-4.02	2.90	3.94	20.62
SIDERH_SIN		0.00	190.23	11.13	1.45	-38.00	-453.65	15.14	3.69	-0.62	-2.05	-0.54	6.64	-1.25	-1.93	3.71	-12.69
DRAGRH_COS		-201.23	215.01	11.50	-6.24	-10.41	-29.43	-23.47	5.35	11.87	-6.08	25.98	9.75	-0.23	2.89	5.30	-31.47
DRAGRH_SIN		0.00	-68.87	11.13	2.53	43.39	514.34	-3.80	-6.75	-8.16	2.39	-15.23	-2.38	-1.94	-2.56	2.53	-24.83

RUN	POINT	Harmonics															
58	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.33	0.00	0.04	0.00	0.01	-0.01	0.00	0.01	0.02	-0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.66	0.00	-0.05	0.00	0.02	0.01	0.00	-0.01	-0.11	0.00	0.02	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-21.90	2.00	0.69	-1.33	-2.13	-3.23	0.90	0.31	-0.26	-0.30	-0.02	0.29	1.09	-0.24	-0.17	-0.12
ACT1FORCE_SIN		0.00	11.72	1.27	1.52	14.05	0.20	-0.79	-0.21	0.37	0.05	-0.04	-0.11	-2.49	0.06	0.21	0.38
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.14	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.80	-17.89	-9.94	7.21	296.59	19.14	-0.09	-0.01	0.10	-0.06	-0.02	-0.02	0.91	0.09	-0.04	-0.03
FA1IBVOLTAGE_SIN		0.00	-68.39	-5.84	-8.44	-6.64	-6.01	0.09	-0.20	-0.61	-0.12	0.00	0.00	0.33	-0.06	-0.04	-0.11
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.05	18.09	10.01	-6.99	-297.45	-19.58	-0.01	-0.02	0.17	0.08	0.02	0.02	-0.86	-0.09	0.04	0.02
FA1OBVOLTAGE_SIN		0.00	68.52	5.91	8.67	8.03	6.11	-0.05	0.08	-0.50	-0.04	0.01	0.01	-0.27	0.08	0.04	0.09
MRBLD1CB42P75_COS		-3767.40	-1227.46	32.11	105.40	-210.57	73.82	-72.21	23.32	84.20	56.02	-22.24	-63.11	-2.15	13.23	39.79	-12.10
MRBLD1CB42P75_SIN		0.00	52.72	-14.63	-123.36	177.19	-44.35	-35.51	5.01	-55.48	16.54	-49.82	43.41	29.27	15.31	59.70	-15.52

RUN	POINT	Harmonics															
58	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2825.95	-657.74	331.87	72.76	-315.06	75.55	-154.06	12.87	84.78	55.86	-8.10	-36.94	4.30	11.60	24.51	-7.23
MRBLD1CB70_SIN		0.00	41.37	-26.07	-111.39	253.87	-14.38	146.97	4.52	-51.47	25.42	-51.75	34.29	17.44	19.00	48.16	-24.01
MRBLD1CB120_COS		-557.34	-213.87	436.90	39.06	-253.02	66.42	-206.97	10.28	-36.64	-31.88	39.68	28.34	1.58	3.52	-4.86	3.04
MRBLD1CB120_SIN		0.00	115.59	-88.55	-132.64	347.04	-7.79	285.66	-13.82	7.43	-30.56	23.04	-19.89	-10.20	2.77	2.03	-4.72
MRBLD1CB164_COS		-1975.67	-73.37	136.40	-30.83	-113.00	-10.33	-96.11	1.79	-65.95	-47.21	27.11	27.91	3.56	4.51	-4.91	-5.43
MRBLD1CB164_SIN		0.00	83.20	-46.86	-48.04	219.81	0.66	142.21	-7.49	12.07	-47.85	39.60	-18.75	-5.10	-12.41	-38.27	14.79
MRBLD1FB42P75_COS		3029.19	77.97	-436.35	-17.67	235.78	73.79	-68.65	-27.10	-118.06	-99.05	52.10	-16.26	32.65	66.39	169.02	-30.60
MRBLD1FB42P75_SIN		0.00	5.18	-70.88	-44.61	862.07	-68.48	28.60	-77.31	2.93	-32.36	-35.11	44.66	31.32	-12.39	1.27	-13.98
MRBLD1FB70_COS		418.63	-70.37	-218.92	-27.29	36.62	20.33	-20.80	10.21	0.95	2.59	-0.85	-0.28	-3.03	-9.28	-35.61	5.36
MRBLD1FB70_SIN		0.00	-137.43	-17.91	-24.03	263.53	-28.64	8.36	-8.50	0.13	2.09	1.39	2.80	-1.65	2.52	-3.26	-1.14
MRBLD1FB87_COS		-62.73	-38.72	-182.12	-32.12	3.49	-14.96	-8.54	2.46	20.38	20.39	-5.84	8.07	-7.30	-12.63	-32.85	5.40
MRBLD1FB87_SIN		0.00	-141.37	7.90	17.56	130.78	0.76	-3.96	2.71	-5.29	-0.74	3.85	-13.74	-8.79	1.80	4.48	9.33
MRBLD1FB120_COS		-440.96	-33.29	-252.42	-43.97	13.88	-48.27	22.93	-8.31	-4.82	-4.99	1.63	-4.29	6.74	16.64	50.40	-8.47
MRBLD1FB120_SIN		0.00	-202.65	19.51	67.96	7.34	27.53	-7.51	10.56	1.06	9.18	-2.65	4.06	7.60	-6.79	-7.72	-14.52
MRBLD1FB164_COS		-93.55	-7.20	-348.46	-7.69	-88.35	32.52	7.91	2.59	-1.22	13.83	-2.52	7.60	-1.08	-8.03	-27.74	6.16
MRBLD1FB164_SIN		0.00	-259.94	30.28	128.32	-430.88	-29.86	1.02	-30.90	-7.28	-9.92	0.42	-5.00	-8.95	-4.51	1.96	13.75

RUN	POINT	Harmonics															
58	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-155.74	-12.35	-200.77	-3.41	-68.68	34.85	-22.22	2.31	7.53	37.57	-1.13	14.03	-1.90	14.96	58.44	-16.75
MRBLD1FB180_SIN		0.00	-183.25	25.65	80.05	-293.01	-50.47	20.95	-15.97	-27.76	-18.31	4.46	-24.59	-6.47	-4.48	-13.71	-21.89
MRBLD1TOR51_COS		-1382.30	47.56	-13.86	-24.64	-187.59	111.42	23.95	5.89	1.77	7.54	-5.23	2.85	0.80	4.65	12.40	6.28
MRBLD1TOR51_SIN		0.00	-37.45	4.50	20.09	-186.56	20.53	-49.24	-7.30	-1.67	-2.30	-3.82	-1.72	-14.92	-1.43	10.01	-4.48
MRBLD1TOR71_COS		-240.36	55.56	-24.42	-25.78	-166.21	98.44	33.18	4.21	2.50	6.19	-7.58	5.38	0.29	1.43	7.09	3.54
MRBLD1TOR71_SIN		0.00	-39.19	-1.44	18.79	-206.19	21.30	-42.66	-1.78	5.05	1.39	-1.73	-2.67	-12.70	-1.34	4.58	-1.92
MRBLD1TOR130_COS		-0.97	51.48	-2.48	-19.85	-154.93	78.74	27.95	2.61	1.36	1.52	-2.85	-5.28	-1.15	-0.29	-4.80	-7.86
MRBLD1TOR130_SIN		0.00	-31.50	-1.67	25.78	-214.74	15.30	-27.91	-2.88	5.46	-1.02	1.20	3.41	2.74	4.72	-0.89	2.26
MRBLD1TOR164_COS		-207.19	35.05	50.22	-10.30	-115.77	40.95	8.89	-0.65	3.93	5.63	-0.92	0.04	-1.54	3.24	4.00	-5.23
MRBLD1TOR164_SIN		0.00	-5.41	1.82	4.74	-77.64	5.85	-6.68	-1.58	1.48	1.83	0.41	1.00	8.69	5.68	6.28	-0.98
MRFBM1CB26P5_COS		-4460.41	-526.08	-38.33	53.75	33.36	5.33	15.37	0.43	-4.54	-5.14	-1.68	-2.35	-0.83	2.02	5.26	-0.33
MRFBM1CB26P5_SIN		0.00	-31.10	9.49	-31.69	-50.01	-15.77	-48.94	-2.07	-2.19	-4.24	2.43	0.83	2.31	1.10	6.73	1.56
MRFBM1FB9_COS		318.89	-93.38	167.02	4.88	25.41	-7.98	17.59	-3.43	0.02	-0.35	-2.16	2.60	0.87	-0.62	-0.49	-0.93
MRFBM1FB9_SIN		0.00	12.96	54.19	7.34	-105.56	1.74	12.44	3.64	3.82	1.52	0.51	-0.33	-1.65	-2.10	-4.66	1.06
MRFBM1TOR26P5_COS		-341.98	89.56	-0.62	0.01	-3.99	2.33	-0.32	0.23	0.07	0.24	0.18	0.13	0.03	0.06	0.03	0.20
MRFBM1TOR26P5_SIN		0.00	-89.37	0.05	0.08	-4.82	0.06	-1.12	0.13	0.03	-0.04	0.06	-0.04	-0.12	-0.17	-0.01	0.00

RUN	POINT	Harmonics															
58	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-931.54	-1149.29	-59.14	115.78	-86.10	56.91	-46.90	15.34	25.73	18.86	-4.40	-40.26	-0.31	14.38	40.47	-9.35
MRPC1CB33P25_SIN		0.00	68.85	4.45	-111.79	139.68	-51.65	-63.93	-10.78	-38.18	-6.96	-21.68	28.08	23.79	13.78	56.88	-13.45
MRPC1FB33P25_COS		2160.43	31.96	-343.82	-0.20	-2.85	70.55	-63.88	8.92	-85.23	-54.70	56.25	-39.86	1.26	50.37	97.64	-10.75
MRPC1FB33P25_SIN		0.00	129.39	-127.03	-33.84	772.10	-39.35	8.50	-75.34	-54.87	-74.55	-0.60	21.37	46.34	45.48	146.90	-33.75
MRPC1TOR25P5_COS		-791.06	-28.67	-13.95	28.13	186.47	-125.52	-34.00	-12.45	-1.38	-9.94	3.96	-10.30	-2.68	-3.13	-9.98	-21.75
MRPC1TOR25P5_SIN		0.00	74.32	-63.01	-16.96	242.66	-27.87	59.15	-0.60	-6.32	2.85	0.12	7.37	21.97	8.61	6.69	2.51
MRPLK1LOAD_COS		-74.08	6.90	0.42	4.46	24.86	-17.92	-3.72	-1.38	-0.16	-1.49	-0.15	-1.74	-0.51	-0.88	-2.38	-3.79
MRPLK1LOAD_SIN		0.00	-14.85	-3.46	-3.00	30.50	-2.41	7.58	0.58	-0.12	0.28	0.11	0.82	3.05	1.62	0.08	0.54
PITCHRH_COS		11361.16	-8296.12	-398.50	45.07	-116.30	2848.26	36.86	-42.40	47.35	-24.64	125.30	-58.54	74.84	-0.42	-95.08	725.43
PITCHRH_SIN		0.00	2247.71	-451.16	30.11	-98.10	1080.57	94.45	69.31	-62.33	-204.50	-540.86	134.36	-8.65	107.96	56.18	401.46
ROLLRH_COS		1174.97	-2102.17	443.07	-50.37	-400.45	-4274.29	58.70	-73.20	108.93	104.26	215.87	-182.81	130.46	-11.55	-38.74	-882.62
ROLLRH_SIN		0.00	-8002.73	-522.82	-64.56	240.87	2786.20	-121.86	-48.80	-37.35	-2.01	-129.86	-34.22	-37.89	150.84	-2.24	488.76
TORQ_COS		35612.25	287.70	3.85	22.61	23.71	-50.72	-6.78	0.43	-20.73	0.20	26.73	2.99	2.61	1.02	-5.31	-14.17
TORQ_SIN		0.00	659.48	-19.72	23.50	33.27	-5.45	14.50	0.22	-0.75	-7.64	-19.51	2.85	-8.85	5.63	-1.84	14.26
THRUST_COS		5694.25	-43.04	6.66	8.31	10.84	-126.51	-0.78	9.99	3.51	-3.59	-71.80	21.23	8.36	-2.31	-11.94	12.10
THRUST_SIN		0.00	-77.17	9.43	4.14	12.00	0.18	2.51	7.69	-0.97	9.32	-3.26	-32.06	-1.43	-0.22	-3.61	28.04

RUN	POINT	Harmonics															
58	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.64	63.27	-12.23	2.92	-17.94	112.01	-0.37	1.37	-6.43	-4.44	-8.59	5.58	-2.90	0.51	1.25	24.14
SIDERH_SIN		0.00	181.15	11.58	-0.59	-60.71	-509.04	13.52	3.05	2.73	-0.54	-0.36	4.32	0.90	-4.29	-0.74	-14.52
DRAGRH_COS		-205.19	214.39	9.98	-4.49	-4.81	170.84	-23.52	3.22	2.71	-1.65	3.99	7.65	-4.08	0.52	4.23	-37.67
DRAGRH_SIN		0.00	-68.47	11.23	4.11	40.81	492.29	0.12	-6.83	-11.01	8.41	-0.49	-5.74	-1.97	-4.78	-5.02	-15.33

RUN	POINT	Harmonics															
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	0.00	1.48	0.00	0.03	-0.01	0.00	-0.02	-0.01	0.00	-0.09	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.08	0.00	-0.06	0.00	0.00	0.01	-0.01	-0.01	-0.02	0.01	0.02	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.58	1.78	0.46	-2.24	4.14	-2.75	0.71	0.07	-0.34	-0.70	-0.14	0.14	-1.95	0.23	-0.42	-0.05
ACT1FORCE_SIN		0.00	11.22	1.34	0.51	12.10	1.45	-0.96	-0.27	0.23	-0.12	-0.31	-0.36	-1.07	0.21	0.20	0.26
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.57	-17.18	-8.12	13.87	261.38	13.80	-0.09	-0.13	-0.40	-0.13	0.02	0.02	0.38	-0.01	-0.07	-0.09
FA1IBVOLTAGE_SIN		0.00	-65.03	-5.58	-2.79	-145.58	-10.85	0.09	-0.18	-0.52	-0.13	-0.02	0.00	-0.81	-0.05	-0.12	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.27	17.36	8.20	-13.65	-261.50	-14.14	0.02	0.06	-0.37	0.02	-0.02	-0.01	-0.32	0.04	0.06	0.07
FA1OBVOLTAGE_SIN		0.00	65.14	5.64	2.91	147.19	11.13	-0.03	0.04	-0.36	0.01	0.01	0.02	0.78	0.07	0.12	0.08
MRBLD1CB42P75_COS		-3791.94	-1271.24	59.49	61.72	-132.02	31.56	-91.51	-33.94	35.97	73.90	-71.27	-68.08	13.51	18.06	50.41	-15.92
MRBLD1CB42P75_SIN		0.00	85.78	-26.61	-41.89	223.74	-94.96	-13.66	3.68	-85.08	17.63	-27.26	47.06	-0.49	22.57	53.82	-8.82

RUN	POINT	Harmonics															
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2819.95	-685.35	367.44	16.50	-211.68	24.99	-103.83	-39.69	23.29	77.82	-40.42	-38.33	10.08	21.05	36.32	-14.08
MRBLD1CB70_SIN		0.00	64.28	-40.54	-50.86	368.69	-27.14	164.27	15.78	-78.84	20.02	-34.78	40.57	-2.79	20.37	45.78	-17.25
MRBLD1CB120_COS		-554.67	-223.39	469.78	-3.30	-130.94	27.80	-79.73	-26.16	-29.90	-37.66	63.84	29.16	-5.07	4.79	-3.89	3.28
MRBLD1CB120_SIN		0.00	112.66	-94.08	-79.04	426.94	15.57	306.72	-2.65	21.42	-24.84	4.66	-18.86	7.19	-1.53	7.83	-1.72
MRBLD1CB164_COS		-1974.09	-72.38	143.29	-50.92	-38.81	-27.63	-28.01	6.84	-39.28	-63.80	52.75	28.58	-4.32	-2.74	-15.29	1.02
MRBLD1CB164_SIN		0.00	78.87	-42.07	-24.17	227.84	36.90	156.19	-1.36	37.64	-38.50	23.53	-20.69	11.52	-11.71	-39.57	8.56
MRBLD1FB42P75_COS		3035.28	95.48	-448.12	-4.89	476.87	37.28	-39.83	-144.70	-84.68	-88.37	5.94	-33.81	34.36	76.28	180.60	-27.36
MRBLD1FB42P75_SIN		0.00	-13.85	-65.07	177.50	552.36	-134.44	28.19	-53.92	7.07	-7.98	-28.41	46.22	3.40	-6.57	-25.13	0.32
MRBLD1FB70_COS		416.87	-67.45	-227.13	-32.92	115.21	6.17	-14.35	-12.33	-0.01	4.27	-1.44	1.06	-4.12	-11.35	-38.22	2.57
MRBLD1FB70_SIN		0.00	-141.99	-15.36	47.22	175.47	-44.02	13.29	-3.39	0.39	1.77	3.43	2.87	1.13	2.36	3.17	-4.17
MRBLD1FB87_COS		-65.91	-37.45	-191.70	-39.27	38.92	-16.25	-9.23	12.07	17.11	19.36	5.37	11.78	-6.49	-15.60	-35.56	5.84
MRBLD1FB87_SIN		0.00	-143.03	11.74	53.50	89.94	2.66	0.90	2.16	-5.95	-4.77	0.95	-15.14	-0.07	0.52	8.73	6.37
MRBLD1FB120_COS		-442.24	-33.58	-269.25	-54.27	8.68	-36.12	15.55	21.42	-6.38	-6.62	-3.19	-6.94	6.36	19.53	55.17	-8.53
MRBLD1FB120_SIN		0.00	-191.12	18.51	95.24	-2.24	55.14	-8.93	2.87	1.07	9.26	-0.84	4.63	-1.48	-5.40	-14.37	-9.75
MRBLD1FB164_COS		-88.14	-11.20	-368.63	13.80	-228.80	35.36	17.48	-41.70	1.45	14.04	4.31	8.97	-2.56	-9.40	-31.19	4.66
MRBLD1FB164_SIN		0.00	-246.90	18.71	175.44	-236.15	-34.64	-10.35	-26.59	-4.85	-6.06	-1.77	-7.92	-0.12	-4.85	4.33	10.48

RUN	POINT	Harmonics															
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-150.41	-16.18	-212.39	16.74	-157.40	25.74	-12.15	-34.85	6.62	37.55	21.03	22.58	-2.94	19.35	66.58	-14.69
MRBLD1FB180_SIN		0.00	-172.32	12.84	103.35	-143.27	-62.02	11.28	-9.15	-18.58	-25.11	-5.23	-28.26	2.80	-5.87	-20.14	-15.90
MRBLD1TOR51_COS		-1379.79	49.89	-12.11	-9.77	-263.35	105.26	5.22	-19.38	0.29	8.38	-0.98	6.93	-10.52	4.80	13.14	2.86
MRBLD1TOR51_SIN		0.00	-36.51	1.42	63.40	-82.94	-42.64	-51.11	10.98	-0.82	-5.06	-1.98	-1.54	-3.56	-1.81	9.62	-9.25
MRBLD1TOR71_COS		-238.83	58.19	-23.98	-9.22	-247.01	94.67	14.55	-13.84	2.13	7.27	-0.67	9.02	-9.03	3.08	7.02	2.77
MRBLD1TOR71_SIN		0.00	-39.38	-3.20	50.06	-105.42	-33.96	-47.04	16.52	4.98	-1.94	1.44	-1.85	-1.44	-2.48	5.46	-3.00
MRBLD1TOR130_COS		0.75	52.57	-1.41	0.02	-238.00	72.52	14.34	-13.12	2.06	3.11	-1.61	-4.83	-0.36	3.00	-4.35	-4.44
MRBLD1TOR130_SIN		0.00	-30.38	-3.31	45.70	-107.75	-28.26	-32.42	12.10	4.21	-1.61	3.46	4.52	5.49	2.92	0.39	7.19
MRBLD1TOR164_COS		-206.57	35.60	52.92	3.26	-141.63	33.19	1.08	-6.98	4.58	8.50	1.40	0.13	5.23	4.68	7.24	-3.13
MRBLD1TOR164_SIN		0.00	-4.79	2.08	7.96	-22.73	-20.48	-7.66	8.24	0.37	-0.09	3.76	1.92	6.44	5.00	7.27	4.38
MRFBM1CB26P5_COS		-4476.61	-546.18	-31.33	55.08	15.45	3.55	-0.93	-1.19	1.50	-7.03	-4.82	-2.96	1.09	1.17	5.97	0.24
MRFBM1CB26P5_SIN		0.00	-17.70	8.91	-16.21	-60.58	-29.45	-46.45	-4.09	-3.05	-2.37	1.57	-0.49	1.70	2.30	6.71	2.30
MRFBM1FB9_COS		336.90	-94.84	170.58	23.10	-13.81	-6.64	18.17	2.69	0.60	-0.81	-0.33	2.55	-0.53	-0.47	-1.31	-0.56
MRFBM1FB9_SIN		0.00	-2.46	56.09	-48.22	-87.20	7.71	4.70	7.11	3.79	0.60	1.53	-0.18	-1.23	-2.60	-4.99	1.17
MRFBM1TOR26P5_COS		-341.81	89.65	-0.53	0.03	-5.61	2.09	-0.87	0.13	0.00	0.08	0.06	0.18	-0.09	-0.11	-0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-89.07	-0.06	0.31	-2.44	-0.76	-0.90	0.07	0.19	0.02	-0.14	-0.12	-0.10	-0.08	-0.07	-0.25

RUN	POINT	Harmonics															
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-948.07	-1185.99	-37.92	94.93	-29.78	28.26	-66.92	-29.47	9.50	25.76	-37.27	-46.27	12.28	18.17	50.97	-12.94
MRPC1CB33P25_SIN		0.00	97.64	-3.99	-33.50	127.61	-100.71	-43.15	-15.82	-50.86	-1.83	-11.21	28.97	3.71	20.75	52.63	-6.29
MRPC1FB33P25_COS		2169.43	45.96	-353.72	-31.61	268.42	56.42	-36.06	-89.98	-64.75	-58.05	17.76	-54.28	22.73	53.92	127.65	-19.50
MRPC1FB33P25_SIN		0.00	112.16	-122.84	148.64	573.63	-96.11	15.07	-101.45	-39.60	-52.96	-20.35	12.61	26.78	56.15	141.90	-20.17
MRPC1TOR25P5_COS		-795.49	-29.61	-14.39	6.86	288.14	-122.98	-11.88	10.16	-3.27	-6.30	-3.59	-16.37	13.66	2.00	-6.29	-14.61
MRPC1TOR25P5_SIN		0.00	71.72	-57.35	-59.51	128.99	40.65	60.72	-17.83	-10.77	5.03	2.26	7.52	6.62	6.67	8.37	19.08
MRPLK1LOAD_COS		-74.86	6.85	0.34	1.58	37.56	-16.74	-0.93	2.00	0.06	-0.75	-0.35	-2.46	1.95	0.54	-2.02	-2.00
MRPLK1LOAD_SIN		0.00	-15.22	-2.75	-8.73	15.65	7.15	7.82	-1.86	-0.86	0.34	1.15	1.20	1.32	0.87	0.78	3.79
PITCHRH_COS		11387.56	-8283.96	-394.66	58.40	-175.36	2592.91	55.34	-13.61	14.75	-188.37	-366.11	75.50	81.31	82.89	38.15	663.85
PITCHRH_SIN		0.00	2269.69	-443.67	18.67	-88.85	-602.46	71.83	139.82	27.37	-202.01	-705.36	98.37	-58.01	5.15	107.37	350.74
ROLLRH_COS		1405.77	-2096.61	442.84	-49.99	-384.03	-2319.23	2.27	-100.30	140.53	152.82	87.23	-141.56	41.89	35.78	107.11	-818.17
ROLLRH_SIN		0.00	-7982.48	-520.51	-66.46	360.16	3750.44	-70.33	-64.44	-10.66	-89.09	-73.69	78.84	-47.59	96.40	-27.29	832.73
TORQ_COS		35324.99	293.29	-3.63	22.17	3.43	-28.14	-0.78	-6.31	-36.26	1.31	33.82	3.05	1.06	2.15	-1.48	-10.26
TORQ_SIN		0.00	656.56	-24.14	12.20	4.46	77.57	18.99	-0.12	14.15	-9.14	-23.58	3.94	-10.63	5.57	-4.79	4.68
THRUST_COS		5751.52	-42.01	8.22	6.21	10.13	-103.50	1.46	7.62	0.70	2.23	-34.90	-10.79	4.48	-0.96	-17.82	15.46
THRUST_SIN		0.00	-76.71	8.89	2.53	14.29	63.26	0.21	4.65	-2.59	7.77	38.34	-30.61	-9.50	-3.64	10.23	14.17

RUN	POINT	Harmonics															
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.74	62.93	-12.48	3.95	-14.38	-105.64	6.90	1.58	-4.58	-7.90	-7.72	7.02	-0.81	-0.91	-3.51	22.44
SIDERH_SIN		0.00	180.55	11.69	-2.60	-80.78	-457.32	8.60	2.96	3.61	3.67	-2.33	0.34	0.72	-2.84	0.54	-24.46
DRAGRH_COS		-203.61	214.65	8.95	-1.91	2.02	340.44	-23.27	0.01	-5.57	5.90	5.83	1.43	-5.83	-2.81	-4.93	-35.00
DRAGRH_SIN		0.00	-68.29	12.10	4.75	32.21	345.32	4.52	-4.97	-4.95	15.14	22.47	-8.66	3.70	-0.73	-3.29	-9.65

RUN	POINT	Harmonics															
58	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	1.24	0.00	0.02	0.00	-0.02	-0.02	-0.01	-0.01	0.00	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.81	0.00	-0.05	0.01	0.00	0.00	-0.01	0.01	0.09	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-22.67	1.69	0.74	-3.44	8.49	-1.21	0.61	0.19	-0.39	-0.84	-0.08	-0.21	-0.47	-0.06	-0.41	-0.13
ACT1FORCE_SIN		0.00	11.13	1.91	0.09	6.95	2.32	-0.81	0.01	0.32	-0.05	-0.31	0.07	2.22	0.02	0.24	0.19
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.10	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.96	-17.12	-7.47	21.40	163.10	3.64	-0.03	-0.19	-0.62	-0.10	0.01	-0.05	-0.82	0.00	-0.06	0.01
FA1IBVOLTAGE_SIN		0.00	-63.77	-9.79	-0.90	-245.38	-11.93	0.14	-0.06	0.00	0.00	0.01	-0.09	-0.34	-0.08	-0.12	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.10	0.01	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.88	17.27	7.58	-21.23	-162.46	-3.80	-0.01	0.04	-0.49	-0.02	-0.01	0.05	0.79	0.03	0.06	0.01
FA1OBVOLTAGE_SIN		0.00	63.86	9.84	0.93	246.85	12.29	-0.04	-0.05	0.12	0.03	-0.01	0.07	0.29	0.06	0.11	0.05
MRBLD1CB42P75_COS		-3770.46	-1396.90	65.04	47.66	-63.22	-39.79	-86.03	-73.15	-5.06	64.32	-37.82	-61.09	-27.94	23.88	51.49	-22.31
MRBLD1CB42P75_SIN		0.00	-29.02	-73.65	56.82	221.77	-124.65	18.93	24.64	-55.58	-2.94	-2.65	58.98	-23.07	9.99	36.31	-1.85

RUN	POINT	Harmonics															
58	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2834.84	-771.56	383.79	-21.15	-99.12	-31.53	-49.16	-61.26	-22.82	69.33	-13.25	-27.73	-16.44	18.26	37.57	-18.20
MRBLD1CB70_SIN		0.00	-2.58	-77.41	32.48	420.03	-36.30	143.30	44.12	-40.64	-4.88	-19.97	48.73	-12.77	9.25	32.82	-5.25
MRBLD1CB120_COS		-551.32	-261.59	495.37	-31.36	-24.28	4.63	36.48	-37.51	-13.11	-32.64	43.60	27.53	17.48	-3.46	-1.75	5.72
MRBLD1CB120_SIN		0.00	80.26	-110.89	-9.41	438.83	32.10	241.40	30.14	25.39	-11.08	-3.67	-18.37	19.23	-1.97	5.91	-2.94
MRBLD1CB164_COS		-1974.17	-81.00	155.01	-63.76	10.11	-21.09	29.69	13.78	-7.02	-56.75	31.24	23.26	13.20	-1.29	-15.90	3.94
MRBLD1CB164_SIN		0.00	69.54	-41.08	6.09	196.29	61.04	121.06	4.16	29.30	-14.03	14.76	-23.93	24.66	-3.55	-29.84	2.53
MRBLD1FB42P75_COS		3019.44	140.44	-473.21	86.26	478.17	-14.10	10.43	-218.98	-36.32	-66.48	25.82	-20.40	3.26	63.12	148.94	-26.09
MRBLD1FB42P75_SIN		0.00	0.38	-63.88	393.74	152.47	-140.35	26.35	39.34	-9.81	4.01	2.38	72.78	4.91	-25.65	-52.64	18.46
MRBLD1FB70_COS		413.73	-59.77	-236.44	-9.62	125.13	-10.30	-0.48	-26.46	3.81	4.13	0.31	-0.39	-2.15	-8.62	-30.67	2.14
MRBLD1FB70_SIN		0.00	-148.52	-14.82	120.12	55.46	-43.54	15.95	13.51	1.08	0.99	3.83	1.72	1.27	4.72	9.03	-5.09
MRBLD1FB87_COS		-67.83	-31.63	-201.05	-33.19	42.43	-16.12	-9.27	17.66	10.20	15.14	-0.60	8.11	3.21	-13.70	-29.26	6.75
MRBLD1FB87_SIN		0.00	-146.56	16.26	91.64	33.15	4.83	3.37	-5.54	-5.69	-7.68	-5.48	-20.28	-0.02	4.82	12.31	0.94
MRBLD1FB120_COS		-440.11	-27.38	-288.15	-50.46	-0.05	-10.58	0.41	39.16	-11.71	-5.75	-1.30	-3.43	-1.33	16.95	45.45	-9.78
MRBLD1FB120_SIN		0.00	-183.44	19.32	127.18	-7.46	64.88	-9.92	-20.32	3.53	8.30	0.82	5.78	-2.58	-8.88	-21.11	-3.32
MRBLD1FB164_COS		-82.83	-5.28	-403.76	58.03	-237.10	35.15	31.32	-66.93	11.03	13.01	-2.45	4.53	5.82	-7.93	-25.19	7.18
MRBLD1FB164_SIN		0.00	-230.21	4.31	203.24	11.94	-38.99	-21.86	5.35	-6.16	-2.42	-4.69	-12.58	1.23	-1.82	7.00	5.29

RUN	POINT	Harmonics															
58	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-148.62	-14.92	-236.95	49.06	-150.87	11.20	6.16	-58.79	12.94	29.90	9.35	19.04	14.88	15.87	53.62	-15.83
MRBLD1FB180_SIN		0.00	-154.00	-1.43	107.54	38.46	-59.27	0.20	15.14	-15.36	-27.28	-17.09	-38.69	4.29	-8.05	-28.81	-6.78
MRBLD1TOR51_COS		-1379.93	48.88	-17.95	17.90	-278.52	66.28	-6.30	-24.34	0.15	3.50	3.29	10.72	2.77	1.17	12.38	-4.53
MRBLD1TOR51_SIN		0.00	-37.18	-6.05	95.16	43.49	-98.65	-42.15	37.88	3.56	-9.32	-6.31	-3.94	11.87	0.60	5.67	-7.74
MRBLD1TOR71_COS		-239.31	58.90	-28.36	16.56	-265.79	62.39	-0.09	-13.81	0.90	2.78	3.59	12.31	3.79	-1.70	5.12	-0.30
MRBLD1TOR71_SIN		0.00	-39.80	-7.53	69.90	22.04	-84.41	-40.78	39.00	6.88	-6.36	-4.12	-4.90	11.94	-0.19	3.26	-3.75
MRBLD1TOR130_COS		1.04	51.42	-4.55	25.32	-254.36	43.84	1.97	-14.23	2.22	0.38	1.96	-4.43	0.37	0.76	-5.01	0.69
MRBLD1TOR130_SIN		0.00	-30.42	-7.01	53.13	28.26	-68.02	-29.59	30.42	5.64	-3.63	2.89	4.40	4.39	1.10	1.39	5.71
MRBLD1TOR164_COS		-206.28	33.87	55.12	16.72	-137.07	12.66	-6.41	-6.70	3.81	8.28	3.97	0.05	1.57	4.17	7.12	2.77
MRBLD1TOR164_SIN		0.00	-5.93	1.41	3.01	37.81	-41.42	-6.78	15.46	-1.27	-3.20	3.48	1.24	-1.93	2.09	4.85	4.05
MRFBM1CB26P5_COS		-4459.42	-605.59	-30.77	63.03	-5.75	-6.25	-11.68	-5.35	3.39	-6.74	-4.94	-4.05	0.03	2.61	6.37	-0.11
MRFBM1CB26P5_SIN		0.00	-77.61	-6.40	-1.56	-61.50	-38.80	-31.90	-4.92	-7.00	0.21	3.79	0.62	-0.07	1.65	4.51	1.03
MRFBM1FB9_COS		326.94	-41.59	181.74	21.59	-32.50	-1.73	12.71	9.49	0.35	-1.02	-0.26	2.90	0.12	-1.10	-1.81	0.53
MRFBM1FB9_SIN		0.00	8.98	70.62	-108.13	-46.86	10.69	-2.86	6.09	2.37	0.89	-0.09	-0.61	0.50	-2.28	-4.16	1.20
MRFBM1TOR26P5_COS		-341.83	90.16	-0.48	0.13	-5.59	1.35	-0.82	0.13	0.09	0.10	-0.15	0.18	0.03	0.00	0.04	-0.12
MRFBM1TOR26P5_SIN		0.00	-88.25	-0.05	0.49	0.20	-1.36	-0.42	0.14	0.29	0.12	-0.11	-0.16	0.05	0.04	-0.05	-0.15

RUN	POINT	Harmonics															
58	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-932.87	-1297.57	-37.32	99.80	-1.30	-29.35	-61.51	-66.31	-2.33	21.77	-20.10	-43.53	-15.23	23.10	51.76	-18.59
MRPC1CB33P25_SIN		0.00	-3.01	-45.85	53.56	85.52	-125.17	-6.09	0.93	-38.50	-7.69	7.31	40.59	-12.07	8.75	35.08	-1.13
MRPC1FB33P25_COS		2154.18	85.02	-374.74	0.88	363.75	17.54	4.74	-182.77	-24.91	-49.85	17.51	-60.44	-1.78	58.98	131.53	-31.53
MRPC1FB33P25_SIN		0.00	126.28	-123.55	339.41	243.33	-110.35	25.40	-57.90	-28.47	-34.15	14.05	41.35	4.21	32.53	97.93	-10.30
MRPC1TOR25P5_COS		-796.08	-24.47	-10.24	-26.77	317.12	-84.37	0.92	13.71	-6.37	-2.21	-2.91	-19.64	-6.23	2.03	-6.89	1.71
MRPC1TOR25P5_SIN		0.00	72.42	-45.90	-87.31	-19.06	103.65	50.17	-43.85	-13.08	5.78	9.07	12.86	-15.01	-1.06	7.68	15.13
MRPLK1LOAD_COS		-75.25	7.14	1.19	-2.94	41.20	-10.94	0.44	2.42	-0.46	-0.14	0.30	-2.60	-0.65	-0.17	-2.42	1.11
MRPLK1LOAD_SIN		0.00	-15.59	-1.37	-12.74	-3.22	15.37	6.35	-5.39	-1.77	0.26	1.74	1.58	-1.73	-0.50	0.92	2.66
PITCHRH_COS		10515.70	-8256.78	-370.41	34.38	-210.97	1469.57	-3.64	68.34	52.28	-197.39	-638.85	79.79	40.88	26.17	63.78	651.43
PITCHRH_SIN		0.00	2281.70	-470.21	-3.70	22.82	-1938.06	106.67	165.32	76.02	-31.18	-286.49	-59.98	-82.44	-21.95	-73.85	262.29
ROLLRH_COS		1090.52	-2092.04	433.32	-78.25	-271.73	-46.18	-72.02	-122.77	211.33	128.84	120.55	-19.33	18.99	12.51	20.00	-378.99
ROLLRH_SIN		0.00	-7954.65	-500.63	-82.92	530.47	3314.38	-38.46	-31.31	-46.76	-138.50	51.09	72.72	-19.36	59.72	-189.99	911.55
TORQ_COS		35603.38	301.44	2.28	17.86	9.75	54.48	9.89	-6.71	-24.00	-1.69	33.28	2.45	-0.79	1.54	-3.24	-1.91
TORQ_SIN		0.00	647.92	-15.48	10.69	-23.82	154.00	15.68	8.18	30.81	-9.16	-25.23	4.53	-8.08	6.06	-6.50	2.94
THRUST_COS		5722.75	-41.44	11.07	5.06	3.09	-51.78	2.51	8.53	0.48	3.33	3.00	-18.69	-3.21	-1.70	3.50	23.29
THRUST_SIN		0.00	-79.08	6.71	4.03	18.46	98.62	0.77	2.11	-3.87	4.15	23.90	-5.92	-10.55	-1.52	10.45	2.97

RUN	POINT	Harmonics															
58	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.15	59.53	-12.15	5.74	-23.50	-245.15	10.01	1.37	-3.75	-6.44	-10.26	3.10	-0.68	-0.06	-0.41	9.73
SIDERH_SIN		0.00	179.51	11.83	-4.78	-109.18	-274.05	6.26	1.56	2.91	7.26	-3.58	-1.62	-0.31	-1.95	5.72	-25.71
DRAGRH_COS		-210.42	214.43	7.62	1.74	1.57	381.40	-10.13	-1.40	-6.14	9.07	23.96	-1.69	-2.66	-0.30	-1.98	-28.59
DRAGRH_SIN		0.00	-68.50	13.97	5.44	20.88	147.70	-3.28	-0.49	-0.17	8.80	27.15	-3.09	7.51	0.13	6.70	-4.42

RUN	POINT	Harmonics															
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-0.66	0.00	0.06	0.01	-0.02	-0.02	0.01	0.01	-0.08	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.33	0.00	0.03	-0.02	-0.02	0.01	0.01	-0.01	0.00	0.02	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.07	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.13	2.36	-0.24	-2.69	-15.20	-0.89	1.00	0.17	0.18	-0.80	0.04	0.06	-1.98	0.25	-0.48	-0.18
ACT1FORCE_SIN		0.00	11.88	1.01	4.22	1.11	-2.81	0.51	-0.38	-0.19	0.23	0.59	-0.08	-0.63	0.41	0.13	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.45	-19.12	-1.85	15.68	14.92	11.55	-0.05	0.19	-0.03	-0.02	-0.01	-0.02	0.18	-0.15	0.00	-0.03
FA1IBVOLTAGE_SIN		0.00	-68.62	-8.89	-28.56	276.86	16.18	0.03	0.12	0.42	0.00	0.00	0.10	-0.76	-0.03	-0.05	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		456.37	19.28	1.88	-15.75	-16.26	-11.66	0.04	-0.04	-0.13	0.07	0.02	0.01	-0.14	0.16	0.00	0.03
FA1OBVOLTAGE_SIN		0.00	68.78	8.96	28.90	-277.57	-16.52	-0.09	-0.22	0.53	0.13	0.00	-0.10	0.71	0.02	0.04	0.08
MRBLD1CB42P75_COS		-3792.35	-1487.93	12.33	328.29	-124.04	-41.56	-15.42	61.12	-40.91	74.72	46.31	-54.39	-0.83	17.30	45.17	-7.17
MRBLD1CB42P75_SIN		0.00	19.22	-14.22	-73.50	-101.98	109.11	-25.89	120.39	-12.23	-11.63	13.13	-17.76	11.42	25.88	69.80	5.13

RUN	POINT	Harmonics															
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2846.51	-807.19	245.56	282.68	-64.18	5.62	-164.79	42.42	-31.24	64.98	29.10	-26.78	-6.19	19.18	21.79	9.41
MRBLD1CB70_SIN		0.00	23.38	-60.80	-5.38	-143.46	70.11	-8.29	107.86	18.32	-23.82	-35.64	-4.96	9.58	8.52	50.40	1.68
MRBLD1CB120_COS		-491.32	-274.15	347.63	225.37	-126.02	80.46	-263.72	23.70	10.50	-14.66	-27.97	15.49	-2.44	1.17	-6.86	-0.02
MRBLD1CB120_SIN		0.00	123.31	-152.89	-67.48	-75.18	6.50	-44.47	45.79	6.54	-25.31	-13.86	6.25	-0.64	-5.67	4.58	0.43
MRBLD1CB164_COS		-1961.01	-92.39	118.94	47.19	-153.22	48.98	-118.46	-12.61	19.05	-30.43	-26.17	15.59	1.51	-2.79	-2.63	-7.72
MRBLD1CB164_SIN		0.00	82.89	-64.46	-18.80	16.18	-32.34	-34.66	-21.00	-8.02	-8.30	18.38	1.12	0.01	1.42	-36.00	-7.54
MRBLD1FB42P75_COS		3054.46	127.84	-329.55	468.81	-817.91	4.57	-87.30	147.51	-100.38	-8.68	68.41	-78.42	26.83	77.43	192.08	-1.72
MRBLD1FB42P75_SIN		0.00	-5.93	-5.49	-284.25	526.39	203.41	-21.36	55.31	-49.90	-36.04	73.26	24.87	1.92	13.08	4.08	19.41
MRBLD1FB70_COS		413.15	-76.97	-163.55	137.94	-268.19	5.69	-16.71	40.04	-5.36	5.25	3.46	1.82	-2.42	-9.86	-39.75	-1.53
MRBLD1FB70_SIN		0.00	-149.44	15.37	-83.61	129.58	43.63	-12.08	18.70	1.36	-2.13	1.41	2.54	2.19	0.57	-2.71	-6.98
MRBLD1FB87_COS		-80.62	-41.07	-130.00	48.57	-140.94	-12.37	-2.45	-12.25	19.97	5.09	-13.41	21.12	-5.92	-16.48	-40.69	0.48
MRBLD1FB87_SIN		0.00	-154.78	41.48	-1.70	73.21	2.76	-7.76	-8.16	0.26	1.23	-19.65	-7.60	-1.33	-2.14	3.40	1.10
MRBLD1FB120_COS		-477.67	-21.31	-196.64	34.82	7.33	-17.61	21.19	-50.05	3.91	-10.97	-0.58	-9.44	6.15	20.19	58.88	-1.07
MRBLD1FB120_SIN		0.00	-225.95	81.61	65.33	52.15	-49.47	5.97	-29.17	0.74	10.24	8.69	0.69	-0.76	-1.71	-7.21	-2.50
MRBLD1FB164_COS		-130.08	14.90	-291.17	74.37	541.63	65.68	-8.41	66.95	-11.76	11.26	-2.08	11.51	-3.34	-9.23	-33.83	2.38
MRBLD1FB164_SIN		0.00	-283.53	101.41	11.86	-272.80	-60.70	-6.80	24.87	1.60	-9.75	-18.79	-2.53	1.62	-3.83	2.85	6.87

RUN	POINT	Harmonics															
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-178.27	-2.26	-172.05	29.18	379.85	59.54	-47.91	57.49	14.98	12.20	-28.11	38.44	-2.89	19.97	77.17	-4.37
MRBLD1FB180_SIN		0.00	-197.05	63.84	-7.69	-237.10	-35.84	0.48	24.34	-11.99	-5.66	-31.70	-11.05	2.18	-3.04	-13.51	-11.10
MRBLD1TOR51_COS		-1382.92	41.32	-14.12	52.52	158.30	-30.43	59.73	41.27	-1.71	8.26	4.15	4.71	-10.91	5.21	13.24	2.35
MRBLD1TOR51_SIN		0.00	-46.48	12.90	-58.07	-155.30	121.61	9.33	20.09	-12.01	-8.23	-10.07	2.40	-3.02	-0.07	13.21	-2.22
MRBLD1TOR71_COS		-240.79	51.55	-22.01	22.81	177.40	-24.04	61.82	33.18	1.01	5.42	3.96	8.74	-8.36	3.66	7.45	2.10
MRBLD1TOR71_SIN		0.00	-48.32	6.20	-53.08	-154.60	103.68	16.59	13.98	-6.61	-4.30	-11.34	4.91	-1.73	-1.55	7.63	-0.53
MRBLD1TOR130_COS		-2.86	49.50	-4.05	-1.78	204.63	-10.87	45.90	28.74	-3.43	7.73	5.81	-2.00	0.51	0.66	-4.47	-2.64
MRBLD1TOR130_SIN		0.00	-39.69	2.75	-43.51	-160.49	85.38	17.38	14.28	-5.52	-2.56	2.82	1.44	5.65	2.89	-1.27	1.47
MRBLD1TOR164_COS		-205.62	31.52	41.26	-20.24	54.19	-14.03	16.61	15.30	4.26	3.81	3.36	3.76	6.92	3.15	5.17	-1.86
MRBLD1TOR164_SIN		0.00	-8.46	-9.97	-30.31	-101.57	59.28	9.96	2.17	-2.13	0.29	-4.00	0.61	4.59	4.22	6.61	0.67
MRFBM1CB26P5_COS		-4475.92	-659.26	-24.50	78.44	27.19	-14.78	37.85	6.54	-6.53	-0.93	0.90	-5.25	2.20	0.11	7.67	-4.29
MRFBM1CB26P5_SIN		0.00	-55.68	14.46	-44.51	2.07	16.13	-9.99	4.65	-12.72	2.33	17.61	-2.98	0.96	4.89	9.89	1.36
MRFBM1FB9_COS		344.36	-19.12	124.33	-134.25	112.27	9.55	-1.24	-4.25	0.95	-2.53	-0.02	1.70	0.03	0.10	-0.16	0.25
MRFBM1FB9_SIN		0.00	-11.06	8.48	18.13	-19.03	-16.06	16.53	-9.73	3.90	0.56	-2.50	2.47	-1.09	-2.64	-5.42	0.03
MRFBM1TOR26P5_COS		-342.03	90.43	-0.67	0.35	3.68	0.41	0.99	0.12	0.21	-0.09	-0.23	0.01	-0.16	-0.02	-0.01	0.09
MRFBM1TOR26P5_SIN		0.00	-88.94	0.08	-0.47	-3.39	1.46	-0.02	0.19	0.16	0.08	-0.12	0.00	-0.10	-0.01	-0.12	-0.05

RUN	POINT	Harmonics															
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-949.65	-1373.85	-57.05	296.67	-149.91	-30.85	14.08	58.61	-35.02	42.72	31.01	-46.46	6.34	16.63	47.86	-9.80
MRPC1CB33P25_SIN		0.00	47.99	8.02	-118.63	-16.24	99.39	-41.05	77.81	-26.34	-13.24	33.05	-14.27	8.84	26.43	66.07	6.90
MRPC1FB33P25_COS		2174.62	80.49	-269.22	437.72	-797.55	-51.86	-73.67	96.58	-57.56	12.60	10.28	-69.62	17.97	39.68	110.64	-21.81
MRPC1FB33P25_SIN		0.00	126.85	-59.97	-138.19	247.46	157.32	-45.15	98.50	-82.42	-35.04	88.56	-32.22	21.52	65.74	169.50	10.61
MRPC1TOR25P5_COS		-791.54	-17.78	-14.58	-40.63	-212.31	29.07	-75.75	-42.27	-4.87	-5.64	3.24	-10.08	14.65	-1.17	-9.09	-11.52
MRPC1TOR25P5_SIN		0.00	86.75	-68.03	76.39	161.98	-125.30	-8.29	-20.45	8.39	3.32	13.47	-2.92	6.78	3.71	7.02	7.56
MRPLK1LOAD_COS		-74.51	7.33	0.49	-4.96	-26.15	3.02	-9.44	-6.24	-0.35	-0.60	1.52	-1.15	2.33	-0.19	-2.46	-1.63
MRPLK1LOAD_SIN		0.00	-13.69	-4.13	9.45	21.46	-17.59	-1.12	-2.52	1.06	0.31	1.54	-0.15	1.01	0.43	0.39	1.17
PITCHRH_COS		9972.76	-8237.31	-420.57	23.95	-24.35	-1231.13	255.15	-0.49	-0.12	-47.23	-488.80	-110.99	35.17	57.11	86.09	550.47
PITCHRH_SIN		0.00	2157.20	-426.94	60.53	95.64	3285.38	123.98	49.09	139.63	228.12	-137.25	-151.57	-20.89	-31.35	14.56	351.59
ROLLRH_COS		1554.85	-1986.40	482.73	-3.91	-182.99	-3679.52	18.28	98.24	40.59	-111.27	130.81	98.67	-90.91	227.51	77.20	-818.28
ROLLRH_SIN		0.00	-8020.29	-513.69	-22.00	-140.26	-3218.23	32.50	-203.03	-98.67	-93.81	55.11	-44.93	8.93	-98.29	4.92	538.37
TORQ_COS		35266.95	281.44	4.79	-12.28	-110.34	157.39	-14.12	-25.25	21.67	-0.46	-15.39	8.26	-1.38	1.01	-5.25	-0.29
TORQ_SIN		0.00	624.43	-19.16	36.78	130.87	-123.72	-3.66	-3.73	32.11	-8.25	-63.46	4.14	-4.55	2.07	-2.64	-15.32
THRUST_COS		5767.20	-50.68	3.92	3.64	27.28	5.49	2.29	-22.34	-1.50	2.01	32.21	0.58	-1.76	-4.37	-4.11	3.66
THRUST_SIN		0.00	-77.12	8.37	10.52	4.97	-159.92	4.58	3.96	-2.09	-5.54	-34.49	13.09	2.37	-6.26	12.95	-16.15

RUN	POINT	Harmonics															
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.94	61.75	-12.27	-3.85	-35.90	452.95	-2.32	-5.43	2.06	4.64	-4.68	-3.14	1.46	-6.56	-2.27	22.43
SIDERH_SIN		0.00	187.65	10.67	-0.47	-11.36	-31.57	5.32	5.55	-1.31	6.46	2.31	0.10	1.00	2.11	-0.19	-16.81
DRAGRH_COS		-216.28	214.16	12.10	-5.18	-21.79	-357.14	-32.98	4.25	4.26	5.30	40.60	1.36	1.49	-3.20	-5.34	-29.28
DRAGRH_SIN		0.00	-66.16	12.27	-0.03	28.23	176.58	-24.94	4.91	8.91	-12.92	27.10	6.98	3.11	-0.02	1.29	-9.67

RUN	POINT	Harmonics															
58	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-1.24	0.00	0.03	0.02	0.00	-0.03	0.01	0.02	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.81	0.00	0.04	-0.03	-0.03	-0.02	0.01	0.01	-0.09	0.01	0.01	0.02
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-22.28	2.13	0.43	-3.90	-13.52	0.73	0.48	0.43	0.29	-0.64	-0.08	0.29	0.99	-0.13	-0.50	-0.19
ACT1FORCE_SIN		0.00	11.82	1.09	4.14	-5.85	-2.76	0.58	-0.62	0.13	-0.38	0.48	0.09	-2.17	0.37	-0.12	0.33
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		347.48	-18.96	-5.29	24.25	-128.66	0.94	0.00	0.09	-0.35	-0.02	-0.03	-0.14	0.79	0.02	0.01	-0.08
FA1IBVOLTAGE_SIN		0.00	-67.54	-9.75	-27.84	239.45	17.50	0.03	0.21	0.13	-0.04	0.03	0.05	0.29	-0.01	-0.05	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.10	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		458.34	19.08	5.32	-24.45	128.29	-0.82	0.00	0.10	-0.53	-0.06	0.04	0.14	-0.73	-0.02	-0.01	0.07
FA1OBVOLTAGE_SIN		0.00	67.70	9.80	28.08	-240.51	-17.82	-0.11	-0.21	0.15	0.13	-0.01	-0.05	-0.26	0.02	0.04	0.08
MRBLD1CB42P75_COS		-3781.29	-1462.11	-32.00	344.72	-54.06	-122.35	4.25	-60.11	-5.34	87.62	68.68	-33.06	-22.11	5.83	38.93	-1.62
MRBLD1CB42P75_SIN		0.00	55.56	-47.99	53.90	-143.55	105.48	0.44	156.91	-103.85	8.97	25.83	42.51	35.66	29.49	69.33	3.43

RUN	POINT	Harmonics															
58	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2849.03	-794.78	217.50	264.52	66.74	-46.76	-106.84	-55.94	-15.92	79.10	63.78	-11.80	-15.20	13.29	15.55	4.23
MRBLD1CB70_SIN		0.00	64.65	-96.24	122.76	-141.42	72.28	-50.54	132.19	-66.43	-4.60	-47.83	31.02	20.60	19.48	48.28	4.86
MRBLD1CB120_COS		-494.05	-274.66	340.28	212.31	-10.95	74.75	-167.22	-18.61	16.42	-13.05	-32.36	8.71	5.71	6.22	-9.03	-3.40
MRBLD1CB120_SIN		0.00	147.20	-178.63	39.29	-111.06	27.58	-137.50	62.86	35.95	-18.21	-28.96	-32.08	-14.09	-4.95	0.26	2.18
MRBLD1CB164_COS		-1966.49	-92.04	125.71	42.64	-113.66	69.88	-67.88	8.23	13.42	-37.72	-45.66	7.33	12.04	0.11	4.69	-1.75
MRBLD1CB164_SIN		0.00	86.05	-66.90	24.07	-36.59	-15.02	-84.33	-29.49	49.58	-9.28	21.41	-25.99	-11.96	-3.83	-36.65	-10.20
MRBLD1FB42P75_COS		3048.38	117.74	-360.20	638.01	-944.54	-65.44	-64.71	16.92	-33.37	21.45	77.66	-38.04	30.13	61.53	180.97	5.48
MRBLD1FB42P75_SIN		0.00	-20.60	14.10	-67.58	96.26	238.39	-13.21	231.64	-100.50	-16.51	102.33	28.13	46.04	13.77	14.56	14.84
MRBLD1FB70_COS		414.73	-72.78	-174.04	185.11	-296.01	-14.72	-6.10	13.76	0.08	8.27	4.06	1.69	-2.25	-8.08	-36.76	-1.59
MRBLD1FB70_SIN		0.00	-157.61	24.34	-6.96	-6.09	54.41	-8.49	54.65	-8.38	-0.24	1.75	3.08	-1.11	0.14	-6.09	-5.77
MRBLD1FB87_COS		-80.22	-36.18	-134.17	66.71	-155.70	-11.99	2.01	0.48	11.46	-1.47	-16.82	9.43	-6.53	-13.40	-39.90	-2.64
MRBLD1FB87_SIN		0.00	-163.01	53.74	40.83	9.91	3.09	-8.82	-22.75	8.76	-2.06	-24.48	-9.56	-12.60	-2.59	0.09	0.70
MRBLD1FB120_COS		-477.26	-13.35	-204.49	48.21	-6.05	8.37	9.79	-16.24	-5.03	-13.93	1.30	-3.12	7.24	17.59	57.96	3.49
MRBLD1FB120_SIN		0.00	-227.29	92.96	103.19	58.25	-56.72	3.32	-79.10	14.00	7.80	8.75	3.56	9.10	-1.24	-1.31	-1.83
MRBLD1FB164_COS		-125.94	22.85	-326.46	124.31	624.19	82.65	-3.66	17.84	-2.30	13.76	-7.10	0.54	-4.23	-6.73	-33.27	-2.67
MRBLD1FB164_SIN		0.00	-278.23	105.76	36.92	-18.72	-61.08	-5.68	95.23	-13.16	-8.46	-16.95	-4.83	-7.78	-2.59	0.28	6.07

RUN	POINT	Harmonics															
58	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-175.44	-0.70	-199.77	59.90	454.04	60.34	-38.71	17.32	22.18	8.18	-32.71	19.94	2.40	20.82	72.99	1.64
MRBLD1FB180_SIN		0.00	-187.24	65.42	-4.55	-61.91	-24.03	-5.83	89.94	-12.88	-7.16	-41.27	-14.38	-16.37	-5.82	-6.20	-9.46
MRBLD1TOR51_COS		-1385.48	42.31	-25.81	91.03	214.59	-96.06	51.47	16.85	8.84	6.85	4.05	3.52	4.00	6.83	12.55	4.70
MRBLD1TOR51_SIN		0.00	-47.97	8.27	-38.39	-34.74	100.95	33.21	55.01	-18.39	-6.42	-8.98	-0.85	-15.57	1.24	12.91	2.87
MRBLD1TOR71_COS		-241.76	52.04	-30.27	55.36	228.68	-80.43	50.33	19.83	7.47	2.88	3.41	5.71	4.67	5.05	6.36	2.69
MRBLD1TOR71_SIN		0.00	-50.99	3.67	-46.42	-30.17	84.49	37.63	42.53	-9.58	-4.29	-9.54	-0.60	-13.29	0.22	7.46	2.56
MRBLD1TOR130_COS		-3.29	50.08	-10.35	25.85	258.70	-57.42	36.20	14.76	5.80	5.52	3.96	-2.41	-2.43	-0.22	-5.30	-4.00
MRBLD1TOR130_SIN		0.00	-40.76	-0.22	-50.07	-27.93	72.83	32.40	39.22	-9.62	0.36	7.70	1.75	5.84	3.05	-2.38	-1.75
MRBLD1TOR164_COS		-205.83	31.39	43.34	-8.81	94.78	-46.15	12.65	12.87	4.35	0.48	2.85	1.47	-2.29	2.12	2.54	-3.79
MRBLD1TOR164_SIN		0.00	-8.58	-12.71	-44.28	-51.94	53.63	15.95	13.68	-1.84	-0.02	-1.07	1.12	9.42	4.29	7.53	-2.34
MRFBM1CB26P5_COS		-4468.17	-646.09	-43.67	91.49	5.33	-29.87	31.00	-2.15	1.81	-1.69	-4.83	-4.03	-0.03	-0.55	6.36	-2.34
MRFBM1CB26P5_SIN		0.00	-39.79	4.21	-31.33	6.34	14.28	8.39	9.76	-14.14	3.06	23.67	-0.89	2.73	2.40	9.52	0.89
MRFBM1FB9_COS		337.54	-31.02	154.30	-154.44	103.70	16.45	-6.68	8.85	-3.22	-2.64	-0.20	1.65	1.70	0.34	0.01	-0.08
MRFBM1FB9_SIN		0.00	-15.61	8.31	-49.97	29.87	-15.71	9.66	-11.54	4.69	-1.17	-3.10	0.21	-1.73	-2.22	-5.14	-0.31
MRFBM1TOR26P5_COS		-342.11	90.65	-0.68	0.56	4.79	-0.46	0.98	-0.07	0.14	-0.04	-0.11	0.05	0.02	0.02	0.10	0.15
MRFBM1TOR26P5_SIN		0.00	-88.68	-0.03	-0.36	-0.76	1.26	0.47	0.29	0.15	0.00	-0.38	0.10	-0.26	-0.04	-0.11	0.07

RUN	POINT	Harmonics															
58	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-931.14	-1349.09	-99.01	335.03	-134.89	-99.39	28.94	-34.89	-2.81	52.32	37.81	-27.40	-11.45	7.03	40.65	-4.61
MRPC1CB33P25_SIN		0.00	74.98	-14.43	-20.19	-83.35	104.33	-8.46	117.95	-80.58	3.11	50.17	21.13	29.31	25.22	65.71	4.55
MRPC1FB33P25_COS		2170.61	71.09	-297.90	533.58	-802.59	-115.77	-57.87	-74.80	17.31	26.34	2.80	-43.55	-13.30	27.99	91.37	-14.21
MRPC1FB33P25_SIN		0.00	114.53	-47.80	69.28	-136.80	167.79	-37.13	185.37	-93.95	-4.86	114.00	-3.16	54.33	55.61	167.15	13.51
MRPC1TOR25P5_COS		-790.25	-21.00	-0.46	-85.86	-264.00	96.76	-65.93	-23.99	-11.81	-2.35	3.63	-6.55	-8.75	-6.14	-13.31	-16.69
MRPC1TOR25P5_SIN		0.00	86.98	-61.87	65.12	13.94	-100.00	-35.49	-55.13	10.45	4.19	16.69	4.95	26.08	3.60	6.10	-2.69
MRPLK1LOAD_COS		-74.42	7.15	1.91	-10.90	-33.16	12.79	-8.27	-2.96	-1.26	-0.54	1.16	-1.05	-1.08	-0.95	-3.38	-2.66
MRPLK1LOAD_SIN		0.00	-13.27	-3.55	7.67	2.77	-14.54	-4.60	-7.66	1.80	0.29	3.01	0.11	3.92	0.64	0.20	-0.53
PITCHRH_COS		10180.76	-8205.08	-450.96	1.27	-19.00	-2878.43	206.66	-1.79	-42.98	-188.61	-366.63	-50.49	18.42	88.01	45.77	660.46
PITCHRH_SIN		0.00	2119.48	-423.46	64.97	137.22	2508.00	142.66	58.80	66.83	82.63	-172.82	-179.95	7.65	41.40	85.30	474.88
ROLLRH_COS		1636.56	-1940.96	474.08	0.31	1.49	-1516.64	17.84	197.41	106.78	49.98	126.70	62.98	-75.21	176.16	-87.68	-632.20
ROLLRH_SIN		0.00	-8035.24	-505.24	20.18	-102.94	-4457.30	60.60	-110.44	-64.70	-133.14	127.41	1.82	-116.23	112.96	64.55	612.91
TORQ_COS		35380.45	290.24	6.91	-20.14	-107.73	262.42	-15.44	-12.48	-3.65	0.78	2.21	8.38	-3.17	1.80	-6.26	-11.34
TORQ_SIN		0.00	615.59	-22.47	27.53	100.39	-76.90	-7.93	-22.25	49.18	-4.86	-92.48	1.86	-5.29	3.91	-2.19	2.20
THRUST_COS		5749.80	-51.00	3.20	2.42	22.43	70.58	2.88	-16.95	-1.42	1.88	14.10	-10.74	3.36	-1.07	-9.70	0.33
THRUST_SIN		0.00	-80.63	7.06	8.88	8.42	-156.22	5.51	-12.21	-3.04	-4.00	-21.28	-1.65	0.79	-5.79	1.68	-16.56

RUN	POINT	Harmonics															
58	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.03	54.46	-11.94	-6.89	-53.92	363.83	-1.18	-7.21	2.94	-5.18	-7.76	-1.43	0.76	-4.39	2.31	17.03
SIDERH_SIN		0.00	195.23	11.30	-1.47	-8.84	184.02	1.22	1.39	1.83	7.14	-0.34	1.05	3.50	-3.61	-2.25	-18.16
DRAGRH_COS		-215.04	215.01	11.79	-4.46	-21.41	-379.90	-30.09	-1.91	-5.86	11.02	18.78	2.15	0.63	-3.76	-4.09	-35.07
DRAGRH_SIN		0.00	-65.38	13.38	-2.18	21.05	-64.75	-25.61	5.36	12.62	-3.72	24.56	2.49	1.08	-3.22	-4.75	-18.82

RUN	POINT	Harmonics															
58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.02	0.00	0.00	0.00	0.67	0.00	-0.01	0.01	-0.03	0.00	-0.01	0.00	0.09	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.33	0.00	-0.03	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.34	1.61	0.13	-4.66	10.36	0.80	0.20	0.26	-0.29	-0.36	-0.18	-0.01	2.22	-0.21	-0.25	-0.04
ACT1FORCE_SIN		0.00	11.40	2.19	-0.08	-0.37	2.34	-0.48	-0.06	0.07	0.21	-0.02	0.35	0.50	0.06	0.20	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		333.49	-17.94	-1.70	30.39	19.31	-6.90	0.03	-0.18	-0.27	0.03	-0.05	-0.17	-0.35	-0.01	-0.05	0.04
FA1IBVOLTAGE_SIN		0.00	-65.24	-12.46	-0.30	-280.19	-10.76	0.13	0.07	0.46	0.12	0.03	-0.08	0.75	-0.03	-0.10	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.03	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		472.31	18.08	1.79	-30.33	-18.00	6.96	-0.03	-0.03	-0.14	-0.02	0.05	0.16	0.30	-0.01	0.05	-0.03
FA1OBVOLTAGE_SIN		0.00	65.33	12.51	0.28	281.13	11.09	-0.03	-0.09	0.46	-0.01	-0.03	0.06	-0.72	0.02	0.08	0.02
MRBLD1CB42P75_COS		-3803.12	-1523.15	99.88	65.30	22.56	-110.08	-72.22	-113.73	6.24	47.02	-3.79	-63.71	-53.02	16.40	57.00	-12.00
MRBLD1CB42P75_SIN		0.00	-123.12	-103.84	177.64	200.98	-128.42	48.08	47.30	14.26	-7.94	37.86	63.42	30.02	5.58	17.28	15.99

RUN	POINT	Harmonics															
58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2854.67	-848.72	394.88	-20.32	63.86	-67.32	-7.99	-78.15	-8.95	49.53	26.20	-30.15	-28.33	16.56	33.83	-9.89
MRBLD1CB70_SIN		0.00	-57.54	-108.05	147.64	443.44	-53.68	98.81	72.85	30.27	-16.45	12.05	48.37	20.71	6.91	13.74	10.51
MRBLD1CB120_COS		-510.00	-291.93	493.22	-20.57	121.38	14.85	114.99	-40.43	-12.55	-35.06	14.82	33.26	30.40	-3.50	-4.07	-0.79
MRBLD1CB120_SIN		0.00	50.87	-132.30	83.85	408.05	20.17	133.55	72.05	8.01	9.67	-22.18	-19.42	-11.03	1.67	2.89	-2.23
MRBLD1CB164_COS		-1960.58	-89.91	154.91	-59.30	59.39	6.15	72.31	25.18	-10.03	-51.62	-5.71	28.55	30.42	-0.55	-12.59	5.75
MRBLD1CB164_SIN		0.00	57.70	-39.67	43.40	144.95	65.72	63.60	12.55	-8.16	12.96	-10.63	-23.75	1.21	-0.38	-16.64	-9.64
MRBLD1FB42P75_COS		3002.41	173.53	-445.13	264.21	326.44	-51.77	32.69	-282.45	-18.39	-44.18	1.25	8.38	8.52	47.50	119.54	14.81
MRBLD1FB42P75_SIN		0.00	6.00	-51.40	561.29	-304.21	-106.17	25.47	171.12	-33.61	59.71	55.26	82.36	45.57	-20.87	-86.63	40.37
MRBLD1FB70_COS		401.05	-57.36	-222.49	41.55	90.15	-23.17	7.61	-38.80	7.61	4.59	2.72	-2.14	-2.80	-6.49	-25.55	-4.93
MRBLD1FB70_SIN		0.00	-158.23	-9.12	182.20	-83.84	-33.74	16.28	36.62	1.19	3.82	4.00	1.88	-1.85	3.17	14.45	-9.90
MRBLD1FB87_COS		-79.93	-29.23	-190.94	-11.52	24.51	-14.74	-7.94	22.48	6.02	10.79	1.32	1.65	1.68	-10.23	-24.20	-1.46
MRBLD1FB87_SIN		0.00	-153.26	25.42	125.19	-30.11	7.29	4.47	-15.89	-3.39	-17.34	-16.49	-22.47	-11.85	4.98	19.51	-4.23
MRBLD1FB120_COS		-451.76	-22.44	-279.34	-32.09	-12.11	16.23	-8.03	55.84	-13.06	-6.44	-0.70	1.70	0.87	13.68	38.07	2.36
MRBLD1FB120_SIN		0.00	-179.00	29.82	154.12	1.23	58.84	-9.31	-53.67	3.66	3.70	4.34	6.76	6.66	-9.70	-30.19	4.75
MRBLD1FB164_COS		-101.95	3.84	-390.56	110.26	-138.02	39.01	40.32	-88.99	10.07	12.54	-4.81	-3.78	5.74	-4.96	-20.45	-0.84
MRBLD1FB164_SIN		0.00	-214.35	3.92	206.83	263.90	-47.16	-35.10	55.36	-2.31	1.80	-10.09	-19.85	-10.18	2.22	13.73	-0.35

RUN	POINT	Harmonics															
58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-156.07	-11.30	-232.14	80.67	-66.28	4.10	14.40	-83.53	15.07	22.94	6.34	4.97	18.83	19.62	47.36	0.06
MRBLD1FB180_SIN		0.00	-137.72	-5.15	97.92	210.07	-54.79	-15.93	61.33	-7.77	-34.95	-39.18	-44.17	-15.57	-8.11	-36.02	4.40
MRBLD1TOR51_COS		-1373.93	47.68	-15.54	56.74	-225.37	-0.44	-19.73	-21.93	3.96	1.27	7.24	7.15	15.19	3.67	14.11	-3.45
MRBLD1TOR51_SIN		0.00	-39.02	-10.21	113.52	155.98	-128.90	-15.67	66.90	11.39	-9.45	-10.71	-7.93	0.42	2.73	-0.16	-1.72
MRBLD1TOR71_COS		-234.83	58.50	-26.46	47.96	-218.66	3.93	-16.13	-6.52	2.66	0.76	7.61	9.20	15.39	1.18	6.13	-1.07
MRBLD1TOR71_SIN		0.00	-41.42	-9.47	77.12	139.81	-112.67	-17.01	61.91	12.82	-7.42	-10.61	-9.32	0.12	2.74	2.54	-0.93
MRBLD1TOR130_COS		6.46	50.27	-2.74	50.93	-204.58	-5.01	-11.32	-9.83	4.59	-4.57	0.33	-5.11	-1.25	-0.07	-5.00	-0.26
MRBLD1TOR130_SIN		0.00	-31.70	-8.96	48.79	156.29	-88.83	-12.66	49.36	10.71	0.44	-0.13	3.67	4.77	1.98	5.98	2.82
MRBLD1TOR164_COS		-200.40	32.24	54.15	26.80	-100.80	-19.03	-15.00	-1.80	5.82	4.28	4.38	-0.69	-4.80	3.78	5.58	1.52
MRBLD1TOR164_SIN		0.00	-7.55	-1.48	-6.93	85.94	-49.33	-0.02	23.13	0.82	-4.37	-0.44	0.64	1.13	1.18	6.62	3.69
MRFBM1CB26P5_COS		-4470.73	-675.96	-12.11	70.40	-30.99	-21.18	-16.96	-11.63	0.78	-5.58	-9.66	-3.34	-1.62	1.22	8.17	-0.96
MRFBM1CB26P5_SIN		0.00	-130.68	-13.81	13.76	-53.78	-37.75	-11.44	-6.26	-8.51	3.46	4.96	1.53	1.20	1.02	3.31	2.98
MRFBM1FB9_COS		301.18	20.04	160.82	-5.82	-39.56	2.33	7.05	17.19	-0.32	0.17	0.78	3.03	2.15	-1.09	-2.95	1.10
MRFBM1FB9_SIN		0.00	5.95	65.32	-165.42	5.95	9.73	-8.44	3.16	0.64	0.16	-1.50	-1.07	-0.62	-1.60	-3.05	-0.63
MRFBM1TOR26P5_COS		-343.38	90.55	-0.49	0.32	-4.30	0.25	-0.56	0.10	0.06	0.33	-0.05	0.13	0.12	0.02	0.05	-0.02
MRFBM1TOR26P5_SIN		0.00	-86.61	-0.10	0.45	2.63	-1.58	0.14	0.25	0.24	-0.08	0.05	-0.12	-0.05	0.00	-0.26	-0.10

RUN	POINT	Harmonics															
58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-842.58	-1399.87	-1.96	129.71	20.19	-91.02	-44.83	-107.29	8.33	9.84	-12.01	-41.88	-31.86	15.61	57.22	-12.29
MRPC1CB33P25_SIN		0.00	-80.98	-75.75	149.57	27.08	-113.98	29.73	23.44	-8.53	-0.24	32.44	47.42	23.26	5.73	16.57	17.12
MRPC1FB33P25_COS		2120.94	119.34	-353.59	116.10	346.12	-17.94	22.35	-283.09	-1.40	-63.73	-27.15	-46.02	-29.02	43.69	142.39	-29.65
MRPC1FB33P25_SIN		0.00	132.98	-109.01	507.28	-169.55	-92.00	27.34	18.91	-34.72	19.51	37.92	65.01	38.56	23.64	53.85	38.64
MRPC1TOR25P5_COS		-805.62	-19.43	-12.69	-68.70	268.42	-13.90	14.59	9.78	-8.84	-7.40	-7.29	-15.12	-24.71	-3.95	-8.71	-2.49
MRPC1TOR25P5_SIN		0.00	74.99	-36.18	-99.74	-157.29	139.32	20.05	-74.20	-14.90	8.67	13.74	17.55	4.77	-3.59	17.28	11.25
MRPLK1LOAD_COS		-78.19	7.13	1.00	-8.65	34.58	-0.83	2.01	1.99	-0.81	-1.23	-0.57	-1.89	-3.17	-0.82	-2.81	0.12
MRPLK1LOAD_SIN		0.00	-15.58	-0.43	-14.44	-20.58	19.67	2.37	-9.55	-2.26	0.93	1.42	1.68	0.84	-0.46	3.43	1.73
PITCHRH_COS		9056.24	-8231.84	-401.60	3.84	-164.20	-241.61	-57.75	135.88	30.24	-151.64	-389.70	-82.17	-4.56	39.32	-82.23	588.04
PITCHRH_SIN		0.00	2167.14	-490.87	-27.52	46.15	-3108.68	139.31	13.76	6.91	147.07	164.12	-123.02	-42.90	-1.02	49.95	115.93
ROLLRH_COS		1019.63	-1946.50	476.40	-94.08	8.81	2507.90	-99.79	-191.85	164.70	-121.03	284.74	47.40	19.20	71.30	-141.99	-61.09
ROLLRH_SIN		0.00	-7973.48	-494.05	-51.10	480.89	2084.81	-122.01	109.00	-110.57	-87.14	-40.27	-16.13	52.70	-1.85	48.84	868.18
TORQ_COS		35510.88	318.38	2.09	5.44	5.89	157.24	17.75	-1.57	0.58	-2.21	38.24	4.57	-1.82	1.81	-5.15	-3.44
TORQ_SIN		0.00	613.14	-22.42	-3.39	-90.16	202.44	4.69	23.42	19.21	-9.38	-28.52	6.14	-8.04	5.26	-5.26	-4.77
THRUST_COS		5650.42	-51.41	11.28	0.26	1.60	16.43	1.56	10.49	0.13	4.69	10.90	1.96	-7.37	-3.57	-6.23	17.81
THRUST_SIN		0.00	-85.50	5.81	2.69	25.91	100.08	0.06	-1.16	1.43	-1.80	-22.23	7.71	1.46	-2.84	5.73	-36.69

RUN	POINT	Harmonics															
58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.69	52.23	-13.18	2.62	-52.65	-319.00	6.38	5.42	-2.33	5.16	-13.60	-2.16	-1.11	-1.83	3.99	1.08
SIDERH_SIN		0.00	188.16	11.58	-10.91	-97.31	-40.62	4.98	-0.58	1.60	4.46	2.12	0.51	-1.93	-0.31	-1.98	-23.95
DRAGRH_COS		-210.02	214.17	9.05	4.51	-0.60	381.93	8.21	-2.68	4.60	11.89	35.76	2.98	1.65	-1.90	5.52	-24.49
DRAGRH_SIN		0.00	-66.31	15.54	3.41	10.49	-77.03	-4.49	-3.69	4.85	-7.80	15.28	5.73	1.63	-1.12	-1.81	-4.54

RUN	POINT	Harmonics															
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.01	0.00	-0.01	0.00	1.24	0.00	0.02	0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.82	0.00	-0.05	0.01	-0.01	0.01	0.00	0.01	0.09	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-25.89	1.75	0.00	-3.43	8.44	-1.00	0.50	0.28	-0.35	-0.65	-0.07	-0.18	-0.47	-0.04	-0.39	-0.14
ACT1FORCE_SIN		0.00	11.09	2.05	-0.01	6.67	2.20	-0.93	-0.09	0.27	-0.01	-0.20	0.07	2.27	0.05	0.35	0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.10	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		339.33	-18.02	-3.51	21.69	160.08	2.30	-0.02	-0.20	-0.61	-0.11	-0.02	-0.04	-0.85	0.00	-0.07	-0.02
FA1IBVOLTAGE_SIN		0.00	-63.91	-10.92	-0.41	-246.42	-10.90	0.15	-0.04	0.00	0.02	0.01	-0.10	-0.33	-0.07	-0.14	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.10	0.01	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		466.48	18.16	3.60	-21.52	-159.79	-2.47	-0.05	0.05	-0.50	0.01	0.02	0.04	0.81	0.03	0.08	0.04
FA1OBVOLTAGE_SIN		0.00	64.01	10.99	0.42	247.69	11.24	-0.06	-0.07	0.14	0.01	-0.01	0.09	0.29	0.05	0.13	0.06
MRBLD1CB42P75_COS		-3826.61	-1306.13	111.15	60.09	-58.42	-52.32	-84.57	-74.58	-7.70	66.84	-49.24	-59.31	-27.60	25.35	59.23	-16.98
MRBLD1CB42P75_SIN		0.00	-57.03	-74.38	57.26	225.65	-125.99	25.40	19.31	-45.45	-5.14	14.54	60.33	-18.93	9.30	27.86	7.25

RUN	POINT	Harmonics															
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2837.04	-711.24	406.17	-0.66	-83.47	-45.99	-53.97	-64.96	-24.35	71.13	-21.52	-26.42	-16.25	19.54	43.08	-12.58
MRBLD1CB70_SIN		0.00	-23.39	-74.65	35.72	419.54	-37.05	138.71	40.91	-32.02	-8.50	-8.64	46.71	-9.97	7.41	25.40	3.72
MRBLD1CB120_COS		-522.36	-235.91	501.25	-12.96	-9.05	-6.41	28.20	-43.55	-16.23	-40.51	44.58	26.75	16.77	-4.31	-1.64	4.28
MRBLD1CB120_SIN		0.00	67.34	-108.22	-7.88	430.70	31.63	225.54	28.98	28.64	-6.95	-13.08	-18.76	17.33	-2.52	5.36	-1.32
MRBLD1CB164_COS		-1960.13	-74.54	153.31	-56.01	15.38	-23.53	27.75	12.30	-8.69	-63.86	34.45	21.99	13.18	-2.93	-20.49	0.92
MRBLD1CB164_SIN		0.00	64.43	-38.88	4.80	192.55	62.11	111.27	5.69	28.71	-8.90	5.71	-22.28	22.15	-3.09	-25.97	-4.86
MRBLD1FB42P75_COS		3006.31	120.55	-437.32	104.98	463.82	-15.56	15.43	-227.93	-34.65	-70.58	15.77	-19.24	4.84	62.60	143.31	-3.38
MRBLD1FB42P75_SIN		0.00	7.65	-76.23	358.99	131.48	-147.56	31.85	31.89	10.73	21.82	18.32	76.73	7.78	-29.17	-77.22	23.57
MRBLD1FB70_COS		402.50	-61.49	-223.17	-2.91	119.94	-12.46	-0.24	-28.72	3.76	4.05	0.80	-0.30	-2.36	-8.57	-30.15	-2.50
MRBLD1FB70_SIN		0.00	-147.69	-18.96	109.26	50.09	-45.28	16.61	11.75	3.72	1.74	4.86	1.69	1.31	5.03	13.65	-6.09
MRBLD1FB87_COS		-77.61	-34.19	-193.94	-28.42	40.43	-16.33	-10.09	17.70	9.61	15.41	1.13	7.74	2.74	-13.89	-28.26	2.44
MRBLD1FB87_SIN		0.00	-144.86	14.24	85.25	31.61	5.00	3.57	-4.08	-7.67	-10.17	-9.81	-21.58	-0.86	6.11	17.86	0.11
MRBLD1FB120_COS		-446.40	-29.14	-281.87	-45.14	0.63	-5.74	1.43	43.42	-10.47	-4.38	-1.55	-3.27	-0.44	17.45	44.05	-3.30
MRBLD1FB120_SIN		0.00	-180.70	18.72	120.45	-5.52	64.84	-12.57	-19.33	-1.36	6.73	2.07	7.03	-2.06	-10.39	-28.66	-1.57
MRBLD1FB164_COS		-97.97	-9.63	-383.34	65.21	-227.42	38.46	29.68	-71.62	8.69	11.25	-2.13	3.73	5.56	-8.74	-24.32	4.90
MRBLD1FB164_SIN		0.00	-226.35	-0.48	198.52	16.38	-38.37	-21.66	3.30	2.48	-1.09	-6.96	-15.34	-0.42	-0.53	12.01	4.27

RUN	POINT	Harmonics															
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-153.58	-16.11	-221.99	52.03	-143.33	12.58	4.77	-62.83	11.16	27.72	8.94	14.91	13.41	15.56	51.13	-10.41
MRBLD1FB180_SIN		0.00	-151.63	-4.78	106.53	38.70	-59.66	1.21	13.96	-8.77	-29.98	-27.35	-40.99	3.13	-8.06	-36.82	-4.86
MRBLD1TOR51_COS		-1372.06	49.04	-10.05	21.48	-278.53	61.13	-9.64	-27.79	-0.42	4.03	4.44	10.31	2.52	0.56	13.45	-3.76
MRBLD1TOR51_SIN		0.00	-34.42	-6.82	94.36	44.92	-103.24	-35.62	36.65	7.36	-10.31	-7.79	-5.36	11.80	0.16	3.32	-6.50
MRBLD1TOR71_COS		-233.41	57.75	-22.77	18.22	-266.50	57.76	-3.71	-16.60	0.73	3.37	5.58	12.03	3.66	-1.89	5.91	-0.18
MRBLD1TOR71_SIN		0.00	-36.96	-7.92	69.92	23.94	-88.35	-35.24	38.45	9.71	-7.55	-6.13	-5.91	11.54	-0.20	2.26	-3.38
MRBLD1TOR130_COS		7.70	50.41	-0.48	25.76	-254.54	39.89	-0.99	-16.51	1.24	-0.77	1.80	-4.45	0.04	1.06	-4.95	-0.02
MRBLD1TOR130_SIN		0.00	-27.92	-7.02	54.03	30.84	-70.73	-25.74	30.11	8.75	-3.70	2.67	5.24	4.38	1.61	2.45	5.17
MRBLD1TOR164_COS		-199.98	33.86	53.75	16.03	-138.16	9.91	-8.32	-7.51	4.16	7.69	4.24	-0.32	1.60	4.66	7.57	2.32
MRBLD1TOR164_SIN		0.00	-4.71	1.72	4.36	38.37	-43.06	-4.77	15.62	-0.40	-3.71	2.48	1.84	-2.12	2.36	4.34	4.87
MRFBM1CB26P5_COS		-4487.91	-563.34	-9.94	60.32	-8.30	-6.84	-10.03	-4.72	3.12	-6.96	-5.72	-4.22	0.15	2.73	7.35	-0.18
MRFBM1CB26P5_SIN		0.00	-86.41	-6.88	-0.85	-58.16	-39.38	-28.91	-5.46	-6.40	0.74	4.85	1.22	0.00	1.90	3.71	1.88
MRFBM1FB9_COS		303.11	-58.99	155.71	13.17	-32.49	-1.81	12.10	9.81	1.14	-0.72	0.53	2.93	0.36	-1.25	-2.59	0.62
MRFBM1FB9_SIN		0.00	20.19	71.27	-102.74	-44.51	11.15	-3.55	6.41	1.49	0.66	-0.31	-0.77	0.26	-2.24	-3.87	0.16
MRFBM1TOR26P5_COS		-343.39	89.77	-0.47	0.13	-5.46	1.17	-0.75	0.07	0.08	0.16	-0.16	0.17	0.02	-0.03	0.02	-0.08
MRFBM1TOR26P5_SIN		0.00	-87.10	-0.07	0.47	0.29	-1.45	-0.25	0.10	0.25	0.13	-0.08	-0.20	0.07	0.01	-0.08	-0.15

RUN	POINT	Harmonics															
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-851.61	-1216.26	8.98	106.04	-1.62	-36.10	-57.56	-67.44	-4.24	20.98	-28.81	-42.58	-15.14	24.18	59.28	-14.18
MRPC1CB33P25_SIN		0.00	-31.80	-51.04	52.44	88.62	-126.32	0.90	-3.81	-30.14	-6.90	18.27	42.23	-9.23	8.21	26.59	8.02
MRPC1FB33P25_COS		2127.59	68.38	-343.31	23.64	358.49	18.72	6.75	-186.56	-33.09	-62.07	1.06	-61.67	-3.13	61.00	149.99	-23.28
MRPC1FB33P25_SIN		0.00	129.95	-128.92	313.91	222.19	-116.06	30.20	-66.72	-12.14	-23.23	19.55	44.98	7.92	29.45	77.80	13.55
MRPC1TOR25P5_COS		-805.55	-24.89	-16.20	-28.89	317.33	-78.39	3.73	18.14	-6.10	-4.16	-5.41	-19.12	-6.17	3.44	-5.65	0.32
MRPC1TOR25P5_SIN		0.00	70.86	-45.15	-88.25	-21.08	108.59	42.16	-42.91	-16.07	6.75	11.03	14.97	-14.76	-0.11	9.30	16.20
MRPLK1LOAD_COS		-78.32	7.41	0.36	-3.28	41.25	-10.09	0.85	2.99	-0.36	-0.50	0.07	-2.48	-0.67	0.13	-2.29	0.65
MRPLK1LOAD_SIN		0.00	-16.09	-1.04	-12.67	-3.47	16.09	5.17	-5.19	-2.13	0.33	1.74	2.05	-1.77	-0.22	1.39	2.67
PITCHRH_COS		10440.75	-8243.69	-399.10	32.67	-209.85	1436.04	-48.75	96.48	67.85	-212.98	-648.97	63.91	58.26	44.33	93.69	661.52
PITCHRH_SIN		0.00	2196.99	-482.21	1.15	-9.04	-2016.17	67.13	161.72	52.60	-20.67	-176.92	-80.69	-103.84	-26.79	-57.96	184.42
ROLLRH_COS		845.54	-2006.35	462.54	-75.14	-256.38	115.16	-67.62	-163.04	219.87	107.14	145.09	-16.18	4.94	39.02	5.08	-227.73
ROLLRH_SIN		0.00	-7956.03	-519.40	-69.34	511.40	3302.07	-79.92	-25.20	-65.23	-148.98	73.23	58.52	-15.27	54.24	-187.27	1054.88
TORQ_COS		35209.25	299.95	3.03	13.47	17.89	68.80	10.91	-8.74	-24.92	-1.77	31.17	3.12	0.38	0.84	-3.69	-5.44
TORQ_SIN		0.00	644.66	-22.86	2.99	-33.00	150.58	16.06	8.57	30.65	-10.03	-32.96	3.72	-10.37	5.86	-6.35	8.06
THRUST_COS		5654.87	-45.25	10.86	2.23	1.27	-44.85	2.22	9.53	0.60	3.39	11.82	-15.89	-5.32	0.06	5.23	14.00
THRUST_SIN		0.00	-82.96	7.07	4.50	19.81	103.27	-0.29	2.38	-3.03	3.58	9.71	-1.43	-8.20	-0.41	6.53	-8.10

RUN	POINT	Harmonics															
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.42	57.64	-13.34	6.88	-19.99	-238.34	8.58	2.54	-3.73	-5.36	-11.05	3.22	-0.03	-0.82	0.05	5.64
SIDERH_SIN		0.00	182.46	12.24	-6.08	-106.12	-252.78	5.26	2.65	3.11	7.33	-3.82	-1.71	-0.10	-1.70	5.74	-29.64
DRAGRH_COS		-199.23	213.53	9.46	2.11	3.58	365.08	-8.03	0.39	-5.81	12.29	23.86	-2.41	-1.82	-1.05	-2.81	-28.44
DRAGRH_SIN		0.00	-66.29	15.28	5.26	19.35	148.41	2.16	-3.57	1.26	7.50	23.21	-2.48	7.55	-0.36	4.93	-1.96

RUN	POINT	Harmonics															
42	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.65	-0.37	-0.65	-3.54	-2.55	-0.10	0.22	0.70	-0.03	-0.06	0.11	0.28	0.19	0.00	0.16	0.04
ACT1FORCE_SIN		0.00	12.38	1.55	0.69	0.23	-0.98	-0.40	-0.19	0.07	-0.07	-0.20	0.10	0.08	-0.11	0.00	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.75	-9.52	0.19	31.48	23.17	1.23	-1.73	0.03	0.00	0.01	0.03	0.02	0.00	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-94.60	-11.26	-5.06	-2.37	7.69	5.77	-0.04	-0.01	-0.01	0.00	0.01	0.00	0.02	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.17	9.64	-0.14	-31.51	-23.24	-1.30	1.69	-0.04	0.01	0.00	-0.02	-0.01	0.00	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	94.79	11.32	5.15	2.45	-7.69	-5.80	0.03	0.01	0.01	0.00	-0.01	0.00	-0.03	-0.01	0.00
MRBLD1CB42P75_COS		-3782.31	-1648.66	49.71	221.56	-62.34	-93.70	-42.06	-129.79	70.08	50.85	9.86	36.43	6.19	1.58	-29.36	-7.83
MRBLD1CB42P75_SIN		0.00	-364.65	-30.76	99.77	177.73	-20.43	9.26	-34.93	-38.47	8.11	-65.96	53.86	23.78	13.91	46.12	-37.39

RUN	POINT	Harmonics															
42	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2867.47	-1019.03	301.40	114.47	-31.54	-91.09	-63.28	-94.05	53.55	48.42	-2.16	27.74	1.07	0.51	-16.13	-7.52
MRBLD1CB70_SIN		0.00	-193.63	-54.42	129.84	326.49	8.78	65.26	9.41	-24.70	5.22	-50.35	30.20	10.13	2.43	33.72	-38.25
MRBLD1CB120_COS		-490.70	-429.31	409.61	107.48	-22.40	-46.72	-54.17	-45.11	-30.40	-6.86	21.49	-10.10	3.69	7.07	-1.49	4.88
MRBLD1CB120_SIN		0.00	45.45	-135.40	53.60	310.45	20.91	76.43	22.48	-12.40	-13.06	45.88	-15.54	-1.67	-0.03	-4.24	-11.01
MRBLD1CB164_COS		-1940.11	-136.32	131.17	15.94	-47.36	-10.55	-4.77	23.96	-41.71	-16.45	21.85	-8.16	8.77	5.74	11.59	-5.24
MRBLD1CB164_SIN		0.00	68.97	-48.66	32.36	127.86	20.04	30.48	12.85	-10.86	-23.26	49.20	-7.13	6.36	2.88	-17.80	30.69
MRBLD1FB42P75_COS		3142.25	261.74	-402.68	496.29	-175.59	-97.06	-103.19	-346.58	-79.82	-16.76	63.22	70.61	50.05	37.34	26.85	-96.61
MRBLD1FB42P75_SIN		0.00	75.07	11.48	219.35	149.60	58.49	-21.31	-5.12	-107.58	-81.56	-78.97	19.49	3.95	8.29	101.07	-52.67
MRBLD1FB70_COS		424.29	-5.95	-180.44	140.00	-62.74	-24.60	-12.82	-49.21	3.25	5.11	0.64	1.02	-2.45	-5.99	-3.20	21.65
MRBLD1FB70_SIN		0.00	-207.88	23.83	67.52	36.07	3.25	-0.94	7.16	-8.55	0.93	1.06	2.81	4.38	0.55	-21.60	11.49
MRBLD1FB87_COS		-60.73	25.80	-151.95	41.62	-52.91	-22.97	-4.29	33.44	14.18	6.61	-7.73	-15.44	-8.06	-6.78	-10.29	14.16
MRBLD1FB87_SIN		0.00	-206.54	42.75	73.18	18.51	2.53	-0.47	-1.26	11.67	12.68	19.17	-3.71	0.51	1.95	-18.72	9.84
MRBLD1FB120_COS		-465.14	30.82	-232.03	6.86	-10.52	9.00	19.46	73.18	-2.83	-10.23	-5.65	4.25	6.25	7.65	10.79	-21.48
MRBLD1FB120_SIN		0.00	-257.77	83.49	135.02	31.25	2.03	-8.80	-13.46	10.63	-3.69	-8.32	0.01	-5.55	-4.69	27.27	-15.81
MRBLD1FB164_COS		-164.21	74.99	-329.18	67.59	152.65	63.30	1.16	-102.59	2.72	12.90	4.88	-4.28	-4.07	-1.83	-2.05	10.35
MRBLD1FB164_SIN		0.00	-321.12	87.16	163.26	18.36	-32.40	-1.77	4.07	-18.46	5.29	14.52	-5.26	-1.90	3.18	-11.33	8.11

RUN	POINT	Harmonics															
42	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-203.79	15.52	-181.59	31.30	118.61	47.91	-25.23	-94.56	32.34	22.71	-18.06	-24.82	3.09	10.40	6.54	-29.28
MRBLD1FB180_SIN		0.00	-221.90	56.67	75.51	10.50	-21.16	-0.70	12.76	-17.49	-1.82	32.85	-4.21	-8.24	-13.94	29.05	-15.69
MRBLD1TOR51_COS		-1411.58	67.83	-17.35	65.56	-24.11	-22.74	8.14	-45.75	10.24	8.28	-4.02	-1.52	1.60	3.09	-0.68	1.15
MRBLD1TOR51_SIN		0.00	-85.65	15.00	44.71	6.20	-4.05	0.68	28.57	-4.26	-6.93	-3.51	-4.46	-1.73	-2.34	6.60	-10.53
MRBLD1TOR71_COS		-279.72	86.18	-25.97	45.99	-10.35	-11.34	13.46	-28.45	7.24	3.94	-5.60	-3.57	0.76	3.99	-1.40	1.00
MRBLD1TOR71_SIN		0.00	-82.14	8.70	21.67	-6.58	-2.92	5.08	34.35	3.93	-2.71	0.47	-4.30	-3.29	-2.19	2.60	-5.00
MRBLD1TOR130_COS		-40.00	76.45	-3.85	29.22	6.72	-9.24	11.94	-25.15	5.69	3.88	3.52	-0.47	0.84	0.47	-5.92	-3.37
MRBLD1TOR130_SIN		0.00	-69.68	2.29	7.04	-2.51	0.10	6.19	23.88	0.16	-0.87	4.38	10.52	4.53	3.00	-3.31	4.03
MRBLD1TOR164_COS		-229.86	39.68	49.34	5.79	-10.71	-17.84	-1.19	-3.73	8.50	4.59	-1.64	-2.00	2.02	3.60	-5.99	-3.10
MRBLD1TOR164_SIN		0.00	-28.07	-6.66	-23.62	-5.86	3.26	6.61	17.16	2.74	0.16	5.12	5.26	2.71	3.30	1.40	-2.93
MRFBM1CB26P5_COS		-4350.91	-685.15	-19.47	81.24	-1.97	-5.86	4.91	-12.50	1.37	-0.58	4.98	1.02	1.78	0.82	-5.33	0.09
MRFBM1CB26P5_SIN		0.00	-253.78	10.23	-14.43	-21.83	-12.68	-16.86	-12.37	-6.95	-1.87	-1.22	2.45	2.09	2.43	2.93	-4.70
MRFBM1FB9_COS		349.28	33.30	143.79	-88.36	31.88	15.84	6.60	13.17	-3.08	-2.72	-3.39	-0.37	-0.14	0.45	2.69	-1.87
MRFBM1FB9_SIN		0.00	71.12	18.66	-108.02	-18.10	1.61	7.69	12.33	5.09	0.93	0.50	-2.87	-2.00	-1.05	-1.41	2.89
MRFBM1TOR26P5_COS		-336.64	88.91	-0.70	0.40	-0.39	0.06	0.11	-0.23	0.20	0.02	-0.06	0.06	0.01	-0.01	0.31	0.03
MRFBM1TOR26P5_SIN		0.00	-105.78	0.45	0.06	-0.21	-0.28	0.19	0.12	0.20	0.00	-0.07	-0.23	0.00	-0.02	0.04	-0.01

RUN	POINT	Harmonics															
42	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1176.75	-1514.03	-28.08	250.07	-62.67	-68.65	-27.43	-117.94	38.25	30.69	20.31	27.03	10.16	5.24	-28.55	-5.91
MRPC1CB33P25_SIN		0.00	-287.79	-12.20	43.82	82.39	-20.69	-14.25	-46.94	-46.64	-7.39	-39.50	39.57	19.42	14.59	41.04	-40.70
MRPC1FB33P25_COS		2225.10	177.10	-354.26	370.10	-181.09	-97.42	-74.04	-267.84	-9.11	31.90	87.90	38.20	30.68	17.14	-73.60	-9.75
MRPC1FB33P25_SIN		0.00	236.11	-63.90	269.92	93.32	21.64	-54.19	-142.86	-119.37	-68.45	-22.73	58.64	37.44	34.31	85.68	-114.97
MRPC1TOR25P5_COS		-733.34	-36.31	-37.86	-57.99	14.88	10.57	-15.93	33.28	-9.42	-3.85	8.00	4.64	-1.94	-0.26	-18.22	-5.99
MRPC1TOR25P5_SIN		0.00	132.51	-67.40	-23.25	-0.12	7.88	-3.06	-40.93	-4.45	5.27	2.39	14.94	3.64	7.06	-2.28	-0.47
MRPLK1LOAD_COS		-74.68	3.25	-0.33	-7.15	2.69	2.14	-1.90	6.18	-1.29	-0.86	1.18	-0.20	-0.30	-0.07	-3.57	-0.81
MRPLK1LOAD_SIN		0.00	-9.81	-4.16	-4.61	-0.12	1.26	-0.17	-4.68	-0.27	0.80	0.86	2.42	0.15	0.95	-1.58	0.48
PITCHRH_COS		8820.63	-8436.23	-346.14	-27.85	-138.80	-522.92	-158.94	-51.60	90.88	-60.45	152.26	-65.16	33.24	-9.86	-19.10	-368.24
PITCHRH_SIN		0.00	1841.18	-666.30	71.03	-80.28	494.45	13.31	129.37	105.12	-54.56	-167.50	32.87	-22.21	110.80	-25.12	264.58
ROLLRH_COS		-81.22	-1548.45	714.61	-37.74	-271.64	-1228.62	-110.40	5.28	83.41	120.00	367.03	-88.47	26.76	67.93	-94.37	-769.82
ROLLRH_SIN		0.00	-8191.08	-491.43	14.52	38.35	0.22	-292.16	-23.91	33.53	36.90	-18.22	-61.73	0.61	-31.95	-42.18	-406.82
TORQ_COS		36437.26	353.81	2.25	8.48	-80.21	89.91	-4.60	9.09	-20.65	1.73	-2.29	-1.19	1.26	-3.59	-0.95	-3.79
TORQ_SIN		0.00	690.59	-21.50	9.06	-151.88	53.85	4.27	35.25	-5.88	-8.21	0.60	6.04	-4.58	1.38	-6.30	-7.63
THRUST_COS		5715.28	-46.81	6.90	14.79	13.94	41.86	2.03	16.46	-4.14	-7.45	-30.24	3.24	-0.99	-0.43	2.10	20.62
THRUST_SIN		0.00	-85.21	7.25	2.84	45.86	-31.13	12.38	16.75	-0.35	-0.59	25.59	-2.08	2.44	-1.71	-10.19	59.74

RUN	POINT	Harmonics															
42	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.93	35.94	-14.77	-2.65	9.45	70.01	9.50	-2.73	-1.37	-6.99	-15.84	4.23	-0.99	-2.34	2.45	22.00
SIDERH_SIN		0.00	201.40	11.31	2.53	-67.91	-88.54	19.79	-0.50	-0.61	-1.28	1.45	3.62	0.15	0.80	1.02	11.83
DRAGRH_COS		-179.83	226.17	9.43	-3.48	-10.24	37.85	-3.05	-4.47	-3.49	4.55	-1.31	4.14	-1.42	-0.65	-0.56	17.59
DRAGRH_SIN		0.00	-56.02	12.55	-1.56	8.56	57.08	-26.75	1.30	0.81	0.48	6.66	-4.76	2.04	-4.53	-0.01	-10.17

RUN	POINT	Harmonics															
44	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.02	-0.02	-0.14	-3.37	-2.88	-0.67	-0.09	0.70	0.21	0.02	0.04	0.22	0.30	0.12	0.17	-0.02
ACT1FORCE_SIN		0.00	11.13	1.69	0.81	0.44	-0.93	-0.75	-0.32	0.03	0.12	-0.15	0.07	0.07	-0.07	0.09	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.06	-12.33	-4.10	31.17	25.86	6.08	1.11	0.01	0.01	0.00	0.03	0.01	-0.01	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-84.43	-11.42	-6.35	-5.18	6.93	10.03	-0.06	-0.03	-0.02	-0.01	0.00	0.01	0.03	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.09	12.45	4.17	-31.20	-25.92	-6.16	-1.17	-0.02	-0.01	0.01	-0.02	-0.01	0.01	-0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	84.59	11.46	6.45	5.29	-6.90	-10.07	0.04	0.02	0.00	0.01	0.01	0.00	-0.02	0.00	0.02
MRBLD1CB42P75_COS		-4263.40	-1272.06	-0.63	251.45	-45.65	-57.11	-32.72	-148.28	37.56	35.65	23.27	5.61	-5.65	-9.23	-42.64	0.84
MRBLD1CB42P75_SIN		0.00	-141.99	-49.60	69.00	167.36	-8.25	13.27	16.17	-54.03	2.71	-123.64	52.56	11.60	2.00	13.75	-22.63

RUN	POINT	Harmonics															
44	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2773.71	-790.57	275.08	149.29	-21.67	-29.09	-47.90	-102.66	23.33	34.36	1.98	8.33	-0.59	-4.09	-31.63	1.28
MRBLD1CB70_SIN		0.00	-67.63	-66.49	102.66	302.57	20.10	58.18	38.39	-32.89	6.27	-94.54	28.55	5.54	-0.06	7.98	-23.21
MRBLD1CB120_COS		-469.97	-338.89	408.99	144.32	0.33	18.02	-39.00	-36.37	-36.14	-5.13	12.25	0.79	4.64	6.97	0.31	3.60
MRBLD1CB120_SIN		0.00	74.25	-147.14	24.79	285.29	34.21	78.13	37.20	-2.27	-14.92	76.86	-18.21	2.55	3.07	-4.01	-7.64
MRBLD1CB164_COS		-1946.17	-112.55	131.72	33.33	-36.39	12.78	-0.37	35.16	-32.87	-11.28	10.91	-1.06	3.39	3.33	17.94	-6.76
MRBLD1CB164_SIN		0.00	71.53	-53.24	21.52	117.12	20.26	23.88	3.33	-0.12	-28.30	78.87	-9.09	6.20	2.73	-1.61	17.26
MRBLD1FB42P75_COS		3228.66	171.15	-413.72	518.55	-90.65	-79.21	-83.16	-306.88	-110.57	-37.06	72.09	52.83	25.79	11.81	-26.72	-54.99
MRBLD1FB42P75_SIN		0.00	23.22	-11.76	116.56	133.69	70.17	13.72	113.90	-100.68	-98.72	-102.61	35.34	11.17	9.32	82.91	-40.53
MRBLD1FB70_COS		407.52	3.37	-193.93	147.51	-38.99	-15.89	-6.94	-43.24	-3.56	2.59	-2.39	-1.52	-2.87	-3.00	6.82	12.57
MRBLD1FB70_SIN		0.00	-201.82	17.75	31.33	31.47	4.99	6.73	29.39	-6.13	2.40	1.92	2.39	2.30	-0.65	-17.89	8.42
MRBLD1FB87_COS		-84.72	29.58	-160.19	44.43	-46.22	-22.49	-3.71	29.99	17.18	10.70	-7.52	-10.24	-3.53	-1.79	2.92	7.14
MRBLD1FB87_SIN		0.00	-198.16	45.02	56.41	18.16	0.40	-3.31	-10.80	10.53	13.70	26.04	-7.49	-0.78	0.40	-15.83	7.48
MRBLD1FB120_COS		-486.85	31.64	-240.26	5.31	-21.95	-2.17	8.80	62.27	4.61	-9.05	-5.35	2.16	3.71	2.82	-7.36	-11.98
MRBLD1FB120_SIN		0.00	-243.68	90.12	125.57	29.93	-0.73	-20.87	-45.91	9.97	-2.97	-13.40	-0.44	-5.75	-3.47	22.86	-12.48
MRBLD1FB164_COS		-199.94	64.66	-338.80	56.79	124.66	61.99	8.38	-91.99	-8.89	11.55	2.41	-2.88	-2.35	-0.09	5.59	4.40
MRBLD1FB164_SIN		0.00	-305.82	98.97	154.67	12.61	-16.11	22.99	53.64	-18.48	3.00	21.96	-2.94	0.49	2.81	-9.17	7.68

RUN	POINT	Harmonics															
44	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-225.75	7.21	-192.82	23.27	98.40	45.19	-16.95	-88.51	14.54	18.80	-24.74	-17.63	8.94	8.88	-11.80	-16.22
MRBLD1FB180_SIN		0.00	-211.85	63.79	74.62	6.16	-9.51	23.58	59.45	-18.44	-3.72	48.34	-7.84	-2.66	-6.47	24.26	-15.33
MRBLD1TOR51_COS		-1416.30	71.06	-23.97	76.96	-10.08	-20.82	3.40	-36.77	6.57	5.10	-8.92	-1.46	3.39	2.24	-6.20	1.58
MRBLD1TOR51_SIN		0.00	-81.29	5.76	29.91	12.65	0.73	3.57	46.58	-0.87	-5.20	-2.03	-5.28	0.75	0.87	3.22	-7.34
MRBLD1TOR71_COS		-271.41	85.72	-30.76	54.33	-0.13	-11.08	8.97	-19.54	5.39	1.77	-10.94	-2.05	3.07	3.30	-4.00	0.36
MRBLD1TOR71_SIN		0.00	-80.21	1.40	11.61	-0.77	1.26	6.74	46.42	7.60	-0.49	3.61	-5.35	-0.13	0.54	0.51	-4.23
MRBLD1TOR130_COS		-30.14	75.75	-8.98	30.63	12.92	-6.78	7.38	-19.32	3.64	2.64	4.23	-1.86	-0.20	-0.57	-2.19	-2.75
MRBLD1TOR130_SIN		0.00	-66.19	-1.08	1.46	-0.62	5.26	8.61	35.40	2.94	-0.46	4.33	8.66	3.05	0.47	-3.50	2.87
MRBLD1TOR164_COS		-224.37	39.65	48.30	5.32	-5.23	-13.88	-1.78	-2.98	4.48	3.40	-0.35	-0.45	1.55	2.25	-4.13	-2.20
MRBLD1TOR164_SIN		0.00	-26.48	-7.54	-24.03	-5.06	3.96	7.05	20.77	3.98	-0.63	5.42	5.37	2.93	0.21	-2.74	-1.97
MRFBM1CB26P5_COS		-4813.12	-501.84	-38.81	82.46	1.43	-9.87	3.11	-14.83	2.05	0.09	7.61	0.52	-0.41	0.22	-4.38	0.07
MRFBM1CB26P5_SIN		0.00	-116.24	-1.09	-18.18	-21.47	-10.95	-13.14	-5.71	-9.15	-3.22	-2.01	3.66	1.46	0.91	1.47	-2.94
MRFBM1FB9_COS		299.78	-104.40	163.09	-101.07	21.40	12.81	6.28	16.51	-1.54	-2.67	-4.83	0.47	0.20	0.35	2.25	-1.50
MRFBM1FB9_SIN		0.00	-7.64	32.46	-84.04	-19.02	-0.97	4.75	6.38	6.21	1.91	1.37	-2.34	-1.03	-0.21	0.39	1.58
MRFBM1TOR26P5_COS		-358.11	80.80	-0.50	0.30	-0.35	0.03	-0.01	-0.12	0.10	0.01	-0.15	0.04	0.03	-0.03	0.20	0.06
MRFBM1TOR26P5_SIN		0.00	-94.01	0.18	0.20	0.06	-0.28	0.27	0.20	0.23	0.06	-0.05	-0.20	0.01	0.09	0.12	0.05

RUN	POINT	Harmonics															
44	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1096.04	-1179.37	-79.37	273.16	-41.32	-51.02	-21.56	-131.37	17.14	21.90	31.85	5.13	-0.82	-5.07	-38.66	1.61
MRPC1CB33P25_SIN		0.00	-113.71	-26.75	17.25	77.54	-10.48	-5.50	1.50	-56.71	-15.40	-72.66	39.96	11.16	4.53	13.15	-24.31
MRPC1FB33P25_COS		2277.50	101.88	-351.13	402.05	-110.21	-85.11	-70.51	-283.53	-34.79	25.13	111.08	16.22	9.96	-0.33	-92.20	4.47
MRPC1FB33P25_SIN		0.00	180.71	-82.12	192.74	99.43	35.43	-19.90	-37.39	-128.16	-91.03	-37.35	59.04	25.84	15.65	25.06	-72.79
MRPC1TOR25P5_COS		-770.17	-58.06	-9.99	-73.53	3.24	11.40	-12.42	26.05	-8.40	-1.98	16.94	2.14	-4.65	-2.35	-10.78	-5.45
MRPC1TOR25P5_SIN		0.00	148.03	-52.42	-5.14	0.36	3.18	-2.75	-53.51	-7.96	3.99	-3.94	15.94	0.75	0.70	-7.01	-1.30
MRPLK1LOAD_COS		-84.18	1.94	0.57	-8.74	0.80	2.00	-1.11	4.84	-0.84	-0.36	2.53	-0.33	-0.55	-0.29	-1.68	-1.08
MRPLK1LOAD_SIN		0.00	-9.02	-3.10	-2.42	-0.99	0.72	-0.86	-6.93	-0.65	0.02	0.27	2.14	-0.16	-0.18	-2.27	0.00
PITCHRH_COS		10425.66	-8736.25	-399.81	-29.71	-51.09	-335.01	-116.85	-32.49	49.92	-7.21	57.98	-84.34	21.11	-43.91	-21.37	-437.07
PITCHRH_SIN		0.00	2289.49	-726.95	104.44	-74.73	409.21	23.42	84.97	-50.90	-96.02	-223.17	19.74	10.89	64.86	-8.93	133.90
ROLLRH_COS		1363.74	-1959.39	777.32	-20.92	-218.10	-846.34	-117.35	-41.96	122.52	89.58	295.46	-57.64	-23.50	49.01	16.02	-532.65
ROLLRH_SIN		0.00	-8325.93	-532.75	-37.99	92.81	286.49	-211.20	0.45	37.35	-26.56	7.58	-59.13	47.96	46.01	-39.17	-570.00
TORQ_COS		30176.56	374.15	-1.52	-2.53	-57.80	59.53	-0.92	14.41	-28.07	-0.62	-5.12	1.34	3.70	-1.82	-5.53	10.86
TORQ_SIN		0.00	715.75	-24.30	7.65	-89.15	51.70	2.18	18.16	-0.15	-7.29	3.13	2.82	-8.85	5.77	-9.06	-14.83
THRUST_COS		5756.21	-55.99	6.44	7.63	14.15	33.17	0.60	12.98	-2.07	-5.08	-30.44	1.79	1.69	-0.36	0.42	5.86
THRUST_SIN		0.00	-58.67	8.12	8.66	32.27	-34.89	6.68	8.54	-0.06	2.67	22.62	-4.63	-0.92	-1.48	-4.30	43.66

RUN	POINT	Harmonics															
44	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.72	37.40	-18.58	-1.28	1.18	40.99	6.48	-0.30	-2.62	-4.17	-12.12	3.02	0.60	-1.51	-0.73	15.62
SIDERH_SIN		0.00	174.72	11.78	3.87	-55.07	-76.80	12.07	0.47	-0.55	2.35	-0.23	3.45	-1.56	-1.35	0.73	16.49
DRAGRH_COS		-137.70	228.72	12.14	-2.71	-7.11	49.69	-7.09	-0.75	-1.62	-1.45	2.79	5.21	-1.73	1.61	0.46	18.28
DRAGRH_SIN		0.00	-60.82	16.13	0.23	8.76	58.82	-17.74	-0.41	4.90	5.39	12.07	-5.08	1.67	-2.03	-0.59	-5.94

RUN	POINT	Harmonics															
44	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.59	0.04	-0.22	-3.27	-2.85	-0.62	-0.01	0.85	0.26	-0.02	0.04	0.13	0.27	0.16	0.13	-0.01
ACT1FORCE_SIN		0.00	11.10	1.59	0.74	0.46	-0.99	-0.81	-0.27	0.06	0.14	-0.14	0.06	0.06	-0.11	0.14	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.47	-12.19	-2.48	30.61	25.52	6.18	0.26	0.02	0.00	-0.01	0.01	0.01	0.00	-0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-83.71	-11.56	-6.97	-4.38	8.00	9.23	-0.04	0.00	-0.01	-0.02	0.01	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.62	12.31	2.54	-30.64	-25.59	-6.25	-0.33	-0.04	0.00	0.01	0.00	-0.01	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	83.87	11.61	7.07	4.49	-7.97	-9.27	0.02	-0.02	0.00	0.01	0.00	0.00	-0.01	0.02	0.02
MRBLD1CB42P75_COS		-4223.43	-992.81	0.04	249.63	-49.07	-69.95	-42.08	-151.51	50.43	39.81	38.01	-2.08	-7.58	-6.19	-32.73	-1.70
MRBLD1CB42P75_SIN		0.00	3.83	-36.08	60.73	158.02	-16.03	12.11	-34.43	-49.30	1.47	-90.01	60.13	12.11	1.85	20.87	-18.66

RUN	POINT	Harmonics															
44	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2791.31	-617.75	274.30	149.52	-26.39	-51.17	-61.71	-106.48	34.02	35.80	9.65	4.22	-4.40	-5.64	-25.86	-1.68
MRBLD1CB70_SIN		0.00	35.75	-59.70	98.54	287.42	11.44	65.88	4.25	-31.90	2.36	-74.13	34.30	7.60	-1.88	13.53	-21.57
MRBLD1CB120_COS		-479.01	-280.24	405.89	138.56	-10.13	-6.40	-55.21	-42.38	-36.89	-7.18	4.06	4.90	5.34	5.23	-2.09	1.98
MRBLD1CB120_SIN		0.00	132.82	-142.53	26.49	280.37	28.30	90.60	20.91	-8.05	-12.93	59.76	-22.07	2.43	2.83	-4.15	-7.69
MRBLD1CB164_COS		-1949.98	-100.19	130.40	31.06	-41.76	3.08	-5.43	32.42	-38.86	-13.93	6.52	3.90	7.93	5.93	15.29	-4.92
MRBLD1CB164_SIN		0.00	87.42	-52.48	20.35	117.43	18.53	31.54	12.31	-4.46	-23.20	65.30	-12.95	4.02	3.41	-6.04	17.40
MRBLD1FB42P75_COS		3208.58	96.97	-412.11	494.54	-104.76	-87.96	-95.10	-357.63	-95.57	-18.70	94.39	51.05	26.17	15.57	-8.42	-53.42
MRBLD1FB42P75_SIN		0.00	4.42	-3.06	99.95	181.38	63.74	9.92	22.71	-101.49	-90.41	-86.29	43.38	10.96	5.77	78.47	-29.15
MRBLD1FB70_COS		406.88	2.02	-195.90	139.05	-45.08	-20.62	-10.92	-52.80	-1.64	3.23	-1.26	-1.22	-2.30	-2.99	3.41	12.75
MRBLD1FB70_SIN		0.00	-197.78	23.29	24.63	45.02	3.37	7.00	13.63	-6.46	2.31	2.00	2.03	2.06	-0.16	-17.19	6.15
MRBLD1FB87_COS		-82.57	28.38	-162.61	39.89	-48.77	-23.48	-2.81	34.98	15.18	7.51	-13.35	-10.12	-4.24	-3.38	-1.77	6.28
MRBLD1FB87_SIN		0.00	-199.05	48.39	51.51	24.11	-0.09	-2.96	-2.43	10.51	12.53	22.22	-9.41	-0.89	1.02	-14.86	5.24
MRBLD1FB120_COS		-479.80	35.92	-241.67	3.69	-18.37	1.04	13.89	76.43	2.52	-9.87	-4.18	2.47	4.51	4.06	-0.88	-11.18
MRBLD1FB120_SIN		0.00	-252.18	91.93	117.66	28.03	-1.04	-21.72	-23.00	10.52	-2.64	-11.46	0.76	-4.94	-3.80	21.89	-8.78
MRBLD1FB164_COS		-198.86	69.35	-340.34	50.82	133.26	66.68	2.91	-112.50	-7.30	11.46	1.36	-0.73	-2.55	-1.08	2.22	4.43
MRBLD1FB164_SIN		0.00	-320.29	102.34	149.99	-7.43	-16.45	21.01	16.48	-21.94	1.10	18.16	-5.44	-0.56	3.05	-9.23	4.63

RUN	POINT	Harmonics															
44	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-225.70	12.28	-192.69	20.64	103.69	47.41	-22.62	-107.58	14.50	14.90	-31.38	-11.30	11.59	9.36	-6.23	-15.47
MRBLD1FB180_SIN		0.00	-222.75	63.84	72.29	-8.93	-13.91	18.77	23.66	-22.97	-8.18	38.49	-13.63	-4.37	-7.38	24.40	-8.64
MRBLD1TOR51_COS		-1418.92	73.96	-25.09	73.06	-10.76	-22.89	0.98	-46.75	8.86	5.94	-9.28	-0.88	3.69	2.86	-4.37	0.45
MRBLD1TOR51_SIN		0.00	-79.08	9.67	26.14	16.29	3.85	0.37	25.21	-3.03	-5.48	-3.22	-5.88	-0.09	0.63	4.44	-5.83
MRBLD1TOR71_COS		-273.14	85.05	-32.04	51.44	0.03	-12.25	7.47	-28.48	6.64	1.91	-11.86	-1.30	3.36	3.54	-3.30	-0.39
MRBLD1TOR71_SIN		0.00	-79.58	4.68	8.71	1.57	4.63	3.99	31.46	5.28	-1.33	0.97	-6.41	-1.03	0.32	1.70	-3.19
MRBLD1TOR130_COS		-31.15	76.72	-10.21	28.46	14.22	-6.96	6.14	-27.12	4.24	2.35	3.51	-2.40	-0.01	-0.55	-3.07	-2.55
MRBLD1TOR130_SIN		0.00	-65.70	1.65	-0.17	-1.85	7.96	7.50	22.09	1.46	-0.30	5.57	8.38	2.81	0.22	-3.24	2.28
MRBLD1TOR164_COS		-224.44	40.40	47.77	4.10	-6.59	-14.44	-2.01	-6.18	4.05	2.53	-1.10	-0.02	1.40	1.68	-4.53	-2.47
MRBLD1TOR164_SIN		0.00	-24.48	-6.47	-23.77	-3.61	4.27	7.08	17.73	3.22	-1.71	4.11	5.05	3.50	0.43	-1.91	-2.59
MRFBM1CB26P5_COS		-4789.23	-376.71	-38.77	80.16	3.99	-8.01	3.84	-14.82	2.61	0.47	8.72	-0.44	0.08	0.88	-3.62	-0.58
MRFBM1CB26P5_SIN		0.00	-46.96	3.09	-19.15	-22.74	-11.29	-15.71	-11.52	-7.81	-2.19	0.45	3.49	1.00	1.24	1.73	-2.51
MRFBM1FB9_COS		273.09	-194.31	165.42	-96.90	25.46	13.66	7.23	15.02	-2.12	-2.86	-4.59	0.92	0.34	0.31	2.06	-1.22
MRFBM1FB9_SIN		0.00	-1.77	26.07	-77.94	-23.00	0.41	5.89	11.83	5.79	1.45	0.12	-2.37	-0.99	-0.21	0.00	1.55
MRFBM1TOR26P5_COS		-358.34	79.82	-0.59	0.29	-0.31	-0.02	-0.03	-0.21	0.14	0.04	-0.15	0.08	0.03	0.00	0.22	0.07
MRFBM1TOR26P5_SIN		0.00	-94.84	0.13	0.10	0.08	-0.28	0.21	0.07	0.17	0.07	-0.09	-0.15	0.01	0.10	0.07	0.06

RUN	POINT	Harmonics															
44	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1059.16	-925.16	-76.55	270.58	-43.58	-57.32	-27.58	-135.79	27.39	26.15	43.71	-0.23	-1.67	-2.09	-30.65	-1.45
MRPC1CB33P25_SIN		0.00	6.68	-12.93	10.40	76.02	-16.56	-9.25	-43.92	-52.39	-12.99	-50.05	45.42	11.03	4.83	18.87	-20.65
MRPC1FB33P25_COS		2259.69	36.27	-348.85	385.75	-132.45	-90.69	-78.93	-285.96	-23.81	34.02	117.66	9.48	9.55	4.33	-77.22	-5.56
MRPC1FB33P25_SIN		0.00	159.98	-77.50	174.49	135.14	27.40	-26.52	-127.33	-122.02	-76.07	-12.02	64.00	26.04	16.25	39.25	-65.18
MRPC1TOR25P5_COS		-767.38	-68.67	-5.28	-70.35	3.20	13.37	-10.24	37.04	-10.31	-2.87	17.84	-0.38	-5.54	-3.10	-11.79	-5.31
MRPC1TOR25P5_SIN		0.00	142.88	-61.05	-3.07	-3.97	-1.38	-0.13	-34.31	-5.05	4.53	0.56	16.39	1.13	0.12	-5.45	-2.79
MRPLK1LOAD_COS		-83.68	1.96	0.67	-8.20	0.74	2.31	-0.74	6.44	-1.14	-0.62	2.55	-0.63	-0.72	-0.47	-2.13	-1.04
MRPLK1LOAD_SIN		0.00	-8.96	-3.69	-1.95	-1.59	0.23	-0.38	-4.03	-0.17	0.17	0.72	2.18	-0.20	-0.25	-1.94	-0.29
PITCHRH_COS		11979.61	-8706.57	-414.96	-20.30	-56.66	-332.96	-120.03	-91.17	64.08	-23.08	77.37	-83.94	9.67	31.34	-28.52	-433.06
PITCHRH_SIN		0.00	2294.09	-725.98	117.86	-78.46	559.18	-18.77	109.52	-40.08	-88.54	-155.43	1.80	-6.20	73.70	-15.61	182.08
ROLLRH_COS		1385.29	-1933.04	749.21	-35.04	-272.21	-1095.07	-138.20	-64.73	118.58	108.93	308.75	-54.02	2.17	42.21	5.61	-587.24
ROLLRH_SIN		0.00	-8375.43	-521.72	-23.89	91.19	318.93	-248.71	-4.33	65.44	-23.64	59.83	-51.62	16.82	-24.18	-36.98	-516.54
TORQ_COS		30591.38	402.93	-4.39	-5.25	-67.90	66.36	-0.01	16.64	-27.81	0.44	-13.26	2.31	3.06	-2.91	-4.90	11.70
TORQ_SIN		0.00	694.14	-17.26	8.00	-58.28	53.04	4.43	34.36	1.11	-9.88	-1.87	3.33	-5.86	5.09	-10.21	-18.37
THRUST_COS		5674.46	-56.07	6.64	9.60	16.76	37.90	0.63	18.87	-3.36	-6.13	-41.98	3.77	0.40	-2.57	0.55	7.78
THRUST_SIN		0.00	-58.16	5.70	9.42	28.66	-33.58	7.31	17.22	0.57	2.49	15.27	-3.42	-0.05	-1.79	-4.26	41.19

RUN	POINT	Harmonics															
44	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.67	28.41	-17.83	-0.85	7.36	53.52	7.44	-0.29	-2.62	-5.44	-12.51	2.54	-0.12	-1.52	-0.41	17.17
SIDERH_SIN		0.00	183.88	12.85	3.57	-55.17	-94.48	14.08	-0.87	-1.51	2.43	-2.01	2.93	-0.34	0.82	0.55	14.97
DRAGRH_COS		-130.09	228.62	13.80	-3.70	-6.61	51.51	-8.31	-4.96	-1.25	-0.46	2.94	4.66	-0.24	-1.66	0.97	18.24
DRAGRH_SIN		0.00	-60.67	16.20	-0.39	9.75	72.84	-18.78	-0.65	6.03	3.47	7.22	-2.73	0.85	-1.84	-0.40	-6.76

RUN	POINT	Harmonics															
44	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.02	0.11	-0.12	-3.39	-2.85	-0.74	0.00	0.79	0.24	0.01	0.00	0.23	0.29	0.15	0.18	-0.06
ACT1FORCE_SIN		0.00	10.85	1.72	0.84	0.38	-0.92	-0.75	-0.35	0.12	0.14	-0.17	0.07	0.07	-0.06	0.08	0.11
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.28	-13.13	-2.06	31.27	25.57	6.87	0.52	0.02	0.00	-0.01	0.02	0.02	0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-81.82	-12.75	-6.85	-3.89	7.82	9.67	-0.05	-0.02	-0.02	-0.03	-0.01	0.02	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.88	13.24	2.11	-31.30	-25.64	-6.94	-0.59	-0.03	0.00	0.02	-0.01	-0.02	-0.01	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	81.97	12.81	6.95	3.99	-7.79	-9.70	0.03	0.00	0.01	0.02	0.01	-0.01	-0.02	0.00	0.01
MRBLD1CB42P75_COS		-4255.70	-1210.77	-1.57	252.12	-34.98	-62.26	-39.82	-149.48	44.38	35.34	22.07	2.82	-6.65	-9.23	-35.61	0.04
MRBLD1CB42P75_SIN		0.00	-41.37	-50.72	69.72	155.12	-20.14	16.87	-12.96	-55.14	5.56	-120.24	43.88	10.96	1.90	16.00	-17.98

RUN	POINT	Harmonics															
44	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2778.84	-747.41	282.51	148.35	-5.27	-41.82	-57.58	-105.63	28.91	33.70	6.47	6.04	-2.74	-5.83	-24.15	1.29
MRBLD1CB70_SIN		0.00	-3.94	-68.54	102.67	293.39	10.02	60.31	21.33	-33.28	8.10	-90.53	22.50	5.27	-0.91	9.44	-19.57
MRBLD1CB120_COS		-470.68	-318.75	421.38	140.94	6.14	3.11	-46.40	-41.97	-35.05	-3.81	12.58	3.06	5.73	6.58	0.08	3.15
MRBLD1CB120_SIN		0.00	99.08	-147.52	19.99	274.84	30.41	77.63	35.36	-2.73	-17.10	76.45	-13.03	2.67	2.75	-4.21	-7.92
MRBLD1CB164_COS		-1950.45	-107.40	139.13	31.07	-36.80	8.69	0.05	33.16	-34.93	-9.50	6.60	0.73	4.98	4.95	14.04	-5.78
MRBLD1CB164_SIN		0.00	78.66	-53.06	19.38	111.96	20.73	22.93	11.57	-2.07	-31.16	75.29	-4.24	6.33	3.41	-2.98	15.43
MRBLD1FB42P75_COS		3249.48	149.73	-423.34	509.81	-134.23	-85.53	-85.86	-335.46	-103.25	-34.80	59.36	49.53	24.61	11.20	-19.91	-51.44
MRBLD1FB42P75_SIN		0.00	1.66	-12.17	128.98	99.11	63.28	16.53	70.01	-106.15	-103.21	-93.50	30.68	8.22	6.70	74.02	-34.69
MRBLD1FB70_COS		413.36	0.89	-199.10	143.06	-50.95	-19.26	-8.16	-48.76	-2.58	2.88	-2.02	-1.31	-2.29	-2.51	5.49	12.08
MRBLD1FB70_SIN		0.00	-201.35	17.10	35.32	21.11	2.89	7.82	21.37	-7.17	2.14	1.86	2.63	2.78	0.15	-15.77	7.60
MRBLD1FB87_COS		-82.91	26.65	-164.52	41.57	-50.92	-23.02	-3.11	32.68	16.68	10.97	-4.54	-9.00	-3.08	-1.64	1.22	6.12
MRBLD1FB87_SIN		0.00	-198.31	43.21	58.56	13.55	-0.44	-3.46	-6.98	11.09	14.62	24.38	-5.91	0.01	1.12	-13.98	5.79
MRBLD1FB120_COS		-484.54	29.33	-245.58	4.87	-19.33	0.55	11.66	70.53	3.02	-10.19	-6.72	1.25	3.38	2.20	-5.05	-10.70
MRBLD1FB120_SIN		0.00	-243.17	87.21	131.15	32.06	0.76	-21.97	-34.43	11.68	-2.96	-12.99	-1.20	-5.89	-3.87	20.68	-9.33
MRBLD1FB164_COS		-184.92	58.47	-356.17	57.10	136.71	63.26	4.16	-102.16	-6.70	12.49	4.85	-2.03	-1.58	0.35	4.24	4.17
MRBLD1FB164_SIN		0.00	-305.50	94.00	164.70	28.99	-10.36	22.94	36.60	-21.66	1.97	21.17	-2.22	0.66	2.48	-8.60	4.98

RUN	POINT	Harmonics															
44	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-214.04	2.32	-205.31	23.70	107.29	44.71	-20.42	-96.56	16.99	19.85	-18.33	-14.49	9.82	9.37	-8.43	-14.65
MRBLD1FB180_SIN		0.00	-212.52	61.54	79.72	17.22	-6.81	23.66	42.83	-20.97	-3.58	43.85	-4.90	-2.14	-7.21	21.33	-11.43
MRBLD1TOR51_COS		-1415.02	72.15	-24.80	76.06	-11.44	-19.28	2.24	-41.98	7.78	6.04	-7.29	-1.30	3.17	2.50	-4.81	1.37
MRBLD1TOR51_SIN		0.00	-79.36	6.71	29.48	8.94	1.18	6.14	36.73	-1.67	-5.01	-1.84	-4.70	0.97	0.81	2.47	-6.71
MRBLD1TOR71_COS		-269.99	85.56	-31.89	53.51	-0.94	-9.37	8.01	-24.08	5.87	2.42	-9.21	-1.80	2.89	3.55	-3.21	0.13
MRBLD1TOR71_SIN		0.00	-79.50	2.34	10.66	-2.77	2.22	8.87	39.81	6.86	-0.36	3.68	-4.56	-0.04	0.50	0.63	-3.74
MRBLD1TOR130_COS		-28.34	76.02	-10.06	30.32	13.58	-5.29	6.46	-23.23	4.16	3.09	3.74	-1.49	-0.27	-0.62	-2.42	-2.65
MRBLD1TOR130_SIN		0.00	-64.52	-0.18	0.32	-0.50	6.33	10.35	29.41	2.27	-0.63	4.16	8.30	2.75	0.34	-2.27	2.92
MRBLD1TOR164_COS		-225.74	40.95	49.37	5.17	-5.85	-13.41	-2.19	-4.88	4.09	3.31	-0.14	-0.45	1.24	2.00	-3.94	-2.55
MRBLD1TOR164_SIN		0.00	-24.86	-6.11	-25.96	-7.82	3.22	8.40	19.23	4.01	-0.52	5.25	5.45	2.66	-0.09	-1.94	-1.95
MRFBM1CB26P5_COS		-4809.93	-475.39	-41.44	84.10	1.73	-7.34	3.55	-14.27	2.25	0.09	5.42	0.38	0.02	0.56	-4.35	-0.40
MRFBM1CB26P5_SIN		0.00	-70.65	-1.04	-18.44	-22.29	-12.46	-12.84	-9.71	-9.30	-3.33	-2.27	3.25	1.17	0.80	1.34	-2.93
MRFBM1FB9_COS		339.21	-144.59	170.14	-97.77	24.61	13.64	6.48	16.01	-2.11	-2.80	-4.46	0.35	0.21	0.37	2.05	-1.35
MRFBM1FB9_SIN		0.00	-23.42	35.21	-86.87	-12.95	0.24	4.57	9.15	6.13	1.89	1.53	-1.96	-0.90	-0.14	0.27	1.45
MRFBM1TOR26P5_COS		-354.59	80.52	-0.49	0.31	-0.27	-0.01	0.02	-0.17	0.14	0.00	-0.12	0.04	0.03	-0.01	0.21	0.08
MRFBM1TOR26P5_SIN		0.00	-94.58	0.16	0.14	0.08	-0.25	0.29	0.14	0.22	0.08	-0.06	-0.17	0.03	0.10	0.05	0.05

RUN	POINT	Harmonics															
44	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1079.12	-1123.96	-81.66	274.66	-38.93	-51.91	-25.12	-133.36	22.34	22.13	27.47	3.43	-0.70	-4.77	-33.25	0.31
MRPC1CB33P25_SIN		0.00	-24.36	-26.22	18.10	65.74	-19.09	-2.84	-24.38	-58.00	-14.03	-71.14	34.55	10.16	4.17	14.14	-20.62
MRPC1FB33P25_COS		2292.00	85.68	-357.44	393.10	-136.76	-88.77	-73.77	-287.40	-27.12	28.96	96.45	17.03	11.13	1.04	-79.81	0.96
MRPC1FB33P25_SIN		0.00	157.87	-84.33	200.57	60.84	27.61	-19.28	-82.00	-129.16	-93.71	-37.85	53.28	23.14	13.72	26.88	-65.48
MRPC1TOR25P5_COS		-770.43	-60.13	-8.34	-72.97	5.05	9.28	-11.34	31.46	-9.52	-2.88	14.04	1.61	-4.62	-2.89	-10.73	-5.87
MRPC1TOR25P5_SIN		0.00	140.03	-55.54	-5.53	1.45	1.70	-5.90	-45.21	-7.05	3.65	-3.80	14.26	-0.28	0.05	-3.81	-0.80
MRPLK1LOAD_COS		-83.60	1.83	0.71	-8.68	1.10	1.82	-0.97	5.64	-1.04	-0.48	2.14	-0.31	-0.61	-0.40	-1.83	-1.19
MRPLK1LOAD_SIN		0.00	-9.14	-3.29	-2.39	-0.67	0.58	-1.21	-5.59	-0.49	0.05	0.27	1.96	-0.36	-0.28	-1.57	0.03
PITCHRH_COS		11026.01	-8715.04	-423.40	-37.26	-69.32	-443.19	-144.50	-91.42	49.27	-6.96	62.76	-83.00	14.76	32.85	-19.32	-439.87
PITCHRH_SIN		0.00	2285.52	-718.77	102.07	-72.28	301.82	56.81	84.29	-52.09	-93.37	-250.50	4.63	-0.96	69.79	-17.77	142.58
ROLLRH_COS		1692.58	-1920.28	765.89	-39.51	-260.38	-699.83	-153.34	-39.23	121.98	89.03	295.67	-42.00	7.14	46.03	17.29	-528.06
ROLLRH_SIN		0.00	-8335.14	-548.77	-48.08	112.38	148.12	-238.01	-34.48	33.26	-33.53	10.49	-60.87	25.98	-28.79	-19.48	-553.59
TORQ_COS		30452.99	398.70	-2.36	-5.60	-81.13	62.55	-1.24	12.39	-26.07	1.14	1.15	1.64	1.18	-3.24	-4.62	16.79
TORQ_SIN		0.00	712.98	-25.88	7.94	-92.93	67.73	1.61	32.55	3.65	-10.27	4.06	1.10	-6.70	4.42	-12.42	-14.25
THRUST_COS		5863.55	-55.49	7.03	8.15	16.59	38.04	1.56	13.50	-2.92	-5.89	-24.58	2.50	0.11	-3.17	-1.18	5.59
THRUST_SIN		0.00	-58.18	7.98	10.34	32.16	-31.34	7.29	17.75	0.78	3.32	23.40	-4.69	0.20	-1.51	-4.85	41.81

RUN	POINT	Harmonics															
44	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.87	27.71	-18.15	-1.56	6.53	41.64	7.72	-0.46	-2.27	-4.19	-12.16	2.22	-0.46	-1.67	-0.71	15.57
SIDERH_SIN		0.00	175.18	11.63	2.44	-63.16	-65.05	14.90	-0.71	-0.45	2.72	-0.56	3.61	-0.70	1.07	0.06	16.02
DRAGRH_COS		-128.54	228.24	13.00	-1.27	-10.85	44.41	-2.26	-4.03	-0.74	-1.15	2.17	5.40	-0.69	-0.79	0.44	18.40
DRAGRH_SIN		0.00	-60.33	15.98	-0.72	6.09	45.84	-23.32	-1.04	5.68	4.44	13.47	-4.18	1.59	-1.67	-0.14	-6.22

RUN	POINT	Harmonics															
44	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.61	0.14	-0.12	-3.29	-2.72	-0.63	-0.03	0.81	0.26	0.00	0.03	0.21	0.29	0.14	0.17	-0.03
ACT1FORCE_SIN		0.00	10.56	1.65	0.74	0.41	-0.88	-0.69	-0.29	0.09	0.15	-0.16	0.07	0.07	-0.10	0.08	0.08
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.44	-12.79	-3.09	30.99	25.09	5.93	0.73	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-80.01	-12.15	-6.35	-3.83	6.83	8.77	-0.04	-0.02	-0.01	-0.01	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.63	12.90	3.14	-31.02	-25.16	-6.00	-0.79	-0.03	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	80.15	12.20	6.45	3.93	-6.80	-8.79	0.03	0.00	0.00	0.01	0.00	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4231.74	-1321.80	-8.34	242.91	-35.97	-63.38	-38.01	-149.07	39.74	38.31	34.29	1.68	-11.31	-7.34	-36.87	-3.93
MRBLD1CB42P75_SIN		0.00	-364.69	-44.28	60.57	153.56	-18.13	12.99	-10.41	-50.83	10.59	-98.67	49.30	14.06	5.31	22.81	-18.05

RUN	POINT	Harmonics															
44	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2794.05	-817.70	274.16	143.55	-11.56	-44.30	-53.21	-104.10	28.01	35.70	11.31	6.10	-7.83	-1.25	-25.10	-3.02
MRBLD1CB70_SIN		0.00	-198.19	-65.71	96.83	291.01	6.93	60.43	25.21	-29.61	11.83	-73.82	27.13	8.40	1.95	16.45	-20.40
MRBLD1CB120_COS		-465.51	-344.97	413.35	141.78	9.59	2.20	-39.66	-38.33	-29.76	-5.95	5.56	3.67	6.81	5.88	-0.61	2.64
MRBLD1CB120_SIN		0.00	34.82	-149.21	18.65	271.85	22.44	78.76	36.54	-4.25	-19.06	64.02	-15.87	1.67	2.97	-4.15	-8.61
MRBLD1CB164_COS		-1947.83	-115.34	133.63	31.08	-35.11	5.76	1.10	33.46	-31.92	-11.48	4.64	0.92	9.34	2.70	15.09	-3.63
MRBLD1CB164_SIN		0.00	65.35	-53.33	18.56	112.96	18.72	26.75	11.78	-1.36	-31.39	63.51	-6.49	6.11	2.88	-6.31	17.63
MRBLD1FB42P75_COS		3240.72	179.87	-422.26	490.48	-86.37	-75.90	-87.40	-327.42	-98.46	-28.65	75.90	52.13	28.21	17.70	-7.87	-56.28
MRBLD1FB42P75_SIN		0.00	87.30	-6.70	115.80	109.82	71.93	15.04	77.66	-97.34	-93.57	-93.83	39.05	13.74	13.44	84.00	-28.93
MRBLD1FB70_COS		413.01	0.39	-195.83	137.27	-37.74	-17.00	-8.48	-47.30	-2.03	3.45	-1.52	-1.38	-2.18	-3.40	3.77	13.49
MRBLD1FB70_SIN		0.00	-202.81	18.44	29.27	23.04	3.37	5.96	21.53	-7.03	1.92	1.54	1.52	1.83	-1.24	-18.30	6.15
MRBLD1FB87_COS		-82.66	28.34	-160.60	38.99	-45.35	-22.85	-3.93	31.44	15.46	8.93	-9.44	-10.11	-4.33	-3.32	-1.41	7.01
MRBLD1FB87_SIN		0.00	-200.29	44.13	54.11	14.63	-0.70	-3.74	-8.27	9.10	12.18	23.54	-8.02	-1.53	-0.37	-15.75	5.40
MRBLD1FB120_COS		-486.00	29.25	-241.58	-1.23	-21.93	-1.18	11.22	68.66	3.13	-9.41	-4.58	2.16	4.24	4.56	-1.36	-12.27
MRBLD1FB120_SIN		0.00	-247.79	90.11	126.23	34.49	2.86	-17.66	-33.80	12.27	-1.60	-11.55	0.62	-4.29	-2.39	22.83	-9.25
MRBLD1FB164_COS		-189.95	64.63	-341.47	47.97	121.34	62.08	5.63	-100.54	-7.52	11.70	1.79	-2.49	-2.70	-1.05	2.40	4.56
MRBLD1FB164_SIN		0.00	-310.42	97.42	155.78	17.75	-17.48	16.73	36.16	-21.47	0.94	19.94	-3.81	-0.48	1.69	-9.67	4.61

RUN	POINT	Harmonics															
44	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.65	7.05	-195.01	19.21	97.60	44.91	-19.68	-95.73	16.69	17.85	-25.84	-14.14	11.46	12.22	-4.49	-16.18
MRBLD1FB180_SIN		0.00	-215.90	62.82	74.56	8.57	-12.04	17.99	43.17	-20.95	-5.23	44.46	-6.25	-1.97	-6.08	24.38	-10.38
MRBLD1TOR51_COS		-1414.79	70.95	-26.47	74.12	-8.82	-22.39	0.04	-41.06	7.93	6.21	-8.54	-1.39	3.01	2.79	-4.47	0.90
MRBLD1TOR51_SIN		0.00	-79.64	8.09	28.50	11.76	1.16	2.51	37.33	-1.83	-5.14	-1.93	-4.61	1.15	1.35	4.27	-6.79
MRBLD1TOR71_COS		-270.01	86.17	-32.76	52.41	0.42	-12.27	6.17	-23.36	6.20	2.67	-10.78	-1.63	2.90	3.84	-3.10	0.18
MRBLD1TOR71_SIN		0.00	-77.09	3.25	10.38	-0.70	1.72	5.69	39.82	6.28	-1.01	2.63	-4.80	-0.26	0.71	1.18	-4.07
MRBLD1TOR130_COS		-28.66	76.32	-9.98	29.61	13.02	-7.42	5.48	-22.32	4.46	3.32	4.07	-1.54	-0.19	-0.39	-3.08	-2.71
MRBLD1TOR130_SIN		0.00	-63.73	0.47	0.61	-0.39	5.33	7.80	29.34	2.22	-0.36	4.62	8.78	2.95	0.84	-3.08	2.91
MRBLD1TOR164_COS		-225.08	39.98	48.00	5.77	-4.35	-14.39	-2.95	-4.33	4.69	3.44	-0.53	-0.30	1.49	2.28	-4.05	-2.44
MRBLD1TOR164_SIN		0.00	-24.33	-6.77	-24.29	-5.70	3.69	7.55	19.46	4.06	-0.50	5.27	5.86	3.20	1.10	-1.59	-2.12
MRFBM1CB26P5_COS		-4794.41	-522.22	-42.26	82.36	3.12	-8.01	3.54	-15.26	1.45	0.07	7.36	0.01	0.36	-0.28	-4.59	-0.19
MRFBM1CB26P5_SIN		0.00	-231.46	3.42	-20.24	-23.01	-10.56	-13.93	-9.76	-9.27	-2.61	-2.29	3.83	1.01	1.27	1.37	-2.97
MRFBM1FB9_COS		333.46	-72.95	165.78	-93.96	19.78	13.06	6.78	15.91	-1.98	-2.62	-4.63	0.64	0.48	0.52	2.29	-1.08
MRFBM1FB9_SIN		0.00	92.95	29.23	-80.96	-16.61	-0.65	4.93	8.78	5.88	1.52	0.69	-2.17	-1.09	-0.36	-0.10	1.63
MRFBM1TOR26P5_COS		-354.26	88.67	-0.58	0.37	-0.42	0.05	-0.08	-0.14	0.11	0.01	-0.16	0.04	0.05	-0.03	0.25	0.05
MRFBM1TOR26P5_SIN		0.00	-98.80	0.17	0.22	-0.02	-0.28	0.25	0.10	0.23	0.05	-0.03	-0.21	0.04	0.04	0.09	0.06

RUN	POINT	Harmonics															
44	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1054.45	-1228.55	-86.53	264.63	-33.96	-52.07	-25.43	-132.75	19.03	24.43	37.46	2.73	-3.01	-4.25	-33.72	-3.19
MRPC1CB33P25_SIN		0.00	-309.96	-18.80	10.34	66.37	-14.50	-5.28	-21.24	-53.41	-9.61	-57.90	38.10	12.99	7.38	20.31	-20.97
MRPC1FB33P25_COS		2284.89	102.76	-360.25	378.83	-100.63	-83.33	-73.59	-284.02	-26.94	29.11	109.14	12.98	9.06	0.30	-82.12	-6.65
MRPC1FB33P25_SIN		0.00	241.74	-82.00	186.70	79.84	36.61	-20.78	-73.84	-119.83	-82.76	-27.36	61.12	28.80	23.26	42.38	-67.46
MRPC1TOR25P5_COS		-765.06	-52.30	-14.44	-71.08	2.54	11.71	-8.13	30.50	-9.90	-2.27	16.77	1.53	-5.10	-2.38	-12.40	-5.93
MRPC1TOR25P5_SIN		0.00	141.03	-61.68	-5.59	-2.55	1.72	-2.41	-45.73	-6.37	4.13	-2.41	15.53	-0.32	0.75	-4.97	-1.63
MRPLK1LOAD_COS		-83.79	3.65	0.94	-8.51	0.80	2.16	-0.61	5.55	-1.08	-0.38	2.49	-0.30	-0.62	-0.35	-2.13	-1.13
MRPLK1LOAD_SIN		0.00	-11.12	-3.22	-2.40	-0.92	0.69	-0.72	-5.55	-0.36	0.15	0.42	2.09	-0.34	-0.12	-1.94	-0.08
PITCHRH_COS		9754.49	-8690.65	-371.83	-26.41	-33.56	-325.75	-149.64	-78.70	62.84	-30.40	72.90	-90.61	37.77	-28.67	-20.29	-422.72
PITCHRH_SIN		0.00	2272.95	-700.47	81.01	-67.49	308.49	57.63	116.89	16.48	-103.60	-219.51	6.05	0.18	85.16	-7.28	163.48
ROLLRH_COS		-486.76	-1901.24	764.76	-49.14	-237.79	-766.12	-171.39	-50.52	73.86	95.09	308.09	-43.15	5.16	25.51	-25.65	-539.72
ROLLRH_SIN		0.00	-8338.75	-541.09	-39.43	118.87	345.47	-245.47	-13.77	63.71	-40.35	22.39	-58.44	18.47	4.05	-35.67	-493.78
TORQ_COS		30760.88	412.13	-3.98	-3.22	-71.24	64.00	-3.04	17.96	-18.46	-0.83	-5.89	0.12	0.50	-1.42	-4.50	11.48
TORQ_SIN		0.00	694.03	-21.15	18.01	-72.43	63.18	3.67	37.08	3.36	-7.19	6.48	4.63	-6.37	5.97	-11.32	-12.87
THRUST_COS		5846.83	-56.12	5.16	11.00	15.38	35.66	2.20	21.36	-2.83	-5.62	-31.53	3.46	-1.77	0.66	1.60	7.44
THRUST_SIN		0.00	-61.67	8.17	10.37	29.02	-33.32	6.85	14.22	-2.63	1.96	24.37	-3.96	0.13	-1.59	-5.39	41.22

RUN	POINT	Harmonics															
44	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.16	25.48	-17.92	-3.57	4.33	34.02	9.24	-0.09	-0.72	-4.33	-11.98	2.13	-0.08	-0.63	0.54	15.84
SIDERH_SIN		0.00	177.92	11.82	2.04	-58.28	-80.10	13.85	-0.23	-1.40	2.87	-0.94	3.43	-0.77	-0.28	0.49	13.87
DRAGRH_COS		-144.67	228.38	9.77	-1.88	-8.94	55.51	-7.76	-2.25	-4.59	0.84	1.42	5.29	-1.21	0.39	0.00	17.43
DRAGRH_SIN		0.00	-59.51	14.47	0.06	5.85	56.83	-22.94	-0.64	4.21	5.77	10.86	-3.21	0.53	-3.33	-0.34	-7.03

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	60																
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.94	0.13	-0.37	-3.22	-2.79	-0.54	0.08	0.74	0.25	-0.02	0.07	0.24	0.26	0.11	0.17	-0.04
ACT1FORCE_SIN		0.00	10.54	1.69	0.77	0.21	-0.88	-0.62	-0.32	0.12	0.10	-0.17	0.05	0.10	-0.09	0.02	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.35	-12.95	-1.33	30.97	24.67	5.64	0.67	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-80.19	-12.20	-7.07	-2.65	7.37	8.50	-0.06	-0.02	-0.02	-0.02	0.01	0.02	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.71	13.02	1.37	-31.01	-24.74	-5.69	-0.71	-0.02	0.00	0.00	-0.01	-0.02	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	80.34	12.25	7.13	2.71	-7.36	-8.53	0.04	0.00	0.02	0.01	-0.01	-0.01	-0.02	0.00	0.01
MRBLD1CB42P75_COS		-4191.11	-1416.54	12.02	262.37	-59.42	-72.62	-35.13	-151.62	39.20	37.57	21.65	3.98	-5.09	-7.93	-45.70	0.43
MRBLD1CB42P75_SIN		0.00	-491.93	-58.86	79.64	140.67	-17.98	16.05	21.02	-51.81	8.81	-79.94	38.67	11.10	4.27	22.66	-25.53

RUN	POINT	Harmonics															
44	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2830.04	-878.53	283.48	160.88	-30.78	-54.99	-57.97	-104.18	24.92	35.79	5.30	5.90	-2.29	-4.51	-34.50	1.48
MRBLD1CB70_SIN		0.00	-288.61	-69.74	115.23	268.76	4.63	54.65	43.99	-32.50	10.59	-61.68	21.03	6.10	2.05	16.98	-25.34
MRBLD1CB120_COS		-452.69	-372.39	416.42	153.52	-15.79	-6.49	-47.97	-36.23	-35.10	-6.50	11.44	3.70	4.77	6.70	-0.41	3.98
MRBLD1CB120_SIN		0.00	-12.29	-143.85	31.65	250.82	21.06	64.01	41.37	-5.08	-17.67	50.27	-12.74	1.97	2.65	-4.25	-8.29
MRBLD1CB164_COS		-1946.00	-120.82	135.55	36.38	-44.37	5.18	-2.38	36.48	-33.81	-13.36	10.55	1.94	4.83	4.12	20.71	-7.53
MRBLD1CB164_SIN		0.00	52.74	-51.48	23.80	102.34	16.46	15.35	3.72	-1.73	-31.77	51.03	-4.88	5.62	1.48	-6.52	19.24
MRBLD1FB42P75_COS		3217.20	214.05	-408.74	541.09	-160.78	-94.61	-80.95	-312.70	-106.47	-38.36	60.84	45.76	28.79	15.72	-18.54	-60.24
MRBLD1FB42P75_SIN		0.00	112.02	-14.96	123.68	101.23	80.50	15.11	128.81	-99.19	-92.13	-85.10	24.28	8.62	11.97	103.41	-42.34
MRBLD1FB70_COS		407.93	0.82	-190.10	154.03	-60.51	-21.82	-6.85	-44.08	-2.64	3.11	-0.80	-0.86	-2.37	-3.58	5.72	14.26
MRBLD1FB70_SIN		0.00	-202.31	14.60	35.16	20.12	7.37	7.10	31.79	-6.17	2.70	2.75	2.79	2.83	-0.79	-21.84	9.24
MRBLD1FB87_COS		-85.25	29.07	-156.80	48.86	-53.56	-23.06	-3.63	30.42	16.63	10.47	-6.70	-8.43	-3.78	-2.37	0.82	7.61
MRBLD1FB87_SIN		0.00	-197.15	40.96	57.61	12.84	0.71	-3.47	-12.79	9.72	12.09	20.43	-5.19	-0.57	0.09	-19.88	7.90
MRBLD1FB120_COS		-485.74	31.27	-240.08	10.25	-18.12	2.14	9.58	63.62	3.69	-8.92	-5.45	1.63	4.35	4.07	-3.92	-12.08
MRBLD1FB120_SIN		0.00	-241.38	84.11	128.68	33.70	-0.85	-19.29	-47.99	11.11	-2.20	-11.00	-0.78	-5.12	-3.13	28.58	-13.20
MRBLD1FB164_COS		-193.63	66.07	-345.29	64.58	148.36	66.53	8.08	-95.45	-7.36	10.07	2.21	-2.65	-2.75	-0.42	3.88	4.35
MRBLD1FB164_SIN		0.00	-299.90	88.80	156.01	31.98	-21.00	18.06	55.92	-20.83	2.26	18.03	-2.57	-0.21	2.29	-12.64	7.02

RUN	POINT	Harmonics															
44	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.91	7.63	-197.55	26.77	114.78	46.20	-17.84	-90.87	16.07	17.70	-24.19	-13.67	9.61	10.75	-7.43	-15.40
MRBLD1FB180_SIN		0.00	-208.03	58.03	74.23	18.15	-12.17	19.21	60.35	-21.11	-5.35	37.37	-3.07	-2.70	-6.79	32.26	-14.54
MRBLD1TOR51_COS		-1419.13	69.73	-21.85	78.75	-14.73	-21.05	5.95	-37.57	6.62	4.79	-7.76	-1.24	2.93	2.06	-7.29	1.31
MRBLD1TOR51_SIN		0.00	-82.46	7.52	34.19	8.60	0.48	5.68	49.91	-1.69	-6.37	-3.81	-4.36	0.92	0.86	4.91	-7.04
MRBLD1TOR71_COS		-272.79	85.98	-28.91	54.64	-2.60	-10.39	11.05	-19.79	5.29	1.69	-9.55	-1.96	2.67	3.40	-4.44	0.57
MRBLD1TOR71_SIN		0.00	-77.93	3.02	14.62	-2.12	1.05	8.62	48.88	6.67	-1.69	0.75	-4.00	-0.24	0.57	1.56	-3.93
MRBLD1TOR130_COS		-30.74	75.54	-7.02	30.65	13.16	-6.36	8.77	-19.61	3.54	2.31	3.11	-1.69	0.03	-0.24	-1.87	-2.64
MRBLD1TOR130_SIN		0.00	-65.12	-0.11	3.04	1.14	4.78	9.20	37.52	2.50	-0.62	4.32	8.20	2.92	1.20	-3.44	2.71
MRBLD1TOR164_COS		-225.45	39.04	49.36	4.28	-7.39	-15.60	-1.92	-2.65	4.81	3.57	-0.69	-1.02	1.40	2.57	-4.04	-1.87
MRBLD1TOR164_SIN		0.00	-27.23	-5.84	-23.98	-7.59	4.26	7.59	21.31	3.55	-0.45	4.94	5.65	2.76	0.89	-1.71	-2.50
MRFBM1CB26P5_COS		-4770.64	-570.05	-33.19	84.92	-0.51	-7.42	5.76	-15.80	1.89	-0.22	5.95	0.49	0.23	0.48	-5.14	0.02
MRFBM1CB26P5_SIN		0.00	-296.85	-1.83	-18.02	-19.25	-10.55	-12.17	-5.80	-8.58	-2.85	-1.74	2.96	0.93	1.11	1.64	-3.31
MRFBM1FB9_COS		307.42	-15.04	153.77	-105.89	27.13	14.92	5.58	17.23	-1.81	-2.43	-4.02	0.12	0.17	0.53	2.91	-1.63
MRFBM1FB9_SIN		0.00	111.29	33.87	-88.50	-12.30	-0.34	4.62	5.87	6.19	1.77	0.78	-1.85	-1.20	-0.33	0.14	1.73
MRFBM1TOR26P5_COS		-354.25	89.07	-0.62	0.37	-0.35	0.08	0.02	-0.12	0.11	0.03	-0.12	0.06	0.03	-0.04	0.21	0.02
MRFBM1TOR26P5_SIN		0.00	-98.29	0.29	0.27	-0.10	-0.25	0.28	0.16	0.24	0.04	-0.02	-0.19	0.04	0.03	0.11	0.05

RUN	POINT	Harmonics															
44	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1022.69	-1310.48	-67.32	280.02	-57.28	-57.08	-19.50	-133.69	17.81	22.74	27.18	5.11	0.39	-3.65	-41.70	0.74
MRPC1CB33P25_SIN		0.00	-411.06	-35.37	24.05	61.48	-13.60	-2.54	6.47	-54.35	-10.93	-47.63	29.27	10.79	5.92	21.40	-27.22
MRPC1FB33P25_COS		2263.54	132.40	-350.28	419.86	-159.04	-100.96	-69.76	-293.74	-32.84	21.36	92.51	17.63	13.02	0.11	-104.61	3.18
MRPC1FB33P25_SIN		0.00	265.23	-86.43	201.83	55.43	38.49	-19.10	-27.52	-124.85	-86.62	-29.28	46.33	25.36	20.94	44.87	-78.82
MRPC1TOR25P5_COS		-761.55	-47.18	-21.39	-74.43	6.41	9.64	-15.04	25.42	-8.82	-1.27	13.68	0.87	-3.85	-1.70	-10.46	-4.26
MRPC1TOR25P5_SIN		0.00	144.23	-59.66	-10.96	-1.73	2.80	-5.63	-57.90	-7.13	4.95	0.64	12.88	-0.59	1.86	-6.78	-3.55
MRPLK1LOAD_COS		-83.29	3.65	0.41	-9.07	1.51	1.88	-1.50	4.90	-0.92	-0.27	2.03	-0.41	-0.44	-0.23	-1.58	-0.78
MRPLK1LOAD_SIN		0.00	-10.92	-3.13	-3.04	-0.71	0.71	-1.10	-7.27	-0.54	0.34	0.72	1.74	-0.31	0.09	-2.27	-0.24
PITCHRH_COS		8773.04	-8672.96	-372.98	-32.71	-23.15	-598.11	-155.00	-50.85	13.90	3.34	90.48	-90.88	15.59	-42.17	-14.35	-425.21
PITCHRH_SIN		0.00	2311.70	-696.20	91.02	-60.05	404.74	36.60	103.69	-21.98	-79.04	-228.45	20.85	1.48	51.12	-15.50	174.04
ROLLRH_COS		-898.27	-1960.25	758.83	-25.18	-238.36	-790.36	-161.02	17.67	98.48	69.74	317.86	-38.27	-26.40	46.42	-22.92	-541.43
ROLLRH_SIN		0.00	-8286.62	-498.66	-14.91	94.48	-111.56	-234.09	-36.54	33.76	25.00	-15.67	-67.52	20.38	5.87	-52.97	-543.23
TORQ_COS		31321.49	403.28	-0.18	-2.57	-50.39	70.90	-3.07	15.36	-23.17	-2.32	-4.08	0.54	3.16	-3.74	-4.18	11.93
TORQ_SIN		0.00	692.78	-27.36	10.77	-75.85	60.80	2.97	24.29	-3.17	-9.77	1.45	5.19	-5.57	6.19	-8.94	-19.02
THRUST_COS		5774.37	-56.59	6.55	9.21	10.84	43.59	2.65	13.40	-1.10	-5.78	-29.81	2.41	0.83	0.58	2.89	5.39
THRUST_SIN		0.00	-62.30	7.23	8.41	29.84	-36.12	8.10	8.84	0.90	0.42	24.26	-3.83	1.52	0.30	-6.81	41.77

RUN	POINT	Harmonics															
44	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.50	33.09	-16.56	-2.29	7.16	55.09	9.16	-1.74	-1.55	-3.96	-12.40	2.16	0.98	-1.25	0.56	15.92
SIDERH_SIN		0.00	171.58	10.21	1.92	-52.96	-52.65	14.17	-0.78	-0.17	-0.35	0.52	3.87	-0.97	-0.37	1.22	15.10
DRAGRH_COS		-150.83	226.93	10.61	-3.19	-8.34	20.67	-7.60	-2.54	0.23	-1.21	1.91	4.80	-1.63	1.91	0.06	17.52
DRAGRH_SIN		0.00	-61.01	14.78	-0.18	7.87	41.53	-24.37	0.28	3.29	2.89	12.16	-4.45	-0.35	-1.83	-0.08	-7.50

RUN	POINT	Harmonics															
44	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.10	0.16	-0.20	-3.23	-2.78	-0.56	0.07	0.78	0.26	-0.03	0.06	0.23	0.27	0.10	0.15	-0.02
ACT1FORCE_SIN		0.00	10.50	1.68	0.76	0.29	-0.93	-0.67	-0.36	0.13	0.15	-0.18	0.07	0.09	-0.09	0.02	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.63	-13.63	-3.05	30.86	24.88	5.58	0.21	0.02	-0.01	0.00	0.02	0.02	0.01	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-80.36	-11.78	-6.05	-3.45	7.28	9.41	-0.05	-0.02	-0.01	-0.03	0.00	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.47	13.74	3.10	-30.89	-24.94	-5.65	-0.28	-0.02	0.00	0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	80.51	11.83	6.14	3.55	-7.26	-9.44	0.04	0.01	0.00	0.02	0.00	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4221.85	-1448.51	2.48	257.91	-50.54	-66.95	-33.49	-161.24	36.35	37.41	27.83	4.20	-8.73	-7.06	-41.15	-3.56
MRBLD1CB42P75_SIN		0.00	-486.78	-60.05	78.98	146.17	-8.61	16.52	16.18	-57.79	12.12	-97.85	50.85	13.63	5.02	22.01	-20.28

RUN	POINT	Harmonics															
44	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2810.46	-897.79	279.92	154.00	-19.16	-43.57	-51.75	-110.24	22.79	34.91	6.08	6.48	-5.22	-1.49	-29.41	-1.68
MRBLD1CB70_SIN		0.00	-284.94	-72.24	114.10	282.08	24.88	53.87	39.66	-35.82	12.74	-74.85	27.70	6.25	0.83	14.44	-19.83
MRBLD1CB120_COS		-457.82	-376.75	416.01	148.08	-1.81	6.52	-39.78	-36.73	-35.23	-6.17	8.84	3.45	5.97	6.51	-0.72	2.06
MRBLD1CB120_SIN		0.00	-12.40	-148.67	32.17	264.01	43.33	63.98	39.54	-2.04	-21.82	60.92	-17.65	1.24	2.39	-4.22	-7.95
MRBLD1CB164_COS		-1946.61	-120.71	135.65	34.21	-38.30	9.58	1.01	39.38	-33.63	-11.95	9.41	1.46	6.92	1.82	17.95	-3.75
MRBLD1CB164_SIN		0.00	52.26	-53.23	25.52	108.64	25.72	16.18	4.77	1.17	-35.10	61.70	-8.41	6.06	2.65	-5.37	15.75
MRBLD1FB42P75_COS		3233.92	219.96	-420.19	537.88	-141.38	-86.96	-79.65	-331.51	-112.84	-40.87	69.63	53.03	29.59	17.84	-14.31	-57.98
MRBLD1FB42P75_SIN		0.00	109.68	-11.85	143.10	102.78	76.85	17.29	130.94	-99.44	-100.87	-99.57	31.95	11.17	11.56	93.27	-28.50
MRBLD1FB70_COS		410.63	1.04	-193.99	152.63	-53.60	-18.47	-5.88	-46.96	-2.74	4.03	-0.48	-0.32	-1.79	-3.50	5.21	13.84
MRBLD1FB70_SIN		0.00	-202.47	15.42	40.36	20.56	6.62	7.03	31.51	-6.84	2.40	2.45	2.61	2.85	-0.65	-19.91	6.38
MRBLD1FB87_COS		-84.11	29.99	-158.36	48.30	-50.80	-22.47	-3.97	31.36	16.77	10.31	-8.93	-11.02	-4.95	-3.91	-1.00	6.64
MRBLD1FB87_SIN		0.00	-197.45	41.67	60.32	12.92	0.29	-3.56	-12.91	9.72	13.55	24.46	-6.89	-0.83	0.42	-17.69	5.04
MRBLD1FB120_COS		-486.74	29.88	-241.47	9.61	-19.08	0.21	9.09	68.25	4.81	-9.28	-4.94	2.77	4.91	5.72	-1.86	-11.10
MRBLD1FB120_SIN		0.00	-240.00	86.72	132.10	34.53	-1.00	-19.69	-48.04	11.67	-2.23	-12.67	-0.52	-5.51	-3.17	25.97	-8.35
MRBLD1FB164_COS		-191.62	62.88	-348.31	64.87	139.19	62.67	7.43	-101.63	-8.10	11.59	2.18	-3.53	-2.96	-1.07	2.84	4.78
MRBLD1FB164_SIN		0.00	-296.05	92.47	159.93	31.09	-19.93	19.72	55.93	-20.67	2.30	20.61	-3.56	-0.74	1.94	-11.74	4.07

RUN	POINT	Harmonics															
44	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.05	5.90	-199.36	27.11	108.66	44.73	-17.82	-96.70	15.49	19.07	-26.16	-15.43	11.78	14.16	-4.58	-14.65
MRBLD1FB180_SIN		0.00	-205.36	60.57	76.05	17.19	-10.74	21.45	61.39	-21.01	-4.09	44.65	-7.79	-4.59	-7.41	28.19	-9.38
MRBLD1TOR51_COS		-1416.84	69.17	-24.62	78.72	-13.31	-21.78	4.43	-40.57	6.17	5.07	-8.70	-0.77	3.80	2.95	-6.00	0.33
MRBLD1TOR51_SIN		0.00	-81.80	6.07	34.63	9.59	-0.07	5.30	49.95	-1.35	-5.71	-2.87	-5.06	1.17	1.37	4.52	-6.86
MRBLD1TOR71_COS		-271.24	85.64	-31.25	54.78	-2.16	-11.57	9.56	-21.78	5.14	1.92	-10.74	-1.58	3.47	4.20	-3.78	-0.16
MRBLD1TOR71_SIN		0.00	-77.59	1.66	14.52	-1.81	0.06	8.13	49.28	7.15	-0.92	2.21	-4.94	-0.34	1.07	1.47	-3.73
MRBLD1TOR130_COS		-29.52	75.14	-8.65	30.86	12.82	-7.45	7.70	-21.25	3.42	2.72	4.16	-1.96	-0.50	-0.24	-2.19	-2.23
MRBLD1TOR130_SIN		0.00	-64.63	-1.14	2.50	0.92	3.96	8.72	37.55	2.59	-0.71	4.20	8.86	2.30	0.77	-3.33	3.01
MRBLD1TOR164_COS		-225.40	38.97	49.33	4.56	-6.39	-15.27	-2.07	-3.32	4.59	3.65	-0.39	-0.62	1.38	2.87	-3.72	-2.21
MRBLD1TOR164_SIN		0.00	-27.00	-6.83	-24.98	-7.19	4.04	7.61	21.67	3.65	-0.48	5.10	5.75	2.23	0.53	-1.64	-1.42
MRFBM1CB26P5_COS		-4789.61	-583.80	-37.81	85.54	-0.79	-9.24	4.22	-17.36	1.54	-0.32	7.30	0.37	0.19	-0.08	-4.90	-0.69
MRFBM1CB26P5_SIN		0.00	-294.47	-2.52	-18.73	-22.30	-12.33	-11.76	-6.10	-9.53	-3.15	-2.29	3.61	1.25	1.55	1.85	-3.24
MRFBM1FB9_COS		323.97	-12.94	161.09	-103.18	25.28	13.95	5.82	18.01	-1.70	-2.49	-4.61	0.43	0.35	0.51	2.58	-1.21
MRFBM1FB9_SIN		0.00	105.11	35.59	-92.17	-13.53	-1.00	4.46	6.84	6.49	1.92	0.89	-2.12	-1.22	-0.27	0.13	1.55
MRFBM1TOR26P5_COS		-354.21	89.13	-0.60	0.36	-0.37	0.06	-0.01	-0.13	0.10	0.02	-0.16	0.08	0.06	-0.04	0.24	0.04
MRFBM1TOR26P5_SIN		0.00	-98.34	0.30	0.26	-0.06	-0.24	0.28	0.17	0.25	0.05	-0.01	-0.22	0.07	0.03	0.10	0.04

RUN	POINT	Harmonics															
44	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1044.23	-1340.45	-78.02	277.95	-50.98	-55.53	-19.61	-142.38	15.28	23.24	33.05	5.96	-1.45	-3.12	-37.21	-3.68
MRPC1CB33P25_SIN		0.00	-406.89	-35.90	24.32	61.35	-10.91	-1.10	3.08	-58.62	-10.21	-58.55	38.07	12.77	6.84	20.53	-22.47
MRPC1FB33P25_COS		2278.20	138.36	-359.41	413.23	-142.93	-93.24	-68.78	-308.60	-37.87	23.47	107.42	17.65	11.56	1.82	-93.61	-7.77
MRPC1FB33P25_SIN		0.00	264.28	-84.67	217.35	61.18	38.40	-16.95	-33.14	-127.74	-94.72	-35.68	56.75	27.12	22.07	42.48	-68.54
MRPC1TOR25P5_COS		-763.14	-46.50	-18.52	-74.90	5.70	10.66	-13.36	27.87	-8.60	-1.67	16.25	0.20	-5.85	-2.26	-11.41	-5.00
MRPC1TOR25P5_SIN		0.00	144.18	-57.13	-10.38	-1.58	4.26	-4.91	-57.98	-7.77	4.25	-1.98	15.71	-1.35	1.35	-5.99	-1.45
MRPLK1LOAD_COS		-83.72	3.66	0.77	-9.15	1.34	2.03	-1.25	5.28	-0.90	-0.28	2.41	-0.55	-0.71	-0.28	-1.82	-0.98
MRPLK1LOAD_SIN		0.00	-11.07	-2.91	-3.05	-0.75	0.83	-1.05	-7.29	-0.63	0.24	0.44	2.10	-0.54	-0.02	-2.15	0.02
PITCHRH_COS		8695.65	-8665.91	-363.46	-13.68	-34.61	-528.08	-83.98	-43.27	24.85	-12.41	81.17	-97.99	24.87	-41.92	-6.71	-448.52
PITCHRH_SIN		0.00	2268.69	-695.65	77.64	-59.86	328.10	34.82	123.15	-9.19	-100.48	-245.98	19.66	21.11	77.14	-14.19	159.04
ROLLRH_COS		-791.23	-1971.27	762.06	-37.31	-232.14	-725.49	-153.92	-13.21	86.38	70.15	321.05	-45.18	-24.22	63.07	-2.15	-514.62
ROLLRH_SIN		0.00	-8353.45	-512.90	-16.45	147.55	29.96	-220.85	-27.75	43.00	-3.25	-1.72	-61.85	29.96	2.33	-43.10	-536.64
TORQ_COS		31042.43	371.33	0.49	0.14	-62.38	70.44	-1.35	21.97	-19.91	-1.08	-2.30	0.91	5.69	-2.92	-6.85	15.19
TORQ_SIN		0.00	662.24	-21.10	15.31	-66.84	54.71	4.40	24.81	1.38	-9.95	3.45	3.36	-7.96	6.05	-10.00	-16.20
THRUST_COS		5823.19	-55.87	6.16	10.29	14.63	38.63	1.94	17.46	-2.44	-4.07	-30.98	2.57	1.01	-0.14	0.33	3.01
THRUST_SIN		0.00	-62.59	7.55	8.88	27.33	-34.91	5.77	5.77	0.07	2.02	24.76	-5.27	-0.42	-0.61	-5.02	38.52

RUN	POINT	Harmonics															
44	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-181.38	39.40	-16.96	-3.26	1.88	43.30	9.21	-1.07	-0.87	-3.43	-12.33	2.46	1.03	-1.76	-0.09	15.20
SIDERH_SIN		0.00	183.95	10.71	0.72	-61.11	-54.32	9.88	0.03	-0.13	1.09	0.02	3.77	-1.39	-0.19	1.05	14.97
DRAGRH_COS		-149.74	227.54	9.31	-3.39	-10.27	35.40	-15.21	-0.68	-0.72	-0.46	2.26	5.20	-2.04	1.45	-0.08	18.97
DRAGRH_SIN		0.00	-61.52	14.62	-0.27	8.26	41.52	-23.14	1.44	4.37	5.45	13.03	-4.09	0.33	-3.94	-0.08	-6.80

RUN	POINT	Harmonics															
44	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.12	0.20	-0.23	-3.22	-2.78	-0.62	0.04	0.73	0.28	-0.02	0.08	0.24	0.27	0.12	0.15	-0.02
ACT1FORCE_SIN		0.00	10.59	1.70	0.77	0.35	-0.83	-0.70	-0.34	0.09	0.14	-0.16	0.08	0.10	-0.08	0.03	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.68	-13.61	-1.91	30.09	25.21	5.61	0.87	0.03	0.02	0.01	0.03	0.01	0.02	0.01	-0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-81.24	-12.02	-5.87	-4.07	6.85	9.22	-0.07	-0.02	-0.01	-0.02	0.00	0.02	0.02	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.43	13.72	1.96	-30.12	-25.27	-5.68	-0.94	-0.04	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	81.39	12.07	5.97	4.17	-6.83	-9.24	0.05	0.01	0.00	0.01	0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4224.27	-1453.50	3.22	247.09	-53.45	-66.51	-30.62	-142.64	31.71	40.48	32.92	7.53	-9.12	-8.97	-45.99	-0.60
MRBLD1CB42P75_SIN		0.00	-301.62	-51.28	62.99	150.31	-16.25	12.85	25.06	-52.10	6.22	-114.14	57.99	17.64	6.81	22.10	-22.21

RUN	POINT	Harmonics															
44	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2806.95	-901.35	280.77	149.78	-31.84	-45.98	-50.28	-96.19	21.56	38.70	10.87	11.00	-3.90	-3.51	-32.49	0.59
MRBLD1CB70_SIN		0.00	-167.70	-65.48	97.36	284.52	9.14	57.41	45.04	-30.40	8.87	-86.53	32.22	10.00	1.89	15.57	-22.21
MRBLD1CB120_COS		-461.57	-378.88	415.53	145.06	-14.77	3.46	-43.38	-30.21	-32.24	-8.51	6.44	1.19	6.15	7.13	0.40	3.35
MRBLD1CB120_SIN		0.00	40.47	-145.11	17.75	269.77	23.54	73.87	39.96	-1.19	-17.11	71.31	-20.74	0.07	1.88	-4.24	-7.69
MRBLD1CB164_COS		-1948.25	-121.65	134.72	31.19	-44.19	7.69	-2.49	36.46	-30.36	-15.22	4.20	-1.62	6.54	3.55	19.17	-5.78
MRBLD1CB164_SIN		0.00	66.08	-52.68	18.61	110.98	17.08	21.58	0.61	0.20	-30.59	71.86	-11.75	3.69	1.71	-6.97	16.10
MRBLD1FB42P75_COS		3235.06	219.17	-416.41	497.34	-126.41	-78.89	-76.68	-286.01	-108.20	-38.65	72.08	58.48	30.99	18.32	-18.30	-54.58
MRBLD1FB42P75_SIN		0.00	69.20	-11.89	115.02	122.78	72.22	9.16	130.28	-94.96	-95.36	-101.38	37.79	14.29	13.95	98.19	-37.63
MRBLD1FB70_COS		412.26	2.37	-193.17	139.60	-50.09	-17.42	-6.05	-39.84	-3.16	3.03	-1.57	-1.40	-2.69	-3.99	5.40	12.91
MRBLD1FB70_SIN		0.00	-200.62	15.92	31.05	26.84	5.30	5.71	31.65	-5.84	2.27	1.90	2.27	2.13	-1.24	-21.00	7.89
MRBLD1FB87_COS		-83.46	29.47	-159.24	40.21	-50.08	-22.79	-4.26	27.65	16.68	10.23	-8.31	-11.72	-4.65	-3.28	0.88	6.85
MRBLD1FB87_SIN		0.00	-197.92	42.40	56.41	16.06	1.30	-2.59	-12.27	9.73	13.08	25.76	-8.13	-1.72	-0.41	-18.93	6.98
MRBLD1FB120_COS		-486.32	30.20	-240.37	1.71	-19.31	-1.28	8.19	57.61	4.90	-8.99	-5.19	3.08	4.69	4.86	-4.40	-11.60
MRBLD1FB120_SIN		0.00	-245.81	86.34	125.97	31.42	0.86	-19.25	-48.64	9.33	-3.02	-13.23	0.07	-4.85	-2.46	27.37	-11.50
MRBLD1FB164_COS		-191.24	64.28	-341.93	55.86	139.25	64.16	8.35	-86.49	-10.26	9.80	1.65	-4.87	-2.99	-1.19	4.06	4.29
MRBLD1FB164_SIN		0.00	-306.93	93.10	152.67	19.63	-19.71	20.30	58.68	-17.84	4.14	22.14	-2.86	-0.39	2.21	-12.01	6.20

RUN	POINT	Harmonics															
44	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-218.58	6.37	-195.70	23.63	108.77	46.22	-17.12	-82.87	13.51	16.52	-25.86	-18.17	10.34	10.98	-9.06	-16.01
MRBLD1FB180_SIN		0.00	-211.88	61.09	72.51	10.44	-11.76	21.70	63.15	-17.67	-3.27	49.06	-9.47	-5.28	-6.90	29.36	-13.30
MRBLD1TOR51_COS		-1416.80	69.57	-23.99	75.62	-12.84	-20.28	4.95	-32.99	6.86	4.57	-8.61	-1.10	3.73	2.51	-6.93	0.96
MRBLD1TOR51_SIN		0.00	-80.23	6.52	29.56	11.63	-0.83	3.05	50.21	-0.36	-5.49	-1.79	-5.50	0.94	0.94	4.03	-7.35
MRBLD1TOR71_COS		-270.86	86.06	-30.76	53.43	-1.52	-10.24	10.16	-16.45	5.77	1.28	-10.91	-2.01	3.18	3.66	-4.38	0.06
MRBLD1TOR71_SIN		0.00	-77.98	1.88	11.20	-0.70	-0.15	6.27	48.66	7.72	-0.91	3.61	-5.76	-0.55	0.49	0.99	-4.22
MRBLD1TOR130_COS		-29.10	75.29	-8.61	30.85	13.07	-6.16	8.24	-16.72	3.76	2.20	4.27	-2.07	-0.65	-0.35	-1.96	-2.41
MRBLD1TOR130_SIN		0.00	-64.77	-0.93	1.06	0.62	3.82	7.89	37.45	3.20	-0.29	4.84	9.32	2.91	0.89	-3.28	3.02
MRBLD1TOR164_COS		-225.32	38.91	48.59	5.93	-6.77	-14.41	-1.53	-1.76	5.18	3.75	-0.31	-0.31	1.51	2.79	-3.82	-1.64
MRBLD1TOR164_SIN		0.00	-25.57	-7.05	-23.97	-5.83	3.73	7.02	21.16	3.97	-0.52	5.79	5.56	2.70	0.68	-1.58	-1.72
MRFBM1CB26P5_COS		-4792.52	-590.42	-37.65	82.76	2.58	-8.05	4.47	-15.30	0.75	-0.29	7.23	-0.05	-0.23	0.08	-5.24	-0.12
MRFBM1CB26P5_SIN		0.00	-208.05	-0.41	-19.69	-22.12	-11.34	-13.53	-5.15	-9.31	-3.20	-2.47	4.08	1.47	1.64	1.87	-3.02
MRFBM1FB9_COS		325.82	-27.03	160.59	-95.70	24.73	13.39	5.94	16.48	-1.43	-2.51	-4.94	0.56	0.43	0.57	2.80	-1.39
MRFBM1FB9_SIN		0.00	48.86	34.12	-81.95	-15.66	-0.53	5.05	5.18	6.23	1.89	1.29	-2.47	-1.25	-0.29	0.26	1.54
MRFBM1TOR26P5_COS		-354.24	85.68	-0.53	0.34	-0.39	0.04	-0.01	-0.10	0.11	0.01	-0.16	0.06	0.06	-0.04	0.21	0.05
MRFBM1TOR26P5_SIN		0.00	-99.71	0.32	0.20	0.01	-0.30	0.25	0.21	0.25	0.05	-0.04	-0.21	0.04	0.05	0.09	0.05

RUN	POINT	Harmonics															
44	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1044.66	-1340.47	-75.63	266.15	-47.26	-53.49	-18.02	-125.97	12.14	24.46	36.05	7.46	-2.17	-4.52	-41.49	0.20
MRPC1CB33P25_SIN		0.00	-242.80	-28.68	11.59	67.21	-13.95	-6.14	10.06	-55.02	-12.98	-67.69	43.83	15.43	8.51	20.53	-24.01
MRPC1FB33P25_COS		2279.37	142.07	-355.76	385.56	-137.01	-85.77	-63.80	-273.61	-35.86	22.55	110.72	18.29	10.36	0.42	-100.10	1.90
MRPC1FB33P25_SIN		0.00	227.11	-83.23	187.89	81.85	36.94	-21.47	-15.97	-122.52	-89.46	-36.47	64.39	31.37	23.96	42.47	-70.57
MRPC1TOR25P5_COS		-765.77	-48.24	-17.82	-71.56	4.32	9.71	-13.18	21.67	-9.08	-0.94	17.17	1.47	-6.03	-2.36	-10.69	-4.74
MRPC1TOR25P5_SIN		0.00	140.36	-55.23	-5.49	-2.17	4.37	-2.60	-57.64	-8.25	3.84	-3.46	17.20	0.53	2.04	-5.35	-1.25
MRPLK1LOAD_COS		-83.62	2.60	0.64	-8.68	1.24	1.90	-1.30	4.25	-0.95	-0.21	2.54	-0.41	-0.78	-0.26	-1.67	-0.88
MRPLK1LOAD_SIN		0.00	-11.01	-3.10	-2.45	-1.02	0.93	-0.75	-7.38	-0.75	0.14	0.32	2.28	-0.29	0.06	-2.05	0.05
PITCHRH_COS		8923.55	-8682.42	-374.64	-22.25	-31.33	-419.94	-129.28	-15.80	39.90	-13.52	76.65	-96.14	24.01	-37.59	-8.45	-443.03
PITCHRH_SIN		0.00	2290.64	-716.43	79.66	-92.83	412.72	2.49	105.28	12.17	-107.46	-236.28	2.94	26.00	71.33	-11.05	183.82
ROLLRH_COS		323.66	-1961.27	765.90	-24.99	-253.14	-886.61	-126.86	-47.06	82.61	98.08	313.62	-36.21	-10.71	42.08	-4.11	-572.60
ROLLRH_SIN		0.00	-8317.52	-526.55	-35.38	90.68	145.11	-251.58	-5.76	41.83	-18.38	-5.88	-70.52	39.75	26.86	-55.96	-540.85
TORQ_COS		30957.10	378.78	-1.89	0.27	-63.65	68.09	-2.90	16.64	-18.01	-1.68	-3.63	2.03	3.14	-2.34	-4.32	13.55
TORQ_SIN		0.00	684.08	-20.29	11.84	-74.60	57.90	3.50	23.54	0.38	-7.65	4.74	1.49	-9.64	6.30	-9.22	-16.26
THRUST_COS		5827.53	-56.89	5.96	8.32	14.52	36.23	0.64	15.13	-1.36	-5.45	-30.79	3.53	1.13	-0.62	1.70	6.74
THRUST_SIN		0.00	-62.47	7.54	9.44	30.95	-36.16	7.75	4.84	-0.87	2.72	25.31	-5.62	-1.53	-0.79	-4.10	42.31

RUN	POINT	Harmonics															
44	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-173.37	33.81	-17.41	-2.54	7.70	46.07	6.68	-0.96	-1.02	-4.90	-12.46	1.91	0.41	-1.29	-0.13	16.64
SIDERH_SIN		0.00	177.51	11.80	2.24	-54.57	-75.66	12.96	-0.04	-0.79	1.97	0.10	4.09	-1.53	-0.77	1.23	15.28
DRAGRH_COS		-148.31	227.86	10.06	-3.18	-7.25	39.43	-10.01	-0.04	-0.88	-1.38	2.47	6.30	-1.62	0.90	-0.13	18.54
DRAGRH_SIN		0.00	-61.39	15.54	0.15	8.01	58.90	-21.32	-0.76	2.48	5.92	11.65	-3.83	0.57	-3.36	-0.49	-8.09

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	64																
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.54	0.18	-0.26	-3.11	-2.73	-0.46	0.10	0.76	0.22	-0.06	0.09	0.21	0.24	0.08	0.14	0.00
ACT1FORCE_SIN		0.00	10.51	1.50	0.71	0.23	-0.93	-0.61	-0.29	0.11	0.11	-0.17	0.09	0.13	-0.10	0.02	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.36	-13.22	-3.41	30.37	25.22	4.55	0.18	0.01	0.01	0.00	0.03	0.02	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-80.92	-10.88	-5.31	-3.44	7.36	9.12	-0.04	-0.02	-0.02	-0.02	-0.01	0.03	0.02	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.86	13.33	3.47	-30.40	-25.28	-4.61	-0.24	-0.02	-0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	81.07	10.93	5.41	3.54	-7.34	-9.16	0.03	0.00	0.01	0.01	0.01	-0.02	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4143.29	-1566.80	-5.18	256.30	-53.85	-71.63	-33.53	-161.29	42.01	36.47	35.71	9.25	-3.48	-5.91	-36.98	-4.34
MRBLD1CB42P75_SIN		0.00	-387.56	-44.46	78.82	150.11	-17.98	11.96	13.38	-52.03	8.81	-91.08	48.95	14.34	4.89	29.81	-22.74

RUN	POINT	Harmonics															
44	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2849.24	-972.68	264.92	158.27	-22.16	-57.36	-54.85	-109.03	28.14	34.91	12.31	9.62	-1.23	-2.46	-25.70	-2.18
MRBLD1CB70_SIN		0.00	-219.91	-64.72	116.11	283.27	11.22	47.91	39.84	-31.71	10.67	-69.74	25.87	7.81	0.43	23.00	-23.66
MRBLD1CB120_COS		-456.80	-412.39	396.05	151.73	-10.04	-11.42	-44.53	-32.76	-33.72	-4.87	4.88	1.39	4.82	7.11	-1.04	2.99
MRBLD1CB120_SIN		0.00	20.63	-141.35	37.96	261.06	28.72	56.90	39.60	-2.97	-18.06	57.57	-17.63	1.32	2.48	-3.06	-8.22
MRBLD1CB164_COS		-1945.41	-130.56	128.19	36.34	-41.74	1.41	-1.11	41.19	-34.75	-10.84	6.56	0.75	5.22	3.98	16.85	-4.15
MRBLD1CB164_SIN		0.00	59.84	-50.97	25.31	105.65	20.79	14.83	6.17	-1.23	-31.05	57.95	-7.79	4.86	2.65	-11.55	18.75
MRBLD1FB42P75_COS		3189.78	254.75	-405.39	535.60	-160.81	-90.37	-78.84	-326.15	-100.51	-35.62	73.36	54.71	32.13	20.93	3.88	-62.20
MRBLD1FB42P75_SIN		0.00	83.81	5.71	126.49	90.46	58.28	2.90	113.94	-100.77	-98.54	-99.84	26.55	6.58	7.12	95.21	-33.24
MRBLD1FB70_COS		408.09	1.82	-187.92	152.96	-59.42	-20.87	-6.80	-46.76	-1.54	3.44	-0.34	-0.50	-2.30	-4.29	1.02	14.56
MRBLD1FB70_SIN		0.00	-201.70	21.85	36.38	17.60	2.19	4.39	29.18	-6.53	2.25	2.25	3.19	3.72	0.47	-20.41	7.15
MRBLD1FB87_COS		-83.12	29.23	-154.66	47.73	-53.26	-23.42	-4.10	31.37	15.85	9.71	-9.80	-10.93	-4.78	-3.79	-4.33	7.81
MRBLD1FB87_SIN		0.00	-198.22	44.57	58.46	13.00	1.25	-1.42	-10.17	11.11	14.13	24.57	-5.83	-0.21	0.99	-18.35	5.70
MRBLD1FB120_COS		-481.33	34.40	-234.15	11.27	-15.09	2.44	11.00	67.86	2.59	-9.05	-5.05	2.10	4.28	5.07	2.91	-13.08
MRBLD1FB120_SIN		0.00	-245.57	85.04	123.89	33.59	0.63	-17.58	-45.23	10.09	-2.82	-12.20	-0.68	-5.74	-4.25	26.28	-10.20
MRBLD1FB164_COS		-197.49	73.82	-336.22	66.68	146.69	65.60	6.82	-101.41	-4.42	10.08	0.92	-3.63	-3.29	-0.93	0.26	5.28
MRBLD1FB164_SIN		0.00	-305.19	94.37	151.61	35.15	-18.64	16.11	49.33	-19.47	1.95	18.51	-4.01	-0.97	2.44	-11.63	5.72

RUN	POINT	Harmonics															
44	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-223.91	14.63	-190.44	29.09	112.42	47.36	-18.81	-96.79	18.38	17.77	-29.56	-19.09	7.92	11.99	1.14	-16.85
MRBLD1FB180_SIN		0.00	-212.58	60.75	72.10	19.35	-12.38	15.90	54.62	-20.37	-5.02	41.52	-8.47	-5.19	-9.78	27.93	-11.39
MRBLD1TOR51_COS		-1421.00	68.64	-23.53	76.56	-16.45	-22.84	7.05	-41.84	7.35	5.14	-8.22	-1.31	2.82	2.80	-4.01	1.29
MRBLD1TOR51_SIN		0.00	-82.31	10.81	34.65	6.74	-2.85	3.34	46.77	-1.82	-6.33	-3.77	-5.71	0.03	0.05	5.69	-7.15
MRBLD1TOR71_COS		-274.16	86.09	-29.84	53.00	-4.19	-12.24	11.91	-23.05	5.83	1.80	-10.58	-2.34	2.28	3.71	-2.89	0.35
MRBLD1TOR71_SIN		0.00	-78.61	5.22	14.71	-3.97	-1.63	6.86	46.68	6.40	-1.50	1.32	-5.36	-1.07	-0.04	2.08	-3.91
MRBLD1TOR130_COS		-31.73	75.30	-7.82	29.91	11.67	-8.31	9.56	-22.22	4.17	2.42	4.06	-1.88	-0.12	-0.32	-3.28	-2.86
MRBLD1TOR130_SIN		0.00	-65.55	0.80	2.97	-0.05	2.91	7.77	35.17	2.12	-0.68	4.70	8.96	3.15	1.24	-3.62	2.80
MRBLD1TOR164_COS		-225.16	37.81	48.64	3.76	-7.51	-15.90	-1.26	-3.51	5.34	3.82	-1.22	-1.40	1.38	3.03	-3.98	-2.51
MRBLD1TOR164_SIN		0.00	-26.64	-7.15	-23.25	-8.34	2.78	6.85	20.97	3.38	0.01	5.51	5.41	2.85	1.26	-0.77	-2.08
MRFBM1CB26P5_COS		-4737.97	-650.00	-39.38	82.46	-1.64	-6.66	5.29	-17.49	1.81	-0.21	7.44	0.71	0.37	0.63	-4.77	-0.54
MRFBM1CB26P5_SIN		0.00	-258.52	4.27	-17.89	-19.56	-11.70	-11.73	-7.24	-9.03	-3.42	-2.22	3.30	0.87	1.35	1.97	-3.17
MRFBM1FB9_COS		279.69	43.25	157.84	-104.41	26.64	13.84	5.27	17.26	-1.90	-2.50	-4.69	0.20	0.10	0.39	2.63	-1.39
MRFBM1FB9_SIN		0.00	62.47	22.07	-88.85	-11.06	1.28	5.38	7.21	5.96	1.85	0.73	-2.20	-1.31	-0.34	-0.46	1.79
MRFBM1TOR26P5_COS		-354.41	86.14	-0.53	0.42	-0.38	0.01	0.04	-0.16	0.11	0.02	-0.13	0.08	0.04	-0.03	0.24	0.04
MRFBM1TOR26P5_SIN		0.00	-101.42	0.38	0.26	-0.02	-0.28	0.24	0.19	0.23	0.03	-0.05	-0.20	0.04	0.04	0.09	0.05

RUN	POINT	Harmonics															
44	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-980.16	-1437.38	-79.61	272.55	-55.01	-55.41	-18.08	-141.39	19.81	22.99	37.64	9.25	2.03	-1.48	-33.67	-3.82
MRPC1CB33P25_SIN		0.00	-310.94	-22.01	22.21	65.29	-17.52	-5.07	-0.79	-55.88	-11.59	-54.95	36.45	12.58	6.50	27.16	-25.04
MRPC1FB33P25_COS		2237.94	172.55	-352.41	415.21	-156.47	-91.94	-64.07	-298.26	-27.46	26.45	110.24	22.43	16.75	6.97	-84.66	-6.75
MRPC1FB33P25_SIN		0.00	243.71	-67.01	204.27	47.62	23.17	-27.88	-44.19	-123.11	-90.14	-33.31	53.91	26.61	21.72	59.97	-74.89
MRPC1TOR25P5_COS		-761.65	-43.76	-22.36	-70.76	8.23	11.82	-15.88	29.31	-8.75	-1.52	15.94	1.33	-3.98	-2.25	-13.47	-6.70
MRPC1TOR25P5_SIN		0.00	141.21	-57.83	-9.71	1.56	7.52	-2.87	-55.41	-6.31	5.12	0.77	15.99	0.86	2.72	-5.37	-2.27
MRPLK1LOAD_COS		-82.73	2.33	0.57	-8.72	1.82	2.26	-1.63	5.48	-0.96	-0.37	2.29	-0.47	-0.53	-0.31	-2.29	-1.11
MRPLK1LOAD_SIN		0.00	-11.13	-3.65	-3.06	-0.41	1.18	-0.70	-7.03	-0.54	0.42	0.79	2.17	-0.21	0.16	-2.14	-0.05
PITCHRH_COS		7755.35	-8871.98	-376.91	-35.65	-56.66	-621.64	-119.80	-40.89	20.21	-3.35	118.52	-83.22	26.57	-14.38	-29.48	-434.06
PITCHRH_SIN		0.00	2404.18	-709.85	77.94	-88.61	360.62	-11.41	130.91	-16.85	-80.85	-228.73	3.79	-2.60	76.75	-6.21	247.13
ROLLRH_COS		21.45	-2070.78	760.77	3.38	-258.58	-764.57	-100.87	-39.85	91.81	100.69	335.56	-49.35	-36.47	56.43	-35.72	-663.01
ROLLRH_SIN		0.00	-8473.32	-514.83	-20.74	76.15	-88.13	-261.91	57.65	15.52	12.32	-0.61	-68.13	6.82	-21.02	-40.46	-519.29
TORQ_COS		31976.41	390.01	-0.44	-3.22	-58.30	68.08	-3.73	25.75	-22.20	-1.59	-4.98	0.26	2.78	-3.46	-4.09	12.41
TORQ_SIN		0.00	675.88	-27.59	6.09	-89.64	56.98	3.33	25.04	0.01	-8.77	3.93	2.71	-6.91	5.76	-8.45	-21.87
THRUST_COS		5684.21	-56.07	5.68	9.15	12.27	42.20	0.23	20.84	-1.43	-6.24	-33.84	1.38	0.70	-0.38	1.44	9.94
THRUST_SIN		0.00	-63.71	7.04	7.48	33.62	-30.64	9.63	3.38	0.26	1.15	27.19	-3.20	2.03	-0.78	-8.10	44.49

RUN	POINT	Harmonics															
44	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.52	36.09	-17.34	-3.51	12.44	53.96	5.83	-0.88	-1.39	-5.22	-13.18	2.61	1.36	-1.80	0.89	19.08
SIDERH_SIN		0.00	179.54	11.85	2.99	-57.33	-49.98	14.26	-1.99	0.22	0.31	0.19	3.91	-0.42	0.59	0.84	14.55
DRAGRH_COS		-158.55	232.34	9.96	-3.25	-7.60	26.04	-6.13	-3.11	0.49	-1.58	0.62	5.14	-1.46	0.01	0.60	18.57
DRAGRH_SIN		0.00	-63.56	15.10	0.19	7.63	37.77	-21.90	1.71	2.73	3.49	11.22	-4.28	0.37	-3.29	-0.81	-10.46

RUN	POINT	Harmonics															
44	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.91	0.19	-0.08	-3.18	-2.66	-0.56	0.10	0.83	0.25	-0.04	0.04	0.19	0.27	0.10	0.17	-0.02
ACT1FORCE_SIN		0.00	10.42	1.53	0.77	0.37	-0.92	-0.63	-0.32	0.19	0.15	-0.15	0.05	0.07	-0.11	0.04	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.68	-13.27	-3.89	30.44	24.57	5.08	0.23	0.02	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-79.58	-11.42	-6.67	-3.77	7.19	8.16	-0.05	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.56	13.35	3.94	-30.47	-24.63	-5.13	-0.27	-0.03	-0.01	0.01	-0.02	0.00	0.00	-0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	79.74	11.47	6.74	3.82	-7.18	-8.18	0.03	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4189.22	-1463.69	-20.77	251.40	-57.88	-67.89	-40.31	-159.04	42.40	38.72	40.53	2.07	-9.22	-7.42	-41.66	-2.64
MRBLD1CB42P75_SIN		0.00	-282.18	-43.95	77.41	151.43	-14.38	11.23	-2.73	-57.65	7.19	-95.57	49.10	12.69	6.19	26.00	-23.17

RUN	POINT	Harmonics															
44	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2821.54	-906.41	260.75	147.65	-33.88	-62.01	-56.65	-110.50	29.86	36.40	16.35	6.27	-5.77	-4.49	-30.53	-0.95
MRBLD1CB70_SIN		0.00	-151.20	-65.91	115.99	290.43	23.31	50.70	29.32	-35.95	10.38	-73.24	25.43	7.74	3.11	20.62	-24.87
MRBLD1CB120_COS		-464.98	-380.67	401.13	143.05	-15.56	-20.58	-43.19	-40.66	-31.79	-5.61	3.40	4.65	6.22	6.04	-1.78	3.09
MRBLD1CB120_SIN		0.00	49.03	-146.43	37.08	272.11	43.88	64.74	36.34	-4.71	-18.51	60.30	-17.09	2.04	2.12	-4.19	-9.61
MRBLD1CB164_COS		-1947.77	-122.75	130.32	32.28	-43.76	-3.75	2.18	36.68	-33.90	-12.24	3.25	1.89	8.10	5.18	19.14	-5.30
MRBLD1CB164_SIN		0.00	67.72	-53.40	25.93	112.51	26.42	19.95	9.05	0.20	-31.25	61.01	-7.20	5.08	1.47	-9.68	20.39
MRBLD1FB42P75_COS		3217.99	221.23	-424.29	528.84	-126.89	-81.30	-90.56	-343.60	-102.36	-35.37	78.79	53.02	27.91	19.12	-11.48	-65.15
MRBLD1FB42P75_SIN		0.00	67.46	4.43	139.31	110.53	56.50	16.65	97.98	-102.31	-99.48	-97.84	37.94	13.44	14.58	102.24	-34.82
MRBLD1FB70_COS		411.68	0.49	-197.04	149.61	-49.96	-17.99	-9.05	-49.86	-2.00	3.32	-1.00	-1.43	-2.34	-3.84	4.20	15.48
MRBLD1FB70_SIN		0.00	-200.50	22.55	38.40	23.52	0.87	6.76	25.38	-7.76	1.93	1.82	2.18	2.07	-1.42	-21.53	7.51
MRBLD1FB87_COS		-82.22	28.34	-160.38	45.66	-49.55	-22.79	-3.21	32.72	15.55	9.62	-10.74	-10.55	-4.39	-4.10	-1.17	8.44
MRBLD1FB87_SIN		0.00	-198.36	45.89	58.94	14.63	-1.26	-3.30	-9.65	10.35	13.52	24.35	-7.94	-1.42	-0.69	-20.02	5.96
MRBLD1FB120_COS		-483.11	30.27	-241.28	6.70	-17.13	-0.24	14.25	73.17	4.13	-8.81	-3.98	3.18	5.19	6.23	-1.24	-13.98
MRBLD1FB120_SIN		0.00	-244.63	89.58	128.91	34.22	1.44	-18.66	-39.42	13.45	-1.42	-11.64	0.84	-4.13	-1.21	29.63	-9.64
MRBLD1FB164_COS		-192.06	67.42	-346.37	59.40	137.31	62.79	2.95	-108.61	-7.00	10.65	1.70	-3.03	-2.76	-1.88	2.71	5.65
MRBLD1FB164_SIN		0.00	-307.75	99.08	161.14	23.44	-10.59	17.96	41.71	-23.46	0.32	19.75	-4.96	-1.68	0.88	-13.50	5.22

RUN	POINT	Harmonics															
44	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.20	10.51	-197.29	25.66	106.81	46.51	-22.51	-102.58	16.35	19.32	-26.97	-13.32	13.11	14.16	-4.54	-18.36
MRBLD1FB180_SIN		0.00	-214.06	63.91	77.25	12.13	-7.45	18.53	48.93	-22.99	-4.95	43.75	-8.39	-2.28	-4.31	32.94	-10.55
MRBLD1TOR51_COS		-1418.35	70.76	-27.88	76.72	-13.77	-22.32	0.29	-44.51	7.59	5.69	-8.31	-0.81	3.37	2.16	-7.04	0.11
MRBLD1TOR51_SIN		0.00	-80.24	10.05	32.21	9.39	0.06	2.31	41.39	-2.24	-5.41	-2.58	-5.15	1.44	1.92	5.26	-7.44
MRBLD1TOR71_COS		-272.01	86.94	-33.43	53.65	-2.29	-11.91	6.46	-25.38	5.94	2.26	-10.83	-1.41	3.10	3.35	-4.53	-0.52
MRBLD1TOR71_SIN		0.00	-78.09	4.78	12.39	-2.57	0.89	5.60	42.94	6.27	-0.83	2.12	-5.11	-0.08	1.31	1.91	-4.40
MRBLD1TOR130_COS		-29.89	76.40	-10.37	29.74	12.41	-7.87	5.32	-24.28	4.24	2.77	4.42	-1.96	-0.33	-0.14	-1.56	-2.14
MRBLD1TOR130_SIN		0.00	-64.46	1.12	1.23	-1.02	5.41	7.27	31.94	1.78	-0.65	4.59	8.96	2.40	0.58	-3.27	3.08
MRBLD1TOR164_COS		-225.32	39.56	48.87	4.14	-6.34	-14.55	-2.77	-4.58	4.77	3.56	-0.37	-0.42	1.34	2.72	-3.53	-1.98
MRBLD1TOR164_SIN		0.00	-25.17	-6.79	-25.35	-7.26	2.56	7.16	20.40	3.60	-0.48	4.93	6.05	2.89	1.03	-0.95	-2.10
MRFBM1CB26P5_COS		-4770.20	-599.48	-46.18	84.18	-0.15	-4.24	2.97	-16.15	1.46	-0.04	7.27	0.02	0.14	0.43	-5.04	-0.73
MRFBM1CB26P5_SIN		0.00	-203.76	3.61	-18.85	-23.84	-12.82	-12.11	-8.91	-9.03	-3.37	-1.75	3.94	1.14	1.16	1.45	-3.31
MRFBM1FB9_COS		309.60	-12.27	170.73	-100.65	24.50	13.12	6.80	17.35	-2.09	-2.64	-4.95	0.62	0.38	0.63	2.90	-1.38
MRFBM1FB9_SIN		0.00	50.65	25.18	-90.72	-14.69	0.45	5.08	8.50	6.19	1.85	0.61	-2.15	-1.09	-0.34	-0.04	1.79
MRFBM1TOR26P5_COS		-354.42	85.87	-0.55	0.38	-0.39	-0.03	-0.02	-0.20	0.14	0.03	-0.15	0.08	0.06	-0.02	0.20	0.05
MRFBM1TOR26P5_SIN		0.00	-101.83	0.30	0.20	0.06	-0.28	0.23	0.16	0.22	0.06	-0.04	-0.22	0.04	0.06	0.07	0.06

RUN	POINT	Harmonics															
44	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1012.34	-1346.93	-95.94	272.31	-52.64	-50.54	-26.00	-141.10	19.85	24.26	40.92	3.69	-2.20	-3.26	-38.83	-2.55
MRPC1CB33P25_SIN		0.00	-224.53	-18.55	21.15	65.30	-17.21	-3.87	-13.88	-58.88	-12.62	-56.30	38.69	12.17	7.85	23.28	-25.72
MRPC1FB33P25_COS		2264.01	143.67	-365.48	407.04	-133.96	-84.75	-77.26	-305.34	-28.11	27.18	113.39	14.19	8.70	0.06	-99.14	-6.17
MRPC1FB33P25_SIN		0.00	226.01	-71.87	213.90	71.84	24.20	-21.16	-64.36	-125.65	-90.60	-28.38	60.85	28.14	24.55	50.22	-78.82
MRPC1TOR25P5_COS		-764.14	-48.72	-14.89	-71.96	5.78	10.91	-9.07	32.70	-9.43	-2.01	16.73	0.23	-5.54	-2.07	-9.84	-4.99
MRPC1TOR25P5_SIN		0.00	137.78	-58.71	-6.30	0.36	4.20	-2.30	-49.90	-6.18	3.96	-0.88	16.48	-1.00	0.88	-5.06	-2.35
MRPLK1LOAD_COS		-83.28	2.30	1.12	-8.81	1.37	2.20	-0.66	5.94	-1.07	-0.40	2.44	-0.60	-0.75	-0.28	-1.58	-0.92
MRPLK1LOAD_SIN		0.00	-11.27	-3.59	-2.67	-0.69	0.83	-0.63	-6.16	-0.45	0.20	0.55	2.29	-0.52	-0.11	-1.96	-0.16
PITCHRH_COS		8638.37	-8849.17	-371.56	-26.62	-37.71	-467.91	-73.38	-67.88	62.15	-13.68	85.69	-98.38	14.72	-1.63	-26.71	-466.20
PITCHRH_SIN		0.00	2408.47	-707.56	69.14	-80.87	352.21	12.76	105.07	-1.25	-81.46	-245.97	10.84	-0.57	74.68	-18.10	184.31
ROLLRH_COS		314.42	-2028.44	775.21	-34.61	-250.25	-805.94	-125.29	-55.39	104.69	96.24	333.22	-40.11	-1.74	50.09	-39.21	-568.74
ROLLRH_SIN		0.00	-8468.64	-525.75	-23.74	93.19	187.26	-212.10	-19.52	49.09	-16.25	10.87	-64.66	9.46	-46.72	-35.33	-578.19
TORQ_COS		31304.26	401.26	-1.51	1.43	-60.28	59.23	-2.45	17.43	-20.86	-1.40	-3.89	0.62	2.33	-2.57	-3.14	16.67
TORQ_SIN		0.00	681.62	-18.12	14.82	-68.89	59.79	2.68	32.67	2.73	-7.50	4.99	2.98	-4.62	6.23	-10.62	-24.23
THRUST_COS		5773.40	-54.65	5.32	11.63	14.39	38.10	1.71	17.26	-2.97	-5.27	-32.93	1.66	0.84	-0.37	2.76	6.76
THRUST_SIN		0.00	-62.85	7.10	8.66	28.54	-28.84	5.67	11.47	0.31	1.64	27.64	-5.43	1.04	-0.20	-8.92	43.86

RUN	POINT	Harmonics															
44	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.22	29.15	-17.95	-3.21	9.22	39.66	10.75	-0.48	-1.55	-4.78	-13.33	2.16	0.24	-1.67	1.02	16.50
SIDERH_SIN		0.00	182.60	11.77	2.86	-54.34	-69.70	9.94	-0.23	-0.55	1.89	-0.55	3.93	-0.30	1.59	0.79	16.46
DRAGRH_COS		-150.04	232.53	9.97	-3.10	-6.18	46.98	-13.02	-2.67	-1.83	-0.50	1.12	6.09	-0.72	-0.56	0.85	20.06
DRAGRH_SIN		0.00	-63.09	15.21	-0.35	6.75	47.23	-25.19	-0.63	4.71	4.78	12.24	-4.21	0.59	-2.64	0.02	-7.64

RUN	POINT	Harmonics															
44	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.57	0.25	-0.26	-3.08	-2.77	-0.53	0.09	0.78	0.30	-0.05	0.11	0.18	0.27	0.12	0.14	0.00
ACT1FORCE_SIN		0.00	10.38	1.60	0.77	0.35	-0.91	-0.73	-0.32	0.10	0.13	-0.12	0.04	0.09	-0.10	0.05	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.81	-13.44	-3.08	29.80	25.25	5.04	0.20	0.01	0.00	0.00	0.01	0.01	0.01	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-79.87	-11.75	-6.30	-3.50	7.30	8.98	-0.05	-0.02	-0.01	-0.02	0.01	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.40	13.55	3.13	-29.83	-25.32	-5.11	-0.26	-0.02	0.00	0.01	0.00	0.00	0.00	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	80.02	11.79	6.40	3.61	-7.28	-9.02	0.03	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4156.69	-1380.07	-0.07	256.54	-69.42	-78.08	-36.68	-150.42	38.87	40.21	47.31	-0.67	-7.63	-8.09	-41.79	-2.25
MRBLD1CB42P75_SIN		0.00	-281.03	-41.20	72.04	157.73	-14.91	12.65	9.56	-57.16	-0.11	-87.37	50.86	13.43	5.71	25.72	-23.50

RUN	POINT	Harmonics															
44	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2840.51	-858.66	271.35	153.20	-49.44	-69.07	-57.58	-101.46	26.94	37.62	15.47	5.28	-3.05	-4.46	-30.97	-0.70
MRBLD1CB70_SIN		0.00	-150.59	-60.51	110.45	287.64	10.76	60.64	34.98	-35.15	2.36	-73.56	27.17	8.16	2.70	20.28	-23.88
MRBLD1CB120_COS		-463.61	-368.80	405.05	144.89	-28.96	-23.76	-49.68	-31.48	-32.23	-5.62	-1.36	5.28	5.46	6.76	-1.34	2.93
MRBLD1CB120_SIN		0.00	51.33	-138.45	35.51	276.48	25.58	76.43	35.40	-1.10	-11.60	55.06	-19.20	1.58	2.72	-4.21	-8.39
MRBLD1CB164_COS		-1946.88	-120.66	129.42	33.16	-49.10	-4.02	-3.51	38.21	-33.28	-13.92	3.11	2.99	6.26	5.34	19.36	-5.24
MRBLD1CB164_SIN		0.00	67.27	-51.31	25.24	114.09	17.25	23.74	5.26	2.47	-22.13	61.11	-8.57	3.82	0.25	-10.21	18.08
MRBLD1FB42P75_COS		3193.61	202.14	-410.57	537.15	-126.73	-92.60	-87.28	-314.66	-101.84	-25.79	95.40	47.79	27.80	19.34	-10.26	-61.88
MRBLD1FB42P75_SIN		0.00	72.67	-0.47	124.14	161.54	74.67	9.49	109.30	-96.49	-89.52	-91.46	40.34	12.50	13.65	98.66	-35.16
MRBLD1FB70_COS		408.64	1.43	-191.62	153.60	-51.26	-21.51	-8.54	-44.50	-1.88	3.74	-0.54	-0.75	-2.61	-4.07	3.72	14.57
MRBLD1FB70_SIN		0.00	-197.86	20.63	34.37	38.69	6.42	6.33	27.98	-6.58	2.26	2.11	2.58	2.58	-1.18	-21.25	7.40
MRBLD1FB87_COS		-82.37	28.78	-159.19	48.21	-50.34	-23.54	-3.67	30.21	15.35	7.59	-15.01	-9.34	-4.05	-3.92	-1.50	7.78
MRBLD1FB87_SIN		0.00	-197.15	43.78	56.62	20.17	0.93	-2.58	-10.30	9.86	12.09	22.78	-9.05	-1.33	-0.35	-19.16	6.21
MRBLD1FB120_COS		-479.24	33.49	-241.19	10.29	-18.49	1.72	12.77	65.39	4.47	-8.76	-2.86	2.58	5.11	5.89	-0.85	-12.71
MRBLD1FB120_SIN		0.00	-245.17	85.58	124.06	29.99	-0.84	-18.86	-41.96	11.50	-1.59	-10.72	1.48	-4.56	-2.04	28.12	-10.59
MRBLD1FB164_COS		-195.37	71.35	-339.39	62.59	138.89	68.06	3.49	-98.53	-9.22	9.13	-1.93	-3.24	-3.41	-2.01	2.44	4.37
MRBLD1FB164_SIN		0.00	-307.79	93.78	151.63	6.23	-21.79	16.02	46.17	-22.03	0.64	17.86	-6.22	-1.35	1.54	-12.67	5.60

RUN	POINT	Harmonics															
44	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-222.94	12.94	-191.89	26.50	108.58	48.33	-22.03	-94.22	12.81	13.53	-38.70	-11.60	12.42	11.77	-5.20	-16.69
MRBLD1FB180_SIN		0.00	-213.30	60.00	71.48	1.14	-14.85	16.64	51.89	-23.13	-7.71	41.60	-11.50	-4.86	-6.83	31.78	-11.16
MRBLD1TOR51_COS		-1420.33	70.99	-24.11	76.48	-13.80	-21.69	2.85	-38.97	7.74	4.97	-10.09	-0.05	3.90	2.52	-6.29	0.80
MRBLD1TOR51_SIN		0.00	-80.31	10.76	32.04	12.67	1.01	1.78	43.62	-3.26	-6.95	-4.35	-5.71	0.89	1.26	5.68	-6.64
MRBLD1TOR71_COS		-273.48	86.33	-30.64	53.16	-1.60	-10.59	8.78	-21.28	6.31	1.41	-12.77	-0.68	3.45	3.50	-4.42	-0.15
MRBLD1TOR71_SIN		0.00	-77.87	5.37	12.86	-0.86	1.61	5.28	43.99	5.30	-2.21	0.25	-5.77	-0.47	0.69	2.17	-3.63
MRBLD1TOR130_COS		-30.87	76.04	-8.54	29.42	13.62	-6.52	7.07	-20.89	4.02	2.02	3.97	-2.48	-0.26	-0.28	-2.52	-2.75
MRBLD1TOR130_SIN		0.00	-64.82	1.57	1.72	-1.26	5.46	7.20	33.16	1.56	-0.46	5.64	8.59	2.63	0.48	-3.81	2.66
MRBLD1TOR164_COS		-224.99	38.95	48.38	3.26	-6.83	-15.41	-1.99	-3.34	4.86	2.96	-1.48	-0.73	1.19	2.59	-4.11	-2.06
MRBLD1TOR164_SIN		0.00	-25.73	-5.97	-23.87	-5.10	4.21	7.24	20.43	3.10	-1.24	4.67	5.67	2.92	1.04	-1.67	-2.54
MRFBM1CB26P5_COS		-4747.79	-558.30	-37.13	83.62	0.86	-5.44	4.36	-16.06	1.24	0.03	9.39	-0.50	-0.21	0.35	-4.77	-0.51
MRFBM1CB26P5_SIN		0.00	-198.66	3.81	-19.51	-21.09	-10.59	-14.76	-7.10	-9.27	-2.70	0.41	3.62	0.97	1.21	1.62	-3.15
MRFBM1FB9_COS		281.71	-32.73	159.17	-104.58	27.01	15.01	6.45	16.44	-1.82	-2.66	-4.85	0.72	0.33	0.59	2.75	-1.42
MRFBM1FB9_SIN		0.00	60.37	24.96	-87.27	-20.13	-0.22	5.61	6.92	5.88	1.56	0.05	-2.15	-1.15	-0.38	-0.07	1.68
MRFBM1TOR26P5_COS		-354.48	85.61	-0.57	0.35	-0.41	0.02	-0.02	-0.15	0.13	0.03	-0.17	0.08	0.04	-0.02	0.23	0.06
MRFBM1TOR26P5_SIN		0.00	-101.87	0.31	0.17	-0.02	-0.31	0.21	0.16	0.20	0.03	-0.08	-0.18	0.04	0.06	0.09	0.05

RUN	POINT	Harmonics															
44	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-986.58	-1273.29	-75.41	275.28	-58.62	-58.74	-22.71	-133.54	17.33	25.12	48.28	0.93	-1.49	-3.95	-38.35	-1.90
MRPC1CB33P25_SIN		0.00	-227.64	-17.98	16.80	76.83	-13.64	-7.20	-3.35	-57.94	-14.45	-48.76	38.83	12.50	7.56	23.15	-25.32
MRPC1FB33P25_COS		2242.53	125.69	-353.93	416.37	-146.01	-98.49	-72.49	-287.44	-30.26	29.04	121.67	8.61	9.53	0.66	-95.93	-4.54
MRPC1FB33P25_SIN		0.00	229.28	-74.45	202.90	113.34	35.01	-24.86	-44.33	-120.61	-78.55	-14.36	59.23	27.80	24.26	49.66	-75.63
MRPC1TOR25P5_COS		-762.88	-51.27	-19.17	-71.74	3.96	9.64	-11.36	26.97	-9.84	-1.61	19.38	-1.01	-5.85	-2.70	-11.93	-5.90
MRPC1TOR25P5_SIN		0.00	137.97	-61.10	-7.03	-2.66	2.60	-1.57	-51.81	-4.75	5.89	2.20	16.11	-0.34	1.15	-6.40	-3.22
MRPLK1LOAD_COS		-82.89	2.38	0.63	-8.78	1.19	1.99	-0.96	5.12	-1.06	-0.39	2.80	-0.72	-0.71	-0.41	-2.03	-1.08
MRPLK1LOAD_SIN		0.00	-11.22	-3.63	-2.63	-1.13	0.70	-0.55	-6.44	-0.28	0.49	0.98	2.11	-0.40	-0.07	-2.23	-0.19
PITCHRH_COS		8982.33	-8855.92	-370.02	-16.87	-46.51	-423.55	-58.62	-58.73	31.21	-31.03	105.56	-101.74	6.16	-19.50	-28.86	-418.28
PITCHRH_SIN		0.00	2415.18	-706.00	86.86	-77.46	559.36	28.21	112.15	-8.81	-92.87	-179.47	11.17	-2.03	67.83	-15.97	213.61
ROLLRH_COS		126.16	-2044.02	785.53	-46.03	-235.88	-1105.48	-117.41	-30.47	103.75	109.83	319.91	-55.06	-24.63	46.12	-38.01	-604.61
ROLLRH_SIN		0.00	-8497.41	-518.67	-38.96	75.45	165.69	-232.42	11.04	33.68	-26.41	7.75	-71.75	19.53	-9.15	-48.29	-527.47
TORQ_COS		31731.56	394.59	-4.03	1.29	-46.14	66.04	-3.68	20.69	-19.95	-0.76	-13.73	2.88	3.85	-2.43	-3.78	12.82
TORQ_SIN		0.00	682.74	-27.07	15.00	-68.80	53.26	3.56	26.03	5.37	-7.15	-0.83	2.41	-7.31	7.33	-9.03	-21.12
THRUST_COS		5690.84	-56.55	5.78	12.00	12.93	43.15	2.49	17.51	-1.39	-4.83	-41.15	3.55	2.05	-0.53	1.85	8.75
THRUST_SIN		0.00	-64.34	7.34	9.91	29.43	-35.53	7.63	6.46	-0.48	1.67	19.08	-5.36	0.69	-0.48	-7.15	42.94

RUN	POINT	Harmonics															
44	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.41	32.05	-18.12	-3.14	6.16	58.36	11.55	-1.70	-1.72	-5.59	-12.76	2.75	0.89	-1.51	0.87	17.45
SIDERH_SIN		0.00	183.30	11.94	2.08	-52.08	-82.12	13.70	-0.38	-0.42	2.34	0.05	3.96	-0.89	0.24	1.08	14.95
DRAGRH_COS		-148.65	232.72	10.70	-2.37	-6.13	39.62	-11.34	-1.87	-1.10	-0.90	1.97	5.55	-0.33	0.76	0.55	17.64
DRAGRH_SIN		0.00	-63.73	14.52	-0.54	8.81	65.04	-28.23	1.69	3.04	5.86	9.14	-4.39	1.18	-2.63	-0.22	-8.52

RUN	POINT	Harmonics															
48	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-9.34	-0.50	-3.48	-2.67	-0.97	-0.28	0.14	0.33	0.23	0.07	0.04	0.05	0.06	0.07	0.04	0.03
ACT1FORCE_SIN		0.00	13.12	0.93	-0.51	-0.54	-0.10	-0.35	-0.19	0.02	0.20	0.07	0.13	0.03	-0.02	0.02	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.65	-7.28	26.82	23.03	11.52	8.25	-0.02	0.00	-0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-104.80	-10.06	8.93	8.56	-2.51	-0.01	-0.02	0.01	-0.01	0.01	-0.01	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.26	7.38	-26.85	-23.10	-11.58	-8.28	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	104.99	10.15	-8.89	-8.56	2.52	0.00	0.02	-0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00
MRBLD1CB42P75_COS		-2139.33	-1617.93	320.68	-23.77	-76.58	-111.09	-101.53	-99.72	-1.32	35.76	52.40	32.26	32.84	21.99	-2.38	6.10
MRBLD1CB42P75_SIN		0.00	534.59	22.63	140.60	101.81	-63.26	39.01	60.44	-10.72	5.87	26.73	66.35	28.27	18.16	6.15	-0.80

RUN	POINT	Harmonics															
48	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3470.65	-1007.25	388.74	-142.99	-37.67	-50.95	-95.88	-66.62	9.83	39.94	26.69	29.92	19.82	15.97	1.63	13.93
MRBLD1CB70_SIN		0.00	433.07	-14.27	157.21	331.88	-64.45	115.62	75.22	0.84	6.27	-5.28	46.20	10.36	8.06	6.60	-0.05
MRBLD1CB120_COS		-524.98	-385.89	394.18	-141.42	-21.22	35.53	-43.02	-28.35	-30.63	-3.04	-1.41	-3.00	-5.75	-6.13	-2.85	2.40
MRBLD1CB120_SIN		0.00	375.18	-104.73	85.31	345.93	-32.69	119.44	41.94	-1.31	7.08	3.40	-25.33	-9.08	-1.49	0.88	2.12
MRBLD1CB164_COS		-1985.66	-122.63	138.92	-85.08	-54.40	50.58	30.20	16.17	-34.29	-20.64	1.15	-6.00	-4.69	-10.56	-5.99	-14.89
MRBLD1CB164_SIN		0.00	161.53	-40.53	25.21	150.94	16.17	41.10	-14.47	-0.53	5.17	20.59	-26.78	-2.69	-0.42	1.50	4.22
MRBLD1FB42P75_COS		2763.45	239.26	-239.09	160.99	-205.71	-197.62	-189.10	-212.34	-148.95	-21.05	116.27	42.51	63.93	44.30	2.06	6.13
MRBLD1FB42P75_SIN		0.00	-71.02	22.17	513.08	-62.38	161.22	82.49	196.24	11.84	-19.41	-8.04	6.34	-12.41	-6.99	7.55	-20.72
MRBLD1FB70_COS		533.56	-4.79	-100.70	17.86	-71.16	-55.18	-35.92	-26.28	-8.19	5.95	4.10	0.98	-4.48	-5.60	0.06	-1.14
MRBLD1FB70_SIN		0.00	-195.54	19.94	159.87	-20.73	24.93	17.78	37.11	4.19	2.16	1.12	2.50	3.11	1.79	-0.95	4.63
MRBLD1FB87_COS		40.06	23.94	-93.43	-11.33	-40.81	-24.24	1.86	20.65	21.81	6.31	-22.68	-8.62	-12.36	-8.21	1.03	-0.55
MRBLD1FB87_SIN		0.00	-221.23	29.71	107.02	-4.34	5.19	-9.06	-21.39	-6.24	-1.40	-1.92	-5.10	2.84	4.12	1.18	7.17
MRBLD1FB120_COS		-348.28	2.41	-175.00	-19.46	-3.65	29.55	39.47	36.63	16.29	-10.10	-5.05	0.47	8.45	6.36	-2.33	1.10
MRBLD1FB120_SIN		0.00	-288.73	57.97	168.05	47.65	-8.41	-20.05	-51.08	-5.53	1.07	0.31	0.48	-4.78	-6.38	-2.52	-10.56
MRBLD1FB164_COS		-8.52	36.18	-250.91	68.77	178.55	86.59	-14.16	-67.75	-35.01	14.24	8.00	0.62	-15.52	-7.42	6.21	4.29
MRBLD1FB164_SIN		0.00	-371.08	62.21	280.50	90.00	-64.79	8.50	69.62	2.85	-0.05	-6.18	-8.70	3.27	5.64	1.09	3.84

RUN	POINT	Harmonics															
48	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-116.64	-12.96	-137.23	22.55	150.30	53.45	-64.37	-60.62	19.68	25.54	-48.91	-19.46	-9.40	2.03	-4.78	0.32
MRBLD1FB180_SIN		0.00	-261.77	46.01	138.85	55.76	-47.61	-3.85	74.53	0.77	-24.94	-15.58	-5.00	0.39	-7.98	-2.69	-9.95
MRBLD1TOR51_COS		-1432.21	88.72	20.45	5.86	-23.13	-26.63	-52.78	-31.28	6.31	12.78	-5.15	-3.22	-1.61	3.67	2.41	4.73
MRBLD1TOR51_SIN		0.00	-75.47	38.64	59.42	-5.45	11.42	38.92	53.18	2.04	-4.09	-10.94	-5.11	-1.39	0.79	-2.21	-4.63
MRBLD1TOR71_COS		-290.60	106.25	2.49	6.98	-11.56	-12.62	-35.88	-16.09	9.18	8.93	-8.63	-4.66	-3.10	2.02	1.85	2.67
MRBLD1TOR71_SIN		0.00	-81.36	29.81	27.34	-11.35	9.97	34.70	45.91	6.57	-1.32	-10.08	-4.89	-2.38	0.03	-1.62	-3.18
MRBLD1TOR130_COS		-52.17	92.22	21.31	10.54	1.10	-1.84	-20.98	-16.81	-1.43	2.93	3.03	-1.03	1.65	-0.01	-1.90	-4.04
MRBLD1TOR130_SIN		0.00	-70.85	20.15	9.21	-2.33	7.53	29.46	37.16	2.64	0.04	4.91	5.98	2.41	1.25	1.22	1.74
MRBLD1TOR164_COS		-252.83	57.90	45.19	6.08	-15.18	-23.74	-16.09	3.18	7.73	-0.62	-2.91	0.68	1.92	-0.44	-2.71	-1.40
MRBLD1TOR164_SIN		0.00	-21.28	2.16	-35.16	-18.41	2.73	15.76	19.29	2.49	-2.84	-1.01	3.54	-0.15	-1.16	0.46	2.55
MRFBM1CB26P5_COS		-2867.67	-752.14	99.97	59.20	-13.86	-17.24	-3.71	-12.32	-4.95	-2.50	6.84	-1.21	2.74	1.29	-0.86	-0.65
MRFBM1CB26P5_SIN		0.00	126.37	39.75	-8.95	-56.26	-12.82	-18.27	-5.11	-5.39	-2.01	8.89	0.31	2.24	1.48	-0.68	-0.84
MRFBM1FB9_COS		471.76	-46.90	11.98	20.53	26.74	27.10	18.34	15.83	3.93	-1.02	-2.48	-0.24	-0.94	-0.46	0.35	-0.68
MRFBM1FB9_SIN		0.00	48.10	5.66	-157.57	5.40	-0.70	2.39	-0.35	4.36	0.18	-2.96	-2.29	-2.41	-1.72	-0.33	-0.43
MRFBM1TOR26P5_COS		-245.89	88.73	0.43	0.23	0.05	-0.22	-0.85	-0.16	0.17	0.33	-0.13	0.02	-0.06	-0.01	0.05	0.08
MRFBM1TOR26P5_SIN		0.00	-140.11	0.69	-0.13	0.47	-0.12	0.53	0.40	0.04	-0.01	-0.24	-0.29	0.01	0.01	-0.01	-0.05

RUN	POINT	Harmonics															
48	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-737.99	-1423.22	239.23	48.04	-73.99	-99.67	-73.97	-88.80	-22.28	16.24	48.00	21.95	28.98	18.06	-3.99	5.44
MRPC1CB33P25_SIN		0.00	522.59	14.77	93.87	-22.66	-25.31	3.54	33.54	-22.88	-4.65	29.05	39.84	20.25	14.35	3.62	-1.61
MRPC1FB33P25_COS		2013.31	179.64	-234.55	60.92	-151.09	-202.81	-182.84	-244.20	-117.73	-7.21	89.96	25.92	51.88	34.37	-5.60	21.84
MRPC1FB33P25_SIN		0.00	87.17	-36.08	450.50	-78.66	74.94	-0.12	66.67	-60.62	-27.10	60.88	33.81	34.76	30.11	7.89	-5.24
MRPC1TOR25P5_COS		-606.68	-22.44	-72.16	18.58	20.84	24.88	49.82	20.15	-10.20	-15.84	13.40	6.59	6.91	-0.25	-4.16	-5.48
MRPC1TOR25P5_SIN		0.00	-13.03	-80.64	-60.08	17.65	-11.03	-34.72	-55.93	-7.16	4.20	18.60	15.20	3.83	1.25	4.39	6.27
MRPLK1LOAD_COS		-42.89	-2.43	-5.47	-1.27	2.42	3.81	7.88	4.29	-1.31	-2.58	1.70	0.39	0.89	-0.12	-0.74	-1.16
MRPLK1LOAD_SIN		0.00	-11.77	-7.73	-7.47	0.52	-0.53	-5.74	-7.96	-0.50	0.49	2.68	2.59	0.49	0.02	0.58	1.10
PITCHRH_COS		9691.83	-9057.06	-255.39	46.83	-66.91	-970.65	-125.86	-12.81	-23.94	-72.01	42.38	-2.92	43.06	-27.97	-1.57	-76.54
PITCHRH_SIN		0.00	1341.77	-549.67	63.04	-31.19	-470.27	-116.49	127.09	56.62	-18.15	-127.62	-35.44	5.57	13.01	-17.84	-17.61
ROLLRH_COS		1587.23	-1177.64	493.61	-31.60	11.41	30.22	81.67	-34.65	-144.50	84.69	318.71	23.65	-7.22	18.39	-45.19	10.50
ROLLRH_SIN		0.00	-8954.48	-273.36	22.11	-0.26	352.88	-76.09	-74.65	-348.54	-111.21	-28.87	-12.35	2.58	25.48	-18.02	147.04
TORQ_COS		64756.63	328.95	21.65	26.54	-4.97	145.60	2.81	34.73	-5.99	1.17	-23.27	4.25	1.59	-0.16	0.08	2.82
TORQ_SIN		0.00	724.65	-23.76	2.78	-76.03	136.74	8.12	17.72	-4.06	-5.37	-37.31	7.32	-6.70	8.17	-2.01	-5.24
THRUST_COS		5753.03	-80.31	6.00	9.39	5.24	89.57	-1.95	24.13	0.37	0.48	-42.50	3.37	-2.55	1.75	1.78	-22.17
THRUST_SIN		0.00	-94.30	1.16	1.42	24.88	-48.56	8.13	0.49	-2.36	1.37	4.62	3.35	1.30	0.23	-6.00	-8.24

RUN	POINT	Harmonics															
48	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-173.87	43.08	-11.09	-2.68	-1.76	-30.95	-2.88	0.11	4.29	-3.35	-16.02	-1.47	0.30	-0.60	1.29	-0.19
SIDERH_SIN		0.00	233.05	4.21	-0.08	-4.14	-73.75	6.24	0.21	8.59	5.97	2.92	-0.04	-0.31	-0.78	0.53	-4.50
DRAGRH_COS		-176.56	232.95	10.57	-1.59	6.05	134.63	1.58	-3.60	-3.74	2.10	4.55	0.60	-1.86	1.13	-0.20	4.28
DRAGRH_SIN		0.00	-40.42	10.57	-0.70	5.16	11.67	14.61	-2.36	-4.95	3.43	6.04	2.45	0.50	-1.45	0.24	0.39

RUN	POINT	Harmonics															
48	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-9.80	-0.51	-3.62	-2.73	-1.04	-0.38	0.22	0.27	0.22	0.07	0.02	0.02	0.07	0.04	0.04	0.03
ACT1FORCE_SIN		0.00	13.21	0.89	-0.34	-0.55	-0.10	-0.25	-0.18	0.03	0.11	0.07	0.10	0.02	-0.04	0.00	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		433.65	-6.88	28.36	22.81	12.47	8.73	-0.01	-0.01	0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-104.68	-10.38	7.66	8.51	-2.44	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		372.05	6.94	-28.40	-22.87	-12.52	-8.76	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	104.88	10.46	-7.64	-8.53	2.44	-0.01	0.00	0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-2150.30	-1597.40	323.06	-24.38	-83.56	-120.99	-105.87	-77.57	-3.83	33.76	51.54	28.81	31.43	21.42	-7.56	7.44
MRBLD1CB42P75_SIN		0.00	422.23	22.87	144.35	110.21	-80.61	29.07	69.20	-11.02	8.63	33.12	60.80	28.72	19.06	5.20	-0.79

RUN	POINT	Harmonics															
48	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3481.70	-989.85	387.36	-148.27	-51.68	-87.61	-99.55	-44.98	8.64	38.33	29.13	28.14	20.24	17.02	-0.18	15.13
MRBLD1CB70_SIN		0.00	357.85	-14.20	158.73	354.55	-81.18	99.60	79.34	0.76	10.20	-6.47	42.26	11.43	8.32	7.28	1.49
MRBLD1CB120_COS		-517.96	-374.40	392.76	-144.33	-42.02	-11.95	-40.00	-9.93	-28.52	-1.47	0.34	-0.49	-4.62	-5.00	-1.20	3.37
MRBLD1CB120_SIN		0.00	337.05	-103.42	80.10	357.04	-41.25	104.28	40.59	-1.86	6.45	2.14	-22.98	-8.55	-1.62	1.00	2.76
MRBLD1CB164_COS		-1991.47	-120.71	139.43	-86.89	-64.97	30.37	32.98	16.98	-31.59	-18.89	-0.13	-4.43	-4.40	-10.70	-5.19	-14.54
MRBLD1CB164_SIN		0.00	152.61	-38.62	22.88	153.01	14.26	36.89	-17.18	-1.76	3.46	23.16	-24.41	-2.85	-0.79	0.56	2.49
MRBLD1FB42P75_COS		2780.45	232.94	-236.24	164.73	-229.03	-202.27	-183.26	-152.58	-150.63	-19.95	126.24	39.85	64.61	45.31	-4.21	11.32
MRBLD1FB42P75_SIN		0.00	-46.63	18.46	523.71	-121.17	144.02	74.19	181.38	6.77	-21.64	9.28	4.55	-11.53	-5.76	14.05	-24.13
MRBLD1FB70_COS		536.29	-5.58	-97.66	19.16	-77.55	-57.68	-34.92	-15.48	-8.84	5.67	3.85	0.60	-4.95	-6.21	0.92	-2.54
MRBLD1FB70_SIN		0.00	-194.83	18.74	163.65	-37.00	20.04	15.34	34.19	3.65	1.95	1.09	2.53	3.14	1.83	-2.16	5.22
MRBLD1FB87_COS		38.73	20.77	-92.23	-12.02	-44.05	-25.31	1.80	15.32	22.15	6.19	-24.45	-7.63	-12.35	-8.26	2.85	-1.06
MRBLD1FB87_SIN		0.00	-218.76	29.66	110.18	-10.05	5.38	-7.73	-19.43	-4.72	-0.39	-5.36	-4.32	2.62	3.64	-0.67	7.65
MRBLD1FB120_COS		-350.37	-0.42	-173.08	-21.98	-2.14	31.48	39.87	22.13	16.87	-9.84	-4.80	0.12	8.84	7.00	-4.65	2.25
MRBLD1FB120_SIN		0.00	-284.03	54.81	174.94	52.86	-5.63	-17.31	-47.77	-5.45	0.42	0.79	-0.07	-4.64	-5.72	0.30	-11.00
MRBLD1FB164_COS		-2.37	32.89	-250.45	66.99	183.87	90.28	-13.38	-48.00	-34.59	12.76	7.90	1.18	-16.46	-8.07	7.11	4.16
MRBLD1FB164_SIN		0.00	-362.96	54.39	289.22	114.50	-55.54	5.81	66.88	1.65	-0.69	-7.12	-8.44	2.73	4.96	-0.73	4.48

RUN	POINT	Harmonics															
48	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-111.78	-16.23	-137.62	22.49	152.95	54.89	-65.13	-42.07	19.13	24.54	-52.19	-18.58	-8.52	3.51	-6.87	2.02
MRBLD1FB180_SIN		0.00	-256.10	42.45	140.63	71.25	-41.32	-8.36	70.83	2.81	-23.36	-23.35	-4.82	-0.12	-8.22	0.57	-10.35
MRBLD1TOR51_COS		-1431.45	87.50	20.13	5.69	-22.48	-25.07	-54.08	-20.59	6.88	12.76	-5.03	-3.21	-1.05	3.75	1.60	5.27
MRBLD1TOR51_SIN		0.00	-73.87	38.02	60.81	-11.47	10.05	38.32	49.40	2.27	-3.40	-12.45	-5.33	-1.56	1.08	-1.77	-4.35
MRBLD1TOR71_COS		-286.20	105.06	2.55	7.14	-10.28	-10.33	-37.16	-8.86	9.79	8.98	-8.50	-4.52	-2.72	2.19	1.31	2.93
MRBLD1TOR71_SIN		0.00	-78.43	29.25	28.11	-15.53	9.67	34.75	41.70	6.67	-1.11	-11.98	-4.85	-2.46	0.24	-1.39	-3.04
MRBLD1TOR130_COS		-48.11	91.64	21.46	10.71	2.43	0.35	-21.97	-10.49	-1.03	3.24	2.34	-1.16	1.30	0.28	-1.81	-4.13
MRBLD1TOR130_SIN		0.00	-68.09	19.95	9.00	-3.48	7.56	28.96	34.22	2.24	-0.19	5.61	5.58	2.53	1.23	1.01	1.60
MRBLD1TOR164_COS		-250.33	58.50	44.90	6.49	-14.37	-22.60	-16.55	5.17	7.86	-0.45	-3.07	0.74	1.70	-0.08	-3.00	-1.37
MRBLD1TOR164_SIN		0.00	-20.31	2.88	-36.35	-22.76	0.61	15.38	17.68	2.32	-2.82	-1.62	3.79	0.10	-1.16	0.37	2.78
MRFBM1CB26P5_COS		-2850.54	-732.41	101.74	61.10	-13.37	-9.37	-3.83	-11.73	-5.34	-2.23	6.09	-1.21	2.67	1.18	-1.64	-0.22
MRFBM1CB26P5_SIN		0.00	77.61	39.30	-9.11	-56.55	-13.81	-17.22	-3.76	-5.39	-2.48	11.25	0.13	2.11	1.59	-1.01	-0.79
MRFBM1FB9_COS		488.59	-56.16	8.39	21.14	27.26	28.07	17.67	12.97	3.74	-1.06	-2.22	-0.26	-0.89	-0.41	0.49	-0.74
MRFBM1FB9_SIN		0.00	68.77	6.48	-160.86	12.43	1.16	2.77	-1.92	4.58	0.14	-3.38	-2.20	-2.40	-1.67	-0.17	-0.63
MRFBM1TOR26P5_COS		-245.07	91.14	0.37	0.28	0.08	-0.27	-0.87	-0.08	0.17	0.31	-0.11	0.03	-0.05	-0.03	0.06	0.07
MRFBM1TOR26P5_SIN		0.00	-137.40	0.67	-0.11	0.49	-0.13	0.53	0.34	0.06	0.03	-0.29	-0.29	0.01	0.01	0.00	-0.05

RUN	POINT	Harmonics															
48	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-754.55	-1414.97	243.15	50.44	-76.98	-97.19	-74.98	-70.16	-24.33	15.90	47.23	19.45	27.58	17.81	-8.63	7.17
MRPC1CB33P25_SIN		0.00	421.78	14.72	96.59	-25.94	-37.52	-1.28	40.60	-22.78	-3.48	37.03	36.42	20.88	15.51	2.84	-1.53
MRPC1FB33P25_COS		2020.40	171.80	-232.18	61.64	-157.94	-203.16	-174.67	-191.07	-116.79	-4.36	86.97	24.80	51.75	34.68	-15.13	27.59
MRPC1FB33P25_SIN		0.00	108.44	-39.59	460.10	-131.43	59.30	-5.97	79.43	-64.78	-28.35	78.97	31.22	36.49	31.79	6.83	-2.51
MRPC1TOR25P5_COS		-615.71	-17.20	-71.20	19.67	19.43	22.16	51.26	11.16	-10.86	-15.61	12.51	6.48	5.98	0.08	-4.51	-5.69
MRPC1TOR25P5_SIN		0.00	-12.31	-81.96	-60.15	22.99	-10.67	-35.62	-51.21	-7.75	2.97	21.46	14.66	4.25	1.29	3.41	6.17
MRPLK1LOAD_COS		-43.83	-1.54	-5.42	-1.40	2.34	3.53	8.08	2.81	-1.40	-2.52	1.58	0.38	0.73	-0.01	-0.78	-1.19
MRPLK1LOAD_SIN		0.00	-11.70	-7.59	-7.68	1.25	-0.38	-5.72	-7.24	-0.61	0.25	3.14	2.53	0.54	0.03	0.45	1.12
PITCHRH_COS		9751.92	-9127.57	-281.49	42.19	-30.43	-1052.11	-59.34	-18.51	0.26	-49.84	55.20	0.30	26.71	-19.70	-2.88	-92.85
PITCHRH_SIN		0.00	1271.72	-541.58	71.42	-57.94	-599.77	8.97	105.79	21.76	-12.86	-133.85	-21.18	1.26	2.50	-16.11	-28.23
ROLLRH_COS		1124.86	-1087.85	486.54	-48.99	31.07	196.36	17.07	-35.50	-35.48	94.36	322.02	2.89	-5.46	12.65	-46.24	22.05
ROLLRH_SIN		0.00	-9002.65	-293.23	33.01	-29.41	224.48	-136.13	-45.49	-435.15	-106.95	-21.41	-15.94	-6.85	36.13	-1.80	103.53
TORQ_COS		65225.40	323.38	15.94	29.76	8.90	139.08	2.61	35.35	-5.13	0.97	-21.98	3.82	2.85	-0.84	0.47	3.35
TORQ_SIN		0.00	750.62	-19.10	10.05	-109.51	162.21	8.49	10.54	-4.42	-5.07	-46.31	8.91	-4.88	6.55	-2.74	-5.05
THRUST_COS		5817.09	-81.34	4.51	11.21	1.87	96.59	3.20	22.37	0.31	-0.67	-44.09	2.95	-1.71	2.02	1.02	-22.60
THRUST_SIN		0.00	-102.70	0.97	1.15	28.45	-41.78	9.11	-3.78	-2.75	0.90	-3.14	2.19	1.17	-0.71	-6.82	-9.24

RUN	POINT	Harmonics															
48	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.66	42.42	-11.07	-2.76	4.30	-32.02	5.12	-1.08	1.24	-4.36	-16.36	-0.70	0.30	-0.53	1.24	-0.53
SIDERH_SIN		0.00	235.64	4.98	-0.74	-3.87	-62.06	8.28	0.15	10.32	5.92	2.48	-0.07	0.02	-1.10	0.05	-3.19
DRAGRH_COS		-167.96	236.02	10.60	-1.30	6.11	140.87	8.36	-1.96	-4.01	-0.18	2.44	-0.08	-1.88	0.69	0.11	4.99
DRAGRH_SIN		0.00	-40.17	9.24	-1.72	-0.07	-4.24	-1.95	0.96	-3.29	2.43	7.20	2.24	1.38	-0.94	0.53	1.07

RUN	POINT	Harmonics															
48	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.66	-0.52	-3.52	-2.68	-0.88	-0.37	0.26	0.22	0.23	0.06	0.03	0.01	0.08	0.04	0.05	0.05
ACT1FORCE_SIN		0.00	12.87	0.94	-0.45	-0.47	-0.11	-0.29	-0.25	0.00	0.12	0.09	0.08	0.03	-0.06	0.02	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		419.11	-6.26	27.30	22.02	10.93	7.57	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-101.71	-10.64	8.91	7.41	-1.59	-0.02	0.00	0.02	-0.01	0.00	0.00	0.00	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		386.57	6.29	-27.34	-22.07	-10.96	-7.60	0.00	-0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	101.91	10.69	-8.91	-7.44	1.57	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-2131.86	-1751.84	316.89	-31.71	-83.35	-105.28	-102.33	-81.29	-8.35	35.81	57.15	30.61	31.22	20.11	-3.91	5.55
MRBLD1CB42P75_SIN		0.00	386.24	21.10	133.21	100.43	-63.06	26.63	84.19	-13.63	5.48	29.67	61.93	28.48	19.98	5.77	1.35

RUN	POINT	Harmonics															
48	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3491.90	-1087.91	378.10	-148.12	-56.34	-48.58	-95.77	-50.07	4.76	37.68	37.17	28.25	18.10	15.51	2.32	13.00
MRBLD1CB70_SIN		0.00	337.90	-13.82	146.37	338.12	-48.32	95.18	88.45	-1.19	6.28	-12.77	41.82	10.39	9.29	5.95	1.27
MRBLD1CB120_COS		-522.02	-410.55	381.11	-143.66	-40.11	32.69	-39.27	-13.82	-25.52	-4.94	-6.25	-2.63	-6.16	-6.12	-2.43	1.56
MRBLD1CB120_SIN		0.00	335.52	-103.61	71.50	348.10	-8.97	101.26	44.73	-3.05	5.83	3.44	-25.10	-9.69	-2.23	1.36	2.10
MRBLD1CB164_COS		-1988.07	-127.99	134.62	-87.54	-63.71	47.10	31.01	15.61	-27.17	-21.19	-9.80	-4.84	-4.02	-10.62	-7.29	-13.53
MRBLD1CB164_SIN		0.00	152.75	-38.00	20.05	151.71	28.98	35.08	-20.97	-0.38	4.63	27.61	-25.54	-3.02	-1.49	1.45	4.30
MRBLD1FB42P75_COS		2758.41	278.31	-228.19	132.25	-191.40	-194.62	-180.42	-139.18	-147.08	-18.95	120.71	38.71	64.37	44.19	1.39	10.25
MRBLD1FB42P75_SIN		0.00	-41.71	20.79	499.38	-100.01	153.84	78.82	229.02	4.67	-18.63	28.33	4.23	-10.07	-3.88	10.02	-16.99
MRBLD1FB70_COS		534.21	-5.65	-94.26	7.75	-67.39	-53.69	-34.65	-12.94	-8.42	6.43	4.79	1.05	-4.30	-5.62	-0.07	-2.13
MRBLD1FB70_SIN		0.00	-193.80	18.62	154.90	-31.41	23.45	15.11	41.91	2.70	1.23	0.71	2.41	2.77	1.59	-1.34	3.54
MRBLD1FB87_COS		39.06	21.79	-88.52	-17.39	-40.28	-23.32	1.14	13.76	21.35	5.13	-24.08	-7.79	-12.77	-7.97	1.96	-0.49
MRBLD1FB87_SIN		0.00	-218.22	28.99	105.73	-8.08	5.83	-8.04	-24.61	-5.07	-1.59	-10.11	-4.97	1.51	2.22	0.04	6.14
MRBLD1FB120_COS		-348.05	-3.05	-166.25	-26.96	-4.34	28.97	37.41	18.37	15.65	-10.09	-5.06	-0.10	8.23	6.22	-3.99	0.88
MRBLD1FB120_SIN		0.00	-286.06	57.66	168.98	50.73	-5.31	-17.14	-57.75	-3.82	1.34	2.68	0.17	-3.84	-4.62	-1.17	-9.19
MRBLD1FB164_COS		-8.73	30.64	-240.83	62.45	176.41	83.18	-8.61	-43.44	-33.69	14.72	7.88	1.10	-16.32	-7.21	7.15	4.73
MRBLD1FB164_SIN		0.00	-367.68	57.69	278.04	101.91	-63.37	6.38	80.98	-0.18	-1.28	-10.04	-7.44	2.11	3.85	0.22	3.94

RUN	POINT	Harmonics															
48	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-117.85	-16.20	-133.08	20.59	148.10	49.51	-61.15	-37.19	19.77	24.12	-51.20	-18.10	-9.40	2.33	-5.82	0.50
MRBLD1FB180_SIN		0.00	-258.89	43.25	135.89	63.79	-46.80	-7.57	84.46	1.73	-24.14	-29.62	-4.87	0.18	-6.78	-1.22	-7.95
MRBLD1TOR51_COS		-1431.63	84.39	21.22	3.17	-20.98	-24.16	-55.28	-17.02	7.54	11.97	-4.60	-3.25	-1.67	2.79	1.46	3.84
MRBLD1TOR51_SIN		0.00	-75.31	36.79	56.99	-8.50	14.13	36.34	58.09	2.06	-3.16	-13.80	-5.56	-1.35	0.92	-2.64	-4.87
MRBLD1TOR71_COS		-287.73	104.04	3.57	5.57	-9.85	-10.43	-38.09	-4.87	10.73	8.56	-7.72	-4.36	-3.08	1.75	1.29	2.15
MRBLD1TOR71_SIN		0.00	-79.34	28.39	25.71	-13.28	12.02	32.79	47.64	6.68	-0.64	-13.21	-4.93	-2.47	0.21	-1.70	-3.56
MRBLD1TOR130_COS		-49.05	90.50	21.87	10.50	1.97	0.26	-22.74	-7.24	0.19	3.58	2.15	-0.55	1.68	0.85	-1.38	-3.22
MRBLD1TOR130_SIN		0.00	-69.24	19.12	8.26	-3.14	8.86	27.40	39.34	1.94	0.17	5.62	5.38	2.03	1.54	1.67	1.75
MRBLD1TOR164_COS		-250.30	57.56	43.77	6.89	-14.26	-21.74	-17.35	6.46	8.03	-0.42	-2.69	0.83	1.62	0.28	-2.32	-1.12
MRBLD1TOR164_SIN		0.00	-20.63	2.07	-34.98	-20.79	3.11	14.70	19.25	2.10	-2.91	-1.85	3.51	-0.24	-0.94	1.21	3.24
MRFBM1CB26P5_COS		-2847.85	-805.90	100.11	57.50	-11.63	-15.08	-4.07	-11.21	-5.75	-2.14	3.88	-1.32	2.60	0.87	-1.42	-0.75
MRFBM1CB26P5_SIN		0.00	54.90	36.96	-9.51	-57.49	-17.09	-16.76	-2.39	-5.55	-2.03	12.55	0.29	2.36	1.41	-0.53	-0.38
MRFBM1FB9_COS		454.86	15.02	6.96	26.62	24.24	26.67	18.21	14.41	3.86	-0.93	-1.90	-0.17	-0.79	-0.28	0.40	-0.43
MRFBM1FB9_SIN		0.00	65.27	7.25	-151.01	8.48	-1.17	2.64	-4.29	4.68	0.24	-3.34	-2.12	-2.29	-1.66	-0.25	-0.56
MRFBM1TOR26P5_COS		-245.03	88.59	0.46	0.21	0.07	-0.21	-0.92	-0.06	0.17	0.29	-0.09	0.00	-0.05	-0.04	0.04	0.06
MRFBM1TOR26P5_SIN		0.00	-140.01	0.69	-0.16	0.47	-0.05	0.51	0.41	0.06	0.00	-0.30	-0.28	0.03	0.00	-0.03	-0.05

RUN	POINT	Harmonics															
48	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-712.02	-1549.56	237.39	41.38	-72.59	-94.43	-73.15	-71.77	-27.03	17.09	46.45	21.00	27.92	16.56	-5.04	4.96
MRPC1CB33P25_SIN		0.00	395.98	12.73	89.39	-28.00	-30.51	-1.71	54.59	-24.69	-4.59	38.16	36.54	20.70	15.89	3.97	0.62
MRPC1FB33P25_COS		1998.68	213.89	-226.08	38.32	-131.20	-198.24	-173.71	-199.99	-113.01	-5.61	72.96	25.13	50.02	32.79	-6.78	20.98
MRPC1FB33P25_SIN		0.00	116.04	-33.39	433.84	-106.03	70.27	-0.44	121.85	-65.37	-25.74	89.20	29.88	36.42	31.44	8.58	0.31
MRPC1TOR25P5_COS		-612.57	-17.73	-74.47	20.00	19.61	22.22	53.94	6.30	-11.72	-14.91	12.15	7.14	6.49	1.81	-2.76	-4.07
MRPC1TOR25P5_SIN		0.00	-15.08	-76.54	-59.57	19.78	-14.44	-32.05	-58.74	-7.44	2.81	23.02	15.16	3.36	1.44	5.51	6.86
MRPLK1LOAD_COS		-43.58	-2.03	-5.44	-0.96	2.12	3.55	8.36	2.18	-1.46	-2.35	1.45	0.53	0.80	0.28	-0.47	-0.88
MRPLK1LOAD_SIN		0.00	-12.08	-7.31	-7.21	0.97	-0.98	-5.42	-8.43	-0.58	0.28	3.37	2.58	0.32	0.09	0.89	1.18
PITCHRH_COS		8362.31	-9137.83	-251.60	44.32	-43.06	-883.87	-24.67	-15.27	36.35	-56.88	34.90	-5.14	33.75	-22.51	-12.13	-67.96
PITCHRH_SIN		0.00	1305.40	-549.68	25.85	-48.51	-529.26	-154.64	146.36	98.14	-12.00	-135.35	-15.20	12.64	24.03	-14.71	-29.36
ROLLRH_COS		1182.62	-1142.25	511.11	-62.10	18.55	133.22	98.59	-27.47	-144.47	91.78	283.96	16.43	8.10	19.59	-29.81	90.67
ROLLRH_SIN		0.00	-9039.30	-283.15	27.93	-14.29	419.04	-49.61	-84.40	-409.70	-107.92	-44.71	-27.15	4.36	27.44	3.05	120.53
TORQ_COS		65344.46	310.36	17.59	32.79	15.00	134.71	3.57	29.00	-0.31	0.77	-14.95	4.23	2.75	0.38	0.75	2.54
TORQ_SIN		0.00	748.54	-19.00	6.40	-78.18	149.52	7.45	14.80	-4.52	-4.79	-51.31	7.58	-6.16	7.64	-2.99	-6.18
THRUST_COS		5716.09	-80.51	5.17	13.31	4.29	92.79	-1.71	20.99	-0.57	0.65	-37.44	2.51	-2.33	2.57	-0.69	-25.59
THRUST_SIN		0.00	-92.70	1.73	0.24	24.48	-48.90	5.13	-1.12	-3.04	1.01	-6.34	0.46	0.10	-0.47	-6.76	-10.14

RUN	POINT	Harmonics															
48	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-176.33	42.44	-13.07	-3.22	-0.82	-39.59	-4.56	0.23	4.18	-3.69	-14.79	-1.12	-0.13	-0.61	0.93	-2.47
SIDERH_SIN		0.00	235.86	5.74	0.47	-2.77	-71.69	1.05	1.70	9.71	5.85	3.90	0.75	-0.28	-0.72	0.02	-3.58
DRAGRH_COS		-175.93	237.03	8.41	-2.49	5.92	135.80	-9.32	0.36	-5.27	1.43	3.70	1.33	-2.31	0.59	0.50	4.13
DRAGRH_SIN		0.00	-39.47	9.27	-0.67	2.42	1.88	10.94	-2.09	-4.28	2.70	6.54	1.68	0.68	-2.18	0.42	0.71

RUN	POINT	Harmonics															
48	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-9.63	-0.29	-0.20	-3.56	-2.88	-0.83	-0.13	0.60	0.24	0.05	0.01	0.19	0.26	0.10	0.20	0.01
ACT1FORCE_SIN		0.00	12.21	1.74	1.02	0.55	-0.89	-0.31	-0.39	0.16	0.04	-0.12	0.05	0.02	-0.07	0.03	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		332.70	-8.50	-3.70	30.12	26.33	10.33	0.01	-0.04	-0.07	0.02	0.02	-0.03	0.00	-0.01	0.00	0.04
FA1IBVOLTAGE_SIN		0.00	-93.62	-13.98	-8.65	-3.96	6.70	-0.02	0.04	-0.05	-0.07	0.03	0.01	0.00	0.00	-0.04	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		473.13	8.57	3.75	-30.14	-26.40	-10.39	-0.04	0.04	0.07	-0.01	-0.02	0.03	0.00	0.01	0.01	-0.04
FA1OBVOLTAGE_SIN		0.00	93.80	14.03	8.72	4.04	-6.69	0.00	-0.05	0.04	0.06	-0.03	-0.01	0.00	0.00	0.03	0.01
MRBLD1CB42P75_COS		-3506.43	-1315.15	7.75	225.38	-19.15	-59.79	-39.27	-138.07	32.34	32.26	-13.72	3.57	-7.89	-7.36	-25.93	-6.27
MRBLD1CB42P75_SIN		0.00	21.09	-31.08	49.89	168.20	-7.39	14.86	20.38	-55.70	-2.71	-84.96	46.81	14.03	7.71	32.23	-27.46

RUN	POINT	Harmonics															
48	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2767.49	-820.67	280.14	126.98	8.30	-28.29	-54.13	-92.20	21.80	32.10	-23.71	7.07	-3.44	-4.45	-17.01	-9.86
MRBLD1CB70_SIN		0.00	45.03	-58.40	87.41	304.79	22.48	65.99	41.53	-31.31	2.41	-67.50	23.02	9.45	3.64	23.79	-27.26
MRBLD1CB120_COS		-566.55	-349.63	417.98	124.43	20.74	23.15	-43.63	-27.22	-31.18	-3.61	32.42	4.31	6.91	6.33	-1.67	0.84
MRBLD1CB120_SIN		0.00	135.12	-147.29	10.40	282.50	39.83	83.39	34.35	2.19	-8.83	53.14	-16.94	0.63	0.37	-3.20	-8.98
MRBLD1CB164_COS		-1958.87	-114.93	136.28	23.99	-31.90	14.39	-2.07	36.69	-30.09	-11.45	32.91	2.61	8.06	6.47	10.59	1.54
MRBLD1CB164_SIN		0.00	88.50	-53.58	14.95	116.40	25.53	26.77	1.42	2.14	-20.42	59.90	-4.90	3.90	0.94	-12.64	20.54
MRBLD1FB42P75_COS		3038.31	179.41	-409.98	477.98	-103.10	-71.24	-88.89	-291.49	-103.30	-33.42	74.23	53.99	28.38	20.04	19.58	-72.05
MRBLD1FB42P75_SIN		0.00	-19.87	-8.93	108.27	128.19	87.17	17.73	110.58	-91.46	-85.94	-79.26	35.68	11.84	12.95	80.02	-29.10
MRBLD1FB70_COS		423.96	3.00	-199.22	136.24	-42.35	-15.56	-8.94	-41.55	-3.05	2.45	-1.69	-1.42	-2.16	-3.64	-2.94	16.97
MRBLD1FB70_SIN		0.00	-208.62	20.71	27.41	30.19	8.83	7.15	29.01	-6.06	2.07	2.88	2.47	1.82	-1.06	-18.02	5.88
MRBLD1FB87_COS		-66.56	30.32	-165.51	38.60	-48.25	-23.28	-4.38	28.40	16.38	9.45	-8.54	-11.32	-4.51	-4.17	-7.67	10.95
MRBLD1FB87_SIN		0.00	-207.46	46.79	54.58	18.45	1.47	-3.42	-11.78	9.14	11.34	18.92	-7.92	-1.89	-0.64	-15.85	5.54
MRBLD1FB120_COS		-478.27	31.28	-248.54	2.04	-21.39	-1.97	10.85	59.71	5.39	-8.45	-5.18	3.63	4.91	5.21	8.06	-18.06
MRBLD1FB120_SIN		0.00	-258.24	92.14	126.74	33.94	-0.88	-18.31	-44.01	10.35	-1.17	-9.00	1.88	-3.07	-1.15	24.09	-8.49
MRBLD1FB164_COS		-160.01	66.52	-350.53	54.28	128.71	66.46	7.56	-89.25	-10.48	8.91	3.32	-3.64	-2.46	-1.16	-1.86	8.09
MRBLD1FB164_SIN		0.00	-321.99	99.99	157.21	11.31	-24.54	18.08	49.93	-21.48	-1.14	15.74	-4.41	-1.76	0.81	-10.37	5.40

RUN	POINT	Harmonics															
48	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.25	8.88	-197.96	23.26	102.19	48.34	-18.44	-85.09	11.64	14.69	-22.65	-13.89	11.84	11.96	5.69	-24.61
MRBLD1FB180_SIN		0.00	-220.76	63.56	75.26	3.36	-15.73	18.11	55.28	-20.66	-7.57	34.08	-7.48	-2.13	-5.48	26.12	-9.22
MRBLD1TOR51_COS		-1407.38	73.51	-23.02	73.95	-10.96	-20.14	0.76	-31.07	8.62	4.98	-8.29	-1.43	3.18	2.52	-2.94	-0.25
MRBLD1TOR51_SIN		0.00	-80.13	8.74	26.04	13.55	4.84	0.92	45.53	-1.76	-5.73	-2.69	-4.63	0.70	1.38	4.86	-9.38
MRBLD1TOR71_COS		-264.66	88.16	-30.63	53.06	-1.69	-10.45	7.17	-15.20	7.23	2.12	-9.01	-1.86	2.77	3.38	-2.39	-0.85
MRBLD1TOR71_SIN		0.00	-81.42	3.78	8.92	-0.15	4.06	4.17	45.35	6.37	-1.15	1.47	-4.51	-0.38	0.51	2.36	-5.01
MRBLD1TOR130_COS		-37.29	77.53	-8.84	30.42	12.09	-5.65	6.15	-15.99	4.63	2.51	3.42	-1.27	-0.07	-0.34	-3.05	-2.54
MRBLD1TOR130_SIN		0.00	-66.32	0.59	0.16	-1.01	6.68	7.12	34.82	1.96	-0.36	4.71	8.96	2.87	0.24	-1.74	4.59
MRBLD1TOR164_COS		-223.75	40.73	48.73	5.84	-5.92	-13.90	-2.37	-1.40	5.18	3.03	-0.18	0.16	1.75	2.37	-3.75	-3.48
MRBLD1TOR164_SIN		0.00	-23.36	-6.66	-24.48	-5.39	5.54	7.37	21.09	3.82	-0.59	4.43	5.78	3.38	0.69	1.40	-0.86
MRFBM1CB26P5_COS		-4545.31	-534.11	-38.45	83.17	3.67	-10.10	2.35	-16.07	0.62	-0.08	6.05	0.08	0.12	-0.05	-4.29	-0.40
MRFBM1CB26P5_SIN		0.00	-50.45	4.42	-20.75	-21.16	-11.34	-15.43	-5.91	-10.53	-3.24	-0.61	3.52	1.22	1.44	3.21	-3.70
MRFBM1FB9_COS		390.49	-125.63	164.25	-93.07	22.89	12.48	7.83	16.29	-1.81	-2.19	-3.41	0.45	0.75	0.69	2.06	-0.97
MRFBM1FB9_SIN		0.00	-33.31	29.71	-79.30	-17.19	-3.18	4.66	6.45	6.23	1.78	1.17	-2.39	-1.17	-0.12	-0.96	2.15
MRFBM1TOR26P5_COS		-352.53	80.31	-0.83	0.50	-0.45	0.03	0.12	-0.23	0.20	-0.04	-0.16	0.07	-0.02	0.02	0.20	0.08
MRFBM1TOR26P5_SIN		0.00	-99.19	-0.07	-0.01	0.11	-0.39	0.26	0.22	0.16	0.08	-0.11	-0.18	0.01	0.03	0.00	-0.02

RUN	POINT	Harmonics															
48	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1233.95	-1202.38	-67.29	252.23	-24.51	-53.87	-27.94	-124.55	12.78	19.11	10.23	4.72	-2.13	-3.11	-24.74	-5.97
MRPC1CB33P25_SIN		0.00	30.92	-8.22	1.79	79.47	-8.79	-6.73	3.77	-58.53	-16.60	-47.96	38.05	12.47	9.43	29.87	-29.40
MRPC1FB33P25_COS		2295.72	116.00	-353.87	375.18	-119.17	-83.39	-78.12	-273.59	-34.99	20.83	98.84	16.70	10.70	2.07	-61.87	-16.61
MRPC1FB33P25_SIN		0.00	139.36	-80.04	180.67	90.40	52.03	-17.96	-32.89	-119.00	-81.45	-18.69	60.34	28.36	25.26	67.10	-82.68
MRPC1TOR25P5_COS		-755.99	-59.32	-18.40	-70.86	4.91	10.14	-7.90	19.96	-11.08	-1.39	12.95	2.33	-5.03	-2.53	-10.83	-7.15
MRPC1TOR25P5_SIN		0.00	128.91	-63.59	-2.55	-7.88	-0.65	-1.28	-53.95	-5.82	3.26	-0.41	13.61	-0.02	-0.47	-0.32	1.58
MRPLK1LOAD_COS		-80.43	0.83	0.59	-8.73	1.02	1.96	-0.74	4.24	-1.22	-0.29	2.20	-0.31	-0.70	-0.40	-2.08	-1.29
MRPLK1LOAD_SIN		0.00	-10.51	-3.44	-1.93	-1.17	0.31	-0.34	-6.64	-0.44	0.27	0.54	2.16	-0.20	-0.29	-0.81	0.77
PITCHRH_COS		11032.72	-8807.20	-491.22	-53.18	-40.18	-304.96	-69.37	-23.80	139.19	-73.07	59.04	-61.97	10.16	12.15	-13.98	-294.37
PITCHRH_SIN		0.00	2709.60	-672.29	90.18	-70.87	468.11	108.47	119.35	-1.75	-71.40	-194.29	58.04	-9.26	75.71	-4.96	276.07
ROLLRH_COS		2259.98	-2190.62	680.61	-48.26	-86.34	-928.06	-187.55	-39.26	152.18	90.84	296.66	-88.45	-1.59	40.43	-30.09	-643.81
ROLLRH_SIN		0.00	-8588.70	-622.42	-51.27	98.99	361.17	-153.10	-27.04	-12.49	-80.28	-1.50	-35.37	-0.59	-20.91	-33.18	-230.45
TORQ_COS		30762.79	468.59	0.01	-1.20	-97.33	62.83	-4.68	25.33	-17.71	0.90	0.48	1.53	3.89	-1.56	-2.37	-3.18
TORQ_SIN		0.00	632.41	-20.65	14.06	-114.62	69.73	4.48	19.81	13.69	-6.56	0.33	-0.37	-7.79	7.10	-9.62	-8.15
THRUST_COS		5846.15	-58.95	7.85	11.27	18.00	34.63	4.62	22.44	-2.58	-3.85	-28.62	1.04	1.39	-1.67	1.28	20.11
THRUST_SIN		0.00	-77.41	7.81	8.08	36.83	-37.91	5.07	3.55	-2.72	3.06	21.79	-6.79	0.12	-0.61	-5.78	39.68

RUN	POINT	Harmonics															
48	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.60	7.94	-15.73	-2.03	-26.60	50.27	13.59	-1.17	-3.05	-3.86	-12.66	4.46	0.16	-1.33	0.38	18.93
SIDERH_SIN		0.00	211.51	14.50	2.61	-55.87	-87.19	10.53	-0.26	-0.19	4.70	0.30	2.16	0.15	0.75	0.73	6.81
DRAGRH_COS		-145.50	236.30	12.92	-0.52	-12.57	46.32	-15.87	-1.16	-1.14	2.06	2.35	4.27	-0.14	-0.72	-0.33	13.43
DRAGRH_SIN		0.00	-69.59	14.76	-0.43	9.72	55.64	-22.88	2.08	4.82	3.96	10.16	-6.83	1.69	-3.17	-1.25	-12.36

RUN	POINT	Harmonics															
48	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-9.55	-0.38	-0.17	-3.64	-2.91	-0.88	-0.10	0.53	0.18	0.02	0.00	0.23	0.22	0.09	0.17	0.00
ACT1FORCE_SIN		0.00	12.43	1.83	1.14	0.49	-0.87	-0.27	-0.38	0.20	0.01	-0.15	0.07	0.06	-0.03	0.00	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.09	-7.67	-2.95	30.85	26.36	10.60	-0.06	-0.03	-0.01	-0.01	0.01	0.00	-0.01	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-94.78	-15.04	-9.59	-3.04	6.84	-0.02	-0.01	-0.01	-0.03	0.00	0.01	0.00	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		377.55	7.74	3.00	-30.87	-26.42	-10.68	0.03	0.02	0.02	0.02	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	94.95	15.09	9.67	3.11	-6.82	0.01	0.01	0.00	0.02	0.00	-0.01	0.00	0.00	0.02	0.01
MRBLD1CB42P75_COS		-3480.32	-1440.44	-6.62	224.63	-19.77	-54.32	-36.16	-137.74	36.25	32.65	-13.61	19.99	-5.45	-7.46	-26.49	-3.29
MRBLD1CB42P75_SIN		0.00	-89.75	-33.64	55.79	163.69	-5.83	13.81	21.88	-56.75	-3.62	-121.52	60.52	20.05	9.86	29.75	-22.84

RUN	POINT	Harmonics															
48	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2776.79	-894.67	270.77	125.57	9.64	-17.74	-45.02	-89.74	24.15	33.13	-25.20	18.31	-0.46	-4.58	-15.35	-5.24
MRBLD1CB70_SIN		0.00	-26.90	-58.79	89.72	298.69	32.83	59.88	40.53	-34.28	1.47	-90.93	30.36	11.07	3.05	20.54	-24.91
MRBLD1CB120_COS		-562.77	-377.27	408.52	121.27	16.28	31.63	-32.70	-25.02	-33.01	-1.55	36.11	-2.94	6.56	6.84	-0.69	1.50
MRBLD1CB120_SIN		0.00	103.41	-146.16	11.11	277.83	52.13	77.21	34.12	-0.98	-11.05	74.46	-21.17	-0.88	-0.32	-3.30	-8.31
MRBLD1CB164_COS		-1955.98	-119.87	135.43	22.57	-32.29	18.05	4.60	37.78	-31.94	-9.22	36.85	-4.28	6.34	6.14	9.66	-0.41
MRBLD1CB164_SIN		0.00	81.11	-53.22	15.88	113.91	29.92	24.30	0.04	0.85	-23.74	78.72	-9.62	2.98	1.43	-11.40	18.79
MRBLD1FB42P75_COS		3037.51	211.15	-420.54	478.60	-120.61	-76.22	-87.48	-289.99	-104.41	-38.77	68.72	71.21	33.15	22.67	12.63	-62.24
MRBLD1FB42P75_SIN		0.00	5.51	-13.53	114.35	124.63	74.62	15.69	111.84	-99.51	-95.53	-104.82	35.81	13.34	12.82	78.73	-30.22
MRBLD1FB70_COS		424.74	0.93	-201.48	135.73	-47.63	-17.00	-8.96	-41.91	-3.34	2.21	-2.53	-1.45	-2.90	-4.44	-1.37	15.04
MRBLD1FB70_SIN		0.00	-207.95	18.54	30.19	28.28	5.92	5.80	28.66	-7.68	1.55	2.12	2.62	2.45	-1.02	-17.40	6.17
MRBLD1FB87_COS		-67.35	27.32	-166.47	37.50	-50.26	-23.81	-4.06	28.41	17.07	11.37	-5.37	-14.63	-4.69	-4.12	-5.62	8.76
MRBLD1FB87_SIN		0.00	-205.62	45.95	57.47	18.94	3.03	-1.83	-9.97	11.34	14.15	26.20	-7.36	-1.41	-0.04	-15.04	5.95
MRBLD1FB120_COS		-476.97	30.39	-245.08	3.56	-17.80	-1.24	11.36	59.07	4.20	-9.68	-6.97	4.18	4.42	5.48	5.47	-14.71
MRBLD1FB120_SIN		0.00	-255.55	90.06	127.26	32.09	-0.86	-20.13	-45.28	10.15	-2.78	-12.40	0.05	-5.04	-2.70	22.23	-9.35
MRBLD1FB164_COS		-158.16	61.95	-354.67	56.67	134.98	63.78	6.61	-87.23	-7.93	10.32	4.24	-6.84	-2.67	-1.65	-1.04	5.73
MRBLD1FB164_SIN		0.00	-315.74	97.50	153.42	16.05	-21.00	21.16	52.39	-21.38	1.12	20.31	-4.03	-1.34	1.07	-9.87	5.27

RUN	POINT	Harmonics															
48	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.61	5.88	-200.90	25.44	105.65	46.90	-19.04	-82.42	14.41	17.94	-18.34	-23.16	10.42	12.40	2.63	-20.78
MRBLD1FB180_SIN		0.00	-215.24	63.60	72.26	6.35	-12.87	21.81	56.94	-21.13	-4.03	47.19	-9.49	-5.96	-8.14	22.85	-10.94
MRBLD1TOR51_COS		-1402.36	70.07	-25.27	73.85	-13.76	-19.66	2.91	-30.43	8.55	4.54	-8.29	-1.79	3.67	2.67	-3.24	0.53
MRBLD1TOR51_SIN		0.00	-80.36	6.66	27.01	12.49	2.97	1.42	47.96	-1.66	-6.22	-1.42	-5.67	0.65	0.93	3.31	-8.70
MRBLD1TOR71_COS		-260.96	86.74	-31.79	53.14	-3.67	-10.13	9.01	-14.43	7.22	1.75	-9.23	-2.90	3.03	3.67	-2.34	-0.37
MRBLD1TOR71_SIN		0.00	-80.21	2.00	9.54	-0.72	2.29	4.47	47.26	6.61	-1.31	3.96	-6.14	-0.79	0.04	1.23	-4.93
MRBLD1TOR130_COS		-34.23	75.83	-9.71	30.80	11.10	-5.70	7.52	-14.80	5.17	2.73	4.70	-0.70	-0.28	-0.42	-2.64	-2.60
MRBLD1TOR130_SIN		0.00	-65.45	-0.90	0.20	-0.35	5.59	6.88	36.22	2.15	-0.89	4.03	10.05	3.56	0.58	-1.15	4.13
MRBLD1TOR164_COS		-220.45	39.84	48.99	5.98	-7.06	-13.75	-1.64	-0.72	5.70	3.64	0.25	0.03	1.79	2.75	-3.23	-3.01
MRBLD1TOR164_SIN		0.00	-23.64	-7.18	-24.10	-5.65	4.98	6.73	21.00	3.66	-0.48	5.49	5.52	2.91	0.40	1.33	-0.72
MRFBM1CB26P5_COS		-4540.06	-587.38	-43.20	83.06	3.46	-10.64	1.42	-16.17	0.98	-0.23	7.19	0.68	-0.23	0.37	-4.64	-0.30
MRFBM1CB26P5_SIN		0.00	-99.81	3.57	-19.37	-21.01	-13.43	-13.65	-4.49	-9.82	-3.52	-2.58	4.63	1.69	1.73	2.89	-3.04
MRFBM1FB9_COS		387.78	-76.73	170.24	-92.94	23.94	13.07	7.02	15.94	-1.58	-2.47	-4.28	0.29	0.38	0.66	2.18	-1.20
MRFBM1FB9_SIN		0.00	-30.85	30.39	-79.80	-17.10	-2.85	4.99	5.79	6.42	2.20	1.91	-2.96	-1.39	-0.50	-0.69	1.79
MRFBM1TOR26P5_COS		-352.66	80.72	-0.80	0.41	-0.37	0.05	0.05	-0.16	0.18	-0.05	-0.17	0.03	0.04	-0.01	0.17	0.10
MRFBM1TOR26P5_SIN		0.00	-98.80	0.07	-0.05	0.05	-0.24	0.22	0.22	0.21	0.06	-0.06	-0.23	-0.01	0.07	-0.04	-0.01

RUN	POINT	Harmonics															
48	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1200.97	-1321.56	-81.70	252.52	-26.81	-51.57	-26.43	-124.16	15.59	19.65	11.32	16.29	-0.21	-2.70	-25.77	-2.83
MRPC1CB33P25_SIN		0.00	-64.59	-11.71	7.30	76.63	-12.24	-5.72	6.20	-59.43	-18.44	-72.27	47.21	16.58	11.02	27.28	-25.07
MRPC1FB33P25_COS		2289.49	143.10	-363.72	374.42	-132.69	-84.63	-75.63	-272.44	-32.09	22.27	109.40	29.85	13.28	3.37	-64.04	-10.15
MRPC1FB33P25_SIN		0.00	163.41	-84.26	185.43	84.05	41.21	-19.75	-31.15	-125.91	-90.85	-41.78	71.36	33.46	27.24	59.70	-73.87
MRPC1TOR25P5_COS		-761.81	-52.39	-19.32	-70.48	6.76	9.58	-10.28	19.01	-10.17	-0.97	13.76	5.17	-5.70	-2.44	-9.74	-7.13
MRPC1TOR25P5_SIN		0.00	129.25	-58.71	-3.07	-6.94	2.07	-2.13	-56.30	-6.22	3.77	-4.83	16.66	1.23	0.72	0.91	1.27
MRPLK1LOAD_COS		-80.53	0.97	0.85	-8.78	1.44	1.86	-1.08	4.15	-1.17	-0.18	2.35	-0.10	-0.80	-0.38	-1.83	-1.30
MRPLK1LOAD_SIN		0.00	-10.59	-3.12	-2.05	-1.06	0.58	-0.44	-7.02	-0.49	0.28	0.10	2.51	-0.05	-0.15	-0.61	0.58
PITCHRH_COS		10053.89	-9027.78	-493.83	-64.28	-65.36	-336.40	-47.14	-10.31	170.98	-64.23	58.64	-44.13	18.84	49.32	-12.21	-329.13
PITCHRH_SIN		0.00	2761.97	-677.53	106.84	-41.70	425.39	114.46	110.48	-25.77	-63.17	-210.70	48.74	3.91	64.07	10.16	248.65
ROLLRH_COS		2124.20	-2260.88	696.16	-45.02	-100.12	-879.32	-174.17	-33.78	178.68	63.76	308.53	-72.64	-5.62	30.96	-25.92	-613.83
ROLLRH_SIN		0.00	-8814.85	-603.95	-22.43	103.16	296.05	-111.00	-15.53	-11.28	-73.84	-17.79	-31.55	18.17	-35.41	-21.70	-279.20
TORQ_COS		30859.43	457.32	-2.28	2.38	-109.13	61.84	-3.15	22.88	-21.07	-0.20	0.97	1.44	2.05	-3.93	-2.02	-0.81
TORQ_SIN		0.00	630.46	-14.12	11.07	-108.78	67.65	3.35	14.98	7.22	-7.87	4.06	-0.14	-7.34	4.22	-8.87	-14.67
THRUST_COS		5834.78	-58.87	8.08	8.49	18.97	32.53	4.42	18.41	-3.47	-3.75	-27.22	0.14	1.44	-4.14	1.13	18.51
THRUST_SIN		0.00	-84.33	5.31	5.78	36.86	-36.29	4.16	2.47	0.37	2.93	25.52	-6.64	-0.29	-1.63	-6.61	40.20

RUN	POINT	Harmonics															
48	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.78	11.31	-15.69	-1.29	-30.42	43.52	14.07	-1.89	-4.35	-2.83	-13.02	4.04	0.17	-1.22	0.20	17.96
SIDERH_SIN		0.00	217.97	13.50	2.75	-56.17	-83.04	8.21	0.10	-0.12	4.18	0.76	2.00	-0.43	1.36	0.33	8.12
DRAGRH_COS		-145.29	241.55	13.55	-1.59	-11.01	43.73	-14.39	-0.64	-0.54	2.14	2.49	3.09	-0.50	-2.26	-0.60	14.76
DRAGRH_SIN		0.00	-72.06	14.74	-0.48	11.13	46.74	-25.14	3.14	4.69	3.42	11.06	-6.67	1.49	-0.77	-1.56	-11.39

RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-10.74	-0.28	-0.25	-3.54	-2.87	-0.84	-0.10	0.59	0.21	0.05	0.04	0.22	0.27	0.11	0.17	-0.01
ACT1FORCE_SIN		0.00	12.39	1.65	1.14	0.59	-0.93	-0.34	-0.42	0.17	0.05	-0.14	0.02	0.00	-0.05	0.05	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		399.25	-8.58	-2.80	29.63	25.93	10.92	-0.04	-0.04	-0.01	-0.02	0.01	-0.01	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-93.60	-13.78	-9.27	-3.98	6.93	-0.01	0.00	-0.02	-0.02	-0.01	0.01	0.02	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		406.45	8.63	2.84	-29.65	-25.99	-10.99	0.01	0.03	0.02	0.01	0.00	0.01	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	93.78	13.84	9.32	4.03	-6.94	0.00	-0.01	0.00	0.01	0.00	-0.01	-0.01	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-3479.64	-1269.52	10.99	236.93	-22.52	-59.78	-42.24	-131.63	32.00	34.94	-20.67	9.52	-7.17	-6.95	-29.18	-1.67
MRBLD1CB42P75_SIN		0.00	-9.29	-26.35	63.50	170.37	-9.06	13.14	22.08	-58.77	-3.99	-85.96	55.26	15.19	7.85	23.91	-21.50

RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2780.60	-787.19	283.20	134.91	16.20	-23.12	-56.91	-92.32	22.07	34.02	-30.42	10.08	-3.48	-4.64	-20.99	-3.94
MRBLD1CB70_SIN		0.00	24.63	-56.02	101.05	305.01	19.15	67.20	43.31	-32.73	-0.87	-67.34	29.23	7.62	3.93	14.59	-23.76
MRBLD1CB120_COS		-562.16	-334.01	416.68	128.69	33.51	28.79	-43.79	-34.55	-32.94	-5.71	38.20	0.65	6.51	5.82	-0.92	1.48
MRBLD1CB120_SIN		0.00	121.67	-145.52	23.46	286.42	33.87	89.41	36.07	6.97	-8.55	53.04	-19.08	0.50	0.20	-3.79	-8.17
MRBLD1CB164_COS		-1957.04	-110.60	135.44	26.73	-25.31	16.88	-0.37	30.59	-33.61	-15.45	40.48	-0.38	7.40	6.20	12.50	-1.97
MRBLD1CB164_SIN		0.00	84.31	-53.44	20.90	118.95	22.19	30.26	-0.05	6.29	-19.32	59.53	-9.46	5.04	0.18	-6.73	18.03
MRBLD1FB42P75_COS		3029.16	163.03	-415.05	505.46	-100.53	-79.83	-94.18	-284.97	-110.77	-37.35	65.64	56.04	27.08	15.51	1.44	-59.14
MRBLD1FB42P75_SIN		0.00	-6.07	-8.07	125.58	151.12	75.64	17.85	113.12	-82.82	-76.90	-87.77	36.73	11.69	10.61	73.64	-32.90
MRBLD1FB70_COS		421.96	-1.03	-200.73	144.99	-42.36	-18.54	-10.57	-40.01	-3.47	2.92	-1.32	-0.50	-1.70	-2.90	0.99	14.24
MRBLD1FB70_SIN		0.00	-205.61	22.43	35.10	37.47	6.32	7.51	29.58	-5.46	2.48	3.13	2.46	2.08	-0.92	-16.69	6.38
MRBLD1FB87_COS		-67.30	28.05	-165.23	44.74	-46.98	-22.87	-3.23	28.44	17.92	10.68	-5.65	-11.27	-3.67	-2.74	-3.14	8.08
MRBLD1FB87_SIN		0.00	-205.20	47.40	58.42	21.45	1.33	-3.13	-11.43	7.75	9.72	20.45	-8.19	-1.50	0.04	-13.82	7.01
MRBLD1FB120_COS		-476.47	29.07	-247.23	8.32	-20.87	-0.43	12.17	56.86	4.73	-10.11	-7.32	2.08	3.45	3.56	1.78	-13.51
MRBLD1FB120_SIN		0.00	-252.85	92.82	130.18	32.14	-0.50	-19.36	-43.70	9.80	-1.63	-9.88	1.40	-4.94	-2.74	20.27	-11.42
MRBLD1FB164_COS		-160.65	61.79	-349.09	62.40	130.42	65.87	6.42	-85.40	-11.45	10.24	4.61	-3.93	-2.73	-1.26	0.72	5.00
MRBLD1FB164_SIN		0.00	-314.35	101.11	158.99	4.42	-22.44	17.45	48.67	-20.02	-0.10	17.52	-4.98	-1.20	1.78	-8.35	6.06

RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.66	7.82	-195.59	27.57	103.50	48.09	-19.59	-82.50	10.77	14.51	-21.01	-19.29	8.64	8.83	-2.46	-19.12
MRBLD1FB180_SIN		0.00	-216.37	63.37	73.73	-2.33	-16.50	16.60	53.46	-21.72	-9.06	37.59	-8.05	-4.07	-7.88	21.62	-12.48
MRBLD1TOR51_COS		-1403.28	72.68	-24.02	75.02	-11.31	-20.37	-1.99	-29.75	8.38	4.60	-8.57	-1.93	3.34	2.38	-3.37	1.76
MRBLD1TOR51_SIN		0.00	-79.87	9.04	27.93	14.13	3.80	0.60	44.82	-2.48	-6.33	-2.48	-5.58	-0.02	0.35	2.73	-8.27
MRBLD1TOR71_COS		-262.39	86.81	-31.71	53.07	-2.15	-10.78	4.98	-14.14	7.52	1.90	-9.09	-2.51	2.90	3.50	-2.39	0.30
MRBLD1TOR71_SIN		0.00	-80.52	4.19	9.71	-0.22	3.54	3.73	44.39	5.76	-1.66	1.93	-5.63	-1.02	-0.34	0.95	-4.44
MRBLD1TOR130_COS		-35.11	76.74	-9.66	29.73	11.92	-6.22	4.47	-14.97	4.49	2.14	3.57	-1.08	0.15	-0.27	-3.18	-3.65
MRBLD1TOR130_SIN		0.00	-65.51	0.93	-0.27	-1.65	6.90	6.74	34.10	2.02	-0.07	4.58	9.50	3.46	0.57	-1.36	3.96
MRBLD1TOR164_COS		-220.14	41.09	48.15	4.03	-6.33	-14.04	-3.24	-1.07	5.49	2.95	0.05	-0.17	1.78	2.26	-4.06	-3.66
MRBLD1TOR164_SIN		0.00	-23.88	-6.62	-25.53	-5.04	5.01	7.14	20.59	3.38	-1.24	4.57	5.76	3.10	0.37	0.18	-1.52
MRFBM1CB26P5_COS		-4540.49	-503.75	-36.40	83.72	-0.27	-11.50	2.43	-13.57	-0.04	-0.16	6.60	0.22	-0.09	0.00	-3.95	-0.17
MRFBM1CB26P5_SIN		0.00	-53.52	6.46	-20.46	-22.22	-10.41	-15.64	-5.60	-10.62	-2.82	-1.03	3.64	1.58	0.89	2.69	-2.89
MRFBM1FB9_COS		378.50	-139.66	164.80	-99.14	22.48	12.94	7.98	15.66	-0.93	-2.10	-3.39	0.54	0.32	0.59	2.03	-1.23
MRFBM1FB9_SIN		0.00	-29.20	25.61	-85.59	-21.58	-2.14	5.14	5.26	5.92	1.75	1.09	-2.52	-1.29	-0.46	-0.34	1.80
MRFBM1TOR26P5_COS		-352.75	80.33	-0.85	0.39	-0.33	0.03	0.00	-0.15	0.19	-0.02	-0.16	0.04	0.01	0.00	0.18	0.13
MRFBM1TOR26P5_SIN		0.00	-98.90	0.01	-0.09	0.02	-0.27	0.21	0.19	0.18	0.06	-0.07	-0.21	-0.02	0.07	-0.01	-0.02

RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1190.78	-1172.12	-64.86	263.10	-31.64	-55.65	-30.13	-118.57	10.78	19.78	7.03	8.16	-1.89	-3.55	-27.48	-1.31
MRPC1CB33P25_SIN		0.00	-1.71	-3.86	11.68	82.87	-10.41	-8.25	4.86	-59.83	-16.43	-50.69	43.01	13.34	8.71	22.07	-24.00
MRPC1FB33P25_COS		2280.23	100.19	-358.43	394.79	-121.30	-87.77	-82.20	-269.43	-44.97	13.84	96.58	17.61	9.82	0.54	-67.25	-6.55
MRPC1FB33P25_SIN		0.00	149.64	-80.57	199.08	110.43	40.18	-20.16	-27.72	-116.18	-76.22	-29.40	62.51	27.89	20.64	47.36	-72.02
MRPC1TOR25P5_COS		-761.38	-58.75	-18.25	-71.22	5.15	10.25	-4.98	18.02	-11.22	-1.24	12.58	3.32	-5.22	-2.11	-10.81	-9.01
MRPC1TOR25P5_SIN		0.00	127.19	-64.50	-4.55	-8.12	-0.20	-1.10	-52.98	-5.10	3.93	-1.46	15.10	0.90	0.77	-0.32	1.06
MRPLK1LOAD_COS		-80.37	1.03	0.66	-8.99	1.01	1.97	-0.39	3.99	-1.25	-0.33	2.19	-0.22	-0.64	-0.30	-2.07	-1.75
MRPLK1LOAD_SIN		0.00	-10.49	-3.38	-2.09	-1.22	0.42	-0.35	-6.56	-0.31	0.31	0.39	2.33	-0.03	-0.12	-0.80	0.56
PITCHRH_COS		10986.00	-9017.43	-487.29	-53.70	-50.93	-369.25	-110.83	-42.91	87.97	-53.84	55.60	-42.92	20.16	-12.69	-6.11	-304.12
PITCHRH_SIN		0.00	2748.83	-660.82	111.84	-48.61	473.55	81.15	105.82	32.58	-62.18	-170.83	62.14	-3.20	51.32	2.38	252.03
ROLLRH_COS		2164.92	-2243.98	685.35	-72.26	-109.95	-964.30	-224.82	-12.74	122.92	73.20	306.15	-89.87	-10.11	28.39	-6.03	-614.93
ROLLRH_SIN		0.00	-8861.56	-596.71	-39.01	104.16	368.08	-164.47	-30.35	-40.20	-49.88	-8.02	-18.27	26.42	-11.83	-35.38	-259.21
TORQ_COS		30817.15	456.84	-1.11	-2.14	-92.37	65.59	-2.36	13.88	-18.26	-1.46	-1.99	1.83	2.11	-1.53	-3.40	-1.16
TORQ_SIN		0.00	622.53	-17.64	16.85	-94.55	56.45	4.93	22.98	16.72	-5.15	-0.41	2.65	-4.67	5.32	-9.12	-14.29
THRUST_COS		5806.16	-58.26	8.17	10.42	16.43	33.61	4.23	13.32	-1.01	-4.24	-31.39	0.35	1.79	-0.19	0.56	17.65
THRUST_SIN		0.00	-83.51	6.27	8.96	32.07	-33.06	5.16	9.27	-3.10	2.66	22.67	-6.30	0.07	-1.05	-3.55	38.94

RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.33	9.83	-14.92	-1.06	-26.15	44.86	11.78	-1.61	-1.84	-3.16	-12.97	4.75	0.35	-0.93	-0.35	18.08
SIDERH_SIN		0.00	227.34	13.18	3.05	-52.47	-92.09	10.01	-0.13	0.58	3.19	0.62	1.33	-0.63	0.47	0.67	7.61
DRAGRH_COS		-135.02	242.39	14.82	-1.42	-10.42	59.88	-16.09	-2.33	-1.69	1.50	3.77	2.34	-0.57	0.13	-0.53	13.84
DRAGRH_SIN		0.00	-71.14	15.61	-0.79	10.77	51.35	-19.76	0.09	2.16	2.40	8.32	-7.05	0.77	-1.81	-1.09	-11.34

RUN	POINT	Harmonics															
49	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.13	-0.26	-0.23	-3.45	-2.82	-0.89	-0.12	0.69	0.21	0.05	0.02	0.20	0.25	0.11	0.18	-0.02
ACT1FORCE_SIN		0.00	12.11	1.84	1.07	0.49	-0.87	-0.61	-0.46	0.15	0.13	-0.13	0.07	0.02	-0.05	0.08	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.63	-7.06	-0.53	29.00	25.34	9.47	0.92	-0.03	-0.03	0.01	0.02	0.00	0.00	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-93.06	-14.89	-8.76	-1.52	6.60	5.77	-0.02	-0.03	-0.03	-0.02	0.01	0.01	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.19	7.18	0.58	-29.01	-25.41	-9.56	-0.98	0.01	0.02	0.00	-0.01	-0.01	0.01	0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	93.24	14.95	8.87	1.63	-6.57	-5.78	0.01	0.01	0.02	0.01	0.00	0.00	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4313.98	-1082.08	8.09	228.12	-45.78	-71.52	-39.50	-163.58	35.91	34.90	31.16	-6.11	-7.77	-8.28	-29.12	-3.17
MRBLD1CB42P75_SIN		0.00	239.87	-49.60	61.88	156.18	-9.65	17.96	8.54	-55.58	-1.31	-108.12	55.35	14.36	4.76	27.98	-22.34

RUN	POINT	Harmonics															
49	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2659.93	-675.49	285.70	125.45	-23.35	-49.32	-49.44	-105.85	25.72	33.55	6.39	0.78	-2.34	-6.10	-21.43	-2.33
MRBLD1CB70_SIN		0.00	182.22	-72.58	96.24	294.19	19.18	68.41	33.83	-34.23	4.22	-83.84	29.81	9.89	0.87	19.18	-23.76
MRBLD1CB120_COS		-563.84	-292.78	420.53	121.39	-9.66	1.38	-37.30	-31.47	-30.20	-3.86	9.79	8.84	6.24	7.25	-1.41	2.36
MRBLD1CB120_SIN		0.00	186.94	-154.63	14.65	282.20	37.39	87.06	32.97	-4.46	-10.79	69.24	-19.28	1.05	1.27	-3.33	-7.94
MRBLD1CB164_COS		-1970.07	-100.85	139.64	22.29	-43.27	7.89	3.41	41.80	-32.29	-10.95	10.58	6.28	7.30	7.24	14.18	-3.25
MRBLD1CB164_SIN		0.00	99.85	-56.14	17.45	116.89	22.92	26.84	3.13	-1.08	-23.32	72.93	-9.23	2.91	2.28	-9.82	18.39
MRBLD1FB42P75_COS		3189.83	113.37	-420.26	486.23	-119.39	-85.45	-93.79	-344.75	-101.06	-26.49	88.91	55.47	27.96	18.64	11.41	-60.51
MRBLD1FB42P75_SIN		0.00	-64.44	-9.41	117.84	145.82	94.72	23.13	111.61	-101.56	-93.67	-94.51	41.76	10.76	8.25	81.51	-29.07
MRBLD1FB70_COS		423.33	2.37	-197.91	134.61	-48.78	-20.26	-9.64	-50.74	-3.26	2.15	-2.43	-2.03	-2.89	-3.99	-0.95	14.06
MRBLD1FB70_SIN		0.00	-202.49	18.58	30.11	33.27	10.35	8.11	28.55	-7.23	1.95	1.66	2.25	1.94	-0.57	-17.71	6.05
MRBLD1FB87_COS		-73.03	27.15	-165.43	35.90	-51.33	-24.58	-3.49	33.48	16.37	9.45	-10.72	-9.51	-3.40	-2.67	-4.54	8.60
MRBLD1FB87_SIN		0.00	-203.33	46.71	56.53	19.37	2.29	-3.33	-10.58	10.49	12.86	24.34	-8.82	-0.90	0.33	-15.51	5.38
MRBLD1FB120_COS		-480.04	29.45	-244.04	2.35	-18.02	0.23	11.41	71.97	3.96	-9.75	-4.83	2.54	4.30	3.93	4.05	-14.00
MRBLD1FB120_SIN		0.00	-254.97	91.64	128.98	31.04	-2.27	-22.25	-44.66	10.75	-2.65	-11.98	0.82	-4.73	-2.71	23.19	-8.65
MRBLD1FB164_COS		-162.86	56.29	-356.66	55.34	140.29	69.47	6.90	-106.89	-9.06	10.17	0.41	-2.09	-2.37	-0.79	-0.43	5.96
MRBLD1FB164_SIN		0.00	-315.86	96.48	154.97	11.59	-25.40	23.42	50.95	-22.78	1.59	19.80	-4.29	0.13	1.86	-10.34	4.70

RUN	POINT	Harmonics															
49	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.59	2.23	-203.60	23.55	108.62	49.34	-18.60	-100.72	12.83	14.76	-29.30	-10.99	12.47	10.55	0.75	-19.29
MRBLD1FB180_SIN		0.00	-216.56	61.70	73.36	3.50	-16.46	23.64	54.81	-23.46	-5.46	46.42	-9.53	-3.33	-7.84	24.65	-9.42
MRBLD1TOR51_COS		-1406.12	71.76	-24.05	73.32	-11.11	-20.21	3.49	-42.04	9.24	5.30	-9.68	-1.10	3.37	3.04	-3.10	0.26
MRBLD1TOR51_SIN		0.00	-75.28	6.10	24.78	13.89	5.76	3.39	45.77	-3.38	-5.85	-1.60	-4.31	0.95	0.40	4.39	-7.29
MRBLD1TOR71_COS		-257.92	84.43	-31.59	52.88	-0.26	-9.44	9.71	-23.34	7.50	1.59	-11.98	-1.45	2.78	3.72	-2.60	-0.57
MRBLD1TOR71_SIN		0.00	-79.05	1.93	7.36	0.07	4.95	6.15	46.42	5.20	-1.45	2.88	-5.05	-0.29	0.07	1.88	-4.05
MRBLD1TOR130_COS		-28.90	75.29	-10.82	30.65	14.04	-4.31	8.16	-23.24	5.15	2.39	4.23	-1.61	0.12	-0.29	-3.34	-2.44
MRBLD1TOR130_SIN		0.00	-63.70	-0.64	-1.06	-1.03	7.26	8.95	35.30	1.36	-0.55	5.14	8.34	2.93	0.97	-1.63	3.53
MRBLD1TOR164_COS		-222.17	41.04	48.16	5.57	-6.50	-14.27	-1.25	-3.53	4.86	2.80	-0.43	0.53	2.02	2.31	-4.33	-2.90
MRBLD1TOR164_SIN		0.00	-21.67	-6.69	-25.18	-5.95	5.96	7.72	21.60	3.55	-1.11	5.00	5.03	3.17	0.98	0.43	-1.45
MRFBM1CB26P5_COS		-4765.99	-424.94	-36.66	80.31	4.02	-7.72	1.76	-18.27	0.92	0.45	8.24	-0.11	-0.06	0.68	-3.59	-0.69
MRFBM1CB26P5_SIN		0.00	57.36	-1.34	-18.37	-24.53	-12.11	-14.84	-6.46	-9.02	-3.23	-0.91	3.85	0.88	1.36	2.79	-2.67
MRFBM1FB9_COS		334.75	-220.08	169.88	-92.52	25.58	15.15	7.15	17.64	-1.81	-2.67	-4.68	0.97	0.34	0.41	2.15	-1.17
MRFBM1FB9_SIN		0.00	-77.32	34.15	-80.79	-18.23	-2.96	4.96	7.91	6.13	1.86	0.57	-2.23	-1.05	-0.22	-0.50	1.80
MRFBM1TOR26P5_COS		-352.66	76.51	-0.76	0.26	-0.27	0.00	0.05	-0.15	0.16	0.02	-0.18	0.05	0.04	0.00	0.20	0.08
MRFBM1TOR26P5_SIN		0.00	-94.66	0.12	-0.01	0.16	-0.24	0.22	0.19	0.19	0.09	-0.07	-0.15	0.01	0.05	-0.01	0.02

RUN	POINT	Harmonics															
49	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1329.49	-999.29	-69.71	256.60	-41.97	-59.50	-28.55	-147.53	16.67	21.82	38.17	-1.26	-2.33	-3.04	-26.97	-3.32
MRPC1CB33P25_SIN		0.00	223.35	-23.33	11.20	69.61	-9.47	-4.06	-5.01	-57.80	-16.54	-63.13	43.72	11.91	6.74	26.17	-23.57
MRPC1FB33P25_COS		2360.65	53.52	-351.09	373.68	-136.06	-97.61	-81.68	-310.26	-27.86	30.19	117.98	13.71	11.90	4.83	-66.39	-9.67
MRPC1FB33P25_SIN		0.00	102.67	-81.37	186.68	102.66	53.23	-15.73	-52.44	-124.50	-81.88	-21.42	64.84	27.67	20.65	59.08	-70.25
MRPC1TOR25P5_COS		-752.07	-71.04	-3.62	-73.07	4.29	9.98	-12.51	30.78	-10.86	-2.12	19.43	0.96	-4.96	-3.02	-12.29	-6.24
MRPC1TOR25P5_SIN		0.00	144.69	-54.09	0.39	-0.52	-2.02	-1.88	-53.03	-4.27	4.96	-2.44	15.08	0.73	1.91	-0.37	-0.60
MRPLK1LOAD_COS		-84.23	1.06	0.50	-8.49	0.78	1.90	-1.15	5.59	-1.18	-0.49	2.86	-0.45	-0.79	-0.42	-2.33	-1.18
MRPLK1LOAD_SIN		0.00	-9.26	-3.34	-1.74	-1.26	0.05	-0.70	-6.87	-0.20	0.17	0.30	2.03	-0.22	0.12	-0.94	0.22
PITCHRH_COS		13492.62	-8282.96	-490.11	-54.80	-50.03	-424.39	-31.42	-65.23	105.02	-36.31	55.41	-74.40	6.38	47.57	-20.53	-387.00
PITCHRH_SIN		0.00	2410.40	-707.98	103.42	-79.45	458.96	102.50	124.49	-34.82	-78.00	-190.06	36.95	-5.71	63.38	-2.51	253.22
ROLLRH_COS		3185.99	-2086.81	738.84	-11.95	-139.48	-951.69	-168.37	-38.00	128.56	110.51	299.42	-56.49	-26.70	51.01	-15.77	-649.10
ROLLRH_SIN		0.00	-7823.70	-551.42	-4.66	113.99	312.18	-151.91	-18.81	73.79	-63.00	17.84	-44.89	-3.39	-39.56	-24.18	-399.32
TORQ_COS		30219.92	422.84	-1.41	4.42	-71.94	65.85	-2.74	29.27	-20.08	0.00	-7.46	1.19	1.54	-4.39	-1.98	5.84
TORQ_SIN		0.00	771.42	-19.00	5.81	-75.75	69.63	3.78	17.54	4.01	-6.84	3.75	0.96	-7.83	6.32	-9.24	-17.92
THRUST_COS		5855.54	-65.00	6.57	11.72	13.87	38.21	3.70	22.76	-3.88	-4.89	-34.55	0.97	1.34	-3.66	0.00	15.12
THRUST_SIN		0.00	-49.40	8.48	3.24	30.55	-42.27	5.87	2.50	-0.24	2.51	21.71	-5.93	1.42	-1.35	-5.48	41.79

RUN	POINT	Harmonics															
49	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.56	32.07	-20.00	-1.98	-14.33	47.31	14.51	-1.93	-3.56	-5.21	-12.35	2.88	0.86	-1.91	0.13	19.03
SIDERH_SIN		0.00	147.47	14.29	3.99	-57.34	-82.35	10.56	-0.23	-2.20	3.72	-0.41	2.64	0.26	1.50	0.36	11.72
DRAGRH_COS		-159.44	214.18	15.74	-3.29	-9.39	50.23	-13.28	-2.91	-1.37	-0.15	3.56	4.33	-0.09	-2.74	0.13	17.45
DRAGRH_SIN		0.00	-60.04	19.49	-0.88	9.27	58.43	-26.70	4.38	7.22	4.40	10.56	-4.85	0.30	-1.10	-0.87	-10.31

RUN	POINT	Harmonics															
49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.43	-0.01	-0.25	-3.52	-2.59	-0.87	0.02	0.56	0.21	0.05	-0.03	0.25	0.19	0.10	0.18	-0.04
ACT1FORCE_SIN		0.00	11.01	1.83	0.97	0.42	-0.88	-0.54	-0.39	0.12	0.09	-0.10	0.04	0.02	-0.07	-0.02	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.77	-11.42	-1.95	32.45	23.01	8.73	1.96	0.06	0.04	0.00	0.02	0.03	0.02	0.00	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-83.49	-13.69	-8.82	-4.33	7.93	7.20	-0.10	-0.02	-0.01	-0.04	0.01	0.02	0.03	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.03	11.53	2.01	-32.47	-23.06	-8.81	-2.02	-0.08	-0.05	0.00	-0.01	-0.02	-0.02	0.00	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	83.65	13.74	8.93	4.43	-7.90	-7.21	0.08	-0.01	-0.01	0.03	0.00	-0.01	-0.02	-0.01	0.01
MRBLD1CB42P75_COS		-4212.93	-1289.23	15.50	242.26	-40.77	-60.83	-37.92	-158.74	30.32	35.47	18.78	-7.70	-6.39	-7.19	-40.15	-2.86
MRBLD1CB42P75_SIN		0.00	55.48	-53.14	65.47	147.55	-16.90	21.10	41.92	-56.14	5.33	-88.48	45.64	9.55	4.64	25.92	-27.13

RUN	POINT	Harmonics															
49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2695.92	-801.59	281.61	141.12	-11.23	-40.41	-48.58	-103.55	21.28	36.24	9.25	-1.64	-4.59	-2.29	-29.71	-2.26
MRBLD1CB70_SIN		0.00	52.42	-74.32	101.39	282.60	11.58	59.44	61.44	-31.80	9.95	-70.06	25.12	6.14	2.15	17.77	-27.49
MRBLD1CB120_COS		-544.73	-335.71	413.75	139.85	4.83	7.89	-31.71	-28.65	-31.12	-3.82	15.53	11.43	6.44	7.09	0.28	3.11
MRBLD1CB120_SIN		0.00	117.39	-156.49	12.92	257.11	29.61	68.51	51.69	2.66	-14.66	57.42	-15.27	1.80	1.74	-4.23	-9.05
MRBLD1CB164_COS		-1961.21	-110.81	136.45	31.00	-36.26	9.00	7.43	42.28	-31.07	-12.81	8.09	8.98	8.49	4.33	18.92	-3.39
MRBLD1CB164_SIN		0.00	80.56	-55.64	17.39	104.18	21.85	17.47	0.95	4.50	-29.37	60.07	-6.00	5.64	2.50	-7.07	22.45
MRBLD1FB42P75_COS		3178.01	167.39	-402.09	529.26	-124.89	-76.63	-83.96	-301.07	-105.12	-40.62	63.51	48.07	26.63	16.83	-4.38	-70.44
MRBLD1FB42P75_SIN		0.00	-31.66	-12.14	113.38	68.22	76.98	32.92	183.27	-83.25	-86.69	-68.42	29.78	4.19	9.79	93.03	-38.51
MRBLD1FB70_COS		419.84	0.20	-189.47	148.72	-49.28	-17.73	-7.29	-42.60	-2.92	3.39	-0.62	-1.11	-2.36	-3.53	2.36	16.20
MRBLD1FB70_SIN		0.00	-203.82	17.54	32.00	11.19	5.95	9.49	39.97	-6.11	1.92	2.18	2.68	2.55	-0.92	-20.04	7.86
MRBLD1FB87_COS		-76.58	27.72	-156.53	45.58	-49.14	-23.37	-4.14	28.38	15.55	10.16	-7.11	-8.64	-3.46	-2.76	-1.66	10.19
MRBLD1FB87_SIN		0.00	-200.61	45.53	58.16	9.84	1.23	-4.32	-18.18	7.22	10.89	17.29	-6.62	0.64	0.76	-17.61	7.63
MRBLD1FB120_COS		-483.33	25.00	-237.85	8.65	-18.86	-1.57	10.23	61.49	5.71	-8.72	-5.67	1.88	3.92	3.96	-0.35	-16.60
MRBLD1FB120_SIN		0.00	-244.97	92.60	135.88	36.32	2.26	-22.19	-59.13	10.85	-1.51	-9.66	-0.06	-5.78	-2.69	26.20	-11.74
MRBLD1FB164_COS		-168.37	55.56	-344.65	66.86	141.35	66.60	7.14	-93.20	-10.05	10.09	3.35	-1.56	-1.30	0.10	2.79	7.50
MRBLD1FB164_SIN		0.00	-302.14	98.29	162.48	44.11	-17.30	20.59	73.06	-19.39	1.23	16.49	-2.69	0.55	1.83	-12.01	5.86

RUN	POINT	Harmonics															
49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.14	-0.50	-198.04	27.29	108.80	48.62	-17.83	-88.07	13.10	19.38	-20.46	-9.93	12.26	13.00	-1.60	-20.67
MRBLD1FB180_SIN		0.00	-207.75	64.66	77.49	25.62	-10.04	23.88	75.18	-20.51	-6.70	31.94	-5.38	-0.94	-4.88	28.78	-12.88
MRBLD1TOR51_COS		-1402.57	69.98	-19.61	78.40	-13.21	-19.11	3.31	-34.78	7.62	5.67	-6.30	-0.70	2.84	2.27	-5.78	0.71
MRBLD1TOR51_SIN		0.00	-77.75	6.59	27.32	8.09	0.39	7.75	59.76	-0.66	-5.61	-3.16	-3.36	1.92	1.82	4.46	-8.78
MRBLD1TOR71_COS		-256.42	84.84	-27.80	55.44	-3.05	-9.30	9.20	-16.59	6.99	2.84	-7.77	-0.89	2.66	3.30	-3.67	-0.13
MRBLD1TOR71_SIN		0.00	-78.98	2.63	9.45	-2.82	0.45	9.53	55.50	7.21	-1.01	1.05	-3.54	0.65	1.06	1.76	-4.71
MRBLD1TOR130_COS		-27.52	74.92	-7.68	31.93	11.11	-5.14	7.56	-17.23	4.94	3.26	3.87	-1.07	0.35	-0.26	-2.14	-2.56
MRBLD1TOR130_SIN		0.00	-63.31	-0.47	-0.21	0.80	4.31	10.27	43.60	3.02	-0.37	4.52	7.98	2.59	0.60	-1.89	4.66
MRBLD1TOR164_COS		-219.52	40.74	48.31	4.67	-6.55	-13.90	-2.15	-1.20	5.74	4.07	0.78	0.57	2.10	2.84	-3.41	-2.61
MRBLD1TOR164_SIN		0.00	-23.32	-7.18	-26.00	-9.36	3.43	8.37	23.14	3.98	-0.17	4.67	5.43	2.76	0.41	0.05	-1.11
MRFBM1CB26P5_COS		-4790.36	-512.56	-32.15	81.57	-1.23	-6.74	1.81	-17.88	0.10	-0.74	3.50	0.23	0.64	-0.21	-4.41	-0.53
MRFBM1CB26P5_SIN		0.00	-24.52	-1.85	-20.04	-21.56	-11.58	-11.56	-4.35	-9.90	-3.51	-0.65	2.77	0.80	0.95	2.54	-3.61
MRFBM1FB9_COS		334.91	-141.58	157.07	-103.87	21.65	13.76	6.65	18.65	-1.06	-2.35	-3.75	0.59	0.10	0.36	2.54	-1.48
MRFBM1FB9_SIN		0.00	-65.23	33.28	-84.68	-10.07	-1.90	3.43	3.25	5.68	1.81	0.60	-1.82	-0.97	-0.35	-0.17	2.10
MRFBM1TOR26P5_COS		-352.84	77.52	-0.70	0.29	-0.32	0.01	0.05	-0.12	0.16	0.01	-0.10	0.04	0.02	-0.01	0.18	0.08
MRFBM1TOR26P5_SIN		0.00	-93.97	0.13	0.07	0.15	-0.28	0.30	0.26	0.22	0.06	-0.06	-0.15	0.02	0.09	0.03	0.00

RUN	POINT	Harmonics															
49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1208.21	-1195.46	-61.23	267.63	-43.67	-50.48	-26.02	-143.21	10.85	19.70	23.15	-2.04	-0.22	-3.87	-36.75	-2.79
MRPC1CB33P25_SIN		0.00	63.34	-28.72	12.14	61.28	-14.32	2.08	24.21	-57.35	-13.00	-50.61	35.35	8.32	6.67	24.51	-29.16
MRPC1FB33P25_COS		2332.26	105.60	-339.99	410.14	-122.37	-85.33	-77.78	-305.40	-38.92	16.41	85.27	15.66	14.89	3.02	-86.49	-7.04
MRPC1FB33P25_SIN		0.00	131.75	-79.64	191.58	37.99	41.98	-5.82	19.92	-112.13	-83.99	-16.79	51.66	21.56	20.22	52.61	-84.63
MRPC1TOR25P5_COS		-756.62	-59.06	-13.85	-75.50	8.04	9.14	-12.11	22.90	-9.88	-2.32	12.78	0.30	-3.77	-2.10	-10.42	-6.35
MRPC1TOR25P5_SIN		0.00	143.29	-52.96	-2.05	2.03	4.29	-6.47	-65.40	-7.15	4.68	0.43	12.86	-1.41	-0.10	-2.08	0.88
MRPLK1LOAD_COS		-84.44	1.23	0.01	-9.11	1.39	1.81	-1.17	4.50	-1.03	-0.41	1.98	-0.49	-0.50	-0.33	-1.78	-1.22
MRPLK1LOAD_SIN		0.00	-9.24	-3.22	-2.10	-0.56	0.86	-1.33	-8.71	-0.65	0.19	0.59	1.74	-0.49	-0.22	-1.29	0.58
PITCHRH_COS		12065.88	-8526.73	-477.67	-71.64	-19.91	-508.51	-65.02	-74.01	49.21	-58.14	38.27	-73.68	0.46	-25.40	-1.34	-386.25
PITCHRH_SIN		0.00	2498.53	-677.94	75.74	-74.16	303.26	149.43	130.11	7.13	-97.06	-246.66	21.65	2.38	71.36	-13.78	212.96
ROLLRH_COS		2846.61	-2142.67	716.11	-39.44	-120.50	-608.41	-147.49	-30.13	110.53	78.66	307.58	-52.22	-11.28	24.38	-2.92	-567.26
ROLLRH_SIN		0.00	-8096.71	-569.86	-3.46	139.38	179.81	-143.52	-28.94	12.67	-50.45	-29.62	-52.94	-20.39	-4.12	-36.93	-413.45
TORQ_COS		30248.65	428.14	3.14	12.75	-54.83	57.58	-1.94	26.26	-18.20	0.20	8.81	1.38	3.62	-2.31	-4.56	4.04
TORQ_SIN		0.00	735.94	-25.04	9.51	-95.04	72.68	0.26	22.68	10.54	-5.93	-0.92	2.25	-8.31	5.95	-9.34	-20.00
THRUST_COS		5850.07	-61.57	5.40	13.76	10.19	36.44	2.59	23.70	-1.65	-2.52	-20.95	1.79	1.13	0.19	0.73	9.34
THRUST_SIN		0.00	-47.05	9.79	1.96	33.05	-33.67	6.68	7.18	-2.36	2.42	21.92	-4.13	1.50	-0.83	-3.86	42.19

RUN	POINT	Harmonics															
49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.87	29.22	-18.76	-3.13	-12.74	34.32	11.92	-1.19	-2.08	-3.56	-13.26	2.72	0.28	-0.89	-0.37	16.81
SIDERH_SIN		0.00	158.58	14.80	3.88	-60.01	-57.20	11.59	-0.20	-0.42	3.07	1.17	2.98	0.92	0.25	0.77	12.05
DRAGRH_COS		-163.83	221.67	13.02	-1.43	-9.17	38.54	-13.24	-2.40	-1.42	0.90	4.33	4.56	0.21	1.00	-0.41	16.68
DRAGRH_SIN		0.00	-61.50	17.54	-0.98	6.85	26.07	-29.23	2.44	4.32	6.11	14.28	-4.44	0.82	-3.16	-0.76	-10.24

RUN	POINT	Harmonics															
49	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.96	-0.23	-0.51	-3.43	-2.62	-0.73	0.03	0.65	0.20	0.04	0.00	0.26	0.25	0.06	0.17	-0.03
ACT1FORCE_SIN		0.00	11.20	1.73	0.76	0.37	-0.93	-0.53	-0.41	0.10	0.11	-0.15	0.07	0.03	-0.07	-0.02	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.29	-10.04	-0.38	31.74	24.13	7.13	1.25	0.05	0.03	0.00	0.02	0.01	0.01	-0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-85.22	-12.59	-6.18	-3.92	6.94	7.58	-0.08	-0.01	-0.01	-0.03	0.00	0.01	0.01	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.46	10.12	0.42	-31.77	-24.18	-7.18	-1.29	-0.06	-0.03	0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	85.39	12.65	6.24	3.98	-6.93	-7.60	0.06	0.00	0.00	0.03	0.00	-0.01	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4107.76	-1575.62	34.19	233.62	-39.09	-62.39	-37.02	-145.09	33.85	40.95	14.56	4.49	-2.11	-4.18	-33.34	-0.89
MRBLD1CB42P75_SIN		0.00	-101.07	-44.47	66.43	161.62	-7.70	19.84	40.45	-56.29	0.22	-88.66	42.08	12.26	6.23	28.59	-19.98

RUN	POINT	Harmonics															
49	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2742.56	-982.77	291.72	135.56	-3.59	-31.53	-52.55	-96.77	24.27	39.94	0.37	6.21	-0.49	-1.72	-23.73	-0.40
MRBLD1CB70_SIN		0.00	-44.65	-69.47	103.46	298.41	16.72	63.68	60.99	-33.89	3.80	-67.56	21.16	7.57	1.16	19.08	-22.43
MRBLD1CB120_COS		-526.97	-404.00	416.43	137.75	14.39	21.43	-38.88	-31.28	-32.57	-6.85	17.30	4.73	4.17	6.60	-0.98	1.72
MRBLD1CB120_SIN		0.00	83.82	-155.23	19.86	273.77	29.44	74.06	50.28	1.53	-13.80	54.54	-14.02	1.70	0.97	-4.27	-9.03
MRBLD1CB164_COS		-1955.39	-126.59	134.81	29.63	-33.79	15.58	2.26	36.67	-33.05	-16.83	15.43	3.61	6.09	4.28	15.74	-3.53
MRBLD1CB164_SIN		0.00	74.58	-55.20	19.92	112.75	21.16	20.32	1.04	4.37	-25.67	56.06	-4.33	4.78	2.64	-8.75	18.81
MRBLD1FB42P75_COS		3152.24	246.86	-390.00	520.76	-127.19	-80.83	-83.13	-287.06	-107.34	-41.34	61.08	52.35	30.29	21.33	2.53	-59.50
MRBLD1FB42P75_SIN		0.00	12.97	-2.81	118.30	104.19	86.26	23.74	164.58	-86.85	-88.36	-91.03	25.17	3.29	6.19	87.31	-30.91
MRBLD1FB70_COS		420.01	2.46	-183.64	146.96	-49.69	-18.41	-8.13	-40.32	-3.27	3.18	-1.24	-1.24	-2.64	-4.44	0.46	13.84
MRBLD1FB70_SIN		0.00	-204.05	20.11	32.11	21.87	8.02	7.71	36.80	-6.48	1.86	2.80	3.05	3.32	0.14	-19.12	6.15
MRBLD1FB87_COS		-78.47	29.76	-153.64	44.91	-49.73	-23.05	-4.69	27.42	16.40	10.78	-6.03	-9.57	-4.09	-3.51	-2.99	8.01
MRBLD1FB87_SIN		0.00	-201.95	46.15	56.65	14.49	1.90	-3.26	-16.38	7.67	11.04	21.35	-5.74	0.37	0.92	-16.59	6.06
MRBLD1FB120_COS		-485.66	26.48	-234.15	7.61	-19.01	-0.19	10.29	57.69	4.74	-9.44	-6.06	1.96	4.15	5.10	1.81	-13.07
MRBLD1FB120_SIN		0.00	-247.30	92.72	130.53	35.25	-0.29	-19.49	-54.77	11.50	-0.50	-10.40	-0.27	-5.99	-3.34	24.82	-9.58
MRBLD1FB164_COS		-173.10	61.75	-331.81	64.05	144.51	63.84	8.20	-87.67	-8.28	12.21	4.07	-2.57	-2.79	-1.12	1.23	5.11
MRBLD1FB164_SIN		0.00	-305.31	98.78	154.86	24.57	-25.79	16.09	66.22	-19.63	0.64	18.36	-3.25	0.34	2.33	-11.02	4.98

RUN	POINT	Harmonics															
49	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.99	4.00	-189.52	24.87	110.71	46.03	-18.55	-83.60	15.23	19.52	-20.66	-13.23	11.06	12.23	-0.53	-16.41
MRBLD1FB180_SIN		0.00	-209.64	63.97	73.75	12.50	-14.57	20.15	70.59	-22.30	-7.75	39.96	-4.59	-2.97	-7.39	27.54	-10.12
MRBLD1TOR51_COS		-1404.12	70.34	-17.77	78.06	-14.29	-20.83	5.53	-31.27	7.24	5.43	-7.34	-0.78	3.35	2.35	-4.79	0.31
MRBLD1TOR51_SIN		0.00	-77.42	8.12	30.98	10.97	1.79	5.79	56.82	-2.12	-7.16	-2.80	-4.21	1.28	1.20	3.77	-7.24
MRBLD1TOR71_COS		-256.91	88.11	-26.31	55.47	-3.78	-11.00	11.19	-14.33	6.39	2.36	-8.87	-1.29	2.69	3.39	-3.32	-0.34
MRBLD1TOR71_SIN		0.00	-77.71	3.52	12.57	-1.25	1.42	8.15	53.25	6.18	-2.14	1.83	-4.10	0.12	0.37	1.69	-3.91
MRBLD1TOR130_COS		-27.10	76.13	-5.97	32.09	11.21	-6.95	9.27	-15.14	4.28	2.83	4.22	-0.56	0.20	0.28	-2.34	-2.06
MRBLD1TOR130_SIN		0.00	-63.01	-0.21	2.35	0.98	4.88	9.04	41.40	2.32	-1.09	3.99	8.34	2.89	0.37	-0.88	4.06
MRBLD1TOR164_COS		-219.26	39.86	47.35	5.45	-7.69	-15.38	-2.06	-0.48	5.56	3.52	0.17	0.18	1.61	3.26	-3.58	-2.28
MRBLD1TOR164_SIN		0.00	-23.29	-7.61	-23.76	-6.30	5.64	8.40	22.47	3.31	-0.71	4.96	5.79	2.71	0.11	0.73	-1.31
MRFBM1CB26P5_COS		-4755.04	-657.61	-24.21	80.59	-1.48	-9.83	3.23	-15.92	0.27	-0.39	5.85	0.61	0.64	0.46	-4.36	-0.68
MRFBM1CB26P5_SIN		0.00	-120.46	3.22	-19.08	-21.15	-9.80	-12.89	-4.87	-9.04	-3.15	-1.91	3.10	0.95	1.57	2.68	-2.85
MRFBM1FB9_COS		338.31	-17.63	144.28	-101.23	23.19	13.75	6.73	17.54	-1.28	-2.45	-4.05	0.26	-0.02	0.37	2.38	-1.28
MRFBM1FB9_SIN		0.00	-20.15	26.06	-85.02	-14.15	-2.29	4.04	3.47	5.88	1.88	1.00	-2.01	-1.16	-0.42	-0.35	1.66
MRFBM1TOR26P5_COS		-350.46	82.26	-0.71	0.36	-0.39	0.02	0.07	-0.12	0.18	0.02	-0.13	0.03	0.03	-0.03	0.19	0.06
MRFBM1TOR26P5_SIN		0.00	-102.52	0.24	0.08	0.07	-0.29	0.26	0.26	0.21	0.06	-0.03	-0.16	0.02	0.08	-0.03	0.01

RUN	POINT	Harmonics															
49	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1125.94	-1444.20	-42.07	257.16	-42.87	-54.74	-23.85	-129.67	12.03	22.91	23.75	6.72	2.42	-0.01	-30.67	-1.36
MRPC1CB33P25_SIN		0.00	-59.83	-21.78	12.55	73.17	-6.46	-0.82	21.99	-57.57	-15.58	-53.95	33.38	10.29	7.66	26.04	-22.53
MRPC1FB33P25_COS		2308.34	174.91	-336.98	403.43	-132.79	-91.24	-74.24	-287.83	-39.01	17.65	96.30	21.49	18.21	8.29	-77.33	-6.91
MRPC1FB33P25_SIN		0.00	177.88	-70.89	194.69	66.08	48.55	-12.57	10.61	-115.84	-86.13	-33.37	51.08	23.45	21.65	55.46	-70.20
MRPC1TOR25P5_COS		-755.39	-48.15	-27.40	-73.44	6.63	10.43	-14.09	18.48	-9.58	-2.01	13.72	2.02	-4.25	-1.18	-10.41	-5.24
MRPC1TOR25P5_SIN		0.00	133.30	-53.78	-5.41	-1.67	3.76	-4.52	-63.42	-5.19	5.37	-0.59	13.46	-0.26	0.58	0.86	0.46
MRPLK1LOAD_COS		-84.11	0.89	-0.13	-9.19	1.53	2.04	-1.50	4.00	-1.05	-0.39	2.15	-0.28	-0.65	-0.12	-1.91	-0.96
MRPLK1LOAD_SIN		0.00	-11.86	-3.25	-2.49	-0.86	0.69	-1.07	-8.27	-0.46	0.39	0.46	1.90	-0.29	-0.21	-0.64	0.44
PITCHRH_COS		9983.46	-8532.59	-410.69	-62.53	-47.03	-472.43	-106.01	-51.43	56.37	-42.39	46.27	-67.89	7.93	5.49	-11.09	-371.75
PITCHRH_SIN		0.00	2449.38	-663.89	66.68	-59.39	402.76	43.19	126.78	44.52	-70.95	-230.66	30.75	-16.47	78.17	8.86	278.92
ROLLRH_COS		2056.20	-2069.35	718.52	-24.91	-112.64	-806.87	-150.60	-15.73	105.63	60.38	309.41	-58.23	-19.51	40.20	5.73	-634.81
ROLLRH_SIN		0.00	-8148.81	-529.21	-5.62	124.07	194.94	-195.34	-24.34	23.01	-41.87	-37.64	-45.25	-14.58	-20.36	-25.11	-374.03
TORQ_COS		31072.19	411.57	8.53	12.89	-69.12	67.05	-0.32	19.97	-17.96	-0.30	2.00	0.58	2.78	-1.92	-3.93	3.72
TORQ_SIN		0.00	696.20	-12.67	12.99	-95.79	58.77	3.15	23.61	7.48	-6.61	4.33	3.46	-2.98	5.59	-8.68	-23.14
THRUST_COS		5845.06	-62.94	4.95	13.10	12.87	34.92	2.09	18.88	-1.88	-3.79	-24.35	1.62	1.25	-1.56	0.11	14.25
THRUST_SIN		0.00	-51.50	8.59	1.19	33.56	-38.04	7.45	6.22	-1.65	2.09	25.65	-4.71	2.88	-3.04	-4.04	38.83

RUN	POINT	Harmonics															
49	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-173.21	26.44	-18.97	-3.82	-16.71	41.05	8.78	-1.23	-1.36	-2.85	-12.92	3.06	0.76	-1.40	-0.65	18.75
SIDERH_SIN		0.00	163.80	13.78	4.35	-55.46	-67.61	11.82	-0.48	-0.80	2.37	1.58	2.64	0.56	0.79	0.37	10.79
DRAGRH_COS		-188.86	222.30	11.18	-2.43	-8.02	43.15	-12.03	-2.78	-0.96	1.24	3.39	4.56	-0.51	-1.04	-0.31	16.56
DRAGRH_SIN		0.00	-60.05	17.29	0.00	8.06	41.05	-19.14	-0.59	2.76	3.50	12.70	-5.43	-0.04	-2.57	-1.01	-12.96

RUN	POINT	Harmonics															
49	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.49	-0.13	-0.59	-3.39	-2.88	-0.79	0.02	0.63	0.26	0.05	0.03	0.20	0.23	0.05	0.14	-0.06
ACT1FORCE_SIN		0.00	10.85	1.93	0.81	0.27	-0.93	-0.68	-0.40	0.03	0.09	-0.09	0.07	0.05	-0.05	-0.01	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.33	-10.73	0.47	31.33	26.19	7.79	1.50	0.05	0.04	-0.01	0.01	0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-82.55	-14.21	-6.80	-3.15	7.82	8.73	-0.10	-0.03	-0.02	-0.04	0.00	0.01	0.01	-0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.42	10.84	-0.42	-31.36	-26.25	-7.87	-1.57	-0.06	-0.04	0.01	-0.01	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	82.70	14.27	6.90	3.25	-7.79	-8.75	0.08	0.01	0.00	0.04	0.01	-0.01	-0.01	0.01	0.03
MRBLD1CB42P75_COS		-4065.70	-1413.79	54.66	244.03	-48.63	-66.60	-36.93	-140.21	32.74	38.59	29.74	0.80	-3.81	-5.87	-29.25	-3.05
MRBLD1CB42P75_SIN		0.00	-138.75	-45.07	58.94	147.77	-15.22	20.27	38.97	-54.83	-1.48	-109.66	48.06	13.87	5.41	29.85	-21.31

RUN	POINT	Harmonics															
49	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2759.68	-882.56	315.87	144.16	-17.03	-29.32	-61.62	-90.93	22.63	36.74	9.55	5.40	-1.66	-3.12	-19.10	-3.45
MRBLD1CB70_SIN		0.00	-69.14	-61.34	94.57	276.40	23.19	65.31	57.25	-32.19	0.96	-90.99	24.15	9.50	0.25	21.07	-21.06
MRBLD1CB120_COS		-541.10	-371.74	440.64	138.79	-5.85	24.42	-52.20	-22.69	-32.45	-6.12	7.64	4.63	3.64	6.63	-0.91	1.41
MRBLD1CB120_SIN		0.00	75.60	-139.97	10.08	261.33	44.82	75.00	45.45	0.67	-13.91	67.32	-18.31	0.69	1.88	-3.17	-8.28
MRBLD1CB164_COS		-1962.11	-120.46	143.00	30.40	-44.47	18.66	-2.84	39.77	-30.77	-13.96	5.10	2.47	6.41	4.18	11.41	-3.13
MRBLD1CB164_SIN		0.00	74.22	-50.52	15.06	106.91	28.97	19.43	-1.32	1.16	-25.19	74.37	-7.47	2.07	1.15	-12.25	16.78
MRBLD1FB42P75_COS		3148.01	205.14	-390.53	527.05	-167.29	-102.37	-72.95	-266.17	-105.26	-34.10	80.47	49.91	31.28	23.76	13.44	-60.65
MRBLD1FB42P75_SIN		0.00	31.52	-17.42	102.46	128.59	75.64	17.22	150.31	-90.69	-90.20	-80.24	34.73	5.01	7.79	83.12	-28.13
MRBLD1FB70_COS		418.55	2.28	-186.04	149.01	-63.75	-24.79	-6.47	-37.19	-3.46	2.72	-1.75	-1.44	-3.26	-5.38	-1.82	13.72
MRBLD1FB70_SIN		0.00	-200.82	14.45	27.42	28.12	5.75	6.67	34.94	-6.35	1.90	1.82	2.93	3.01	-0.49	-18.37	5.77
MRBLD1FB87_COS		-82.17	27.49	-159.62	45.45	-57.14	-25.20	-5.38	25.14	15.57	8.84	-10.51	-9.36	-4.39	-4.01	-5.57	8.10
MRBLD1FB87_SIN		0.00	-199.06	41.65	55.40	17.55	2.45	-2.57	-14.12	8.63	11.77	20.47	-8.04	-0.02	0.81	-15.60	5.29
MRBLD1FB120_COS		-483.42	28.36	-244.12	10.05	-20.48	4.71	8.72	53.74	5.58	-8.96	-4.58	1.74	4.19	5.10	4.69	-13.56
MRBLD1FB120_SIN		0.00	-245.31	82.30	129.55	30.69	-0.18	-21.27	-53.67	9.60	-2.13	-10.87	0.50	-6.25	-3.73	23.05	-8.47
MRBLD1FB164_COS		-164.39	62.83	-344.82	64.04	158.01	72.58	4.79	-81.99	-11.27	9.56	0.31	-2.52	-2.25	-0.72	0.30	5.62
MRBLD1FB164_SIN		0.00	-305.55	82.47	157.53	20.46	-19.66	17.50	63.39	-19.20	1.74	18.01	-4.72	0.49	2.17	-10.38	4.09

RUN	POINT	Harmonics															
49	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-207.17	4.66	-196.60	24.17	121.80	48.69	-19.89	-80.78	10.89	13.60	-30.44	-11.86	10.68	10.89	1.88	-17.50
MRBLD1FB180_SIN		0.00	-210.89	53.51	75.54	10.94	-13.02	19.54	67.37	-21.28	-6.73	38.19	-9.86	-5.40	-9.29	25.73	-7.77
MRBLD1TOR51_COS		-1407.42	71.86	-15.15	78.71	-14.69	-18.07	6.82	-27.82	7.46	4.70	-8.55	-0.07	3.68	2.84	-4.12	-0.61
MRBLD1TOR51_SIN		0.00	-75.69	7.70	28.39	11.35	3.06	9.53	53.39	-2.96	-7.70	-4.48	-5.29	0.90	0.94	5.02	-5.83
MRBLD1TOR71_COS		-258.03	87.89	-24.86	55.45	-2.85	-7.99	12.07	-12.19	6.46	1.49	-10.54	-0.43	2.89	3.56	-3.04	-0.85
MRBLD1TOR71_SIN		0.00	-75.43	3.31	10.80	-0.83	3.04	11.74	50.44	5.51	-2.64	0.65	-5.45	-0.18	0.32	2.50	-2.97
MRBLD1TOR130_COS		-27.13	76.46	-5.00	31.70	14.26	-4.00	9.64	-13.13	4.26	2.51	3.94	-1.18	-0.04	-0.19	-2.59	-1.77
MRBLD1TOR130_SIN		0.00	-61.01	0.27	1.00	0.93	6.68	12.33	39.56	1.98	-1.10	5.02	7.90	2.99	0.40	-1.74	2.80
MRBLD1TOR164_COS		-220.15	40.36	48.27	4.84	-8.66	-15.15	-1.21	-0.19	5.30	3.10	-0.66	-0.26	1.26	2.79	-3.19	-2.05
MRBLD1TOR164_SIN		0.00	-22.25	-4.80	-24.42	-6.38	4.91	10.31	22.10	3.47	-1.09	4.90	5.17	2.94	0.50	0.20	-2.71
MRFBM1CB26P5_COS		-4779.74	-573.78	-17.49	82.99	1.77	-10.76	6.17	-15.90	0.67	0.15	6.68	0.03	0.50	0.76	-4.06	-0.57
MRFBM1CB26P5_SIN		0.00	-127.97	1.31	-20.41	-19.72	-14.96	-13.50	-4.39	-9.11	-2.64	0.77	3.90	0.80	1.96	3.04	-3.08
MRFBM1FB9_COS		340.14	-72.73	139.47	-104.52	29.21	15.07	5.91	16.28	-1.38	-2.57	-4.49	0.65	0.12	0.37	2.16	-1.08
MRFBM1FB9_SIN		0.00	13.70	32.29	-80.94	-14.66	-1.02	4.57	3.09	6.00	1.85	0.78	-2.12	-1.18	-0.43	-0.78	1.68
MRFBM1TOR26P5_COS		-350.23	83.96	-0.74	0.37	-0.31	0.09	0.06	-0.10	0.16	0.00	-0.15	0.03	0.04	-0.03	0.19	0.05
MRFBM1TOR26P5_SIN		0.00	-101.50	0.21	0.03	-0.02	-0.22	0.27	0.22	0.21	0.05	-0.09	-0.14	0.02	0.06	-0.03	0.04

RUN	POINT	Harmonics															
49	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1103.92	-1305.09	-25.61	266.93	-50.10	-60.26	-19.63	-124.23	12.48	23.47	33.67	3.18	1.68	-0.97	-26.89	-3.35
MRPC1CB33P25_SIN		0.00	-102.32	-24.47	7.48	69.23	-17.55	-2.00	21.03	-56.89	-15.84	-60.91	37.90	11.56	7.77	27.86	-23.27
MRPC1FB33P25_COS		2304.59	134.52	-334.10	411.00	-170.79	-105.16	-64.44	-265.41	-35.83	23.70	104.29	14.17	17.16	8.16	-66.86	-9.64
MRPC1FB33P25_SIN		0.00	189.82	-84.68	182.29	75.05	33.77	-14.08	7.89	-117.19	-83.34	-15.84	56.34	25.56	24.20	61.55	-70.25
MRPC1TOR25P5_COS		-754.54	-51.92	-28.50	-74.46	5.58	7.60	-15.70	16.19	-9.65	-1.66	16.29	1.03	-4.90	-2.40	-10.10	-4.36
MRPC1TOR25P5_SIN		0.00	129.31	-59.39	-4.61	-5.19	0.97	-9.44	-60.55	-4.61	5.61	0.15	14.17	0.02	0.77	-0.98	-2.94
MRPLK1LOAD_COS		-83.81	1.51	-0.41	-9.42	1.47	1.61	-1.61	3.66	-1.00	-0.27	2.48	-0.41	-0.72	-0.34	-1.88	-0.78
MRPLK1LOAD_SIN		0.00	-12.35	-3.19	-2.19	-1.06	0.50	-1.65	-7.67	-0.26	0.46	0.78	1.83	-0.23	-0.12	-0.94	-0.09
PITCHRH_COS		10893.41	-8599.49	-396.91	-51.76	-23.88	-515.83	-27.26	-63.20	72.20	-34.56	43.49	-107.14	19.51	32.88	-23.57	-339.16
PITCHRH_SIN		0.00	2507.29	-655.31	76.74	-47.23	490.11	80.98	155.14	21.32	-121.99	-159.12	35.72	11.46	79.33	2.68	257.08
ROLLRH_COS		1518.06	-2135.83	732.24	-16.37	-144.77	-917.38	-129.53	-11.10	110.83	96.69	271.00	-59.18	-11.29	48.94	-15.14	-579.75
ROLLRH_SIN		0.00	-8243.74	-512.76	-10.75	154.79	-33.20	-204.41	-17.61	37.48	-33.27	-29.00	-74.27	-18.95	-30.42	-15.77	-412.97
TORQ_COS		31116.13	406.92	5.69	7.99	-71.44	73.93	-2.85	24.18	-20.89	0.13	-1.79	1.89	4.59	-5.06	-5.41	2.29
TORQ_SIN		0.00	677.98	-22.08	8.82	-76.56	69.09	4.09	21.07	4.03	-9.01	-3.94	1.90	-5.98	3.71	-10.30	-18.91
THRUST_COS		5859.55	-63.46	4.14	11.19	13.74	43.07	1.55	20.90	-2.36	-4.58	-26.34	1.83	-0.03	-2.98	-1.23	12.76
THRUST_SIN		0.00	-49.27	10.36	1.50	31.52	-35.39	5.63	4.23	-0.75	3.03	15.14	-5.59	1.44	-2.44	-5.87	37.60

RUN	POINT	Harmonics															
49	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.82	29.82	-19.50	-4.04	-18.06	62.61	9.27	-1.92	-1.95	-4.38	-11.17	3.37	0.56	-1.62	0.09	17.22
SIDERH_SIN		0.00	169.24	13.46	4.11	-63.10	-66.41	9.06	-0.15	-0.93	2.78	1.84	4.23	0.80	1.13	0.21	11.93
DRAGRH_COS		-182.18	223.78	11.22	-2.73	-12.50	25.16	-19.00	-2.53	-0.76	-0.54	4.67	6.47	-1.05	-2.13	0.47	14.42
DRAGRH_SIN		0.00	-61.77	16.99	0.13	9.99	49.03	-24.94	3.11	4.64	6.72	9.87	-6.01	0.37	-2.12	-0.56	-11.70

RUN	POINT	Harmonics															
49	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.84	0.08	-0.12	-3.33	-2.59	-0.67	0.01	0.64	0.23	0.02	0.02	0.22	0.24	0.04	0.18	-0.03
ACT1FORCE_SIN		0.00	10.61	1.83	0.77	0.31	-0.92	-0.54	-0.35	0.08	0.09	-0.15	0.06	0.04	-0.10	-0.03	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.27	-12.30	-3.40	31.29	24.03	6.25	1.11	0.06	0.03	-0.01	0.02	0.03	0.01	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-81.35	-13.38	-6.46	-2.95	7.04	7.59	-0.07	-0.01	-0.02	-0.03	0.00	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.48	12.40	3.46	-31.32	-24.08	-6.31	-1.16	-0.07	-0.03	0.01	-0.01	-0.02	-0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	81.49	13.43	6.56	3.05	-7.02	-7.61	0.06	-0.01	0.00	0.02	0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4063.37	-1569.22	-5.97	232.95	-43.89	-67.10	-31.23	-135.84	28.92	37.25	24.88	-1.20	-6.74	-7.59	-37.69	-9.59
MRBLD1CB42P75_SIN		0.00	-272.88	-58.07	66.33	164.46	-1.88	15.19	36.42	-54.89	4.79	-78.46	37.14	11.40	7.71	35.84	-25.99

RUN	POINT	Harmonics															
49	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.72	-976.46	269.87	134.05	-16.10	-49.58	-43.33	-89.27	20.92	36.57	8.41	1.88	-3.81	-2.49	-25.43	-7.71
MRBLD1CB70_SIN		0.00	-147.64	-78.09	104.11	308.27	32.78	58.07	56.13	-31.90	7.43	-57.73	17.44	6.44	3.41	27.99	-26.35
MRBLD1CB120_COS		-550.70	-401.83	404.94	133.51	5.16	-0.45	-30.72	-25.94	-29.96	-5.49	9.89	7.68	6.01	6.81	-0.79	1.82
MRBLD1CB120_SIN		0.00	48.39	-158.61	22.01	282.31	47.61	68.88	48.98	3.11	-17.07	48.10	-11.94	1.75	0.89	-3.75	-9.87
MRBLD1CB164_COS		-1961.95	-126.64	131.90	26.90	-36.66	4.80	2.70	34.87	-30.04	-13.52	8.66	6.37	7.61	4.30	16.83	0.54
MRBLD1CB164_SIN		0.00	66.56	-56.46	21.40	115.37	28.12	19.99	2.03	4.69	-28.73	46.76	-1.42	6.17	1.32	-13.98	22.30
MRBLD1FB42P75_COS		3149.87	248.74	-418.58	511.26	-105.77	-68.08	-77.43	-268.69	-104.98	-41.66	61.37	50.35	30.35	22.32	11.79	-77.52
MRBLD1FB42P75_SIN		0.00	52.64	-3.62	132.04	82.77	81.74	16.26	159.86	-79.01	-87.42	-91.01	25.16	6.07	13.56	101.66	-26.15
MRBLD1FB70_COS		420.75	-0.15	-194.15	143.06	-43.97	-15.38	-5.89	-36.42	-2.33	3.69	-0.36	-0.96	-2.43	-4.31	-1.04	18.01
MRBLD1FB70_SIN		0.00	-205.61	18.39	36.97	16.27	7.35	5.44	35.01	-5.92	1.89	2.47	2.83	2.75	-1.21	-21.90	5.38
MRBLD1FB87_COS		-78.21	28.20	-157.72	43.24	-46.90	-22.20	-4.53	25.63	15.91	10.26	-7.05	-8.70	-3.93	-3.90	-5.38	11.28
MRBLD1FB87_SIN		0.00	-203.03	44.39	59.90	12.59	2.29	-2.56	-15.71	6.84	10.95	21.20	-5.58	-0.23	-0.54	-19.67	4.88
MRBLD1FB120_COS		-482.93	24.61	-237.33	6.41	-19.87	-1.86	9.03	53.04	4.61	-8.91	-5.30	2.08	4.47	6.00	5.57	-17.85
MRBLD1FB120_SIN		0.00	-247.96	90.96	133.91	36.47	0.61	-16.09	-51.83	10.53	-0.66	-10.00	0.07	-5.48	-1.84	28.94	-8.14
MRBLD1FB164_COS		-168.73	60.46	-342.80	67.16	134.81	61.06	6.67	-80.53	-7.92	9.98	2.78	-2.55	-1.87	-1.14	-0.62	7.59
MRBLD1FB164_SIN		0.00	-302.01	97.04	157.91	30.12	-27.35	13.19	62.53	-19.05	0.53	17.50	-2.96	-0.17	0.97	-13.32	4.45

RUN	POINT	Harmonics															
49	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.76	5.68	-195.84	29.65	105.61	45.55	-18.08	-76.04	15.22	17.18	-22.67	-9.67	13.89	14.81	6.02	-21.58
MRBLD1FB180_SIN		0.00	-207.85	63.19	75.10	15.16	-15.97	18.04	67.55	-21.43	-6.02	40.84	-3.38	-2.84	-6.40	31.58	-8.91
MRBLD1TOR51_COS		-1406.92	67.72	-24.80	75.87	-12.69	-21.39	5.14	-27.82	7.48	5.07	-7.58	-0.48	3.52	2.64	-4.34	-0.70
MRBLD1TOR51_SIN		0.00	-78.16	6.26	31.30	9.20	0.70	4.74	54.82	-1.41	-6.39	-1.88	-3.38	1.82	1.79	5.81	-8.23
MRBLD1TOR71_COS		-257.32	85.67	-31.36	53.66	-2.90	-11.54	10.43	-11.95	6.87	2.23	-9.40	-0.89	2.95	3.58	-2.96	-0.81
MRBLD1TOR71_SIN		0.00	-76.51	2.01	12.37	-2.75	-0.20	7.31	51.24	6.41	-1.65	2.31	-3.17	0.40	0.65	2.75	-4.53
MRBLD1TOR130_COS		-26.86	74.52	-9.31	31.28	11.04	-7.48	8.78	-12.63	4.95	3.34	4.50	-0.20	0.28	-0.03	-2.68	-1.81
MRBLD1TOR130_SIN		0.00	-62.13	-1.38	1.61	0.41	3.48	8.02	39.88	2.76	-0.65	4.43	8.47	2.63	0.27	-1.66	4.06
MRBLD1TOR164_COS		-219.30	38.93	48.06	4.93	-6.02	-15.00	-1.40	0.30	5.88	3.95	0.24	0.67	1.95	3.00	-4.04	-2.64
MRBLD1TOR164_SIN		0.00	-23.18	-7.90	-24.93	-7.15	5.18	8.10	21.70	3.50	-0.22	5.32	6.07	2.57	0.45	1.37	-1.33
MRFBM1CB26P5_COS		-4781.11	-651.74	-41.47	82.11	-1.34	-7.38	2.36	-15.80	-0.40	-0.51	5.59	0.63	0.49	-0.24	-4.95	-1.08
MRFBM1CB26P5_SIN		0.00	-202.68	-2.35	-20.14	-22.46	-12.14	-13.18	-4.62	-9.41	-3.21	-2.81	3.16	1.03	1.48	2.57	-3.78
MRFBM1FB9_COS		328.98	1.62	164.56	-97.81	20.19	13.28	6.32	16.67	-1.07	-2.27	-4.07	0.34	0.19	0.61	2.81	-1.07
MRFBM1FB9_SIN		0.00	32.19	33.01	-87.19	-12.98	-2.82	4.22	3.07	5.76	1.88	0.76	-1.79	-1.07	-0.48	-0.68	2.38
MRFBM1TOR26P5_COS		-352.04	84.26	-0.69	0.39	-0.44	0.02	0.03	-0.09	0.17	0.00	-0.12	0.02	0.04	-0.02	0.21	0.05
MRFBM1TOR26P5_SIN		0.00	-100.97	0.27	0.14	0.02	-0.28	0.26	0.22	0.22	0.04	-0.02	-0.18	0.03	0.08	0.00	0.04

RUN	POINT	Harmonics															
49	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1100.10	-1443.78	-82.65	257.47	-41.95	-52.52	-21.00	-122.21	8.72	21.11	29.00	3.26	-0.26	-3.15	-34.20	-9.08
MRPC1CB33P25_SIN		0.00	-213.66	-32.30	13.37	70.94	-5.71	-3.83	20.61	-55.43	-13.08	-49.75	30.40	10.46	8.83	32.54	-28.46
MRPC1FB33P25_COS		2307.75	173.28	-359.29	393.08	-110.01	-80.34	-66.71	-271.47	-41.04	16.69	96.42	20.03	15.91	2.62	-83.68	-21.73
MRPC1FB33P25_SIN		0.00	214.16	-76.26	204.18	54.02	48.91	-16.99	15.00	-108.51	-85.45	-33.04	49.22	25.29	26.92	72.05	-84.38
MRPC1TOR25P5_COS		-753.94	-44.02	-21.56	-71.71	5.98	10.25	-13.07	15.43	-9.89	-1.30	14.15	0.94	-5.15	-2.53	-12.66	-6.42
MRPC1TOR25P5_SIN		0.00	135.26	-54.18	-6.01	-0.36	5.29	-4.55	-61.38	-5.74	4.55	-0.66	12.44	-1.43	0.10	-0.16	-0.79
MRPLK1LOAD_COS		-84.21	1.69	0.78	-9.05	1.39	2.08	-1.40	3.62	-1.10	-0.22	2.18	-0.32	-0.70	-0.38	-2.19	-0.98
MRPLK1LOAD_SIN		0.00	-12.12	-3.07	-2.67	-0.61	0.95	-0.94	-7.93	-0.50	0.38	0.44	1.81	-0.47	-0.32	-1.00	0.25
PITCHRH_COS		9668.18	-8603.23	-401.99	-47.72	-17.99	-382.07	-49.77	-68.49	28.67	-62.30	62.90	-78.59	-5.99	-24.54	-29.35	-369.70
PITCHRH_SIN		0.00	2514.93	-644.41	42.84	-91.76	342.05	94.27	118.16	52.48	-101.31	-260.25	36.05	-7.57	89.00	3.71	282.16
ROLLRH_COS		1107.33	-2158.25	722.40	-42.28	-112.17	-773.86	-141.74	-37.16	86.14	98.25	305.32	-61.14	-21.09	53.83	-40.65	-650.58
ROLLRH_SIN		0.00	-8215.19	-519.83	-14.11	133.67	279.91	-200.73	-28.07	-1.42	-35.56	-61.60	-48.65	-7.90	-29.39	-28.61	-361.24
TORQ_COS		31093.33	403.77	7.54	14.37	-55.00	66.55	-2.27	20.93	-14.96	-0.35	1.69	1.51	6.06	-2.38	-2.61	-0.25
TORQ_SIN		0.00	671.21	-20.42	12.49	-114.31	57.83	3.83	25.30	7.13	-6.55	6.95	3.96	-5.69	6.10	-7.84	-20.42
THRUST_COS		5830.11	-63.37	4.95	14.34	10.12	33.57	2.09	19.66	-1.53	-4.64	-22.54	2.25	2.34	0.35	1.46	16.13
THRUST_SIN		0.00	-50.88	9.66	2.65	36.49	-37.73	5.62	6.84	-2.63	3.11	32.23	-4.34	2.21	-1.47	-6.34	40.44

RUN	POINT	Harmonics															
49	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.27	31.02	-18.61	-4.82	-12.44	35.02	11.00	-0.87	-0.88	-4.67	-12.43	3.33	0.96	-1.72	0.78	19.02
SIDERH_SIN		0.00	167.06	13.09	2.83	-61.97	-71.50	8.48	0.59	0.01	2.63	2.66	3.07	0.27	1.03	0.53	10.33
DRAGRH_COS		-191.05	223.79	10.17	-2.12	-11.13	49.73	-17.25	-0.79	-2.34	1.71	1.06	4.40	-0.87	0.14	0.96	16.26
DRAGRH_SIN		0.00	-62.34	15.78	-0.30	6.43	43.54	-26.37	0.82	1.96	4.40	13.20	-5.64	-0.02	-4.69	-1.32	-13.30

RUN	POINT	Harmonics															
49	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.55	0.06	-0.18	-3.33	-2.60	-0.72	-0.03	0.71	0.23	0.03	0.00	0.22	0.26	0.06	0.17	-0.04
ACT1FORCE_SIN		0.00	10.51	1.78	0.85	0.31	-0.87	-0.60	-0.35	0.10	0.08	-0.14	0.07	0.05	-0.08	-0.01	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.95	-12.16	-2.86	31.83	24.08	7.19	1.45	0.06	0.03	0.00	0.01	0.03	0.02	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-80.05	-13.16	-7.26	-3.81	7.07	8.49	-0.07	-0.01	-0.01	-0.03	0.01	0.01	0.00	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.79	12.26	2.92	-31.85	-24.13	-7.26	-1.51	-0.07	-0.03	0.00	0.00	-0.02	-0.02	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	80.19	13.21	7.36	3.90	-7.04	-8.51	0.06	0.00	0.00	0.02	0.00	0.00	0.00	-0.01	0.02
MRBLD1CB42P75_COS		-4058.21	-1558.36	0.67	234.98	-39.48	-58.95	-39.02	-154.48	34.76	38.51	5.58	7.78	-1.65	-4.32	-27.81	-7.11
MRBLD1CB42P75_SIN		0.00	-252.29	-53.78	66.63	153.54	-13.46	18.72	25.53	-60.31	2.61	-90.69	42.34	11.95	7.30	29.91	-20.30

RUN	POINT	Harmonics															
49	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.79	-969.21	274.14	133.72	-8.20	-28.43	-50.84	-103.28	23.00	37.94	-3.21	8.35	0.20	-0.95	-19.34	-5.81
MRBLD1CB70_SIN		0.00	-139.44	-75.24	102.21	289.80	15.16	61.35	47.73	-36.70	5.04	-68.72	21.32	6.19	2.57	19.54	-23.06
MRBLD1CB120_COS		-551.40	-400.32	407.61	132.92	8.22	20.03	-34.35	-31.85	-34.77	-7.54	22.11	3.16	5.15	6.14	-1.08	1.36
MRBLD1CB120_SIN		0.00	46.44	-153.78	19.46	268.25	33.00	73.63	44.00	-0.50	-15.90	55.27	-14.85	0.99	0.36	-3.38	-9.27
MRBLD1CB164_COS		-1961.16	-125.25	134.09	28.36	-35.26	15.19	5.00	39.01	-33.30	-15.39	18.64	2.12	6.12	3.96	13.45	-0.12
MRBLD1CB164_SIN		0.00	66.18	-54.56	20.31	109.62	23.13	21.38	3.89	2.40	-28.72	56.28	-4.76	5.12	0.49	-9.85	19.35
MRBLD1FB42P75_COS		3144.47	243.09	-413.50	516.75	-122.41	-91.75	-92.94	-315.57	-117.75	-46.95	50.37	51.75	31.80	23.23	16.48	-65.18
MRBLD1FB42P75_SIN		0.00	50.20	-1.35	135.89	96.04	78.45	25.70	143.71	-95.63	-90.35	-90.03	19.99	-0.56	5.28	80.25	-22.43
MRBLD1FB70_COS		419.62	-0.32	-192.12	145.70	-48.09	-19.88	-8.67	-44.33	-3.50	3.52	-0.55	-0.30	-2.22	-4.47	-1.98	15.40
MRBLD1FB70_SIN		0.00	-203.67	19.00	38.44	19.04	5.42	7.82	32.85	-7.76	1.46	2.38	3.26	3.78	0.31	-17.69	4.59
MRBLD1FB87_COS		-78.67	27.48	-157.92	43.87	-49.01	-23.07	-4.01	29.92	17.54	11.07	-4.43	-10.16	-4.67	-4.22	-6.57	8.45
MRBLD1FB87_SIN		0.00	-199.94	44.55	60.61	13.06	1.11	-3.44	-14.45	9.21	11.87	21.14	-4.54	1.37	1.64	-14.56	4.39
MRBLD1FB120_COS		-481.03	26.38	-236.94	6.46	-19.32	1.12	11.16	64.12	5.61	-8.94	-6.48	2.01	4.42	5.68	6.85	-13.77
MRBLD1FB120_SIN		0.00	-244.09	88.81	135.34	33.41	1.26	-20.28	-50.04	12.37	-1.35	-10.33	-0.78	-6.91	-4.44	21.78	-7.03
MRBLD1FB164_COS		-169.13	59.76	-344.84	61.69	139.24	64.83	6.04	-94.14	-9.80	10.84	4.73	-3.26	-2.58	-1.28	-1.41	6.02
MRBLD1FB164_SIN		0.00	-301.21	95.38	161.78	29.88	-16.23	17.67	60.24	-21.45	0.58	18.19	-3.25	0.39	2.07	-9.51	3.63

RUN	POINT	Harmonics															
49	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.83	6.01	-197.00	25.62	109.41	47.81	-18.98	-89.29	15.16	19.48	-17.44	-16.47	9.36	12.50	5.84	-18.15
MRBLD1FB180_SIN		0.00	-208.37	61.63	76.58	16.43	-10.21	20.26	63.19	-23.13	-7.46	37.41	-4.95	-4.64	-10.55	21.90	-8.35
MRBLD1TOR51_COS		-1407.79	68.26	-23.32	75.91	-13.95	-20.95	3.94	-36.15	6.41	5.51	-6.85	-1.21	3.30	3.34	-2.13	0.29
MRBLD1TOR51_SIN		0.00	-77.96	7.96	31.75	9.29	-0.15	6.94	52.18	-2.91	-7.00	-2.96	-4.75	0.58	0.74	4.67	-6.94
MRBLD1TOR71_COS		-257.83	86.22	-30.16	53.83	-3.42	-10.76	10.07	-18.02	5.80	2.61	-7.94	-1.79	2.45	4.10	-1.59	-0.32
MRBLD1TOR71_SIN		0.00	-76.22	3.40	12.64	-2.42	-0.03	9.33	50.38	5.86	-2.02	1.88	-4.40	-0.47	-0.01	2.05	-3.74
MRBLD1TOR130_COS		-27.28	74.91	-8.67	31.05	10.97	-6.86	8.21	-18.51	3.66	2.75	3.96	-0.22	0.00	-0.39	-3.46	-2.50
MRBLD1TOR130_SIN		0.00	-61.86	-0.38	1.43	0.49	3.85	10.02	38.62	1.41	-1.36	3.61	8.38	3.06	0.76	-1.69	3.49
MRBLD1TOR164_COS		-219.34	39.49	48.39	5.27	-6.73	-14.69	-1.94	-1.70	5.43	3.79	0.57	0.28	1.91	2.95	-3.63	-3.17
MRBLD1TOR164_SIN		0.00	-23.21	-7.18	-25.23	-7.29	3.34	8.63	21.23	3.41	-0.86	4.67	5.55	2.71	0.32	0.55	-1.69
MRFBM1CB26P5_COS		-4779.93	-645.07	-38.80	82.94	-0.81	-9.89	2.39	-17.44	0.71	-0.69	4.30	0.74	0.57	0.54	-3.66	-1.00
MRFBM1CB26P5_SIN		0.00	-188.79	-0.03	-19.94	-22.10	-11.33	-12.88	-5.34	-9.74	-3.02	-2.27	2.94	0.96	1.25	3.16	-2.94
MRFBM1FB9_COS		325.27	-4.70	161.02	-99.19	22.66	14.25	7.26	17.79	-1.32	-2.32	-3.91	0.06	-0.14	0.37	2.09	-0.94
MRFBM1FB9_SIN		0.00	25.01	28.29	-87.78	-13.72	-1.22	4.28	5.34	6.64	2.13	1.48	-1.96	-1.23	-0.55	-0.69	1.89
MRFBM1TOR26P5_COS		-352.04	84.32	-0.68	0.38	-0.42	0.06	0.05	-0.12	0.17	0.02	-0.12	0.01	0.04	-0.03	0.21	0.07
MRFBM1TOR26P5_SIN		0.00	-101.05	0.26	0.11	0.00	-0.29	0.28	0.22	0.22	0.06	-0.01	-0.17	0.02	0.06	-0.01	0.03

RUN	POINT	Harmonics															
49	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1100.14	-1433.89	-76.28	260.47	-42.35	-53.83	-26.67	-138.27	12.57	21.32	16.37	8.88	3.66	-0.02	-24.77	-6.97
MRPC1CB33P25_SIN		0.00	-195.27	-27.49	14.19	66.99	-12.22	-0.83	10.72	-61.45	-14.99	-55.60	32.35	10.19	7.96	27.83	-22.77
MRPC1FB33P25_COS		2302.98	167.77	-356.01	396.79	-126.75	-97.84	-82.31	-301.51	-43.16	14.13	87.53	25.23	21.88	9.84	-63.01	-18.18
MRPC1FB33P25_SIN		0.00	211.22	-73.50	208.11	61.02	39.51	-14.27	-16.22	-127.24	-90.24	-39.31	46.69	21.76	22.54	62.88	-71.12
MRPC1TOR25P5_COS		-753.79	-45.66	-22.86	-72.32	6.57	9.97	-12.87	23.23	-8.82	-2.41	12.13	3.26	-4.33	-2.52	-12.61	-7.51
MRPC1TOR25P5_SIN		0.00	134.58	-56.25	-6.22	-1.26	5.52	-6.23	-59.89	-4.81	5.09	-1.20	13.88	0.28	1.31	-0.22	-0.62
MRPLK1LOAD_COS		-84.07	1.60	0.52	-9.10	1.51	1.99	-1.35	4.75	-0.93	-0.41	1.99	-0.08	-0.63	-0.37	-2.28	-1.30
MRPLK1LOAD_SIN		0.00	-12.12	-3.28	-2.66	-0.62	1.05	-1.22	-7.66	-0.33	0.39	0.36	1.94	-0.20	-0.10	-1.00	0.20
PITCHRH_COS		9782.15	-8612.15	-404.84	-57.56	-41.51	-460.12	-107.49	-44.78	42.31	-70.39	56.81	-82.34	30.33	25.00	-17.56	-368.36
PITCHRH_SIN		0.00	2534.87	-637.58	70.76	-63.26	346.82	109.54	129.50	14.28	-97.96	-220.17	32.94	-6.10	82.56	-4.61	279.72
ROLLRH_COS		1234.56	-2188.00	707.20	-24.87	-114.88	-736.99	-185.78	-26.78	127.07	69.33	305.97	-62.00	-4.50	39.95	-16.48	-655.56
ROLLRH_SIN		0.00	-8196.28	-516.78	-13.85	144.48	231.58	-197.05	-31.62	22.11	-36.66	-51.38	-50.71	1.02	-56.04	-35.57	-351.83
TORQ_COS		31135.67	401.15	8.72	11.16	-70.26	58.04	-0.90	23.59	-22.03	-0.53	6.88	-0.37	1.68	-1.70	-4.71	1.11
TORQ_SIN		0.00	693.88	-21.77	8.18	-83.51	64.51	0.96	19.23	5.35	-10.08	0.33	4.28	-5.08	5.00	-9.37	-19.64
THRUST_COS		5819.22	-63.07	4.04	13.25	13.03	37.57	2.20	19.73	-1.32	-3.85	-21.25	2.16	-0.08	-1.54	1.40	16.72
THRUST_SIN		0.00	-51.44	8.89	3.37	32.91	-33.19	6.85	4.38	-0.54	2.84	24.99	-4.53	2.36	-1.59	-3.78	40.16

RUN	POINT	Harmonics															
49	100	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.50	34.57	-18.13	-3.88	-17.11	38.15	9.52	-1.18	-2.23	-3.04	-12.74	3.30	0.32	-1.27	0.04	19.02
SIDERH_SIN		0.00	160.52	12.95	4.00	-62.03	-63.94	12.47	-0.19	-0.35	2.36	2.19	3.06	-0.02	1.77	0.67	10.04
DRAGRH_COS		-190.11	223.67	10.91	-2.02	-10.83	46.54	-12.12	-1.21	-0.45	3.85	2.72	4.89	-1.82	-1.87	0.18	16.29
DRAGRH_SIN		0.00	-63.40	16.39	0.22	9.50	37.59	-24.79	2.44	3.64	4.74	12.05	-5.57	-0.18	-2.11	-0.56	-12.60

RUN	POINT	Harmonics															
49	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.37	0.02	-0.23	-3.33	-2.66	-0.63	0.00	0.71	0.22	0.01	0.04	0.22	0.26	0.08	0.18	-0.03
ACT1FORCE_SIN		0.00	10.50	1.74	0.81	0.28	-0.94	-0.51	-0.35	0.12	0.11	-0.15	0.08	0.07	-0.10	-0.02	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.06	-11.73	-1.66	31.67	24.41	6.47	1.14	0.07	0.03	0.00	0.01	0.02	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-80.07	-13.09	-7.16	-2.99	7.38	7.21	-0.07	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.68	11.80	1.70	-31.71	-24.47	-6.53	-1.18	-0.08	-0.04	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	80.22	13.14	7.22	3.05	-7.37	-7.24	0.06	-0.02	-0.01	0.02	0.00	0.00	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4051.33	-1589.96	-0.84	237.89	-37.61	-63.99	-36.10	-155.33	37.13	40.42	16.89	2.98	-5.22	-7.70	-42.60	-0.13
MRBLD1CB42P75_SIN		0.00	-263.77	-51.65	74.87	157.94	-4.90	13.79	32.04	-56.52	5.68	-92.00	47.72	13.20	7.90	25.92	-24.76

RUN	POINT	Harmonics															
49	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.73	-989.95	274.90	136.59	-2.97	-41.37	-49.35	-106.31	24.25	39.13	3.15	5.04	-3.16	-3.08	-30.53	-0.54
MRBLD1CB70_SIN		0.00	-144.92	-74.15	111.32	300.27	33.35	51.39	52.84	-32.49	9.53	-68.34	25.06	7.08	3.30	19.78	-25.66
MRBLD1CB120_COS		-547.47	-407.99	411.07	136.31	16.08	7.42	-34.15	-35.88	-36.12	-7.47	16.25	5.45	5.26	6.83	-0.20	2.88
MRBLD1CB120_SIN		0.00	46.06	-153.22	29.24	274.13	51.40	61.27	45.54	0.39	-16.61	57.20	-16.56	1.18	0.86	-4.40	-8.96
MRBLD1CB164_COS		-1960.46	-127.18	134.39	29.38	-32.44	8.51	4.82	38.05	-34.71	-15.51	14.01	4.35	7.21	4.96	19.44	-3.97
MRBLD1CB164_SIN		0.00	65.06	-54.13	24.34	110.77	31.14	17.43	1.86	2.21	-30.52	56.80	-6.68	5.55	1.46	-8.76	20.25
MRBLD1FB42P75_COS		3145.11	254.22	-414.29	531.00	-124.00	-77.51	-84.06	-308.47	-106.76	-41.85	62.24	55.04	31.64	19.41	-11.65	-63.00
MRBLD1FB42P75_SIN		0.00	49.75	2.67	145.26	69.79	69.59	15.32	157.67	-91.70	-93.00	-93.43	29.58	8.80	14.10	96.55	-43.01
MRBLD1FB70_COS		419.83	1.60	-193.06	150.45	-48.03	-17.31	-7.77	-43.99	-2.64	3.67	-0.85	-0.81	-2.36	-3.60	3.80	14.92
MRBLD1FB70_SIN		0.00	-204.92	20.78	42.01	12.41	4.79	5.57	35.47	-7.16	1.60	2.21	2.70	2.68	-1.20	-20.52	8.97
MRBLD1FB87_COS		-79.38	28.77	-159.11	46.11	-49.39	-22.92	-4.26	29.35	16.48	10.84	-6.36	-10.19	-4.28	-3.27	-0.27	8.48
MRBLD1FB87_SIN		0.00	-201.70	45.52	62.18	10.42	1.01	-3.00	-15.47	8.62	12.10	22.10	-6.93	-0.81	-0.79	-18.90	7.97
MRBLD1FB120_COS		-483.11	26.33	-240.31	8.51	-20.80	-0.07	11.48	63.41	4.33	-9.57	-6.23	1.81	3.98	4.19	-2.54	-13.88
MRBLD1FB120_SIN		0.00	-245.93	89.06	134.21	35.85	0.62	-17.17	-53.59	11.50	-1.47	-10.99	0.48	-5.01	-1.86	26.91	-13.23
MRBLD1FB164_COS		-169.91	60.86	-348.35	66.29	138.79	63.15	5.62	-95.11	-7.50	11.39	3.45	-3.15	-2.41	-0.79	3.22	5.55
MRBLD1FB164_SIN		0.00	-298.63	94.62	157.87	38.87	-20.50	16.42	63.55	-20.08	1.53	19.15	-3.55	-0.55	1.33	-11.74	7.31

RUN	POINT	Harmonics															
49	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.44	5.74	-199.65	27.30	108.02	46.00	-19.68	-91.20	16.00	20.41	-21.67	-16.48	9.93	11.85	-4.28	-17.68
MRBLD1FB180_SIN		0.00	-206.14	60.98	74.59	22.47	-11.58	18.66	68.51	-20.57	-4.77	41.03	-5.88	-1.98	-6.18	28.26	-15.87
MRBLD1TOR51_COS		-1407.65	68.18	-24.26	77.19	-13.27	-20.88	2.82	-36.38	7.07	5.66	-7.22	-1.17	2.75	1.99	-5.54	2.17
MRBLD1TOR51_SIN		0.00	-78.13	8.10	33.32	7.10	-0.54	6.28	56.67	-1.21	-6.05	-2.40	-4.51	1.43	1.19	3.49	-8.65
MRBLD1TOR71_COS		-257.80	86.54	-30.80	54.55	-3.06	-10.98	8.54	-18.16	6.05	2.45	-8.93	-1.74	2.23	3.17	-3.42	0.85
MRBLD1TOR71_SIN		0.00	-76.44	3.34	13.55	-3.96	-0.76	9.03	53.79	6.90	-1.33	2.24	-4.53	0.01	0.13	1.05	-4.70
MRBLD1TOR130_COS		-27.16	74.95	-8.85	31.25	11.42	-7.45	7.07	-18.15	4.28	2.98	4.47	-0.91	0.04	-0.02	-2.33	-3.24
MRBLD1TOR130_SIN		0.00	-61.85	-0.55	1.77	0.30	3.54	9.51	41.62	2.57	-0.81	4.22	8.94	3.08	0.52	-1.59	4.25
MRBLD1TOR164_COS		-219.31	39.26	48.74	4.65	-5.97	-15.18	-2.58	-1.72	5.59	3.88	0.32	-0.20	1.61	3.03	-4.01	-2.81
MRBLD1TOR164_SIN		0.00	-23.29	-7.39	-25.04	-8.26	3.90	8.10	22.87	3.80	-0.23	5.33	5.96	2.83	0.53	0.18	-1.40
MRFBM1CB26P5_COS		-4777.14	-661.53	-39.51	83.08	-2.23	-8.19	2.74	-16.67	1.14	-0.47	5.42	0.55	0.41	-0.20	-5.15	0.05
MRFBM1CB26P5_SIN		0.00	-197.04	1.61	-19.07	-22.16	-12.90	-11.75	-4.89	-9.80	-3.44	-2.48	3.35	1.24	1.26	1.54	-3.60
MRFBM1FB9_COS		327.11	7.68	163.20	-101.52	21.34	12.96	6.13	18.13	-1.41	-2.50	-4.22	0.39	0.19	0.60	2.74	-1.60
MRFBM1FB9_SIN		0.00	23.02	27.49	-91.39	-10.68	-1.52	4.60	4.65	6.01	1.86	1.08	-2.08	-1.22	-0.45	0.07	1.85
MRFBM1TOR26P5_COS		-352.04	84.58	-0.68	0.40	-0.40	0.04	0.01	-0.14	0.16	0.02	-0.13	0.04	0.05	-0.03	0.19	0.07
MRFBM1TOR26P5_SIN		0.00	-100.87	0.25	0.15	0.02	-0.27	0.28	0.24	0.24	0.06	-0.02	-0.19	0.02	0.08	0.02	0.01

RUN	POINT	Harmonics															
49	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1093.55	-1460.88	-77.42	263.17	-42.49	-52.56	-23.14	-137.60	15.36	23.30	24.42	5.88	0.62	-3.41	-38.91	0.38
MRPC1CB33P25_SIN		0.00	-203.99	-25.34	20.40	66.24	-9.42	-2.73	16.14	-58.76	-13.55	-56.55	37.07	11.82	8.82	23.06	-27.64
MRPC1FB33P25_COS		2302.82	177.90	-356.67	406.94	-121.55	-84.03	-71.65	-301.36	-36.40	19.51	98.40	20.72	15.35	0.82	-93.51	1.65
MRPC1FB33P25_SIN		0.00	211.25	-70.25	218.23	38.82	36.62	-20.44	-2.67	-118.90	-89.43	-34.61	55.65	27.44	24.94	48.46	-81.04
MRPC1TOR25P5_COS		-754.28	-44.49	-22.12	-73.04	6.70	9.59	-11.15	23.31	-9.24	-2.33	13.53	1.89	-4.41	-1.98	-11.40	-7.32
MRPC1TOR25P5_SIN		0.00	134.58	-55.99	-7.19	0.81	6.74	-6.29	-64.11	-6.43	4.26	-1.12	14.86	-0.46	0.92	-1.44	0.76
MRPLK1LOAD_COS		-84.15	1.64	0.69	-9.26	1.47	1.96	-1.09	4.79	-1.03	-0.40	2.11	-0.32	-0.61	-0.28	-1.88	-1.34
MRPLK1LOAD_SIN		0.00	-12.13	-3.26	-2.79	-0.34	1.10	-1.16	-8.25	-0.58	0.29	0.41	2.07	-0.30	-0.26	-1.21	0.57
PITCHRH_COS		9569.87	-8618.48	-394.65	-44.78	-30.35	-482.88	-59.41	-51.35	22.74	-61.68	65.94	-70.95	1.85	-16.30	-9.76	-387.53
PITCHRH_SIN		0.00	2527.55	-642.75	64.03	-84.54	267.77	90.11	109.90	14.43	-85.20	-232.87	31.21	1.15	66.24	-0.80	252.46
ROLLRH_COS		1235.80	-2152.72	718.45	-29.35	-102.56	-661.40	-125.74	-58.49	128.64	84.75	323.84	-50.95	-26.26	33.06	-34.68	-608.94
ROLLRH_SIN		0.00	-8190.93	-526.11	-31.79	121.41	170.41	-182.29	-23.37	2.61	-52.59	-32.86	-47.20	3.98	-23.10	-47.28	-418.63
TORQ_COS		31172.82	409.87	9.53	11.63	-67.77	65.20	-0.48	21.96	-21.46	-0.60	4.85	0.55	6.03	-2.43	-3.57	5.34
TORQ_SIN		0.00	695.00	-20.92	9.32	-102.03	59.46	5.31	22.13	7.36	-8.47	4.69	4.85	-6.11	6.62	-7.38	-20.48
THRUST_COS		5825.64	-62.22	5.05	12.30	11.57	35.24	1.07	19.38	-1.08	-4.29	-24.14	1.90	2.17	-0.22	3.44	11.53
THRUST_SIN		0.00	-51.06	9.25	4.02	35.40	-32.62	5.14	5.25	-0.13	2.91	28.54	-4.62	1.81	-0.85	-5.70	41.21

RUN	POINT	Harmonics															
49	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.75	29.50	-18.48	-4.09	-15.47	34.77	9.96	-0.65	-2.23	-3.90	-13.46	2.90	1.12	-0.99	0.56	17.84
SIDERH_SIN		0.00	160.47	13.42	2.85	-60.65	-57.37	7.79	0.19	0.56	3.32	1.29	2.95	-0.13	0.84	1.17	12.02
DRAGRH_COS		-191.59	223.54	9.81	-1.86	-10.89	44.28	-17.11	-1.24	1.18	1.71	1.63	4.10	-1.13	0.21	-0.05	17.58
DRAGRH_SIN		0.00	-62.38	16.38	0.23	6.97	30.41	-24.08	1.11	2.72	4.80	12.53	-4.88	0.01	-3.24	-1.05	-11.70

RUN	POINT	Harmonics															
49	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.40	0.19	0.00	-3.31	-2.53	-0.84	0.02	0.72	0.26	0.04	-0.01	0.19	0.22	0.07	0.17	-0.06
ACT1FORCE_SIN		0.00	10.33	1.75	0.86	0.33	-0.82	-0.65	-0.33	0.09	0.12	-0.16	0.08	0.04	-0.09	-0.01	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.59	-13.01	-4.89	31.74	24.27	7.60	0.55	0.06	0.04	0.00	0.02	0.02	0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-79.11	-12.98	-7.31	-3.21	6.88	8.32	-0.08	-0.01	0.00	-0.03	0.00	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.13	13.12	4.95	-31.76	-24.33	-7.67	-0.61	-0.08	-0.04	0.00	-0.02	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	79.25	13.03	7.41	3.31	-6.86	-8.35	0.06	-0.01	-0.01	0.01	0.00	-0.01	-0.02	0.00	0.02
MRBLD1CB42P75_COS		-4074.70	-1463.25	-12.68	233.71	-38.57	-57.58	-42.99	-145.58	34.12	36.49	48.12	-7.29	-8.89	-6.63	-30.82	-9.28
MRBLD1CB42P75_SIN		0.00	-174.58	-44.88	52.35	153.37	-15.16	17.42	21.41	-54.17	6.94	-102.31	55.26	16.32	7.16	32.59	-20.54

RUN	POINT	Harmonics															
49	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2737.21	-909.24	264.23	134.51	-12.30	-32.44	-56.43	-95.22	25.65	36.90	25.53	0.05	-3.24	0.79	-19.98	-6.44
MRBLD1CB70_SIN		0.00	-89.17	-66.89	90.07	288.73	23.84	63.94	47.75	-31.42	10.20	-78.07	28.95	10.76	2.75	21.52	-21.92
MRBLD1CB120_COS		-557.96	-376.97	402.36	135.30	0.08	13.81	-41.54	-26.64	-26.87	-2.84	-1.74	9.95	7.12	7.04	-0.18	1.90
MRBLD1CB120_SIN		0.00	71.21	-147.72	8.64	269.09	46.10	79.68	46.85	-2.05	-17.46	65.32	-20.65	0.39	1.33	-3.72	-9.14
MRBLD1CB164_COS		-1962.88	-121.06	133.57	28.54	-39.55	10.84	3.32	38.49	-28.55	-9.95	-4.94	7.54	7.96	3.41	13.44	-0.05
MRBLD1CB164_SIN		0.00	73.64	-53.29	14.82	110.10	29.55	24.33	5.31	0.63	-30.12	64.99	-8.59	3.39	0.69	-11.23	18.31
MRBLD1FB42P75_COS		3153.49	216.45	-416.91	503.01	-120.25	-89.21	-92.31	-293.23	-97.35	-33.54	78.25	54.60	31.35	23.59	19.50	-67.18
MRBLD1FB42P75_SIN		0.00	40.11	-2.25	110.15	107.32	69.04	24.75	130.50	-101.22	-95.93	-93.11	38.94	9.38	11.23	86.35	-20.44
MRBLD1FB70_COS		422.68	0.85	-194.16	141.25	-47.50	-19.54	-9.44	-41.46	-2.14	3.35	-0.72	-1.20	-2.97	-4.77	-2.41	15.75
MRBLD1FB70_SIN		0.00	-200.43	18.70	29.15	21.70	3.72	8.37	31.01	-7.81	1.74	1.35	2.82	2.77	-0.77	-19.04	4.00
MRBLD1FB87_COS		-76.61	27.34	-160.13	39.68	-49.85	-24.31	-4.35	27.67	14.76	8.66	-11.27	-10.58	-4.89	-4.69	-7.59	8.85
MRBLD1FB87_SIN		0.00	-198.23	44.08	55.69	13.49	0.96	-3.22	-12.51	10.56	13.74	24.34	-8.46	-0.38	0.70	-15.91	3.93
MRBLD1FB120_COS		-479.76	26.50	-237.54	2.12	-18.23	-0.27	12.98	60.66	4.71	-8.09	-3.65	3.25	5.80	6.85	7.93	-15.01
MRBLD1FB120_SIN		0.00	-245.84	88.63	131.18	32.70	3.58	-22.11	-47.72	11.00	-2.72	-12.64	0.01	-6.05	-3.70	23.63	-6.33
MRBLD1FB164_COS		-165.94	60.68	-347.25	56.68	142.87	66.66	5.50	-90.18	-8.25	9.94	0.32	-2.65	-2.54	-1.46	-1.67	6.70
MRBLD1FB164_SIN		0.00	-307.50	95.92	157.61	28.71	-13.01	19.56	58.40	-21.81	2.59	20.27	-4.80	-0.74	1.25	-11.06	3.23

RUN	POINT	Harmonics															
49	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.29	6.80	-199.12	23.79	110.55	50.02	-20.11	-85.69	15.21	17.90	-28.82	-12.05	13.39	15.16	6.97	-19.51
MRBLD1FB180_SIN		0.00	-212.73	62.52	74.90	16.63	-9.18	23.26	61.88	-20.68	-3.86	44.07	-12.55	-6.14	-10.30	24.01	-7.85
MRBLD1TOR51_COS		-1407.82	69.65	-25.24	75.25	-13.38	-19.55	3.20	-33.36	8.05	5.65	-8.48	-0.34	3.99	3.93	-1.87	0.37
MRBLD1TOR51_SIN		0.00	-76.06	8.67	26.59	10.26	0.33	7.54	50.83	-1.92	-5.54	-2.61	-5.45	0.79	1.07	5.75	-6.86
MRBLD1TOR71_COS		-257.11	86.25	-31.74	53.69	-2.79	-9.61	9.43	-16.68	6.66	2.49	-11.03	-0.64	3.38	4.53	-1.75	-0.35
MRBLD1TOR71_SIN		0.00	-75.03	3.61	9.01	-1.77	0.71	9.98	49.30	6.36	-0.93	2.28	-5.48	-0.41	0.45	2.60	-3.82
MRBLD1TOR130_COS		-26.74	75.51	-9.88	31.21	11.54	-5.27	7.59	-17.17	4.93	3.33	4.26	-1.96	-0.55	-0.88	-4.15	-2.72
MRBLD1TOR130_SIN		0.00	-60.86	0.13	-0.35	0.12	4.61	10.87	37.67	1.89	-0.52	4.82	8.88	3.06	0.55	-2.71	3.13
MRBLD1TOR164_COS		-219.43	40.08	48.25	5.74	-6.97	-13.85	-2.20	-1.39	5.49	4.09	-0.08	0.48	2.00	3.03	-4.01	-3.33
MRBLD1TOR164_SIN		0.00	-21.73	-6.89	-24.83	-7.76	2.94	8.96	21.40	3.87	-0.31	5.14	5.59	3.25	0.86	0.06	-2.07
MRFBM1CB26P5_COS		-4789.92	-601.64	-44.24	82.89	1.24	-7.32	2.50	-16.75	0.22	-0.40	6.25	-0.10	0.05	-0.46	-4.10	-1.35
MRFBM1CB26P5_SIN		0.00	-149.71	1.51	-21.86	-21.50	-14.19	-13.75	-7.02	-9.60	-3.38	-1.80	4.01	0.86	1.64	3.51	-3.25
MRFBM1FB9_COS		327.68	-42.77	167.74	-97.54	23.24	14.04	7.33	16.53	-1.88	-2.51	-5.07	0.89	0.35	0.54	2.36	-0.83
MRFBM1FB9_SIN		0.00	16.79	29.05	-79.63	-14.33	-0.91	4.60	5.18	5.98	1.79	0.69	-2.22	-1.23	-0.46	-0.78	2.01
MRFBM1TOR26P5_COS		-352.12	84.15	-0.69	0.38	-0.40	0.04	0.03	-0.12	0.16	0.00	-0.15	0.06	0.05	-0.02	0.24	0.09
MRFBM1TOR26P5_SIN		0.00	-101.37	0.22	0.05	0.04	-0.27	0.28	0.23	0.22	0.06	-0.04	-0.20	0.01	0.06	0.02	0.04

RUN	POINT	Harmonics															
49	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1107.83	-1348.97	-88.48	258.73	-39.54	-50.68	-29.03	-130.58	14.38	22.53	43.43	-1.24	-1.94	-2.88	-27.24	-9.14
MRPC1CB33P25_SIN		0.00	-130.31	-18.85	2.21	68.94	-17.47	-2.32	6.03	-57.49	-12.44	-61.14	42.95	13.76	8.83	30.66	-23.03
MRPC1FB33P25_COS		2309.95	143.46	-357.82	389.95	-127.82	-93.56	-81.51	-278.40	-24.65	27.07	111.03	14.11	14.09	5.17	-67.27	-21.23
MRPC1FB33P25_SIN		0.00	200.69	-76.17	185.36	69.69	32.13	-15.28	-18.77	-121.86	-87.20	-25.41	62.72	28.89	26.38	68.38	-71.93
MRPC1TOR25P5_COS		-754.58	-50.27	-18.90	-71.98	6.34	8.68	-12.06	21.64	-9.52	-1.88	17.62	-0.18	-5.97	-3.86	-14.45	-8.03
MRPC1TOR25P5_SIN		0.00	131.93	-59.38	-1.69	-2.57	4.68	-7.68	-58.66	-5.86	3.78	-1.12	17.03	0.42	1.32	-2.10	-1.49
MRPLK1LOAD_COS		-84.01	1.58	0.70	-8.96	1.41	1.78	-1.21	4.42	-1.08	-0.26	2.56	-0.59	-0.83	-0.55	-2.65	-1.40
MRPLK1LOAD_SIN		0.00	-12.08	-3.46	-2.04	-0.81	0.94	-1.39	-7.46	-0.45	0.20	0.51	2.28	-0.15	-0.06	-1.40	0.04
PITCHRH_COS		10408.98	-8620.22	-393.25	-47.43	-37.49	-403.90	-45.60	-81.77	64.31	-77.77	55.78	-94.04	12.70	-10.80	-18.14	-382.96
PITCHRH_SIN		0.00	2512.93	-649.77	66.95	-73.06	414.38	131.59	123.36	48.23	-112.91	-247.59	33.58	3.10	97.76	-0.33	265.12
ROLLRH_COS		1414.80	-2173.99	709.91	-34.88	-109.06	-857.04	-134.21	-49.55	95.25	95.69	316.09	-54.66	-20.29	23.63	-8.28	-670.26
ROLLRH_SIN		0.00	-8211.60	-531.21	-11.78	133.70	285.06	-129.27	-77.27	29.89	-74.76	-31.58	-53.88	-17.06	-20.77	-31.89	-376.19
TORQ_COS		30976.41	404.42	3.28	11.45	-77.75	51.63	-2.41	29.42	-14.34	0.91	3.30	0.05	2.18	0.47	-4.92	6.53
TORQ_SIN		0.00	702.39	-14.22	13.61	-85.96	72.68	2.94	27.09	6.70	-6.50	5.45	3.30	-5.89	6.91	-8.48	-20.02
THRUST_COS		5826.39	-63.01	4.79	14.53	15.17	38.02	2.52	23.58	-2.62	-4.11	-25.61	2.42	0.38	0.42	-1.13	14.55
THRUST_SIN		0.00	-51.30	9.53	2.56	35.26	-31.64	4.30	7.00	-2.45	4.20	29.52	-5.75	1.55	-3.15	-3.71	41.50

RUN	POINT	Harmonics															
49	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.02	33.95	-17.86	-3.87	-21.28	43.73	12.28	-1.20	-1.46	-4.35	-13.31	2.77	0.78	-0.83	-0.24	19.57
SIDERH_SIN		0.00	162.35	13.17	3.31	-63.05	-76.04	8.62	0.68	-1.31	4.35	1.12	3.29	0.56	0.59	0.49	10.76
DRAGRH_COS		-185.30	223.58	10.65	-2.24	-11.09	44.94	-14.81	-3.31	-2.94	3.23	2.42	5.88	-0.58	-0.74	0.36	16.89
DRAGRH_SIN		0.00	-63.08	16.62	-0.37	8.28	43.17	-26.06	3.09	4.21	6.09	13.01	-5.17	-0.52	-3.31	-0.66	-11.81

RUN	POINT	Harmonics															
49	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.03	0.12	-0.29	-3.23	-2.74	-0.72	-0.04	0.69	0.24	0.01	0.04	0.20	0.26	0.06	0.17	-0.01
ACT1FORCE_SIN		0.00	10.43	1.85	0.87	0.33	-0.86	-0.63	-0.35	0.07	0.10	-0.17	0.07	0.04	-0.11	-0.03	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.38	-12.72	-2.22	31.16	25.47	7.09	1.60	0.05	0.03	0.00	0.02	0.03	0.03	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-80.13	-13.79	-6.99	-3.44	7.06	8.40	-0.07	-0.02	-0.01	-0.04	0.00	0.02	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.35	12.80	2.26	-31.20	-25.54	-7.15	-1.64	-0.07	-0.03	0.00	-0.01	-0.03	-0.02	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	80.27	13.84	7.05	3.50	-7.05	-8.43	0.05	0.00	0.00	0.03	0.01	-0.01	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4056.91	-1484.27	19.03	241.81	-45.88	-68.60	-35.87	-134.35	31.67	40.27	25.03	3.11	-4.47	-4.78	-35.28	-10.25
MRBLD1CB42P75_SIN		0.00	-229.65	-48.37	65.77	160.56	-18.30	17.82	29.97	-51.16	2.67	-82.27	46.11	14.02	11.12	42.94	-26.60

RUN	POINT	Harmonics															
49	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2755.39	-925.49	290.24	142.97	-12.39	-42.72	-53.87	-86.88	23.87	39.92	10.23	6.57	-1.90	-0.55	-21.98	-8.38
MRBLD1CB70_SIN		0.00	-123.38	-69.55	104.17	298.31	3.02	62.59	52.28	-28.70	5.63	-63.76	24.67	9.08	5.75	32.91	-25.06
MRBLD1CB120_COS		-547.74	-386.39	421.05	139.08	4.27	6.50	-42.54	-22.57	-29.59	-7.42	10.10	5.11	5.45	6.82	-1.27	1.66
MRBLD1CB120_SIN		0.00	54.68	-150.36	18.29	272.93	15.73	70.51	42.01	-1.24	-15.22	51.81	-16.21	1.37	0.24	-3.64	-9.43
MRBLD1CB164_COS		-1960.81	-122.78	137.17	30.19	-38.53	10.33	-0.71	36.50	-29.93	-16.92	6.46	3.24	7.12	4.31	14.86	0.52
MRBLD1CB164_SIN		0.00	68.46	-53.48	19.95	112.14	16.81	19.90	1.37	0.65	-26.05	53.71	-6.42	4.78	0.13	-16.76	21.47
MRBLD1FB42P75_COS		3142.84	227.92	-405.81	529.89	-132.45	-86.25	-73.79	-263.48	-103.20	-34.36	68.62	56.19	37.29	32.50	27.35	-79.10
MRBLD1FB42P75_SIN		0.00	47.61	-4.53	115.86	96.99	81.99	16.98	132.69	-84.54	-80.92	-78.15	31.75	8.45	14.64	110.04	-24.52
MRBLD1FB70_COS		418.68	1.82	-190.29	150.22	-53.28	-21.54	-6.90	-36.89	-3.06	3.20	-1.32	-1.72	-3.70	-6.50	-4.20	17.79
MRBLD1FB70_SIN		0.00	-203.51	18.78	32.47	20.12	5.95	5.54	30.33	-6.56	1.80	2.10	2.53	2.71	-1.39	-23.56	5.00
MRBLD1FB87_COS		-80.30	27.84	-159.23	46.33	-52.72	-24.46	-5.93	24.45	15.08	8.70	-8.64	-10.61	-5.63	-5.99	-8.57	11.95
MRBLD1FB87_SIN		0.00	-200.69	44.53	58.15	14.22	2.33	-2.67	-13.10	7.50	9.90	18.76	-7.31	-0.82	-0.75	-21.30	4.60
MRBLD1FB120_COS		-482.17	27.05	-241.14	10.96	-20.10	3.10	10.10	54.26	5.10	-8.44	-4.54	3.16	5.85	7.98	9.23	-19.50
MRBLD1FB120_SIN		0.00	-245.91	88.75	133.78	35.16	1.83	-17.61	-45.42	11.02	-0.51	-9.11	1.40	-4.69	-1.38	31.55	-7.52
MRBLD1FB164_COS		-168.46	61.75	-345.22	66.51	146.45	67.43	5.66	-80.96	-9.71	10.10	2.42	-2.58	-2.61	-1.65	-1.75	9.77
MRBLD1FB164_SIN		0.00	-303.24	92.08	158.29	27.55	-23.08	14.00	53.17	-19.83	0.15	16.13	-4.54	-0.55	1.15	-14.71	4.16

RUN	POINT	Harmonics															
49	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.64	5.03	-197.28	26.53	113.77	47.42	-18.82	-77.66	14.31	17.03	-23.02	-11.69	13.40	16.15	8.90	-24.62
MRBLD1FB180_SIN		0.00	-208.99	59.96	75.41	15.29	-13.67	17.37	59.18	-20.16	-7.92	36.51	-5.79	-2.34	-6.38	34.77	-7.47
MRBLD1TOR51_COS		-1408.31	69.30	-20.63	77.16	-11.99	-19.91	5.74	-28.13	7.17	5.44	-7.22	-0.89	3.33	2.81	-4.19	-1.57
MRBLD1TOR51_SIN		0.00	-77.56	8.10	30.16	9.32	1.63	7.53	49.59	-2.22	-6.68	-2.75	-3.97	1.77	2.39	8.01	-8.11
MRBLD1TOR71_COS		-258.01	86.47	-28.47	54.18	-1.44	-9.71	11.16	-12.76	6.47	2.38	-8.89	-1.16	2.64	3.55	-3.17	-1.29
MRBLD1TOR71_SIN		0.00	-76.13	3.65	11.68	-2.64	1.57	9.72	47.34	5.63	-2.24	1.33	-4.22	0.17	0.95	3.76	-4.54
MRBLD1TOR130_COS		-27.29	75.15	-7.45	30.68	13.54	-5.64	9.14	-13.39	4.29	2.85	4.05	-0.43	0.28	0.01	-3.09	-1.53
MRBLD1TOR130_SIN		0.00	-61.70	0.01	0.99	0.11	4.86	10.24	36.29	1.80	-1.03	4.60	8.22	2.63	0.36	-2.64	3.89
MRBLD1TOR164_COS		-219.40	39.33	48.33	3.97	-6.84	-15.03	-1.44	-0.26	5.64	3.69	0.28	0.50	1.87	3.29	-4.27	-2.38
MRBLD1TOR164_SIN		0.00	-22.90	-6.48	-25.11	-7.57	4.54	8.99	20.93	3.43	-0.73	4.95	5.79	2.87	0.85	1.16	-1.97
MRFBM1CB26P5_COS		-4781.93	-607.23	-31.65	82.10	-1.13	-8.61	4.55	-15.61	0.02	-0.46	5.22	0.40	0.64	0.33	-5.17	-1.10
MRFBM1CB26P5_SIN		0.00	-174.36	1.52	-20.90	-20.51	-10.01	-13.25	-5.35	-9.00	-2.78	-1.03	3.57	1.24	2.13	3.76	-3.97
MRFBM1FB9_COS		322.66	-31.99	153.34	-103.00	23.91	14.57	6.03	15.44	-1.28	-2.34	-3.95	0.54	0.17	0.63	3.02	-1.08
MRFBM1FB9_SIN		0.00	29.95	29.62	-85.62	-13.45	-1.17	4.40	4.07	5.68	1.57	0.47	-2.14	-1.35	-0.77	-1.15	2.33
MRFBM1TOR26P5_COS		-352.08	83.87	-0.72	0.38	-0.37	0.05	0.03	-0.10	0.16	0.02	-0.13	0.01	0.04	-0.02	0.24	0.04
MRFBM1TOR26P5_SIN		0.00	-101.32	0.20	0.13	0.00	-0.28	0.28	0.18	0.22	0.05	-0.05	-0.17	0.03	0.06	0.02	0.03

RUN	POINT	Harmonics															
49	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1098.75	-1368.80	-58.82	265.08	-46.77	-56.60	-21.02	-119.87	11.38	23.07	28.73	5.57	1.76	-0.32	-32.41	-10.12
MRPC1CB33P25_SIN		0.00	-180.49	-24.60	11.33	71.70	-12.74	-2.66	13.32	-53.73	-13.11	-48.47	36.45	12.94	12.39	39.93	-28.94
MRPC1FB33P25_COS		2301.01	154.45	-348.84	411.21	-134.82	-94.67	-64.65	-256.55	-37.23	18.84	94.62	20.26	19.24	8.80	-81.62	-24.07
MRPC1FB33P25_SIN		0.00	208.31	-75.71	193.55	59.06	42.63	-14.92	-3.99	-111.67	-77.09	-20.22	58.00	31.59	35.61	90.12	-84.60
MRPC1TOR25P5_COS		-753.68	-47.35	-24.85	-72.28	4.39	9.02	-13.62	16.88	-9.29	-1.83	14.26	2.36	-4.34	-1.75	-13.19	-5.13
MRPC1TOR25P5_SIN		0.00	133.89	-57.88	-5.51	-1.65	2.72	-7.51	-56.56	-5.01	4.75	0.26	13.68	-0.96	0.53	-1.76	-1.19
MRPLK1LOAD_COS		-84.05	1.73	0.24	-9.16	1.26	1.88	-1.43	3.77	-1.03	-0.36	2.20	-0.17	-0.62	-0.30	-2.40	-0.78
MRPLK1LOAD_SIN		0.00	-12.21	-3.19	-2.48	-0.70	0.71	-1.38	-7.15	-0.40	0.33	0.62	1.85	-0.45	-0.23	-1.36	0.23
PITCHRH_COS		10230.98	-8614.55	-408.03	-52.89	-20.72	-477.61	-119.19	-73.43	67.50	-72.24	51.45	-67.42	21.84	-12.62	-24.14	-365.82
PITCHRH_SIN		0.00	2537.95	-648.21	64.77	-80.32	413.09	78.34	110.81	45.73	-97.34	-188.18	30.87	-12.86	125.42	-0.29	264.74
ROLLRH_COS		1140.09	-2173.63	716.49	-23.33	-104.56	-821.22	-188.30	-35.86	111.46	110.86	297.20	-56.41	3.21	86.46	-44.04	-630.26
ROLLRH_SIN		0.00	-8224.02	-516.38	-14.63	107.93	109.02	-202.30	-15.02	48.94	-57.38	-39.57	-49.35	-9.65	-19.90	-7.32	-396.39
TORQ_COS		31043.75	418.76	3.98	12.51	-51.77	67.05	-1.26	24.34	-18.37	0.13	2.14	0.01	0.99	-1.25	-3.01	4.89
TORQ_SIN		0.00	675.54	-18.75	8.53	-98.21	65.30	3.91	25.15	7.55	-6.72	1.01	4.20	-5.25	5.08	-9.82	-17.08
THRUST_COS		5811.94	-62.78	5.12	12.52	9.97	40.26	2.78	21.61	-3.14	-3.80	-23.71	1.09	-0.86	-0.72	0.53	14.67
THRUST_SIN		0.00	-48.59	9.15	1.31	35.16	-34.71	7.05	7.07	-2.64	2.59	22.82	-4.53	2.00	-3.43	-7.39	38.92

RUN	POINT	Harmonics															
49	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.09	29.31	-18.73	-3.57	-14.11	49.11	10.14	-0.62	-2.04	-5.12	-12.34	3.09	0.08	-2.76	0.94	18.50
SIDERH_SIN		0.00	165.61	13.42	4.64	-56.98	-65.34	12.18	-0.44	-1.50	3.53	1.80	2.89	0.32	0.55	-0.18	11.32
DRAGRH_COS		-186.51	224.66	11.17	-2.43	-9.35	39.46	-12.46	-2.94	-2.24	1.60	3.42	4.36	-0.54	-0.89	0.10	15.85
DRAGRH_SIN		0.00	-62.45	16.28	0.08	6.48	41.75	-24.38	0.32	3.70	5.36	10.23	-4.97	-0.08	-5.04	-0.98	-11.99

RUN	POINT	Harmonics															
49	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.96	0.10	-0.14	-3.24	-2.66	-0.63	0.02	0.74	0.28	-0.01	-0.01	0.23	0.25	0.09	0.19	-0.01
ACT1FORCE_SIN		0.00	10.44	1.74	0.77	0.27	-0.89	-0.61	-0.28	0.13	0.10	-0.16	0.07	0.06	-0.12	-0.01	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.26	-12.71	-3.57	31.21	24.94	6.37	0.24	0.06	0.03	0.00	0.01	0.02	0.01	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-80.16	-12.60	-5.86	-2.79	7.11	8.34	-0.06	0.00	0.00	-0.03	0.00	0.01	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.47	12.82	3.63	-31.24	-25.00	-6.43	-0.30	-0.07	-0.03	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	80.31	12.65	5.95	2.88	-7.09	-8.37	0.04	-0.02	-0.01	0.03	0.01	-0.01	-0.01	-0.01	0.01
MRBLD1CB42P75_COS		-4053.96	-1542.59	0.79	232.60	-42.56	-65.19	-35.64	-144.08	35.14	40.09	3.48	15.94	-1.50	-2.07	-33.99	-3.05
MRBLD1CB42P75_SIN		0.00	-256.42	-45.45	66.22	166.17	-10.10	17.28	4.71	-52.26	7.04	-87.43	40.63	15.97	10.16	40.93	-25.91

RUN	POINT	Harmonics															
49	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2754.71	-960.24	276.44	133.50	-15.60	-35.68	-51.94	-98.70	24.36	40.22	-7.40	13.08	-1.34	-1.77	-22.55	-4.31
MRBLD1CB70_SIN		0.00	-139.97	-67.28	101.56	308.85	19.27	60.45	33.04	-31.42	9.89	-66.75	20.17	9.33	2.45	30.85	-27.37
MRBLD1CB120_COS		-550.60	-398.25	411.69	132.41	1.62	15.40	-41.24	-33.73	-32.39	-8.77	24.18	-0.59	4.97	5.47	-2.51	1.83
MRBLD1CB120_SIN		0.00	50.29	-150.32	18.19	284.68	34.21	68.66	34.97	-6.76	-17.81	55.06	-11.39	0.97	0.51	-4.25	-9.52
MRBLD1CB164_COS		-1960.44	-124.69	134.79	27.61	-37.73	13.22	0.04	34.82	-32.56	-18.10	22.51	-1.39	6.95	4.74	15.80	-2.00
MRBLD1CB164_SIN		0.00	66.91	-53.71	20.29	116.39	23.55	20.69	7.20	-3.15	-31.14	58.05	-2.03	5.29	3.04	-15.37	22.50
MRBLD1FB42P75_COS		3144.04	240.17	-415.08	510.12	-117.54	-82.90	-81.69	-311.60	-109.71	-44.01	65.06	65.33	41.80	32.95	18.81	-70.94
MRBLD1FB42P75_SIN		0.00	51.22	-2.98	131.70	98.25	85.85	16.74	100.06	-90.90	-83.33	-85.67	23.53	7.43	13.66	108.97	-35.89
MRBLD1FB70_COS		419.91	0.96	-192.96	143.28	-47.20	-19.12	-7.84	-45.07	-3.12	3.30	-1.50	-1.77	-3.91	-6.33	-2.49	16.19
MRBLD1FB70_SIN		0.00	-203.91	18.73	36.70	20.32	7.54	5.32	24.38	-7.41	2.00	2.46	2.79	2.82	-1.16	-23.19	7.52
MRBLD1FB87_COS		-78.96	28.41	-159.09	42.22	-48.99	-23.29	-4.59	29.30	16.72	11.05	-6.55	-12.75	-6.59	-6.15	-6.89	10.23
MRBLD1FB87_SIN		0.00	-200.91	44.57	60.00	13.52	1.95	-3.12	-10.20	8.25	10.39	19.81	-5.05	-0.70	-0.53	-21.32	6.56
MRBLD1FB120_COS		-481.52	27.23	-239.78	6.23	-19.72	1.37	11.96	65.54	4.75	-9.72	-6.33	3.48	6.14	7.68	6.13	-17.49
MRBLD1FB120_SIN		0.00	-247.47	89.46	134.14	33.80	0.74	-16.82	-37.02	12.94	-0.76	-9.54	0.00	-4.48	-1.05	32.19	-9.69
MRBLD1FB164_COS		-169.91	60.12	-346.89	59.96	132.68	63.69	2.80	-95.51	-7.44	11.98	5.66	-3.54	-2.85	-1.61	-0.16	8.93
MRBLD1FB164_SIN		0.00	-302.55	95.58	156.73	28.45	-24.81	14.27	39.90	-23.72	0.73	16.80	-2.41	-0.43	1.22	-14.31	5.61

RUN	POINT	Harmonics															
49	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.01	5.37	-197.97	24.21	104.99	47.32	-21.02	-90.71	17.98	22.54	-17.34	-15.81	12.20	15.27	4.57	-23.35
MRBLD1FB180_SIN		0.00	-208.67	61.52	73.79	16.03	-15.06	16.78	46.21	-23.78	-7.42	36.93	-1.09	-0.85	-3.78	36.00	-10.43
MRBLD1TOR51_COS		-1408.18	68.46	-23.71	75.16	-12.48	-21.25	5.00	-37.72	7.43	6.08	-6.57	-1.66	3.05	1.98	-5.45	-0.26
MRBLD1TOR51_SIN		0.00	-77.91	8.05	31.61	10.10	0.75	4.67	44.11	-2.37	-6.31	-2.56	-3.67	1.91	2.61	6.60	-8.74
MRBLD1TOR71_COS		-257.76	86.30	-30.49	53.35	-2.11	-11.19	10.53	-20.35	6.60	3.09	-7.89	-2.61	2.26	2.97	-3.91	-0.88
MRBLD1TOR71_SIN		0.00	-76.16	3.20	12.73	-2.19	0.24	7.19	44.48	5.67	-1.92	1.78	-3.79	0.27	1.16	3.00	-5.10
MRBLD1TOR130_COS		-27.14	74.96	-8.87	30.88	12.10	-7.19	8.36	-19.55	4.20	2.87	4.27	0.02	0.30	0.47	-2.12	-2.26
MRBLD1TOR130_SIN		0.00	-61.83	-0.28	1.62	0.36	3.73	8.35	33.17	1.32	-1.28	4.17	8.77	3.00	0.19	-1.95	4.01
MRBLD1TOR164_COS		-219.44	39.29	48.54	5.21	-5.60	-15.26	-1.42	-2.90	5.47	4.19	0.42	0.22	1.94	3.40	-3.79	-2.66
MRBLD1TOR164_SIN		0.00	-22.86	-7.23	-24.59	-6.79	4.72	8.03	20.43	3.51	-0.71	5.01	6.09	3.13	0.61	1.57	-1.48
MRFBM1CB26P5_COS		-4777.98	-635.92	-39.22	82.11	0.53	-9.91	3.56	-15.44	0.80	-0.79	5.50	1.40	1.08	0.77	-5.28	-0.33
MRFBM1CB26P5_SIN		0.00	-189.13	2.57	-19.84	-21.71	-11.38	-13.09	-7.49	-8.81	-3.04	-1.56	3.59	1.68	2.54	3.13	-3.49
MRFBM1FB9_COS		324.47	-12.06	162.39	-97.42	22.38	14.01	6.24	16.01	-1.30	-2.19	-3.84	-0.05	0.16	0.54	2.92	-1.43
MRFBM1FB9_SIN		0.00	27.37	27.11	-86.63	-14.21	-2.26	4.68	7.01	6.15	1.72	1.06	-2.38	-1.52	-0.79	-1.00	2.04
MRFBM1TOR26P5_COS		-352.05	84.49	-0.68	0.39	-0.42	0.06	0.04	-0.15	0.17	0.02	-0.12	0.01	0.04	-0.04	0.21	0.05
MRFBM1TOR26P5_SIN		0.00	-100.88	0.22	0.12	-0.01	-0.28	0.25	0.15	0.23	0.05	-0.04	-0.19	0.02	0.07	-0.01	0.04

RUN	POINT	Harmonics															
49	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1095.28	-1421.64	-76.04	258.29	-41.87	-56.58	-23.14	-129.36	14.12	21.83	17.54	14.67	4.32	2.08	-32.53	-3.12
MRPC1CB33P25_SIN		0.00	-201.62	-20.91	13.81	73.60	-9.47	-2.29	-7.55	-54.87	-11.86	-51.93	33.38	14.47	11.98	37.42	-28.53
MRPC1FB33P25_COS		2301.38	164.44	-357.29	392.30	-123.86	-93.20	-70.53	-281.22	-39.89	12.74	94.68	32.50	22.57	9.61	-85.20	-9.42
MRPC1FB33P25_SIN		0.00	212.00	-75.19	203.35	64.15	47.47	-17.36	-48.03	-119.64	-83.57	-27.49	57.98	34.53	34.90	82.37	-83.81
MRPC1TOR25P5_COS		-753.71	-46.14	-22.77	-71.36	4.81	10.06	-13.32	26.13	-10.07	-2.45	11.69	4.70	-3.70	-0.35	-10.69	-5.60
MRPC1TOR25P5_SIN		0.00	134.57	-57.02	-6.37	-1.49	4.50	-3.96	-52.32	-5.19	4.84	-0.46	13.24	-0.08	-0.05	-0.31	-0.39
MRPLK1LOAD_COS		-84.07	1.68	0.56	-8.98	1.32	1.99	-1.42	5.11	-1.13	-0.46	1.93	0.02	-0.55	-0.08	-1.91	-1.01
MRPLK1LOAD_SIN		0.00	-12.05	-3.24	-2.68	-0.70	0.91	-0.93	-6.47	-0.39	0.29	0.52	1.91	-0.29	-0.35	-1.08	0.29
PITCHRH_COS		9882.84	-8619.22	-391.07	-44.50	-20.76	-414.41	-73.27	-90.86	68.49	-67.79	57.97	-80.65	28.29	13.16	-33.04	-387.59
PITCHRH_SIN		0.00	2519.19	-655.83	71.77	-70.84	372.41	78.94	121.38	27.92	-97.71	-222.04	41.06	-10.54	117.17	4.87	277.06
ROLLRH_COS		1177.16	-2151.89	734.76	-14.06	-91.07	-812.57	-127.15	-78.71	132.55	106.24	319.48	-59.37	14.34	94.51	-42.75	-660.87
ROLLRH_SIN		0.00	-8234.23	-514.38	-24.55	123.87	204.05	-208.91	-40.47	47.36	-53.63	-49.03	-44.21	-6.79	-17.96	-6.66	-402.40
TORQ_COS		31160.23	406.74	8.12	11.22	-69.05	66.70	-2.46	21.27	-19.99	0.85	2.76	-0.03	4.23	-4.62	-2.09	1.26
TORQ_SIN		0.00	683.74	-19.99	10.36	-105.06	64.29	6.39	30.09	3.35	-7.55	1.45	3.37	-5.65	5.40	-10.09	-18.93
THRUST_COS		5816.22	-64.00	4.24	12.41	11.41	37.68	2.44	22.16	-2.69	-4.71	-25.57	1.60	-0.93	-2.80	1.33	12.23
THRUST_SIN		0.00	-50.71	9.44	4.08	36.50	-35.99	6.14	11.47	-1.25	2.27	25.33	-4.99	1.70	-2.67	-8.19	41.07

RUN	POINT	Harmonics															
49	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.76	30.13	-19.02	-3.62	-19.09	43.97	9.83	-0.06	-2.64	-5.04	-13.32	3.29	-0.27	-2.98	0.83	19.28
SIDERH_SIN		0.00	167.29	12.87	4.00	-60.90	-68.00	9.61	0.31	-0.78	3.48	2.09	2.82	0.31	0.68	-0.13	11.57
DRAGRH_COS		-188.97	224.63	10.32	-2.30	-10.66	43.90	-16.62	-1.91	-1.67	2.08	1.88	4.30	-1.82	-1.66	0.80	17.02
DRAGRH_SIN		0.00	-62.15	16.03	0.72	7.59	50.16	-21.75	0.10	4.08	5.17	11.85	-5.64	0.90	-4.24	-1.09	-12.75

RUN	POINT	Harmonics															
49	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.81	0.12	-0.32	-3.25	-2.71	-0.68	0.04	0.71	0.27	0.00	0.01	0.23	0.25	0.08	0.16	-0.03
ACT1FORCE_SIN		0.00	10.40	1.82	0.89	0.30	-0.88	-0.61	-0.38	0.13	0.11	-0.12	0.06	0.04	-0.10	-0.03	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.86	-13.03	-3.03	31.99	25.23	6.13	1.00	0.04	0.00	-0.01	0.02	0.03	0.03	0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-80.60	-12.88	-6.35	-3.67	6.82	8.75	-0.07	-0.02	-0.03	-0.05	-0.02	0.02	0.01	0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.87	13.14	3.09	-32.02	-25.29	-6.20	-1.06	-0.05	-0.01	0.02	-0.01	-0.02	-0.02	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	80.74	12.93	6.45	3.77	-6.80	-8.78	0.05	0.00	0.02	0.05	0.02	-0.01	0.00	-0.01	0.01
MRBLD1CB42P75_COS		-4054.88	-1517.97	22.67	241.18	-41.48	-61.16	-39.35	-147.37	28.84	40.94	3.38	9.53	-2.06	-4.37	-37.93	-4.29
MRBLD1CB42P75_SIN		0.00	-242.72	-51.26	67.36	144.27	-14.68	20.61	31.01	-56.36	3.76	-85.43	35.10	12.48	7.09	33.63	-25.72

RUN	POINT	Harmonics															
49	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.21	-947.47	287.48	140.81	-5.08	-26.47	-58.34	-97.89	20.66	39.74	-6.78	8.86	-1.35	-0.35	-27.47	-3.62
MRBLD1CB70_SIN		0.00	-139.06	-68.54	104.51	274.47	16.88	61.52	53.93	-33.28	5.27	-65.12	16.88	8.08	1.88	24.39	-25.68
MRBLD1CB120_COS		-545.90	-395.28	416.46	138.21	7.51	24.67	-46.16	-29.33	-32.17	-9.15	21.96	1.76	3.94	5.58	-1.14	2.11
MRBLD1CB120_SIN		0.00	40.56	-147.35	19.02	255.54	34.60	69.20	47.60	0.21	-16.52	51.57	-10.45	1.78	1.99	-3.89	-9.13
MRBLD1CB164_COS		-1959.11	-124.59	136.13	31.31	-35.87	18.09	0.73	37.95	-31.36	-18.22	19.59	0.08	5.54	1.70	16.73	-3.94
MRBLD1CB164_SIN		0.00	64.41	-52.37	20.45	104.56	24.28	17.37	3.11	2.09	-28.14	53.68	-1.44	4.51	1.71	-11.38	21.25
MRBLD1FB42P75_COS		3142.37	234.18	-401.76	532.31	-152.60	-97.18	-81.76	-288.90	-113.12	-41.42	55.34	54.56	34.34	25.53	8.16	-71.07
MRBLD1FB42P75_SIN		0.00	52.55	-7.06	126.14	109.59	75.84	28.76	153.94	-81.69	-81.46	-83.45	20.41	5.04	14.39	101.39	-34.66
MRBLD1FB70_COS		418.32	1.99	-188.20	151.11	-57.53	-22.09	-7.94	-41.10	-4.07	3.07	-1.65	-1.64	-3.41	-5.23	-0.65	16.06
MRBLD1FB70_SIN		0.00	-200.95	17.78	35.79	22.05	5.00	8.24	34.24	-6.41	1.81	2.57	2.80	2.71	-1.55	-21.97	7.24
MRBLD1FB87_COS		-80.35	29.83	-155.85	48.10	-52.86	-23.54	-4.43	27.24	16.75	10.03	-5.07	-10.11	-4.97	-4.66	-4.61	10.20
MRBLD1FB87_SIN		0.00	-197.94	43.24	59.27	13.59	0.21	-4.56	-15.96	6.31	9.44	19.04	-4.38	0.26	-0.19	-19.32	6.67
MRBLD1FB120_COS		-482.49	28.22	-237.32	12.45	-18.23	2.96	11.64	59.59	6.39	-9.05	-6.27	2.12	4.58	5.66	3.00	-17.05
MRBLD1FB120_SIN		0.00	-240.98	87.58	135.46	32.80	1.04	-21.39	-51.30	10.88	-0.83	-9.82	-0.94	-5.82	-2.24	28.47	-10.82
MRBLD1FB164_COS		-169.91	61.19	-342.03	65.09	147.22	66.35	2.25	-89.67	-10.87	10.64	4.99	-2.85	-2.40	-1.05	0.83	7.56
MRBLD1FB164_SIN		0.00	-298.29	91.70	161.47	27.85	-16.54	18.91	60.57	-19.35	0.64	17.23	-1.64	0.65	1.74	-12.66	5.89

RUN	POINT	Harmonics															
49	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.48	4.39	-196.09	24.65	113.95	46.92	-21.87	-85.30	13.77	18.66	-17.27	-12.91	11.86	12.40	1.33	-21.59
MRBLD1FB180_SIN		0.00	-206.20	59.51	77.07	15.86	-10.18	21.90	64.72	-22.14	-8.27	36.78	-0.28	-0.97	-5.53	32.51	-11.23
MRBLD1TOR51_COS		-1408.02	68.72	-20.18	78.11	-14.66	-19.73	5.16	-32.32	6.34	5.22	-7.10	-1.52	2.78	1.88	-5.43	-0.18
MRBLD1TOR51_SIN		0.00	-77.46	7.44	30.80	9.64	1.72	9.43	53.29	-2.31	-6.89	-2.76	-3.48	1.74	1.65	5.51	-8.33
MRBLD1TOR71_COS		-258.25	86.39	-27.97	55.14	-3.38	-9.74	10.95	-15.32	5.87	2.25	-8.14	-2.01	2.26	3.06	-3.77	-0.54
MRBLD1TOR71_SIN		0.00	-75.80	3.04	12.18	-1.73	1.92	11.39	50.72	5.99	-2.19	1.59	-3.29	0.44	0.60	2.45	-4.59
MRBLD1TOR130_COS		-27.57	75.08	-6.90	31.59	12.68	-5.67	8.89	-15.75	3.55	2.84	3.86	-0.11	0.19	0.20	-2.65	-2.22
MRBLD1TOR130_SIN		0.00	-61.70	-0.50	0.89	0.78	5.57	11.36	39.16	1.96	-1.11	3.62	8.18	2.82	0.38	-1.72	4.29
MRBLD1TOR164_COS		-219.54	39.26	48.09	4.96	-7.37	-14.60	-1.23	-0.87	5.51	3.91	0.43	0.32	1.66	3.06	-4.08	-2.45
MRBLD1TOR164_SIN		0.00	-23.73	-6.69	-25.50	-7.19	4.16	9.45	21.84	3.21	-0.99	4.57	5.88	2.82	0.53	0.69	-1.79
MRFBM1CB26P5_COS		-4784.04	-623.73	-28.93	82.55	-0.91	-10.39	4.24	-16.43	-0.22	-0.31	5.00	1.00	0.84	-0.04	-4.52	-0.57
MRFBM1CB26P5_SIN		0.00	-180.18	-0.02	-20.98	-20.79	-12.01	-12.33	-5.36	-9.28	-2.54	-1.66	3.09	1.19	2.14	3.06	-3.69
MRFBM1FB9_COS		324.17	-20.62	149.40	-103.58	26.25	14.28	6.66	17.13	-0.97	-2.26	-3.66	0.03	0.04	0.53	2.82	-1.36
MRFBM1FB9_SIN		0.00	25.53	31.15	-86.57	-13.17	-0.80	4.27	4.26	6.03	1.86	1.13	-1.89	-1.27	-0.53	-0.46	2.07
MRFBM1TOR26P5_COS		-352.04	84.23	-0.72	0.37	-0.36	0.08	0.05	-0.11	0.17	0.00	-0.13	0.00	0.04	-0.04	0.22	0.05
MRFBM1TOR26P5_SIN		0.00	-101.15	0.23	0.08	-0.01	-0.26	0.31	0.21	0.22	0.05	-0.01	-0.17	0.02	0.07	0.01	0.02

RUN	POINT	Harmonics															
49	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1098.66	-1398.89	-54.83	265.28	-47.70	-55.82	-24.03	-131.57	8.42	23.06	15.98	10.02	3.19	-0.85	-34.35	-4.04
MRPC1CB33P25_SIN		0.00	-188.28	-28.19	13.28	64.46	-14.02	1.22	15.27	-57.01	-12.50	-51.62	28.95	11.28	9.66	31.03	-28.20
MRPC1FB33P25_COS		2301.48	159.34	-345.68	411.28	-153.94	-101.22	-75.18	-284.61	-45.96	14.19	86.93	26.56	19.56	4.47	-86.22	-9.70
MRPC1FB33P25_SIN		0.00	211.92	-77.57	202.91	63.64	35.09	-8.66	1.59	-114.30	-80.59	-31.25	48.59	27.66	29.86	68.52	-82.89
MRPC1TOR25P5_COS		-753.22	-46.77	-25.86	-74.16	6.31	8.96	-14.28	19.79	-9.21	-1.65	11.96	3.90	-3.57	-0.84	-11.57	-5.34
MRPC1TOR25P5_SIN		0.00	133.90	-56.83	-5.43	-2.95	3.41	-9.07	-60.25	-5.04	5.34	-0.88	11.78	-0.45	0.64	-0.79	-0.25
MRPLK1LOAD_COS		-84.08	1.67	0.15	-9.37	1.56	1.83	-1.47	4.23	-0.96	-0.32	1.98	0.01	-0.50	-0.12	-2.05	-0.93
MRPLK1LOAD_SIN		0.00	-12.22	-3.15	-2.48	-0.80	0.74	-1.64	-7.72	-0.37	0.39	0.36	1.70	-0.31	-0.22	-1.14	0.42
PITCHRH_COS		10053.01	-8603.99	-397.10	-44.80	-43.44	-506.61	-16.68	-78.69	62.91	-66.06	48.61	-89.16	17.63	-14.54	-15.70	-358.89
PITCHRH_SIN		0.00	2534.43	-652.20	64.11	-51.17	425.29	82.45	128.80	59.22	-87.52	-219.04	33.79	-7.62	119.40	-15.80	265.76
ROLLRH_COS		1198.09	-2168.53	738.61	-33.31	-98.21	-798.98	-114.78	-36.82	98.77	46.44	298.14	-53.80	-8.60	78.33	-40.09	-642.91
ROLLRH_SIN		0.00	-8229.32	-532.32	-23.34	130.56	61.73	-189.17	-22.21	37.78	-33.98	-57.00	-57.14	1.36	7.06	-35.72	-382.40
TORQ_COS		31008.21	403.76	6.38	9.19	-77.45	63.07	-2.01	24.68	-14.84	-1.28	3.70	1.36	5.43	-3.40	-4.48	3.84
TORQ_SIN		0.00	691.19	-20.46	13.74	-69.55	63.32	6.15	25.73	6.07	-9.25	1.62	2.13	-6.08	4.85	-8.60	-19.38
THRUST_COS		5818.63	-63.07	4.20	14.02	15.99	40.38	1.24	21.95	-2.71	-2.49	-22.62	2.09	1.07	-1.35	2.73	14.76
THRUST_SIN		0.00	-50.89	10.43	4.50	30.73	-32.18	5.70	7.08	-3.31	1.57	24.28	-5.23	1.71	-3.28	-6.35	40.35

RUN	POINT	Harmonics															
49	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.05	30.81	-18.50	-4.68	-24.51	49.14	8.65	-0.60	-1.54	-2.06	-12.39	2.98	0.53	-2.49	0.81	18.87
SIDERH_SIN		0.00	165.77	13.47	3.29	-56.08	-62.92	8.32	0.20	-0.96	2.24	2.64	3.48	0.00	-0.11	0.85	11.02
DRAGRH_COS		-187.67	224.13	10.28	-2.52	-11.00	32.29	-18.98	-2.00	-2.52	3.50	3.37	5.72	-1.40	-0.23	0.07	15.81
DRAGRH_SIN		0.00	-62.65	16.48	-0.21	10.53	38.89	-22.03	1.03	3.47	4.96	12.41	-5.75	0.86	-5.26	-0.21	-12.11

RUN	POINT	Harmonics															
49	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.94	0.12	-0.33	-3.23	-2.63	-0.68	0.02	0.75	0.32	0.03	0.08	0.15	0.28	0.08	0.15	-0.03
ACT1FORCE_SIN		0.00	10.32	1.71	0.73	0.41	-0.96	-0.68	-0.39	0.08	0.19	-0.08	0.11	0.04	-0.10	0.03	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.99	-13.14	-3.75	30.88	24.69	6.81	0.00	0.04	0.04	0.00	0.02	0.03	0.02	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-80.36	-11.63	-5.58	-4.68	7.40	9.16	-0.09	-0.02	-0.01	-0.04	-0.01	0.00	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.74	13.25	3.80	-30.91	-24.74	-6.88	-0.07	-0.05	-0.03	0.00	-0.01	-0.03	-0.02	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	80.51	11.68	5.67	4.79	-7.38	-9.19	0.08	0.01	0.01	0.03	0.01	0.00	-0.01	-0.01	0.02
MRBLD1CB42P75_COS		-4082.48	-1437.58	30.46	234.82	-48.44	-67.65	-36.98	-156.51	28.47	37.95	37.24	-16.82	-11.70	-8.46	-29.94	-7.47
MRBLD1CB42P75_SIN		0.00	-133.79	-38.51	63.31	158.03	-14.20	16.37	41.67	-58.02	-3.71	-73.40	45.28	6.75	1.48	22.34	-20.20

RUN	POINT	Harmonics															
49	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2742.10	-898.18	294.29	134.45	-20.70	-44.86	-49.95	-105.12	19.65	36.73	14.64	-4.94	-5.37	-2.43	-19.61	-3.84
MRBLD1CB70_SIN		0.00	-63.37	-64.05	101.56	290.33	2.20	65.99	61.44	-32.13	-0.65	-63.86	24.01	4.92	2.02	17.35	-19.11
MRBLD1CB120_COS		-545.98	-375.51	421.44	134.84	5.41	4.91	-36.16	-32.14	-35.21	-6.77	2.59	12.63	6.85	7.41	1.23	3.01
MRBLD1CB120_SIN		0.00	78.84	-148.48	21.84	274.53	13.37	85.05	52.27	5.66	-8.91	47.60	-16.93	3.00	2.80	-2.26	-7.91
MRBLD1CB164_COS		-1957.62	-119.83	135.32	29.96	-37.16	8.46	4.23	40.25	-32.38	-15.44	1.70	8.65	7.24	3.80	11.54	-2.56
MRBLD1CB164_SIN		0.00	73.49	-53.51	20.85	112.82	13.49	26.97	1.92	5.76	-19.08	52.90	-6.59	5.64	0.81	-9.26	15.63
MRBLD1FB42P75_COS		3154.29	211.07	-396.71	522.17	-89.93	-76.64	-86.58	-295.40	-111.23	-28.72	88.69	35.05	21.11	16.24	7.70	-59.35
MRBLD1FB42P75_SIN		0.00	28.47	-1.58	119.86	137.65	78.66	20.32	173.52	-83.97	-83.47	-74.19	39.35	4.91	3.52	68.63	-24.48
MRBLD1FB70_COS		419.62	3.98	-188.40	148.02	-40.10	-17.54	-8.18	-41.56	-3.84	3.13	-0.86	-0.88	-2.06	-3.58	-0.38	13.89
MRBLD1FB70_SIN		0.00	-201.49	21.01	32.40	32.05	6.33	7.96	39.78	-4.96	2.67	2.94	3.16	3.24	0.58	-15.15	5.31
MRBLD1FB87_COS		-80.73	30.25	-159.18	44.48	-47.88	-24.13	-5.41	27.38	15.96	7.53	-14.03	-6.12	-2.83	-3.42	-4.77	7.41
MRBLD1FB87_SIN		0.00	-200.17	46.63	57.16	18.73	1.45	-2.89	-16.28	7.86	10.61	18.47	-8.89	0.33	1.59	-12.91	4.21
MRBLD1FB120_COS		-485.19	29.81	-239.20	7.79	-22.84	0.80	11.13	61.52	7.91	-7.19	-1.99	1.59	4.48	5.44	4.50	-12.28
MRBLD1FB120_SIN		0.00	-247.46	90.27	129.18	31.16	-0.59	-21.20	-59.74	8.51	-2.32	-10.58	0.86	-6.04	-4.11	19.59	-7.11
MRBLD1FB164_COS		-172.86	62.75	-334.91	58.42	133.34	67.54	6.69	-92.19	-14.67	8.25	-1.89	-0.48	-1.65	-1.05	0.58	5.77
MRBLD1FB164_SIN		0.00	-305.50	96.54	155.87	10.61	-21.80	18.10	70.60	-17.54	0.72	16.16	-5.47	0.07	2.72	-8.04	3.47

RUN	POINT	Harmonics															
49	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.21	6.29	-189.82	21.28	105.31	48.48	-19.80	-91.07	8.11	12.01	-36.76	-6.13	14.38	13.72	2.91	-15.90
MRBLD1FB180_SIN		0.00	-211.66	61.36	74.46	4.23	-14.33	19.67	74.25	-20.95	-10.24	31.16	-12.01	-3.69	-8.35	20.79	-7.41
MRBLD1TOR51_COS		-1407.28	71.20	-19.66	77.45	-10.18	-21.34	1.28	-33.96	6.46	5.06	-8.96	0.49	3.91	3.56	-2.33	0.42
MRBLD1TOR51_SIN		0.00	-75.64	9.00	29.43	13.05	1.41	5.53	58.25	-1.91	-7.32	-4.87	-4.84	1.26	1.38	4.17	-5.87
MRBLD1TOR71_COS		-257.30	87.61	-28.01	55.13	-0.34	-11.22	7.52	-16.28	5.90	1.85	-11.05	0.74	3.51	4.10	-1.82	-0.27
MRBLD1TOR71_SIN		0.00	-75.62	4.05	11.28	-0.30	1.74	8.27	54.59	6.49	-2.51	-0.93	-4.71	0.41	0.74	2.07	-3.02
MRBLD1TOR130_COS		-27.01	75.93	-7.02	31.06	13.03	-7.09	6.57	-17.30	3.24	2.18	3.40	-2.41	-0.52	-0.90	-3.50	-2.61
MRBLD1TOR130_SIN		0.00	-61.20	0.58	1.07	-0.30	5.42	9.87	42.96	3.08	-0.23	5.47	7.56	2.42	-0.12	-1.93	2.85
MRBLD1TOR164_COS		-218.98	40.08	47.49	5.14	-5.96	-15.26	-2.97	-1.53	5.45	3.08	-0.52	0.30	1.71	2.68	-3.02	-2.44
MRBLD1TOR164_SIN		0.00	-22.23	-7.04	-24.47	-4.87	4.43	8.55	23.39	3.89	-1.21	4.04	5.33	2.93	0.42	0.05	-1.94
MRFBM1CB26P5_COS		-4799.24	-584.94	-26.40	81.26	0.03	-8.75	2.90	-16.92	0.49	0.09	7.21	-0.79	0.11	0.36	-3.30	-0.83
MRFBM1CB26P5_SIN		0.00	-126.79	5.47	-20.85	-22.59	-8.17	-14.69	-4.79	-10.63	-2.52	0.97	3.17	0.32	0.39	2.00	-3.26
MRFBM1FB9_COS		334.82	-63.86	149.27	-100.88	21.24	13.35	7.08	18.11	-0.91	-2.51	-4.16	1.03	0.20	0.33	1.89	-1.00
MRFBM1FB9_SIN		0.00	8.69	23.36	-84.20	-19.35	-1.65	4.60	3.37	5.99	1.63	-0.12	-1.58	-0.81	-0.31	-0.43	1.76
MRFBM1TOR26P5_COS		-352.05	84.05	-0.73	0.35	-0.42	0.04	-0.04	-0.11	0.15	0.01	-0.17	0.05	0.05	-0.01	0.21	0.07
MRFBM1TOR26P5_SIN		0.00	-101.49	0.12	0.08	0.01	-0.31	0.25	0.25	0.22	0.04	-0.07	-0.14	0.04	0.08	0.00	0.04

RUN	POINT	Harmonics															
49	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1117.13	-1326.00	-46.30	260.07	-44.18	-55.54	-25.15	-138.14	9.16	22.74	39.54	-9.30	-4.05	-3.52	-25.67	-6.67
MRPC1CB33P25_SIN		0.00	-98.21	-14.63	10.00	74.62	-8.31	-4.37	23.36	-59.73	-16.02	-40.36	35.51	6.46	3.26	20.91	-22.11
MRPC1FB33P25_COS		2310.78	139.40	-340.37	404.14	-110.00	-85.85	-75.21	-297.09	-43.48	23.66	107.06	0.14	10.40	6.67	-58.62	-13.24
MRPC1FB33P25_SIN		0.00	189.42	-73.43	195.27	101.02	42.65	-16.32	14.58	-115.13	-75.88	-5.72	49.87	17.87	15.91	48.46	-67.02
MRPC1TOR25P5_COS		-755.35	-51.58	-23.69	-73.44	2.47	10.66	-8.62	21.25	-8.94	-1.81	17.26	-2.07	-5.89	-3.92	-11.85	-6.63
MRPC1TOR25P5_SIN		0.00	131.32	-60.13	-4.63	-4.09	2.43	-5.22	-65.21	-5.12	5.58	3.61	13.69	-1.51	-0.81	-1.55	-1.71
MRPLK1LOAD_COS		-84.24	1.61	0.14	-9.26	0.89	2.08	-0.76	4.44	-0.91	-0.31	2.57	-0.73	-0.78	-0.59	-2.17	-1.20
MRPLK1LOAD_SIN		0.00	-12.36	-3.35	-2.29	-1.13	0.78	-1.10	-8.45	-0.39	0.45	1.01	1.79	-0.43	-0.40	-1.04	0.06
PITCHRH_COS		10753.55	-8642.57	-399.07	-48.94	-23.95	-345.25	-84.28	-50.69	25.83	-81.23	39.91	-97.35	7.42	21.55	-10.22	-329.33
PITCHRH_SIN		0.00	2568.18	-651.25	74.12	-63.58	468.12	123.46	126.65	19.09	-95.18	-179.92	21.13	-8.64	77.32	-12.29	230.85
ROLLRH_COS		1564.22	-2175.01	714.28	-28.88	-98.79	-944.70	-147.89	-64.18	113.91	71.76	295.75	-51.99	-14.54	37.69	-10.62	-571.95
ROLLRH_SIN		0.00	-8192.99	-519.08	-27.43	126.34	353.78	-158.21	-46.82	3.03	-69.72	1.12	-59.08	-11.39	-59.15	-42.29	-359.97
TORQ_COS		30734.03	408.78	3.47	11.22	-51.07	67.14	-1.89	25.96	-19.71	-0.07	-5.35	2.96	5.94	-1.15	-4.66	9.12
TORQ_SIN		0.00	702.19	-16.80	9.66	-67.69	53.80	1.85	23.20	12.06	-8.15	-2.29	2.50	-6.12	6.90	-9.55	-15.27
THRUST_COS		5850.03	-62.53	4.80	12.69	11.95	33.58	2.55	22.59	-0.56	-2.76	-32.35	2.69	1.09	-1.81	1.36	12.34
THRUST_SIN		0.00	-49.22	9.71	3.64	29.86	-35.01	7.24	4.03	-2.97	2.38	16.98	-5.45	1.94	-0.87	-4.48	36.81

RUN	POINT	Harmonics															
49	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-176.96	31.18	-18.74	-2.95	-21.15	40.52	11.59	-1.09	-1.68	-3.15	-12.55	2.70	0.70	-1.28	-0.19	16.85
SIDERH_SIN		0.00	157.77	13.46	3.42	-51.38	-84.35	12.95	0.50	-0.27	3.79	0.17	3.40	0.26	1.90	0.88	10.42
DRAGRH_COS		-183.31	223.66	10.84	-2.10	-7.36	54.51	-10.57	-1.38	-2.09	3.16	4.29	6.55	-1.54	-0.79	0.30	14.69
DRAGRH_SIN		0.00	-63.19	16.89	0.57	8.43	51.96	-26.63	2.82	3.45	6.04	10.42	-4.43	0.98	-3.03	-0.30	-10.26

RUN	POINT	Harmonics															
49	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.55	0.15	-0.32	-3.15	-2.71	-0.70	0.07	0.71	0.32	-0.01	0.05	0.18	0.22	0.06	0.15	-0.05
ACT1FORCE_SIN		0.00	10.37	1.77	0.73	0.31	-0.88	-0.63	-0.35	0.09	0.10	-0.15	0.09	0.05	-0.10	-0.01	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.76	-13.54	-2.67	30.47	24.76	7.11	0.89	0.03	0.02	-0.02	0.01	0.03	0.02	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-79.55	-12.66	-6.15	-3.99	7.80	9.12	-0.07	-0.01	-0.02	-0.05	-0.02	0.00	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.97	13.65	2.73	-30.50	-24.82	-7.18	-0.96	-0.04	-0.02	0.03	0.00	-0.01	-0.02	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	79.69	12.70	6.24	4.09	-7.77	-9.15	0.05	-0.01	0.01	0.04	0.02	0.00	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4030.04	-1465.80	16.96	239.35	-63.41	-68.87	-33.34	-152.05	32.16	39.95	44.08	-13.15	-10.89	-7.95	-35.62	-5.98
MRBLD1CB42P75_SIN		0.00	-219.07	-45.96	65.92	142.13	-20.39	19.00	34.98	-56.73	6.67	-82.50	55.84	15.75	7.24	29.80	-21.08

RUN	POINT	Harmonics															
49	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.65	-914.91	284.22	139.55	-39.72	-44.29	-56.84	-100.48	22.45	38.14	19.79	-4.02	-4.97	-1.89	-23.85	-3.98
MRBLD1CB70_SIN		0.00	-113.28	-64.69	103.09	270.17	1.14	59.63	57.31	-33.27	9.37	-66.67	30.45	10.64	2.84	23.37	-22.61
MRBLD1CB120_COS		-548.72	-383.77	418.75	136.90	-25.64	8.07	-48.88	-30.85	-30.49	-5.04	1.13	13.33	7.53	7.64	0.02	2.57
MRBLD1CB120_SIN		0.00	66.57	-143.58	18.94	252.27	17.90	65.40	50.18	-0.56	-16.14	53.26	-21.79	0.26	1.71	-3.37	-8.45
MRBLD1CB164_COS		-1960.77	-123.01	137.00	29.38	-51.22	10.31	-3.42	38.77	-30.55	-13.33	0.70	11.33	9.46	4.39	15.50	-2.50
MRBLD1CB164_SIN		0.00	72.46	-51.99	17.81	102.48	16.92	16.11	3.27	2.90	-27.97	56.30	-9.31	3.23	0.64	-12.05	19.12
MRBLD1FB42P75_COS		3129.07	221.32	-402.05	520.75	-161.47	-90.25	-76.42	-298.39	-102.85	-29.83	88.16	49.96	28.44	21.71	7.42	-61.55
MRBLD1FB42P75_SIN		0.00	46.83	-9.69	106.12	112.09	86.03	17.70	164.96	-94.89	-91.95	-84.75	41.28	11.53	12.85	90.45	-26.37
MRBLD1FB70_COS		417.53	2.07	-189.26	147.60	-61.71	-21.34	-6.25	-42.14	-2.57	3.73	-0.31	-0.86	-2.57	-4.37	0.03	14.54
MRBLD1FB70_SIN		0.00	-201.81	17.12	28.36	23.15	7.85	6.67	37.04	-7.02	2.02	2.19	3.00	2.71	-1.11	-19.57	5.43
MRBLD1FB87_COS		-79.50	29.90	-157.79	45.10	-54.87	-24.29	-4.76	28.06	15.23	7.82	-13.56	-9.23	-4.12	-4.45	-5.03	7.95
MRBLD1FB87_SIN		0.00	-200.42	42.74	54.23	14.50	1.78	-3.60	-16.26	8.90	12.04	21.17	-9.71	-1.36	-0.18	-17.35	4.83
MRBLD1FB120_COS		-481.30	28.24	-242.47	8.34	-18.09	1.04	9.57	61.39	5.43	-8.85	-3.38	2.56	5.01	5.99	4.25	-13.28
MRBLD1FB120_SIN		0.00	-249.74	84.91	127.40	34.32	0.29	-18.84	-55.03	11.94	-1.66	-11.00	1.44	-5.02	-2.40	25.38	-8.17
MRBLD1FB164_COS		-169.16	65.06	-348.32	64.30	156.11	71.69	6.81	-93.20	-9.88	8.35	-1.21	-2.48	-2.28	-1.18	-0.31	5.10
MRBLD1FB164_SIN		0.00	-309.26	89.50	153.21	27.23	-23.65	16.46	65.74	-22.96	1.85	18.31	-5.61	-0.89	1.47	-11.30	4.29

RUN	POINT	Harmonics															
49	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.28	8.20	-199.26	26.03	119.47	49.95	-19.44	-90.21	11.49	13.33	-34.12	-9.17	14.43	13.41	2.48	-16.37
MRBLD1FB180_SIN		0.00	-212.56	58.01	73.12	14.15	-15.03	17.57	68.41	-23.69	-5.47	39.20	-13.70	-7.32	-8.72	26.96	-8.46
MRBLD1TOR51_COS		-1409.67	69.38	-20.28	75.99	-16.40	-19.75	7.20	-35.16	6.91	4.68	-9.10	0.40	4.13	2.95	-3.58	1.28
MRBLD1TOR51_SIN		0.00	-77.22	8.60	29.41	9.40	0.85	7.02	56.26	-2.43	-6.66	-3.76	-5.28	0.93	1.07	5.11	-6.28
MRBLD1TOR71_COS		-259.46	86.26	-27.91	53.51	-3.86	-9.40	12.41	-17.41	5.91	1.40	-11.62	0.24	3.67	3.88	-2.68	0.07
MRBLD1TOR71_SIN		0.00	-75.81	3.91	11.32	-2.00	0.98	9.58	52.99	5.98	-2.11	0.35	-5.63	-0.45	0.37	2.31	-3.38
MRBLD1TOR130_COS		-28.34	75.30	-6.90	30.42	12.51	-5.36	9.92	-17.75	4.05	2.66	3.99	-2.06	-0.43	-0.24	-3.26	-3.21
MRBLD1TOR130_SIN		0.00	-61.79	0.48	1.45	0.42	4.45	10.39	41.22	2.03	-0.66	5.34	8.44	2.77	0.32	-2.21	2.94
MRBLD1TOR164_COS		-219.39	39.19	48.97	4.20	-8.70	-15.55	-1.07	-1.45	5.16	3.50	-0.68	0.10	1.58	3.02	-3.94	-3.31
MRBLD1TOR164_SIN		0.00	-22.31	-5.63	-23.90	-7.60	4.33	8.80	22.48	3.60	-0.64	4.76	5.53	2.95	0.71	0.24	-1.96
MRFBM1CB26P5_COS		-4768.18	-598.89	-31.59	81.78	0.36	-8.12	5.60	-17.08	0.37	0.10	7.17	-0.22	-0.04	-0.21	-4.36	-0.73
MRFBM1CB26P5_SIN		0.00	-168.56	1.92	-19.25	-19.63	-10.20	-12.58	-5.15	-9.62	-3.10	-0.33	3.71	0.78	1.50	2.24	-2.98
MRFBM1FB9_COS		309.59	-34.26	153.26	-101.87	28.09	14.76	5.63	17.89	-1.60	-2.59	-4.68	0.99	0.36	0.52	2.46	-1.10
MRFBM1FB9_SIN		0.00	29.66	30.07	-81.42	-12.92	-1.66	4.58	3.84	6.03	1.54	-0.02	-2.17	-1.21	-0.50	-0.56	1.80
MRFBM1TOR26P5_COS		-352.10	84.10	-0.72	0.36	-0.37	0.07	0.08	-0.13	0.15	-0.01	-0.15	0.06	0.05	-0.02	0.23	0.09
MRFBM1TOR26P5_SIN		0.00	-101.23	0.21	0.09	-0.04	-0.28	0.24	0.25	0.22	0.04	-0.05	-0.16	0.03	0.07	0.02	0.04

RUN	POINT	Harmonics															
49	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1077.37	-1352.48	-59.43	263.26	-58.12	-56.98	-18.50	-136.22	12.65	24.82	43.41	-5.13	-3.41	-3.47	-32.14	-5.31
MRPC1CB33P25_SIN		0.00	-172.44	-22.33	12.97	65.12	-13.85	-1.26	18.40	-58.63	-11.80	-47.78	42.83	13.05	8.81	27.01	-23.20
MRPC1FB33P25_COS		2288.92	147.53	-345.56	405.25	-162.97	-98.92	-67.55	-296.75	-32.19	27.43	112.82	8.89	10.36	2.37	-77.53	-12.74
MRPC1FB33P25_SIN		0.00	206.77	-79.98	185.13	63.88	44.63	-14.73	6.62	-119.61	-82.40	-13.66	60.88	27.92	25.97	60.67	-70.31
MRPC1TOR25P5_COS		-752.36	-48.53	-25.16	-71.86	6.61	8.35	-15.77	22.41	-8.79	-0.80	17.69	-1.85	-6.60	-3.02	-13.01	-8.77
MRPC1TOR25P5_SIN		0.00	132.72	-59.29	-4.63	-2.88	3.41	-6.91	-63.85	-5.19	4.86	1.53	15.54	-0.39	0.65	-2.12	-2.68
MRPLK1LOAD_COS		-83.65	1.69	0.19	-9.02	1.72	1.74	-1.73	4.59	-0.96	-0.19	2.56	-0.79	-0.91	-0.40	-2.30	-1.55
MRPLK1LOAD_SIN		0.00	-12.14	-3.33	-2.33	-0.82	0.84	-1.22	-8.20	-0.37	0.38	0.79	2.03	-0.32	-0.22	-1.32	-0.10
PITCHRH_COS		10297.30	-8622.10	-393.24	-53.24	-9.55	-550.21	-78.14	-59.32	26.26	-53.50	68.07	-86.90	-0.14	-10.31	-21.19	-367.62
PITCHRH_SIN		0.00	2560.56	-635.91	68.54	-63.09	492.43	149.73	123.51	33.76	-97.70	-193.73	35.28	0.53	85.79	-9.87	261.00
ROLLRH_COS		1134.95	-2184.90	721.79	-26.34	-73.81	-911.11	-133.90	-35.32	104.60	85.06	314.13	-61.69	-36.06	30.08	-21.67	-617.62
ROLLRH_SIN		0.00	-8195.38	-515.18	-12.93	117.33	-44.75	-125.35	-47.52	10.67	-31.71	-29.04	-54.77	-16.72	-31.77	-36.61	-423.40
TORQ_COS		31321.23	414.65	4.26	8.63	-41.32	68.65	-4.19	25.48	-16.30	-0.87	-1.92	1.11	5.63	-1.91	-3.46	2.96
TORQ_SIN		0.00	697.16	-15.74	10.49	-80.63	68.22	2.50	25.35	4.85	-6.78	1.80	3.79	-6.12	6.01	-8.40	-19.53
THRUST_COS		5773.08	-62.42	4.60	12.21	10.13	42.04	2.69	21.98	-1.41	-4.06	-30.19	2.11	1.83	-0.40	0.93	13.06
THRUST_SIN		0.00	-50.70	9.57	3.33	31.76	-36.74	5.74	7.01	-2.08	1.96	23.21	-5.34	1.80	-1.87	-5.77	39.12

RUN	POINT	Harmonics															
49	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.36	30.13	-18.23	-4.28	-21.55	63.15	11.51	-1.60	-1.53	-4.00	-13.03	3.27	1.51	-1.03	0.18	18.08
SIDERH_SIN		0.00	161.74	13.54	2.72	-51.39	-60.55	9.99	0.26	-0.28	2.31	1.16	3.24	0.42	0.95	0.59	12.12
DRAGRH_COS		-188.64	224.25	10.53	-1.77	-8.95	18.41	-14.15	-1.57	-1.57	0.82	3.20	5.39	-0.73	-0.41	0.43	16.16
DRAGRH_SIN		0.00	-62.84	16.63	-0.04	8.11	46.17	-28.84	3.40	3.17	4.92	10.87	-5.65	-0.21	-3.77	-0.71	-11.67

RUN	POINT	Harmonics															
49	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.81	0.07	-0.01	-3.14	-2.75	-0.64	0.00	0.77	0.33	-0.01	0.05	0.12	0.25	0.10	0.14	-0.02
ACT1FORCE_SIN		0.00	10.51	1.80	0.50	0.41	-0.91	-0.67	-0.26	0.04	0.13	-0.18	0.12	0.08	-0.08	0.05	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.14	-12.92	-5.09	29.42	24.60	6.54	0.43	0.05	0.02	-0.02	0.01	0.03	0.02	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-80.31	-12.54	-5.15	-3.98	7.61	9.08	-0.07	-0.01	-0.02	-0.05	-0.02	0.01	0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.59	13.02	5.15	-29.45	-24.66	-6.60	-0.49	-0.06	-0.02	0.03	-0.01	-0.03	-0.02	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	80.44	12.58	5.25	4.08	-7.58	-9.11	0.05	-0.01	0.01	0.04	0.02	0.00	-0.02	-0.01	0.01
MRBLD1CB42P75_COS		-4076.69	-1404.62	5.12	210.60	-49.69	-67.00	-32.42	-139.30	35.32	33.91	33.79	-2.57	-8.78	-6.84	-31.79	-6.41
MRBLD1CB42P75_SIN		0.00	-139.67	-45.17	56.13	142.24	-19.36	13.85	1.11	-56.62	3.18	-95.63	56.62	15.64	5.05	28.09	-22.39

RUN	POINT	Harmonics															
49	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2736.05	-875.29	288.88	112.59	-33.74	-33.74	-53.65	-96.15	23.33	31.25	9.03	4.44	-3.78	-4.33	-23.61	-5.57
MRBLD1CB70_SIN		0.00	-45.01	-69.00	89.26	279.06	1.67	62.04	28.98	-34.11	6.94	-73.74	30.58	9.40	1.59	22.05	-21.58
MRBLD1CB120_COS		-564.18	-369.52	428.67	112.08	-20.04	23.98	-46.05	-32.72	-32.60	-3.34	5.64	6.35	5.89	6.13	-1.12	1.85
MRBLD1CB120_SIN		0.00	116.98	-152.26	11.63	268.18	19.72	78.91	33.25	-2.13	-15.42	62.36	-20.64	-0.28	0.56	-3.36	-7.61
MRBLD1CB164_COS		-1965.85	-119.77	140.96	17.21	-50.52	16.16	-4.97	33.10	-32.23	-9.07	6.77	3.55	7.70	5.82	14.71	-1.53
MRBLD1CB164_SIN		0.00	88.17	-55.34	12.66	111.27	17.36	24.75	6.78	0.47	-26.93	63.75	-10.36	3.36	1.10	-12.11	17.14
MRBLD1FB42P75_COS		3152.70	200.05	-421.78	446.43	-133.30	-77.09	-79.86	-308.78	-107.47	-28.98	84.98	51.24	26.13	17.93	7.39	-62.46
MRBLD1FB42P75_SIN		0.00	27.63	-8.27	117.70	133.04	88.23	10.14	82.00	-100.82	-98.17	-92.62	43.23	12.17	8.34	82.85	-25.28
MRBLD1FB70_COS		420.07	1.58	-198.82	121.21	-53.36	-17.63	-6.48	-43.37	-2.92	2.87	-1.64	-1.50	-2.43	-3.65	-0.22	14.33
MRBLD1FB70_SIN		0.00	-206.48	18.81	28.48	28.89	7.72	4.58	22.99	-6.99	2.32	2.16	2.33	2.12	-0.39	-17.72	5.70
MRBLD1FB87_COS		-78.95	29.60	-165.13	29.39	-52.81	-23.90	-4.80	29.51	16.24	8.61	-11.53	-10.02	-4.05	-3.60	-4.42	8.76
MRBLD1FB87_SIN		0.00	-207.88	45.25	53.27	18.07	2.17	-3.40	-8.34	10.00	13.26	23.11	-9.50	-1.82	-0.03	-16.34	4.49
MRBLD1FB120_COS		-480.97	30.28	-249.13	-6.45	-20.29	-0.92	7.75	62.52	4.65	-8.86	-4.18	3.18	4.92	5.14	3.61	-14.50
MRBLD1FB120_SIN		0.00	-263.64	89.15	122.00	34.02	-0.41	-16.27	-34.87	11.22	-1.87	-11.68	1.62	-3.86	-2.42	23.61	-7.92
MRBLD1FB164_COS		-164.49	65.32	-355.66	47.84	146.01	70.79	10.60	-91.13	-9.00	8.59	-0.20	-2.67	-1.87	-0.37	0.37	6.61
MRBLD1FB164_SIN		0.00	-325.16	94.09	150.97	14.15	-28.30	18.59	36.39	-22.33	1.47	19.78	-4.32	-1.10	1.93	-10.75	4.33

RUN	POINT	Harmonics															
49	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-207.89	9.28	-201.90	20.57	113.13	50.85	-16.13	-89.79	12.14	13.37	-31.33	-12.79	11.06	10.32	-0.15	-20.51
MRBLD1FB180_SIN		0.00	-223.05	60.16	72.37	3.97	-17.58	17.25	42.27	-21.87	-2.86	43.67	-11.80	-4.56	-7.80	25.01	-8.35
MRBLD1TOR51_COS		-1408.43	71.16	-23.80	69.77	-13.50	-22.30	7.49	-36.66	7.00	4.80	-9.24	-1.05	3.22	2.53	-2.99	0.59
MRBLD1TOR51_SIN		0.00	-75.78	7.91	28.75	15.37	1.35	1.86	38.52	-3.39	-5.98	-2.76	-5.40	0.36	0.52	4.00	-7.75
MRBLD1TOR71_COS		-258.43	87.07	-30.94	50.52	-2.02	-12.11	12.95	-19.90	5.89	1.52	-11.46	-1.24	2.95	3.29	-2.30	-0.09
MRBLD1TOR71_SIN		0.00	-76.30	3.38	11.12	2.35	1.15	5.12	40.22	5.37	-1.31	1.71	-5.70	-0.56	0.09	1.73	-4.44
MRBLD1TOR130_COS		-27.40	76.18	-8.82	29.80	13.27	-7.05	10.77	-19.09	3.95	2.68	3.82	-1.98	-0.04	-0.32	-3.49	-3.02
MRBLD1TOR130_SIN		0.00	-62.06	0.29	2.10	1.63	4.01	7.92	30.23	1.51	-0.49	5.12	8.86	3.22	0.56	-1.51	3.45
MRBLD1TOR164_COS		-220.14	39.57	49.81	6.52	-7.71	-16.08	-0.65	-3.21	4.54	2.90	-1.00	0.01	1.39	2.24	-4.67	-3.51
MRBLD1TOR164_SIN		0.00	-20.09	-6.08	-22.85	-4.64	4.69	7.11	19.44	3.46	-0.15	4.86	5.49	3.14	0.68	0.74	-1.07
MRFBM1CB26P5_COS		-4796.92	-568.68	-39.61	78.80	6.48	-11.32	4.83	-14.69	1.43	0.51	8.13	-0.45	-0.08	0.60	-3.59	-0.53
MRFBM1CB26P5_SIN		0.00	-133.33	2.21	-17.31	-24.50	-10.81	-14.33	-7.66	-9.34	-3.14	-1.41	3.89	1.14	1.20	2.02	-3.25
MRFBM1FB9_COS		332.16	-73.73	166.79	-82.86	26.70	13.58	5.99	15.18	-1.56	-2.68	-4.59	0.94	0.40	0.47	2.34	-1.01
MRFBM1FB9_SIN		0.00	26.69	31.94	-76.98	-16.51	-2.46	5.40	7.45	6.46	1.85	0.46	-2.27	-1.07	-0.33	-0.52	1.79
MRFBM1TOR26P5_COS		-352.08	84.10	-0.70	0.36	-0.40	0.06	0.06	-0.14	0.14	-0.01	-0.16	0.06	0.05	-0.02	0.22	0.07
MRFBM1TOR26P5_SIN		0.00	-101.32	0.16	0.05	0.05	-0.30	0.19	0.15	0.22	0.05	-0.05	-0.18	0.01	0.07	-0.02	0.03

RUN	POINT	Harmonics															
49	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1111.58	-1299.24	-74.58	240.03	-42.22	-59.03	-20.53	-124.95	15.42	22.29	39.17	0.14	-2.73	-2.20	-28.73	-5.82
MRPC1CB33P25_SIN		0.00	-110.66	-18.17	10.75	62.04	-12.96	-6.72	-11.79	-58.59	-14.35	-56.61	43.90	13.09	6.41	25.17	-24.13
MRPC1FB33P25_COS		2311.10	130.59	-359.12	342.56	-145.08	-88.64	-67.04	-271.70	-33.03	30.72	113.80	9.71	8.87	3.99	-70.39	-14.16
MRPC1FB33P25_SIN		0.00	188.80	-81.46	181.03	87.43	50.08	-21.04	-61.12	-126.29	-86.60	-21.69	63.40	26.89	20.14	57.01	-70.31
MRPC1TOR25P5_COS		-753.33	-52.31	-19.29	-67.66	4.14	11.78	-15.71	25.71	-9.07	-1.17	17.36	0.86	-5.11	-2.52	-12.57	-7.14
MRPC1TOR25P5_SIN		0.00	131.19	-59.68	-4.62	-7.46	2.47	-0.97	-47.23	-4.15	4.24	-1.06	16.12	1.00	0.94	0.01	-0.11
MRPLK1LOAD_COS		-84.07	1.74	0.73	-8.31	1.30	2.15	-1.74	5.00	-0.99	-0.24	2.58	-0.49	-0.70	-0.38	-2.28	-1.25
MRPLK1LOAD_SIN		0.00	-12.26	-3.31	-2.43	-1.56	0.82	-0.50	-5.74	-0.18	0.29	0.53	2.19	-0.09	-0.16	-0.86	0.30
PITCHRH_COS		10917.14	-8636.72	-396.76	-51.37	-34.47	-371.06	-105.91	-65.33	55.01	-53.26	88.24	-89.60	16.33	27.70	-24.72	-376.18
PITCHRH_SIN		0.00	2542.42	-650.40	83.64	-72.90	465.06	100.31	111.39	-3.65	-101.71	-186.27	26.72	-14.32	76.97	-10.23	249.31
ROLLRH_COS		1270.48	-2189.78	724.97	-25.49	-110.61	-996.60	-150.73	-34.71	119.73	93.90	307.01	-51.78	-1.09	33.80	-27.15	-631.49
ROLLRH_SIN		0.00	-8188.99	-521.91	-17.49	130.92	217.99	-142.72	-49.61	55.69	-36.07	24.95	-54.68	5.64	-42.73	-40.92	-352.50
TORQ_COS		30867.01	408.79	0.04	8.87	-70.46	77.99	-3.47	16.98	-22.74	-0.28	-8.36	3.42	3.24	-3.81	-3.23	5.50
TORQ_SIN		0.00	714.06	-19.73	12.32	-64.55	70.67	2.73	26.47	3.18	-10.17	5.96	2.89	-3.98	5.57	-7.98	-13.75
THRUST_COS		5841.89	-63.34	4.93	12.38	15.32	34.58	1.54	18.90	-1.70	-4.38	-35.82	3.70	0.54	-2.70	2.64	15.51
THRUST_SIN		0.00	-48.92	10.06	4.76	32.03	-38.97	5.69	10.73	-1.46	2.92	23.53	-5.27	2.22	-1.42	-5.75	36.40

RUN	POINT	Harmonics															
49	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.46	34.55	-19.62	-4.11	-24.04	57.70	8.86	-0.82	-2.24	-4.27	-12.32	2.56	0.27	-1.15	0.37	18.50
SIDERH_SIN		0.00	157.81	13.07	3.21	-57.80	-82.87	11.28	0.29	-1.68	2.54	-1.10	3.20	-0.18	1.44	0.76	10.14
DRAGRH_COS		-184.36	223.58	11.04	-2.23	-10.06	39.97	-10.89	-1.35	-1.60	1.39	1.06	5.89	-1.21	-1.24	0.73	16.75
DRAGRH_SIN		0.00	-63.12	16.44	-0.07	10.98	69.36	-21.39	0.74	5.61	4.97	8.91	-4.45	0.23	-2.01	-0.36	-10.76

RUN	POINT	Harmonics															
49	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.44	0.10	-0.35	-3.20	-2.74	-0.64	0.05	0.72	0.24	0.01	0.05	0.20	0.24	0.06	0.14	-0.05
ACT1FORCE_SIN		0.00	10.40	1.75	0.66	0.29	-0.95	-0.60	-0.31	0.08	0.11	-0.17	0.11	0.10	-0.08	0.02	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.80	-12.70	-1.92	31.52	25.61	6.23	0.74	0.05	0.03	-0.01	0.01	0.02	0.01	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-80.28	-12.48	-5.47	-3.44	7.74	8.54	-0.06	0.00	-0.01	-0.03	0.00	0.02	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.92	12.80	1.98	-31.55	-25.67	-6.30	-0.79	-0.06	-0.03	0.01	-0.01	-0.01	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	80.42	12.53	5.57	3.54	-7.72	-8.57	0.04	-0.02	0.00	0.03	0.00	-0.02	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4031.36	-1514.22	19.22	233.40	-44.77	-67.48	-40.15	-142.99	34.92	35.71	23.84	6.61	-4.42	-5.26	-27.66	-6.41
MRBLD1CB42P75_SIN		0.00	-249.19	-43.90	63.35	156.57	-11.04	13.99	22.26	-50.15	3.91	-117.56	58.58	15.95	9.63	30.08	-17.96

RUN	POINT	Harmonics															
49	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2765.49	-945.53	284.94	135.09	-15.98	-43.71	-58.31	-96.76	24.08	35.14	6.12	9.03	-0.88	-2.96	-17.71	-5.45
MRBLD1CB70_SIN		0.00	-128.88	-66.93	99.78	293.60	22.35	51.99	44.87	-29.95	7.11	-92.47	30.50	8.08	3.18	22.09	-20.18
MRBLD1CB120_COS		-548.37	-396.57	415.30	133.90	-3.54	6.73	-43.32	-28.19	-29.98	-4.57	12.43	1.66	4.82	5.66	-0.75	1.40
MRBLD1CB120_SIN		0.00	63.35	-148.66	19.00	270.06	41.32	59.49	37.36	-5.22	-16.70	73.38	-21.48	0.39	0.05	-3.02	-8.11
MRBLD1CB164_COS		-1958.72	-125.63	135.82	29.00	-42.78	9.26	1.26	37.64	-30.42	-11.40	8.88	0.30	5.66	4.74	10.97	-1.27
MRBLD1CB164_SIN		0.00	71.53	-52.70	17.70	110.25	27.72	16.21	1.07	-3.42	-29.15	77.55	-10.84	4.05	0.52	-12.53	16.96
MRBLD1FB42P75_COS		3130.03	234.39	-401.00	510.44	-151.98	-86.80	-90.01	-292.34	-106.89	-40.14	72.31	58.83	32.48	25.71	15.41	-57.88
MRBLD1FB42P75_SIN		0.00	50.15	-2.34	107.24	94.99	78.48	14.52	116.87	-98.20	-94.87	-90.80	39.02	9.32	9.10	76.81	-20.89
MRBLD1FB70_COS		417.66	1.76	-187.69	144.32	-56.87	-19.63	-8.61	-40.27	-1.79	3.85	-0.87	-0.42	-2.13	-4.70	-1.81	13.86
MRBLD1FB70_SIN		0.00	-204.80	20.38	28.45	19.51	6.37	5.21	28.66	-7.17	1.90	1.45	2.53	2.90	-0.24	-17.04	4.05
MRBLD1FB87_COS		-80.31	28.75	-156.89	43.10	-53.19	-23.43	-4.28	27.68	16.26	10.27	-8.21	-11.78	-4.84	-4.72	-6.17	7.19
MRBLD1FB87_SIN		0.00	-203.17	45.56	54.33	14.26	2.37	-2.28	-11.07	9.93	13.14	23.23	-8.47	-0.37	0.91	-13.66	4.41
MRBLD1FB120_COS		-482.28	28.67	-239.47	6.58	-18.52	1.11	12.29	58.97	3.74	-9.60	-5.88	2.76	4.30	5.93	5.69	-12.51
MRBLD1FB120_SIN		0.00	-252.33	89.50	125.23	35.60	0.35	-17.40	-44.18	10.94	-2.50	-11.85	0.61	-6.28	-4.39	19.77	-7.35
MRBLD1FB164_COS		-172.10	64.46	-344.05	60.68	151.06	66.14	6.04	-87.96	-7.37	10.29	1.94	-4.50	-3.09	-2.19	-1.11	4.58
MRBLD1FB164_SIN		0.00	-311.27	93.93	151.12	30.46	-24.76	13.72	49.35	-20.46	3.06	20.04	-4.82	-0.11	2.47	-8.14	4.32

RUN	POINT	Harmonics															
49	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.26	7.75	-196.57	23.66	115.76	47.90	-20.59	-85.89	15.24	18.09	-25.12	-19.84	8.96	11.65	3.47	-16.35
MRBLD1FB180_SIN		0.00	-214.69	60.17	72.57	15.98	-15.08	15.67	55.24	-20.18	-2.46	43.37	-11.71	-6.52	-10.69	19.21	-8.17
MRBLD1TOR51_COS		-1409.24	68.85	-19.84	75.80	-15.73	-22.25	4.57	-33.58	7.09	4.87	-7.97	-1.34	3.21	2.95	-1.68	0.79
MRBLD1TOR51_SIN		0.00	-77.72	8.82	30.19	9.87	1.15	6.73	48.27	-2.23	-6.35	-3.01	-6.16	0.23	0.39	3.76	-6.06
MRBLD1TOR71_COS		-259.35	86.26	-27.47	53.60	-4.26	-11.92	10.55	-16.88	6.20	1.87	-9.76	-1.77	2.56	3.62	-1.58	-0.14
MRBLD1TOR71_SIN		0.00	-76.35	3.97	12.09	-1.86	0.69	9.50	47.27	5.98	-1.55	2.30	-6.35	-0.86	-0.25	1.57	-3.33
MRBLD1TOR130_COS		-28.42	75.05	-6.34	30.83	11.84	-7.84	8.62	-16.65	4.49	2.68	4.49	-1.27	-0.20	-0.20	-3.73	-2.84
MRBLD1TOR130_SIN		0.00	-62.28	0.11	2.03	0.89	4.18	10.04	35.89	1.50	-1.17	4.68	9.27	3.19	0.83	-1.17	2.97
MRBLD1TOR164_COS		-219.41	38.65	49.03	4.90	-8.01	-16.14	-2.45	-1.85	5.59	3.62	-0.28	-0.55	1.30	2.91	-3.69	-3.08
MRBLD1TOR164_SIN		0.00	-22.46	-6.95	-23.29	-7.24	4.81	8.77	21.00	3.56	-0.44	5.43	5.56	2.77	0.58	0.74	-2.09
MRFBM1CB26P5_COS		-4769.26	-621.73	-30.67	80.26	1.02	-8.51	4.10	-15.73	0.55	-0.40	5.97	0.05	-0.07	0.80	-4.01	-0.69
MRFBM1CB26P5_SIN		0.00	-185.72	3.29	-19.23	-20.53	-13.09	-12.21	-6.00	-9.14	-3.44	-1.24	4.27	1.23	1.64	2.32	-2.82
MRFBM1FB9_COS		312.99	-18.36	152.40	-99.27	26.28	14.36	6.45	16.06	-1.62	-2.45	-4.58	0.66	0.23	0.53	2.07	-0.91
MRFBM1FB9_SIN		0.00	32.09	27.22	-81.31	-12.18	-1.73	5.31	5.68	6.22	1.92	1.22	-2.55	-1.32	-0.55	-0.63	1.76
MRFBM1TOR26P5_COS		-352.05	84.34	-0.69	0.39	-0.39	0.05	0.04	-0.11	0.14	0.00	-0.15	0.05	0.06	-0.03	0.23	0.08
MRFBM1TOR26P5_SIN		0.00	-101.06	0.21	0.12	0.01	-0.25	0.27	0.19	0.25	0.06	-0.07	-0.21	0.03	0.05	-0.04	0.05

RUN	POINT	Harmonics															
49	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1075.53	-1395.77	-57.48	257.73	-46.51	-56.04	-25.51	-126.89	14.10	21.28	29.32	7.08	0.89	-0.63	-24.95	-5.99
MRPC1CB33P25_SIN		0.00	-197.98	-20.85	11.91	68.97	-12.87	-4.01	5.56	-54.88	-14.72	-68.16	44.63	13.47	9.96	26.82	-20.34
MRPC1FB33P25_COS		2289.36	159.62	-346.15	396.71	-150.53	-93.81	-76.82	-272.67	-33.58	21.34	103.95	17.51	14.73	8.04	-61.06	-15.84
MRPC1FB33P25_SIN		0.00	210.61	-73.38	183.97	52.53	40.48	-22.78	-28.80	-124.13	-89.81	-28.28	65.31	28.88	26.98	60.29	-63.96
MRPC1TOR25P5_COS		-752.80	-46.42	-26.68	-71.43	7.62	11.14	-13.42	21.82	-8.92	-1.93	15.20	2.65	-4.89	-2.27	-13.30	-8.23
MRPC1TOR25P5_SIN		0.00	133.50	-58.56	-6.21	-2.76	3.92	-7.31	-56.34	-5.85	4.26	-2.30	17.45	0.70	2.21	1.23	-1.39
MRPLK1LOAD_COS		-83.80	1.73	0.13	-9.03	1.71	2.13	-1.36	4.47	-0.96	-0.28	2.35	-0.31	-0.75	-0.34	-2.46	-1.44
MRPLK1LOAD_SIN		0.00	-12.14	-3.30	-2.52	-0.83	0.79	-1.29	-7.09	-0.48	0.23	0.48	2.36	-0.15	-0.02	-0.67	0.03
PITCHRH_COS		10022.02	-8610.75	-375.75	-55.60	-19.32	-516.94	-18.17	-47.29	41.28	-56.84	58.57	-95.53	23.77	35.54	-14.23	-364.19
PITCHRH_SIN		0.00	2530.26	-654.14	62.02	-71.67	401.48	107.38	115.45	-6.82	-106.19	-198.44	22.80	5.09	73.84	11.07	269.73
ROLLRH_COS		1097.57	-2177.03	724.58	-11.50	-100.35	-785.10	-96.06	-54.30	122.53	85.11	311.51	-60.12	-22.15	40.00	-28.37	-649.70
ROLLRH_SIN		0.00	-8237.89	-505.35	-8.58	118.93	91.45	-173.47	-28.90	37.08	-54.91	-26.72	-65.06	15.24	-67.89	-14.78	-351.92
TORQ_COS		31375.57	397.23	10.44	12.89	-68.85	69.66	-4.85	21.10	-19.28	0.63	1.71	0.97	2.82	-2.86	-3.42	3.97
TORQ_SIN		0.00	674.30	-18.25	7.24	-101.90	68.69	3.20	22.53	2.04	-7.30	1.05	3.63	-5.22	4.89	-8.94	-17.54
THRUST_COS		5779.16	-62.21	4.47	11.46	12.40	39.44	2.05	19.56	-1.93	-4.39	-25.41	3.07	0.77	-2.40	0.87	16.92
THRUST_SIN		0.00	-50.15	9.47	2.28	35.84	-36.62	6.28	7.89	0.53	2.51	22.61	-4.72	1.37	-1.40	-5.39	38.92

RUN	POINT	Harmonics															
49	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.36	32.88	-18.40	-3.34	-18.58	54.34	10.99	-1.05	-2.34	-3.99	-12.94	3.07	0.83	-1.32	0.34	18.90
SIDERH_SIN		0.00	168.68	12.86	3.34	-58.40	-59.68	9.20	0.41	-0.54	3.50	1.27	3.82	-0.54	2.26	0.03	10.17
DRAGRH_COS		-190.42	224.24	10.23	-2.30	-10.46	29.23	-18.25	-0.35	0.10	0.73	2.49	6.36	-1.55	-2.27	-0.01	16.21
DRAGRH_SIN		0.00	-63.05	16.75	0.37	8.00	38.73	-27.73	1.70	5.09	5.91	10.71	-4.97	-0.52	-1.75	-1.36	-11.74

RUN	POINT	Harmonics															
49	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.66	0.21	-0.31	-3.14	-2.68	-0.76	0.07	0.69	0.32	0.02	0.04	0.16	0.22	0.08	0.15	-0.05
ACT1FORCE_SIN		0.00	10.16	1.81	0.75	0.37	-0.87	-0.64	-0.34	0.06	0.11	-0.12	0.09	0.03	-0.10	-0.01	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.75	-13.92	-2.90	30.11	25.15	7.36	0.06	0.03	0.02	0.00	0.02	0.02	0.01	-0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-78.79	-12.50	-5.99	-4.30	7.20	9.39	-0.08	-0.03	-0.01	-0.04	-0.01	0.01	0.00	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.96	13.99	2.94	-30.14	-25.21	-7.41	-0.10	-0.04	-0.02	0.01	0.00	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	78.93	12.55	6.05	4.36	-7.19	-9.41	0.06	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.02
MRBLD1CB42P75_COS		-4076.59	-1386.99	30.62	234.98	-54.61	-65.49	-37.83	-131.38	29.68	35.98	34.11	-4.24	-12.54	-10.82	-36.67	-7.47
MRBLD1CB42P75_SIN		0.00	-138.03	-44.37	58.54	159.51	-19.77	20.38	35.51	-50.55	4.44	-89.91	53.56	13.90	9.68	34.68	-22.70

RUN	POINT	Harmonics															
49	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2743.17	-865.78	294.04	137.36	-31.82	-32.71	-60.03	-88.48	20.81	34.97	10.40	2.79	-6.22	-4.45	-25.42	-4.85
MRBLD1CB70_SIN		0.00	-63.87	-64.27	95.32	292.79	6.70	66.84	54.52	-27.20	8.27	-73.65	28.26	8.83	5.45	27.23	-23.81
MRBLD1CB120_COS		-550.66	-363.55	424.84	136.83	-14.80	22.26	-49.51	-28.28	-29.00	-4.19	6.00	6.63	7.52	7.79	-0.54	2.67
MRBLD1CB120_SIN		0.00	84.48	-146.67	11.21	273.61	25.43	76.72	41.54	1.54	-13.10	59.41	-18.27	1.92	0.96	-4.20	-9.10
MRBLD1CB164_COS		-1960.70	-117.89	138.43	28.74	-46.82	16.61	-2.87	33.75	-28.71	-12.38	4.89	3.89	7.90	4.50	15.54	-2.94
MRBLD1CB164_SIN		0.00	76.87	-53.14	15.05	112.58	20.79	21.37	-1.54	1.13	-25.59	64.61	-6.84	5.31	0.38	-12.93	20.93
MRBLD1FB42P75_COS		3150.74	197.91	-396.53	501.41	-136.47	-96.21	-80.98	-268.30	-103.59	-31.26	89.97	50.18	25.90	18.82	9.09	-69.28
MRBLD1FB42P75_SIN		0.00	33.18	-11.48	103.37	127.74	87.69	23.40	138.20	-85.79	-85.55	-78.17	47.17	15.52	17.83	96.15	-27.23
MRBLD1FB70_COS		419.88	4.56	-186.99	141.36	-53.08	-22.00	-6.84	-36.29	-2.65	3.14	-1.37	-1.44	-2.50	-3.86	-0.28	16.25
MRBLD1FB70_SIN		0.00	-200.59	16.99	25.88	28.57	7.35	7.67	32.53	-5.58	2.60	1.97	2.07	1.73	-2.03	-20.75	5.59
MRBLD1FB87_COS		-80.04	31.04	-157.21	41.37	-51.60	-24.32	-3.97	26.08	16.03	8.94	-12.56	-9.36	-3.45	-3.73	-5.07	9.69
MRBLD1FB87_SIN		0.00	-199.75	44.29	53.65	17.29	1.70	-3.27	-13.17	8.18	11.38	20.41	-9.80	-1.72	-1.24	-18.36	5.43
MRBLD1FB120_COS		-484.00	29.11	-241.48	3.38	-20.21	0.80	9.53	52.59	4.31	-9.22	-3.91	2.31	4.24	5.06	4.13	-16.32
MRBLD1FB120_SIN		0.00	-249.55	88.46	128.06	32.88	0.54	-19.85	-48.86	9.34	-2.38	-11.03	1.54	-4.54	-1.10	26.98	-8.77
MRBLD1FB164_COS		-169.04	63.85	-341.41	55.50	144.27	73.39	6.21	-80.70	-9.64	8.70	-0.02	-2.54	-1.78	-0.95	-0.11	6.74
MRBLD1FB164_SIN		0.00	-311.85	92.00	156.86	16.10	-22.09	16.35	57.46	-19.09	2.33	18.47	-5.09	-0.40	1.41	-12.09	4.87

RUN	POINT	Harmonics															
49	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.35	6.46	-194.82	20.81	111.59	50.82	-19.82	-78.35	12.32	13.59	-32.91	-10.19	13.91	12.46	2.43	-19.96
MRBLD1FB180_SIN		0.00	-214.96	59.54	76.24	8.25	-13.88	19.26	62.90	-19.45	-4.45	40.52	-9.80	-3.50	-5.84	30.27	-8.60
MRBLD1TOR51_COS		-1408.17	71.44	-19.46	75.25	-13.35	-20.27	5.97	-27.50	7.79	4.80	-9.31	-0.67	3.38	2.38	-3.83	0.56
MRBLD1TOR51_SIN		0.00	-75.02	8.43	27.46	13.48	3.03	8.05	50.63	-1.73	-5.96	-2.64	-4.46	1.44	1.35	5.64	-7.43
MRBLD1TOR71_COS		-257.83	87.29	-27.82	53.43	-1.97	-9.95	11.70	-12.17	6.89	1.77	-11.35	-0.54	3.25	3.49	-2.89	-0.19
MRBLD1TOR71_SIN		0.00	-74.92	3.70	9.93	0.43	2.83	10.11	48.13	6.03	-1.71	1.29	-4.94	0.13	0.51	2.64	-4.04
MRBLD1TOR130_COS		-27.18	76.09	-7.18	30.49	13.21	-5.03	9.57	-13.11	4.40	2.40	3.69	-1.88	-0.52	-0.60	-3.63	-2.95
MRBLD1TOR130_SIN		0.00	-60.85	0.61	0.75	0.66	5.95	11.11	37.47	2.40	-0.13	5.89	8.82	2.93	0.62	-1.81	3.79
MRBLD1TOR164_COS		-219.41	39.92	47.77	5.38	-7.38	-15.52	-1.02	-0.25	5.18	3.02	-0.83	0.11	1.60	2.57	-4.67	-3.37
MRBLD1TOR164_SIN		0.00	-21.34	-5.87	-24.29	-5.67	4.49	9.63	21.45	3.75	-0.49	4.94	5.88	3.18	0.90	0.50	-2.01
MRFBM1CB26P5_COS		-4796.83	-558.61	-26.82	80.68	1.85	-10.11	4.96	-14.21	0.26	-0.04	7.43	-0.42	-0.24	-0.42	-4.54	-1.15
MRFBM1CB26P5_SIN		0.00	-125.58	1.76	-20.13	-20.42	-11.90	-14.02	-4.50	-9.65	-3.24	0.19	3.97	1.10	1.21	2.15	-3.48
MRFBM1FB9_COS		327.40	-78.61	148.54	-97.27	26.31	15.02	6.80	15.82	-1.11	-2.32	-4.30	1.05	0.51	0.75	2.68	-1.09
MRFBM1FB9_SIN		0.00	18.91	29.59	-79.36	-16.04	-1.53	4.39	3.72	5.63	1.51	0.05	-2.26	-1.06	-0.44	-0.59	1.93
MRFBM1TOR26P5_COS		-352.05	83.95	-0.73	0.36	-0.37	0.08	0.06	-0.09	0.15	-0.01	-0.16	0.04	0.05	-0.02	0.24	0.08
MRFBM1TOR26P5_SIN		0.00	-101.53	0.17	0.07	0.02	-0.29	0.28	0.20	0.23	0.05	-0.07	-0.18	0.02	0.07	0.00	0.04

RUN	POINT	Harmonics															
49	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1114.54	-1283.96	-46.87	258.80	-49.41	-58.39	-22.90	-117.71	10.83	21.68	38.14	-1.08	-4.99	-6.26	-33.39	-7.23
MRPC1CB33P25_SIN		0.00	-105.66	-20.95	7.97	75.49	-15.23	-1.85	17.12	-54.07	-12.70	-50.21	42.46	12.68	10.25	30.59	-25.39
MRPC1FB33P25_COS		2308.21	127.24	-339.01	390.25	-146.30	-103.36	-72.47	-262.61	-37.23	22.88	110.05	6.56	6.22	-2.95	-81.30	-16.77
MRPC1FB33P25_SIN		0.00	193.48	-81.78	178.71	82.69	44.63	-11.50	-1.47	-112.51	-78.43	-8.30	65.82	29.07	27.54	66.65	-77.52
MRPC1TOR25P5_COS		-754.23	-52.80	-23.57	-71.67	4.39	9.54	-14.60	16.28	-10.29	-1.32	17.50	0.63	-5.78	-2.82	-13.57	-7.74
MRPC1TOR25P5_SIN		0.00	130.59	-60.48	-3.18	-5.78	0.66	-7.66	-57.44	-5.49	4.62	0.01	15.10	-0.53	0.67	-1.33	-1.51
MRPLK1LOAD_COS		-84.04	1.69	0.12	-8.94	1.27	1.87	-1.54	3.63	-1.12	-0.23	2.63	-0.45	-0.79	-0.41	-2.47	-1.37
MRPLK1LOAD_SIN		0.00	-12.37	-3.31	-2.11	-1.27	0.52	-1.45	-7.27	-0.43	0.26	0.70	2.04	-0.35	-0.17	-1.16	0.18
PITCHRH_COS		11015.15	-8620.59	-393.58	-61.50	-22.58	-432.88	-107.93	-61.91	45.69	-58.13	65.25	-76.51	13.68	2.20	-27.12	-345.66
PITCHRH_SIN		0.00	2562.67	-655.28	70.24	-85.12	548.37	64.97	93.61	23.20	-109.01	-171.56	43.69	-16.91	107.42	-2.42	259.42
ROLLRH_COS		1389.70	-2194.38	728.12	-25.15	-107.60	-978.08	-169.38	-31.51	117.83	117.34	311.49	-63.76	-4.59	40.11	-32.50	-628.92
ROLLRH_SIN		0.00	-8201.22	-509.60	-4.21	107.95	138.03	-191.19	-40.68	32.28	-44.79	-4.29	-47.71	-2.20	-35.69	-17.68	-386.66
TORQ_COS		30801.30	401.16	4.67	9.53	-53.12	65.36	-1.96	13.38	-19.75	0.78	-5.33	0.54	0.90	-0.60	-2.81	7.72
TORQ_SIN		0.00	717.14	-24.63	7.54	-94.98	73.03	2.80	19.63	7.91	-6.90	-0.90	1.74	-6.37	6.92	-9.98	-20.57
THRUST_COS		5831.72	-61.53	4.74	11.64	11.05	41.87	2.25	14.71	-1.88	-4.31	-31.52	1.54	0.28	-0.55	1.47	14.91
THRUST_SIN		0.00	-51.07	9.08	3.25	34.70	-37.09	6.53	7.56	-1.64	2.22	18.91	-4.47	2.27	-2.63	-5.80	37.47

RUN	POINT	Harmonics															
49	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.58	33.60	-19.50	-3.62	-16.84	56.75	9.47	-0.59	-1.83	-5.35	-12.81	3.45	0.24	-1.37	0.55	18.48
SIDERH_SIN		0.00	158.84	13.43	3.77	-57.43	-76.73	11.35	0.23	-1.12	3.10	0.30	2.81	0.15	1.08	-0.02	11.10
DRAGRH_COS		-182.10	223.55	11.34	-2.46	-9.57	32.01	-14.30	-0.64	-1.25	0.60	2.70	4.73	0.38	-0.86	0.64	14.95
DRAGRH_SIN		0.00	-63.32	16.98	-0.18	8.45	52.79	-21.56	-0.10	3.78	6.01	9.46	-5.72	1.00	-3.62	-0.99	-11.24

RUN	POINT	Harmonics															
49	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.34	-9.48	-1.14	3.05	-0.26	-0.70	0.52	-0.28	-0.21	0.07	-0.03	0.07	-0.22	-0.10	-0.03	0.03
ACT1FORCE_SIN		0.00	3.64	-1.27	1.00	2.66	-0.75	-0.25	0.71	-0.18	0.03	-0.20	0.19	0.13	0.08	-0.17	0.06
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.19	69.04	11.39	-29.32	2.25	6.47	-6.95	-0.27	0.02	0.00	0.02	0.02	-0.02	0.01	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-38.92	6.63	-10.80	-24.61	5.35	4.60	-0.06	-0.05	0.04	-0.05	0.02	0.01	-0.02	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.52	-69.13	-11.46	29.39	-2.17	-6.53	6.95	0.30	-0.02	0.00	-0.01	-0.02	0.02	0.00	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	39.07	-6.62	10.74	24.68	-5.32	-4.66	0.07	0.07	-0.04	0.04	-0.01	-0.01	0.02	-0.01	0.01
MRBLD1CB42P75_COS		-3995.78	-226.26	59.54	-154.09	141.86	-62.45	-24.30	82.42	-42.99	12.20	-3.36	-39.02	-21.41	1.85	39.56	-13.83
MRBLD1CB42P75_SIN		0.00	-1602.82	13.75	-182.63	75.60	0.24	-25.75	-126.44	36.80	-35.61	-110.46	44.48	-12.73	-13.83	36.36	-18.51

RUN	POINT	Harmonics															
49	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2776.59	-162.80	-148.18	-53.79	289.71	-30.73	-69.01	34.93	-27.62	15.21	-11.74	-18.87	-11.74	-3.03	30.40	-13.58
MRBLD1CB70_SIN		0.00	-989.89	215.52	-157.11	78.75	33.47	-22.72	-108.39	20.65	-35.37	-77.78	28.13	-5.03	-5.74	23.13	-21.95
MRBLD1CB120_COS		-558.49	-176.49	-211.25	-94.23	271.72	20.46	-73.08	-8.86	27.35	-21.60	27.51	17.78	0.20	-5.56	-3.35	-0.43
MRBLD1CB120_SIN		0.00	-375.07	366.04	-85.87	62.14	43.35	-6.86	-52.67	15.18	7.25	60.02	-11.10	5.33	-1.53	0.94	-9.05
MRBLD1CB164_COS		-1961.38	-104.35	-67.88	-9.22	102.49	13.60	-17.71	-27.51	26.45	-35.25	24.18	9.44	-5.88	-0.72	-16.19	4.64
MRBLD1CB164_SIN		0.00	-99.04	124.94	-31.95	64.14	28.06	9.45	24.62	11.92	12.67	59.51	-5.14	2.18	-1.02	-15.81	20.05
MRBLD1FB42P75_COS		3120.33	22.64	335.08	-340.69	55.44	-74.38	-38.04	103.45	78.30	-95.14	23.40	19.00	-34.82	-34.06	103.55	-70.13
MRBLD1FB42P75_SIN		0.00	262.51	-277.96	-402.22	148.57	72.94	-71.89	-309.14	127.53	48.07	-116.11	67.04	32.19	-19.16	-20.65	-6.29
MRBLD1FB70_COS		419.79	191.36	142.07	-93.14	6.30	-19.23	-6.36	6.39	2.04	1.61	-0.23	-2.60	-0.91	6.45	-22.09	16.05
MRBLD1FB70_SIN		0.00	-67.65	-142.85	-115.24	55.17	5.67	-6.57	-52.34	7.78	-2.72	1.49	1.53	-4.48	1.35	2.91	0.47
MRBLD1FB87_COS		-75.99	198.94	97.08	-0.25	3.04	-23.02	-1.36	-9.22	-13.31	12.99	2.18	-2.66	5.13	6.65	-19.07	10.57
MRBLD1FB87_SIN		0.00	-39.90	-135.55	-78.41	51.81	5.28	-5.55	29.26	-14.80	-11.43	25.67	-14.05	-5.07	0.87	6.50	2.93
MRBLD1FB120_COS		-475.32	243.11	133.08	67.61	32.10	0.59	16.27	-6.56	-2.77	-1.80	-9.27	0.95	0.83	-9.24	27.51	-17.59
MRBLD1FB120_SIN		0.00	-56.60	-217.77	-119.57	24.07	3.64	3.02	76.69	-11.62	8.28	-9.22	2.25	7.44	2.02	-6.46	-5.02
MRBLD1FB164_COS		-168.23	305.43	218.46	32.98	64.94	66.56	-5.69	19.84	3.02	2.08	8.96	0.03	3.91	3.46	-12.06	9.06
MRBLD1FB164_SIN		0.00	-41.67	-296.84	-167.49	-135.10	-30.39	14.79	-101.08	20.76	-9.10	18.52	-5.33	-2.16	-0.98	0.29	3.01

RUN	POINT	Harmonics															
49	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.91	199.57	119.75	16.73	42.49	51.65	-17.73	16.27	-17.94	-1.63	-6.62	-9.44	1.45	-15.25	28.20	-24.45
MRBLD1FB180_SIN		0.00	-60.01	-174.85	-76.75	-106.65	-20.21	-7.70	-103.54	10.32	-21.34	49.23	-23.69	6.18	6.61	-3.58	-4.64
MRBLD1TOR51_COS		-1411.01	96.19	17.59	-42.47	3.77	-22.96	0.09	-12.30	-4.16	-4.75	-7.59	3.51	-1.15	-2.79	5.33	-1.84
MRBLD1TOR51_SIN		0.00	35.82	-24.22	-67.10	15.92	-1.18	3.62	-61.26	-2.24	-5.41	-0.25	-5.48	2.06	-1.16	3.54	-9.18
MRBLD1TOR71_COS		-259.66	99.44	24.47	-34.97	-5.03	-13.17	-0.44	-22.77	-1.30	-0.29	-7.95	2.73	0.59	-3.70	1.70	-1.48
MRBLD1TOR71_SIN		0.00	54.10	-23.81	-38.67	2.97	-2.33	10.04	-47.09	-9.52	-2.54	5.54	-6.40	2.22	-0.46	2.49	-5.27
MRBLD1TOR130_COS		-28.27	82.69	8.97	-24.18	1.98	-8.37	-2.43	-15.09	-1.64	-0.57	5.53	-8.75	-3.87	0.17	-1.99	-1.69
MRBLD1TOR130_SIN		0.00	48.71	-6.01	-16.90	-11.29	1.86	9.89	-39.01	-4.03	-2.78	2.55	4.96	-2.33	-1.76	3.40	5.29
MRBLD1TOR164_COS		-219.57	34.36	-33.74	-17.59	-9.57	-15.68	-6.90	-13.70	-3.54	0.08	1.53	-5.15	-3.70	-3.08	1.36	-2.85
MRBLD1TOR164_SIN		0.00	28.14	37.19	19.02	5.16	3.91	0.50	-16.39	-5.94	-4.49	5.19	2.89	-0.56	-2.51	4.08	0.62
MRFBM1CB26P5_COS		-4745.55	-10.18	41.14	-78.57	-23.50	-10.93	13.27	14.40	-3.05	-3.70	4.40	-1.93	-1.98	0.25	3.03	-1.35
MRFBM1CB26P5_SIN		0.00	-694.18	-37.17	-27.02	-5.25	-11.50	-2.06	-7.89	8.48	0.49	-4.76	2.87	-0.67	-2.46	5.16	-2.71
MRFBM1FB9_COS		299.45	-28.83	-154.67	28.91	-7.77	12.99	-1.95	-15.68	3.09	2.07	-4.16	2.14	1.46	-0.63	-1.07	-0.54
MRFBM1FB9_SIN		0.00	32.52	91.41	128.01	-25.43	-2.54	7.78	8.62	-5.61	2.16	2.86	-1.45	1.09	0.89	-2.87	2.17
MRFBM1TOR26P5_COS		-352.54	123.43	0.53	-0.38	-0.06	-0.02	-0.19	-0.07	-0.03	0.07	-0.11	0.21	0.00	0.06	0.02	0.07
MRFBM1TOR26P5_SIN		0.00	45.97	0.04	-0.36	0.32	-0.31	0.10	-0.23	-0.28	0.00	0.02	-0.08	0.04	-0.02	-0.23	-0.01

RUN	POINT	Harmonics															
49	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1043.75	-244.41	100.23	-203.59	52.23	-54.24	-2.79	81.16	-26.73	-11.14	10.24	-26.39	-20.12	-0.80	36.08	-13.08
MRPC1CB33P25_SIN		0.00	-1463.17	-55.17	-153.30	57.03	-5.05	-21.73	-102.88	47.65	-20.71	-73.23	35.69	-6.52	-14.95	33.30	-21.29
MRPC1FB33P25_COS		2279.28	-154.64	335.94	-202.93	21.04	-82.03	-3.88	205.46	-1.37	-94.09	82.12	-29.33	-45.61	-6.84	81.00	-35.12
MRPC1FB33P25_SIN		0.00	243.15	-180.96	-394.37	140.80	40.88	-70.47	-197.23	131.71	-15.72	-73.46	60.12	-2.51	-39.74	80.69	-65.53
MRPC1TOR25P5_COS		-751.31	-140.77	50.13	53.04	2.39	13.01	-4.12	26.48	3.17	2.63	12.89	-12.03	-0.89	1.39	0.27	-7.19
MRPC1TOR25P5_SIN		0.00	6.02	31.58	43.25	-7.00	8.82	-10.55	56.94	10.93	2.25	-6.96	13.90	-4.09	-3.46	13.05	5.32
MRPLK1LOAD_COS		-83.49	11.88	1.21	5.62	-0.01	2.45	-0.15	2.20	0.28	0.05	2.19	-2.15	0.03	0.13	-1.15	-1.10
MRPLK1LOAD_SIN		0.00	-2.20	3.41	7.19	-1.74	1.33	-1.22	8.53	1.05	0.31	-0.36	1.32	-0.47	-0.22	2.33	1.16
PITCHRH_COS		9411.51	-5283.40	716.16	91.65	-80.31	-453.21	-109.84	-49.67	-25.76	-101.66	17.43	-41.76	-6.09	49.42	-10.68	-250.33
PITCHRH_SIN		0.00	-7273.33	201.08	-7.36	6.10	360.12	-12.68	-84.69	-68.50	52.46	-238.82	-52.09	16.63	-65.73	-11.09	396.46
ROLLRH_COS		905.44	7027.29	-211.53	-11.57	100.22	-742.79	131.99	50.90	-69.00	-40.13	309.09	18.72	17.63	-25.10	11.41	-757.56
ROLLRH_SIN		0.00	-4784.77	850.58	21.20	113.97	256.42	-176.72	-25.14	-46.57	-89.40	-121.12	-53.37	-13.01	-45.47	15.06	-83.01
TORQ_COS		31800.07	-491.48	6.01	-2.73	-110.55	72.09	-4.56	-24.75	16.90	-7.32	3.58	-5.18	2.58	3.39	-8.53	-8.12
TORQ_SIN		0.00	614.31	17.45	-13.04	47.38	49.05	1.72	1.71	6.10	1.37	3.27	4.81	10.05	-7.12	2.32	-17.08
THRUST_COS		5741.45	26.08	-8.88	-10.25	37.15	33.80	-3.87	-12.55	0.39	1.71	-17.04	1.10	-2.45	-0.66	-12.64	28.22
THRUST_SIN		0.00	-75.78	-4.05	-8.47	-4.13	-34.29	2.25	8.53	2.45	3.39	35.63	0.66	-0.27	2.53	-0.38	34.08

RUN	POINT	Harmonics															
49	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.98	-146.76	5.56	7.90	-61.27	35.36	-3.44	-0.29	0.42	2.69	-13.01	-1.08	-0.64	0.65	-0.65	21.77
SIDERH_SIN		0.00	82.60	-21.43	-2.12	2.35	-70.62	10.34	0.16	0.95	4.13	4.80	3.03	0.78	1.42	-0.05	2.28
DRAGRH_COS		-195.70	133.87	-18.80	1.67	2.11	48.41	14.83	-0.04	3.30	4.83	3.84	4.79	0.66	-0.63	-0.25	11.10
DRAGRH_SIN		0.00	190.12	-5.30	1.23	13.16	35.26	-21.96	-0.82	-1.79	-1.05	10.11	1.24	-2.15	3.03	1.64	-17.94

RUN	POINT	Harmonics															
49	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.54	0.18	0.00	-3.12	-2.60	-0.58	0.06	0.76	0.27	-0.01	0.04	0.16	0.23	0.09	0.16	0.00
ACT1FORCE_SIN		0.00	10.24	1.67	0.59	0.38	-0.92	-0.63	-0.26	0.08	0.13	-0.15	0.08	0.07	-0.12	0.02	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.24	-13.69	-4.84	30.04	24.57	5.17	0.45	0.07	0.04	-0.02	0.01	0.03	0.02	0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-79.26	-12.04	-4.66	-4.19	6.78	9.02	-0.06	-0.01	-0.01	-0.04	-0.02	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.47	13.76	4.89	-30.07	-24.63	-5.21	-0.48	-0.08	-0.04	0.02	0.00	-0.02	-0.01	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	79.41	12.09	4.72	4.24	-6.76	-9.05	0.05	0.00	0.00	0.03	0.02	-0.01	-0.01	-0.01	0.01
MRBLD1CB42P75_COS		-4043.07	-1458.62	-13.70	224.90	-53.82	-73.65	-39.42	-141.40	32.88	34.86	35.13	-4.16	-7.97	-6.78	-34.26	-10.89
MRBLD1CB42P75_SIN		0.00	-187.78	-39.07	66.62	155.60	-10.81	11.63	9.25	-47.05	6.08	-90.61	54.90	13.51	7.94	37.32	-26.73

RUN	POINT	Harmonics															
49	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.43	-907.75	268.81	124.96	-33.57	-59.06	-56.22	-98.40	24.18	33.23	12.92	2.37	-4.14	-2.13	-22.77	-8.73
MRBLD1CB70_SIN		0.00	-82.83	-66.84	103.32	295.99	18.49	57.98	34.89	-26.54	8.85	-69.90	29.21	7.74	3.61	30.56	-26.38
MRBLD1CB120_COS		-562.08	-380.37	410.90	122.58	-14.39	-9.68	-44.35	-34.85	-26.89	-2.91	4.26	7.51	6.26	6.33	-1.49	2.66
MRBLD1CB120_SIN		0.00	88.75	-151.20	23.36	277.84	35.51	71.29	32.67	-2.89	-16.32	59.46	-19.00	1.75	1.28	-3.22	-9.09
MRBLD1CB164_COS		-1962.95	-121.40	135.22	23.17	-46.11	1.66	-1.10	33.17	-29.92	-9.56	3.83	4.95	7.44	4.02	14.97	-0.86
MRBLD1CB164_SIN		0.00	78.57	-54.66	20.02	113.77	23.79	23.51	3.19	-1.68	-27.47	60.92	-7.94	5.72	1.36	-16.23	21.99
MRBLD1FB42P75_COS		3143.14	215.44	-424.09	483.59	-113.43	-76.49	-95.15	-308.17	-99.01	-28.93	78.90	53.17	30.35	24.89	20.07	-77.03
MRBLD1FB42P75_SIN		0.00	37.53	2.16	133.58	111.93	81.21	6.92	98.20	-89.63	-94.45	-85.00	42.91	11.97	14.81	98.12	-26.75
MRBLD1FB70_COS		421.19	0.98	-198.57	134.44	-47.25	-18.13	-10.10	-43.62	-1.71	3.52	-0.81	-1.20	-2.54	-4.60	-2.49	17.73
MRBLD1FB70_SIN		0.00	-204.65	22.42	36.01	24.51	6.87	4.24	25.24	-6.03	2.00	1.98	2.31	2.25	-1.24	-20.97	5.71
MRBLD1FB87_COS		-77.37	29.34	-162.52	38.01	-48.83	-22.90	-3.65	29.70	15.63	8.63	-10.39	-10.09	-4.52	-4.87	-7.32	11.27
MRBLD1FB87_SIN		0.00	-204.61	46.42	58.17	15.94	1.63	-2.18	-9.59	8.89	13.04	21.60	-9.47	-1.27	-0.70	-18.94	5.00
MRBLD1FB120_COS		-479.41	28.04	-245.47	1.38	-20.79	-0.36	12.81	62.65	2.81	-9.44	-4.58	2.66	5.03	6.72	7.73	-18.56
MRBLD1FB120_SIN		0.00	-255.26	90.58	129.31	34.40	-0.36	-15.10	-38.37	10.31	-1.81	-10.75	2.12	-4.31	-1.37	27.68	-8.58
MRBLD1FB164_COS		-166.11	62.92	-354.30	55.51	137.92	66.41	5.15	-92.35	-6.67	10.30	1.05	-2.87	-2.21	-1.76	-1.71	8.47
MRBLD1FB164_SIN		0.00	-313.77	98.20	156.97	20.62	-25.57	12.46	40.95	-19.84	1.06	18.36	-5.72	-0.82	0.94	-12.18	5.01

RUN	POINT	Harmonics															
49	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.57	8.24	-202.22	23.68	108.35	48.63	-20.99	-89.36	15.68	16.47	-28.01	-13.23	12.55	14.44	6.93	-24.15
MRBLD1FB180_SIN		0.00	-216.31	62.79	74.50	9.05	-15.81	13.44	47.40	-19.48	-3.59	39.92	-11.04	-2.89	-6.07	29.23	-9.82
MRBLD1TOR51_COS		-1408.31	69.77	-26.26	71.99	-12.79	-23.94	1.58	-36.25	7.61	5.40	-8.32	-0.66	3.13	2.84	-2.84	0.13
MRBLD1TOR51_SIN		0.00	-76.20	9.14	30.69	11.47	1.32	2.87	42.71	-1.13	-5.58	-2.72	-5.29	1.05	1.63	6.30	-8.50
MRBLD1TOR71_COS		-257.99	86.30	-32.53	51.28	-2.04	-13.38	7.82	-19.32	6.46	2.05	-10.57	-0.85	2.82	3.64	-2.32	-0.29
MRBLD1TOR71_SIN		0.00	-75.63	4.10	11.88	-1.04	0.95	6.26	43.32	6.54	-1.17	1.51	-5.66	-0.31	0.64	2.94	-4.75
MRBLD1TOR130_COS		-27.18	75.40	-10.09	29.59	12.28	-8.71	6.76	-18.91	4.56	3.17	3.94	-1.59	0.20	-0.20	-3.82	-2.75
MRBLD1TOR130_SIN		0.00	-61.31	0.43	1.44	0.04	4.36	8.11	32.71	2.43	-0.49	5.12	8.91	2.93	0.40	-2.25	3.81
MRBLD1TOR164_COS		-219.65	39.44	49.28	5.28	-6.40	-16.20	-2.80	-2.81	5.06	3.22	-0.63	-0.08	1.49	2.66	-4.60	-3.28
MRBLD1TOR164_SIN		0.00	-20.96	-7.03	-24.48	-5.99	4.53	7.86	20.25	3.86	-0.44	4.93	5.78	3.20	1.07	1.16	-1.82
MRFBM1CB26P5_COS		-4776.68	-594.58	-45.38	80.73	1.79	-6.83	3.58	-14.53	0.40	0.22	6.96	-0.05	0.23	0.09	-4.48	-0.73
MRFBM1CB26P5_SIN		0.00	-155.41	5.07	-18.73	-23.76	-11.48	-14.12	-6.69	-9.00	-3.24	-1.35	3.99	1.24	1.58	2.43	-3.84
MRFBM1FB9_COS		323.09	-46.44	171.62	-90.37	23.05	13.87	6.85	15.89	-1.51	-2.54	-4.45	0.90	0.26	0.58	2.69	-1.13
MRFBM1FB9_SIN		0.00	25.29	25.58	-85.76	-15.68	-2.22	5.68	7.01	5.52	1.54	0.30	-2.27	-1.23	-0.60	-0.96	2.32
MRFBM1TOR26P5_COS		-352.08	84.16	-0.73	0.39	-0.40	0.00	0.00	-0.15	0.16	0.00	-0.14	0.05	0.04	-0.02	0.25	0.06
MRFBM1TOR26P5_SIN		0.00	-101.43	0.19	0.10	0.02	-0.29	0.22	0.16	0.23	0.06	-0.05	-0.19	0.03	0.07	0.00	0.03

RUN	POINT	Harmonics															
49	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1083.86	-1347.52	-89.15	251.67	-46.78	-56.97	-26.67	-126.02	13.72	22.55	37.28	-0.09	-1.41	-2.71	-31.25	-9.56
MRPC1CB33P25_SIN		0.00	-149.28	-12.56	15.72	68.42	-10.00	-8.05	-5.03	-51.54	-12.42	-53.17	42.99	12.45	9.66	33.70	-28.96
MRPC1FB33P25_COS		2300.91	143.65	-363.62	370.36	-124.03	-87.26	-77.33	-277.68	-31.43	29.06	105.47	10.83	11.39	3.25	-76.61	-20.90
MRPC1FB33P25_SIN		0.00	198.86	-73.81	201.33	75.80	45.50	-29.86	-49.44	-113.91	-84.02	-19.29	64.65	29.53	29.28	76.51	-84.52
MRPC1TOR25P5_COS		-753.81	-49.25	-18.23	-68.37	4.81	12.55	-9.43	24.83	-9.57	-1.74	16.10	0.30	-4.91	-2.45	-14.43	-7.90
MRPC1TOR25P5_SIN		0.00	130.94	-60.06	-5.39	-2.97	3.40	-3.38	-50.99	-6.18	3.66	-0.35	16.39	-0.44	0.31	-0.83	-0.62
MRPLK1LOAD_COS		-83.88	1.70	0.96	-8.55	1.30	2.39	-0.86	4.95	-1.11	-0.30	2.39	-0.52	-0.65	-0.38	-2.63	-1.25
MRPLK1LOAD_SIN		0.00	-12.22	-3.44	-2.58	-0.93	0.82	-0.72	-6.27	-0.52	0.20	0.58	2.23	-0.35	-0.29	-1.17	0.28
PITCHRH_COS		10466.70	-8614.82	-395.27	-53.94	-3.50	-421.28	-84.87	-80.77	63.27	-60.95	83.84	-84.88	11.11	-6.22	-28.03	-362.81
PITCHRH_SIN		0.00	2582.25	-648.56	73.56	-76.97	367.67	86.21	89.51	19.53	-111.76	-189.87	28.45	-13.72	113.57	-8.85	256.85
ROLLRH_COS		1252.26	-2160.01	725.79	-23.04	-123.12	-891.33	-141.58	-31.41	110.29	100.47	317.97	-54.90	-7.89	59.74	-60.51	-645.37
ROLLRH_SIN		0.00	-8232.30	-506.75	-7.38	118.95	244.52	-177.47	-44.25	53.26	-44.00	0.62	-60.97	4.11	-35.69	-31.83	-336.26
TORQ_COS		31178.09	425.41	3.61	10.55	-45.66	69.19	-4.36	16.37	-16.84	0.43	-2.74	1.10	4.10	-2.05	-2.04	3.44
TORQ_SIN		0.00	678.29	-20.51	13.35	-86.56	65.96	5.67	23.28	5.28	-6.56	5.14	3.75	-3.23	5.42	-8.47	-14.62
THRUST_COS		5810.79	-61.55	4.62	13.32	9.64	35.57	2.41	17.77	-2.92	-5.05	-30.44	2.31	0.50	-0.14	3.09	17.27
THRUST_SIN		0.00	-49.24	9.23	2.53	31.88	-36.32	5.30	10.76	-1.94	2.73	24.56	-4.30	2.56	-3.24	-7.66	40.80

RUN	POINT	Harmonics															
49	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.37	24.03	-18.90	-4.04	-9.11	48.11	12.37	-0.79	-2.08	-4.68	-13.12	2.73	0.41	-2.03	1.32	18.75
SIDERH_SIN		0.00	168.62	12.85	3.39	-58.07	-77.11	9.51	0.52	-1.32	2.81	0.12	3.42	-0.05	1.13	0.57	9.66
DRAGRH_COS		-186.16	224.88	10.94	-2.89	-10.68	47.29	-15.65	-0.31	-1.82	1.85	1.58	5.19	-0.53	-0.86	0.58	16.03
DRAGRH_SIN		0.00	-62.63	16.94	0.24	5.38	55.32	-25.83	-0.39	4.40	5.71	9.65	-4.41	0.09	-4.15	-0.65	-11.01

RUN	POINT	Harmonics															
49	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.44	0.30	-0.08	-3.15	-2.55	-0.65	0.00	0.72	0.29	-0.01	0.03	0.16	0.23	0.09	0.15	-0.01
ACT1FORCE_SIN		0.00	9.97	1.78	0.76	0.39	-0.89	-0.66	-0.27	0.06	0.12	-0.15	0.08	0.04	-0.13	0.01	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.89	-13.69	-3.62	30.30	24.76	6.49	0.73	0.05	0.03	0.01	0.02	0.03	0.03	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-76.52	-13.21	-5.88	-3.65	6.82	9.09	-0.08	-0.02	-0.01	-0.04	-0.01	0.01	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.82	13.76	3.67	-30.33	-24.82	-6.54	-0.77	-0.06	-0.04	0.00	-0.01	-0.02	-0.03	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	76.66	13.26	5.94	3.70	-6.81	-9.12	0.06	0.00	0.01	0.03	0.01	-0.01	0.00	-0.02	0.00
MRBLD1CB42P75_COS		-4048.13	-1439.72	-2.76	229.73	-46.70	-65.78	-37.64	-142.13	35.96	38.73	21.33	11.29	-0.66	-2.22	-31.92	-5.63
MRBLD1CB42P75_SIN		0.00	-201.20	-51.78	65.20	160.87	-12.26	17.38	16.28	-53.52	0.06	-85.75	48.81	13.06	7.09	33.75	-26.73

RUN	POINT	Harmonics															
49	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2751.28	-894.44	273.39	127.90	-18.76	-40.05	-47.71	-95.70	25.26	36.69	3.74	11.05	0.11	-1.12	-23.28	-5.89
MRBLD1CB70_SIN		0.00	-101.73	-76.57	101.38	299.48	14.57	69.08	39.88	-33.17	1.99	-66.55	25.52	6.90	1.93	22.74	-26.99
MRBLD1CB120_COS		-558.72	-372.46	406.38	125.33	2.41	7.70	-33.73	-31.22	-33.30	-6.32	12.95	0.68	4.35	5.69	-1.37	1.89
MRBLD1CB120_SIN		0.00	67.87	-157.10	23.15	284.16	29.20	87.65	36.20	-3.02	-14.01	53.87	-17.48	0.95	1.13	-3.82	-8.59
MRBLD1CB164_COS		-1960.80	-119.21	132.36	24.64	-37.23	9.30	3.87	34.66	-33.24	-13.86	12.02	0.27	6.02	4.19	15.43	-1.90
MRBLD1CB164_SIN		0.00	71.42	-55.81	22.20	117.56	21.15	28.22	3.12	-0.60	-24.83	55.79	-8.05	4.63	0.26	-11.41	21.10
MRBLD1FB42P75_COS		3140.77	212.34	-415.92	506.51	-95.09	-90.03	-92.36	-306.08	-114.14	-36.44	66.10	55.96	33.09	25.77	15.20	-73.63
MRBLD1FB42P75_SIN		0.00	45.01	2.53	144.01	136.97	76.01	22.62	116.45	-87.16	-87.04	-86.72	26.40	3.76	7.46	93.11	-31.23
MRBLD1FB70_COS		420.40	-0.37	-194.42	141.95	-41.59	-20.79	-9.18	-42.65	-3.21	3.50	-0.59	-0.79	-2.75	-4.83	-1.68	16.97
MRBLD1FB70_SIN		0.00	-201.82	22.36	40.87	32.21	5.62	7.74	28.38	-6.32	1.90	2.28	2.87	3.09	-0.18	-20.30	6.46
MRBLD1FB87_COS		-77.38	27.40	-159.71	42.05	-46.55	-23.55	-3.94	29.48	17.10	9.22	-8.18	-11.28	-5.03	-4.86	-6.43	10.22
MRBLD1FB87_SIN		0.00	-200.12	47.72	62.18	19.24	2.08	-2.74	-11.21	8.46	11.59	20.67	-6.09	0.22	0.90	-17.67	5.98
MRBLD1FB120_COS		-478.96	26.02	-238.68	5.68	-19.23	1.45	11.03	61.40	5.25	-8.86	-5.08	3.13	5.02	6.20	6.11	-16.61
MRBLD1FB120_SIN		0.00	-246.74	92.92	134.26	31.73	1.16	-20.44	-43.25	9.84	-1.56	-9.99	0.39	-5.55	-3.19	26.47	-9.59
MRBLD1FB164_COS		-169.14	59.42	-342.61	61.10	132.25	66.57	5.21	-91.55	-10.24	9.40	2.51	-4.01	-3.40	-2.13	-1.23	7.04
MRBLD1FB164_SIN		0.00	-304.25	99.87	159.96	10.05	-21.11	18.57	49.36	-18.13	1.40	17.02	-3.79	-0.06	2.61	-11.50	5.48

RUN	POINT	Harmonics															
49	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.84	6.02	-194.74	25.61	103.60	47.80	-20.26	-87.00	14.13	15.23	-24.03	-16.04	10.43	12.09	4.03	-21.60
MRBLD1FB180_SIN		0.00	-210.55	63.46	75.22	2.90	-14.28	20.50	53.66	-21.15	-6.80	38.53	-4.95	-2.96	-8.19	28.83	-9.85
MRBLD1TOR51_COS		-1408.77	68.77	-26.21	73.03	-12.10	-21.34	4.46	-34.73	7.16	4.86	-8.17	-2.11	2.76	2.55	-3.47	0.11
MRBLD1TOR51_SIN		0.00	-76.61	8.55	30.63	12.07	0.49	5.60	45.66	-3.00	-6.82	-2.77	-4.54	0.54	0.50	5.35	-7.96
MRBLD1TOR71_COS		-257.83	85.23	-32.83	51.71	-2.01	-10.96	10.65	-17.56	6.68	2.00	-9.69	-2.71	2.16	3.38	-2.72	-0.51
MRBLD1TOR71_SIN		0.00	-75.46	3.93	11.60	-1.34	0.56	7.90	45.23	5.37	-1.90	1.76	-4.38	-0.35	-0.13	2.41	-4.25
MRBLD1TOR130_COS		-26.84	74.73	-10.41	29.77	11.92	-6.40	9.36	-17.64	4.21	2.99	3.91	-0.58	0.70	0.09	-3.53	-2.50
MRBLD1TOR130_SIN		0.00	-61.13	0.13	0.56	-0.97	4.22	9.35	34.50	1.58	-0.55	4.76	8.87	3.17	0.70	-2.10	3.60
MRBLD1TOR164_COS		-218.95	39.58	47.44	4.55	-6.24	-15.04	-0.79	-1.35	5.92	3.52	-0.25	0.38	2.19	3.11	-4.59	-3.18
MRBLD1TOR164_SIN		0.00	-22.33	-7.39	-25.47	-4.96	3.69	8.24	20.22	3.09	-0.67	4.71	5.60	2.98	0.80	0.77	-2.05
MRFBM1CB26P5_COS		-4779.00	-585.78	-40.60	81.85	0.14	-9.51	1.88	-15.63	0.46	-0.08	6.14	0.69	0.59	0.77	-4.01	-0.64
MRFBM1CB26P5_SIN		0.00	-158.84	0.32	-20.64	-24.09	-10.61	-15.12	-5.97	-8.55	-2.60	-1.39	3.41	1.22	1.60	3.50	-3.58
MRFBM1FB9_COS		317.14	-48.18	166.60	-95.52	22.20	14.58	7.72	16.34	-1.05	-2.35	-3.97	0.20	0.00	0.37	2.52	-1.36
MRFBM1FB9_SIN		0.00	31.79	27.42	-89.10	-19.46	-1.15	4.85	6.21	6.21	1.83	0.66	-2.25	-1.28	-0.61	-0.67	2.11
MRFBM1TOR26P5_COS		-351.95	83.99	-0.71	0.37	-0.42	0.05	0.04	-0.13	0.17	0.00	-0.13	0.03	0.03	-0.03	0.23	0.07
MRFBM1TOR26P5_SIN		0.00	-101.35	0.22	0.05	0.00	-0.31	0.26	0.18	0.21	0.04	-0.03	-0.19	0.01	0.07	-0.01	0.03

RUN	POINT	Harmonics															
49	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1086.99	-1330.78	-80.04	257.17	-44.13	-56.84	-27.65	-128.19	13.62	22.75	28.20	10.38	3.84	1.25	-29.32	-5.56
MRPC1CB33P25_SIN		0.00	-158.38	-24.28	13.80	73.87	-11.57	-4.13	1.42	-55.46	-15.12	-51.66	37.19	11.44	8.45	31.23	-28.79
MRPC1FB33P25_COS		2297.66	139.84	-357.71	387.23	-114.43	-95.92	-80.71	-283.53	-44.09	19.82	96.71	23.48	19.34	9.62	-75.48	-14.99
MRPC1FB33P25_SIN		0.00	204.88	-72.38	213.19	100.65	37.52	-15.91	-34.29	-118.82	-82.09	-27.22	54.53	25.79	25.64	69.37	-83.70
MRPC1TOR25P5_COS		-753.54	-48.62	-18.48	-69.66	4.71	10.24	-12.68	22.72	-9.43	-1.07	14.78	3.99	-3.40	-1.40	-13.16	-6.82
MRPC1TOR25P5_SIN		0.00	131.59	-59.66	-5.33	-3.18	4.05	-5.22	-53.54	-4.51	5.14	-0.51	14.58	0.67	1.66	-1.09	-1.21
MRPLK1LOAD_COS		-83.80	1.85	0.90	-8.72	1.17	2.06	-1.37	4.68	-1.02	-0.24	2.28	-0.05	-0.45	-0.20	-2.42	-1.20
MRPLK1LOAD_SIN		0.00	-12.10	-3.38	-2.53	-0.98	0.98	-1.05	-6.70	-0.27	0.44	0.52	2.08	-0.11	-0.05	-1.16	0.20
PITCHRH_COS		10502.68	-8631.08	-402.08	-56.19	-39.18	-298.09	-101.34	-54.44	51.99	-86.75	75.44	-86.99	10.93	2.81	-23.05	-364.46
PITCHRH_SIN		0.00	2611.90	-638.84	71.21	-60.75	407.53	141.09	93.61	1.03	-103.53	-182.52	44.98	-13.63	85.42	-14.84	281.12
ROLLRH_COS		1153.17	-2233.24	721.75	-34.60	-115.90	-908.69	-177.70	-44.63	127.61	95.92	319.19	-58.45	-16.34	59.82	-18.15	-666.95
ROLLRH_SIN		0.00	-8187.51	-508.47	-13.08	154.26	414.55	-158.87	-55.28	41.65	-37.59	-27.82	-53.67	-3.89	-6.05	-36.20	-358.06
TORQ_COS		31238.88	410.67	6.53	11.91	-65.03	62.55	-0.96	18.76	-21.52	-0.76	-1.44	0.73	6.29	-3.82	-5.09	0.40
TORQ_SIN		0.00	719.69	-19.78	13.48	-76.35	57.16	3.15	23.49	1.81	-8.63	1.98	4.73	-5.04	6.04	-8.44	-18.22
THRUST_COS		5795.79	-63.83	4.18	15.24	14.89	36.45	2.55	17.37	-1.76	-4.24	-29.49	2.69	1.27	-2.32	0.23	17.02
THRUST_SIN		0.00	-48.59	8.69	2.83	32.70	-32.80	5.89	9.30	-0.89	2.95	24.94	-4.53	2.21	-1.16	-4.89	39.67

RUN	POINT	Harmonics															
49	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.97	36.60	-19.21	-3.78	-20.16	37.94	12.25	-1.04	-2.67	-4.31	-13.18	3.14	0.80	-1.94	0.08	19.35
SIDERH_SIN		0.00	154.52	12.87	3.66	-63.68	-90.20	13.08	0.84	-1.26	2.54	1.34	3.11	0.04	0.29	0.65	10.31
DRAGRH_COS		-185.52	223.10	11.51	-2.12	-10.98	60.85	-11.68	0.25	-1.01	3.81	1.55	4.67	-1.57	-0.12	0.76	16.05
DRAGRH_SIN		0.00	-64.70	15.69	0.25	10.04	56.35	-27.37	1.94	4.74	4.75	8.66	-5.53	0.76	-3.30	-0.17	-12.43

RUN	POINT	Harmonics															
61	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.83	-0.29	-0.03	-3.61	-2.56	-1.01	-0.02	0.61	0.35	0.08	-0.03	0.21	0.16	0.12	0.15	0.02
ACT1FORCE_SIN		0.00	11.98	1.62	1.10	0.82	-0.90	-0.38	-0.37	0.13	0.13	-0.07	0.09	-0.03	-0.08	-0.01	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		310.67	-7.57	-3.33	30.03	23.86	12.91	-0.04	-0.04	-0.03	-0.02	-0.01	0.00	0.00	-0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-90.58	-13.82	-9.42	-5.31	6.41	0.00	0.01	0.01	-0.03	-0.02	-0.01	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		495.11	7.65	3.38	-30.05	-23.91	-13.00	0.01	0.03	0.03	0.02	0.01	0.00	0.01	0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	90.74	13.87	9.52	5.40	-6.37	-0.01	-0.01	-0.02	0.02	0.01	0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4696.93	-1364.25	23.22	245.47	-53.35	-90.20	-40.79	-164.12	26.19	27.25	45.08	5.50	-2.59	-0.81	-36.35	-8.86
MRBLD1CB42P75_SIN		0.00	7.36	-41.65	51.22	177.04	0.34	25.97	6.30	-54.64	-10.92	-86.92	43.97	12.90	7.95	37.33	-10.53

RUN	POINT	Harmonics															
61	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2825.34	-846.79	295.84	154.36	-17.86	-91.75	-48.65	-107.46	20.90	27.69	13.05	6.94	0.34	2.96	-26.84	-6.27
MRBLD1CB70_SIN		0.00	30.62	-79.54	96.72	322.27	31.32	72.90	34.88	-34.70	-5.57	-68.24	20.32	7.35	4.05	29.82	-12.09
MRBLD1CB120_COS		-423.85	-348.41	421.65	147.94	6.71	-44.30	-31.59	-31.09	-35.56	-6.10	-2.71	3.95	5.06	6.67	-3.47	-2.32
MRBLD1CB120_SIN		0.00	125.75	-174.80	18.04	304.69	41.83	85.40	38.44	1.29	-10.03	48.15	-17.15	0.68	1.32	-4.25	-8.22
MRBLD1CB164_COS		-1956.57	-112.72	137.60	34.96	-36.78	-12.07	4.61	39.42	-36.33	-14.78	1.14	3.16	6.81	1.89	18.67	1.58
MRBLD1CB164_SIN		0.00	88.44	-63.32	19.63	130.70	23.79	23.94	6.54	3.09	-18.77	51.92	-6.05	2.96	-1.82	-15.07	12.32
MRBLD1FB42P75_COS		3045.72	192.35	-415.40	514.55	-92.74	-59.54	-81.39	-343.46	-126.76	-50.71	71.69	50.92	30.54	28.01	15.38	-51.82
MRBLD1FB42P75_SIN		0.00	18.77	21.43	92.35	147.95	84.94	39.79	131.45	-60.09	-82.47	-107.85	22.49	-2.78	0.32	106.93	2.49
MRBLD1FB70_COS		400.79	-4.54	-188.34	140.65	-42.37	-17.20	-6.91	-46.42	-3.48	3.13	-0.21	-0.98	-2.20	-4.95	-1.01	12.55
MRBLD1FB70_SIN		0.00	-195.33	32.00	23.55	37.38	8.31	10.13	29.17	-3.21	2.31	2.76	2.65	3.66	0.66	-23.43	-0.93
MRBLD1FB87_COS		-100.45	22.37	-154.06	44.15	-46.09	-23.61	-5.25	32.61	18.01	11.13	-10.14	-9.12	-4.10	-4.81	-5.82	6.25
MRBLD1FB87_SIN		0.00	-197.96	54.19	52.06	22.73	3.24	-3.32	-13.04	4.34	9.69	24.37	-5.45	1.53	2.26	-19.57	0.52
MRBLD1FB120_COS		-491.73	20.04	-233.12	12.35	-14.56	0.57	8.29	67.83	6.65	-7.62	-4.14	1.52	2.95	6.45	6.23	-10.57
MRBLD1FB120_SIN		0.00	-247.20	105.12	125.34	34.16	-0.20	-21.75	-43.89	6.97	-0.42	-10.03	-0.03	-7.56	-5.47	29.83	-0.98
MRBLD1FB164_COS		-210.50	50.63	-333.50	65.04	137.35	66.17	8.38	-103.58	-14.60	8.11	1.43	-2.65	-3.31	-2.09	-1.28	3.56
MRBLD1FB164_SIN		0.00	-309.72	120.47	154.39	-8.38	-29.41	18.06	48.84	-14.24	-1.25	17.54	-4.37	1.05	3.26	-14.50	0.54

RUN	POINT	Harmonics															
61	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-215.75	0.07	-189.53	28.34	108.81	48.90	-17.70	-99.04	8.16	10.55	-31.99	-10.44	11.87	11.88	2.14	-14.06
MRBLD1FB180_SIN		0.00	-216.41	75.77	74.21	-12.52	-21.32	23.23	55.25	-22.76	-9.68	49.62	-5.10	-9.01	-13.17	35.14	1.52
MRBLD1TOR51_COS		-1443.03	71.96	-24.63	78.76	-9.30	-24.29	-0.14	-41.04	7.45	3.05	-11.97	-1.97	4.18	4.35	-5.22	-3.52
MRBLD1TOR51_SIN		0.00	-72.49	11.66	23.99	16.24	7.20	4.56	37.99	-4.12	-7.20	-0.70	-4.51	-0.23	0.30	8.00	-4.59
MRBLD1TOR71_COS		-252.43	86.56	-32.26	54.52	0.32	-12.80	6.99	-20.91	8.13	1.17	-13.65	-1.98	3.29	4.50	-4.27	-2.65
MRBLD1TOR71_SIN		0.00	-74.20	7.00	6.93	1.29	5.53	6.35	38.94	4.32	-1.85	3.94	-3.94	-1.23	-0.78	3.48	-2.66
MRBLD1TOR130_COS		-9.11	75.82	-9.85	30.42	14.01	-7.43	6.76	-21.59	4.43	1.86	5.34	0.87	0.89	-0.50	-3.36	0.00
MRBLD1TOR130_SIN		0.00	-59.09	2.38	-1.35	-0.83	7.75	8.73	29.39	1.38	-1.44	4.47	8.62	2.79	0.49	-3.23	3.07
MRBLD1TOR164_COS		-216.06	40.75	47.74	3.72	-7.04	-15.55	-2.19	-2.21	5.69	2.21	-0.27	2.17	3.00	2.89	-5.01	-1.52
MRBLD1TOR164_SIN		0.00	-19.78	-9.13	-25.79	-3.09	6.75	9.22	18.82	2.33	-1.64	3.97	5.53	2.31	0.06	-0.98	-0.45
MRFBM1CB26P5_COS		-4959.45	-578.77	-30.77	78.12	-2.04	-3.94	0.62	-18.31	-1.12	-0.61	9.34	0.22	0.56	0.32	-4.37	-2.31
MRFBM1CB26P5_SIN		0.00	-80.23	6.15	-24.57	-26.51	-11.92	-13.93	-8.48	-7.69	-3.61	-0.87	3.35	0.67	1.21	2.67	-2.08
MRFBM1FB9_COS		285.00	-49.53	157.14	-100.11	21.47	13.78	8.10	18.28	0.29	-1.96	-4.80	0.31	-0.11	0.11	2.98	-0.76
MRFBM1FB9_SIN		0.00	-4.10	19.20	-79.43	-19.82	-2.45	3.63	7.23	5.88	2.70	0.69	-1.73	-0.99	-0.64	-0.77	1.30
MRFBM1TOR26P5_COS		-352.67	79.84	-0.70	0.35	-0.35	-0.13	0.06	-0.19	0.18	0.02	-0.18	0.00	0.04	0.02	0.27	0.06
MRFBM1TOR26P5_SIN		0.00	-108.06	0.28	0.02	0.11	-0.28	0.16	0.16	0.14	0.06	-0.04	-0.20	0.01	0.09	0.02	0.03

RUN	POINT	Harmonics															
61	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-719.19	-1242.26	-54.86	256.11	-47.89	-61.51	-28.93	-145.11	3.91	13.99	44.43	7.51	2.98	3.53	-32.62	-10.25
MRPC1CB33P25_SIN		0.00	37.86	-14.69	-6.36	79.58	-2.21	4.83	-4.47	-52.87	-21.58	-53.93	34.13	10.33	8.39	33.23	-12.53
MRPC1FB33P25_COS		2255.69	126.34	-355.81	401.70	-115.05	-75.94	-78.13	-316.82	-65.10	6.95	113.55	21.49	22.90	16.89	-88.17	-32.00
MRPC1FB33P25_SIN		0.00	181.79	-52.68	171.90	111.07	53.08	0.73	-38.63	-104.80	-86.60	-38.45	48.10	19.29	23.63	77.02	-45.34
MRPC1TOR25P5_COS		-799.76	-52.31	-18.38	-69.89	1.18	13.69	-8.37	27.70	-10.65	-0.57	22.64	4.00	-4.66	-2.78	-13.97	-2.96
MRPC1TOR25P5_SIN		0.00	123.20	-57.75	1.13	-2.41	-1.66	-2.38	-45.12	-3.01	4.55	-3.35	14.92	1.64	2.19	-3.63	-0.44
MRPLK1LOAD_COS		-84.59	0.50	0.65	-8.94	0.63	2.65	-0.64	5.44	-1.14	-0.27	3.18	0.10	-0.78	-0.49	-2.71	-0.53
MRPLK1LOAD_SIN		0.00	-12.95	-3.77	-1.60	-1.51	-0.11	-0.71	-5.76	-0.09	0.30	0.08	2.25	-0.09	-0.03	-1.73	0.14
PITCHRH_COS		10364.78	-8278.18	-801.06	-99.04	-10.08	-213.24	-87.09	-51.21	52.09	-19.70	24.92	-126.06	17.73	-3.98	-19.99	-400.25
PITCHRH_SIN		0.00	1996.33	-619.20	102.09	-70.33	461.29	81.59	83.15	-99.93	-94.89	-231.04	5.81	-19.78	63.66	3.80	324.54
ROLLRH_COS		1507.91	-1870.36	695.52	-9.98	-329.03	-939.84	-201.80	-110.45	136.22	101.24	326.91	-36.56	12.51	6.82	-8.15	-747.07
ROLLRH_SIN		0.00	-8008.73	-937.68	-42.50	170.32	484.48	-185.44	-17.35	66.57	-6.11	-47.84	-83.47	5.31	7.15	3.00	-364.60
TORQ_COS		31058.91	260.85	-0.10	6.74	-41.03	88.19	-2.22	28.85	-18.92	-2.71	-14.48	2.55	1.03	1.21	-1.63	13.63
TORQ_SIN		0.00	690.29	-21.65	0.42	-80.89	42.19	2.33	35.36	0.30	-4.81	-0.60	3.26	-5.89	6.43	-9.70	-20.65
THRUST_COS		5902.13	-55.52	2.86	5.04	12.22	33.55	4.36	23.29	-3.01	-3.09	-33.48	1.45	-1.21	-0.31	-0.39	24.81
THRUST_SIN		0.00	-99.63	6.65	2.14	30.14	-36.68	1.76	9.85	-1.12	3.34	27.35	-4.79	1.13	-1.51	-10.54	27.47

RUN	POINT	Harmonics															
61	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.27	61.28	-19.81	-2.64	26.80	29.29	14.33	1.47	-3.45	-4.72	-13.00	1.96	-0.07	-0.29	-0.21	21.56
SIDERH_SIN		0.00	186.91	20.09	6.05	-67.64	-94.16	9.97	0.70	-1.71	1.76	2.55	4.24	-0.04	0.15	-0.43	10.43
DRAGRH_COS		-167.09	217.74	16.57	-1.46	-6.41	64.51	-14.72	-1.06	-1.73	0.07	4.36	6.20	-0.71	1.11	-0.03	15.70
DRAGRH_SIN		0.00	-64.79	17.18	0.87	6.77	65.80	-21.65	0.53	7.88	5.26	10.11	-4.77	2.09	-1.87	-1.36	-13.41

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.91	-0.20	-0.19	-3.58	-2.65	-0.91	0.02	0.55	0.25	0.05	-0.04	0.29	0.16	0.12	0.20	-0.01
ACT1FORCE_SIN		0.00	11.71	1.74	1.04	0.62	-0.91	-0.31	-0.35	0.08	0.05	-0.16	0.06	0.01	-0.08	-0.04	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		308.16	-8.53	-1.88	30.85	24.85	11.17	-0.02	-0.04	-0.03	-0.02	0.00	0.01	0.01	-0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-89.46	-14.34	-8.88	-3.77	6.32	0.01	0.00	0.01	-0.02	-0.02	0.00	0.01	0.02	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		497.62	8.63	1.93	-30.88	-24.90	-11.25	-0.01	0.03	0.03	0.01	0.00	0.00	-0.01	0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	89.62	14.39	8.98	3.85	-6.29	-0.01	-0.01	-0.03	0.02	0.02	0.01	0.00	-0.02	-0.01	0.02
MRBLD1CB42P75_COS		-4648.85	-1385.83	24.67	261.29	-60.99	-92.07	-35.31	-149.84	29.89	24.47	17.64	26.40	4.99	-2.13	-55.68	1.15
MRBLD1CB42P75_SIN		0.00	-126.12	-45.20	58.83	169.32	-7.77	27.17	32.81	-48.75	-6.89	-120.30	46.79	15.89	13.69	31.86	-14.76

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2863.25	-862.13	290.52	170.88	-26.13	-91.80	-50.69	-95.86	21.90	27.22	-12.36	18.11	4.52	1.53	-41.76	0.53
MRBLD1CB70_SIN		0.00	-58.88	-75.01	101.33	305.04	17.14	67.75	48.91	-32.24	-1.80	-88.86	21.62	6.29	6.21	25.81	-16.82
MRBLD1CB120_COS		-418.20	-359.11	416.54	160.73	-8.45	-43.30	-38.84	-22.90	-36.51	-4.27	15.05	-5.76	2.56	7.76	-2.93	-0.32
MRBLD1CB120_SIN		0.00	87.23	-162.70	21.23	288.53	27.13	71.71	38.32	-0.74	-14.20	61.83	-18.99	0.15	1.11	-6.09	-9.07
MRBLD1CB164_COS		-1955.26	-116.37	136.05	39.56	-43.52	-9.92	-0.01	39.35	-36.48	-12.49	21.95	-3.13	3.70	1.20	26.20	-3.67
MRBLD1CB164_SIN		0.00	78.31	-58.51	20.32	122.55	17.64	14.95	-1.94	0.44	-25.85	65.83	-8.88	3.46	-2.76	-11.32	15.12
MRBLD1FB42P75_COS		3013.27	204.16	-404.79	534.62	-142.25	-78.86	-75.71	-301.49	-125.90	-70.74	51.19	61.57	38.01	29.81	-26.68	-49.50
MRBLD1FB42P75_SIN		0.00	49.14	9.75	88.55	141.78	86.46	33.46	158.67	-58.29	-86.53	-138.80	10.23	-3.88	9.99	132.27	-23.39
MRBLD1FB70_COS		396.11	-3.36	-182.71	149.41	-55.69	-21.45	-5.28	-39.03	-2.52	2.73	-0.65	-0.65	-2.58	-5.38	7.65	12.12
MRBLD1FB70_SIN		0.00	-193.79	27.13	23.65	34.24	8.28	8.04	33.06	-3.88	1.83	2.45	2.92	3.86	-0.87	-28.19	4.46
MRBLD1FB87_COS		-102.41	22.07	-151.26	48.67	-50.58	-23.45	-4.57	29.26	18.67	14.76	-4.13	-11.72	-4.92	-4.42	3.13	5.36
MRBLD1FB87_SIN		0.00	-194.99	50.64	53.04	21.43	4.73	-2.72	-14.85	4.44	10.65	30.77	-3.26	1.58	0.27	-24.66	5.72
MRBLD1FB120_COS		-488.79	21.11	-232.11	15.79	-13.92	2.35	6.56	55.38	3.60	-9.34	-7.59	1.25	2.36	5.29	-7.80	-9.73
MRBLD1FB120_SIN		0.00	-244.60	97.43	123.91	31.84	-0.68	-22.11	-50.39	6.91	-1.02	-11.57	-0.70	-7.64	-2.98	36.96	-8.62
MRBLD1FB164_COS		-216.90	54.81	-333.43	73.47	151.12	73.42	8.80	-86.77	-8.03	10.28	4.58	-4.97	-3.98	-1.42	5.93	2.13
MRBLD1FB164_SIN		0.00	-304.13	107.84	147.22	-2.93	-31.64	18.00	59.54	-13.40	1.15	21.91	-2.89	1.48	2.05	-17.74	5.08

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.50	3.58	-188.60	33.42	117.37	52.91	-16.22	-83.24	14.31	16.28	-24.34	-21.25	5.38	8.50	-15.88	-13.20
MRBLD1FB180_SIN		0.00	-212.63	68.60	70.31	-7.79	-21.92	23.67	65.82	-20.80	-5.53	64.49	-0.73	-7.99	-9.58	45.35	-7.39
MRBLD1TOR51_COS		-1446.47	70.13	-23.27	79.76	-14.09	-23.44	6.53	-32.73	8.15	2.14	-12.74	-3.27	3.40	2.51	-11.28	-1.06
MRBLD1TOR51_SIN		0.00	-73.79	10.39	26.91	13.53	4.25	6.59	45.71	-2.88	-7.32	0.10	-5.75	-0.83	0.20	6.13	-5.96
MRBLD1TOR71_COS		-254.00	85.44	-30.76	54.45	-2.43	-11.46	12.57	-14.45	8.80	0.88	-13.60	-4.33	2.24	3.33	-7.77	-1.26
MRBLD1TOR71_SIN		0.00	-73.18	5.95	9.25	-0.31	3.18	8.33	43.75	5.03	-1.44	6.55	-4.74	-1.78	-0.81	1.93	-3.46
MRBLD1TOR130_COS		-9.83	74.75	-9.18	30.51	13.59	-6.55	10.31	-15.98	5.05	1.54	6.62	1.28	1.17	0.21	-1.14	-0.97
MRBLD1TOR130_SIN		0.00	-58.72	1.23	-0.25	-0.34	6.18	9.71	33.62	1.48	-2.02	3.12	10.16	3.84	1.10	-3.12	3.52
MRBLD1TOR164_COS		-214.83	39.61	47.70	2.75	-8.72	-16.51	-0.22	-0.17	5.94	3.01	0.22	0.77	2.56	3.09	-5.18	-1.36
MRBLD1TOR164_SIN		0.00	-20.69	-8.30	-24.63	-3.90	6.22	9.36	19.41	1.61	-1.68	5.23	6.23	2.68	0.43	-2.23	-0.87
MRFBM1CB26P5_COS		-4932.47	-588.25	-29.01	79.17	-2.29	-3.94	2.89	-17.41	-0.76	-1.44	10.51	1.43	0.77	0.12	-6.68	-0.96
MRFBM1CB26P5_SIN		0.00	-143.86	3.73	-22.87	-21.89	-11.45	-12.53	-3.95	-6.84	-3.87	-3.19	3.37	1.51	1.73	1.41	-2.60
MRFBM1FB9_COS		240.65	-11.81	150.05	-106.17	26.63	15.14	6.75	17.89	0.04	-1.47	-4.96	-0.37	-0.25	0.44	3.82	-0.43
MRFBM1FB9_SIN		0.00	21.46	23.19	-80.28	-16.19	-1.25	3.90	4.71	5.76	2.66	2.26	-2.07	-1.31	-0.72	0.44	1.53
MRFBM1TOR26P5_COS		-354.19	80.38	-0.90	0.43	-0.33	-0.04	0.14	-0.15	0.18	0.01	-0.21	0.01	0.02	-0.01	0.24	0.05
MRFBM1TOR26P5_SIN		0.00	-106.91	0.33	0.04	-0.02	-0.24	0.18	0.19	0.19	0.04	0.00	-0.26	-0.02	0.07	0.07	0.02

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-652.25	-1262.12	-52.71	266.59	-56.54	-63.67	-22.14	-131.58	5.97	9.94	29.94	21.84	7.91	2.23	-51.81	-0.08
MRPC1CB33P25_SIN		0.00	-75.70	-21.28	0.47	78.17	-6.14	5.13	18.19	-48.57	-21.41	-77.36	34.44	12.53	13.36	27.36	-17.55
MRPC1FB33P25_COS		2223.22	134.38	-347.04	419.72	-153.98	-91.60	-72.42	-295.69	-64.89	-4.35	116.35	37.31	28.17	10.32	-134.66	-6.97
MRPC1FB33P25_SIN		0.00	208.69	-60.78	173.27	95.02	48.15	-2.32	-1.84	-103.71	-99.59	-73.46	47.48	24.16	31.19	55.01	-57.59
MRPC1TOR25P5_COS		-800.64	-49.09	-21.05	-70.65	4.68	12.37	-15.83	19.10	-11.33	-0.07	22.25	7.33	-2.91	-1.01	-10.94	-3.02
MRPC1TOR25P5_SIN		0.00	125.11	-55.91	-2.10	-1.00	1.01	-4.37	-51.87	-4.81	4.98	-8.01	16.86	3.19	4.45	-5.50	-0.55
MRPLK1LOAD_COS		-84.82	0.78	0.42	-9.03	1.25	2.45	-1.64	4.18	-1.24	-0.16	3.38	0.30	-0.50	-0.20	-1.89	-0.67
MRPLK1LOAD_SIN		0.00	-12.74	-3.56	-2.00	-1.26	0.32	-0.97	-6.78	-0.37	0.36	-0.37	2.65	0.19	0.27	-2.13	0.23
PITCHRH_COS		9645.06	-8315.85	-746.89	-98.08	-14.94	-353.97	-94.78	-7.92	34.61	-29.04	43.46	-151.10	21.42	-56.83	-0.99	-418.10
PITCHRH_SIN		0.00	2008.92	-614.33	107.44	-51.81	528.18	100.25	42.47	-80.29	-112.35	-239.43	14.76	-15.26	43.11	18.51	316.50
ROLLRH_COS		921.44	-1846.41	710.48	5.79	-369.49	-973.36	-178.66	-72.55	109.41	84.35	330.21	-54.16	2.61	7.95	-31.43	-732.98
ROLLRH_SIN		0.00	-8054.98	-851.47	-40.34	112.86	176.70	-232.47	12.32	44.25	-24.69	-79.85	-113.66	37.22	87.72	0.00	-451.66
TORQ_COS		31720.08	277.43	1.16	0.56	-52.17	86.50	-3.02	20.15	-23.26	-0.74	-16.26	-0.18	2.89	-0.31	-1.60	14.34
TORQ_SIN		0.00	662.27	-12.96	5.66	-86.44	49.86	3.33	17.65	-5.47	-5.61	2.74	3.74	-8.81	7.89	-10.87	-19.40
THRUST_COS		5770.17	-55.90	3.14	6.23	13.36	40.93	3.98	12.60	-1.61	-4.09	-35.17	1.56	-0.30	-0.70	3.21	22.85
THRUST_SIN		0.00	-102.80	6.38	1.16	32.60	-36.09	2.30	3.10	-0.30	3.10	34.51	-2.68	0.23	-2.27	-11.61	29.92

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.01	55.46	-20.02	-4.33	35.63	45.15	11.12	0.61	-2.43	-4.32	-12.65	2.96	0.11	-0.27	0.50	21.14
SIDERH_SIN		0.00	193.94	17.37	5.88	-61.90	-74.91	11.88	-0.12	-0.89	1.76	3.60	5.33	-1.31	-2.49	-0.24	12.63
DRAGRH_COS		-169.25	219.58	15.65	-1.62	-6.52	33.46	-9.54	1.44	-1.01	-0.54	4.02	6.15	-0.96	3.39	-0.92	16.52
DRAGRH_SIN		0.00	-64.48	16.76	0.92	4.84	63.68	-24.77	1.66	6.09	5.25	9.11	-6.62	2.33	-1.22	-2.32	-13.44

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.80	-1.06	2.38	-2.30	-2.34	-1.63	-0.26	0.34	0.17	0.13	-0.01	-0.04	0.14	0.11	0.16	0.15
ACT1FORCE_SIN		0.00	12.39	1.06	3.46	0.94	-0.76	-0.30	-0.13	0.20	-0.06	-0.17	0.03	-0.01	-0.06	-0.01	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		217.76	3.21	-28.26	21.14	21.69	15.23	-0.01	-0.05	-0.02	-0.04	-0.01	0.01	0.00	0.00	-0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-98.71	-5.69	-30.70	-7.84	6.29	-0.01	0.02	0.02	-0.02	0.00	-0.02	0.01	0.03	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		588.21	-3.04	28.37	-21.00	-21.71	-15.34	-0.02	0.03	0.02	0.03	0.00	0.00	0.00	0.01	0.02	0.03
FA1OBVOLTAGE_SIN		0.00	98.92	5.64	30.89	8.02	-6.17	0.02	-0.02	-0.04	0.01	-0.01	0.01	-0.01	-0.02	-0.01	-0.01
MRBLD1CB42P75_COS		-4896.34	-141.97	-317.52	523.28	-41.49	-13.36	-11.88	-142.87	11.63	12.43	29.31	19.95	6.37	10.70	12.59	-6.93
MRBLD1CB42P75_SIN		0.00	-681.89	4.40	-37.59	212.37	45.51	21.52	-29.59	-31.09	-15.26	-60.25	45.92	11.62	1.98	25.62	-6.83

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2767.51	-168.34	-37.16	370.11	-65.84	-36.68	-24.11	-100.44	7.46	13.60	-11.75	13.35	1.34	6.54	8.90	-6.52
MRBLD1CB70_SIN		0.00	-423.30	-11.15	10.80	248.49	61.13	66.82	-13.71	-25.39	-6.51	-27.51	25.20	8.08	2.22	18.64	-6.20
MRBLD1CB120_COS		-520.05	-206.92	136.00	276.18	-47.16	-43.65	-43.27	-28.18	-25.11	-3.42	5.70	-3.00	1.54	0.80	-5.10	-2.63
MRBLD1CB120_SIN		0.00	-91.45	-82.83	-20.43	232.52	56.03	91.09	2.82	-4.66	-4.89	25.69	-20.96	-1.05	0.16	2.44	-1.69
MRBLD1CB164_COS		-1938.04	-89.30	32.56	111.93	-41.12	-32.21	-22.60	29.09	-23.99	-8.81	25.60	-1.67	3.79	-0.24	-0.81	4.17
MRBLD1CB164_SIN		0.00	5.76	-37.07	11.21	94.31	10.56	28.52	13.85	2.55	-8.25	18.87	-16.56	-1.59	-3.67	-12.03	5.52
MRBLD1FB42P75_COS		2631.50	14.07	-395.33	878.95	104.91	-12.51	-51.54	-279.09	-87.01	-45.26	58.68	51.98	27.64	25.91	59.59	-29.05
MRBLD1FB42P75_SIN		0.00	137.57	26.26	-228.99	335.43	107.16	82.14	61.01	-8.31	-54.71	-153.29	8.40	-5.07	-7.12	26.23	7.68
MRBLD1FB70_COS		270.92	40.66	-187.04	284.26	8.71	2.32	0.53	-36.98	-0.87	1.53	-0.25	-1.67	-2.01	-4.36	-11.85	6.32
MRBLD1FB70_SIN		0.00	-177.82	44.40	-78.25	89.48	11.79	10.41	11.71	0.25	1.73	2.15	0.70	1.30	1.23	-6.76	-2.74
MRBLD1FB87_COS		-139.88	57.30	-137.23	129.44	-26.27	-18.05	-6.00	24.54	12.00	9.17	-7.71	-9.55	-4.00	-4.80	-13.43	3.64
MRBLD1FB87_SIN		0.00	-168.18	61.11	-4.98	43.14	-0.57	-11.13	-9.58	-2.68	6.30	31.50	-3.19	2.04	3.94	-2.16	0.63
MRBLD1FB120_COS		-469.33	101.18	-188.22	100.19	-29.84	-19.06	-4.26	55.57	3.67	-4.34	-3.52	0.65	1.79	6.31	17.87	-7.28
MRBLD1FB120_SIN		0.00	-205.79	108.46	65.07	11.56	-5.25	-23.82	-15.47	3.97	1.28	-9.12	1.92	-2.24	-5.56	3.71	-0.57
MRBLD1FB164_COS		-451.63	152.44	-246.73	116.55	56.38	54.11	6.00	-81.70	-8.52	5.93	2.99	-1.07	0.17	-1.90	-8.68	4.53
MRBLD1FB164_SIN		0.00	-267.09	161.04	77.02	-89.38	-4.23	30.08	19.62	-3.81	-5.38	14.48	-6.38	-0.61	1.54	-2.81	0.53

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-422.51	89.08	-133.42	49.46	34.69	49.51	1.96	-88.24	-0.69	15.90	-14.38	-14.47	-0.80	5.21	19.12	-11.77
MRBLD1FB180_SIN		0.00	-190.87	90.77	46.42	-70.85	-11.91	35.30	18.85	-14.45	-7.83	49.68	-16.58	-1.97	-2.11	8.98	1.28
MRBLD1TOR51_COS		-1476.11	43.77	-43.66	108.09	23.41	-20.45	1.19	-49.80	0.56	5.91	-6.76	-2.53	-2.15	0.98	5.10	1.12
MRBLD1TOR51_SIN		0.00	-90.17	9.90	-3.20	32.50	14.27	1.32	3.19	-6.38	-3.49	7.11	-3.95	-3.23	-2.71	4.26	-3.26
MRBLD1TOR71_COS		-263.48	52.12	-39.62	65.41	26.38	-11.44	6.73	-31.90	2.55	4.13	-9.34	-3.31	-1.95	0.84	1.94	0.32
MRBLD1TOR71_SIN		0.00	-74.75	3.91	-8.85	10.88	9.12	1.80	8.17	-1.13	0.21	9.80	-3.56	-3.16	-2.48	2.04	-1.70
MRBLD1TOR130_COS		-23.41	50.44	-18.86	20.25	29.06	-5.23	4.54	-29.74	0.25	3.13	8.27	0.54	0.96	0.24	-4.52	-1.89
MRBLD1TOR130_SIN		0.00	-65.91	1.75	-9.85	-2.75	8.11	5.69	5.08	-1.20	-1.97	0.87	7.37	2.50	1.26	-0.97	1.90
MRBLD1TOR164_COS		-167.44	8.20	43.05	-20.88	5.57	-6.09	2.04	-8.28	0.67	0.45	-0.52	1.81	2.87	1.75	-3.53	-3.67
MRBLD1TOR164_SIN		0.00	-38.38	-12.51	-18.91	6.45	3.97	2.96	5.47	1.02	-1.77	0.62	1.05	1.94	2.98	2.89	0.48
MRFBM1CB26P5_COS		-5140.45	-2.99	-147.31	119.18	9.21	6.96	-0.21	-14.66	-0.09	-0.20	13.88	1.21	1.45	0.92	-0.26	-1.21
MRFBM1CB26P5_SIN		0.00	-291.01	2.73	-28.47	11.51	-3.45	-11.47	-4.68	-2.58	-3.28	-7.27	3.33	1.38	0.85	3.44	-0.91
MRFBM1FB9_COS		-767.08	-118.29	223.51	-219.69	10.21	11.61	6.84	12.80	1.03	-0.97	-4.98	-0.16	-0.29	-0.26	0.48	-0.07
MRFBM1FB9_SIN		0.00	7.26	3.64	-29.99	-45.45	-6.64	3.39	7.88	3.38	1.74	0.67	-1.79	-1.07	-0.81	-1.61	0.93
MRFBM1TOR26P5_COS		-473.22	41.82	0.47	-0.10	-0.02	-0.04	0.17	-0.26	0.10	0.08	-0.22	0.01	-0.02	0.05	0.18	0.09
MRFBM1TOR26P5_SIN		0.00	-35.82	-0.14	0.67	-0.51	0.06	-0.14	0.01	0.01	0.01	0.14	-0.27	-0.08	-0.02	0.00	-0.01

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-864.66	-126.21	-358.99	478.87	-7.45	-3.71	-16.12	-123.68	-1.13	4.76	44.16	15.89	7.40	9.67	10.10	-7.62
MRPC1CB33P25_SIN		0.00	-616.93	13.00	-74.29	157.66	26.57	5.16	-24.49	-23.78	-18.86	-51.21	31.79	8.89	2.52	25.23	-7.46
MRPC1FB33P25_COS		1988.86	-47.06	-321.09	750.52	-0.10	-43.32	-68.28	-237.28	-58.54	-1.64	128.08	30.82	21.07	21.28	7.52	-26.24
MRPC1FB33P25_SIN		0.00	258.31	-47.43	-27.54	303.67	85.53	45.91	-67.81	-48.98	-62.77	-76.05	41.60	17.66	18.50	68.31	-21.99
MRPC1TOR25P5_COS		-805.53	-86.21	55.28	-86.36	-32.47	15.70	-4.35	41.54	-0.98	-4.70	14.79	4.58	2.88	0.64	-11.77	-9.20
MRPC1TOR25P5_SIN		0.00	197.64	-36.74	20.70	-13.69	-6.74	5.40	-8.07	2.41	0.75	-13.21	15.26	6.07	4.79	2.97	1.84
MRPLK1LOAD_COS		-111.56	0.22	1.59	-11.08	-4.53	1.95	-0.89	6.77	0.01	-0.98	2.58	0.27	0.28	-0.07	-2.76	-1.72
MRPLK1LOAD_SIN		0.00	3.49	-4.26	1.96	-3.71	-1.31	-0.07	-0.82	0.71	0.36	-1.56	2.53	0.77	0.54	-0.24	0.28
PITCHRH_COS		12387.28	-8503.05	-1012.67	-10.21	14.04	782.63	-51.74	-139.05	45.50	28.64	32.51	-80.03	51.42	-31.59	-11.36	-48.26
PITCHRH_SIN		0.00	2566.91	-394.40	61.68	45.04	1380.31	-3.13	125.49	-100.42	-80.37	-105.19	36.26	1.29	47.30	12.65	183.85
ROLLRH_COS		213.48	-2379.42	673.05	33.37	-434.29	-1854.09	-163.86	-49.06	106.53	89.21	240.48	-60.23	23.54	5.03	-49.02	-549.71
ROLLRH_SIN		0.00	-8022.40	-1222.26	-77.23	199.34	1099.12	-142.50	-95.71	76.20	26.73	-36.99	-24.85	16.82	0.25	25.92	110.99
TORQ_COS		22315.28	335.80	2.70	-18.26	-45.60	-40.94	-0.64	15.06	-24.91	-3.79	-22.53	1.04	5.60	-7.27	15.87	2.89
TORQ_SIN		0.00	666.78	-13.42	4.24	-66.56	31.97	5.13	13.31	-11.05	-3.00	17.04	5.32	-12.40	10.19	-11.45	-1.65
THRUST_COS		3000.31	-68.99	3.27	2.06	13.74	12.70	5.54	19.58	-0.60	-4.87	-43.75	1.89	-3.72	1.74	-3.00	20.38
THRUST_SIN		0.00	-87.66	2.50	0.93	25.99	-48.95	-0.02	4.97	0.66	4.15	45.82	-1.67	-1.39	-1.46	-8.77	6.78

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-92.40	61.68	-16.45	1.09	32.79	69.50	8.56	-1.12	-2.37	-3.32	-8.73	2.89	-0.63	-0.21	1.29	15.39
SIDERH_SIN		0.00	180.17	29.98	6.48	-62.31	-134.86	8.27	1.08	-1.58	-0.41	1.65	1.05	-0.48	0.10	-0.90	-2.73
DRAGRH_COS		-133.46	221.84	26.39	-1.59	-5.67	10.00	-6.24	-3.05	-1.31	-4.56	2.75	1.20	-1.75	1.36	0.27	3.45
DRAGRH_SIN		0.00	-72.27	8.91	3.15	8.89	177.88	-11.97	3.65	4.55	5.02	1.81	-4.32	0.16	-1.62	-1.38	-6.61

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.27	-0.18	0.62	-3.06	-2.86	-1.10	-0.37	0.39	0.16	-0.11	0.02	0.02	0.12	0.22	0.12	0.12
ACT1FORCE_SIN		0.00	11.61	1.51	1.81	0.69	-0.97	-0.58	-0.33	-0.05	-0.03	-0.13	-0.13	-0.02	-0.20	-0.01	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		295.97	-6.70	-11.77	26.52	27.50	12.89	0.01	-0.04	-0.03	-0.02	0.00	0.01	0.01	0.00	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-91.61	-12.35	-16.13	-5.09	5.88	-0.01	0.01	0.02	-0.02	-0.02	0.00	0.00	0.04	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		509.83	6.84	11.84	-26.48	-27.54	-12.99	-0.05	0.03	0.02	0.02	0.01	-0.01	-0.01	0.00	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	91.78	12.37	16.28	5.25	-5.80	0.00	-0.02	-0.03	0.01	0.01	0.00	-0.01	-0.04	-0.01	0.00
MRBLD1CB42P75_COS		-4859.48	-693.85	-128.40	368.26	-36.96	-52.37	-27.33	-149.03	26.89	22.18	30.26	11.12	7.49	4.90	-22.57	-3.97
MRBLD1CB42P75_SIN		0.00	-483.46	-47.68	40.21	182.11	13.54	24.35	-4.22	-35.73	-6.23	-68.32	35.43	7.37	4.10	26.11	-22.78

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2772.18	-467.20	138.93	262.25	-15.89	-89.36	-27.00	-95.99	20.10	21.95	-7.53	6.16	3.83	4.59	-18.86	-8.09
MRBLD1CB70_SIN		0.00	-290.10	-65.06	89.93	271.82	23.93	61.79	22.44	-24.41	1.63	-38.86	16.07	4.00	3.63	18.44	-22.10
MRBLD1CB120_COS		-474.34	-259.94	278.50	227.08	17.84	-79.19	-19.12	-26.10	-27.26	-2.91	6.67	1.96	1.76	4.64	-4.18	-0.52
MRBLD1CB120_SIN		0.00	-28.12	-140.06	25.90	244.36	22.64	77.01	33.79	-3.06	-11.37	32.95	-13.96	2.07	2.83	-1.25	-6.67
MRBLD1CB164_COS		-1949.29	-99.63	83.83	78.11	-20.39	-38.60	-0.73	32.28	-30.46	-8.70	22.00	4.08	3.67	0.52	14.64	2.59
MRBLD1CB164_SIN		0.00	35.64	-51.41	25.33	103.30	4.69	22.55	14.31	2.09	-19.39	27.64	-5.50	4.11	-0.52	-6.27	18.49
MRBLD1FB42P75_COS		2908.39	84.62	-396.89	693.15	37.59	-22.35	-63.11	-297.79	-91.69	-46.87	60.32	54.52	34.81	27.24	15.31	-58.33
MRBLD1FB42P75_SIN		0.00	113.06	2.59	-42.49	172.39	91.08	74.31	115.93	-38.61	-77.47	-139.25	12.01	-7.45	-5.84	80.54	-22.54
MRBLD1FB70_COS		348.00	16.52	-183.96	209.28	-6.16	-3.83	-2.07	-39.45	-0.41	2.60	0.21	-1.52	-2.49	-4.50	-1.59	13.76
MRBLD1FB70_SIN		0.00	-189.46	30.91	-17.45	43.28	7.23	12.86	23.67	-1.36	2.24	2.34	1.24	2.76	1.24	-17.25	4.15
MRBLD1FB87_COS		-118.05	36.37	-143.20	82.64	-31.99	-20.17	-5.33	28.09	14.05	11.06	-7.00	-9.55	-5.15	-4.43	-4.70	8.26
MRBLD1FB87_SIN		0.00	-183.84	55.64	28.91	25.25	-1.26	-7.96	-12.48	1.65	9.63	29.43	-3.31	3.15	3.93	-13.68	5.73
MRBLD1FB120_COS		-484.90	53.14	-206.19	49.01	-23.68	-10.84	2.51	57.96	2.55	-6.48	-4.66	0.85	3.29	5.49	3.62	-14.47
MRBLD1FB120_SIN		0.00	-224.31	104.32	102.01	29.31	-1.24	-24.12	-35.06	6.81	1.04	-10.24	1.09	-6.00	-7.66	19.24	-9.06
MRBLD1FB164_COS		-315.03	95.29	-288.83	89.90	88.08	50.94	6.56	-93.31	-5.97	9.22	4.16	-1.09	-2.40	-1.55	-0.87	6.36
MRBLD1FB164_SIN		0.00	-284.00	131.96	126.78	-26.44	-13.13	23.46	40.78	-9.87	-4.71	16.67	-4.56	2.38	4.26	-8.60	6.94

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-305.05	38.37	-163.31	37.97	66.75	41.78	-11.18	-90.04	11.45	19.28	-18.50	-11.66	6.19	10.29	3.00	-17.43
MRBLD1FB180_SIN		0.00	-199.78	79.76	65.21	-26.84	-12.28	30.44	47.97	-15.81	-9.24	52.01	-4.31	-0.51	-7.94	23.93	-11.50
MRBLD1TOR51_COS		-1459.16	62.53	-35.92	94.25	6.20	-22.05	0.60	-39.52	7.90	6.46	-10.29	-3.93	1.24	4.49	-2.42	-0.19
MRBLD1TOR51_SIN		0.00	-82.22	6.19	16.13	14.65	8.19	4.70	29.38	0.55	-1.61	3.83	-4.16	-1.86	-1.23	6.91	-5.92
MRBLD1TOR71_COS		-256.74	73.36	-37.54	61.05	11.09	-11.74	6.96	-21.62	7.87	4.28	-12.06	-4.18	0.40	3.58	-2.05	-0.40
MRBLD1TOR71_SIN		0.00	-74.00	1.69	2.36	-1.17	5.88	4.91	30.44	6.15	2.08	7.43	-3.10	-2.12	-1.49	2.50	-3.30
MRBLD1TOR130_COS		-14.57	67.13	-15.75	26.90	17.77	-6.19	5.80	-22.54	4.91	4.52	7.15	0.84	1.19	-1.01	-2.84	-1.35
MRBLD1TOR130_SIN		0.00	-62.22	-1.45	-3.74	-6.04	7.67	7.56	22.53	2.94	-0.85	2.52	8.65	3.17	1.81	-3.41	2.98
MRBLD1TOR164_COS		-196.89	28.97	43.00	-6.33	0.35	-8.77	-0.06	-3.89	3.69	2.61	0.51	2.40	2.90	0.93	-4.81	-2.24
MRBLD1TOR164_SIN		0.00	-29.23	-12.07	-23.56	-4.07	4.28	6.67	14.55	2.90	-1.63	2.97	4.99	3.29	2.09	-1.44	-1.26
MRFBM1CB26P5_COS		-5122.43	-241.03	-76.49	86.42	-1.70	6.54	-1.06	-17.59	0.40	-0.58	12.44	1.45	1.42	0.83	-3.12	0.05
MRFBM1CB26P5_SIN		0.00	-240.05	-4.99	-24.75	-8.15	-2.92	-10.63	-6.91	-5.47	-3.43	-6.41	3.66	0.74	0.84	2.50	-2.40
MRFBM1FB9_COS		-161.42	-108.98	177.88	-154.72	8.47	11.76	7.32	15.67	-0.13	-1.86	-4.71	-0.18	-0.42	-0.24	2.11	-0.95
MRFBM1FB9_SIN		0.00	54.44	19.71	-62.45	-26.98	-3.57	1.82	5.76	4.07	1.69	0.64	-1.73	-1.31	-0.84	-0.64	1.97
MRFBM1TOR26P5_COS		-403.75	66.79	-0.63	0.46	-0.48	0.03	-0.08	-0.15	0.09	0.04	-0.20	0.03	0.00	0.05	0.20	0.06
MRFBM1TOR26P5_SIN		0.00	-75.39	0.11	0.37	-0.10	-0.18	0.07	0.11	0.15	0.10	0.11	-0.33	0.00	0.00	0.13	0.00

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-779.90	-652.02	-194.76	352.13	-27.21	-23.57	-24.24	-132.70	9.17	11.01	41.25	10.41	9.00	6.33	-21.79	-4.18
MRPC1CB33P25_SIN		0.00	-436.88	-28.69	-15.22	103.56	9.37	9.92	-9.65	-32.68	-18.38	-53.28	27.02	6.11	4.58	24.84	-23.67
MRPC1FB33P25_COS		2164.75	17.32	-331.03	569.67	-15.54	-47.74	-75.81	-273.56	-47.21	8.47	121.85	29.76	28.29	20.59	-64.42	-13.55
MRPC1FB33P25_SIN		0.00	259.80	-65.10	92.96	161.13	67.89	34.68	-31.61	-72.94	-80.11	-65.86	44.15	19.68	19.51	60.18	-65.77
MRPC1TOR25P5_COS		-820.23	-74.42	23.69	-75.92	-8.67	14.72	-6.04	28.93	-8.25	-3.07	19.36	5.64	-0.27	-4.55	-12.45	-5.57
MRPC1TOR25P5_SIN		0.00	185.84	-39.63	7.36	2.58	-1.27	-2.19	-33.75	-6.36	-2.21	-9.01	14.28	3.00	3.83	-6.14	-1.15
MRPLK1LOAD_COS		-95.68	1.02	1.52	-10.34	-1.49	2.28	-0.73	5.37	-1.03	-0.62	2.93	0.27	-0.25	-0.90	-2.36	-1.07
MRPLK1LOAD_SIN		0.00	-5.98	-3.33	-0.52	-1.18	-0.14	-0.67	-4.44	-0.51	-0.47	-0.86	2.54	0.26	0.41	-2.23	0.05
PITCHRH_COS		11468.31	-8093.09	-932.66	-27.33	12.62	77.49	-83.21	-103.70	18.10	19.77	54.79	-88.79	-11.73	-25.35	5.86	-222.49
PITCHRH_SIN		0.00	2181.66	-528.54	84.99	-18.87	774.04	70.22	84.40	-70.39	-78.18	-246.36	55.38	-10.30	29.70	-8.31	140.66
ROLLRH_COS		-220.83	-2000.53	709.72	-6.17	-399.13	-1095.33	-256.07	-124.83	107.18	102.09	320.37	-69.46	7.17	-40.42	-72.45	-558.70
ROLLRH_SIN		0.00	-7717.22	-1055.63	-44.27	30.38	720.73	-164.47	-32.07	57.32	19.60	-50.02	-48.47	0.47	29.94	8.47	-214.54
TORQ_COS		26023.61	331.16	7.09	-9.68	-18.39	5.23	-0.69	25.35	-21.22	-3.10	-20.75	-0.22	2.02	-1.89	7.41	2.71
TORQ_SIN		0.00	702.15	-19.60	11.91	-70.56	27.97	4.69	36.24	-8.52	-5.34	17.32	3.98	-7.21	8.49	-17.28	-5.51
THRUST_COS		4692.66	-65.24	3.32	7.23	8.88	25.13	6.41	25.17	-2.23	-6.91	-39.90	1.38	0.27	0.32	3.28	19.52
THRUST_SIN		0.00	-92.75	3.65	4.49	27.18	-36.14	0.23	13.79	-1.10	3.75	49.40	-2.34	0.50	-1.18	-12.13	32.11

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-135.99	55.58	-19.77	0.59	50.26	32.24	13.70	1.76	-2.15	-5.14	-12.25	3.42	-0.09	1.05	1.88	15.16
SIDERH_SIN		0.00	170.45	25.55	5.41	-47.07	-92.94	9.86	-0.60	-1.48	-0.05	1.80	1.99	-0.01	-0.85	-0.49	6.18
DRAGRH_COS		-143.10	211.18	23.34	-2.37	-3.68	52.43	-9.26	-3.83	-0.99	-3.27	-1.24	2.35	0.07	2.00	-0.67	9.37
DRAGRH_SIN		0.00	-64.54	13.04	1.42	2.74	76.51	-22.16	2.93	6.23	3.37	10.08	-5.72	-0.31	-0.09	-0.68	-4.00

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-44.13	-0.44	-0.72	-3.84	-2.46	-0.89	0.33	0.44	0.34	-0.07	0.01	0.25	0.11	0.06	0.10	-0.04
ACT1FORCE_SIN		0.00	11.94	1.56	1.07	0.19	-0.57	-0.39	-0.11	0.13	0.16	-0.10	0.10	0.08	-0.14	-0.06	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.19	-7.50	3.18	33.18	22.29	11.89	-0.02	-0.05	-0.03	-0.02	-0.01	0.00	0.01	0.00	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-90.57	-12.68	-10.28	0.04	5.08	-0.02	-0.01	0.00	-0.03	-0.01	0.01	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.51	7.58	-3.15	-33.21	-22.35	-11.97	-0.01	0.04	0.03	0.01	0.01	0.00	0.00	0.00	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	90.73	12.72	10.36	0.02	-5.07	0.01	0.00	-0.02	0.02	0.00	-0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4592.78	-1824.32	98.55	222.66	-58.34	-98.83	-40.69	-150.03	31.46	36.97	16.17	6.45	-0.22	-5.53	-53.86	-2.91
MRBLD1CB42P75_SIN		0.00	12.00	-40.12	60.17	142.90	-13.60	31.23	32.19	-51.66	-0.25	-83.17	33.65	13.35	10.84	29.66	-10.23

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2912.45	-1124.42	358.50	138.35	-19.66	-97.97	-55.11	-99.27	23.23	40.36	3.76	4.47	2.87	2.00	-37.40	1.21
MRBLD1CB70_SIN		0.00	23.38	-76.11	97.13	297.35	17.00	64.74	55.51	-29.56	4.10	-63.89	14.69	5.73	3.80	23.59	-10.63
MRBLD1CB120_COS		-370.61	-434.49	477.38	144.30	-9.32	-38.00	-33.49	-25.78	-40.01	-11.67	12.07	4.70	4.25	8.91	-0.06	-0.59
MRBLD1CB120_SIN		0.00	115.25	-175.96	4.22	270.54	32.88	60.12	52.45	2.55	-16.18	41.92	-12.71	-0.72	1.20	-6.57	-9.89
MRBLD1CB164_COS		-1949.45	-131.75	156.76	30.19	-49.53	-4.04	7.04	40.05	-38.88	-24.23	6.84	4.81	4.48	1.53	24.75	-2.68
MRBLD1CB164_SIN		0.00	89.06	-61.14	12.78	113.19	26.00	8.12	3.11	-1.26	-31.64	43.06	-1.59	5.95	0.76	-9.81	12.01
MRBLD1FB42P75_COS		3087.43	293.73	-385.81	481.55	-213.40	-67.91	-72.15	-294.71	-129.75	-78.33	24.53	43.33	29.21	25.10	-25.19	-49.70
MRBLD1FB42P75_SIN		0.00	5.23	17.37	121.20	28.24	86.10	29.70	166.13	-67.25	-78.88	-101.06	2.78	-5.09	5.88	117.21	-13.41
MRBLD1FB70_COS		417.65	-8.75	-174.47	128.17	-74.73	-19.34	-5.06	-37.95	-2.08	3.68	0.95	-0.04	-1.60	-4.72	6.65	12.12
MRBLD1FB70_SIN		0.00	-201.78	26.45	33.30	0.75	8.71	7.70	34.72	-4.43	2.70	3.68	3.98	5.00	0.34	-24.59	2.37
MRBLD1FB87_COS		-99.77	20.09	-148.10	37.88	-57.74	-23.23	-6.12	27.39	18.56	14.54	-0.58	-7.98	-3.67	-3.71	2.41	4.96
MRBLD1FB87_SIN		0.00	-202.16	49.11	58.93	7.80	5.50	-2.72	-15.93	5.22	8.85	21.64	-1.63	1.87	0.98	-21.83	3.68
MRBLD1FB120_COS		-500.52	8.59	-235.01	3.99	-13.07	2.38	7.35	54.77	5.13	-8.06	-7.78	-0.01	2.15	5.35	-6.42	-8.59
MRBLD1FB120_SIN		0.00	-248.92	99.22	133.15	40.50	2.10	-20.30	-51.80	8.29	-1.02	-9.55	-1.87	-8.46	-4.26	32.23	-5.29
MRBLD1FB164_COS		-181.32	38.51	-333.94	64.13	174.66	69.28	9.39	-83.74	-9.94	8.97	6.01	-2.54	-1.68	-0.46	5.66	2.57
MRBLD1FB164_SIN		0.00	-305.50	105.97	158.22	47.65	-34.23	14.88	64.08	-13.26	2.96	17.99	-1.72	1.53	2.95	-14.73	2.97

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-189.26	-15.59	-192.26	24.88	134.58	50.23	-17.45	-80.89	16.86	17.06	-20.55	-14.59	10.97	14.62	-10.38	-11.09
MRBLD1FB180_SIN		0.00	-212.49	70.40	76.07	28.38	-18.43	23.08	70.57	-18.66	-7.62	43.41	1.71	-8.93	-13.09	34.94	-4.62
MRBLD1TOR51_COS		-1438.78	69.34	-9.93	77.79	-17.43	-24.77	4.25	-29.61	7.89	2.76	-9.04	-2.34	4.46	3.38	-8.93	-1.37
MRBLD1TOR51_SIN		0.00	-72.07	12.23	31.07	7.40	-2.51	12.27	53.23	-2.12	-7.69	-3.02	-4.18	0.89	0.97	4.74	-5.18
MRBLD1TOR71_COS		-249.79	89.64	-21.08	54.65	-4.45	-13.06	10.35	-11.57	8.48	1.38	-9.30	-2.55	3.49	4.41	-5.37	-1.04
MRBLD1TOR71_SIN		0.00	-75.17	7.31	12.35	-1.85	-3.23	13.66	50.31	6.24	-1.95	2.59	-2.68	-0.30	-0.08	1.45	-2.63
MRBLD1TOR130_COS		-5.45	76.27	-0.81	33.04	13.60	-8.93	9.28	-13.36	4.94	1.59	5.14	0.89	0.80	0.59	-0.86	-0.43
MRBLD1TOR130_SIN		0.00	-58.40	1.94	2.71	4.97	0.73	13.53	39.50	2.26	-2.11	2.81	9.04	2.96	0.74	-2.13	3.68
MRBLD1TOR164_COS		-222.13	42.42	50.72	7.23	-9.68	-19.07	-2.77	0.54	7.04	3.60	0.69	0.72	2.52	4.50	-3.84	-1.75
MRBLD1TOR164_SIN		0.00	-18.84	-8.76	-24.59	-7.90	4.88	11.65	21.71	3.13	-0.91	4.57	6.26	1.85	0.20	-1.46	-0.87
MRFBM1CB26P5_COS		-4915.06	-820.68	-1.93	78.44	-2.23	-2.73	2.38	-16.07	-1.09	-2.37	4.47	1.07	0.77	-0.55	-5.91	-2.11
MRFBM1CB26P5_SIN		0.00	-113.07	14.61	-22.73	-26.19	-15.38	-10.67	-6.51	-8.31	-4.58	-2.28	1.68	0.74	1.64	0.87	-2.94
MRFBM1FB9_COS		438.82	59.99	126.54	-89.92	28.86	14.32	6.29	18.03	-0.24	-1.40	-3.76	-0.16	-0.17	0.37	3.64	-0.69
MRFBM1FB9_SIN		0.00	-37.13	20.35	-84.96	-0.23	-1.14	3.67	4.39	6.01	2.61	1.76	-1.17	-1.12	-0.57	0.46	1.33
MRFBM1TOR26P5_COS		-336.06	84.85	-0.78	0.43	-0.28	-0.05	0.13	-0.13	0.23	0.03	-0.13	0.00	-0.01	-0.02	0.18	0.04
MRFBM1TOR26P5_SIN		0.00	-115.66	0.56	-0.12	0.07	-0.27	0.18	0.28	0.14	0.08	-0.03	-0.20	0.02	0.05	0.05	-0.01

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-553.11	-1631.40	13.01	233.09	-58.81	-65.96	-23.41	-129.41	5.41	15.65	19.71	10.37	3.93	0.74	-47.97	-4.37
MRPC1CB33P25_SIN		0.00	76.54	-21.21	3.30	48.86	-9.52	8.74	17.10	-54.11	-17.62	-54.47	25.38	10.07	11.52	25.44	-13.76
MRPC1FB33P25_COS		2269.75	219.84	-334.21	371.47	-186.83	-81.75	-68.45	-293.85	-64.38	-14.00	75.47	28.10	24.08	11.07	-119.58	-15.73
MRPC1FB33P25_SIN		0.00	169.07	-49.31	188.66	-14.38	52.61	-5.64	8.66	-112.00	-97.70	-60.50	29.13	16.56	24.45	48.09	-52.19
MRPC1TOR25P5_COS		-805.32	-30.17	-44.87	-65.68	5.27	14.37	-12.54	13.84	-10.31	-1.85	16.15	4.05	-4.96	-1.49	-10.03	-2.97
MRPC1TOR25P5_SIN		0.00	88.37	-56.60	-10.68	-2.96	9.11	-13.11	-60.93	-5.80	3.14	-1.35	11.93	-0.99	2.08	-3.66	0.77
MRPLK1LOAD_COS		-81.21	0.69	-1.17	-8.99	1.73	2.74	-1.32	3.68	-1.16	-0.30	2.48	0.08	-0.72	-0.12	-1.65	-0.51
MRPLK1LOAD_SIN		0.00	-14.31	-3.69	-2.50	-0.58	1.30	-1.70	-7.82	-0.40	0.38	0.24	2.10	-0.38	0.05	-1.50	0.55
PITCHRH_COS		8055.28	-7957.51	-714.37	-98.80	-36.64	-583.92	-46.04	-33.48	34.03	-18.61	-10.17	-123.56	23.61	-46.10	8.65	-422.64
PITCHRH_SIN		0.00	1792.96	-599.70	68.81	-44.30	250.09	107.96	81.79	-32.63	-94.70	-318.37	-19.27	6.76	71.73	8.57	216.15
ROLLRH_COS		1991.49	-1609.54	699.06	-58.05	-377.35	-626.20	-127.73	-59.95	80.89	46.14	341.22	-33.39	-26.03	34.84	-49.98	-546.42
ROLLRH_SIN		0.00	-7734.00	-859.87	-27.11	151.49	-97.42	-215.41	-16.36	45.96	0.65	-88.81	-108.63	-10.06	9.01	-14.10	-473.15
TORQ_COS		33540.34	283.16	2.56	7.86	-55.14	109.91	0.14	18.09	-17.83	-2.25	2.31	-0.41	2.57	0.40	0.07	21.31
TORQ_SIN		0.00	642.44	-25.28	5.55	-108.50	64.12	-1.10	31.77	-0.28	-3.85	-2.08	4.01	-8.15	6.88	-7.52	-21.07
THRUST_COS		6304.31	-60.15	2.66	6.56	12.07	35.06	4.89	15.36	-1.73	-1.84	-15.41	-0.23	0.61	1.48	11.56	15.44
THRUST_SIN		0.00	-98.42	10.11	3.55	37.33	-33.81	2.59	7.19	-1.43	2.80	30.29	-2.01	1.94	-1.85	-11.35	30.05

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.52	51.60	-19.44	-4.73	41.14	37.01	9.82	-0.65	-1.56	-2.31	-13.86	1.94	0.97	-1.17	1.07	16.09
SIDERH_SIN		0.00	183.59	17.58	3.13	-71.20	-48.50	10.88	0.40	-0.73	0.52	3.66	5.16	0.43	0.13	0.31	13.48
DRAGRH_COS		-174.13	210.31	12.71	-0.04	-9.26	26.60	-13.73	0.19	-0.85	0.18	7.29	6.65	-1.87	1.52	-1.17	18.21
DRAGRH_SIN		0.00	-59.16	17.29	-0.37	3.59	38.43	-22.47	2.89	5.57	4.63	16.96	-5.01	-0.13	-3.53	-1.96	-10.16

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-47.39	-0.46	-0.93	-3.76	-2.56	-0.46	0.24	0.71	0.23	-0.04	-0.11	0.20	0.08	0.13	0.03	-0.04
ACT1FORCE_SIN		0.00	12.48	1.10	1.04	0.01	-0.28	-0.49	0.04	0.17	0.26	-0.04	0.04	0.00	-0.22	0.01	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.51	-7.15	4.13	30.71	23.40	8.25	-0.03	-0.06	-0.03	-0.02	0.00	0.00	0.00	0.00	0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-92.72	-9.38	-7.93	3.29	2.87	-0.01	-0.01	0.00	-0.04	-0.01	-0.01	0.00	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.17	7.26	-4.09	-30.73	-23.47	-8.31	0.01	0.05	0.03	0.03	-0.01	0.00	0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	92.88	9.43	8.03	-3.20	-2.85	0.00	0.00	-0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4468.48	-1583.37	172.81	184.74	-97.03	-136.24	-56.96	-143.47	57.36	49.62	19.29	-6.35	-10.41	-13.23	-52.31	-0.19
MRBLD1CB42P75_SIN		0.00	346.87	-28.29	74.53	149.76	-34.38	36.51	-27.83	-54.91	-5.46	-69.11	31.31	6.93	8.61	12.86	-1.94

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2971.00	-946.37	441.98	95.61	-72.21	-134.03	-83.78	-106.62	44.63	50.72	5.91	-2.97	-4.65	-5.10	-37.14	3.60
MRBLD1CB70_SIN		0.00	254.72	-75.54	113.86	344.40	-6.69	88.66	19.73	-33.91	-4.29	-61.82	15.50	3.23	6.87	10.89	-0.57
MRBLD1CB120_COS		-345.78	-335.46	555.56	102.54	-61.21	-57.97	-64.57	-56.28	-45.25	-17.31	8.99	8.35	7.10	9.78	2.71	0.02
MRBLD1CB120_SIN		0.00	232.08	-186.91	15.79	338.90	17.94	94.86	38.62	-5.40	-14.44	40.41	-8.73	3.53	2.49	-8.65	-10.52
MRBLD1CB164_COS		-1960.69	-106.40	190.82	7.81	-73.53	-0.91	1.36	26.56	-51.43	-33.87	1.47	7.97	10.04	7.39	21.06	-6.16
MRBLD1CB164_SIN		0.00	128.34	-63.58	13.73	145.95	23.16	21.46	10.12	-9.07	-29.80	46.38	2.52	8.82	-4.29	-4.49	5.57
MRBLD1FB42P75_COS		3160.74	182.98	-396.91	411.31	-232.57	-94.36	-91.30	-389.58	-134.02	-67.23	43.60	35.06	22.09	14.35	-54.46	-36.19
MRBLD1FB42P75_SIN		0.00	-40.49	18.06	208.20	76.15	95.87	24.05	56.45	-90.75	-74.02	-70.84	19.36	3.76	10.54	89.45	-12.56
MRBLD1FB70_COS		448.50	-20.30	-180.13	101.04	-82.72	-28.87	-9.80	-52.78	-1.48	3.66	-0.19	-0.54	-1.39	-3.25	12.24	9.52
MRBLD1FB70_SIN		0.00	-198.57	26.74	59.14	15.09	11.37	10.32	18.03	-6.80	2.61	3.94	2.94	3.34	-1.25	-19.12	2.01
MRBLD1FB87_COS		-88.49	10.53	-157.71	20.63	-61.73	-25.50	-4.05	38.07	20.08	14.03	-3.62	-5.33	-1.61	-1.60	7.91	1.85
MRBLD1FB87_SIN		0.00	-206.13	49.42	73.41	12.97	6.74	-1.81	-5.15	8.10	8.04	16.26	-4.04	0.17	-0.35	-16.16	3.51
MRBLD1FB120_COS		-498.18	-3.70	-248.06	-10.67	-7.28	10.10	12.43	76.03	3.04	-10.54	-8.07	-0.74	1.93	3.47	-13.98	-4.00
MRBLD1FB120_SIN		0.00	-261.34	97.97	144.84	37.07	-1.75	-25.87	-27.29	10.99	-1.42	-8.74	-0.69	-5.95	-1.25	25.08	-4.42
MRBLD1FB164_COS		-120.12	12.49	-360.64	49.18	183.67	80.03	5.15	-115.21	-10.44	9.85	4.18	-0.88	-1.76	0.22	9.77	0.63
MRBLD1FB164_SIN		0.00	-321.96	95.47	183.24	37.67	-40.41	18.90	25.55	-22.61	3.60	18.32	-1.13	1.88	3.91	-10.11	1.09

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-136.69	-36.46	-207.25	20.95	144.95	53.48	-26.09	-106.32	19.56	12.37	-29.47	-6.24	15.57	10.40	-24.09	-6.25
MRBLD1FB180_SIN		0.00	-223.55	63.84	86.25	23.10	-24.37	21.08	32.76	-28.81	-13.28	35.20	2.23	-7.36	-11.66	28.05	0.25
MRBLD1TOR51_COS		-1426.37	76.39	-5.21	69.70	-15.81	-26.75	6.87	-40.83	11.34	3.31	-9.26	-1.24	4.51	1.87	-9.83	-1.25
MRBLD1TOR51_SIN		0.00	-61.03	15.45	36.58	11.62	4.05	8.51	30.67	-4.90	-9.27	-4.29	-3.14	2.20	0.76	1.31	-2.78
MRBLD1TOR71_COS		-242.21	92.72	-19.69	50.94	-0.91	-13.12	13.90	-21.00	10.20	0.71	-9.72	-1.10	3.98	3.61	-5.81	-0.76
MRBLD1TOR71_SIN		0.00	-70.55	10.13	14.97	-0.03	4.13	10.59	35.89	4.84	-3.49	0.45	-2.30	0.71	-0.02	-0.05	-1.23
MRBLD1TOR130_COS		3.04	80.70	0.93	33.96	17.88	-8.42	12.10	-21.92	5.96	0.27	3.28	-0.14	0.54	0.70	-0.68	-0.67
MRBLD1TOR130_SIN		0.00	-51.87	4.32	3.81	4.24	6.60	12.58	26.38	0.96	-2.11	4.90	8.35	2.54	0.38	-1.33	2.68
MRBLD1TOR164_COS		-228.47	50.81	52.72	11.55	-9.74	-23.02	-0.88	-1.87	7.23	2.53	-0.37	-0.14	2.20	4.59	-2.96	-1.65
MRBLD1TOR164_SIN		0.00	-10.07	-6.13	-27.13	-7.08	7.89	12.00	19.65	2.48	-2.10	4.35	6.66	2.61	0.81	-2.83	-2.07
MRFBM1CB26P5_COS		-4801.24	-718.53	20.21	83.62	0.57	-4.47	5.05	-12.04	-0.04	-2.44	4.99	-0.05	0.50	-0.66	-5.37	-1.97
MRFBM1CB26P5_SIN		0.00	38.55	24.37	-23.93	-41.66	-18.31	-15.25	-14.94	-7.64	-3.41	1.30	1.25	0.31	0.68	-1.06	-3.24
MRFBM1FB9_COS		663.12	-140.89	124.48	-64.65	34.92	16.93	8.27	17.52	-1.04	-1.66	-3.18	0.61	0.32	0.71	3.06	-0.56
MRFBM1FB9_SIN		0.00	-15.58	20.59	-101.44	-5.17	0.36	4.78	11.78	6.50	2.33	0.74	-1.14	-0.84	-0.20	1.59	0.98
MRFBM1TOR26P5_COS		-310.52	94.48	-0.76	0.50	-0.06	0.02	0.14	-0.17	0.21	0.07	-0.13	0.05	0.02	0.00	0.18	0.04
MRFBM1TOR26P5_SIN		0.00	-125.51	0.43	-0.27	0.12	-0.19	0.11	0.20	0.07	0.09	-0.17	-0.15	0.03	0.01	0.05	0.01

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-452.47	-1412.73	73.60	204.96	-76.56	-92.05	-32.37	-127.89	22.30	23.40	21.96	-0.24	-3.88	-6.26	-46.13	-2.33
MRPC1CB33P25_SIN		0.00	361.67	-4.82	13.19	41.30	-23.21	5.14	-39.26	-57.81	-18.84	-38.84	25.15	7.02	9.40	9.37	-7.23
MRPC1FB33P25_COS		2314.56	123.44	-340.60	301.71	-213.39	-105.87	-81.20	-323.23	-56.29	-8.06	72.01	11.53	13.86	1.01	-112.02	-9.26
MRPC1FB33P25_SIN		0.00	116.43	-54.78	245.56	20.71	50.97	-15.73	-113.02	-132.88	-89.47	-28.18	34.80	17.01	20.05	6.69	-39.09
MRPC1TOR25P5_COS		-793.99	-28.73	-47.88	-54.05	2.42	17.14	-14.38	26.48	-11.13	-1.30	17.18	1.27	-5.98	-0.73	-7.31	-1.08
MRPC1TOR25P5_SIN		0.00	42.02	-75.18	-21.23	-9.96	-0.60	-12.03	-42.25	-4.95	4.32	3.15	9.48	-3.42	1.76	-3.90	-1.56
MRPLK1LOAD_COS		-76.59	2.61	-1.77	-8.59	1.08	2.67	-1.80	5.38	-1.57	-0.37	2.46	-0.34	-0.89	-0.07	-1.26	-0.34
MRPLK1LOAD_SIN		0.00	-16.78	-4.17	-3.32	-1.10	0.32	-1.25	-4.77	-0.05	0.54	0.93	1.60	-0.81	0.09	-1.14	0.07
PITCHRH_COS		11253.52	-7763.08	-630.77	-94.86	-41.69	-483.48	-107.60	-61.94	64.40	5.23	-2.13	-114.78	15.68	-26.69	-15.85	-442.43
PITCHRH_SIN		0.00	1608.13	-620.97	133.51	-99.29	62.29	31.66	25.00	-65.24	-124.76	-252.80	-27.22	-7.23	47.39	25.67	120.98
ROLLRH_COS		1965.01	-1397.40	635.24	-63.66	-405.51	-863.48	-114.82	-84.11	128.78	102.81	362.05	-41.00	-20.18	-9.69	-41.58	-343.70
ROLLRH_SIN		0.00	-7586.28	-787.55	0.80	70.79	126.60	-272.54	-85.10	64.44	2.50	-61.30	-113.85	0.43	-39.92	-18.76	-512.39
TORQ_COS		36985.67	272.36	4.49	15.33	-25.33	163.01	-2.14	-7.36	-22.13	-0.43	-3.09	0.09	2.09	-1.61	-1.53	26.85
TORQ_SIN		0.00	725.10	-25.03	12.58	-87.39	85.07	3.24	58.52	-0.79	-2.35	-9.49	6.21	-5.31	6.04	-7.00	-25.46
THRUST_COS		6897.45	-66.71	7.07	7.28	9.49	43.69	5.97	10.48	-1.74	-3.40	-22.99	0.20	0.45	1.02	11.48	7.86
THRUST_SIN		0.00	-101.71	7.80	5.13	33.77	-30.83	3.35	24.79	-1.56	3.94	15.15	-0.46	2.43	-0.87	-5.61	21.14

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-197.83	51.56	-17.70	-3.99	52.90	40.58	7.62	1.46	-3.42	-4.81	-14.88	2.19	0.89	-0.02	0.88	10.85
SIDERH_SIN		0.00	182.18	14.99	5.27	-61.73	-85.58	15.19	1.84	-0.85	0.79	3.07	5.18	0.22	1.51	0.12	14.92
DRAGRH_COS		-148.04	203.84	12.64	-1.85	-8.51	58.35	-6.54	-1.32	-1.79	-2.43	9.23	5.93	-0.04	1.78	0.39	18.26
DRAGRH_SIN		0.00	-55.63	18.16	-2.55	3.26	84.85	-19.28	-1.60	5.81	6.29	15.03	-3.82	0.23	-1.46	-1.94	-6.26

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-51.76	-0.27	-1.68	-3.91	-2.63	0.05	0.20	0.97	-0.11	-0.22	0.01	0.17	0.24	0.03	0.05	-0.05
ACT1FORCE_SIN		0.00	12.67	0.95	0.80	-0.06	0.08	-0.31	0.13	0.39	0.01	-0.01	-0.10	0.04	-0.13	0.00	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.91	-10.15	8.13	31.26	24.91	3.68	-0.03	-0.05	-0.04	-0.01	0.01	0.00	0.00	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-95.91	-7.43	-3.47	4.69	-1.03	0.00	-0.01	-0.04	-0.02	0.00	0.02	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		409.70	10.25	-8.11	-31.29	-24.99	-3.72	0.02	0.05	0.04	0.01	-0.01	0.00	0.01	0.00	-0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	96.08	7.48	3.55	-4.63	1.03	-0.01	0.00	0.02	0.02	0.00	-0.02	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-4197.33	-2008.89	277.19	119.47	-130.74	-172.88	-79.56	-139.30	79.77	59.66	6.26	8.82	-5.02	-10.89	-43.48	7.62
MRBLD1CB42P75_SIN		0.00	494.80	-28.20	75.52	129.53	-51.29	38.56	-65.71	-59.89	-10.00	-88.49	27.98	7.06	6.31	12.33	12.50

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3115.56	-1193.00	541.22	29.30	-107.41	-152.96	-119.87	-116.15	65.42	62.83	-4.35	5.10	-1.06	-0.39	-31.99	10.27
MRBLD1CB70_SIN		0.00	356.27	-84.57	116.68	371.30	-15.03	110.54	-0.75	-38.85	-12.49	-69.90	15.42	4.47	3.42	8.70	11.30
MRBLD1CB120_COS		-287.22	-387.20	644.95	43.70	-104.43	-45.00	-95.05	-85.24	-50.52	-28.69	13.32	2.04	7.24	11.22	4.18	-3.25
MRBLD1CB120_SIN		0.00	299.17	-207.23	12.40	387.45	27.06	120.75	27.48	-9.71	-17.57	50.97	-2.81	6.01	4.91	-10.91	-13.47
MRBLD1CB164_COS		-1969.25	-115.18	230.54	-23.31	-96.72	18.10	0.71	16.65	-63.30	-49.18	4.41	4.28	14.98	8.75	17.45	-10.57
MRBLD1CB164_SIN		0.00	160.93	-67.82	7.62	172.72	37.02	33.73	12.30	-14.97	-33.03	54.40	11.26	10.64	-7.04	-7.37	-0.25
MRBLD1FB42P75_COS		3220.56	252.93	-371.35	329.65	-302.74	-104.13	-123.92	-480.18	-136.42	-88.74	22.30	49.89	33.15	15.10	-58.65	-24.08
MRBLD1FB42P75_SIN		0.00	-42.90	42.67	324.60	53.17	90.30	-7.67	-27.73	-101.58	-72.59	-95.02	5.22	-1.87	7.30	65.35	-5.44
MRBLD1FB70_COS		486.64	-33.80	-168.57	67.70	-104.66	-35.44	-18.80	-67.30	0.32	3.21	-1.65	-1.27	-2.88	-3.71	12.34	7.74
MRBLD1FB70_SIN		0.00	-198.46	30.62	93.94	9.41	12.00	8.38	4.54	-9.10	3.49	5.84	3.94	4.15	-1.27	-14.59	0.34
MRBLD1FB87_COS		-75.40	1.71	-154.85	2.27	-69.39	-26.54	-2.30	46.51	20.13	17.26	1.48	-7.87	-2.44	-0.56	8.28	-1.43
MRBLD1FB87_SIN		0.00	-213.12	49.28	92.64	10.76	8.84	1.49	2.77	8.85	7.29	21.78	-1.11	0.62	0.29	-10.74	2.18
MRBLD1FB120_COS		-496.78	-19.99	-250.93	-24.94	1.74	17.15	22.91	96.73	1.55	-10.10	-9.45	0.50	3.65	2.97	-13.95	0.74
MRBLD1FB120_SIN		0.00	-276.18	96.48	161.97	40.37	-4.00	-24.31	-7.71	14.80	-3.15	-12.30	-3.84	-7.13	-1.36	18.07	-1.92
MRBLD1FB164_COS		-44.68	-11.39	-372.77	35.92	208.32	84.81	-6.54	-143.06	-9.55	8.45	5.26	-2.14	-2.27	0.93	10.02	-2.83
MRBLD1FB164_SIN		0.00	-340.40	84.75	216.20	55.71	-46.86	11.53	-5.14	-27.19	7.37	25.65	1.07	2.40	4.24	-7.88	-4.13

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-72.85	-57.60	-213.89	15.85	166.69	55.59	-41.60	-127.54	27.37	13.69	-22.04	-4.90	20.57	8.06	-29.29	-2.09
MRBLD1FB180_SIN		0.00	-235.37	58.79	101.28	35.40	-29.73	12.68	4.40	-35.56	-15.07	47.77	7.77	-10.76	-14.53	23.51	12.56
MRBLD1TOR51_COS		-1409.49	81.74	10.81	63.59	-23.92	-30.55	11.47	-55.31	12.53	2.24	-8.33	-0.45	5.49	1.24	-10.64	-3.11
MRBLD1TOR51_SIN		0.00	-48.49	21.25	50.35	6.86	0.53	1.96	19.93	-3.98	-9.68	-3.83	-2.73	2.49	0.43	-2.87	-2.68
MRBLD1TOR71_COS		-233.52	102.10	-8.94	49.71	-5.75	-15.94	19.65	-32.35	10.37	-0.13	-8.51	-1.96	4.31	3.29	-5.81	-2.11
MRBLD1TOR71_SIN		0.00	-64.25	14.94	24.26	-3.43	1.53	5.40	30.45	6.23	-3.33	2.41	-1.68	0.49	-0.30	-1.75	-0.77
MRBLD1TOR130_COS		12.86	87.49	9.94	38.33	16.07	-11.36	16.91	-31.86	5.62	-1.04	3.75	-0.33	1.32	1.57	0.11	0.43
MRBLD1TOR130_SIN		0.00	-44.29	6.55	8.76	2.99	4.11	8.38	19.41	0.43	-3.29	3.91	9.55	2.86	0.86	1.83	4.07
MRBLD1TOR164_COS		-237.01	58.79	54.95	19.30	-14.08	-28.29	1.01	-4.60	7.35	2.83	0.18	-1.04	2.70	5.52	-1.23	-1.05
MRBLD1TOR164_SIN		0.00	-0.27	-5.25	-29.10	-10.96	7.63	11.34	18.36	1.59	-2.74	5.72	7.25	3.17	1.49	-0.67	-0.65
MRFBM1CB26P5_COS		-4535.76	-1025.21	68.51	90.42	0.26	-11.74	7.33	-8.21	0.38	-3.76	6.20	0.99	1.06	-1.41	-4.24	-2.65
MRFBM1CB26P5_SIN		0.00	32.66	49.21	-27.44	-61.21	-28.08	-20.43	-20.82	-6.97	-2.68	-2.16	0.58	-0.20	1.85	-1.79	-3.52
MRFBM1FB9_COS		961.78	-61.76	90.35	-33.33	42.40	17.72	10.12	18.38	-1.90	-1.54	-3.28	-0.43	-0.07	0.42	2.40	-0.45
MRFBM1FB9_SIN		0.00	37.62	9.43	-123.31	0.25	2.09	7.69	18.89	6.80	3.09	2.02	-1.34	-1.06	-0.15	1.75	0.07
MRFBM1TOR26P5_COS		-275.06	110.51	-0.52	0.69	0.07	0.02	0.13	-0.24	0.24	0.18	-0.17	0.12	-0.04	-0.04	0.13	-0.02
MRFBM1TOR26P5_SIN		0.00	-151.13	0.75	-0.40	0.20	-0.15	0.03	0.27	0.06	0.12	-0.09	-0.17	0.08	-0.04	-0.04	-0.04

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-274.72	-1714.61	153.29	150.44	-100.13	-117.86	-41.53	-126.08	33.34	25.22	11.81	11.61	0.49	-3.62	-37.35	2.01
MRPC1CB33P25_SIN		0.00	530.41	-14.19	12.42	8.89	-33.27	-4.21	-74.23	-63.91	-22.37	-54.21	21.08	7.87	10.25	7.29	3.03
MRPC1FB33P25_COS		2344.09	187.69	-325.36	219.33	-265.46	-111.94	-96.31	-360.18	-53.40	-23.91	71.59	30.90	25.79	4.13	-92.05	-8.36
MRPC1FB33P25_SIN		0.00	115.55	-29.19	324.11	-11.76	44.04	-49.98	-213.41	-144.42	-100.88	-57.97	34.42	21.46	18.81	-10.23	-22.92
MRPC1TOR25P5_COS		-767.43	-6.38	-68.89	-40.44	8.43	26.45	-21.71	43.24	-12.25	0.03	16.73	0.45	-5.97	-0.28	-1.18	2.17
MRPC1TOR25P5_SIN		0.00	-27.23	-83.47	-41.40	-3.87	4.23	-4.56	-32.98	-7.35	5.48	0.28	10.91	-3.82	2.88	3.55	3.14
MRPLK1LOAD_COS		-69.86	4.04	-3.80	-8.42	1.90	3.16	-2.49	7.42	-1.63	-0.24	2.46	-0.60	-0.85	0.24	-0.33	0.31
MRPLK1LOAD_SIN		0.00	-23.11	-4.84	-5.20	-0.51	0.84	-0.22	-3.64	-0.38	0.35	0.56	1.69	-0.90	0.33	0.60	0.84
PITCHRH_COS		9551.76	-7677.38	-431.88	-79.20	-60.52	-614.90	-87.22	-74.46	115.60	-5.57	-36.02	-104.01	19.28	9.81	-10.80	-390.19
PITCHRH_SIN		0.00	1630.09	-586.94	125.89	-114.67	-348.04	-29.13	34.77	-64.45	-158.67	-279.15	-17.19	-6.16	73.95	19.67	38.32
ROLLRH_COS		1391.09	-1435.48	578.58	-86.40	-461.81	-953.88	-100.61	-104.12	114.52	91.49	383.62	-38.18	-23.23	6.57	-27.39	-9.23
ROLLRH_SIN		0.00	-7598.49	-662.61	41.69	113.15	69.22	-324.40	-89.47	78.54	15.53	-145.45	-120.81	0.83	-38.74	-9.99	-354.61
TORQ_COS		43602.05	257.04	3.49	29.16	-1.62	257.46	-0.63	-33.91	-16.28	-1.77	-3.02	1.62	2.19	-2.44	-1.76	22.84
TORQ_SIN		0.00	707.68	-30.71	23.07	-61.27	117.87	8.92	67.30	-3.48	-6.56	-3.87	7.47	-2.33	2.22	-4.96	-31.98
THRUST_COS		7640.90	-75.47	8.07	13.01	4.76	42.23	7.35	8.89	-2.89	-1.14	-16.84	-1.24	0.62	0.43	14.69	0.80
THRUST_SIN		0.00	-101.74	8.60	4.41	27.80	-25.59	5.71	32.57	-1.80	4.76	22.62	2.07	2.40	-1.74	-3.15	8.18

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-237.20	56.48	-16.58	-4.52	57.28	44.64	2.94	1.88	-3.43	-4.06	-15.69	2.04	1.01	-0.68	0.45	1.39
SIDERH_SIN		0.00	190.89	10.42	5.81	-68.60	-104.41	17.34	1.26	-1.62	0.16	5.74	5.17	-0.06	1.47	0.03	10.52
DRAGRH_COS		-176.49	202.57	6.62	-3.29	-9.36	83.80	-1.55	-0.32	-3.03	-3.02	12.51	4.91	-1.94	-0.41	0.35	16.74
DRAGRH_SIN		0.00	-57.77	17.52	-2.87	8.17	114.09	-8.71	-2.47	5.77	8.84	13.98	-4.58	-0.84	-2.40	-1.40	-4.91

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.15	-0.35	-0.08	-3.55	-2.59	-0.91	0.08	0.63	0.29	0.05	-0.07	0.23	0.14	0.15	0.17	-0.02
ACT1FORCE_SIN		0.00	11.86	1.57	0.82	0.62	-1.00	-0.35	-0.29	0.18	0.09	-0.12	0.07	0.00	-0.09	0.00	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.25	-7.56	-2.95	30.50	24.29	11.43	-0.01	-0.04	-0.03	-0.03	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-90.93	-12.98	-7.63	-3.80	7.58	-0.01	-0.01	0.00	-0.03	0.00	0.00	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.49	7.65	3.00	-30.52	-24.35	-11.51	-0.02	0.03	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	91.09	13.04	7.72	3.87	-7.55	-0.01	0.00	-0.01	0.02	0.00	0.00	0.00	0.00	0.01	0.02
MRBLD1CB42P75_COS		-4688.21	-1235.53	33.25	241.85	-56.70	-82.54	-42.65	-158.13	35.32	23.31	28.74	15.84	2.30	-1.37	-49.56	1.46
MRBLD1CB42P75_SIN		0.00	375.78	-32.12	60.47	155.43	-4.63	29.43	-13.98	-46.66	-5.49	-109.45	45.36	13.33	11.60	27.55	-13.34

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2858.17	-770.56	295.14	150.37	-22.33	-68.80	-58.37	-105.21	29.20	26.09	-6.84	12.64	1.98	0.91	-38.46	1.28
MRBLD1CB70_SIN		0.00	262.03	-68.05	101.10	288.57	31.62	70.59	24.40	-31.42	0.51	-83.77	20.97	6.56	5.88	19.72	-18.85
MRBLD1CB120_COS		-422.62	-327.56	417.84	144.58	-12.13	-16.83	-49.63	-38.29	-31.36	0.07	10.22	-0.93	2.96	5.93	-3.40	-0.34
MRBLD1CB120_SIN		0.00	217.95	-161.51	21.98	276.73	48.57	75.48	41.21	-5.34	-12.85	59.87	-16.66	1.51	2.31	-6.23	-9.97
MRBLD1CB164_COS		-1961.38	-108.95	138.10	34.48	-44.39	1.52	-2.56	34.16	-36.27	-7.42	19.56	0.51	5.61	3.21	24.40	-4.43
MRBLD1CB164_SIN		0.00	108.74	-58.74	18.91	118.46	27.37	16.89	13.66	-2.83	-24.89	65.86	-5.25	4.57	-1.47	-6.57	17.74
MRBLD1FB42P75_COS		3010.51	156.79	-399.60	517.59	-165.46	-80.14	-87.91	-357.97	-111.13	-52.34	78.29	59.07	34.58	26.31	-26.59	-48.62
MRBLD1FB42P75_SIN		0.00	-76.45	16.73	93.34	149.84	85.36	37.50	97.25	-74.11	-96.41	-132.19	16.97	-3.57	8.24	119.14	-24.25
MRBLD1FB70_COS		396.88	-1.88	-183.52	142.30	-60.89	-20.03	-7.70	-48.88	-1.14	2.62	-0.80	-1.23	-2.55	-4.69	7.85	12.20
MRBLD1FB70_SIN		0.00	-193.70	31.10	23.15	34.91	8.12	9.66	23.78	-4.11	2.49	2.86	2.70	3.82	-0.61	-25.49	4.51
MRBLD1FB87_COS		-101.96	23.69	-152.57	44.12	-52.92	-23.64	-3.91	34.85	17.18	12.31	-9.66	-11.29	-4.94	-4.73	2.22	5.10
MRBLD1FB87_SIN		0.00	-197.80	53.50	51.56	20.95	3.12	-3.98	-9.05	6.85	12.94	30.33	-3.94	2.10	0.58	-22.60	5.38
MRBLD1FB120_COS		-488.11	25.48	-231.60	13.89	-10.13	1.87	10.96	71.33	2.44	-8.74	-5.31	1.90	3.39	5.76	-7.03	-9.58
MRBLD1FB120_SIN		0.00	-250.47	101.56	121.17	32.02	-1.72	-24.87	-37.31	7.57	-1.83	-12.27	-0.94	-7.74	-2.81	34.23	-7.71
MRBLD1FB164_COS		-215.72	55.82	-334.65	69.65	155.68	70.79	3.71	-109.39	-5.60	10.30	3.11	-3.74	-3.19	-1.56	5.70	2.65
MRBLD1FB164_SIN		0.00	-315.37	115.72	149.13	-0.47	-28.11	20.87	39.14	-16.47	0.91	21.27	-3.85	1.67	1.53	-16.61	4.39

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.13	4.89	-188.52	33.27	119.77	53.17	-20.29	-102.34	17.69	17.49	-30.21	-15.26	9.54	9.97	-15.48	-13.69
MRBLD1FB180_SIN		0.00	-220.01	73.63	71.56	-6.41	-19.87	25.49	45.74	-22.87	-5.59	60.46	-2.76	-6.83	-8.41	41.79	-6.12
MRBLD1TOR51_COS		-1449.61	73.03	-22.78	77.16	-16.19	-24.49	4.72	-42.84	10.72	3.62	-13.10	-2.76	3.75	2.82	-10.25	-0.31
MRBLD1TOR51_SIN		0.00	-71.66	12.36	25.38	14.78	4.70	6.73	33.79	-3.24	-6.24	-0.44	-5.44	-0.45	0.04	5.69	-5.92
MRBLD1TOR71_COS		-254.11	85.96	-30.74	53.39	-3.46	-12.65	11.41	-22.89	10.04	1.52	-14.48	-3.60	2.84	3.55	-7.22	-1.15
MRBLD1TOR71_SIN		0.00	-76.19	7.25	7.73	0.95	3.58	8.47	36.52	4.74	-0.97	5.04	-4.60	-1.24	-0.60	1.70	-3.61
MRBLD1TOR130_COS		-8.98	75.99	-9.55	29.89	13.58	-7.20	9.12	-23.42	6.24	2.02	6.69	0.40	1.13	0.19	-1.20	-1.68
MRBLD1TOR130_SIN		0.00	-59.55	2.53	-0.70	-0.11	6.75	10.65	26.72	1.05	-1.67	3.87	9.96	3.90	1.19	-3.38	3.35
MRBLD1TOR164_COS		-213.54	41.11	48.14	2.98	-9.24	-16.00	-0.32	-2.79	5.86	2.91	0.02	0.91	2.59	2.81	-5.03	-2.53
MRBLD1TOR164_SIN		0.00	-18.89	-8.37	-24.90	-4.47	6.04	10.00	18.30	2.09	-1.56	4.82	6.48	3.40	1.15	-2.43	-0.84
MRFBM1CB26P5_COS		-4931.94	-531.67	-28.04	77.74	-0.83	-6.01	2.11	-16.75	-0.86	-1.14	12.23	0.48	1.18	-0.22	-5.80	-1.19
MRFBM1CB26P5_SIN		0.00	105.33	6.70	-20.30	-23.52	-14.67	-11.92	-12.07	-6.52	-4.64	-1.64	3.11	1.08	1.30	1.28	-1.90
MRFBM1FB9_COS		246.16	-110.13	153.91	-101.78	29.56	14.82	7.24	17.61	-0.79	-1.77	-5.17	0.04	-0.13	0.46	3.51	-1.08
MRFBM1FB9_SIN		0.00	-142.47	21.17	-80.00	-14.68	-1.12	4.54	9.12	5.57	2.55	1.33	-1.88	-1.16	-0.55	0.42	1.27
MRFBM1TOR26P5_COS		-354.43	70.58	-0.94	0.32	-0.22	-0.13	0.22	-0.19	0.19	0.02	-0.26	0.06	-0.02	0.03	0.19	0.09
MRFBM1TOR26P5_SIN		0.00	-104.91	0.45	-0.10	0.15	-0.22	0.08	0.22	0.10	0.11	-0.05	-0.23	-0.02	0.05	0.12	0.01

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-661.67	-1110.18	-42.57	251.85	-54.83	-62.20	-29.17	-141.33	11.56	12.83	40.09	14.49	5.92	1.85	-46.45	-0.02
MRPC1CB33P25_SIN		0.00	362.27	-10.51	4.43	70.65	-8.73	5.68	-23.17	-48.52	-20.54	-68.09	35.12	10.52	11.89	23.64	-16.77
MRPC1FB33P25_COS		2214.89	105.74	-341.72	405.17	-175.50	-91.24	-84.27	-315.35	-46.49	13.23	132.24	31.28	26.39	9.76	-123.16	-6.37
MRPC1FB33P25_SIN		0.00	90.13	-53.08	174.34	96.65	47.58	-3.07	-71.31	-109.32	-97.40	-53.64	50.23	22.68	27.57	47.72	-57.43
MRPC1TOR25P5_COS		-811.04	-58.09	-14.86	-67.16	6.43	15.59	-14.59	29.68	-12.84	-1.07	24.05	5.29	-3.43	-1.30	-10.03	-4.86
MRPC1TOR25P5_SIN		0.00	117.46	-53.25	0.89	-1.84	0.96	-4.06	-42.24	-4.14	4.26	-5.58	16.34	2.78	3.81	-6.50	-0.94
MRPLK1LOAD_COS		-84.89	-1.75	0.27	-8.55	1.39	2.80	-1.44	5.56	-1.50	-0.42	3.57	0.04	-0.57	-0.17	-1.73	-1.07
MRPLK1LOAD_SIN		0.00	-10.70	-4.08	-1.66	-1.48	0.08	-0.93	-5.35	-0.27	0.27	-0.19	2.64	0.14	0.27	-2.24	-0.01
PITCHRH_COS		11268.89	-8128.10	-781.35	-119.16	-38.22	-342.22	-74.50	-75.68	61.59	-18.17	66.10	-135.52	24.92	-39.10	-6.31	-452.58
PITCHRH_SIN		0.00	1943.82	-649.07	133.40	-50.84	532.91	61.44	31.06	-88.98	-107.31	-251.48	-5.67	-15.94	30.79	24.33	280.12
ROLLRH_COS		4066.21	-1814.65	660.04	-34.50	-361.59	-1001.39	-106.79	-113.03	90.64	79.64	365.26	-43.16	14.49	6.21	-33.19	-737.74
ROLLRH_SIN		0.00	-7913.30	-844.61	-11.13	180.36	187.79	-217.01	-61.34	59.95	-38.61	-28.11	-112.60	10.17	57.73	-9.95	-545.04
TORQ_COS		31342.57	241.82	5.47	5.98	-66.16	81.78	-3.59	16.95	-16.76	0.68	-21.10	1.41	3.20	-2.25	-2.37	13.84
TORQ_SIN		0.00	699.40	-20.21	-5.35	-76.59	53.87	1.63	43.27	-7.71	-5.29	1.53	3.80	-6.66	10.00	-10.25	-24.36
THRUST_COS		5793.81	-59.85	3.19	6.15	15.38	40.64	2.52	19.25	-3.92	-3.32	-43.06	1.53	-1.03	-0.65	4.59	19.94
THRUST_SIN		0.00	-100.60	6.30	2.50	31.56	-35.93	2.84	18.97	-1.55	3.14	31.79	-3.38	1.09	-0.50	-9.01	34.00

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.48	58.58	-18.55	-2.72	26.01	50.61	8.03	2.16	-2.62	-3.46	-14.33	2.50	-0.36	-0.34	0.60	21.71
SIDERH_SIN		0.00	191.65	17.82	3.72	-75.18	-77.33	10.62	0.71	-1.38	2.62	1.94	5.18	-0.15	-1.28	0.00	15.79
DRAGRH_COS		-152.12	214.37	18.07	-0.71	-7.26	25.81	-9.69	-2.96	-2.11	-0.84	3.49	7.05	-0.96	2.85	-0.45	18.35
DRAGRH_SIN		0.00	-63.22	17.60	-1.60	9.51	69.47	-18.86	0.24	6.38	5.71	11.06	-5.38	1.93	-1.33	-2.41	-11.80

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.25	-0.39	-0.08	-3.64	-2.66	-0.88	0.03	0.58	0.23	0.04	-0.03	0.27	0.16	0.14	0.17	-0.02
ACT1FORCE_SIN		0.00	11.97	1.68	1.02	0.58	-0.91	-0.35	-0.25	0.16	0.06	-0.15	0.06	0.02	-0.07	-0.02	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.40	-7.34	-3.17	30.58	24.56	11.31	-0.01	-0.04	-0.03	-0.04	0.01	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-90.69	-14.41	-9.49	-2.92	6.37	-0.02	0.00	0.00	-0.04	0.00	0.00	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.33	7.43	3.22	-30.59	-24.62	-11.38	-0.03	0.03	0.02	0.03	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	90.86	14.46	9.58	3.00	-6.34	0.01	-0.01	-0.02	0.02	-0.01	0.00	-0.01	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4694.12	-1330.02	32.63	244.73	-53.90	-84.84	-41.10	-134.54	31.15	23.58	25.40	18.24	2.09	-2.49	-50.20	-0.32
MRBLD1CB42P75_SIN		0.00	312.32	-37.81	57.48	170.28	-9.88	25.05	-17.75	-45.67	-7.98	-114.20	43.03	15.59	13.97	32.48	-13.06

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2857.47	-830.08	300.74	151.20	-22.15	-74.45	-54.83	-92.03	26.22	26.96	-5.50	13.10	1.76	0.80	-37.16	0.23
MRBLD1CB70_SIN		0.00	218.27	-71.23	98.87	311.63	18.30	67.92	15.75	-30.55	-2.84	-85.01	19.72	6.90	7.36	24.46	-17.24
MRBLD1CB120_COS		-420.74	-347.66	426.67	145.87	-6.17	-25.46	-42.53	-34.30	-28.67	-0.38	10.24	-1.78	3.75	6.34	-3.45	-0.50
MRBLD1CB120_SIN		0.00	195.27	-162.37	18.28	294.75	31.14	73.85	28.02	-5.22	-13.20	60.74	-16.18	0.17	0.88	-6.86	-10.09
MRBLD1CB164_COS		-1960.17	-112.86	140.26	34.94	-41.37	-2.02	-0.69	28.88	-33.36	-9.22	17.37	0.20	5.68	2.94	24.50	-3.29
MRBLD1CB164_SIN		0.00	102.91	-58.80	19.28	125.17	20.63	18.13	9.02	-4.04	-23.80	64.30	-5.28	4.66	-2.14	-10.05	16.20
MRBLD1FB42P75_COS		3014.17	184.08	-405.88	524.41	-137.38	-85.54	-83.18	-323.17	-116.82	-57.84	58.32	57.80	36.88	27.00	-22.38	-50.10
MRBLD1FB42P75_SIN		0.00	-66.97	15.63	90.61	135.32	84.39	28.10	66.50	-68.35	-89.30	-131.48	13.66	-1.97	11.31	125.62	-21.42
MRBLD1FB70_COS		396.04	-2.98	-185.91	144.81	-53.68	-21.62	-7.34	-42.92	-1.80	2.71	-0.50	-0.93	-2.50	-4.80	6.61	12.40
MRBLD1FB70_SIN		0.00	-195.90	29.86	23.41	32.81	7.49	7.52	17.76	-4.05	2.08	2.19	2.46	3.59	-1.26	-26.59	3.77
MRBLD1FB87_COS		-102.17	24.00	-153.08	47.28	-49.26	-22.16	-3.85	31.83	18.03	13.19	-5.78	-11.24	-5.21	-4.65	1.43	5.41
MRBLD1FB87_SIN		0.00	-198.06	52.03	51.88	19.52	2.72	-3.76	-6.93	5.40	11.45	29.61	-3.69	1.46	0.04	-23.45	4.97
MRBLD1FB120_COS		-489.40	21.51	-236.02	13.75	-14.88	3.40	9.06	62.18	2.04	-9.42	-6.62	1.38	3.21	5.49	-5.58	-9.71
MRBLD1FB120_SIN		0.00	-247.21	100.47	124.78	32.01	0.30	-20.61	-27.33	8.39	-0.53	-11.19	-0.44	-7.24	-2.60	35.23	-7.16
MRBLD1FB164_COS		-216.55	51.88	-339.64	68.93	145.48	70.13	3.92	-94.00	-6.00	10.83	4.41	-4.05	-3.85	-1.47	4.36	2.53
MRBLD1FB164_SIN		0.00	-310.75	112.38	150.32	-0.42	-27.13	16.67	27.80	-15.05	1.61	21.82	-2.58	1.82	1.73	-16.39	4.62

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.18	0.21	-192.79	30.97	113.36	50.86	-19.42	-89.08	18.53	18.29	-23.89	-16.78	8.51	10.57	-12.21	-13.17
MRBLD1FB180_SIN		0.00	-216.30	72.50	72.26	-5.25	-18.61	23.16	35.80	-20.70	-4.35	61.41	-0.74	-6.97	-9.04	41.57	-6.78
MRBLD1TOR51_COS		-1449.36	72.21	-22.22	78.27	-13.64	-24.01	4.88	-36.88	9.01	3.24	-12.09	-2.73	3.84	2.82	-10.21	-0.77
MRBLD1TOR51_SIN		0.00	-72.86	11.44	25.85	14.32	2.82	5.69	28.51	-2.78	-6.19	-0.11	-5.01	0.09	1.09	6.32	-5.43
MRBLD1TOR71_COS		-253.71	86.14	-30.36	54.00	-2.23	-12.15	11.26	-19.39	9.01	1.56	-13.19	-3.42	2.96	3.73	-6.66	-0.95
MRBLD1TOR71_SIN		0.00	-76.77	6.63	8.30	0.39	2.22	7.75	32.20	5.12	-0.83	5.71	-4.32	-1.12	-0.23	2.22	-3.08
MRBLD1TOR130_COS		-8.63	75.60	-9.12	30.39	13.71	-7.19	9.08	-19.74	5.40	2.27	6.56	1.04	0.93	-0.09	-0.91	-1.06
MRBLD1TOR130_SIN		0.00	-59.94	1.87	-0.52	0.31	5.59	9.78	22.86	1.15	-2.15	2.99	9.49	3.63	0.62	-3.21	3.16
MRBLD1TOR164_COS		-214.11	40.81	48.97	3.35	-7.92	-16.18	-0.73	-2.56	5.56	3.24	0.21	0.95	2.32	2.71	-4.55	-1.82
MRBLD1TOR164_SIN		0.00	-19.78	-8.19	-25.01	-3.56	5.47	9.69	16.35	1.94	-1.70	4.85	6.00	2.59	0.15	-2.20	-1.30
MRFBM1CB26P5_COS		-4940.42	-579.66	-29.30	78.99	-1.33	-5.58	1.71	-13.83	-1.30	-1.66	10.43	0.75	1.16	-0.46	-6.18	-1.34
MRFBM1CB26P5_SIN		0.00	71.05	4.84	-21.52	-24.11	-12.85	-12.35	-10.60	-6.06	-4.13	-2.48	3.08	1.54	1.54	1.35	-2.06
MRFBM1FB9_COS		253.92	-71.45	155.68	-103.36	25.55	15.02	6.94	15.11	-0.46	-1.64	-5.04	-0.06	-0.10	0.51	3.72	-0.90
MRFBM1FB9_SIN		0.00	-137.23	23.95	-80.04	-15.32	-0.51	4.67	8.89	5.71	2.64	1.97	-1.86	-1.23	-0.62	0.25	1.12
MRFBM1TOR26P5_COS		-354.33	70.86	-0.87	0.29	-0.26	-0.13	0.18	-0.16	0.18	0.02	-0.20	0.03	0.00	0.04	0.18	0.06
MRFBM1TOR26P5_SIN		0.00	-104.60	0.51	-0.07	0.16	-0.24	0.08	0.19	0.07	0.10	-0.04	-0.22	-0.01	0.06	0.09	0.01

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-660.76	-1191.04	-45.26	253.96	-49.56	-63.28	-28.07	-120.58	7.94	11.61	34.51	16.16	6.04	1.11	-46.94	-1.50
MRPC1CB33P25_SIN		0.00	311.50	-15.77	0.18	76.29	-9.31	2.39	-25.77	-46.89	-21.13	-72.64	33.44	12.64	13.52	27.78	-16.62
MRPC1FB33P25_COS		2218.15	131.21	-345.97	411.71	-148.67	-94.53	-76.51	-275.83	-53.15	6.07	117.50	32.19	26.44	7.30	-125.55	-9.57
MRPC1FB33P25_SIN		0.00	99.81	-54.12	172.98	91.72	44.68	-9.21	-81.30	-107.93	-95.47	-64.57	47.32	24.94	29.96	55.37	-57.07
MRPC1TOR25P5_COS		-811.98	-54.72	-16.51	-67.18	4.64	14.87	-13.84	25.15	-11.35	-0.79	21.99	5.86	-3.55	-1.82	-9.46	-3.76
MRPC1TOR25P5_SIN		0.00	118.61	-51.07	0.31	-0.45	2.32	-3.29	-37.15	-4.41	3.62	-6.66	15.50	2.25	2.64	-5.28	-0.86
MRPLK1LOAD_COS		-85.01	-1.78	0.19	-8.66	1.15	2.79	-1.40	4.89	-1.33	-0.36	3.23	0.16	-0.64	-0.30	-1.61	-0.72
MRPLK1LOAD_SIN		0.00	-10.82	-3.89	-1.76	-1.34	0.33	-0.83	-4.58	-0.30	0.23	-0.28	2.49	0.06	0.02	-1.98	0.07
PITCHRH_COS		10613.78	-8133.19	-766.39	-108.73	-20.67	-295.47	-106.41	-72.20	50.62	-25.37	53.24	-141.50	17.56	-14.55	-3.66	-425.07
PITCHRH_SIN		0.00	1982.50	-635.69	121.46	-54.64	445.92	32.57	9.24	-81.57	-97.10	-267.71	5.29	-3.46	42.21	12.52	266.07
ROLLRH_COS		3939.96	-1831.78	665.60	-32.83	-355.02	-946.08	-99.35	-87.08	85.60	77.53	342.25	-43.08	22.45	-12.18	-47.26	-706.22
ROLLRH_SIN		0.00	-7884.94	-842.30	-36.78	168.18	254.35	-238.52	-32.34	55.29	-25.01	-51.70	-113.59	25.64	14.57	0.19	-496.57
TORQ_COS		31257.09	241.52	5.91	4.63	-52.93	79.26	-4.09	8.15	-15.23	1.25	-15.94	1.87	2.61	-0.11	-0.62	13.48
TORQ_SIN		0.00	697.25	-17.73	-4.57	-86.02	53.53	0.42	35.92	-7.03	-5.73	2.84	1.85	-6.44	6.66	-10.67	-20.30
THRUST_COS		5817.69	-59.11	3.09	4.62	13.28	41.68	4.16	13.65	-2.46	-4.71	-36.21	1.34	-0.45	0.70	7.10	21.24
THRUST_SIN		0.00	-99.87	7.07	1.58	32.02	-32.78	4.39	16.30	-1.07	3.15	33.97	-4.11	0.07	-1.66	-12.78	32.55

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.32	58.69	-18.82	-1.29	31.46	43.21	8.50	1.55	-2.36	-3.81	-13.54	2.49	-0.75	0.21	0.95	20.64
SIDERH_SIN		0.00	187.33	17.55	4.69	-71.08	-77.49	12.67	0.69	-1.34	2.10	2.82	5.32	-0.68	0.15	-0.24	14.34
DRAGRH_COS		-155.32	213.64	17.15	-0.81	-6.42	41.35	-7.91	-0.07	-0.83	0.93	3.68	6.99	-0.55	1.14	-0.79	17.10
DRAGRH_SIN		0.00	-63.91	17.61	-0.30	7.59	70.64	-19.62	-0.81	5.93	4.65	12.03	-6.14	1.44	-1.44	-1.94	-11.42

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.48	-0.43	0.06	-3.74	-2.60	-0.97	0.06	0.59	0.29	0.05	-0.03	0.23	0.15	0.18	0.19	-0.02
ACT1FORCE_SIN		0.00	12.54	1.54	1.04	0.65	-0.90	-0.32	-0.27	0.18	0.03	-0.07	0.08	0.02	-0.07	0.01	0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.20	-6.98	-3.56	31.13	23.41	11.57	-0.01	-0.05	-0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-94.26	-12.54	-9.33	-4.07	7.01	-0.02	0.00	0.01	-0.02	-0.01	0.00	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.42	7.05	3.59	-31.16	-23.46	-11.63	-0.03	0.05	0.02	0.03	0.01	0.01	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	94.43	12.58	9.38	4.12	-7.00	0.00	-0.02	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.02
MRBLD1CB42P75_COS		-4681.82	-1317.48	19.17	232.15	-58.68	-81.55	-42.21	-160.28	32.49	23.76	35.26	2.94	-0.67	-5.94	-51.96	0.14
MRBLD1CB42P75_SIN		0.00	364.16	-26.15	54.11	164.74	-6.40	24.03	-18.69	-51.66	-6.34	-77.25	41.92	11.60	11.40	24.62	-15.75

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2853.76	-818.12	291.06	139.10	-37.97	-72.67	-55.37	-107.19	23.82	25.15	2.82	4.11	2.29	-2.93	-40.99	0.69
MRBLD1CB70_SIN		0.00	258.11	-65.32	93.98	304.10	27.21	70.41	14.34	-34.27	-0.07	-59.42	21.03	5.94	8.31	18.46	-17.55
MRBLD1CB120_COS		-421.88	-340.72	421.72	139.04	-16.64	-22.09	-43.20	-34.83	-35.66	-3.71	2.80	3.86	3.96	6.60	-3.01	0.14
MRBLD1CB120_SIN		0.00	217.79	-162.23	16.75	290.48	45.50	82.82	29.68	-4.45	-11.94	42.48	-15.67	1.38	1.96	-6.20	-8.86
MRBLD1CB164_COS		-1960.21	-111.06	139.11	31.00	-45.30	-2.70	-1.70	36.26	-37.21	-11.41	10.19	4.85	3.95	5.12	26.28	-4.07
MRBLD1CB164_SIN		0.00	109.51	-59.70	17.50	123.43	26.53	23.09	11.38	-1.88	-23.46	44.60	-6.04	4.24	-3.24	-6.14	15.24
MRBLD1FB42P75_COS		3017.22	172.00	-411.37	488.55	-104.48	-74.16	-88.21	-358.27	-120.37	-54.18	69.96	43.81	29.19	22.36	-29.69	-49.95
MRBLD1FB42P75_SIN		0.00	-80.55	19.37	93.48	142.45	91.57	35.83	83.62	-74.35	-88.83	-111.45	18.91	-1.32	10.46	117.34	-25.80
MRBLD1FB70_COS		399.22	-2.70	-187.40	133.77	-43.96	-17.84	-7.69	-48.77	-2.35	2.39	-0.08	-1.10	-2.42	-4.25	8.20	12.47
MRBLD1FB70_SIN		0.00	-196.67	31.24	22.09	33.67	8.89	8.76	21.23	-4.41	2.66	3.04	2.57	3.53	-1.15	-24.65	4.87
MRBLD1FB87_COS		-100.76	25.18	-153.32	40.28	-45.42	-22.33	-4.07	34.94	18.21	12.30	-9.36	-7.68	-3.40	-3.52	3.41	5.76
MRBLD1FB87_SIN		0.00	-199.83	52.83	49.79	19.39	2.01	-4.74	-8.66	6.31	11.34	24.49	-4.91	1.38	0.00	-22.03	5.51
MRBLD1FB120_COS		-489.35	22.67	-235.78	4.63	-16.64	0.08	8.85	70.77	4.04	-7.43	-4.54	0.83	3.15	5.15	-7.50	-9.54
MRBLD1FB120_SIN		0.00	-250.52	102.75	121.90	32.12	-0.67	-21.50	-32.43	8.73	-1.24	-10.27	0.06	-6.87	-2.29	32.79	-8.60
MRBLD1FB164_COS		-213.65	53.09	-337.46	58.54	132.57	70.36	6.27	-105.89	-9.21	7.46	0.76	-2.70	-3.12	-1.80	5.05	2.55
MRBLD1FB164_SIN		0.00	-316.51	118.49	149.87	-2.42	-25.60	19.82	34.87	-17.24	0.48	18.56	-3.69	1.43	1.71	-14.79	5.67

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.03	0.70	-191.31	27.15	104.96	52.00	-19.02	-101.24	14.27	13.22	-33.84	-11.92	10.69	11.20	-14.59	-13.78
MRBLD1FB180_SIN		0.00	-220.08	76.18	71.42	-7.49	-17.76	23.62	40.88	-22.19	-5.94	49.14	-2.18	-5.60	-8.71	37.45	-9.30
MRBLD1TOR51_COS		-1445.25	72.58	-25.09	75.45	-12.40	-23.82	2.63	-45.14	8.89	3.00	-12.09	-2.25	3.88	3.39	-8.91	0.64
MRBLD1TOR51_SIN		0.00	-71.08	12.41	24.30	16.50	3.32	3.85	31.60	-3.76	-6.46	-1.85	-4.24	0.43	0.87	5.68	-5.67
MRBLD1TOR71_COS		-250.32	86.37	-32.40	53.02	-1.45	-12.08	9.57	-25.19	8.68	1.02	-13.59	-2.71	3.11	4.06	-5.83	-0.29
MRBLD1TOR71_SIN		0.00	-75.88	6.97	7.15	2.10	2.15	6.09	35.17	4.71	-1.27	2.65	-3.56	-0.50	-0.18	1.57	-3.44
MRBLD1TOR130_COS		-5.69	76.00	-10.66	30.44	12.86	-6.75	8.08	-25.05	4.94	1.66	5.29	-0.33	0.87	-0.40	-1.58	-2.08
MRBLD1TOR130_SIN		0.00	-59.04	2.20	-0.80	0.55	5.17	9.01	25.44	0.75	-1.87	4.09	8.99	3.60	0.81	-3.80	2.93
MRBLD1TOR164_COS		-212.31	41.14	48.44	5.19	-6.68	-15.56	-1.43	-4.30	5.38	2.68	-0.50	0.92	2.72	2.31	-5.33	-2.74
MRBLD1TOR164_SIN		0.00	-18.20	-9.00	-24.77	-2.74	4.98	8.76	17.23	2.26	-1.41	4.14	6.02	2.95	0.70	-2.84	-1.32
MRFBM1CB26P5_COS		-4951.90	-564.63	-35.22	77.28	1.10	-5.18	1.52	-17.10	-0.16	-0.89	10.28	0.13	0.68	0.06	-5.31	-1.02
MRFBM1CB26P5_SIN		0.00	98.34	9.53	-20.88	-25.39	-13.70	-13.40	-10.15	-6.68	-4.38	-1.29	2.27	0.97	0.78	0.92	-2.40
MRFBM1FB9_COS		269.94	-93.58	161.79	-94.62	22.92	14.38	7.56	16.65	-0.55	-1.68	-4.53	0.33	-0.10	0.54	3.45	-1.21
MRFBM1FB9_SIN		0.00	-148.82	20.07	-77.16	-16.99	-1.85	4.92	9.60	6.00	2.19	0.56	-1.46	-1.06	-0.51	0.52	1.64
MRFBM1TOR26P5_COS		-354.29	71.08	-0.89	0.31	-0.32	-0.10	0.15	-0.20	0.17	0.03	-0.19	0.07	-0.01	0.04	0.18	0.09
MRFBM1TOR26P5_SIN		0.00	-104.52	0.47	-0.11	0.18	-0.27	0.05	0.20	0.07	0.11	-0.07	-0.20	-0.02	0.06	0.14	0.01

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-641.34	-1186.17	-56.74	244.61	-46.92	-60.85	-30.37	-142.32	9.99	12.64	40.81	5.27	3.00	-1.06	-47.76	-0.95
MRPC1CB33P25_SIN		0.00	352.65	-3.77	0.50	74.28	-7.89	1.86	-25.07	-51.89	-20.27	-49.94	32.26	9.54	11.22	21.18	-18.70
MRPC1FB33P25_COS		2223.59	119.78	-351.24	381.65	-124.98	-88.30	-83.42	-310.27	-53.40	8.05	114.14	18.71	21.63	5.02	-123.49	-6.29
MRPC1FB33P25_SIN		0.00	87.86	-52.30	169.37	104.80	53.89	-4.36	-82.33	-113.96	-92.86	-42.40	41.92	20.07	26.32	43.53	-59.78
MRPC1TOR25P5_COS		-817.02	-55.88	-13.15	-65.76	3.08	14.46	-11.97	32.16	-11.25	-0.57	22.04	2.75	-3.74	-3.41	-11.22	-5.79
MRPC1TOR25P5_SIN		0.00	115.58	-52.67	1.85	-2.22	2.30	-0.98	-40.67	-3.29	4.12	-1.18	14.23	1.76	2.78	-7.77	-1.40
MRPLK1LOAD_COS		-85.32	-1.64	0.53	-8.35	0.87	2.66	-1.11	5.95	-1.28	-0.35	3.14	-0.16	-0.60	-0.48	-1.85	-1.13
MRPLK1LOAD_SIN		0.00	-10.77	-4.07	-1.61	-1.58	0.31	-0.52	-5.08	-0.12	0.33	0.26	2.30	0.06	0.10	-2.47	-0.07
PITCHRH_COS		10929.37	-8499.88	-778.03	-118.59	-26.79	-178.32	-55.45	-58.07	36.46	-24.92	59.80	-128.55	-0.09	-34.66	-18.24	-446.63
PITCHRH_SIN		0.00	2025.49	-616.06	142.69	-46.76	422.13	36.95	68.45	-89.24	-80.51	-263.59	4.82	0.21	-1.17	11.03	252.47
ROLLRH_COS		4146.46	-1901.97	656.37	-50.17	-337.40	-1006.12	-131.64	-117.43	101.59	75.20	352.37	-47.31	-19.73	-25.78	-52.37	-702.96
ROLLRH_SIN		0.00	-8257.04	-838.10	-48.23	182.67	412.24	-222.65	-27.60	42.72	2.88	-20.57	-104.58	26.50	36.27	-7.38	-519.84
TORQ_COS		31154.19	242.42	3.07	3.64	-46.03	74.40	-1.71	23.13	-20.49	-0.32	-17.71	2.32	4.36	-2.55	0.66	14.61
TORQ_SIN		0.00	705.16	-15.22	0.18	-83.11	58.63	4.16	32.21	-6.31	-5.14	3.24	3.46	-7.42	9.30	-10.09	-16.48
THRUST_COS		5851.59	-56.53	2.10	5.67	11.21	38.12	4.30	19.46	-1.64	-4.36	-37.87	2.04	0.91	-0.11	7.07	19.47
THRUST_SIN		0.00	-101.21	7.08	4.79	30.83	-36.45	2.40	10.05	-1.59	1.70	31.05	-3.08	0.91	-0.60	-12.69	33.52

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.11	60.94	-18.67	-1.39	27.45	44.63	8.91	1.33	-2.88	-3.66	-13.61	2.51	0.74	0.78	1.36	20.43
SIDERH_SIN		0.00	198.63	17.86	3.47	-73.02	-91.61	10.98	0.43	-0.83	0.48	1.47	4.78	-0.80	-0.63	-0.08	15.19
DRAGRH_COS		-152.15	223.91	17.19	0.91	-5.93	45.87	-12.27	-1.74	-1.97	0.20	2.34	5.94	-0.93	2.66	0.25	18.39
DRAGRH_SIN		0.00	-66.11	17.11	-1.24	9.48	91.47	-15.21	2.00	4.87	3.33	11.61	-5.04	1.01	0.34	-2.14	-10.30

RUN	POINT	Harmonics															
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.22	-0.37	-0.16	-3.60	-2.50	-0.71	0.17	0.60	0.23	0.07	-0.07	0.27	0.11	0.11	0.15	-0.04
ACT1FORCE_SIN		0.00	11.29	1.63	0.84	0.35	-1.02	-0.29	-0.28	0.21	0.08	-0.14	0.11	-0.02	-0.04	-0.03	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		391.81	-7.05	-1.94	31.41	23.52	9.00	0.00	-0.04	-0.01	-0.03	0.00	0.00	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-86.23	-13.57	-8.06	-1.18	8.20	-0.02	-0.01	-0.01	-0.03	0.00	0.00	0.01	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		413.80	7.11	1.98	-31.43	-23.59	-9.06	-0.02	0.03	0.02	0.03	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	86.39	13.61	8.12	1.23	-8.20	0.00	-0.01	-0.01	0.01	-0.01	0.00	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4605.73	-1680.53	22.93	260.90	-49.52	-89.74	-42.19	-143.98	32.44	30.25	27.15	8.25	-0.20	-2.89	-54.14	2.83
MRBLD1CB42P75_SIN		0.00	-124.24	-42.16	63.94	154.73	-3.83	27.18	0.32	-58.60	-5.05	-93.78	47.99	14.64	15.93	18.65	-11.68

RUN	POINT	Harmonics															
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2919.33	-1033.19	290.50	173.42	-2.50	-87.82	-57.33	-100.35	24.35	30.47	2.47	9.14	0.42	1.36	-40.48	3.21
MRBLD1CB70_SIN		0.00	-67.51	-72.32	104.25	292.79	31.53	61.56	33.26	-39.08	-1.75	-82.72	23.11	5.89	10.77	12.00	-14.97
MRBLD1CB120_COS		-401.87	-416.51	413.96	162.53	6.99	-39.81	-41.60	-42.26	-35.81	-9.26	10.35	4.91	4.70	5.78	-3.45	-1.09
MRBLD1CB120_SIN		0.00	72.69	-157.95	25.01	272.98	48.93	63.68	46.83	2.07	-11.86	52.83	-18.47	-0.81	-0.34	-7.14	-8.76
MRBLD1CB164_COS		-1956.89	-128.69	135.83	38.81	-37.09	-6.36	1.35	27.52	-37.92	-17.62	10.15	4.98	6.73	1.98	24.83	-4.78
MRBLD1CB164_SIN		0.00	73.14	-56.94	21.45	114.47	26.68	11.33	11.10	4.15	-22.92	65.21	-7.59	3.46	-6.65	-3.30	14.01
MRBLD1FB42P75_COS		2992.10	273.29	-400.41	534.55	-181.22	-79.74	-80.98	-326.12	-119.47	-53.77	76.56	51.99	36.75	23.06	-47.69	-38.79
MRBLD1FB42P75_SIN		0.00	43.41	18.66	108.47	88.19	70.36	32.70	124.13	-65.85	-75.80	-90.72	20.37	-3.07	12.61	116.88	-20.92
MRBLD1FB70_COS		397.38	-9.65	-183.61	147.31	-66.59	-21.22	-7.60	-43.31	-2.08	3.21	0.66	-0.21	-2.62	-4.59	12.25	10.56
MRBLD1FB70_SIN		0.00	-190.63	26.89	29.54	18.89	6.66	9.65	27.20	-4.12	2.81	2.91	3.29	4.40	-1.53	-25.11	3.92
MRBLD1FB87_COS		-103.14	18.19	-150.86	47.80	-53.32	-21.27	-3.06	32.40	18.17	11.65	-9.96	-9.14	-4.54	-4.33	6.21	3.34
MRBLD1FB87_SIN		0.00	-190.08	48.85	55.38	14.99	3.96	-3.00	-12.13	5.10	9.07	20.31	-6.20	1.47	-0.17	-21.69	4.56
MRBLD1FB120_COS		-489.23	18.24	-229.53	16.40	-10.03	3.45	8.72	62.15	3.22	-8.38	-5.82	0.48	3.15	5.77	-12.39	-6.14
MRBLD1FB120_SIN		0.00	-235.54	92.41	124.07	32.50	-3.33	-23.74	-41.39	8.85	-0.70	-9.13	0.32	-7.35	-1.51	32.70	-6.87
MRBLD1FB164_COS		-214.57	51.96	-333.90	78.74	162.48	66.47	5.28	-96.62	-8.57	8.12	1.52	-3.12	-3.36	-0.98	8.50	1.60
MRBLD1FB164_SIN		0.00	-291.53	105.57	147.07	19.96	-23.03	17.40	45.20	-16.27	1.30	16.31	-6.39	0.56	0.99	-16.03	3.17

RUN	POINT	Harmonics															
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-216.73	6.11	-187.31	39.01	125.82	48.89	-21.00	-93.24	11.60	9.20	-35.64	-13.86	9.09	8.62	-22.93	-9.93
MRBLD1FB180_SIN		0.00	-204.12	65.87	65.66	4.37	-18.55	20.94	48.36	-25.60	-7.89	42.92	-8.37	-10.68	-8.96	39.93	-4.95
MRBLD1TOR51_COS		-1448.38	67.07	-23.59	80.17	-18.78	-23.76	6.08	-38.70	6.21	1.18	-11.48	-0.76	4.42	1.88	-11.20	-0.05
MRBLD1TOR51_SIN		0.00	-71.27	11.42	31.39	8.49	0.07	5.36	37.98	-3.82	-7.85	-4.90	-5.97	0.17	0.46	3.41	-4.67
MRBLD1TOR71_COS		-252.45	84.53	-30.96	54.39	-6.68	-12.39	11.87	-19.90	6.46	-0.31	-12.57	-1.59	3.45	3.36	-7.69	-0.94
MRBLD1TOR71_SIN		0.00	-70.73	6.23	12.62	-2.62	-0.29	7.31	38.56	4.26	-2.71	0.29	-5.69	-1.32	-0.35	0.34	-3.02
MRBLD1TOR130_COS		-6.95	73.35	-8.78	31.08	11.00	-8.42	9.61	-20.46	3.51	1.09	6.09	0.48	0.73	0.47	-1.04	-1.75
MRBLD1TOR130_SIN		0.00	-56.31	1.17	1.87	1.38	4.10	8.70	29.08	1.03	-1.42	5.01	8.64	2.75	0.86	-2.63	2.75
MRBLD1TOR164_COS		-213.19	38.94	47.76	2.98	-10.59	-16.84	-1.14	-2.14	5.11	2.72	0.52	1.15	2.53	3.24	-5.65	-2.72
MRBLD1TOR164_SIN		0.00	-20.27	-8.62	-23.97	-6.31	5.02	8.81	17.24	1.42	-1.33	4.62	5.76	1.77	-0.02	-2.84	-0.56
MRFBM1CB26P5_COS		-4898.13	-750.12	-30.44	80.55	-4.04	-3.91	2.43	-14.31	-0.45	-0.88	7.92	0.07	1.14	-0.42	-6.59	-1.31
MRFBM1CB26P5_SIN		0.00	-163.30	7.92	-21.04	-22.10	-13.91	-11.17	-9.65	-7.50	-3.26	2.04	3.01	1.55	0.64	0.97	-1.92
MRFBM1FB9_COS		262.65	103.57	149.50	-105.49	27.91	14.00	6.96	17.21	-0.50	-1.56	-4.38	0.31	-0.03	0.60	3.43	-0.86
MRFBM1FB9_SIN		0.00	-9.84	19.27	-84.59	-7.81	0.47	4.12	6.95	5.77	2.29	0.75	-1.75	-1.36	-0.50	1.15	0.80
MRFBM1TOR26P5_COS		-352.47	81.69	-0.81	0.48	-0.44	-0.07	0.14	-0.16	0.17	0.00	-0.18	0.05	0.04	-0.02	0.22	0.10
MRFBM1TOR26P5_SIN		0.00	-109.25	0.58	0.02	0.06	-0.30	0.14	0.19	0.15	0.05	-0.09	-0.16	0.02	0.06	0.10	0.04

RUN	POINT	Harmonics															
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-591.45	-1507.26	-53.61	264.07	-55.81	-61.61	-26.49	-127.69	7.96	14.69	33.01	9.74	5.04	0.89	-50.41	1.47
MRPC1CB33P25_SIN		0.00	-50.68	-20.33	5.25	64.20	-7.82	6.87	-9.27	-54.90	-17.37	-52.19	36.18	11.53	14.08	16.04	-13.84
MRPC1FB33P25_COS		2202.53	198.99	-346.00	418.02	-172.27	-87.21	-76.55	-300.85	-56.72	2.25	107.47	23.97	27.06	4.05	-134.20	-4.84
MRPC1FB33P25_SIN		0.00	204.26	-50.41	189.03	41.58	36.16	-5.06	-37.85	-107.09	-83.08	-25.14	48.18	24.01	28.71	28.10	-47.30
MRPC1TOR25P5_COS		-808.73	-38.08	-24.67	-69.21	9.17	12.97	-15.66	24.53	-8.22	1.33	20.63	2.49	-4.45	-0.62	-10.38	-5.01
MRPC1TOR25P5_SIN		0.00	113.12	-53.90	-6.15	1.56	6.35	-3.23	-46.06	-3.92	6.36	1.79	15.50	0.78	4.38	-6.66	-2.76
MRPLK1LOAD_COS		-84.92	0.58	0.59	-9.08	2.10	2.65	-1.72	4.99	-0.87	0.03	3.11	-0.32	-0.71	0.00	-1.74	-1.07
MRPLK1LOAD_SIN		0.00	-13.62	-3.74	-2.43	-0.65	0.82	-0.77	-5.87	-0.25	0.56	0.78	2.15	-0.20	0.27	-2.24	-0.24
PITCHRH_COS		7578.08	-8502.74	-672.98	-80.91	-73.06	-455.31	-59.43	-67.79	5.62	1.82	45.24	-124.09	16.86	-51.85	-16.29	-495.01
PITCHRH_SIN		0.00	2081.30	-590.94	53.10	-32.29	352.13	88.38	18.01	-19.72	-126.40	-181.95	-45.29	-2.34	42.29	39.55	266.64
ROLLRH_COS		1513.23	-1913.97	682.88	8.55	-452.54	-747.03	-72.53	-60.02	59.60	69.47	298.69	-18.10	-10.88	24.53	-23.06	-667.32
ROLLRH_SIN		0.00	-8223.29	-803.00	-51.98	142.42	61.95	-215.61	-18.39	9.24	-38.10	-33.22	-103.13	16.35	29.35	-9.44	-630.42
TORQ_COS		32379.38	260.32	5.95	0.53	-74.92	88.96	-1.49	6.00	-16.76	-1.97	-10.13	1.56	1.34	-1.21	-4.16	15.42
TORQ_SIN		0.00	632.75	-17.97	1.68	-91.99	43.15	2.12	44.31	-0.75	-6.15	-13.26	4.76	-6.30	9.94	-8.87	-22.34
THRUST_COS		5820.18	-59.39	1.95	5.04	17.82	40.13	1.96	13.46	-1.05	-2.99	-36.17	1.63	-0.22	0.35	5.43	12.40
THRUST_SIN		0.00	-101.71	7.14	2.12	33.91	-30.11	2.76	17.80	-1.76	4.54	12.28	-2.44	1.11	-0.53	-7.27	31.02

RUN	POINT	Harmonics															
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.53	56.96	-19.56	-5.14	43.36	37.13	6.62	1.32	-0.39	-3.21	-11.40	1.33	0.81	-0.87	0.30	19.23
SIDERH_SIN		0.00	195.65	15.94	3.41	-75.79	-59.43	11.80	0.10	0.20	2.88	1.80	4.83	-0.39	-0.71	-0.09	17.91
DRAGRH_COS		-185.98	223.46	12.46	-0.97	-10.48	32.78	-7.34	0.26	0.43	-2.32	6.29	6.79	-0.33	2.11	-0.35	20.92
DRAGRH_SIN		0.00	-66.41	16.50	2.15	4.86	50.76	-18.83	-1.60	3.86	6.36	9.29	-3.65	0.04	-1.85	-2.74	-12.43

RUN	POINT	Harmonics															
61	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.37	-0.12	-0.36	-3.63	-2.20	-0.42	0.67	0.60	0.12	-0.13	0.03	0.29	0.07	0.06	0.10	-0.01
ACT1FORCE_SIN		0.00	11.79	1.60	0.75	0.27	-0.81	-0.47	-0.06	0.10	-0.05	-0.16	0.04	0.10	-0.16	-0.01	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		320.01	-10.23	-0.45	30.17	21.37	5.79	-5.90	0.00	0.00	0.00	0.01	0.01	-0.01	-0.02	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-89.21	-13.69	-5.44	-0.33	5.42	5.87	-0.02	-0.02	0.00	0.00	0.01	0.00	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		485.72	10.33	0.49	-30.20	-21.44	-5.86	5.87	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	89.38	13.75	5.54	0.39	-5.41	-5.92	0.00	0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-4363.32	-1418.76	63.94	215.95	-74.77	-113.06	-49.35	-127.07	50.24	39.80	26.76	30.96	9.54	-2.08	-62.50	3.89
MRBLD1CB42P75_SIN		0.00	-14.56	-22.14	89.71	142.24	-26.29	26.94	-33.11	-43.34	0.10	-72.22	40.82	18.47	13.18	19.90	-17.38

RUN	POINT	Harmonics															
61	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3031.08	-857.75	313.89	129.10	-36.66	-123.92	-69.32	-92.47	38.17	39.14	4.49	20.12	2.48	-1.56	-46.32	5.67
MRBLD1CB70_SIN		0.00	28.34	-61.47	127.16	296.22	-4.60	65.85	3.72	-29.32	-1.26	-58.51	18.86	5.51	3.83	12.15	-22.76
MRBLD1CB120_COS		-408.84	-348.45	420.25	116.55	-39.80	-71.25	-53.22	-39.76	-36.49	-10.80	9.10	-4.47	1.90	5.99	-1.49	1.63
MRBLD1CB120_SIN		0.00	138.87	-152.35	43.34	288.66	7.50	57.39	13.37	-9.37	-12.01	41.98	-13.31	-2.82	-0.46	-9.67	-10.53
MRBLD1CB164_COS		-1966.67	-115.96	138.98	16.25	-59.46	-17.55	-2.14	23.30	-44.36	-22.72	11.24	1.52	10.50	5.20	26.14	-10.46
MRBLD1CB164_SIN		0.00	94.08	-54.66	24.50	120.62	15.45	11.85	5.54	-8.94	-21.40	50.21	-1.44	3.57	-3.67	-1.19	22.40
MRBLD1FB42P75_COS		2934.87	183.61	-383.68	452.47	-252.16	-83.58	-113.37	-348.80	-117.45	-48.03	53.88	63.28	42.49	21.02	-60.94	-52.85
MRBLD1FB42P75_SIN		0.00	17.77	25.14	165.72	86.88	59.78	5.71	25.81	-71.29	-58.81	-89.30	2.53	-7.88	7.60	121.51	-39.14
MRBLD1FB70_COS		410.40	-19.01	-170.20	119.68	-85.76	-23.95	-11.72	-44.20	0.29	4.61	3.40	2.45	-0.87	-3.27	15.09	13.20
MRBLD1FB70_SIN		0.00	-193.28	30.26	48.70	17.19	4.37	3.88	9.62	-6.48	1.04	1.48	2.99	4.64	-0.67	-25.80	8.11
MRBLD1FB87_COS		-89.62	9.55	-144.51	32.73	-59.18	-20.64	-0.70	34.97	17.82	9.44	-6.86	-12.61	-5.85	-3.70	8.28	5.99
MRBLD1FB87_SIN		0.00	-195.87	49.04	65.43	14.49	7.72	-0.94	-3.24	7.36	8.70	20.69	-1.27	2.21	1.69	-22.05	8.53
MRBLD1FB120_COS		-469.70	11.80	-221.95	7.14	-1.50	7.96	14.32	64.59	1.35	-8.56	-6.88	1.28	3.05	4.02	-16.43	-10.01
MRBLD1FB120_SIN		0.00	-251.64	88.76	125.66	31.49	1.47	-16.36	-15.34	8.83	-1.29	-6.82	-0.45	-7.17	-3.72	32.49	-13.14
MRBLD1FB164_COS		-186.31	49.81	-328.11	79.30	193.45	68.46	-0.17	-93.83	-6.37	8.40	5.46	-1.98	-1.39	2.41	13.74	5.17
MRBLD1FB164_SIN		0.00	-313.17	100.93	153.50	31.79	-40.26	0.22	7.35	-15.44	7.02	15.94	-5.16	-0.47	2.85	-15.70	5.67

RUN	POINT	Harmonics															
61	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-195.68	5.14	-182.27	41.51	148.14	51.64	-27.75	-89.90	18.93	8.89	-27.70	-23.30	-3.09	-2.69	-32.28	-15.23
MRBLD1FB180_SIN		0.00	-219.96	63.68	69.15	13.69	-32.65	3.83	12.06	-22.27	-2.80	43.64	-3.04	-16.41	-15.05	40.81	-9.02
MRBLD1TOR51_COS		-1456.93	64.05	-15.86	63.24	-29.48	-26.34	4.18	-43.62	4.02	1.05	-8.16	-2.38	1.50	0.94	-11.06	2.59
MRBLD1TOR51_SIN		0.00	-74.46	16.94	38.83	5.83	-10.89	5.19	22.14	-6.44	-7.70	-3.99	-6.05	-3.16	-4.15	1.93	-6.67
MRBLD1TOR71_COS		-259.77	78.95	-25.15	43.10	-13.61	-13.57	11.26	-24.71	4.86	-0.37	-9.12	-4.06	1.18	2.31	-7.13	1.42
MRBLD1TOR71_SIN		0.00	-73.80	10.89	17.08	-4.74	-9.47	8.10	27.43	1.64	-3.14	0.70	-5.48	-4.23	-3.56	-1.32	-4.00
MRBLD1TOR130_COS		-10.90	71.84	-3.98	29.16	7.13	-10.21	9.91	-23.38	2.83	1.21	5.55	2.24	2.81	0.00	-2.42	-3.66
MRBLD1TOR130_SIN		0.00	-59.03	3.36	4.17	1.61	-4.99	8.86	17.80	-2.17	-0.79	4.72	9.41	4.07	2.53	-3.20	3.16
MRBLD1TOR164_COS		-220.65	40.45	49.60	5.05	-15.46	-19.61	-1.30	-2.45	7.22	3.22	-0.76	-0.13	3.34	3.02	-6.65	-3.85
MRBLD1TOR164_SIN		0.00	-19.62	-8.40	-23.90	-7.79	2.36	9.41	12.92	0.39	-0.04	5.58	5.30	1.78	1.80	-2.49	-0.71
MRFBM1CB26P5_COS		-4685.64	-609.30	-17.41	75.63	-2.77	-2.92	3.52	-12.21	-0.49	-1.35	6.21	0.98	1.85	0.17	-6.68	-0.90
MRFBM1CB26P5_SIN		0.00	-87.76	14.31	-17.61	-26.37	-13.87	-12.31	-10.26	-5.93	-2.64	-0.84	1.63	1.65	1.47	-0.19	-2.93
MRFBM1FB9_COS		281.81	-32.72	138.99	-82.80	36.47	14.96	7.34	14.49	-0.74	-1.31	-3.79	-0.68	-0.45	0.36	3.73	-1.41
MRFBM1FB9_SIN		0.00	-9.79	12.40	-93.03	-5.24	2.22	6.56	11.42	5.62	1.60	0.73	-2.05	-1.65	-0.59	1.17	1.25
MRFBM1TOR26P5_COS		-336.76	81.58	-0.78	0.39	-0.31	-0.04	0.15	-0.19	0.17	0.00	-0.10	0.02	-0.03	0.02	0.25	0.08
MRFBM1TOR26P5_SIN		0.00	-106.24	0.45	-0.08	-0.08	-0.36	0.14	0.11	0.10	-0.01	-0.07	-0.18	-0.02	0.00	0.13	0.00

RUN	POINT	Harmonics															
61	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-434.76	-1291.12	-15.57	229.23	-75.00	-73.50	-32.99	-114.69	19.65	19.46	30.06	24.40	11.64	1.61	-57.04	3.51
MRPC1CB33P25_SIN		0.00	20.52	-0.53	30.20	50.95	-20.43	1.67	-39.68	-45.88	-12.55	-45.55	29.72	14.27	12.27	15.19	-20.80
MRPC1FB33P25_COS		2141.82	121.90	-335.19	343.23	-229.93	-88.61	-92.97	-280.24	-51.75	-1.07	89.13	43.07	34.35	6.09	-146.47	4.50
MRPC1FB33P25_SIN		0.00	168.95	-46.22	220.90	26.01	25.17	-37.44	-123.63	-110.78	-67.47	-35.32	42.39	24.98	23.66	19.57	-69.34
MRPC1TOR25P5_COS		-790.34	-34.56	-34.20	-53.04	19.04	14.63	-13.31	30.06	-4.18	2.61	14.54	5.44	-0.23	-0.94	-11.70	-6.09
MRPC1TOR25P5_SIN		0.00	99.10	-66.82	-19.90	-0.45	15.56	-6.46	-34.11	-2.63	6.19	1.79	14.05	4.67	9.07	-8.21	-2.41
MRPLK1LOAD_COS		-78.70	1.61	-0.75	-7.33	3.50	2.85	-1.47	5.79	-0.35	0.15	2.16	0.05	0.01	-0.23	-1.85	-1.19
MRPLK1LOAD_SIN		0.00	-11.15	-4.38	-3.80	-0.41	2.46	-0.71	-3.82	0.02	0.93	0.73	2.16	0.43	1.16	-2.56	0.01
PITCHRH_COS		9643.29	-8279.96	-589.23	-93.42	-74.47	-615.72	-96.98	-18.08	45.72	9.17	140.79	-135.97	2.03	-48.41	-0.91	-545.54
PITCHRH_SIN		0.00	1986.84	-524.68	71.54	-20.80	373.06	101.38	3.91	-71.12	-99.26	-167.96	-10.61	-0.81	47.98	21.25	225.32
ROLLRH_COS		1603.17	-1821.44	565.30	-48.75	-489.53	-953.43	-86.03	-13.72	104.73	89.23	303.21	-54.80	-16.36	7.10	-60.60	-654.35
ROLLRH_SIN		0.00	-8058.64	-657.72	-18.39	88.78	-64.88	-258.68	-37.68	32.79	29.58	-114.06	-74.00	18.51	-3.00	-19.82	-840.31
TORQ_COS		37021.92	249.16	5.66	5.37	-64.05	125.89	-3.94	-5.09	-21.21	-2.78	-6.60	2.72	1.79	-2.98	-3.86	11.02
TORQ_SIN		0.00	690.16	-16.34	2.55	-115.00	56.75	-1.59	30.87	-6.94	-2.35	-2.78	6.27	-7.91	7.87	-8.23	-28.29
THRUST_COS		5833.52	-55.09	1.79	9.52	14.03	42.01	1.40	3.34	-2.25	-6.20	-31.34	5.18	0.72	-0.47	9.80	4.42
THRUST_SIN		0.00	-103.08	5.50	-1.33	42.15	-27.12	4.00	15.15	-0.04	2.92	25.54	-1.72	1.33	-0.28	-11.13	40.44

RUN	POINT	Harmonics															
61	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.52	61.58	-15.39	-2.68	54.60	57.16	6.00	-0.27	-2.71	-4.79	-12.27	2.82	0.68	-0.59	1.54	18.86
SIDERH_SIN		0.00	200.92	12.76	4.99	-73.50	-61.60	17.80	1.23	-0.76	-0.30	4.92	3.85	-0.36	0.24	0.19	23.46
DRAGRH_COS		-157.74	219.04	11.08	-1.12	-9.73	13.45	-1.18	0.24	-2.30	-1.09	1.35	6.09	-0.35	2.65	-0.36	21.39
DRAGRH_SIN		0.00	-65.46	14.90	-0.80	5.97	55.47	-31.11	-0.04	5.29	4.55	5.89	-4.70	1.97	-1.31	-2.03	-11.38

RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-44.04	0.04	-0.24	-3.56	-2.34	-0.40	0.71	0.65	0.23	-0.18	0.02	0.28	0.11	0.06	0.12	-0.01
ACT1FORCE_SIN		0.00	11.98	1.23	0.82	0.26	-0.74	-0.63	-0.16	0.15	0.03	-0.07	0.03	0.05	-0.18	-0.01	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.54	-15.06	-5.70	31.40	22.54	3.40	-5.46	-0.01	-0.01	0.00	0.02	0.02	0.00	-0.03	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-91.94	-5.81	-5.76	-1.90	5.46	8.54	-0.03	-0.03	-0.01	-0.01	0.02	0.01	0.02	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		460.16	15.18	5.74	-31.42	-22.60	-3.46	5.41	0.00	0.01	0.01	-0.01	-0.02	0.00	0.03	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	92.11	5.85	5.87	2.00	-5.45	-8.59	0.01	0.02	0.02	0.01	-0.02	0.00	-0.03	0.00	0.01
MRBLD1CB42P75_COS		-4414.76	-1243.06	88.13	234.87	-77.26	-118.17	-47.21	-142.03	48.62	35.75	26.00	28.84	7.09	-2.53	-70.81	5.33
MRBLD1CB42P75_SIN		0.00	136.57	-21.75	85.68	152.68	-26.39	37.14	-39.51	-44.98	-8.12	-80.15	37.78	16.25	15.47	22.84	-18.02

RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3007.35	-750.07	332.35	144.90	-38.90	-119.29	-72.38	-98.62	37.90	35.42	-2.27	19.56	1.53	-2.00	-54.91	4.20
MRBLD1CB70_SIN		0.00	120.41	-59.44	128.29	301.38	-2.09	79.72	6.14	-32.51	-8.14	-70.00	17.66	7.52	6.45	16.70	-21.21
MRBLD1CB120_COS		-407.23	-306.58	440.11	131.07	-38.51	-60.43	-62.20	-44.39	-36.70	-8.72	11.88	-3.80	3.36	5.90	-2.83	0.14
MRBLD1CB120_SIN		0.00	171.44	-150.67	42.34	294.91	14.74	68.88	27.67	-10.74	-7.15	46.26	-11.42	-0.37	0.89	-9.83	-11.21
MRBLD1CB164_COS		-1965.79	-105.75	145.49	23.91	-58.53	-10.07	-5.82	25.72	-43.84	-19.66	16.45	1.77	11.31	5.83	32.54	-8.43
MRBLD1CB164_SIN		0.00	101.84	-55.33	23.30	124.87	16.36	12.69	14.15	-7.50	-14.28	59.67	0.00	3.00	-5.18	-4.47	20.52
MRBLD1FB42P75_COS		2958.86	135.63	-372.77	495.00	-239.15	-94.66	-97.11	-378.52	-110.36	-37.61	79.69	68.62	46.55	28.87	-65.62	-55.24
MRBLD1FB42P75_SIN		0.00	-6.68	15.04	132.16	121.89	74.99	17.11	47.39	-68.42	-60.13	-89.39	6.24	-7.14	17.08	146.50	-37.76
MRBLD1FB70_COS		410.78	-16.43	-168.17	134.54	-82.56	-27.57	-9.78	-51.25	-0.24	3.58	1.51	0.26	-2.86	-5.02	15.98	13.55
MRBLD1FB70_SIN		0.00	-190.14	27.03	37.84	27.90	7.64	7.52	13.23	-5.97	1.34	1.97	2.96	4.14	-2.47	-30.46	7.79
MRBLD1FB87_COS		-92.20	10.76	-146.53	39.87	-58.81	-22.30	-1.18	37.64	16.90	8.35	-11.14	-12.88	-6.16	-5.10	9.69	6.62
MRBLD1FB87_SIN		0.00	-194.19	47.58	59.61	18.12	6.91	-1.49	-4.94	6.26	8.08	20.49	-2.08	2.12	-0.62	-27.74	7.85
MRBLD1FB120_COS		-473.40	14.54	-228.66	13.50	-3.17	10.09	14.22	74.51	2.54	-8.14	-5.02	2.94	4.77	6.11	-18.31	-10.82
MRBLD1FB120_SIN		0.00	-250.08	87.60	123.34	30.04	-2.36	-21.42	-21.38	9.54	-0.55	-6.97	-0.17	-6.72	0.14	41.84	-11.57
MRBLD1FB164_COS		-184.43	46.89	-330.93	82.25	185.73	75.85	-4.84	-110.69	-6.33	8.19	4.11	-3.50	-2.00	1.25	15.05	6.01
MRBLD1FB164_SIN		0.00	-312.70	98.46	155.34	17.94	-37.10	6.32	14.50	-17.77	4.31	15.11	-6.18	-0.18	0.22	-21.16	4.52

RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-191.79	3.09	-181.60	42.93	144.88	55.04	-28.62	-102.84	18.23	7.08	-33.62	-17.70	3.38	-0.72	-35.91	-17.08
MRBLD1FB180_SIN		0.00	-219.17	62.06	71.24	3.81	-30.56	10.34	19.36	-27.51	-7.08	43.56	-3.50	-15.04	-8.80	54.33	-6.54
MRBLD1TOR51_COS		-1452.80	68.98	-11.69	69.62	-26.72	-24.65	6.66	-47.37	6.18	0.93	-9.65	-0.93	3.62	0.20	-15.79	0.10
MRBLD1TOR51_SIN		0.00	-70.53	16.46	34.83	9.81	-6.41	4.99	24.15	-5.15	-8.21	-4.88	-5.85	-1.68	-1.64	3.98	-6.82
MRBLD1TOR71_COS		-256.65	81.52	-22.21	47.26	-11.19	-11.68	13.05	-27.07	6.21	-0.85	-11.06	-3.05	2.67	1.68	-10.17	-0.25
MRBLD1TOR71_SIN		0.00	-72.13	10.70	14.37	-2.30	-5.46	7.30	29.43	2.72	-3.55	-0.18	-5.62	-2.99	-2.17	0.13	-4.01
MRBLD1TOR130_COS		-8.11	73.99	-2.12	29.90	9.58	-8.11	10.68	-26.60	3.16	0.85	5.72	1.46	2.10	0.36	-0.36	-2.06
MRBLD1TOR130_SIN		0.00	-56.90	3.85	2.70	1.36	-1.28	8.48	19.57	-1.15	-1.32	5.06	8.72	3.57	1.18	-3.63	3.46
MRBLD1TOR164_COS		-219.04	42.54	50.07	3.74	-14.04	-19.43	0.65	-3.45	6.24	2.93	-0.46	0.06	2.62	2.99	-5.94	-2.30
MRBLD1TOR164_SIN		0.00	-17.83	-6.92	-24.63	-6.34	3.52	10.54	14.37	0.55	-1.03	5.27	5.94	2.68	1.77	-2.52	-0.55
MRFBM1CB26P5_COS		-4717.69	-521.31	-6.92	77.68	-2.58	-4.73	4.91	-14.54	-0.36	-0.76	9.17	1.08	2.10	0.08	-7.53	-0.77
MRFBM1CB26P5_SIN		0.00	-9.06	13.83	-19.39	-24.60	-14.25	-13.09	-13.15	-5.28	-2.08	1.96	2.14	1.46	2.17	0.04	-3.23
MRFBM1FB9_COS		303.57	-115.41	129.62	-94.96	36.50	15.89	6.94	16.07	-1.04	-1.60	-4.15	-0.63	-0.53	0.63	4.47	-1.47
MRFBM1FB9_SIN		0.00	-25.80	15.48	-89.78	-9.57	1.32	5.28	11.41	5.17	1.43	0.27	-2.32	-1.77	-0.90	1.34	1.15
MRFBM1TOR26P5_COS		-336.56	81.13	-0.87	0.39	-0.27	0.00	0.18	-0.22	0.17	0.00	-0.16	0.04	-0.02	0.02	0.20	0.05
MRFBM1TOR26P5_SIN		0.00	-107.16	0.38	-0.12	-0.07	-0.34	0.11	0.13	0.10	0.01	-0.11	-0.15	-0.03	0.03	0.12	-0.01

RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-478.91	-1135.84	9.04	246.14	-75.23	-80.20	-28.89	-130.30	19.73	18.68	35.23	23.31	10.54	1.13	-65.91	3.83
MRPC1CB33P25_SIN		0.00	146.72	-0.71	23.36	62.60	-20.66	6.91	-45.34	-45.43	-15.69	-45.70	29.32	13.41	15.74	18.44	-21.90
MRPC1FB33P25_COS		2161.25	80.02	-322.96	383.51	-227.29	-101.24	-84.00	-311.08	-47.52	7.29	108.23	44.56	36.85	4.22	-169.88	2.70
MRPC1FB33P25_SIN		0.00	143.91	-54.84	201.15	56.85	33.20	-23.28	-119.72	-106.20	-63.67	-20.97	48.12	28.68	35.31	29.01	-71.04
MRPC1TOR25P5_COS		-793.75	-42.49	-34.64	-58.55	16.29	12.65	-15.51	33.67	-7.19	2.55	17.18	4.04	-2.95	0.03	-7.90	-2.15
MRPC1TOR25P5_SIN		0.00	93.97	-69.29	-15.94	-4.11	10.27	-5.44	-36.18	-3.28	6.27	2.69	13.23	3.36	6.15	-9.56	-2.37
MRPLK1LOAD_COS		-79.35	1.39	-1.17	-8.09	3.00	2.53	-1.78	6.35	-0.74	0.13	2.61	-0.21	-0.39	-0.10	-1.19	-0.53
MRPLK1LOAD_SIN		0.00	-11.65	-4.29	-3.11	-0.91	1.77	-0.65	-4.07	-0.12	0.83	0.92	1.99	0.28	0.61	-2.69	0.12
PITCHRH_COS		11025.80	-8297.57	-618.80	-89.84	-53.50	-537.83	-94.71	-71.05	47.03	9.81	135.60	-129.81	4.59	-55.84	-3.86	-553.08
PITCHRH_SIN		0.00	1989.05	-522.71	111.84	-31.52	501.93	78.07	26.25	-70.79	-103.21	-131.48	-5.63	-8.52	38.03	18.15	217.81
ROLLRH_COS		1985.44	-1814.80	546.95	-52.17	-449.72	-1133.81	-63.01	-85.12	98.47	83.65	305.10	-55.26	-6.44	-19.84	-62.41	-638.14
ROLLRH_SIN		0.00	-8054.07	-683.72	-33.64	98.68	-61.90	-227.07	-39.81	32.02	3.90	-98.46	-82.06	6.00	52.30	-35.39	-863.74
TORQ_COS		36299.09	256.26	3.76	4.77	-58.03	128.25	-5.90	8.43	-20.17	-1.12	-17.90	3.02	2.63	-2.50	-2.23	14.39
TORQ_SIN		0.00	713.94	-17.96	-3.74	-112.32	59.84	-0.82	49.17	-9.02	-3.00	-10.20	7.55	-7.06	7.99	-7.34	-27.95
THRUST_COS		5900.14	-55.07	3.00	7.54	12.80	48.04	1.67	14.45	-2.86	-5.55	-41.39	4.33	-0.11	0.14	11.91	5.61
THRUST_SIN		0.00	-105.30	7.20	-0.74	39.57	-29.76	4.47	21.48	-0.45	2.25	17.42	-2.15	1.11	-1.54	-10.74	38.38

RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.94	61.10	-15.35	-1.65	47.59	65.30	6.40	1.69	-2.52	-4.44	-12.33	2.94	0.40	0.32	1.47	18.90
SIDERH_SIN		0.00	198.06	13.56	6.31	-70.02	-70.63	12.97	0.55	-0.80	1.06	4.73	3.95	0.06	-1.43	0.63	24.44
DRAGRH_COS		-147.88	218.79	12.79	-1.89	-10.12	10.53	-6.00	-2.46	-1.29	-1.99	3.19	5.71	-0.61	3.24	-0.18	21.78
DRAGRH_SIN		0.00	-65.29	14.68	-0.96	7.59	67.60	-23.17	-0.69	4.61	5.31	4.93	-4.38	1.34	-0.69	-1.85	-10.59

RUN	POINT	Harmonics															
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.30	-0.46	-0.05	-3.56	-2.82	-0.84	0.06	0.58	0.20	0.07	0.01	0.35	0.22	0.08	0.11	0.01
ACT1FORCE_SIN		0.00	12.89	1.51	1.57	0.54	-0.94	-0.31	-0.44	0.15	-0.06	-0.14	0.01	0.05	0.02	-0.04	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		390.90	-7.74	-4.58	30.64	25.46	10.22	-0.02	-0.04	-0.01	-0.03	0.01	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-98.54	-11.49	-13.56	-4.22	6.66	-0.02	-0.02	-0.01	-0.03	0.01	0.01	0.02	-0.01	-0.02	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		414.81	7.83	4.63	-30.65	-25.51	-10.29	-0.01	0.03	0.01	0.02	0.00	0.02	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	98.71	11.54	13.65	4.31	-6.64	0.00	0.00	0.00	0.02	-0.02	-0.01	-0.01	0.00	0.01	0.02
MRBLD1CB42P75_COS		-4119.79	-1432.48	13.37	248.39	-22.92	-62.49	-32.37	-158.57	8.92	28.84	18.69	21.64	5.40	1.07	-28.73	-7.74
MRBLD1CB42P75_SIN		0.00	34.27	-44.13	56.69	134.51	11.40	29.61	52.84	-58.91	-8.86	-109.82	54.55	15.90	13.13	45.62	-15.90

RUN	POINT	Harmonics															
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2786.50	-884.42	275.34	155.21	29.01	-26.05	-43.28	-99.82	6.66	29.48	-1.60	17.66	4.17	3.35	-19.79	-8.38
MRBLD1CB70_SIN		0.00	41.38	-83.68	98.72	253.70	33.96	59.90	64.81	-38.13	-4.49	-87.36	29.67	6.92	4.41	32.73	-19.19
MRBLD1CB120_COS		-499.67	-368.73	398.73	143.34	33.98	30.15	-29.84	-12.97	-27.24	-7.51	13.96	-2.04	3.92	6.60	-4.17	-2.33
MRBLD1CB120_SIN		0.00	113.95	-171.94	17.48	233.53	35.84	53.30	46.10	6.28	-8.47	62.79	-23.18	-1.91	-2.24	-3.83	-7.45
MRBLD1CB164_COS		-1970.58	-117.99	125.39	34.84	-23.81	21.27	2.46	46.21	-25.36	-17.61	12.34	-0.56	5.38	1.24	14.30	2.72
MRBLD1CB164_SIN		0.00	78.45	-61.43	21.43	100.80	19.57	6.87	-3.77	9.55	-18.34	69.90	-13.91	0.89	-2.86	-17.57	17.42
MRBLD1FB42P75_COS		2946.09	206.74	-394.76	550.65	-165.57	-49.91	-78.32	-281.49	-124.23	-60.13	56.65	58.07	34.72	29.14	34.22	-56.00
MRBLD1FB42P75_SIN		0.00	-28.77	21.24	78.84	107.09	87.50	32.69	202.65	-54.10	-70.34	-99.81	10.75	-9.46	0.11	104.94	-4.59
MRBLD1FB70_COS		394.23	-9.87	-181.13	153.85	-61.73	-12.05	-5.28	-36.68	-3.73	3.91	1.38	0.89	-1.11	-5.31	-5.75	12.94
MRBLD1FB70_SIN		0.00	-201.30	30.17	21.75	21.94	9.82	7.30	40.47	-4.98	1.02	1.56	3.02	4.54	0.93	-23.41	-0.22
MRBLD1FB87_COS		-93.13	17.63	-149.31	54.14	-52.01	-19.30	-2.89	27.29	17.52	11.31	-6.26	-12.20	-4.87	-4.92	-9.64	7.05
MRBLD1FB87_SIN		0.00	-198.22	53.56	53.70	18.60	6.27	-2.24	-19.24	3.37	8.36	22.85	-4.10	2.15	2.39	-17.87	2.89
MRBLD1FB120_COS		-477.84	21.22	-230.42	25.60	-12.13	-0.96	6.39	52.52	7.43	-7.92	-6.99	1.69	1.45	5.10	11.03	-12.07
MRBLD1FB120_SIN		0.00	-239.55	102.03	123.54	34.54	-3.83	-21.23	-60.54	7.97	-0.01	-8.42	0.12	-8.01	-5.61	27.74	-4.82
MRBLD1FB164_COS		-245.02	62.53	-328.92	82.94	153.00	54.61	7.03	-81.21	-15.10	6.85	3.67	-5.52	-2.73	-1.15	-3.40	4.76
MRBLD1FB164_SIN		0.00	-323.44	120.30	140.23	12.58	-34.79	13.92	72.67	-13.96	1.40	18.05	-4.31	0.85	2.65	-12.65	3.74

RUN	POINT	Harmonics															
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-278.88	11.14	-185.50	38.36	118.64	41.67	-16.04	-78.64	3.18	6.95	-24.86	-19.86	2.25	5.94	8.07	-14.79
MRBLD1FB180_SIN		0.00	-233.25	75.93	63.34	-1.96	-24.64	20.67	75.76	-23.38	-4.82	50.32	-6.65	-13.70	-17.17	30.92	-4.68
MRBLD1TOR51_COS		-1505.04	65.02	-13.59	81.53	-14.17	-24.05	0.56	-29.49	3.91	-0.94	-11.33	-2.05	4.16	4.39	-2.62	-1.08
MRBLD1TOR51_SIN		0.00	-120.98	9.26	27.01	13.44	8.37	2.95	52.37	-3.80	-7.00	-1.96	-6.48	-2.17	-0.93	8.02	-6.21
MRBLD1TOR71_COS		-326.34	80.77	-21.71	55.79	-3.65	-14.64	6.58	-11.37	5.89	-1.55	-11.78	-3.00	3.01	4.36	-2.83	-0.90
MRBLD1TOR71_SIN		0.00	-119.39	5.29	9.75	1.51	5.82	4.61	47.28	3.76	-1.96	3.61	-6.40	-2.84	-1.80	3.61	-3.22
MRBLD1TOR130_COS		-89.29	71.57	-0.89	31.83	13.95	-9.65	5.13	-13.56	3.37	1.01	6.37	1.63	1.50	-0.50	-4.38	-1.03
MRBLD1TOR130_SIN		0.00	-105.66	0.24	0.02	2.46	8.64	6.58	36.82	0.31	-1.08	4.30	8.04	3.05	0.96	-1.98	3.98
MRBLD1TOR164_COS		-265.07	35.55	52.37	1.82	-8.22	-14.36	-2.62	0.53	5.44	2.72	1.10	1.18	2.27	1.80	-6.00	-2.95
MRBLD1TOR164_SIN		0.00	-52.44	-11.01	-23.74	-5.34	10.05	8.82	19.35	0.92	-1.36	5.46	5.06	1.46	-1.16	0.14	0.61
MRFBM1CB26P5_COS		-4790.25	-612.26	-33.01	78.82	-2.74	-13.69	1.73	-19.05	-2.19	-1.32	6.89	0.73	0.82	0.63	-4.21	-1.41
MRFBM1CB26P5_SIN		0.00	-53.70	4.42	-22.11	-19.23	-9.45	-9.75	-2.20	-7.90	-3.22	-1.14	2.65	1.14	1.82	4.28	-1.73
MRFBM1FB9_COS		235.82	-16.85	151.54	-112.23	25.72	11.64	5.94	18.70	0.42	-1.48	-4.43	-0.10	-0.52	0.08	2.83	-0.75
MRFBM1FB9_SIN		0.00	-58.78	17.65	-78.68	-12.41	-4.93	3.27	1.74	5.78	2.25	1.62	-2.22	-1.27	-0.81	-1.39	1.77
MRFBM1TOR26P5_COS		-352.17	74.42	-0.73	0.38	-0.30	-0.05	0.08	-0.09	0.15	-0.01	-0.18	0.00	0.04	0.04	0.29	0.07
MRFBM1TOR26P5_SIN		0.00	-95.24	0.31	0.02	0.14	-0.16	0.17	0.22	0.16	0.03	-0.07	-0.16	-0.02	0.06	-0.01	-0.01

RUN	POINT	Harmonics															
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-935.62	-1300.72	-60.86	262.31	-41.68	-55.24	-21.93	-138.73	-7.76	12.18	25.98	17.89	8.91	3.89	-26.99	-8.47
MRPC1CB33P25_SIN		0.00	61.76	-17.39	0.58	57.99	7.29	8.26	35.75	-53.94	-19.52	-64.45	37.85	11.83	11.72	41.16	-17.04
MRPC1FB33P25_COS		2229.05	147.67	-335.68	432.77	-163.08	-65.81	-73.89	-297.03	-67.21	-5.41	97.52	35.08	30.34	18.19	-74.29	-28.82
MRPC1FB33P25_SIN		0.00	135.11	-48.99	167.24	59.52	57.52	-3.30	41.42	-99.26	-81.81	-43.58	45.61	17.84	25.18	94.15	-52.38
MRPC1TOR25P5_COS		-692.12	-48.29	-24.31	-73.52	7.91	17.59	-8.78	15.76	-7.25	3.91	20.72	5.96	-3.70	-3.40	-16.42	-6.42
MRPC1TOR25P5_SIN		0.00	181.35	-50.26	-2.77	-4.10	-1.41	0.96	-56.29	-3.92	5.07	-3.83	16.71	4.47	4.57	-0.29	1.59
MRPLK1LOAD_COS		-74.77	0.41	-0.87	-9.46	1.55	2.79	-0.79	3.56	-0.63	0.35	3.11	0.11	-0.63	-0.69	-3.33	-1.06
MRPLK1LOAD_SIN		0.00	-3.59	-3.36	-2.07	-1.48	-0.18	-0.34	-7.60	-0.31	0.33	0.20	2.24	0.36	0.37	-1.13	0.61
PITCHRH_COS		11189.31	-8198.05	-859.57	-115.35	10.69	-565.29	-107.00	21.42	18.95	-49.84	4.18	-85.55	11.27	-19.23	16.51	-286.02
PITCHRH_SIN		0.00	2449.18	-567.09	131.69	-48.39	408.37	186.94	49.63	-39.25	-117.77	-158.60	-0.39	42.35	89.81	-0.04	398.26
ROLLRH_COS		1971.14	-2148.96	582.80	-30.90	-101.62	-617.87	-154.78	-68.73	115.94	78.62	264.27	-34.80	-10.20	61.22	-37.21	-782.23
ROLLRH_SIN		0.00	-7821.88	-950.33	-46.08	241.59	-28.05	-236.05	-3.53	-4.21	-42.99	-108.63	-57.13	60.74	12.70	7.19	-214.87
TORQ_COS		31425.76	272.06	-10.27	-4.98	-81.87	96.76	-3.15	30.72	-12.23	-0.88	-5.78	4.45	1.45	0.06	-6.04	-4.92
TORQ_SIN		0.00	642.99	-16.94	3.70	-56.25	41.56	0.60	16.40	4.41	-3.66	-5.36	4.74	-9.22	5.24	-7.61	-23.35
THRUST_COS		5737.60	-13.64	2.63	0.79	16.11	28.40	2.34	19.05	-4.63	-2.55	-25.08	2.38	1.65	-0.09	-1.24	23.43
THRUST_SIN		0.00	-26.07	2.64	3.78	24.70	-42.68	4.96	2.69	-1.72	4.04	21.90	-2.90	-2.85	-1.50	-8.42	27.83

RUN	POINT	Harmonics															
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.09	41.04	-15.69	-1.45	-20.34	39.69	9.70	-0.12	-2.67	-3.34	-10.75	1.88	0.51	-1.84	0.55	22.66
SIDERH_SIN		0.00	170.50	15.53	4.33	-67.16	-44.72	13.17	-0.02	0.06	3.33	4.50	3.10	-1.81	-0.20	-0.37	6.22
DRAGRH_COS		-171.71	222.69	15.97	1.34	-9.31	11.26	-6.57	-0.95	1.19	-0.35	7.15	5.23	-1.16	1.02	-1.80	11.75
DRAGRH_SIN		0.00	-62.11	9.84	0.05	9.25	23.03	-34.53	3.56	5.32	8.12	6.13	-3.41	0.38	-3.90	-0.81	-17.23

RUN	POINT	Harmonics															
44	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.58	0.13	-0.23	-3.25	-2.86	-0.61	0.01	0.77	0.32	-0.02	0.08	0.18	0.27	0.09	0.16	-0.03
ACT1FORCE_SIN		0.00	10.72	1.71	0.78	0.37	-0.88	-0.71	-0.36	0.09	0.14	-0.14	0.11	0.07	-0.09	0.05	0.08
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.69	-13.48	-2.79	30.65	25.89	5.48	0.90	0.01	-0.01	0.00	0.02	0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-81.45	-12.38	-5.84	-4.12	7.26	9.74	-0.07	-0.02	-0.01	-0.02	-0.01	0.02	0.02	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.38	13.60	2.85	-30.68	-25.96	-5.56	-0.97	-0.02	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	81.60	12.43	5.94	4.23	-7.23	-9.77	0.05	0.01	-0.01	0.01	0.01	-0.01	-0.02	-0.01	0.01
MRBLD1CB42P75_COS		-4221.44	-1302.28	6.98	252.12	-60.49	-74.76	-32.37	-168.20	37.98	37.49	57.17	-2.77	-7.28	-6.70	-33.58	-4.19
MRBLD1CB42P75_SIN		0.00	-394.07	-50.42	73.23	154.48	-23.04	18.83	7.91	-54.23	7.36	-105.52	57.80	13.41	3.33	24.15	-18.47

RUN	POINT	Harmonics															
44	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2802.80	-807.29	285.22	150.16	-40.02	-53.77	-51.40	-110.36	25.83	35.13	26.89	4.12	-1.28	-2.78	-24.57	-2.31
MRBLD1CB70_SIN		0.00	-221.12	-64.96	107.42	289.48	-4.51	63.11	34.16	-33.88	9.93	-84.55	33.26	8.74	-0.46	20.21	-17.99
MRBLD1CB120_COS		-462.57	-343.12	424.83	144.12	-20.81	-2.90	-42.77	-30.48	-32.31	-5.22	-6.43	6.03	6.02	7.17	-0.65	2.48
MRBLD1CB120_SIN		0.00	21.65	-143.43	25.65	273.42	11.98	76.52	35.14	-5.28	-16.15	68.58	-21.24	2.02	3.47	-2.56	-7.25
MRBLD1CB164_COS		-1948.46	-113.95	137.76	31.65	-46.24	7.15	0.17	44.18	-31.30	-10.14	-6.87	3.82	5.91	4.28	16.09	-2.87
MRBLD1CB164_SIN		0.00	61.99	-52.50	21.36	111.94	12.74	21.05	6.04	-1.64	-29.32	70.55	-12.29	4.23	2.69	-9.96	14.79
MRBLD1FB42P75_COS		3232.08	180.99	-414.89	518.15	-124.02	-94.41	-76.72	-341.88	-103.29	-25.45	93.44	52.91	29.84	23.60	1.86	-54.17
MRBLD1FB42P75_SIN		0.00	96.00	-14.66	124.63	123.51	82.79	17.78	109.36	-107.32	-99.88	-94.51	41.05	10.68	8.00	82.72	-23.29
MRBLD1FB70_COS		411.49	3.63	-193.53	146.94	-49.68	-21.91	-5.81	-50.03	-3.29	2.75	-1.75	-2.02	-3.25	-4.87	1.18	12.66
MRBLD1FB70_SIN		0.00	-200.29	15.57	33.34	26.91	6.51	7.26	28.52	-7.30	2.17	1.35	2.19	2.27	-0.56	-18.18	5.21
MRBLD1FB87_COS		-84.28	28.08	-162.44	42.89	-51.24	-24.84	-4.48	32.39	15.63	8.21	-13.68	-10.11	-4.31	-4.23	-3.26	6.92
MRBLD1FB87_SIN		0.00	-197.24	42.77	57.83	16.71	1.31	-2.96	-9.80	11.54	14.20	25.02	-8.77	-0.32	1.21	-15.38	4.07
MRBLD1FB120_COS		-484.84	31.12	-245.83	5.99	-20.47	1.95	9.32	72.53	5.20	-8.70	-3.13	2.95	5.16	5.99	1.63	-11.59
MRBLD1FB120_SIN		0.00	-244.69	85.79	128.17	32.52	-1.06	-21.32	-45.02	10.80	-3.18	-12.76	0.63	-5.39	-3.62	23.20	-6.38
MRBLD1FB164_COS		-188.86	64.81	-349.54	58.88	131.94	72.79	5.63	-107.81	-9.30	8.98	-0.86	-2.94	-2.37	-1.40	1.18	5.08
MRBLD1FB164_SIN		0.00	-304.68	90.38	158.84	21.14	-20.86	22.79	49.81	-20.71	2.78	20.07	-5.43	-0.52	2.47	-10.22	3.11

RUN	POINT	Harmonics															
44	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.30	6.50	-198.98	24.12	104.15	50.30	-18.68	-103.01	13.19	14.77	-35.45	-12.69	13.49	13.73	-0.34	-15.22
MRBLD1FB180_SIN		0.00	-211.03	58.95	76.56	11.01	-12.94	22.31	55.83	-20.65	-4.31	43.98	-12.87	-4.48	-8.19	24.88	-6.60
MRBLD1TOR51_COS		-1415.99	71.37	-24.59	76.05	-11.09	-21.44	5.80	-44.14	7.73	5.41	-9.66	-0.36	3.95	3.41	-3.83	-0.60
MRBLD1TOR51_SIN		0.00	-79.86	7.29	30.84	11.69	1.40	4.24	45.08	-2.09	-6.04	-3.42	-5.43	1.35	1.71	5.45	-5.58
MRBLD1TOR71_COS		-270.83	86.63	-31.16	53.61	0.43	-10.30	11.14	-24.80	6.12	1.75	-12.77	-0.93	3.41	4.00	-2.81	-0.81
MRBLD1TOR71_SIN		0.00	-76.79	2.67	11.85	-0.74	2.12	7.12	45.97	6.57	-1.54	1.43	-5.81	-0.11	1.01	2.18	-3.13
MRBLD1TOR130_COS		-29.27	76.19	-9.12	30.02	14.34	-5.63	8.96	-23.92	4.09	2.65	3.90	-2.48	-0.29	-0.49	-3.02	-1.76
MRBLD1TOR130_SIN		0.00	-63.91	0.05	1.15	0.08	5.41	8.72	34.69	2.09	-0.75	5.08	8.43	2.44	0.29	-3.21	2.38
MRBLD1TOR164_COS		-225.10	39.90	48.93	4.76	-5.29	-15.63	-0.65	-4.39	4.62	3.37	-1.40	-0.42	1.56	2.73	-3.84	-1.71
MRBLD1TOR164_SIN		0.00	-25.24	-5.70	-24.90	-6.07	3.94	7.65	21.52	3.74	-0.86	4.66	5.35	2.79	0.61	-1.27	-2.12
MRFBM1CB26P5_COS		-4788.96	-511.52	-35.90	83.67	2.12	-8.57	4.98	-19.05	1.90	0.30	8.51	-0.02	-0.27	0.99	-3.75	-0.60
MRFBM1CB26P5_SIN		0.00	-241.38	0.74	-18.65	-21.32	-9.56	-13.37	-6.63	-8.99	-2.66	-0.33	4.08	0.91	2.01	1.49	-2.87
MRFBM1FB9_COS		319.65	-72.99	160.07	-98.76	25.24	15.20	5.91	17.65	-2.06	-2.79	-5.35	0.80	0.27	0.33	2.25	-1.08
MRFBM1FB9_SIN		0.00	99.63	33.19	-86.49	-16.69	-0.43	4.50	7.84	6.33	1.54	0.22	-2.44	-1.24	-0.46	-0.39	1.48
MRFBM1TOR26P5_COS		-354.26	88.57	-0.63	0.36	-0.37	0.07	-0.01	-0.14	0.09	0.02	-0.16	0.07	0.05	-0.04	0.26	0.02
MRFBM1TOR26P5_SIN		0.00	-98.69	0.18	0.24	-0.06	-0.28	0.25	0.15	0.24	0.03	-0.04	-0.21	0.05	0.06	0.06	0.04

RUN	POINT	Harmonics															
44	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1052.46	-1211.08	-72.98	273.42	-52.19	-60.12	-19.00	-148.86	18.47	24.92	52.65	0.19	-0.69	-1.63	-30.19	-4.22
MRPC1CB33P25_SIN		0.00	-336.26	-26.43	20.28	69.12	-15.55	-1.57	-4.77	-56.59	-11.94	-59.43	43.09	12.44	6.53	22.23	-20.13
MRPC1FB33P25_COS		2277.22	102.31	-354.13	399.51	-135.52	-101.75	-67.61	-308.56	-26.70	34.16	122.61	11.92	12.25	7.89	-75.08	-10.00
MRPC1FB33P25_SIN		0.00	249.29	-87.74	199.41	82.40	40.27	-14.55	-54.83	-129.53	-86.01	-18.57	63.42	27.96	23.83	50.32	-62.25
MRPC1TOR25P5_COS		-763.76	-52.78	-16.26	-72.94	2.49	9.82	-14.49	32.40	-9.42	-1.74	19.86	-0.27	-5.31	-2.95	-12.36	-4.02
MRPC1TOR25P5_SIN		0.00	141.92	-61.20	-7.27	-2.91	0.52	-3.96	-53.81	-6.99	4.56	-0.98	16.65	-1.08	0.11	-5.02	-2.72
MRPLK1LOAD_COS		-83.57	3.65	0.76	-8.76	0.93	1.94	-1.45	5.87	-0.98	-0.31	2.77	-0.60	-0.66	-0.43	-2.16	-0.71
MRPLK1LOAD_SIN		0.00	-11.10	-3.11	-2.58	-0.98	0.58	-0.91	-6.65	-0.49	0.23	0.71	2.14	-0.47	-0.23	-1.86	-0.18
PITCHRH_COS		9790.01	-8698.49	-383.21	-30.91	-25.72	-472.23	-167.85	-25.44	76.63	-5.87	78.65	-94.24	17.02	17.50	-21.65	-394.48
PITCHRH_SIN		0.00	2299.02	-693.71	96.21	-60.75	425.63	41.31	143.78	-22.44	-96.73	-200.70	10.50	12.12	99.95	-12.75	158.65
ROLLRH_COS		-628.34	-1947.81	760.13	-26.75	-213.48	-847.30	-190.37	-47.40	117.57	92.23	303.09	-43.48	-27.35	65.41	-25.19	-523.32
ROLLRH_SIN		0.00	-8334.18	-517.23	-19.69	101.81	86.95	-260.85	9.32	72.99	-6.44	10.34	-63.09	25.58	-20.24	-30.91	-482.10
TORQ_COS		30898.32	392.11	-3.82	-2.86	-47.76	73.88	-3.11	30.39	-19.52	-1.70	-8.50	0.88	4.03	-3.23	-4.13	15.87
TORQ_SIN		0.00	695.73	-25.93	11.06	-77.06	63.88	1.70	19.22	-2.47	-9.94	-0.33	1.92	-6.13	3.97	-10.11	-15.43
THRUST_COS		5807.95	-55.01	6.19	7.90	10.19	44.17	3.66	23.42	-4.79	-5.21	-34.05	2.67	1.16	-3.17	1.34	7.55
THRUST_SIN		0.00	-61.52	7.79	8.52	29.37	-35.72	8.14	1.47	0.96	0.56	19.80	-4.15	0.45	-2.19	-7.08	38.07

RUN	POINT	Harmonics															
44	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.88	33.13	-17.93	-2.28	4.05	52.72	10.35	-1.23	-2.39	-4.50	-11.83	2.31	1.02	-2.04	0.57	15.24
SIDERH_SIN		0.00	177.71	11.09	2.89	-53.53	-67.22	15.30	-0.98	-1.90	1.06	-0.26	3.66	-1.18	0.47	0.44	13.46
DRAGRH_COS		-145.21	228.59	11.25	-3.07	-7.22	36.85	-5.27	-2.30	-2.18	-1.33	2.06	5.43	-1.99	-1.03	0.17	16.27
DRAGRH_SIN		0.00	-60.55	14.85	0.11	7.05	55.75	-24.39	3.46	7.00	5.04	10.87	-4.40	-0.28	-3.16	-0.14	-6.27

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-5.85	-0.88	-3.91	-2.60	-0.68	-0.50	0.25	0.26	0.28	-0.04	0.09	0.00	0.08	0.00	0.03	0.04
ACT1FORCE_SIN		0.00	13.54	1.01	-0.70	-0.42	0.18	-0.20	-0.05	0.01	0.19	0.07	0.17	0.07	-0.03	0.02	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		520.65	-3.89	30.32	23.36	10.12	8.53	0.01	0.02	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-108.43	-10.60	11.18	6.72	-5.42	0.00	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		284.93	3.89	-30.36	-23.40	-10.14	-8.57	-0.01	-0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	108.63	10.64	-11.21	-6.76	5.40	0.00	0.00	-0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-2121.88	-2011.04	332.06	-36.55	-66.18	-93.89	-96.38	-90.50	-2.84	31.61	29.03	13.12	23.39	20.00	-0.55	0.06
MRBLD1CB42P75_SIN		0.00	222.08	2.95	142.21	69.07	-69.13	40.13	26.98	-3.34	14.19	16.16	66.19	22.96	16.21	14.79	-7.68

RUN	POINT	Harmonics															
48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3482.97	-1268.79	369.91	-140.72	-24.87	-39.67	-72.45	-66.78	4.95	36.58	13.39	13.18	15.18	16.16	2.58	6.67
MRBLD1CB70_SIN		0.00	217.96	-23.48	147.26	281.97	-73.95	84.16	48.15	4.61	12.32	-2.67	46.79	9.03	7.14	12.54	-5.09
MRBLD1CB120_COS		-542.69	-492.22	361.52	-128.09	-18.68	44.03	-6.89	-24.08	-26.28	-8.36	7.34	4.36	-2.98	-4.38	-3.52	1.82
MRBLD1CB120_SIN		0.00	276.86	-104.25	73.05	274.12	-34.57	70.50	28.08	-2.37	-3.06	5.42	-25.22	-6.47	-1.36	0.68	1.03
MRBLD1CB164_COS		-1975.03	-149.87	125.80	-78.29	-53.05	48.58	45.24	14.60	-29.82	-23.79	8.13	3.61	-3.15	-10.07	-4.92	-9.96
MRBLD1CB164_SIN		0.00	131.90	-36.46	26.68	116.13	13.72	20.54	-5.85	-3.57	-5.52	16.45	-25.47	-1.59	-0.18	-2.46	8.39
MRBLD1FB42P75_COS		2716.17	364.26	-188.10	138.86	-258.33	-164.46	-185.73	-199.20	-125.15	-38.83	81.20	37.53	48.64	41.71	19.39	-12.62
MRBLD1FB42P75_SIN		0.00	-21.15	23.08	490.41	-201.54	181.86	91.01	114.31	22.33	-6.07	-18.89	12.63	-6.11	-5.11	18.49	-18.81
MRBLD1FB70_COS		525.93	4.60	-75.16	9.71	-82.90	-45.30	-34.25	-25.36	-5.47	4.83	2.90	0.60	-3.28	-5.89	-3.87	2.43
MRBLD1FB70_SIN		0.00	-201.68	21.17	152.03	-65.30	30.47	18.12	20.32	4.84	2.74	1.19	2.10	2.55	1.80	-3.18	4.22
MRBLD1FB87_COS		39.43	31.79	-76.81	-18.10	-45.51	-21.81	1.53	17.84	18.28	8.62	-15.29	-7.05	-8.66	-7.10	-2.04	4.25
MRBLD1FB87_SIN		0.00	-221.29	32.05	102.67	-22.48	8.30	-7.79	-14.48	-7.79	-3.42	-0.23	-7.97	0.45	2.48	-2.17	6.04
MRBLD1FB120_COS		-327.80	5.55	-153.07	-26.13	-4.15	21.24	38.34	35.66	10.65	-7.94	-4.50	-1.07	5.06	5.77	1.99	-6.07
MRBLD1FB120_SIN		0.00	-281.58	60.15	160.30	57.51	-8.94	-20.45	-26.62	-4.73	-0.25	0.80	3.54	-2.54	-4.81	2.51	-9.38
MRBLD1FB164_COS		-90.01	65.66	-235.42	67.08	200.84	90.14	-15.27	-57.21	-27.55	11.04	8.29	1.18	-9.93	-5.25	2.78	6.46
MRBLD1FB164_SIN		0.00	-398.50	60.35	240.90	145.96	-66.52	6.88	36.46	5.49	1.06	-3.75	-10.66	0.64	5.58	0.47	4.64

RUN	POINT	Harmonics															
48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-202.89	7.33	-128.42	15.64	159.65	68.46	-59.46	-60.80	17.56	27.08	-32.46	-15.92	-7.14	2.44	0.57	-8.24
MRBLD1FB180_SIN		0.00	-292.96	47.89	115.06	79.85	-47.10	3.34	42.70	1.16	-22.18	-7.70	-8.54	0.94	-5.20	2.31	-9.78
MRBLD1TOR51_COS		-1549.35	87.40	38.17	8.84	-27.76	-27.46	-43.59	-33.71	3.36	11.20	-2.50	-2.26	-1.59	2.40	2.14	3.45
MRBLD1TOR51_SIN		0.00	-149.89	34.99	66.00	-12.06	-0.70	40.88	37.97	1.71	-4.66	-7.90	-4.50	-0.89	0.60	-0.33	-6.03
MRBLD1TOR71_COS		-400.30	110.64	19.15	10.35	-15.51	-14.46	-28.46	-20.10	6.38	8.62	-5.05	-3.03	-2.59	1.15	1.53	2.01
MRBLD1TOR71_SIN		0.00	-148.40	27.40	34.10	-11.43	-2.21	36.49	35.02	5.27	-2.29	-6.47	-4.31	-1.59	0.09	-0.48	-3.86
MRBLD1TOR130_COS		-165.11	95.35	34.75	16.01	-2.15	-3.82	-16.52	-17.94	-1.96	1.60	3.44	-1.02	1.25	0.60	-1.46	-3.05
MRBLD1TOR130_SIN		0.00	-140.44	16.43	16.06	4.51	-3.95	29.64	27.46	2.91	-1.50	3.20	5.84	1.87	1.20	0.81	2.48
MRBLD1TOR164_COS		-330.81	56.08	49.97	7.59	-15.37	-23.36	-15.28	-0.24	6.94	0.17	-2.14	0.20	1.51	0.54	-2.61	-2.17
MRBLD1TOR164_SIN		0.00	-70.01	0.52	-28.68	-22.99	-0.17	15.19	15.59	2.22	-2.96	-0.25	3.30	-0.33	-0.25	1.69	1.91
MRFBM1CB26P5_COS		-2846.04	-962.79	113.62	49.93	-14.59	-12.86	-7.91	-9.67	-3.77	-3.12	4.51	-0.66	1.64	0.91	-0.76	-0.60
MRFBM1CB26P5_SIN		0.00	-53.49	34.85	-1.28	-47.13	-14.83	-10.57	-6.92	-3.91	-1.86	4.91	0.42	1.47	1.46	0.50	-1.47
MRFBM1FB9_COS		409.45	158.98	-19.77	23.37	25.86	25.95	16.81	12.68	3.89	-0.17	-1.91	0.29	-0.63	-0.29	0.58	-0.69
MRFBM1FB9_SIN		0.00	101.96	4.75	-149.72	23.79	-3.64	0.91	2.89	3.45	0.36	-1.75	-2.00	-1.91	-1.55	-0.77	0.20
MRFBM1TOR26P5_COS		-246.60	89.37	0.68	0.21	0.03	-0.30	-0.62	-0.16	0.12	0.31	-0.12	0.02	-0.05	-0.03	0.05	0.06
MRFBM1TOR26P5_SIN		0.00	-139.85	0.93	-0.07	0.46	-0.20	0.64	0.28	0.03	0.03	-0.16	-0.29	0.02	-0.01	-0.01	-0.04

RUN	POINT	Harmonics															
48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-739.32	-1747.02	249.97	33.42	-73.67	-83.84	-72.68	-76.30	-18.64	11.60	30.05	11.84	21.00	16.50	-1.98	-0.60
MRPC1CB33P25_SIN		0.00	282.64	-12.52	101.57	-43.91	-24.53	12.67	8.10	-14.89	-0.24	17.16	40.04	16.51	12.41	11.76	-8.16
MRPC1FB33P25_COS		1976.40	285.50	-197.20	44.46	-162.43	-181.91	-182.71	-201.41	-103.68	-26.97	69.70	17.01	36.75	31.90	-4.06	9.55
MRPC1FB33P25_SIN		0.00	141.27	-25.14	427.19	-207.67	101.19	6.81	7.81	-42.09	-25.86	32.93	35.31	27.76	28.41	28.99	-21.18
MRPC1TOR25P5_COS		-481.15	-21.17	-93.75	11.78	29.49	26.93	40.90	24.27	-6.63	-14.57	8.78	3.90	5.74	2.02	-3.79	-5.53
MRPC1TOR25P5_SIN		0.00	65.95	-70.43	-72.02	18.51	3.09	-36.92	-40.66	-5.70	4.51	13.02	14.45	2.13	1.83	4.71	6.66
MRPLK1LOAD_COS		-26.98	-2.95	-7.65	-1.60	3.45	4.04	6.37	4.68	-0.80	-2.24	1.14	0.12	0.73	0.20	-0.72	-1.01
MRPLK1LOAD_SIN		0.00	-2.14	-6.85	-8.44	1.03	1.20	-6.07	-5.82	-0.37	0.47	1.90	2.49	0.31	0.17	0.54	1.18
PITCHRH_COS		5908.62	-9054.36	-104.12	44.39	-51.11	-1415.01	-72.43	24.27	-30.44	-49.04	-40.47	4.89	35.10	-47.43	-4.90	-33.45
PITCHRH_SIN		0.00	1409.91	-565.13	-33.88	-62.18	-557.58	-142.96	123.28	200.24	-14.54	-96.92	-17.84	28.99	23.48	-5.59	7.75
ROLLRH_COS		412.66	-1251.84	524.75	-51.26	15.71	563.06	66.32	-36.80	-300.69	48.56	300.72	8.91	-19.44	41.63	-47.72	30.25
ROLLRH_SIN		0.00	-8964.36	-70.07	6.87	13.62	54.90	-72.88	-39.28	-434.96	-84.05	-42.22	-13.97	16.24	17.20	2.72	171.37
TORQ_COS		64797.43	294.21	25.51	40.34	23.63	129.44	0.24	27.04	-5.05	-2.18	-10.52	0.53	4.62	0.57	-1.34	1.35
TORQ_SIN		0.00	776.12	-18.19	13.23	-88.37	173.84	5.47	17.35	-4.84	-4.72	-25.49	8.29	-5.46	8.25	-1.86	-5.85
THRUST_COS		5554.47	-86.38	7.69	13.40	-1.58	86.36	-1.77	18.36	0.27	0.42	-28.42	0.65	-1.89	3.71	1.74	-17.75
THRUST_SIN		0.00	-100.12	-0.41	-1.59	20.37	-56.79	4.89	-1.21	-3.60	0.86	6.26	5.16	-0.39	-1.14	-4.75	-8.43

RUN	POINT	Harmonics															
48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.04	46.08	-13.31	-2.46	4.29	-38.58	-4.44	0.44	8.54	-1.24	-15.00	-0.71	0.85	-1.26	1.33	-1.06
SIDERH_SIN		0.00	229.92	0.32	-0.04	-10.38	-23.56	4.68	0.23	10.18	4.41	3.00	-0.04	-0.81	-0.65	-0.08	-5.32
DRAGRH_COS		-215.12	233.26	10.00	-0.14	3.77	101.79	2.29	-1.96	-7.20	1.16	7.50	-0.34	-2.67	1.67	0.02	2.15
DRAGRH_SIN		0.00	-40.69	12.11	-1.08	0.51	-64.54	12.13	-1.76	-6.68	1.71	5.79	1.25	-0.75	-2.32	-0.14	-0.41

RUN	POINT	Harmonics															
48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-3.91	-1.02	-3.55	-2.69	-0.45	-0.48	0.23	0.37	0.22	-0.02	0.04	-0.03	-0.02	-0.02	0.00	-0.01
ACT1FORCE_SIN		0.00	12.91	1.26	-0.89	-0.38	0.28	-0.06	0.00	0.18	0.17	0.18	0.14	0.14	-0.07	0.04	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		641.65	-2.05	28.18	25.43	9.21	8.00	0.00	-0.02	0.01	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-103.20	-11.71	13.63	6.51	-6.42	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		163.72	1.97	-28.24	-25.43	-9.20	-8.04	0.00	0.02	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	103.37	11.70	-13.71	-6.57	6.37	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-2125.98	-2320.77	322.75	-48.23	-54.02	-94.77	-104.70	-80.72	-3.63	29.14	53.68	-8.87	12.66	22.33	8.66	-1.94
MRBLD1CB42P75_SIN		0.00	70.94	-30.59	176.44	37.47	-62.74	45.78	-16.37	5.57	14.47	-6.22	79.80	15.15	6.83	19.29	-9.09

RUN	POINT	Harmonics															
48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3471.90	-1478.43	353.30	-165.03	11.61	-46.21	-58.25	-62.72	4.50	36.95	23.40	-0.41	9.61	16.84	9.48	5.41
MRBLD1CB70_SIN		0.00	100.80	-45.14	173.11	252.65	-53.66	60.85	14.67	7.55	12.81	-9.20	55.39	5.81	-0.30	13.05	-7.75
MRBLD1CB120_COS		-576.12	-581.08	338.72	-150.42	-2.78	36.90	27.50	-22.62	-25.76	-13.50	-5.59	11.37	0.17	-4.78	-4.56	1.42
MRBLD1CB120_SIN		0.00	211.46	-108.03	97.24	236.04	-1.09	30.27	11.28	-5.20	-10.18	13.52	-32.49	-3.84	0.03	0.29	0.10
MRBLD1CB164_COS		-1973.78	-170.82	121.43	-85.44	-47.02	47.45	68.73	11.45	-29.32	-26.21	1.97	9.60	-1.69	-10.14	-8.34	-9.50
MRBLD1CB164_SIN		0.00	111.04	-35.21	43.28	98.06	24.59	2.21	2.01	-10.47	-13.18	17.85	-30.13	-0.35	2.43	-3.96	9.28
MRBLD1FB42P75_COS		2695.65	454.65	-180.07	167.40	-374.64	-159.57	-210.84	-216.88	-115.05	-60.60	86.20	29.84	32.73	37.80	40.62	-16.46
MRBLD1FB42P75_SIN		0.00	-4.05	31.22	600.25	-308.51	201.28	105.53	5.57	41.99	-7.58	-68.01	35.69	-9.09	-16.67	12.50	-16.03
MRBLD1FB70_COS		523.86	8.70	-70.41	16.01	-113.53	-43.39	-38.52	-28.89	-4.11	3.17	2.88	1.54	-1.63	-5.11	-7.66	3.89
MRBLD1FB70_SIN		0.00	-203.24	22.65	190.92	-99.66	38.43	22.20	1.47	8.71	4.02	0.75	2.20	3.51	3.91	-1.96	4.25
MRBLD1FB87_COS		44.82	39.18	-70.96	-15.62	-57.20	-20.58	2.60	18.61	16.84	11.71	-17.46	-5.40	-5.00	-6.54	-7.70	4.17
MRBLD1FB87_SIN		0.00	-217.50	33.62	124.01	-37.79	9.99	-7.30	-4.70	-9.88	-2.07	12.17	-13.81	1.69	5.86	-0.43	5.30
MRBLD1FB120_COS		-301.66	9.52	-141.31	-25.34	-0.68	19.07	45.34	42.09	8.93	-3.86	-1.92	-1.91	2.60	5.93	10.45	-5.69
MRBLD1FB120_SIN		0.00	-266.42	57.02	180.75	62.68	-14.75	-25.78	-0.33	-9.74	-2.54	-2.29	6.59	-4.36	-8.94	0.63	-7.96
MRBLD1FB164_COS		-153.69	87.59	-247.66	71.83	242.52	93.83	-23.94	-61.82	-24.86	4.94	3.46	3.47	-4.78	-4.73	-3.53	5.09
MRBLD1FB164_SIN		0.00	-410.01	53.10	243.98	197.05	-64.33	10.59	-1.39	14.21	4.83	2.06	-17.38	1.95	9.43	2.12	2.61

RUN	POINT	Harmonics															
48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-272.35	21.03	-138.64	11.97	182.35	82.83	-66.02	-74.24	16.22	31.13	-36.96	-13.77	-3.69	3.30	9.90	-8.47
MRBLD1FB180_SIN		0.00	-310.81	46.57	111.65	101.57	-43.90	16.65	7.94	-0.71	-19.66	17.56	-21.21	-1.19	-8.69	-1.02	-9.32
MRBLD1TOR51_COS		-1664.97	90.15	51.08	14.53	-35.74	-30.65	-39.14	-42.59	-0.33	9.60	-2.31	-1.47	-1.93	2.73	5.39	3.22
MRBLD1TOR51_SIN		0.00	-223.75	32.09	85.74	-18.69	-4.85	45.03	22.42	1.10	-7.54	-4.03	-4.24	-0.74	-0.89	1.00	-4.23
MRBLD1TOR71_COS		-508.63	117.08	32.22	15.63	-20.89	-17.62	-23.98	-29.49	3.13	7.76	-5.93	-2.09	-2.16	1.35	3.40	2.17
MRBLD1TOR71_SIN		0.00	-216.90	25.76	47.87	-12.16	-7.23	39.93	25.50	3.47	-5.05	-1.11	-5.47	-0.77	-0.49	0.03	-2.85
MRBLD1TOR130_COS		-276.41	100.09	47.04	21.74	-3.89	-6.60	-13.76	-23.41	-4.27	-0.68	7.07	-4.42	1.01	0.51	-2.49	-2.45
MRBLD1TOR130_SIN		0.00	-211.07	14.07	23.50	11.15	-9.03	31.33	18.59	3.42	-4.95	3.93	5.19	1.68	1.37	-0.16	1.37
MRBLD1TOR164_COS		-410.06	55.57	58.41	9.64	-17.41	-25.84	-15.07	-3.57	6.52	0.52	-3.15	-1.45	2.57	1.21	-3.27	-2.26
MRBLD1TOR164_SIN		0.00	-120.16	0.23	-28.25	-27.47	-0.59	15.05	12.65	1.50	-3.32	1.93	0.89	-0.74	0.51	1.94	-0.02
MRFBM1CB26P5_COS		-2838.85	-1158.85	114.82	51.89	-20.26	-9.74	-13.34	-8.33	-3.80	-3.92	8.30	-1.86	0.97	1.47	0.24	-0.86
MRFBM1CB26P5_SIN		0.00	-173.89	26.42	4.52	-45.44	-20.53	-3.92	-10.10	-2.03	-2.44	0.60	1.01	0.35	1.16	1.81	-1.22
MRFBM1FB9_COS		390.34	326.49	-23.36	25.98	33.73	26.98	17.19	9.51	4.53	0.37	-3.61	1.41	-0.52	-0.62	0.31	-0.69
MRFBM1FB9_SIN		0.00	125.77	5.90	-178.37	40.46	-6.13	-0.06	7.92	2.65	1.02	-1.33	-2.13	-1.25	-1.29	-1.38	0.52
MRFBM1TOR26P5_COS		-247.48	90.67	0.93	0.11	0.06	-0.37	-0.55	-0.23	0.09	0.37	-0.23	0.17	-0.07	-0.02	0.08	0.04
MRFBM1TOR26P5_SIN		0.00	-140.17	1.20	0.12	0.41	-0.16	0.91	0.17	0.03	0.12	-0.16	-0.20	0.00	-0.03	0.00	0.00

RUN	POINT	Harmonics															
48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-748.22	-1979.19	236.42	34.65	-85.66	-82.41	-80.42	-66.80	-16.34	8.23	47.75	-1.98	12.90	18.56	6.88	-2.29
MRPC1CB33P25_SIN		0.00	194.71	-47.89	129.96	-72.45	-21.31	24.72	-27.12	-6.60	-2.38	-5.38	50.19	10.33	4.52	16.43	-8.79
MRPC1FB33P25_COS		1957.60	362.90	-193.66	47.68	-231.90	-182.83	-207.51	-170.88	-104.61	-41.64	101.87	-4.33	28.17	38.29	13.76	5.27
MRPC1FB33P25_SIN		0.00	162.99	-15.90	522.41	-323.50	119.35	8.62	-85.19	-22.52	-37.93	-0.41	46.39	13.67	16.97	42.87	-24.42
MRPC1TOR25P5_COS		-361.43	-24.18	-108.98	0.62	40.02	29.47	34.22	36.55	-3.07	-13.43	12.93	-2.38	5.72	2.88	-6.55	-4.86
MRPC1TOR25P5_SIN		0.00	142.42	-63.08	-91.97	19.44	10.08	-43.98	-27.04	-4.05	5.29	8.32	13.44	0.56	2.74	4.10	3.00
MRPLK1LOAD_COS		-11.42	-4.02	-9.39	-2.65	4.86	4.46	5.56	6.19	-0.30	-2.19	1.98	-1.16	0.86	0.29	-1.30	-0.75
MRPLK1LOAD_SIN		0.00	7.50	-6.41	-10.90	1.50	1.88	-6.97	-3.70	-0.23	0.41	1.55	1.94	0.23	0.48	0.28	0.46
PITCHRH_COS		3025.35	-9043.59	-53.19	46.00	-43.41	-1998.16	96.08	63.72	15.73	-33.04	-128.49	6.57	7.23	-21.99	-15.10	5.16
PITCHRH_SIN		0.00	1371.09	-661.31	-43.98	-66.70	-740.89	-123.74	97.41	70.05	5.27	-59.03	-53.03	26.16	37.26	-2.13	48.92
ROLLRH_COS		-9.66	-1203.98	636.24	-11.32	9.17	1159.51	12.90	-19.30	-243.44	4.73	294.43	31.63	-35.23	49.54	-35.84	-62.27
ROLLRH_SIN		0.00	-9000.99	49.73	58.85	11.96	-435.18	-13.70	4.81	-399.03	-37.33	-59.82	-0.39	21.61	-19.35	11.65	226.71
TORQ_COS		64534.28	238.08	23.37	54.11	7.25	144.96	-0.54	21.75	-3.60	-2.38	-18.00	0.92	4.79	0.15	-1.54	1.28
TORQ_SIN		0.00	826.84	-14.83	15.03	-72.50	201.50	8.72	20.04	-7.89	-4.34	-5.52	7.78	-4.11	7.16	-3.41	-6.03
THRUST_COS		5478.16	-80.50	7.68	12.02	-1.53	83.78	-1.81	14.19	-0.73	-1.02	-29.52	-3.37	0.47	1.84	-0.71	-12.97
THRUST_SIN		0.00	-121.57	-7.67	-9.20	16.51	-62.10	3.46	1.32	0.37	-1.61	27.97	6.11	-0.31	-0.81	-4.84	-4.76

RUN	POINT	Harmonics															
48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.20	42.74	-15.76	-0.76	4.50	-44.21	0.44	0.18	7.25	1.11	-14.52	-1.80	1.66	-1.51	1.23	1.11
SIDERH_SIN		0.00	229.56	-1.88	-0.34	-14.59	36.48	-2.76	0.71	9.39	3.07	2.03	-0.36	-0.78	0.68	-0.26	-6.94
DRAGRH_COS		-244.34	232.85	12.35	-0.08	-3.51	81.65	-4.59	-0.44	-5.01	-0.10	14.00	-0.07	-2.49	0.85	0.62	0.89
DRAGRH_SIN		0.00	-39.45	11.86	-1.78	3.23	-152.34	-2.94	0.00	-1.42	0.69	2.90	3.38	-2.25	-1.99	0.24	-1.43

RUN	POINT	Harmonics															
48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.15	0.25	-3.90	-2.21	-1.44	-0.10	0.16	0.40	0.29	0.02	-0.03	0.06	0.09	0.11	0.01	0.01
ACT1FORCE_SIN		0.00	12.10	0.66	-0.19	0.02	-0.29	-0.25	-0.24	0.18	0.16	0.12	0.11	0.01	-0.05	0.07	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		310.96	-12.59	29.80	18.56	13.41	7.35	0.00	-0.01	0.00	0.00	0.01	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-96.19	-8.28	6.60	3.08	1.32	-0.03	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		494.99	12.76	-29.83	-18.63	-13.46	-7.40	-0.01	0.00	0.01	0.00	-0.01	0.00	0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	96.37	8.39	-6.55	-3.03	-1.30	0.02	-0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01
MRBLD1CB42P75_COS		-1905.15	-853.24	447.01	-26.43	-130.60	-144.90	-100.04	-142.01	23.17	54.94	49.47	64.07	36.45	22.33	-0.57	5.65
MRBLD1CB42P75_SIN		0.00	1511.82	39.68	109.16	111.58	-75.31	47.75	87.50	-27.75	-16.07	38.83	87.67	31.36	16.20	-0.72	0.61

RUN	POINT	Harmonics															
48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3605.26	-516.36	495.17	-154.09	-122.51	-94.86	-132.18	-86.27	26.36	53.45	27.95	54.81	22.51	13.46	1.23	9.55
MRBLD1CB70_SIN		0.00	1078.93	-0.24	138.83	365.02	-58.45	141.61	94.91	-13.38	-15.09	-7.42	61.68	9.51	4.94	1.48	-1.42
MRBLD1CB120_COS		-434.59	-177.24	483.42	-166.74	-111.75	0.34	-109.07	-47.39	-50.09	-13.87	4.76	-16.48	-5.68	-7.28	-4.06	1.30
MRBLD1CB120_SIN		0.00	662.76	-106.31	57.70	414.97	-25.83	147.94	51.06	-10.37	20.08	-3.85	-38.36	-12.46	-1.69	2.50	0.93
MRBLD1CB164_COS		-1997.21	-77.12	169.10	-103.27	-96.48	42.99	5.03	24.29	-52.87	-32.93	6.87	-17.64	-5.12	-9.26	-7.58	-11.84
MRBLD1CB164_SIN		0.00	238.34	-41.56	-3.58	188.59	27.66	44.70	-25.93	2.00	24.40	20.11	-43.22	-4.91	-0.48	3.49	6.54
MRBLD1FB42P75_COS		2865.94	-4.78	-191.13	103.76	-254.97	-207.82	-184.78	-309.69	-158.30	-2.95	128.80	61.23	72.71	43.85	-1.16	7.12
MRBLD1FB42P75_SIN		0.00	-259.45	15.30	463.99	93.82	131.90	97.63	318.08	-17.18	-16.53	6.36	0.76	-12.19	-12.04	-6.06	-21.31
MRBLD1FB70_COS		565.71	-21.85	-89.38	-1.01	-93.65	-60.98	-35.31	-43.99	-8.46	6.75	3.69	0.32	-5.33	-5.55	0.55	-1.08
MRBLD1FB70_SIN		0.00	-191.56	18.55	141.74	29.46	15.07	22.18	58.62	-1.38	0.82	1.01	2.35	2.96	2.78	1.76	4.63
MRBLD1FB87_COS		42.74	6.33	-92.69	-20.72	-47.70	-27.38	3.18	30.57	22.04	4.95	-24.07	-14.99	-13.61	-7.89	1.56	-0.44
MRBLD1FB87_SIN		0.00	-232.24	30.09	95.70	18.64	3.54	-12.16	-29.96	-3.22	-2.76	-5.03	-4.08	2.50	5.63	3.74	7.03
MRBLD1FB120_COS		-378.39	-11.42	-184.91	-28.16	8.55	35.63	37.26	61.05	20.83	-14.23	-7.40	6.15	9.89	4.64	-3.30	1.89
MRBLD1FB120_SIN		0.00	-317.94	57.98	158.87	36.24	-1.25	-25.72	-86.25	0.91	4.61	-0.81	-1.16	-2.83	-7.89	-7.66	-9.89
MRBLD1FB164_COS		116.25	-6.63	-238.14	60.18	191.57	78.70	-11.50	-109.54	-40.55	17.98	12.45	-4.91	-20.99	-7.54	9.72	4.66
MRBLD1FB164_SIN		0.00	-363.28	54.70	308.05	28.68	-74.73	21.86	118.99	-8.20	-4.07	-9.08	-7.42	2.56	4.35	2.53	5.74

RUN	POINT	Harmonics															
48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		8.55	-47.87	-128.40	23.90	162.39	33.33	-68.16	-87.67	20.95	20.36	-52.93	-28.22	-10.61	-0.26	-7.54	1.65
MRBLD1FB180_SIN		0.00	-241.60	38.54	155.20	31.83	-59.10	-6.97	119.40	-1.94	-36.63	-34.64	-6.32	-0.25	-11.35	-8.36	-10.10
MRBLD1TOR51_COS		-1303.57	92.52	31.06	-6.69	-33.46	-20.37	-58.37	-41.09	12.64	12.74	-5.43	-4.40	-0.90	3.74	3.65	4.81
MRBLD1TOR51_SIN		0.00	11.95	44.99	49.60	-5.20	27.68	38.20	79.78	4.08	-5.67	-15.12	-7.18	-1.74	0.12	-3.95	-5.13
MRBLD1TOR71_COS		-175.13	100.42	6.05	-2.81	-16.27	-5.13	-39.82	-18.90	14.10	7.80	-8.82	-6.90	-2.55	2.43	2.37	2.98
MRBLD1TOR71_SIN		0.00	-11.28	34.07	20.63	-16.70	26.48	33.54	67.52	10.28	-2.50	-14.26	-7.58	-3.13	-0.29	-2.65	-3.69
MRBLD1TOR130_COS		67.98	90.49	21.49	4.64	1.17	4.97	-22.98	-24.02	0.95	3.22	1.75	-0.67	1.93	0.16	-3.38	-4.29
MRBLD1TOR130_SIN		0.00	5.23	23.04	6.66	-13.21	21.60	30.71	55.02	2.46	1.35	5.60	6.15	2.56	1.73	1.69	1.49
MRBLD1TOR164_COS		-176.31	64.48	39.00	6.36	-21.92	-21.71	-15.96	4.77	8.16	-1.91	-2.08	1.28	1.46	-0.67	-3.07	-1.33
MRBLD1TOR164_SIN		0.00	38.03	3.85	-36.43	-15.98	9.01	16.02	27.39	3.24	-4.22	-2.39	4.32	-0.14	-1.81	0.15	3.46
MRFBM1CB26P5_COS		-2690.62	-442.90	146.15	67.11	-2.07	-17.47	6.15	-19.22	-3.44	-1.34	5.77	-1.16	3.03	2.27	0.00	0.37
MRFBM1CB26P5_SIN		0.00	636.20	58.92	-20.52	-69.67	-20.13	-23.68	-2.50	-6.80	-0.43	13.40	0.72	3.29	1.49	-1.14	-0.55
MRFBM1FB9_COS		748.50	-478.53	-24.42	30.36	40.97	25.69	19.36	23.93	2.64	-1.95	-2.39	-0.89	-1.01	-0.56	-0.13	-0.71
MRFBM1FB9_SIN		0.00	-120.30	0.08	-140.00	-9.19	1.51	3.63	-1.78	5.28	-0.08	-3.51	-3.34	-2.71	-1.69	-0.12	-0.55
MRFBM1TOR26P5_COS		-224.41	88.22	0.89	-0.16	-0.25	0.00	-1.03	-0.16	0.25	0.35	-0.12	-0.02	-0.07	-0.03	0.11	0.08
MRFBM1TOR26P5_SIN		0.00	-140.72	1.24	0.27	0.19	-0.09	0.28	0.53	0.13	-0.08	-0.29	-0.28	0.03	-0.01	-0.01	-0.03

RUN	POINT	Harmonics															
48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-546.37	-705.43	358.59	51.87	-93.26	-119.81	-66.61	-130.42	-9.17	26.79	48.14	42.79	31.96	19.51	-1.99	5.80
MRPC1CB33P25_SIN		0.00	1330.99	17.00	61.43	-12.58	-40.87	8.81	58.21	-39.77	-15.03	41.21	51.17	22.99	13.17	-1.32	0.00
MRPC1FB33P25_COS		2076.89	-21.47	-182.66	19.75	-229.29	-205.08	-182.27	-369.55	-112.93	5.81	90.72	44.72	57.73	38.32	3.74	22.26
MRPC1FB33P25_SIN		0.00	-99.65	-34.07	402.69	39.76	46.41	13.81	122.29	-87.94	-15.72	80.50	44.81	41.46	27.15	-2.52	-4.87
MRPC1TOR25P5_COS		-728.19	-10.89	-56.89	23.58	21.23	14.85	58.11	27.13	-16.64	-14.77	13.21	9.79	5.79	-0.01	-6.06	-6.48
MRPC1TOR25P5_SIN		0.00	-126.40	-78.35	-40.50	20.14	-31.62	-35.45	-82.38	-11.75	6.68	25.19	19.19	3.82	1.09	5.58	6.80
MRPLK1LOAD_COS		-55.39	-1.66	-7.12	0.43	3.46	2.68	8.93	5.39	-2.29	-2.75	1.77	0.76	0.75	0.02	-1.31	-1.27
MRPLK1LOAD_SIN		0.00	-21.12	-8.58	-6.61	0.76	-2.77	-5.40	-11.84	-1.17	0.77	3.57	3.18	0.29	0.17	0.76	1.01
PITCHRH_COS		17047.80	-9124.34	-429.24	32.05	-40.15	-523.17	93.90	-77.58	65.42	-72.12	99.89	10.60	44.28	-19.42	-10.22	-72.34
PITCHRH_SIN		0.00	1185.11	-475.47	114.47	-48.63	-265.81	-153.16	144.10	-122.36	-54.82	-76.09	-7.73	-16.75	1.95	-10.23	-45.89
ROLLRH_COS		4844.11	-973.87	489.82	-46.80	58.62	-645.85	45.70	-8.67	53.89	135.35	346.02	2.61	39.53	-3.03	-22.39	4.52
ROLLRH_SIN		0.00	-8999.05	-408.68	110.13	-79.78	360.35	6.20	-79.98	-358.19	-79.61	-80.97	-1.66	4.54	28.30	6.91	125.30
TORQ_COS		69771.31	390.83	5.07	31.55	16.95	204.24	8.43	46.44	-14.75	0.39	-24.80	6.71	-0.51	-4.10	-0.25	1.22
TORQ_SIN		0.00	691.18	-27.58	19.09	-60.12	136.64	10.91	16.09	-2.85	-4.52	-59.22	8.46	-6.99	6.91	-2.80	-5.62
THRUST_COS		6464.10	-67.97	-2.40	14.71	2.49	84.87	3.66	29.15	1.61	0.74	-49.73	3.79	-3.10	-0.39	2.18	-18.49
THRUST_SIN		0.00	-112.46	6.73	-0.20	22.06	-39.83	2.83	-0.18	-0.97	1.30	-3.23	2.71	0.80	1.41	-8.32	-7.47

RUN	POINT	Harmonics															
48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.68	38.21	-10.71	-2.84	-2.90	4.79	-0.11	-0.52	-0.93	-6.17	-17.98	-0.44	-1.12	-0.09	0.73	-0.01
SIDERH_SIN		0.00	239.85	6.99	3.01	17.56	-129.41	-4.84	0.01	10.18	4.83	5.68	-0.37	-0.34	-0.67	-0.26	-3.43
DRAGRH_COS		-83.39	233.98	10.36	-3.24	7.47	112.86	-17.58	-2.36	-0.48	1.24	5.21	0.24	-2.06	1.36	1.05	5.19
DRAGRH_SIN		0.00	-41.84	7.63	0.83	7.23	131.94	13.12	1.82	0.34	7.16	1.69	1.94	2.93	-0.60	0.11	1.92

RUN	POINT	Harmonics															
48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.37	0.68	-2.70	-2.08	-1.29	-0.45	0.10	0.25	0.32	0.06	0.01	0.08	0.20	0.13	0.01	0.04
ACT1FORCE_SIN		0.00	10.15	0.58	0.14	0.64	-0.57	-0.20	-0.36	-0.05	0.01	0.04	0.07	-0.01	0.03	0.04	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		165.07	-15.09	21.90	15.83	12.60	9.59	-0.02	-0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-81.24	-7.36	3.90	-2.20	4.03	-0.02	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		641.19	15.30	-21.93	-15.89	-12.62	-9.68	0.01	0.01	0.00	-0.01	0.01	0.01	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	81.42	7.50	-3.81	2.30	-3.95	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-1837.48	-641.42	408.94	-26.11	-170.19	-136.32	-101.08	-141.06	26.71	40.27	35.28	78.17	34.81	18.56	1.82	3.62
MRBLD1CB42P75_SIN		0.00	1547.90	27.92	85.64	154.71	-92.14	34.30	115.99	-25.05	-19.74	48.63	83.65	34.72	18.31	-7.70	2.35

RUN	POINT	Harmonics															
48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3647.14	-373.24	475.25	-169.40	-190.45	-82.25	-152.45	-81.71	31.40	38.97	26.75	66.83	22.95	11.67	5.72	8.56
MRBLD1CB70_SIN		0.00	1109.44	-9.75	120.74	420.03	-85.85	155.52	120.21	-7.02	-15.39	-10.50	59.52	11.20	10.13	-1.39	3.08
MRBLD1CB120_COS		-405.81	-111.25	477.08	-184.29	-153.84	4.46	-141.09	-47.18	-46.35	-4.56	11.68	-23.55	-4.00	-7.64	-2.06	1.13
MRBLD1CB120_SIN		0.00	682.27	-113.95	48.13	473.83	-57.42	189.67	72.12	-10.79	35.52	-2.54	-32.98	-11.65	-1.66	3.82	2.61
MRBLD1CB164_COS		-2017.00	-57.40	172.18	-110.98	-107.90	41.56	-12.46	24.41	-51.91	-24.32	5.05	-25.51	-6.08	-9.59	-12.31	-10.30
MRBLD1CB164_SIN		0.00	240.77	-43.14	-13.06	214.77	21.64	66.53	-27.09	-0.85	36.02	27.08	-40.10	-4.70	-4.78	3.92	3.15
MRBLD1FB42P75_COS		2883.43	-61.53	-233.51	109.04	-142.55	-223.61	-181.27	-293.69	-159.35	15.21	127.82	60.59	78.16	39.73	-8.07	10.65
MRBLD1FB42P75_SIN		0.00	-253.35	21.03	470.06	177.94	75.44	87.92	383.32	-33.05	-11.17	57.65	3.82	1.29	-3.05	-18.11	-12.35
MRBLD1FB70_COS		575.88	-23.78	-106.85	2.96	-63.31	-64.93	-35.88	-39.82	-9.17	7.87	4.12	0.26	-5.82	-5.47	1.44	-1.89
MRBLD1FB70_SIN		0.00	-183.89	17.21	141.03	58.20	-1.28	19.13	71.48	-2.95	0.77	2.06	1.99	1.69	1.53	3.88	2.68
MRBLD1FB87_COS		44.89	1.80	-104.05	-16.15	-36.07	-27.60	3.30	30.13	22.12	1.50	-24.04	-15.73	-15.85	-7.02	3.35	-1.22
MRBLD1FB87_SIN		0.00	-226.92	27.59	97.35	30.21	-1.54	-11.66	-35.10	-0.08	-3.20	-16.21	-3.31	-0.12	3.46	7.10	5.62
MRBLD1FB120_COS		-389.53	-19.00	-193.16	-28.39	6.37	35.81	36.10	55.94	21.85	-15.76	-7.34	6.84	11.89	3.74	-5.69	2.58
MRBLD1FB120_SIN		0.00	-319.57	58.48	165.18	32.15	8.45	-22.99	-105.36	2.70	2.81	0.94	-2.17	-0.72	-5.01	-11.86	-7.32
MRBLD1FB164_COS		198.66	-38.06	-246.22	53.09	140.77	75.66	-2.05	-108.31	-44.19	19.69	14.31	-6.92	-25.65	-6.81	13.10	4.76
MRBLD1FB164_SIN		0.00	-319.19	52.77	341.70	-8.89	-59.71	21.86	145.85	-12.06	-4.99	-11.82	-5.41	-0.96	0.68	5.77	6.47

RUN	POINT	Harmonics															
48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		90.21	-66.73	-139.90	27.34	134.13	18.81	-63.56	-75.24	18.92	12.83	-54.07	-29.93	-12.14	-2.33	-10.48	3.06
MRBLD1FB180_SIN		0.00	-199.43	34.51	171.91	20.21	-53.85	-19.30	147.01	5.07	-36.85	-57.50	-4.23	1.38	-9.63	-13.50	-7.38
MRBLD1TOR51_COS		-1185.82	83.81	7.74	-8.99	-26.33	-11.18	-72.81	-33.85	15.39	11.95	-4.97	-3.48	-0.95	2.88	3.13	4.55
MRBLD1TOR51_SIN		0.00	93.12	42.52	40.92	-1.64	33.94	30.24	92.19	5.86	-4.17	-20.12	-8.30	-1.13	1.74	-5.43	-4.71
MRBLD1TOR71_COS		-62.62	89.82	-13.78	-4.95	-10.72	2.61	-52.47	-12.32	16.45	7.33	-7.20	-6.42	-2.36	1.86	2.01	2.90
MRBLD1TOR71_SIN		0.00	66.23	31.66	13.08	-17.93	34.83	26.51	76.02	11.94	-1.40	-19.65	-8.25	-3.21	0.85	-3.23	-3.85
MRBLD1TOR130_COS		182.94	81.61	4.42	0.68	2.18	11.68	-31.88	-20.16	2.58	4.28	-0.32	-0.45	2.18	0.06	-2.97	-3.84
MRBLD1TOR130_SIN		0.00	84.76	22.68	-0.24	-20.46	30.63	26.32	62.01	2.62	3.10	6.46	5.92	2.34	1.38	2.23	0.80
MRBLD1TOR164_COS		-91.81	63.04	29.37	6.21	-18.38	-17.06	-19.01	8.02	7.97	-1.84	-0.87	0.89	0.85	-0.86	-1.79	-1.80
MRBLD1TOR164_SIN		0.00	93.67	4.13	-43.17	-13.04	8.30	13.45	30.37	4.45	-4.80	-3.08	5.48	-0.13	-3.10	0.41	4.33
MRFBM1CB26P5_COS		-2632.02	-330.94	127.93	72.06	-2.29	-20.24	10.84	-20.61	-4.31	-0.71	1.93	-1.51	2.52	1.65	-0.26	-0.18
MRFBM1CB26P5_SIN		0.00	658.09	54.54	-29.24	-74.95	-15.80	-30.46	-1.43	-8.53	-0.31	17.84	0.56	4.30	1.00	-2.05	-0.44
MRFBM1FB9_COS		756.61	-564.43	8.32	29.52	34.02	24.10	20.68	25.44	2.14	-1.78	-1.03	-1.07	-0.56	-0.23	-0.58	-0.36
MRFBM1FB9_SIN		0.00	-140.91	1.05	-140.10	-24.11	7.50	5.91	-5.26	5.47	-0.51	-3.87	-3.54	-2.88	-1.66	0.21	-0.52
MRFBM1TOR26P5_COS		-223.27	87.78	0.74	-0.17	-0.38	0.12	-1.33	-0.07	0.27	0.28	-0.07	-0.02	-0.09	-0.01	0.09	0.08
MRFBM1TOR26P5_SIN		0.00	-139.85	1.27	0.18	0.14	-0.13	0.13	0.62	0.16	-0.07	-0.40	-0.29	0.04	0.00	-0.03	-0.03

RUN	POINT	Harmonics															
48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-498.57	-528.06	321.87	58.98	-100.69	-119.97	-63.28	-131.80	-8.47	21.03	34.08	49.07	30.90	14.98	-0.57	3.41
MRPC1CB33P25_SIN		0.00	1350.12	10.17	42.56	17.19	-51.28	-5.16	80.75	-42.66	-14.84	57.16	48.67	27.41	14.57	-7.27	2.49
MRPC1FB33P25_COS		2086.11	-70.91	-216.88	24.96	-158.66	-201.08	-174.11	-381.97	-107.19	15.16	61.11	43.85	52.35	29.19	10.33	16.02
MRPC1FB33P25_SIN		0.00	-99.98	-34.79	409.35	135.43	-4.72	9.00	179.67	-100.49	-2.63	115.91	46.51	53.99	29.65	-15.43	3.03
MRPC1TOR25P5_COS		-850.65	0.03	-32.45	26.67	11.60	6.88	75.10	18.63	-18.84	-13.84	10.46	9.74	5.79	0.39	-3.96	-6.59
MRPC1TOR25P5_SIN		0.00	-211.27	-77.97	-29.27	19.74	-42.03	-26.61	-94.53	-13.55	5.39	32.90	20.87	3.69	-0.76	7.79	7.06
MRPLK1LOAD_COS		-71.08	-0.06	-3.95	0.66	2.11	1.53	11.38	4.15	-2.63	-2.44	1.36	0.75	0.85	0.04	-0.94	-1.29
MRPLK1LOAD_SIN		0.00	-31.72	-8.47	-5.42	0.75	-3.80	-4.40	-13.58	-1.41	0.55	4.72	3.52	0.18	-0.09	1.29	0.95
PITCHRH_COS		18774.78	-9190.79	-541.76	38.64	-32.04	82.03	-94.08	-62.58	52.27	-86.35	205.91	13.00	76.94	-36.64	20.30	-71.90
PITCHRH_SIN		0.00	1119.42	-519.82	76.50	-45.52	-378.93	-164.62	168.61	-97.96	-38.63	-73.14	25.26	-27.31	0.55	-1.82	-159.02
ROLLRH_COS		5098.04	-908.91	561.30	-61.16	50.65	-1050.78	100.80	-14.10	20.26	109.67	304.02	-28.57	56.46	5.65	-27.83	121.14
ROLLRH_SIN		0.00	-9029.53	-537.47	142.74	-44.50	921.43	-107.38	-95.54	-272.91	-108.05	-41.66	-2.87	24.32	9.09	2.21	156.97
TORQ_COS		71126.85	408.85	-5.08	41.73	39.47	186.66	8.11	51.41	-11.73	4.19	-15.48	8.40	-2.14	-3.79	1.98	0.62
TORQ_SIN		0.00	684.06	-12.38	27.91	-88.99	127.61	8.56	14.16	-0.71	-4.84	-81.91	9.10	-11.45	9.20	-1.89	-7.45
THRUST_COS		6487.41	-71.76	-7.76	22.28	3.70	80.70	0.74	33.07	3.22	2.05	-43.01	5.39	-4.15	-0.36	1.70	-20.63
THRUST_SIN		0.00	-116.21	4.24	-1.22	24.77	-18.18	7.60	-3.79	-2.91	1.83	-17.17	0.48	-0.70	3.40	-9.17	-16.58

RUN	POINT	Harmonics															
48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.83	41.57	-12.70	-3.95	-7.53	3.19	-2.09	-0.67	-0.80	-4.93	-16.97	0.95	-1.86	-0.34	0.75	-3.09
SIDERH_SIN		0.00	242.34	10.02	2.22	15.50	-181.81	7.22	-0.55	7.62	5.68	4.07	-0.22	-1.30	-0.43	-0.05	-4.19
DRAGRH_COS		-54.37	234.52	12.36	-3.29	8.84	162.48	1.02	-4.30	-2.32	3.04	-6.64	0.73	-3.73	1.98	-0.89	5.05
DRAGRH_SIN		0.00	-42.95	5.39	1.91	9.53	224.49	21.69	-0.80	-1.17	5.62	-0.56	-1.16	3.70	-0.70	-0.46	6.07

RUN	POINT	Harmonics															
48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.52	1.39	-2.23	-1.77	-1.29	-0.62	-0.05	0.38	0.36	0.02	-0.07	0.04	0.15	0.08	-0.03	0.03
ACT1FORCE_SIN		0.00	9.24	0.58	0.30	1.06	-0.70	-0.08	-0.50	-0.01	-0.16	0.06	-0.08	0.05	-0.09	0.01	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		77.66	-21.85	17.46	12.36	11.53	12.52	-0.02	0.00	-0.02	0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-71.74	-7.59	2.28	-5.54	4.97	-0.03	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		728.87	22.16	-17.52	-12.44	-11.54	-12.66	0.01	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	72.00	7.78	-2.18	5.68	-4.85	0.00	0.00	0.01	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-1850.09	-117.75	431.71	2.20	-210.54	-155.90	-88.83	-147.46	39.65	46.37	51.40	105.78	39.41	23.38	-1.12	1.79
MRBLD1CB42P75_SIN		0.00	1917.61	-9.83	68.69	166.40	-60.56	39.02	135.07	-23.27	-24.76	37.54	77.68	32.93	16.22	-0.92	-1.27

RUN	POINT	Harmonics															
48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3654.29	-41.45	512.78	-147.85	-235.14	-124.36	-161.12	-75.13	39.40	42.22	39.50	86.62	26.37	15.08	6.11	7.50
MRBLD1CB70_SIN		0.00	1359.54	-31.03	114.26	423.23	-10.33	170.94	134.75	-8.93	-21.86	-24.45	52.14	9.00	3.82	0.05	-3.07
MRBLD1CB120_COS		-364.01	21.21	519.41	-172.90	-188.89	-42.34	-171.71	-40.29	-55.39	-5.26	7.10	-39.16	-5.92	-7.58	-0.78	3.05
MRBLD1CB120_SIN		0.00	794.02	-129.54	47.72	500.27	11.16	210.62	89.28	-18.47	41.82	3.94	-30.91	-12.50	-2.05	2.62	0.10
MRBLD1CB164_COS		-2035.34	-22.27	183.00	-109.45	-118.35	20.09	-32.95	30.79	-58.21	-25.59	-1.00	-37.89	-8.24	-11.97	-13.51	-11.53
MRBLD1CB164_SIN		0.00	265.89	-49.77	-19.42	234.58	51.65	67.13	-25.32	-2.97	45.07	35.26	-36.03	-2.87	-1.25	4.21	8.99
MRBLD1FB42P75_COS		2946.52	-205.06	-242.67	146.12	-128.96	-216.50	-155.60	-294.45	-154.61	33.04	137.81	72.10	79.25	43.24	2.91	1.17
MRBLD1FB42P75_SIN		0.00	-312.85	17.53	439.75	347.34	11.50	85.84	442.49	-45.88	-14.66	54.88	-2.56	-4.36	-9.34	-10.22	-22.11
MRBLD1FB70_COS		585.03	-31.48	-116.35	20.37	-64.67	-62.83	-28.76	-39.34	-7.29	9.58	4.06	0.08	-6.09	-5.58	0.34	0.56
MRBLD1FB70_SIN		0.00	-177.96	11.78	132.27	110.89	-12.90	21.22	84.02	-3.96	1.85	2.48	2.61	2.74	2.69	2.52	5.40
MRBLD1FB87_COS		41.47	-7.83	-115.73	-4.75	-35.91	-29.34	3.34	30.69	19.69	-0.13	-25.33	-19.51	-15.46	-8.03	-0.09	0.58
MRBLD1FB87_SIN		0.00	-227.10	24.47	91.78	53.26	-3.49	-13.39	-38.77	0.43	-4.10	-14.41	-1.27	0.94	5.83	4.86	6.92
MRBLD1FB120_COS		-412.15	-22.50	-213.95	-21.33	16.90	34.37	27.15	55.83	22.27	-19.85	-9.27	10.63	12.54	3.05	-1.48	1.37
MRBLD1FB120_SIN		0.00	-327.31	60.21	155.52	20.85	16.50	-25.99	-123.92	5.55	4.79	-0.85	-4.21	0.08	-6.86	-10.14	-9.36
MRBLD1FB164_COS		282.79	-65.57	-253.65	50.85	126.89	59.93	7.76	-111.79	-40.89	25.21	16.40	-11.17	-26.86	-5.84	12.20	4.64
MRBLD1FB164_SIN		0.00	-277.75	54.89	346.75	-75.97	-67.79	25.31	168.47	-16.41	-5.12	-10.96	-3.49	-0.12	1.62	5.11	8.17

RUN	POINT	Harmonics															
48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		175.59	-86.34	-144.91	32.29	127.17	-2.53	-57.02	-66.29	21.36	7.39	-55.10	-31.79	-13.18	-4.74	-5.98	3.07
MRBLD1FB180_SIN		0.00	-158.30	32.50	175.17	-10.93	-63.48	-24.33	171.22	4.13	-41.68	-57.46	2.04	2.25	-13.64	-13.20	-11.00
MRBLD1TOR51_COS		-1069.23	81.04	-3.78	-11.94	-35.69	-8.65	-72.89	-29.16	21.49	12.54	-4.61	-4.00	-1.18	2.51	4.80	5.17
MRBLD1TOR51_SIN		0.00	178.19	43.16	36.64	4.23	37.45	28.25	108.73	4.78	-5.44	-21.08	-7.08	-0.58	0.52	-4.50	-4.43
MRBLD1TOR71_COS		46.61	80.49	-25.82	-9.46	-17.10	6.01	-53.03	-6.79	21.68	7.23	-7.55	-7.63	-2.59	1.75	2.72	3.73
MRBLD1TOR71_SIN		0.00	142.13	31.75	10.13	-18.05	38.59	24.36	89.30	11.66	-2.16	-19.85	-7.16	-2.51	-0.06	-3.51	-3.83
MRBLD1TOR130_COS		294.38	75.17	-7.37	-5.75	-1.62	13.93	-31.92	-17.91	5.96	5.71	0.00	0.25	2.44	0.61	-5.11	-4.20
MRBLD1TOR130_SIN		0.00	164.26	23.70	-2.11	-27.90	34.72	25.19	73.05	2.12	4.45	7.79	6.55	2.58	1.77	1.07	-0.06
MRBLD1TOR164_COS		-14.38	64.04	21.37	2.91	-23.30	-14.35	-17.30	10.44	8.09	-2.07	-0.58	1.23	0.17	-0.03	-2.90	-1.60
MRBLD1TOR164_SIN		0.00	149.57	5.99	-44.43	-7.48	9.60	13.24	35.60	3.60	-5.01	-2.58	5.95	-0.61	-3.73	0.50	3.47
MRFBM1CB26P5_COS		-2617.71	-108.63	142.36	77.79	-2.57	-19.06	16.17	-24.91	-3.51	0.25	2.31	-1.03	2.58	2.00	-0.93	0.15
MRFBM1CB26P5_SIN		0.00	887.47	50.69	-37.12	-78.41	-24.77	-33.95	-0.40	-8.28	0.07	19.08	1.29	4.25	1.90	-0.89	-1.03
MRFBM1FB9_COS		839.53	-798.75	17.38	18.05	40.56	21.62	19.34	27.47	1.32	-2.45	-1.56	-1.81	-0.79	-0.43	-0.33	-0.78
MRFBM1FB9_SIN		0.00	-209.57	0.35	-135.89	-42.84	10.40	7.03	-7.93	5.63	-0.86	-3.91	-4.02	-2.91	-1.60	-0.09	-0.31
MRFBM1TOR26P5_COS		-221.89	86.98	0.66	-0.13	-0.57	0.22	-1.38	-0.01	0.30	0.26	-0.09	-0.06	-0.11	-0.05	0.15	0.07
MRFBM1TOR26P5_SIN		0.00	-139.92	1.66	0.20	-0.03	-0.10	0.06	0.71	0.17	-0.11	-0.47	-0.29	0.01	0.00	0.01	0.02

RUN	POINT	Harmonics															
48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-525.22	-44.78	331.83	86.65	-123.47	-126.20	-53.11	-140.59	-0.30	25.75	44.40	66.14	35.01	20.13	-1.71	3.40
MRPC1CB33P25_SIN		0.00	1612.55	-33.75	23.90	41.62	-51.33	-4.38	99.01	-45.00	-15.93	51.39	45.16	26.10	13.50	-0.94	-2.43
MRPC1FB33P25_COS		2133.10	-195.33	-219.71	62.70	-187.07	-179.52	-152.36	-407.43	-97.04	31.06	70.35	57.42	57.19	36.37	8.83	19.34
MRPC1FB33P25_SIN		0.00	-160.96	-38.67	392.14	277.01	-54.23	17.00	223.70	-108.99	3.58	119.57	50.48	52.61	28.44	-1.54	-11.61
MRPC1TOR25P5_COS		-973.71	5.53	-17.80	31.13	17.62	6.69	75.55	12.41	-25.16	-13.87	10.71	12.87	5.93	2.26	-8.65	-6.74
MRPC1TOR25P5_SIN		0.00	-295.63	-81.91	-20.98	14.86	-45.78	-24.62	-111.95	-12.78	7.18	34.01	19.50	3.04	0.04	5.65	3.48
MRPLK1LOAD_COS		-87.01	1.06	-2.32	1.48	3.06	1.11	11.57	3.10	-3.44	-2.41	1.44	1.36	0.97	0.45	-1.83	-1.25
MRPLK1LOAD_SIN		0.00	-42.36	-8.69	-4.77	0.16	-4.47	-4.11	-15.99	-1.42	0.99	5.05	3.43	0.24	-0.06	0.65	0.30
PITCHRH_COS		22806.79	-9174.15	-559.47	40.34	-45.99	556.68	55.30	-102.51	91.00	-97.17	291.82	-10.80	72.29	-31.96	-8.95	-88.00
PITCHRH_SIN		0.00	1121.04	-512.06	92.81	-96.26	-38.74	-262.51	214.38	-56.36	-50.87	-58.69	38.48	-37.71	4.46	16.29	-60.54
ROLLRH_COS		6218.97	-854.97	570.47	-38.93	-26.97	-1730.14	74.36	-41.10	-41.57	171.88	331.23	-49.76	57.70	23.51	-55.15	-16.53
ROLLRH_SIN		0.00	-9029.82	-562.02	147.76	-60.09	997.91	-74.41	-89.81	-167.32	-133.96	-85.55	-9.47	0.09	24.24	9.56	88.08
TORQ_COS		71489.84	444.71	-6.47	45.64	52.23	209.57	14.69	62.25	-20.21	4.85	-17.48	8.90	-1.82	-4.82	1.51	-0.31
TORQ_SIN		0.00	639.17	-9.98	35.46	-81.69	83.13	9.68	19.62	-5.62	-3.19	-88.65	9.39	-9.92	5.73	-3.57	-9.76
THRUST_COS		6712.84	-70.33	-7.14	23.90	1.44	69.05	2.42	42.10	3.62	1.45	-45.65	7.02	-2.26	-1.27	0.29	-18.56
THRUST_SIN		0.00	-115.05	2.70	0.31	26.77	-4.69	5.39	-2.19	-1.54	4.08	-12.45	0.57	-0.16	3.76	-9.18	-9.16

RUN	POINT	Harmonics															
48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.25	41.22	-10.82	-4.74	-1.63	28.67	-1.55	-0.64	0.08	-8.05	-17.51	1.61	-1.65	-0.86	1.56	0.82
SIDERH_SIN		0.00	244.69	7.50	2.12	3.90	-224.13	1.23	-0.42	4.92	7.49	6.84	0.45	-0.39	-0.71	-0.30	-1.90
DRAGRH_COS		2.74	234.13	11.91	-4.66	3.05	135.24	-16.69	-2.88	-3.12	2.02	-13.63	2.40	-4.41	2.32	0.24	6.27
DRAGRH_SIN		0.00	-44.89	8.43	1.97	13.33	308.18	15.02	0.84	0.69	6.90	-4.59	-0.55	5.03	-1.04	-0.96	1.72

RUN	POINT	Harmonics															
48	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.65	-0.52	-3.56	-2.60	-0.87	-0.36	0.26	0.22	0.24	0.09	0.03	0.03	0.08	0.04	0.07	0.04
ACT1FORCE_SIN		0.00	13.00	0.85	-0.33	-0.57	-0.01	-0.24	-0.24	0.04	0.13	0.11	0.09	0.02	-0.04	0.00	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		405.69	-6.87	26.74	21.50	10.27	7.23	-0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.01	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-103.09	-9.28	8.44	8.41	-2.68	-0.03	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		400.00	6.96	-26.75	-21.56	-10.32	-7.25	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	103.28	9.35	-8.41	-8.42	2.68	0.02	0.01	-0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-2103.65	-1778.25	323.10	-33.42	-84.74	-106.31	-99.02	-83.32	-5.94	34.91	49.49	36.98	32.29	19.34	-7.24	5.40
MRBLD1CB42P75_SIN		0.00	470.49	25.17	132.13	100.14	-77.26	32.12	84.13	-17.36	7.31	43.83	57.61	29.35	18.75	4.39	-2.60

RUN	POINT	Harmonics															
48	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3510.47	-1102.42	383.42	-152.74	-58.62	-43.87	-94.76	-47.61	6.93	37.26	30.62	33.33	18.89	15.78	0.36	12.49
MRBLD1CB70_SIN		0.00	387.97	-11.43	146.09	340.10	-75.08	106.01	90.60	-3.90	7.87	-1.93	40.16	11.31	9.38	7.82	-0.49
MRBLD1CB120_COS		-512.21	-414.69	388.10	-147.88	-45.28	39.05	-41.23	-13.41	-26.61	-3.06	-0.80	-4.61	-5.87	-5.88	-1.55	2.73
MRBLD1CB120_SIN		0.00	350.61	-101.57	68.32	345.71	-34.52	109.33	49.44	-0.12	8.31	-4.53	-21.80	-9.80	-1.64	1.95	2.53
MRBLD1CB164_COS		-1985.12	-129.05	137.66	-90.28	-64.30	52.84	30.46	16.69	-29.72	-19.71	-3.45	-8.73	-4.47	-11.49	-6.00	-13.30
MRBLD1CB164_SIN		0.00	156.50	-37.56	19.46	150.68	19.36	36.84	-19.04	2.39	6.22	19.10	-23.93	-3.30	-1.26	0.25	4.72
MRBLD1FB42P75_COS		2767.77	277.61	-225.07	138.22	-205.12	-215.43	-174.28	-151.38	-144.63	-11.27	121.75	42.44	66.31	41.70	-4.43	4.71
MRBLD1FB42P75_SIN		0.00	-63.91	21.12	511.01	-126.00	158.26	75.92	232.53	5.19	-16.91	28.98	0.13	-10.38	-1.10	13.33	-22.39
MRBLD1FB70_COS		537.07	-7.22	-93.39	9.61	-70.59	-59.46	-33.22	-15.24	-8.44	6.30	4.44	0.35	-4.94	-5.50	0.93	-1.02
MRBLD1FB70_SIN		0.00	-194.02	19.30	158.40	-38.41	23.57	15.55	43.02	3.05	1.99	1.69	2.87	3.11	1.41	-1.76	5.00
MRBLD1FB87_COS		38.36	20.04	-89.34	-16.77	-41.33	-25.07	0.92	14.90	21.16	4.01	-24.11	-8.43	-13.02	-7.24	3.32	0.61
MRBLD1FB87_SIN		0.00	-217.77	29.92	108.19	-10.30	6.08	-7.52	-24.27	-4.39	-1.19	-10.31	-3.05	2.16	2.05	-0.57	7.03
MRBLD1FB120_COS		-349.82	-2.53	-167.92	-25.47	-3.11	32.68	37.35	21.90	16.64	-9.92	-4.56	1.01	8.73	5.75	-5.38	-0.51
MRBLD1FB120_SIN		0.00	-284.42	56.00	174.62	52.46	-5.88	-17.25	-60.19	-4.17	0.47	2.29	-0.50	-4.05	-3.72	0.46	-10.14
MRBLD1FB164_COS		-3.23	30.05	-242.92	66.97	174.36	90.10	-12.91	-49.83	-33.53	13.97	8.40	-0.51	-16.73	-6.09	8.40	5.46
MRBLD1FB164_SIN		0.00	-364.18	53.83	285.93	108.90	-61.56	6.32	84.54	-0.03	-0.29	-9.92	-6.42	2.62	3.48	-0.28	4.44

RUN	POINT	Harmonics															
48	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-111.04	-16.76	-133.85	23.07	147.57	52.23	-63.70	-41.60	19.72	21.94	-51.55	-18.76	-8.73	2.56	-7.62	-1.77
MRBLD1FB180_SIN		0.00	-256.57	41.59	138.92	68.92	-45.94	-8.48	87.77	1.77	-23.08	-31.07	-1.02	0.85	-6.06	0.93	-9.11
MRBLD1TOR51_COS		-1430.89	84.42	21.67	3.25	-20.94	-24.08	-52.78	-19.13	7.84	11.74	-4.99	-3.31	-1.61	2.70	0.74	3.75
MRBLD1TOR51_SIN		0.00	-73.65	37.29	57.94	-10.41	13.01	36.77	58.65	2.85	-2.92	-13.51	-4.73	-0.92	1.44	-2.58	-5.52
MRBLD1TOR71_COS		-286.82	104.18	3.77	5.67	-9.44	-9.77	-36.35	-6.70	10.67	8.28	-7.85	-4.58	-2.91	1.81	0.85	2.15
MRBLD1TOR71_SIN		0.00	-78.81	28.60	26.13	-14.09	11.81	33.04	48.19	7.38	-0.73	-13.43	-4.19	-2.10	0.49	-1.69	-3.75
MRBLD1TOR130_COS		-47.65	90.73	22.13	10.41	2.33	1.49	-21.47	-9.00	-0.04	3.49	1.62	-0.32	1.72	0.60	-1.59	-3.40
MRBLD1TOR130_SIN		0.00	-68.32	19.33	8.17	-2.56	9.06	27.80	39.94	2.49	0.61	5.88	5.40	2.24	1.10	1.50	2.04
MRBLD1TOR164_COS		-251.53	58.14	43.87	6.60	-13.50	-22.53	-15.71	6.29	7.93	-0.42	-2.72	0.88	1.60	-0.08	-2.66	-1.20
MRBLD1TOR164_SIN		0.00	-20.05	2.71	-36.19	-21.52	2.39	15.47	19.42	2.31	-2.89	-1.84	3.79	-0.27	-1.12	1.16	3.21
MRFBM1CB26P5_COS		-2832.31	-826.04	102.94	58.93	-12.24	-15.87	-3.13	-12.87	-5.45	-1.92	4.38	-0.88	2.92	0.66	-1.69	-0.35
MRFBM1CB26P5_SIN		0.00	93.25	39.86	-11.12	-57.10	-14.58	-18.08	-2.58	-5.89	-1.82	12.64	-0.03	2.41	1.35	-1.17	-0.96
MRFBM1FB9_COS		487.82	3.31	4.86	26.19	24.31	28.41	17.77	14.85	3.69	-0.99	-1.58	-0.40	-0.83	-0.25	0.49	-0.78
MRFBM1FB9_SIN		0.00	34.78	6.41	-154.65	12.25	0.43	2.26	-4.03	4.47	-0.18	-3.70	-2.16	-2.44	-1.67	-0.13	-0.46
MRFBM1TOR26P5_COS		-242.47	88.81	0.56	0.16	0.05	-0.21	-0.88	-0.06	0.17	0.29	-0.09	-0.01	-0.05	-0.04	0.06	0.06
MRFBM1TOR26P5_SIN		0.00	-139.67	0.74	-0.11	0.45	-0.07	0.49	0.42	0.06	-0.01	-0.31	-0.28	0.02	0.01	-0.03	-0.05

RUN	POINT	Harmonics															
48	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-666.58	-1567.22	241.77	40.86	-73.94	-97.36	-69.98	-75.81	-25.57	17.52	43.54	24.89	28.82	15.29	-8.37	5.20
MRPC1CB33P25_SIN		0.00	472.55	16.01	87.34	-30.62	-34.87	-0.74	54.14	-26.33	-2.69	46.03	33.73	21.30	15.38	2.40	-3.03
MRPC1FB33P25_COS		2001.73	214.02	-222.43	40.40	-137.10	-216.46	-167.59	-210.88	-111.91	-0.66	72.52	30.22	51.93	28.89	-13.52	22.43
MRPC1FB33P25_SIN		0.00	94.16	-32.47	444.91	-130.55	67.22	-0.30	120.44	-63.45	-19.94	91.20	29.54	38.31	31.83	6.28	-7.21
MRPC1TOR25P5_COS		-614.53	-16.72	-71.09	18.89	19.27	21.17	51.59	7.84	-11.70	-13.92	12.06	8.02	6.82	1.13	-2.86	-3.90
MRPC1TOR25P5_SIN		0.00	-21.56	-75.55	-58.82	21.57	-14.04	-32.53	-59.27	-8.76	3.21	23.60	14.18	3.53	0.40	5.08	7.29
MRPLK1LOAD_COS		-43.53	-2.19	-5.58	-1.00	2.14	3.50	8.03	2.47	-1.55	-2.29	1.43	0.62	0.87	0.18	-0.58	-0.89
MRPLK1LOAD_SIN		0.00	-11.92	-7.41	-7.34	1.17	-0.89	-5.39	-8.50	-0.71	0.30	3.44	2.48	0.40	-0.07	0.78	1.27
PITCHRH_COS		8376.39	-9155.07	-266.29	39.21	-32.88	-970.35	-112.66	3.79	-17.95	-46.82	67.63	8.59	40.86	-22.80	-8.92	-92.53
PITCHRH_SIN		0.00	1279.24	-529.91	45.95	-55.51	-626.43	-129.25	141.10	151.24	-15.17	-125.47	-27.11	1.99	28.07	-14.81	-59.92
ROLLRH_COS		1683.50	-1117.78	482.04	-60.27	28.66	197.73	96.10	-25.21	-218.86	96.85	303.01	16.30	17.32	28.64	-51.30	66.32
ROLLRH_SIN		0.00	-9066.92	-294.44	33.66	-1.87	332.57	-83.50	-67.26	-455.31	-119.88	-40.77	-8.95	-1.97	15.84	-5.78	120.77
TORQ_COS		66028.38	325.05	18.07	30.24	14.13	134.25	1.69	37.52	-1.54	0.63	-18.28	3.67	1.31	0.98	1.10	1.60
TORQ_SIN		0.00	761.10	-25.82	10.39	-87.32	156.50	6.98	11.94	-3.99	-4.22	-52.96	7.16	-6.24	7.86	-2.19	-4.96
THRUST_COS		5791.30	-85.90	5.10	12.61	2.37	100.86	-1.80	23.78	0.52	-0.25	-39.38	2.85	-3.90	2.68	0.87	-24.20
THRUST_SIN		0.00	-97.32	1.95	0.42	24.88	-45.94	7.41	-4.52	-4.44	0.87	-5.95	2.85	1.23	-0.78	-7.06	-9.46

RUN	POINT	Harmonics															
48	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.39	42.73	-11.24	-3.06	0.77	-38.70	-4.06	-0.02	6.35	-3.96	-15.44	-1.11	-0.50	-0.91	1.50	-1.69
SIDERH_SIN		0.00	236.82	6.01	0.91	-5.06	-67.93	5.80	0.31	10.84	6.29	3.65	-0.31	-0.11	-0.56	0.22	-3.51
DRAGRH_COS		-170.30	235.70	8.35	-1.77	5.23	141.11	-0.10	-1.84	-5.25	0.47	2.29	-0.16	-1.53	0.50	0.17	5.13
DRAGRH_SIN		0.00	-39.00	9.40	-0.91	3.66	6.92	12.87	-2.35	-6.69	2.56	5.53	2.13	0.76	-2.31	0.16	1.84

RUN	POINT	Harmonics															
48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.40	-0.92	-0.43	-3.59	-2.74	-0.50	0.06	0.62	0.00	0.01	0.11	0.22	0.23	0.11	0.15	0.07
ACT1FORCE_SIN		0.00	12.31	1.67	1.08	0.02	-0.80	-0.22	-0.11	0.07	-0.06	-0.18	0.06	0.10	-0.09	0.02	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		493.62	-3.08	-2.46	32.24	26.41	6.43	-0.03	-0.01	-0.01	-0.02	0.01	0.00	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-95.98	-12.70	-8.15	0.89	5.22	-0.01	0.00	-0.01	-0.02	0.01	0.01	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		311.90	3.05	2.47	-32.28	-26.48	-6.46	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	96.16	12.75	8.13	-0.94	-5.24	0.00	-0.01	0.00	0.02	-0.01	-0.01	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-3434.87	-1790.75	21.92	209.74	-20.26	-70.99	-63.52	-148.12	40.88	46.12	-12.32	4.27	-2.92	-5.24	-30.62	-4.08
MRBLD1CB42P75_SIN		0.00	-261.99	-41.58	90.23	110.65	-14.60	25.72	-29.30	-45.59	2.86	-81.05	41.23	13.01	7.04	35.76	-39.67

RUN	POINT	Harmonics															
48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2794.91	-1120.79	266.86	112.57	18.11	-49.62	-69.75	-107.45	29.82	47.38	-14.53	5.45	-2.01	-2.79	-17.33	-9.12
MRBLD1CB70_SIN		0.00	-146.01	-63.34	118.62	245.55	13.16	46.93	10.87	-28.95	5.26	-53.11	22.79	8.34	1.09	25.66	-39.51
MRBLD1CB120_COS		-594.46	-464.29	382.91	109.44	12.54	3.61	-41.37	-32.74	-27.90	-11.50	33.94	5.98	6.44	7.72	-0.80	3.11
MRBLD1CB120_SIN		0.00	45.96	-144.46	29.72	212.58	38.18	34.12	25.14	-7.86	-16.94	49.16	-12.60	1.21	1.27	-3.67	-9.91
MRBLD1CB164_COS		-1954.04	-144.18	123.80	18.32	-37.69	9.24	13.18	36.89	-31.91	-23.51	30.19	5.26	7.29	4.86	11.45	-1.24
MRBLD1CB164_SIN		0.00	64.90	-48.32	24.46	84.32	24.71	3.71	15.22	-5.03	-28.77	45.67	-4.64	5.37	3.65	-10.90	30.55
MRBLD1FB42P75_COS		2985.36	319.17	-384.60	473.96	-236.35	-78.32	-132.57	-333.30	-95.00	-54.83	36.35	51.80	29.15	20.75	14.43	-89.74
MRBLD1FB42P75_SIN		0.00	24.84	-8.61	177.87	-34.61	121.71	40.90	13.29	-90.35	-76.75	-95.45	25.65	6.29	13.01	96.72	-52.28
MRBLD1FB70_COS		419.43	5.88	-183.28	130.87	-79.72	-17.98	-18.96	-52.02	-1.60	3.36	-1.13	-1.11	-2.04	-3.92	-2.17	20.29
MRBLD1FB70_SIN		0.00	-212.09	21.66	54.97	-23.45	17.25	11.84	10.47	-7.30	1.55	2.90	2.62	2.73	-0.54	-20.51	10.64
MRBLD1FB87_COS		-61.81	36.09	-150.27	35.41	-61.17	-21.41	-1.48	30.67	15.65	13.33	-0.53	-9.59	-3.94	-2.88	-4.94	14.45
MRBLD1FB87_SIN		0.00	-205.08	48.48	70.01	-3.43	1.88	-3.17	-3.25	8.10	9.83	21.26	-6.25	-0.20	-0.71	-18.40	11.79
MRBLD1FB120_COS		-449.94	30.19	-226.86	4.14	-17.42	0.57	25.93	75.00	3.08	-9.09	-7.96	1.58	2.95	3.16	4.28	-22.36
MRBLD1FB120_SIN		0.00	-246.01	89.30	143.31	44.59	-6.55	-22.93	-17.44	13.30	-1.03	-8.89	2.07	-3.85	-2.32	26.57	-17.62
MRBLD1FB164_COS		-236.83	89.61	-340.66	69.34	188.31	74.79	-8.40	-105.05	-4.59	10.12	7.43	-0.67	-0.50	0.27	1.86	11.08
MRBLD1FB164_SIN		0.00	-350.86	88.50	153.86	86.97	-23.80	11.92	11.80	-19.11	0.27	16.31	-5.36	-1.03	2.25	-9.19	11.65

RUN	POINT	Harmonics															
48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-298.07	20.05	-195.80	21.33	131.46	64.68	-28.79	-105.98	17.51	29.48	-4.92	-14.78	9.90	12.33	5.17	-28.14
MRBLD1FB180_SIN		0.00	-253.01	61.64	74.08	46.09	-9.75	24.43	23.38	-19.33	-7.85	36.58	-7.03	-1.40	-6.07	28.50	-20.89
MRBLD1TOR51_COS		-1522.44	71.23	-5.72	77.11	-18.99	-27.29	2.30	-44.97	5.59	6.63	-3.95	-0.68	2.45	2.66	-3.23	1.53
MRBLD1TOR51_SIN		0.00	-150.87	6.37	40.14	2.84	-0.73	12.64	33.49	-1.95	-7.63	-1.89	-4.63	0.34	0.61	6.88	-10.96
MRBLD1TOR71_COS		-372.59	91.41	-14.43	56.12	-6.25	-16.51	9.80	-27.73	4.56	3.47	-4.94	-0.90	1.98	3.26	-1.72	1.34
MRBLD1TOR71_SIN		0.00	-144.85	1.90	18.30	-2.86	-2.04	14.36	38.27	5.71	-2.69	2.66	-4.29	-0.34	0.01	2.71	-5.53
MRBLD1TOR130_COS		-148.50	79.00	5.86	36.41	12.24	-11.17	7.22	-24.58	3.88	1.87	4.53	-0.05	0.47	-0.05	-2.95	-3.32
MRBLD1TOR130_SIN		0.00	-132.67	-2.75	5.33	7.21	1.25	13.47	27.09	2.15	-2.03	2.37	8.70	3.51	1.66	-2.82	4.70
MRBLD1TOR164_COS		-301.97	38.14	56.35	6.84	-8.04	-17.38	-4.75	-6.68	6.26	4.57	0.35	-0.58	1.68	2.61	-4.01	-3.38
MRBLD1TOR164_SIN		0.00	-70.68	-8.34	-24.39	-13.84	5.44	10.72	17.97	3.76	-0.31	5.01	5.37	2.75	1.18	-0.08	-2.76
MRFBM1CB26P5_COS		-4489.62	-773.07	-29.36	81.45	-1.27	-7.20	0.62	-14.38	-0.09	-1.83	3.37	0.54	0.61	-0.05	-5.59	0.86
MRFBM1CB26P5_SIN		0.00	-207.94	2.02	-12.37	-18.52	-12.53	-7.86	-11.25	-7.28	-3.76	-4.58	2.65	0.89	1.75	3.07	-4.60
MRFBM1FB9_COS		343.07	89.20	142.53	-87.41	28.20	16.04	8.52	14.26	-1.88	-2.18	-3.28	0.37	-0.01	0.60	2.82	-1.96
MRFBM1FB9_SIN		0.00	-10.27	27.16	-96.92	6.62	-5.03	4.36	11.76	5.91	2.00	1.65	-1.84	-1.11	-0.42	-0.78	2.93
MRFBM1TOR26P5_COS		-353.60	82.05	-0.66	0.48	-0.27	0.00	0.15	-0.25	0.19	0.07	-0.10	0.02	0.01	0.00	0.19	0.05
MRFBM1TOR26P5_SIN		0.00	-98.76	0.27	0.08	0.09	-0.26	0.44	0.10	0.20	0.11	0.02	-0.18	0.01	0.03	0.06	0.01

RUN	POINT	Harmonics															
48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1179.68	-1609.66	-48.99	240.11	-41.02	-57.98	-45.14	-127.34	17.64	22.64	5.02	6.28	1.72	-1.24	-29.32	-2.31
MRPC1CB33P25_SIN		0.00	-188.03	-24.47	38.48	29.79	-8.06	8.40	-38.46	-48.80	-14.69	-52.96	32.93	10.79	8.87	32.80	-41.34
MRPC1FB33P25_COS		2250.06	241.68	-339.10	361.73	-190.93	-100.75	-121.25	-267.22	-30.50	2.18	80.51	20.28	15.09	2.21	-78.32	-5.72
MRPC1FB33P25_SIN		0.00	188.91	-73.28	237.06	-74.23	79.30	-17.65	-123.70	-114.49	-86.29	-50.95	51.28	24.58	25.31	71.86	-111.90
MRPC1TOR25P5_COS		-636.06	-43.37	-45.28	-73.72	11.56	16.77	-13.13	34.27	-6.34	-4.69	8.03	2.47	-4.04	-2.26	-11.41	-6.85
MRPC1TOR25P5_SIN		0.00	204.51	-51.03	-15.66	-3.42	8.90	-14.59	-44.40	-4.75	4.32	-2.06	13.94	0.91	2.08	-4.20	0.54
MRPLK1LOAD_COS		-64.61	0.15	-1.64	-9.30	2.46	2.87	-1.27	6.27	-0.81	-0.94	1.50	-0.14	-0.54	-0.39	-1.97	-1.10
MRPLK1LOAD_SIN		0.00	-1.19	-2.94	-3.86	-0.22	1.14	-2.11	-5.12	-0.25	0.26	0.06	2.12	-0.13	0.10	-1.71	0.64
PITCHRH_COS		7103.17	-8779.55	-322.82	-48.53	-46.85	-1074.98	-73.43	-38.76	202.14	-21.02	-1.06	-42.50	-0.41	1.33	-1.93	-290.58
PITCHRH_SIN		0.00	2729.06	-639.32	33.80	-16.36	131.70	124.60	146.49	87.05	-64.72	-170.50	37.13	18.17	83.46	-18.53	218.36
ROLLRH_COS		1516.90	-2154.01	714.12	-35.48	-90.19	-184.21	-135.63	-10.13	117.18	18.21	331.57	-50.50	-45.50	65.99	-91.12	-631.07
ROLLRH_SIN		0.00	-8619.38	-491.34	-6.23	77.48	-350.24	-189.52	8.17	31.74	35.60	-69.84	-35.14	-6.64	-13.54	-37.35	-346.66
TORQ_COS		31683.55	473.46	5.61	6.49	-97.35	76.52	-4.01	20.42	-12.29	-0.14	11.33	0.56	1.59	-1.89	-2.87	-8.75
TORQ_SIN		0.00	590.35	-19.48	20.05	-129.34	104.12	-0.72	27.67	-5.24	-4.88	8.91	1.64	-7.54	4.77	-7.57	-4.98
THRUST_COS		5676.57	-62.94	9.20	15.62	12.54	41.43	5.28	17.09	-3.52	-4.64	-17.11	0.73	2.29	-0.89	4.76	22.31
THRUST_SIN		0.00	-83.90	8.19	8.20	38.52	-49.64	6.48	8.44	-1.22	0.82	29.56	-5.78	1.77	-2.73	-10.37	52.56

RUN	POINT	Harmonics															
48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.26	-3.27	-15.39	-5.10	-18.55	47.82	11.31	-1.41	-2.67	-1.38	-14.57	2.96	1.58	-2.06	2.36	18.06
SIDERH_SIN		0.00	214.47	12.28	2.92	-58.67	-21.57	12.73	-1.08	-0.77	-1.11	3.11	2.64	0.46	0.53	1.05	10.10
DRAGRH_COS		-181.58	237.83	10.52	-0.38	-15.80	-8.16	-10.38	-4.75	-3.70	0.66	6.31	4.47	-0.17	-1.34	-1.35	14.11
DRAGRH_SIN		0.00	-67.52	15.33	-1.13	5.14	-20.17	-33.02	0.56	2.46	2.57	11.94	-5.59	-0.60	-3.04	-0.77	-9.34

RUN	POINT	Harmonics															
48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-4.07	-1.03	-0.84	-3.56	-2.73	0.01	0.06	0.65	0.02	-0.07	0.12	0.24	0.21	0.14	0.03	0.11
ACT1FORCE_SIN		0.00	11.67	2.17	1.06	-0.26	-0.58	-0.25	-0.02	0.00	-0.03	-0.09	0.02	0.16	-0.02	-0.04	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		594.91	-2.43	1.58	33.12	27.41	1.95	-0.03	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-92.35	-16.76	-7.28	3.55	2.45	-0.03	0.00	-0.01	-0.02	0.01	0.00	-0.01	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		210.41	2.36	-1.60	-33.16	-27.45	-1.97	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	92.51	16.80	7.22	-3.64	-2.47	0.01	-0.01	0.01	0.02	-0.02	0.00	0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-3376.12	-2165.25	70.33	219.36	-43.51	-75.74	-75.22	-169.27	58.05	52.24	-0.95	14.97	-7.86	-3.46	-14.44	-13.65
MRBLD1CB42P75_SIN		0.00	-487.03	-67.07	145.10	55.10	-15.78	46.23	-81.85	-35.87	5.16	-77.87	48.24	6.71	-1.95	32.42	-41.73

RUN	POINT	Harmonics															
48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2830.96	-1367.38	281.61	116.17	7.99	-38.38	-81.05	-136.11	41.46	51.69	0.72	12.69	-5.28	-1.20	-4.46	-18.31
MRBLD1CB70_SIN		0.00	-310.41	-75.18	164.64	181.68	3.63	43.93	-24.44	-21.54	7.63	-39.21	30.07	2.13	-6.12	23.21	-41.66
MRBLD1CB120_COS		-613.32	-564.77	371.81	105.67	-6.65	29.27	-39.39	-50.36	-35.13	-23.01	20.75	-1.25	10.11	9.95	1.45	3.67
MRBLD1CB120_SIN		0.00	-38.30	-143.01	65.14	148.46	27.61	2.30	17.10	-2.99	-17.19	46.96	-15.66	2.30	2.60	-1.75	-8.91
MRBLD1CB164_COS		-1951.22	-168.46	117.21	17.82	-47.12	23.15	22.81	33.36	-42.78	-32.45	15.60	0.00	9.74	4.23	3.22	3.08
MRBLD1CB164_SIN		0.00	37.49	-44.51	43.53	56.57	18.28	-13.52	31.60	-7.66	-31.17	31.06	-12.13	7.26	7.79	-9.59	32.94
MRBLD1FB42P75_COS		2931.38	442.53	-345.78	522.17	-378.19	-76.10	-138.46	-399.20	-83.80	-68.27	-10.62	49.84	16.89	13.55	31.74	-97.21
MRBLD1FB42P75_SIN		0.00	57.09	-10.14	274.56	-131.79	136.52	67.40	-70.54	-73.42	-67.94	-104.91	21.08	2.41	-6.56	59.16	-39.95
MRBLD1FB70_COS		410.57	13.95	-163.56	145.17	-122.60	-18.34	-20.68	-64.38	1.75	3.73	-0.35	-0.06	0.48	-1.88	-6.71	20.94
MRBLD1FB70_SIN		0.00	-215.93	20.05	92.91	-55.67	22.44	16.39	-5.96	-4.18	3.15	3.07	1.85	3.07	3.68	-11.50	7.85
MRBLD1FB87_COS		-60.26	44.34	-136.53	43.04	-76.91	-20.99	-2.61	34.58	14.50	15.96	7.93	-10.76	-1.44	0.01	-6.95	16.00
MRBLD1FB87_SIN		0.00	-202.74	48.17	90.80	-16.08	3.83	-4.13	3.64	5.45	9.20	23.53	-6.21	-0.63	2.47	-9.91	10.66
MRBLD1FB120_COS		-421.92	34.57	-209.66	16.47	-16.26	2.51	30.75	94.18	-1.79	-8.40	-8.10	2.33	-1.07	-1.76	7.50	-24.10
MRBLD1FB120_SIN		0.00	-230.78	83.42	164.27	49.02	-10.14	-27.44	6.29	8.94	-4.97	-10.63	3.97	-2.54	-8.36	12.10	-16.79
MRBLD1FB164_COS		-311.41	117.38	-327.07	93.08	250.83	89.39	-16.19	-126.45	1.28	8.35	9.39	-3.15	1.26	2.76	0.82	13.36
MRBLD1FB164_SIN		0.00	-367.10	71.27	157.60	135.42	-30.33	11.01	-24.29	-6.35	5.76	17.74	-7.90	-5.13	4.38	-0.05	14.30

RUN	POINT	Harmonics															
48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-379.05	33.49	-187.50	24.13	165.40	81.65	-32.18	-136.85	18.97	36.51	11.57	-24.71	2.87	8.12	12.55	-28.33
MRBLD1FB180_SIN		0.00	-275.67	52.52	73.72	68.12	-12.54	32.58	-6.86	-11.10	-5.56	37.18	-9.17	-4.69	-14.63	8.60	-21.52
MRBLD1TOR51_COS		-1639.80	73.75	16.89	81.63	-25.07	-25.95	2.98	-67.97	4.00	7.05	0.34	-1.42	1.79	4.47	2.59	2.19
MRBLD1TOR51_SIN		0.00	-225.08	5.15	58.35	-7.62	-1.99	29.62	17.02	-0.07	-7.00	-0.09	-6.17	-2.07	-2.09	6.32	-9.91
MRBLD1TOR71_COS		-482.63	98.53	5.73	58.34	-8.19	-15.95	10.84	-47.25	2.57	3.51	-1.07	-1.69	1.59	3.55	1.66	2.77
MRBLD1TOR71_SIN		0.00	-212.40	1.77	30.53	-6.82	-4.10	28.40	27.98	6.51	-2.34	4.74	-5.46	-1.19	-1.70	1.65	-4.84
MRBLD1TOR130_COS		-261.41	83.98	24.08	39.49	14.55	-11.16	8.51	-38.62	2.69	-0.39	3.88	0.25	0.91	-0.57	-5.07	-3.77
MRBLD1TOR130_SIN		0.00	-203.28	-4.20	11.93	11.65	-2.82	22.99	17.95	4.47	-2.58	-0.41	8.52	3.89	2.44	-3.16	3.09
MRBLD1TOR164_COS		-379.93	36.73	64.13	4.93	-11.14	-19.29	-6.43	-13.83	6.81	4.95	-0.08	-2.23	0.81	2.85	-2.16	-4.02
MRBLD1TOR164_SIN		0.00	-120.98	-8.37	-25.68	-20.64	6.39	14.31	14.21	3.84	0.51	5.22	5.13	2.71	0.58	-0.79	-3.19
MRFBM1CB26P5_COS		-4430.59	-984.07	-6.76	85.17	-7.30	-11.46	0.77	-12.25	1.37	-2.42	1.15	0.48	0.08	0.85	-2.89	0.79
MRFBM1CB26P5_SIN		0.00	-358.24	-6.49	-1.15	-16.09	-13.44	-1.45	-16.77	-5.55	-4.76	-9.13	2.09	0.51	0.69	2.60	-4.15
MRFBM1FB9_COS		294.93	291.03	107.44	-92.37	39.40	16.55	8.43	13.86	-1.67	-1.86	-3.25	0.02	-0.04	-0.12	1.68	-1.57
MRFBM1FB9_SIN		0.00	22.24	28.15	-125.71	24.43	-5.85	2.13	17.88	4.78	1.88	2.52	-2.05	-0.56	-0.12	-1.15	3.49
MRFBM1TOR26P5_COS		-354.72	83.38	-0.43	0.43	-0.09	0.03	0.24	-0.41	0.17	0.19	-0.04	0.03	0.02	-0.02	0.18	0.06
MRFBM1TOR26P5_SIN		0.00	-98.87	0.65	0.16	0.00	-0.17	0.69	0.00	0.18	0.19	0.12	-0.23	0.04	0.04	0.09	0.04

RUN	POINT	Harmonics															
48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1152.77	-1907.88	-1.97	251.41	-73.14	-65.72	-48.75	-139.21	28.15	24.19	2.53	12.65	-1.93	1.33	-11.95	-9.84
MRPC1CB33P25_SIN		0.00	-338.92	-56.51	83.75	-11.77	-2.57	28.02	-80.05	-41.31	-14.60	-58.97	34.84	5.98	0.64	28.89	-42.05
MRPC1FB33P25_COS		2201.33	351.58	-311.00	386.01	-286.56	-102.38	-136.58	-284.36	-28.39	-11.83	52.67	20.82	8.75	12.87	-34.44	-21.42
MRPC1FB33P25_SIN		0.00	227.84	-67.01	325.46	-188.30	92.71	0.88	-216.41	-95.90	-86.72	-83.49	48.02	12.21	6.22	64.06	-112.37
MRPC1TOR25P5_COS		-514.24	-34.97	-74.05	-78.18	14.42	16.93	-16.23	57.77	-3.09	-7.03	3.36	3.05	-4.65	-4.48	-14.06	-10.02
MRPC1TOR25P5_SIN		0.00	283.28	-40.72	-32.53	1.38	11.86	-31.79	-31.07	-6.03	1.87	-5.97	17.86	3.11	2.64	-4.66	-0.53
MRPLK1LOAD_COS		-48.85	-1.14	-4.59	-10.05	3.26	2.71	-1.54	9.63	-0.52	-1.34	0.68	0.05	-0.49	-0.71	-2.51	-1.28
MRPLK1LOAD_SIN		0.00	8.47	-2.75	-6.06	0.75	1.31	-4.55	-3.08	-0.38	-0.07	-0.61	2.62	0.16	0.18	-1.93	0.29
PITCHRH_COS		3791.31	-8764.35	-306.77	-81.65	-58.14	-1723.19	-53.32	-65.73	170.79	54.99	-12.44	-16.21	5.20	24.33	-0.33	-128.57
PITCHRH_SIN		0.00	2714.37	-640.41	43.99	7.70	-94.15	36.00	131.64	90.13	-17.53	-114.31	-12.34	11.33	34.01	-20.83	130.88
ROLLRH_COS		894.38	-2066.85	733.68	-4.20	-118.05	362.88	-57.19	12.29	102.85	14.11	374.33	-21.66	-35.35	35.82	-122.65	-629.35
ROLLRH_SIN		0.00	-8633.73	-451.00	23.24	46.08	-1054.79	-204.63	34.95	13.28	106.83	-51.17	-28.54	20.12	-25.42	-48.91	-173.33
TORQ_COS		32402.93	434.01	5.64	1.60	-96.60	113.29	-2.53	11.24	-18.23	-3.76	18.94	-0.22	3.91	-3.77	-4.90	-10.86
TORQ_SIN		0.00	531.80	-17.91	12.82	-112.44	117.70	-1.79	34.18	-7.83	-1.63	20.51	5.92	-6.67	2.67	-7.70	6.39
THRUST_COS		5526.24	-53.91	8.20	10.45	11.10	46.61	3.20	13.71	-2.25	-7.47	-8.85	2.26	2.52	-1.98	5.75	33.33
THRUST_SIN		0.00	-96.96	6.76	4.05	36.97	-57.81	9.27	13.88	-0.16	-0.54	37.31	-2.11	0.97	-0.57	-7.33	51.73

RUN	POINT	Harmonics															
48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.03	-8.49	-14.20	-4.44	-12.79	53.94	3.03	-1.09	-2.22	-0.97	-17.28	1.41	1.36	-1.09	3.32	17.47
SIDERH_SIN		0.00	222.66	12.47	3.97	-59.18	45.76	16.09	-3.12	0.28	-4.74	2.21	2.09	-0.76	0.94	1.33	5.28
DRAGRH_COS		-211.95	241.54	12.30	-0.61	-18.67	-56.55	0.72	-6.23	-3.62	-3.92	4.79	2.61	-1.75	-0.70	-0.70	7.58
DRAGRH_SIN		0.00	-67.47	15.62	-1.62	3.29	-68.43	-26.57	-0.37	1.86	-1.75	10.37	-2.09	-0.05	-0.72	-0.28	-3.51

RUN	POINT	Harmonics															
48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-2.81	-0.94	-1.04	-3.80	-2.41	0.30	0.30	0.76	0.01	-0.07	-0.01	0.28	0.13	0.07	0.04	0.09
ACT1FORCE_SIN		0.00	11.66	2.55	0.63	-0.78	-0.48	-0.20	-0.02	0.09	-0.09	-0.03	0.11	0.18	0.01	-0.08	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		698.34	-3.01	2.98	35.87	24.65	-1.10	-0.01	0.00	-0.02	-0.01	-0.01	0.00	-0.02	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-90.85	-19.66	-5.46	8.00	2.20	-0.02	0.00	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		106.82	2.89	-3.04	-35.91	-24.64	1.10	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	90.96	19.72	5.34	-8.16	-2.21	0.01	-0.01	0.01	0.01	-0.01	-0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3332.04	-2276.86	67.05	188.64	-62.55	-92.97	-90.31	-187.72	71.61	56.48	14.83	16.18	-21.79	-10.43	-7.66	-7.33
MRBLD1CB42P75_SIN		0.00	-560.11	-82.91	172.04	-9.31	-21.83	56.59	-137.77	-27.81	4.30	-100.46	82.73	27.18	-0.93	20.88	-37.39

RUN	POINT	Harmonics															
48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2841.82	-1449.28	267.53	86.38	-14.35	-73.31	-95.82	-156.47	52.70	56.88	14.02	14.80	-9.74	-3.52	3.79	-13.47
MRBLD1CB70_SIN		0.00	-351.41	-89.36	183.24	112.14	-12.51	26.45	-64.96	-17.79	8.97	-39.71	50.83	16.95	-3.65	19.29	-36.21
MRBLD1CB120_COS		-647.80	-601.66	346.05	74.33	-48.56	4.29	-45.58	-58.92	-34.89	-33.95	9.43	-1.04	16.51	10.62	2.25	2.36
MRBLD1CB120_SIN		0.00	-30.64	-155.52	75.61	77.51	17.44	-41.81	2.84	-5.98	-15.57	56.23	-28.78	-3.63	3.65	-0.53	-5.84
MRBLD1CB164_COS		-1954.55	-179.05	108.37	4.08	-67.69	13.73	29.14	32.92	-46.98	-41.57	5.64	0.29	12.50	5.28	-3.86	1.37
MRBLD1CB164_SIN		0.00	38.86	-46.16	46.09	27.45	12.12	-34.57	44.96	-13.01	-32.16	28.82	-21.72	0.00	5.75	-9.66	26.12
MRBLD1FB42P75_COS		2899.11	491.98	-338.66	452.61	-507.41	-32.43	-166.74	-464.68	-58.47	-82.64	-38.13	79.27	19.76	8.85	18.41	-75.01
MRBLD1FB42P75_SIN		0.00	65.33	-9.09	323.79	-242.95	163.76	91.19	-179.91	-73.59	-59.73	-154.19	45.79	25.68	1.47	29.61	-37.41
MRBLD1FB70_COS		409.95	20.50	-158.23	117.30	-160.12	-8.17	-26.02	-77.55	4.99	3.64	-0.35	-1.27	-0.65	-1.55	-5.41	15.24
MRBLD1FB70_SIN		0.00	-220.92	24.54	109.09	-92.70	29.62	21.13	-25.97	-4.14	4.09	2.88	1.44	1.50	2.67	-4.49	7.02
MRBLD1FB87_COS		-54.39	49.40	-131.09	24.57	-92.05	-19.63	-1.89	38.38	10.27	18.36	13.63	-17.72	-2.27	0.76	-3.13	12.99
MRBLD1FB87_SIN		0.00	-208.26	55.29	99.14	-29.44	5.32	-3.96	14.12	5.69	8.31	34.95	-12.65	-6.30	0.42	-4.16	10.55
MRBLD1FB120_COS		-395.00	37.23	-193.35	4.07	-10.22	-5.01	40.05	113.49	-4.67	-6.99	-7.93	5.61	-0.25	-1.38	4.22	-19.15
MRBLD1FB120_SIN		0.00	-243.43	90.54	172.01	59.13	-14.71	-32.87	32.58	8.78	-7.54	-15.00	7.49	0.82	-7.60	3.10	-14.76
MRBLD1FB164_COS		-379.42	140.21	-322.40	88.72	321.23	99.82	-21.05	-147.91	7.81	6.74	10.94	-6.66	1.91	3.26	2.33	10.57
MRBLD1FB164_SIN		0.00	-424.31	70.60	154.37	182.25	-35.05	11.59	-62.74	-5.56	8.52	25.36	-14.39	-11.44	2.32	5.77	14.44

RUN	POINT	Harmonics															
48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-452.44	45.55	-183.21	19.78	203.78	100.95	-33.43	-162.73	19.57	43.44	26.99	-33.69	7.01	13.11	10.06	-23.25
MRBLD1FB180_SIN		0.00	-323.25	54.13	73.01	89.60	-14.68	40.28	-38.22	-8.19	-4.03	57.83	-23.88	-12.28	-13.78	-0.38	-17.93
MRBLD1TOR51_COS		-1756.19	78.85	30.51	79.06	-31.25	-32.71	3.68	-84.07	2.35	6.42	2.57	0.13	3.98	5.91	2.45	2.25
MRBLD1TOR51_SIN		0.00	-297.74	3.91	63.91	-11.34	-0.64	34.32	2.06	2.55	-7.18	3.93	-8.31	-2.31	-0.92	4.25	-8.27
MRBLD1TOR71_COS		-592.66	105.09	19.13	58.43	-10.27	-22.31	12.64	-61.16	0.11	3.00	-0.04	-1.24	4.36	4.24	2.19	2.74
MRBLD1TOR71_SIN		0.00	-281.01	1.32	33.33	-4.44	-4.26	32.17	19.94	8.09	-2.75	9.62	-8.49	-1.79	-0.20	0.78	-3.93
MRBLD1TOR130_COS		-374.69	89.86	36.76	43.37	16.65	-16.04	9.02	-49.71	2.14	-2.81	5.01	-2.11	-0.21	-2.10	-3.12	-3.33
MRBLD1TOR130_SIN		0.00	-274.36	-5.67	14.08	19.16	-4.72	26.35	9.45	6.51	-3.62	-3.57	12.00	5.02	2.98	-2.28	2.15
MRBLD1TOR164_COS		-458.93	36.58	73.10	8.07	-15.78	-21.09	-7.88	-20.23	5.83	5.64	0.45	-4.72	0.63	2.51	0.98	-3.70
MRBLD1TOR164_SIN		0.00	-167.08	-9.69	-25.98	-26.64	7.44	16.33	11.83	3.61	-0.51	5.71	5.59	2.39	0.73	-0.57	-2.11
MRFBM1CB26P5_COS		-4379.49	-1075.47	-4.89	81.16	-6.57	-6.84	0.45	-11.50	2.37	-3.31	1.46	0.75	-1.13	0.32	-2.25	1.21
MRFBM1CB26P5_SIN		0.00	-442.94	-13.23	9.84	-16.34	-14.64	5.51	-21.57	-3.42	-5.73	-15.72	4.35	0.83	0.39	0.32	-3.07
MRFBM1FB9_COS		270.26	390.74	103.73	-69.90	49.36	15.11	9.02	12.70	-2.45	-1.49	-4.73	0.64	0.95	0.16	0.90	-1.39
MRFBM1FB9_SIN		0.00	67.60	29.43	-133.16	44.74	-9.30	1.72	25.46	3.95	2.00	3.81	-3.33	-0.79	0.00	-0.79	2.82
MRFBM1TOR26P5_COS		-356.27	84.11	-0.33	0.43	0.03	-0.19	0.49	-0.48	0.18	0.31	-0.04	0.18	0.02	0.01	0.06	0.06
MRFBM1TOR26P5_SIN		0.00	-99.55	0.82	0.15	0.10	-0.19	0.76	-0.09	0.11	0.26	0.28	-0.38	0.01	0.00	0.04	0.03

RUN	POINT	Harmonics															
48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1140.62	-1976.27	-3.28	227.02	-92.56	-69.01	-55.82	-150.77	39.49	24.12	7.72	17.02	-10.66	-4.67	-5.42	-4.72
MRPC1CB33P25_SIN		0.00	-367.55	-70.78	107.89	-59.53	2.68	40.80	-122.41	-35.65	-15.46	-83.13	58.87	21.69	1.79	17.08	-35.17
MRPC1FB33P25_COS		2174.18	394.28	-307.84	318.50	-368.83	-75.72	-168.89	-291.40	-7.37	-27.36	62.52	25.36	-6.92	2.93	-14.03	-10.55
MRPC1FB33P25_SIN		0.00	243.16	-64.17	354.42	-310.56	126.97	9.61	-328.68	-84.80	-87.46	-134.98	86.48	30.65	6.95	34.70	-90.93
MRPC1TOR25P5_COS		-393.62	-37.29	-90.01	-78.07	18.86	24.80	-19.98	75.39	1.12	-7.76	3.97	-1.13	-8.92	-8.76	-7.31	-8.56
MRPC1TOR25P5_SIN		0.00	359.06	-37.24	-38.58	-1.08	11.56	-36.99	-20.74	-7.96	0.63	-15.05	27.73	6.10	1.65	-3.46	0.80
MRPLK1LOAD_COS		-33.20	-2.11	-6.44	-9.89	4.16	3.71	-1.99	12.00	-0.23	-1.59	0.59	-0.93	-0.95	-1.39	-1.08	-1.27
MRPLK1LOAD_SIN		0.00	18.24	-2.60	-6.97	0.70	1.26	-5.25	-1.18	-0.47	-0.22	-2.01	4.18	0.58	0.26	-1.33	0.48
PITCHRH_COS		2107.98	-8983.02	-242.93	-99.76	1.77	-2344.13	18.57	-50.55	248.08	70.36	-20.73	-29.96	-12.99	58.56	11.97	-57.04
PITCHRH_SIN		0.00	2753.22	-732.71	25.68	-36.33	-345.74	-20.19	103.90	80.58	23.89	-96.52	-7.20	13.69	-4.42	-62.25	-10.65
ROLLRH_COS		224.04	-1986.40	809.13	10.81	-112.86	877.79	-30.81	-8.48	100.99	55.39	450.90	-4.36	-44.14	-23.19	-162.61	-405.20
ROLLRH_SIN		0.00	-8840.14	-335.57	27.87	-21.76	-1621.91	-241.15	70.95	39.74	77.76	-46.98	-26.74	10.19	-43.58	-9.51	-105.47
TORQ_COS		32674.62	437.02	12.59	6.24	-94.46	147.05	-7.58	12.32	-16.42	-5.61	26.97	-4.08	3.62	-4.25	-2.98	-9.12
TORQ_SIN		0.00	479.44	-8.14	11.27	-115.22	160.40	-5.86	27.40	-12.64	1.53	40.79	5.14	-6.45	5.02	-8.31	8.24
THRUST_COS		5437.85	-34.44	11.38	12.68	7.78	42.73	1.95	14.15	-3.71	-10.96	-8.43	1.70	2.06	-2.35	6.98	22.37
THRUST_SIN		0.00	-107.83	1.97	0.84	35.24	-69.08	12.95	7.02	-1.23	-0.93	64.89	0.97	2.44	1.34	-8.84	38.05

RUN	POINT	Harmonics															
48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.90	-31.10	-14.52	-4.95	-2.49	65.46	2.57	-0.09	-2.23	-2.47	-21.82	0.31	1.48	0.67	4.83	11.45
SIDERH_SIN		0.00	240.98	11.72	4.97	-51.92	103.65	17.56	-4.11	-0.71	-3.38	1.30	1.92	-0.76	1.41	0.05	3.32
DRAGRH_COS		-230.13	252.19	13.73	-0.16	-22.08	-111.09	0.45	-8.09	-5.31	-5.04	2.87	4.07	-1.73	-1.14	-1.11	3.89
DRAGRH_SIN		0.00	-66.98	17.88	-2.59	-2.16	-91.56	-24.24	0.85	4.28	-2.87	4.63	-1.32	-0.89	1.32	1.87	3.77

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	82																
FLAP1C_COS		-0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.23	0.04	0.21	-3.62	-2.87	-1.12	-0.10	0.36	0.27	0.11	-0.03	0.22	0.13	0.15	0.18	0.04
ACT1FORCE_SIN		0.00	10.88	1.67	1.39	0.72	-0.91	-0.29	-0.57	0.08	0.08	-0.09	0.02	-0.08	-0.04	-0.09	0.14
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		223.46	-9.45	-5.55	29.93	26.47	14.41	-0.03	-0.02	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-82.68	-13.64	-12.23	-6.02	8.32	-0.02	-0.01	0.00	-0.02	0.00	0.00	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		582.57	9.63	5.63	-29.93	-26.51	-14.54	0.00	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	82.85	13.68	12.42	6.21	-8.23	0.01	0.00	-0.01	0.01	0.00	-0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-3488.63	-1225.77	9.01	267.06	-7.59	-42.13	-13.63	-124.04	23.68	31.06	-7.90	8.31	-3.28	-3.89	-22.99	-5.69
MRBLD1CB42P75_SIN		0.00	11.59	-21.69	31.76	208.40	5.86	1.57	103.24	-67.50	0.82	-56.56	37.16	12.12	10.76	24.63	-12.97

RUN	POINT	Harmonics															
48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2797.28	-759.84	289.79	164.32	33.15	-8.92	-33.48	-71.33	17.09	29.68	-8.92	7.24	-0.81	-0.01	-14.98	-3.84
MRBLD1CB70_SIN		0.00	28.54	-47.57	76.80	334.72	55.16	61.99	101.99	-36.63	4.44	-52.95	18.94	4.90	5.84	14.67	-13.79
MRBLD1CB120_COS		-505.54	-324.01	432.65	159.63	53.49	30.62	-33.49	-17.13	-31.74	0.05	26.38	1.88	6.28	5.20	0.79	0.52
MRBLD1CB120_SIN		0.00	113.05	-141.12	1.84	315.72	64.21	99.91	77.37	12.97	-7.40	36.54	-12.06	0.82	-0.97	-3.15	-8.39
MRBLD1CB164_COS		-1956.21	-105.48	140.66	41.73	-12.76	13.73	-6.70	37.40	-27.98	-8.16	20.55	1.67	6.87	4.03	8.55	-1.66
MRBLD1CB164_SIN		0.00	77.09	-54.54	11.98	130.78	35.20	33.04	-9.57	12.78	-21.09	43.03	-3.95	6.62	-0.87	-8.13	10.84
MRBLD1FB42P75_COS		3060.91	149.24	-418.29	563.95	-35.35	-69.66	-38.69	-203.35	-112.48	-22.94	54.65	48.71	35.82	24.59	14.00	-53.79
MRBLD1FB42P75_SIN		0.00	-4.89	-13.89	51.89	232.04	24.37	7.58	296.66	-87.51	-81.76	-45.64	15.54	4.22	8.07	57.55	-17.23
MRBLD1FB70_COS		425.00	-1.40	-202.85	168.53	-23.35	-14.35	1.57	-24.25	-4.98	2.66	-1.16	-1.15	-3.04	-4.47	-2.03	13.02
MRBLD1FB70_SIN		0.00	-205.24	16.57	8.72	63.32	-6.19	3.06	61.25	-6.43	2.72	3.15	2.80	2.76	-0.56	-13.67	3.50
MRBLD1FB87_COS		-74.97	22.14	-170.19	57.72	-41.55	-24.67	-7.04	21.31	17.52	7.55	-4.82	-8.82	-4.88	-4.93	-6.45	7.18
MRBLD1FB87_SIN		0.00	-203.96	42.18	46.99	33.45	1.64	-3.42	-27.27	9.12	10.43	11.66	-2.79	0.59	1.70	-10.51	2.56
MRBLD1FB120_COS		-507.45	28.03	-251.49	17.51	-19.69	-0.85	-2.71	32.89	6.92	-8.47	-6.73	0.96	4.39	6.63	7.53	-11.78
MRBLD1FB120_SIN		0.00	-255.95	90.48	119.58	22.81	6.32	-17.11	-89.97	7.21	-3.22	-9.25	-3.52	-6.16	-4.62	15.94	-4.33
MRBLD1FB164_COS		-89.20	39.09	-343.21	63.08	94.99	46.19	22.63	-57.75	-12.33	9.88	3.67	-4.10	-3.11	-1.92	-2.42	4.55
MRBLD1FB164_SIN		0.00	-262.76	103.18	161.29	-25.59	-16.57	20.73	117.08	-20.85	1.33	13.46	-0.34	0.16	1.43	-7.85	0.51

RUN	POINT	Harmonics															
48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-128.66	-1.56	-190.33	37.57	89.80	28.14	-6.14	-47.49	14.69	10.31	-22.09	-15.07	10.60	12.30	3.98	-18.58
MRBLD1FB180_SIN		0.00	-167.26	61.16	73.53	-15.06	-16.75	9.64	108.93	-23.93	-9.23	20.17	2.05	-1.46	-8.07	17.38	-2.03
MRBLD1TOR51_COS		-1289.37	66.27	-34.21	78.34	-10.09	-13.54	-2.53	-7.59	12.80	4.66	-7.35	-2.29	3.45	2.74	-2.43	-1.66
MRBLD1TOR51_SIN		0.00	-13.06	8.14	18.74	17.20	2.25	-7.63	75.61	-1.71	-4.62	-4.01	-3.95	1.50	1.43	2.02	-8.39
MRBLD1TOR71_COS		-155.31	80.57	-41.60	53.57	-2.87	-5.29	2.63	6.29	11.63	2.00	-7.53	-2.94	2.86	4.04	-1.84	-2.05
MRBLD1TOR71_SIN		0.00	-17.46	2.71	3.93	-1.13	2.77	-3.73	64.37	7.07	-0.49	-0.71	-3.34	-0.07	0.32	1.39	-4.11
MRBLD1TOR130_COS		75.02	71.01	-19.17	26.43	9.71	-2.85	3.94	0.29	6.62	3.98	2.50	-0.50	0.24	-0.02	-2.96	-1.47
MRBLD1TOR130_SIN		0.00	0.31	0.40	-3.08	-5.29	7.50	0.95	54.35	2.70	0.59	5.34	8.65	3.14	0.38	-0.13	5.36
MRBLD1TOR164_COS		-141.78	40.14	40.92	3.14	-5.79	-10.57	-2.34	7.66	6.04	3.14	1.06	0.58	2.08	3.29	-2.33	-2.17
MRBLD1TOR164_SIN		0.00	20.62	-8.01	-25.60	-0.64	3.60	2.97	25.36	3.63	-1.25	3.40	5.75	2.66	0.07	1.30	0.52
MRFBM1CB26P5_COS		-4553.06	-484.56	-37.69	87.37	1.59	-9.07	3.87	-16.90	-0.94	1.00	2.65	0.99	0.91	0.00	-2.98	-1.49
MRFBM1CB26P5_SIN		0.00	-43.99	8.25	-27.39	-17.81	-13.63	-17.23	1.90	-12.45	-2.72	2.28	2.31	1.73	1.32	3.35	-3.05
MRFBM1FB9_COS		417.59	-170.35	168.45	-119.41	19.37	9.99	5.64	18.84	-0.87	-2.23	-2.68	-0.08	0.02	0.45	1.60	-0.66
MRFBM1FB9_SIN		0.00	-56.42	24.17	-71.97	-33.85	0.55	4.64	-5.24	6.07	1.41	0.32	-1.94	-1.42	-0.84	-0.58	1.59
MRFBM1TOR26P5_COS		-351.79	79.79	-0.92	0.34	-0.43	0.04	-0.09	0.01	0.21	-0.09	-0.08	0.02	0.00	-0.02	0.16	0.08
MRFBM1TOR26P5_SIN		0.00	-98.77	0.03	-0.12	-0.07	-0.26	0.01	0.35	0.18	0.04	-0.14	-0.18	0.00	0.06	-0.07	-0.07

RUN	POINT	Harmonics															
48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1210.77	-1130.22	-68.05	285.95	-16.06	-41.33	-6.65	-116.48	4.27	20.40	6.81	9.36	2.20	-0.50	-20.25	-6.53
MRPC1CB33P25_SIN		0.00	19.61	-0.17	-20.58	118.02	-11.74	-15.62	79.53	-67.86	-12.53	-28.34	28.99	11.82	10.93	23.52	-16.55
MRPC1FB33P25_COS		2309.47	89.21	-357.82	455.53	-84.34	-65.08	-32.90	-277.48	-44.24	27.20	66.27	26.41	22.16	10.19	-44.36	-17.49
MRPC1FB33P25_SIN		0.00	147.08	-83.48	147.20	191.75	2.83	-8.89	148.98	-119.93	-71.63	-4.82	41.81	28.26	25.79	50.04	-57.33
MRPC1TOR25P5_COS		-880.76	-53.94	-5.79	-71.35	5.38	4.58	-1.50	-5.91	-15.94	-0.29	10.60	3.46	-4.06	-0.95	-9.18	-4.72
MRPC1TOR25P5_SIN		0.00	57.97	-65.10	5.27	-8.27	1.80	8.38	-78.44	-6.00	2.64	3.69	11.73	-1.88	-0.20	3.41	6.12
MRPLK1LOAD_COS		-96.18	1.87	2.06	-9.03	0.74	1.30	0.00	0.57	-1.76	-0.02	1.79	-0.12	-0.57	-0.09	-1.96	-1.01
MRPLK1LOAD_SIN		0.00	-19.66	-3.40	-0.67	-1.26	0.66	1.03	-10.63	-0.43	0.25	1.07	1.98	-0.42	-0.25	0.09	1.52
PITCHRH_COS		12138.00	-9001.16	-603.62	-31.86	-82.86	152.43	-25.01	-26.54	73.10	-75.89	61.65	-14.31	25.10	-2.37	-10.65	-223.40
PITCHRH_SIN		0.00	2737.37	-684.33	115.77	-60.94	674.67	92.75	141.79	36.10	-65.87	-268.48	42.70	1.70	66.93	30.28	270.36
ROLLRH_COS		2613.51	-2256.32	711.14	-88.71	-119.43	-1330.08	-132.26	-57.97	135.20	126.43	244.09	-67.59	-7.01	27.90	8.01	-586.67
ROLLRH_SIN		0.00	-8819.36	-717.14	-10.07	81.50	652.33	-60.82	-48.73	-50.58	-59.91	-17.29	-5.13	21.83	-30.26	-9.52	-21.95
TORQ_COS		30539.89	434.11	-2.68	3.08	-131.68	39.16	0.14	21.08	-15.69	-1.50	6.24	-0.44	5.30	-2.38	-5.61	8.92
TORQ_SIN		0.00	621.59	-28.20	8.12	-104.69	17.13	5.36	20.25	22.57	-7.18	-17.05	2.37	-7.43	5.59	-9.25	-19.42
THRUST_COS		5941.60	-43.98	5.58	10.50	19.75	25.54	1.21	20.81	-2.84	-4.36	-18.59	-0.19	2.30	-0.26	-0.05	22.02
THRUST_SIN		0.00	-81.99	7.21	5.84	35.99	-14.86	1.20	9.85	-3.25	3.81	16.36	-2.79	-0.47	0.96	-2.29	29.03

RUN	POINT	Harmonics															
48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.64	14.46	-15.15	-2.03	-20.82	47.96	9.25	-1.41	-2.61	-6.10	-10.45	3.72	0.53	-0.99	-0.82	17.34
SIDERH_SIN		0.00	221.48	15.41	2.45	-55.57	-120.55	2.42	1.19	0.78	4.32	1.10	0.28	-0.40	1.21	0.15	0.80
DRAGRH_COS		-120.53	242.41	14.36	-2.18	-9.01	83.79	-22.45	0.50	-0.71	2.84	0.31	-0.44	-2.18	0.25	-0.20	9.69
DRAGRH_SIN		0.00	-72.12	13.51	-1.45	13.07	84.06	-13.59	2.46	1.40	2.17	12.34	-4.39	1.45	-3.18	-2.23	-13.44

RUN	POINT	Harmonics															
48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.20	0.64	0.71	-3.35	-2.71	-1.20	-0.14	0.22	0.27	0.17	-0.03	0.16	0.07	0.09	0.10	0.05
ACT1FORCE_SIN		0.00	9.73	1.41	1.61	0.74	-0.81	-0.26	-0.69	-0.04	0.12	-0.01	0.07	-0.08	-0.08	-0.07	0.06
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		132.77	-13.78	-11.72	27.09	25.09	14.69	-0.04	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-74.21	-11.83	-14.66	-6.43	7.36	-0.04	-0.02	-0.01	-0.03	-0.01	-0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		673.48	14.00	11.81	-27.09	-25.17	-14.85	0.01	-0.01	0.01	0.02	0.01	0.02	-0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	74.42	11.89	14.90	6.65	-7.27	0.02	0.01	-0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-3498.75	-717.83	30.72	287.81	-27.75	-46.83	11.58	-123.11	14.04	28.31	43.78	-22.54	-10.34	0.67	-4.88	-16.37
MRBLD1CB42P75_SIN		0.00	370.29	-17.58	-5.49	229.86	-5.18	-5.76	165.49	-85.41	10.36	-18.36	54.26	11.81	13.21	36.73	-0.09

RUN	POINT	Harmonics															
48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2806.88	-441.89	312.82	181.00	3.11	-19.10	-20.00	-57.96	14.16	25.23	26.50	-13.95	-3.79	2.77	-8.10	-9.59
MRBLD1CB70_SIN		0.00	255.15	-40.65	50.30	335.14	36.33	66.05	147.22	-46.15	12.53	-40.90	35.19	5.37	5.16	20.97	-4.35
MRBLD1CB120_COS		-455.60	-200.58	465.91	179.22	32.64	17.81	-32.17	-7.04	-21.19	7.52	-1.48	12.69	9.70	4.27	-0.21	-3.10
MRBLD1CB120_SIN		0.00	208.35	-139.15	-19.06	327.72	39.09	117.37	113.96	20.64	-6.49	20.76	-21.69	-0.71	-4.08	-4.40	-8.51
MRBLD1CB164_COS		-1966.04	-76.29	152.15	47.43	-19.54	6.06	-17.90	40.07	-20.35	-1.71	-8.98	17.04	11.38	6.48	6.93	3.38
MRBLD1CB164_SIN		0.00	95.20	-55.79	0.27	141.10	25.46	36.64	-13.26	22.55	-18.77	36.72	-12.80	7.02	-2.33	-12.86	6.51
MRBLD1FB42P75_COS		3099.17	-0.63	-426.72	584.47	20.90	-91.17	0.53	-157.48	-111.06	6.03	114.26	29.47	29.95	31.50	59.21	-51.86
MRBLD1FB42P75_SIN		0.00	-58.48	-17.56	-32.98	388.51	-1.43	-0.75	452.36	-100.79	-79.41	-7.03	38.49	6.05	2.21	32.53	25.32
MRBLD1FB70_COS		429.07	-3.78	-207.50	178.25	-9.83	-19.70	11.74	-14.06	-5.59	3.67	0.87	-0.53	-2.48	-4.79	-10.77	13.20
MRBLD1FB70_SIN		0.00	-198.46	14.10	-23.43	110.06	-13.16	1.78	90.09	-7.98	3.37	2.91	2.45	1.53	-0.56	-10.24	-5.82
MRBLD1FB87_COS		-78.57	19.33	-175.15	65.58	-35.66	-26.31	-7.17	19.44	17.44	1.78	-19.98	-4.17	-3.59	-7.27	-18.08	5.66
MRBLD1FB87_SIN		0.00	-203.46	38.51	27.79	50.52	-0.43	-6.32	-42.43	10.02	9.02	4.29	-9.01	0.41	3.69	-4.73	-6.40
MRBLD1FB120_COS		-533.31	25.01	-265.33	17.01	-17.51	0.69	-18.45	15.49	8.73	-7.53	-2.96	0.02	5.45	10.12	23.87	-10.21
MRBLD1FB120_SIN		0.00	-264.63	92.69	104.25	12.53	12.38	-13.57	-128.38	9.57	-2.58	-6.67	-0.91	-5.71	-7.16	7.31	8.34
MRBLD1FB164_COS		-7.09	18.65	-340.78	57.99	63.83	43.59	39.28	-43.09	-16.52	5.25	-6.42	-2.61	-2.87	-3.61	-13.45	1.00
MRBLD1FB164_SIN		0.00	-227.48	106.11	161.24	-85.39	-16.52	23.44	173.99	-28.15	1.14	10.14	-4.28	-0.52	2.53	-4.42	-7.11

RUN	POINT	Harmonics															
48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-41.99	-11.83	-185.84	42.37	74.06	15.36	5.39	-28.85	9.75	-5.76	-52.51	-1.59	15.16	13.04	21.08	-15.91
MRBLD1FB180_SIN		0.00	-130.16	59.78	74.82	-47.96	-24.28	1.66	154.37	-30.64	-8.96	13.75	-4.89	-4.69	-14.67	5.66	12.98
MRBLD1TOR51_COS		-1171.67	61.39	-44.42	77.33	-8.45	-10.80	2.80	9.16	18.61	4.42	-11.33	-1.12	3.66	3.52	4.53	-1.96
MRBLD1TOR51_SIN		0.00	62.09	7.56	5.90	30.28	4.83	-17.48	99.90	-5.36	-3.79	-6.07	-3.28	1.36	-0.35	2.57	-5.61
MRBLD1TOR71_COS		-45.02	70.83	-52.33	51.38	-1.37	-1.84	5.78	22.01	16.78	1.05	-13.14	-0.65	3.00	4.73	1.66	-2.72
MRBLD1TOR71_SIN		0.00	49.90	2.10	-4.51	5.99	6.95	-12.44	80.36	4.90	-0.68	-5.05	-3.75	-0.29	-1.45	2.19	-2.36
MRBLD1TOR130_COS		188.37	64.16	-29.76	21.54	9.92	0.69	7.16	10.93	9.58	4.60	1.38	-2.48	-0.09	0.17	-6.30	-1.60
MRBLD1TOR130_SIN		0.00	70.77	0.85	-6.21	-7.05	11.55	-4.89	70.11	1.21	2.38	9.03	7.57	3.02	0.53	0.62	4.83
MRBLD1TOR164_COS		-58.96	39.82	33.60	1.08	-5.90	-9.58	1.27	14.64	6.14	1.62	-1.26	1.24	2.58	3.99	-3.22	-5.03
MRBLD1TOR164_SIN		0.00	71.19	-7.24	-24.84	7.48	3.06	-0.86	29.37	3.77	-0.91	2.48	5.40	3.20	0.42	2.17	0.75
MRFBM1CB26P5_COS		-4572.12	-251.15	-30.45	88.00	4.28	-7.41	5.64	-19.94	-3.52	1.73	5.07	-0.66	0.24	-0.05	0.75	-4.08
MRFBM1CB26P5_SIN		0.00	125.89	8.17	-34.81	-14.94	-11.77	-20.13	7.10	-14.48	-2.20	9.18	1.74	1.28	2.24	5.10	-1.65
MRFBM1FB9_COS		456.96	-384.91	173.27	-131.08	22.05	10.45	3.81	22.36	-1.39	-2.31	-3.15	1.33	0.24	0.36	0.85	0.57
MRFBM1FB9_SIN		0.00	-99.88	24.76	-51.00	-52.95	4.11	5.13	-13.22	6.34	0.64	-2.33	-1.94	-1.37	-1.07	-1.66	1.38
MRFBM1TOR26P5_COS		-350.69	78.03	-0.95	0.21	-0.39	0.00	0.01	0.10	0.20	-0.08	-0.13	0.06	0.00	0.01	0.26	0.13
MRFBM1TOR26P5_SIN		0.00	-99.46	0.06	-0.33	-0.09	-0.27	-0.26	0.57	0.06	0.03	-0.24	-0.11	-0.02	0.03	-0.09	-0.06

RUN	POINT	Harmonics															
48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1215.24	-665.55	-47.67	303.96	-22.23	-46.29	13.92	-123.16	-4.00	23.42	41.70	-12.40	-3.28	2.98	-0.68	-20.26
MRPC1CB33P25_SIN		0.00	332.17	6.19	-55.16	152.51	-19.22	-23.57	138.74	-82.49	-4.41	6.14	39.44	12.03	12.18	34.43	-3.84
MRPC1FB33P25_COS		2334.78	-45.62	-358.73	485.69	-73.75	-75.70	1.49	-303.85	-38.10	47.79	88.72	-3.81	16.60	17.71	2.38	-54.89
MRPC1FB33P25_SIN		0.00	86.92	-90.16	79.95	331.70	-25.40	-1.55	287.25	-129.93	-54.96	58.22	47.40	25.92	26.72	74.79	-31.48
MRPC1TOR25P5_COS		-1003.86	-63.22	14.97	-70.92	2.87	2.63	-6.23	-24.76	-21.93	0.62	18.70	-2.74	-5.67	-1.25	-16.79	-10.54
MRPC1TOR25P5_SIN		0.00	-24.53	-73.90	15.17	-18.70	-5.22	19.58	-100.51	-3.14	2.98	10.54	11.54	-3.06	0.64	7.26	4.80
MRPLK1LOAD_COS		-111.69	3.21	3.27	-8.57	-0.05	1.02	-0.62	-2.34	-2.49	0.13	2.51	-0.74	-0.91	-0.09	-3.75	-1.90
MRPLK1LOAD_SIN		0.00	-29.01	-3.56	1.17	-2.77	0.09	2.64	-14.04	-0.03	0.34	2.01	1.60	-0.43	-0.17	0.76	1.16
PITCHRH_COS		15994.61	-9025.02	-669.70	0.30	-115.44	529.38	-43.15	-2.08	46.76	-59.36	82.74	12.29	9.16	10.47	-15.56	-55.75
PITCHRH_SIN		0.00	2677.77	-723.71	97.28	-13.92	1057.53	136.83	120.44	20.23	-71.52	-223.99	32.96	12.10	108.53	56.94	370.42
ROLLRH_COS		3468.75	-2214.85	753.43	-89.35	-108.21	-1940.10	-139.82	-95.80	98.77	148.64	239.54	-91.04	-46.16	17.79	25.72	-731.41
ROLLRH_SIN		0.00	-8871.78	-776.03	29.20	82.09	855.00	-28.25	-56.08	-43.24	-32.21	47.21	16.47	9.37	-45.68	-47.42	275.50
TORQ_COS		30238.54	435.67	-3.61	10.14	-113.46	26.12	0.67	29.30	1.86	-1.54	-4.24	0.82	5.26	-0.11	-5.55	9.66
TORQ_SIN		0.00	647.39	-29.14	18.53	-56.91	-0.23	8.56	20.19	30.94	-5.46	-34.61	5.35	-8.18	4.11	-6.52	-28.40
THRUST_COS		6068.54	-46.93	7.29	14.27	20.14	26.13	2.67	26.28	-2.89	-2.78	-31.34	0.57	3.00	0.94	-0.34	36.06
THRUST_SIN		0.00	-88.07	6.67	4.99	29.09	-0.99	1.17	9.80	-5.49	2.06	0.94	-0.88	-0.74	-1.97	3.86	16.76

RUN	POINT	Harmonics															
48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.75	22.29	-17.19	-0.47	-25.81	67.22	11.62	-1.55	-2.19	-7.46	-10.08	4.47	2.03	-0.75	-1.51	21.24
SIDERH_SIN		0.00	227.53	16.74	2.21	-48.47	-152.76	4.35	1.96	0.30	2.69	-1.32	-0.82	-0.36	1.65	0.95	-7.59
DRAGRH_COS		-78.50	242.13	18.38	-4.90	-4.58	96.15	-17.97	3.26	-2.39	0.53	-0.38	-2.70	-2.20	-1.54	0.59	2.42
DRAGRH_SIN		0.00	-74.21	14.32	-0.60	15.85	128.83	-17.33	4.88	0.31	1.05	8.31	-4.00	-0.56	-4.42	-3.51	-18.24

RUN	POINT	Harmonics															
48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.86	1.15	1.51	-2.73	-2.63	-1.06	-0.30	0.14	0.13	0.01	-0.07	0.14	0.05	0.01	0.05	-0.02
ACT1FORCE_SIN		0.00	8.87	1.42	1.47	0.90	-0.79	-0.21	-0.84	-0.12	0.15	-0.02	0.07	-0.12	-0.01	0.03	0.10
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		33.00	-17.25	-16.55	20.19	22.79	13.50	-0.05	0.03	0.04	0.01	0.00	-0.02	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-65.39	-12.83	-15.06	-6.67	7.10	-0.11	-0.06	-0.01	-0.01	0.02	0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		773.68	17.67	16.73	-20.23	-22.98	-13.80	0.01	-0.02	-0.01	0.01	0.00	0.01	0.00	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	65.78	13.00	15.48	7.01	-6.99	0.03	0.00	-0.01	0.01	-0.01	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-3474.32	-318.08	29.90	280.78	-60.65	-48.60	47.95	-104.31	-1.51	18.21	27.85	12.38	-3.15	6.68	7.96	-20.14
MRBLD1CB42P75_SIN		0.00	622.50	-30.44	-32.45	267.77	5.09	-30.37	195.86	-81.16	0.37	-20.70	46.82	1.15	5.51	36.42	4.32

RUN	POINT	Harmonics															
48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2826.07	-192.20	335.18	171.22	-54.44	-24.18	10.32	-39.07	6.67	13.07	2.22	12.19	-1.04	2.77	0.02	-8.57
MRBLD1CB70_SIN		0.00	435.45	-41.15	32.37	371.03	29.06	68.62	164.90	-45.63	4.86	-44.71	28.81	-0.82	1.51	24.15	-0.01
MRBLD1CB120_COS		-423.84	-111.61	499.47	163.86	-4.73	10.12	-21.08	3.16	-17.79	16.71	11.89	-7.00	4.92	-0.50	-0.22	-2.25
MRBLD1CB120_SIN		0.00	310.21	-141.49	-23.26	379.78	12.98	147.84	132.48	11.83	6.23	28.65	-12.03	3.42	-3.61	-4.09	-7.54
MRBLD1CB164_COS		-1981.92	-55.03	164.91	39.59	-30.08	-1.93	-32.06	38.20	-14.10	9.24	9.63	-1.43	9.61	6.50	-0.45	-0.23
MRBLD1CB164_SIN		0.00	117.42	-59.09	-3.91	168.81	13.67	54.64	-13.92	18.42	-1.31	50.12	-4.69	9.36	-4.70	-17.73	3.28
MRBLD1FB42P75_COS		3128.46	-110.70	-458.14	552.74	160.51	-61.28	23.83	-99.27	-117.58	39.24	156.52	41.14	25.90	27.92	75.76	-50.70
MRBLD1FB42P75_SIN		0.00	-98.07	-31.65	-89.54	543.08	-30.86	-53.88	542.17	-100.69	-89.05	-22.19	39.10	-0.85	-12.05	-1.11	33.45
MRBLD1FB70_COS		434.82	-6.31	-224.87	168.27	24.48	-11.89	18.52	-2.37	-7.79	2.84	0.06	-0.37	-2.56	-4.31	-13.95	13.54
MRBLD1FB70_SIN		0.00	-197.34	6.49	-47.94	159.18	-19.05	-9.30	105.16	-7.59	3.61	4.29	2.36	1.54	1.43	-2.88	-6.21
MRBLD1FB87_COS		-80.45	13.18	-192.81	60.96	-23.21	-24.76	-7.48	15.38	17.42	-4.36	-27.32	-7.24	-2.98	-8.10	-23.23	5.23
MRBLD1FB87_SIN		0.00	-209.30	33.81	13.39	72.31	1.38	-4.50	-50.27	10.53	11.82	8.10	-7.10	2.77	7.05	2.15	-9.38
MRBLD1FB120_COS		-549.89	26.21	-284.75	12.64	-18.64	-3.11	-32.58	-3.49	12.18	-6.37	-1.15	1.42	5.40	10.76	30.71	-11.11
MRBLD1FB120_SIN		0.00	-284.08	90.81	81.49	0.75	16.42	2.16	-147.77	8.42	-3.61	-9.13	-3.42	-7.11	-10.01	-2.54	12.78
MRBLD1FB164_COS		78.81	3.15	-352.67	46.03	10.33	21.91	54.26	-21.15	-22.56	5.35	-9.25	-4.13	-1.60	-3.99	-18.27	0.21
MRBLD1FB164_SIN		0.00	-198.14	105.16	152.17	-152.97	-32.63	13.78	199.25	-27.63	5.53	15.97	-0.93	0.44	5.26	0.59	-9.46

RUN	POINT	Harmonics															
48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		40.19	-21.83	-194.17	42.48	42.82	-8.21	17.64	-2.78	5.19	-13.58	-58.71	-4.70	13.05	7.33	24.91	-17.84
MRBLD1FB180_SIN		0.00	-95.71	57.02	74.08	-82.70	-33.19	-13.89	176.93	-29.07	1.74	29.25	1.06	-1.48	-15.57	-5.15	18.66
MRBLD1TOR51_COS		-1057.49	55.37	-60.54	67.29	-6.23	-6.77	1.40	25.71	18.91	3.15	-13.05	-1.18	2.29	1.59	8.08	-1.91
MRBLD1TOR51_SIN		0.00	136.65	1.99	0.09	41.80	1.44	-36.06	113.14	-5.22	-0.69	-2.95	-2.50	1.93	-2.01	-0.40	-6.81
MRBLD1TOR71_COS		61.96	61.47	-67.19	42.96	-1.22	1.07	2.73	36.41	17.69	-0.74	-15.22	-1.83	1.89	3.10	3.30	-3.24
MRBLD1TOR71_SIN		0.00	117.13	-3.05	-7.53	10.21	4.52	-28.00	88.24	4.85	2.11	-2.72	-3.26	0.77	-2.25	0.77	-3.32
MRBLD1TOR130_COS		298.77	57.45	-43.32	13.67	5.47	1.76	6.56	22.21	9.80	5.60	2.49	-2.09	0.74	0.51	-7.74	-1.87
MRBLD1TOR130_SIN		0.00	140.84	-1.68	-5.24	-11.72	9.09	-16.23	78.48	1.41	5.20	11.53	8.57	2.97	0.15	1.85	5.77
MRBLD1TOR164_COS		19.26	39.14	27.74	-1.09	-6.72	-7.02	2.92	20.73	6.28	0.37	-1.98	0.50	2.31	4.26	-2.92	-5.94
MRBLD1TOR164_SIN		0.00	122.22	-7.42	-21.42	16.77	3.16	-7.17	31.37	3.35	-0.07	3.54	5.30	2.40	-0.45	3.24	2.09
MRFBM1CB26P5_COS		-4567.88	-76.56	-35.68	85.91	9.33	-9.07	6.40	-19.34	-5.52	3.94	9.96	-0.70	0.65	1.26	3.71	-5.10
MRFBM1CB26P5_SIN		0.00	231.46	1.87	-38.39	-17.20	-6.03	-26.91	11.13	-13.54	-1.81	9.19	2.21	1.23	1.66	3.62	-1.82
MRFBM1FB9_COS		487.35	-547.12	196.09	-126.09	15.88	6.40	2.08	23.19	-1.21	-2.83	-3.57	0.43	-0.17	-0.05	-0.11	0.78
MRFBM1FB9_SIN		0.00	-119.89	34.13	-34.11	-77.42	5.35	8.26	-18.81	6.39	0.28	-2.89	-2.63	-0.99	-0.83	-2.12	1.38
MRFBM1TOR26P5_COS		-349.57	76.63	-0.84	0.01	-0.48	0.02	-0.10	0.20	0.15	-0.12	-0.25	0.06	-0.01	0.01	0.25	0.11
MRFBM1TOR26P5_SIN		0.00	-99.60	0.14	-0.41	-0.16	-0.38	-0.54	0.66	0.02	0.03	-0.21	-0.12	-0.04	0.03	-0.07	-0.07

RUN	POINT	Harmonics															
48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1196.61	-295.28	-54.05	297.95	-22.48	-46.82	36.48	-110.39	-15.99	24.88	43.48	7.74	1.75	8.22	14.24	-24.23
MRPC1CB33P25_SIN		0.00	549.24	-5.88	-77.50	189.73	-8.46	-49.89	172.52	-79.01	-9.30	7.27	36.28	5.12	5.04	31.10	-0.68
MRPC1FB33P25_COS		2352.50	-146.34	-377.28	468.38	5.07	-42.68	40.32	-293.60	-42.83	77.09	127.19	6.96	19.83	25.82	41.25	-61.23
MRPC1FB33P25_SIN		0.00	42.57	-104.84	27.92	491.66	-42.01	-33.79	380.30	-132.55	-44.98	71.03	54.82	18.75	14.88	68.65	-26.02
MRPC1TOR25P5_COS		-1121.96	-67.02	41.30	-60.37	1.33	1.24	-0.07	-41.46	-21.53	3.79	21.47	0.40	-3.50	2.35	-17.62	-12.42
MRPC1TOR25P5_SIN		0.00	-106.98	-73.90	18.35	-23.33	-5.18	39.26	-110.92	-2.84	1.56	6.98	9.87	-3.13	1.61	12.16	7.59
MRPLK1LOAD_COS		-126.65	4.68	5.54	-6.94	-0.76	0.61	0.08	-4.82	-2.41	0.64	3.03	-0.50	-0.59	0.35	-4.03	-2.07
MRPLK1LOAD_SIN		0.00	-38.44	-3.09	1.89	-3.76	0.47	5.26	-15.76	-0.10	0.17	1.56	1.47	-0.41	-0.10	1.52	1.42
PITCHRH_COS		19003.41	-9118.99	-726.53	14.15	-92.06	1202.94	-104.72	-86.14	19.26	-89.11	231.95	47.07	18.01	63.94	-24.37	119.00
PITCHRH_SIN		0.00	2592.59	-731.24	97.88	-13.37	1279.99	3.12	81.77	85.28	-42.03	-219.37	72.92	-28.41	110.88	41.67	349.64
ROLLRH_COS		3874.28	-2221.38	798.78	-84.28	-120.36	-2682.58	-105.48	-175.12	74.07	140.18	235.77	-129.08	0.92	38.71	-4.96	-695.82
ROLLRH_SIN		0.00	-8956.27	-855.53	50.85	61.67	1425.01	-86.15	-66.95	-36.49	-117.51	85.08	64.13	2.28	-1.35	-79.09	528.44
TORQ_COS		30742.92	378.88	-15.64	22.08	-60.16	35.19	1.80	21.83	12.34	-3.42	-18.84	2.21	4.70	-4.30	-3.83	10.00
TORQ_SIN		0.00	656.91	-35.81	26.99	-29.19	-57.76	10.83	24.11	24.85	-8.24	-31.19	6.83	-7.73	5.10	-4.36	-32.52
THRUST_COS		6164.20	-51.28	4.83	19.09	17.81	4.82	1.39	31.69	-3.13	-2.53	-47.86	1.58	2.08	-2.38	0.55	38.84
THRUST_SIN		0.00	-93.88	9.63	7.85	23.73	12.31	0.99	19.04	-6.41	1.11	3.87	-2.41	1.10	0.29	3.59	7.52

RUN	POINT	Harmonics															
48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.73	47.64	-18.71	-1.40	-24.42	74.29	9.45	1.51	-2.05	-6.34	-9.00	6.22	0.02	-1.04	-0.59	20.10
SIDERH_SIN		0.00	239.05	17.40	0.87	-36.24	-222.77	3.86	3.35	0.09	6.95	-2.41	-2.61	-0.22	0.60	1.99	-14.58
DRAGRH_COS		-43.51	242.28	20.04	-5.16	0.93	146.11	-18.54	6.74	-4.46	3.16	-13.02	-4.18	-2.54	-2.95	1.70	-6.19
DRAGRH_SIN		0.00	-77.66	14.81	0.51	15.84	213.91	-8.02	-0.68	-0.88	1.16	1.26	-5.44	3.36	-3.96	-3.32	-17.70

RUN	POINT	Harmonics															
48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-0.01	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.99	0.00	0.00	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.26	7.25	-2.53	-2.92	-1.58	-0.69	0.38	0.70	0.27	-0.08	-0.23	-0.12	0.12	0.06	0.03	-0.01
ACT1FORCE_SIN		0.00	12.98	1.46	0.00	0.21	-0.11	-0.16	-0.33	0.05	-0.04	0.17	-0.10	0.05	-0.02	0.02	-0.03
FA1IBCURRENT_COS		-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		404.30	-110.40	13.70	22.19	10.83	2.87	0.00	0.04	-0.02	-0.01	-0.01	0.00	-0.02	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-280.76	-9.72	6.90	-1.48	-1.24	0.05	0.03	0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01
FA1OBCURRENT_COS		0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		401.45	110.73	-13.58	-22.24	-10.92	-2.92	-0.01	-0.04	0.01	0.02	0.01	0.00	0.02	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	281.30	10.04	-6.85	1.49	1.24	-0.06	-0.03	-0.01	0.00	0.00	0.01	0.00	-0.01	-0.02	-0.01
MRBLD1CB42P75_COS		-2092.69	-1328.72	308.46	-23.83	-117.26	-118.83	-96.71	-133.26	-2.12	33.04	51.74	29.74	30.31	16.82	-4.72	4.24
MRBLD1CB42P75_SIN		0.00	609.89	27.93	120.47	84.74	-72.11	19.95	97.98	-31.38	-0.64	73.67	57.10	33.72	19.63	-4.47	1.05

RUN	POINT	Harmonics															
48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3511.74	-820.65	387.38	-155.99	-119.31	-64.74	-118.74	-83.85	6.69	32.48	42.47	26.61	19.36	11.10	-0.95	10.53
MRBLD1CB70_SIN		0.00	498.21	-10.16	140.16	315.56	-62.89	104.48	100.04	-12.10	3.30	13.38	42.02	14.44	10.36	2.41	5.20
MRBLD1CB120_COS		-510.43	-312.96	399.44	-162.82	-101.77	19.32	-87.81	-36.60	-35.17	-5.59	-4.69	0.18	-4.30	-7.01	-2.43	1.31
MRBLD1CB120_SIN		0.00	432.40	-109.32	64.66	360.55	-31.14	121.83	54.70	-8.31	15.48	-17.39	-22.70	-12.02	-1.97	3.06	3.54
MRBLD1CB164_COS		-1989.40	-103.46	142.95	-95.60	-84.68	42.13	8.19	25.05	-35.39	-21.53	-13.63	-1.09	-3.78	-7.57	-5.86	-11.65
MRBLD1CB164_SIN		0.00	165.12	-39.24	13.63	163.46	22.25	45.22	-23.83	1.60	12.85	8.24	-26.06	-5.91	-3.41	1.53	0.17
MRBLD1FB42P75_COS		2795.57	155.77	-269.26	112.24	-181.69	-215.58	-189.11	-253.51	-169.64	-9.82	114.89	36.45	69.09	41.54	-11.06	12.23
MRBLD1FB42P75_SIN		0.00	-68.68	11.02	482.50	57.56	127.13	68.67	326.56	-26.93	-17.65	66.64	-8.94	-4.19	1.35	-0.21	-12.26
MRBLD1FB70_COS		543.50	-8.83	-111.04	3.21	-68.67	-58.97	-35.71	-32.99	-11.47	6.77	5.47	0.38	-4.96	-5.27	2.17	-2.44
MRBLD1FB70_SIN		0.00	-192.02	16.36	149.35	14.24	15.16	13.36	61.00	-0.99	1.99	2.78	3.42	2.48	1.02	0.98	2.93
MRBLD1FB87_COS		40.97	19.28	-98.21	-18.90	-40.05	-24.88	2.50	25.02	24.15	4.81	-23.23	-7.47	-13.98	-7.84	3.82	-1.67
MRBLD1FB87_SIN		0.00	-224.79	27.63	103.56	11.06	2.42	-9.70	-32.01	-0.90	-2.47	-19.28	-1.48	0.38	1.66	2.42	5.12
MRBLD1FB120_COS		-353.29	-1.07	-176.18	-30.85	-2.32	31.39	38.18	46.40	21.91	-12.06	-6.46	1.84	10.27	6.45	-5.49	3.15
MRBLD1FB120_SIN		0.00	-313.01	60.15	172.69	41.54	1.27	-15.05	-84.97	2.70	3.64	3.65	-1.69	-1.11	-2.91	-4.61	-6.97
MRBLD1FB164_COS		23.83	22.11	-275.05	52.73	165.05	85.37	-9.81	-88.18	-42.41	15.37	10.98	0.57	-20.13	-8.36	9.83	4.59
MRBLD1FB164_SIN		0.00	-313.07	50.63	309.12	53.92	-64.86	11.83	117.64	-12.02	-4.41	-14.07	-3.98	-1.14	0.77	2.06	4.49

RUN	POINT	Harmonics															
48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-85.01	-22.87	-162.22	20.87	141.51	42.26	-63.67	-73.18	15.28	22.79	-51.28	-17.26	-9.22	3.71	-7.61	2.90
MRBLD1FB180_SIN		0.00	-189.03	31.62	153.12	45.76	-50.50	-18.12	117.05	0.60	-28.88	-57.70	-1.59	0.55	-6.84	-5.10	-5.13
MRBLD1TOR51_COS		-1391.15	78.11	-23.08	-0.42	-17.89	-18.42	-61.82	-38.17	8.09	10.74	-2.56	-3.44	-0.83	2.83	1.45	3.99
MRBLD1TOR51_SIN		0.00	46.60	27.33	45.42	-8.69	20.91	21.28	73.49	4.06	-2.63	-17.76	-6.33	-1.46	2.48	-3.03	-4.17
MRBLD1TOR71_COS		-250.68	92.86	-37.79	3.05	-4.51	-4.21	-43.51	-18.44	10.81	7.31	-5.25	-4.93	-2.17	1.92	1.52	2.56
MRBLD1TOR71_SIN		0.00	33.50	18.79	16.23	-17.81	20.17	20.24	60.45	10.04	-0.48	-18.51	-5.30	-2.93	1.57	-1.59	-2.96
MRBLD1TOR130_COS		-10.85	81.32	-18.15	7.69	8.13	5.38	-26.81	-21.88	-0.61	3.03	-0.06	-1.16	1.68	0.17	-1.56	-3.23
MRBLD1TOR130_SIN		0.00	47.70	11.22	1.54	-14.40	16.93	20.28	50.49	1.64	1.24	6.33	4.37	2.19	1.45	1.41	1.18
MRBLD1TOR164_COS		-226.41	51.36	20.78	6.99	-12.50	-19.74	-18.17	2.64	7.38	-0.75	-1.75	0.64	1.25	-0.11	-1.71	-1.23
MRBLD1TOR164_SIN		0.00	65.75	-3.19	-40.85	-19.78	4.61	10.22	25.08	3.45	-3.72	-4.04	4.43	0.33	-1.68	0.03	4.04
MRFBM1CB26P5_COS		-2836.35	-590.13	90.42	65.05	-2.77	-16.58	2.98	-16.28	-4.78	-1.12	0.89	-0.54	2.35	1.29	-0.64	-0.39
MRFBM1CB26P5_SIN		0.00	179.45	36.99	-13.50	-64.63	-14.73	-20.82	-1.66	-8.24	-2.02	15.78	-0.95	2.63	1.34	-1.92	-0.84
MRFBM1FB9_COS		522.70	-186.59	30.95	30.82	31.17	26.18	18.52	22.40	3.18	-1.12	-0.60	-0.44	-0.64	-0.16	0.10	-0.36
MRFBM1FB9_SIN		0.00	60.40	11.94	-145.84	-8.31	2.32	5.30	-4.14	6.17	-0.15	-4.47	-1.95	-2.64	-1.65	0.21	-0.57
MRFBM1TOR26P5_COS		-244.87	90.35	0.15	0.16	-0.10	-0.05	-1.04	-0.12	0.20	0.28	-0.03	0.03	-0.05	-0.03	0.03	0.07
MRFBM1TOR26P5_SIN		0.00	-136.49	0.68	-0.08	0.33	-0.11	0.09	0.48	0.13	0.02	-0.34	-0.27	0.03	0.00	-0.02	-0.05

RUN	POINT	Harmonics															
48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-672.57	-1187.43	230.67	53.00	-82.83	-106.07	-65.54	-119.94	-23.44	17.42	38.98	20.95	27.12	13.91	-5.53	3.86
MRPC1CB33P25_SIN		0.00	569.58	25.07	74.01	-27.61	-38.57	-10.12	68.38	-42.91	-7.09	68.79	31.62	25.11	16.23	-4.96	0.95
MRPC1FB33P25_COS		2030.25	106.23	-253.72	25.47	-162.25	-209.27	-177.31	-328.69	-116.27	0.26	46.47	31.82	48.82	25.58	-7.00	17.60
MRPC1FB33P25_SIN		0.00	78.53	-50.48	417.47	25.20	41.14	-11.12	151.35	-100.33	-20.44	116.59	19.90	44.48	33.68	-7.71	4.46
MRPC1TOR25P5_COS		-656.94	-7.31	-21.27	25.75	8.76	15.40	59.66	24.22	-12.02	-13.04	8.10	6.75	5.50	0.17	-2.27	-4.14
MRPC1TOR25P5_SIN		0.00	-142.65	-73.72	-41.19	23.46	-22.83	-15.92	-75.67	-11.91	1.67	30.69	15.65	3.93	-0.37	4.29	7.19
MRPLK1LOAD_COS		-49.20	0.22	0.47	-0.60	1.25	2.46	9.49	4.86	-1.57	-2.15	0.95	0.37	0.69	0.01	-0.45	-0.92
MRPLK1LOAD_SIN		0.00	-27.84	-6.35	-5.78	1.06	-1.91	-2.92	-10.74	-1.18	0.09	4.25	2.62	0.35	-0.06	0.73	1.22
PITCHRH_COS		12137.58	-9135.40	-395.87	71.07	-28.88	-553.45	15.95	-45.86	-23.18	-44.60	113.48	11.29	15.02	-25.54	-9.76	-70.54
PITCHRH_SIN		0.00	1295.89	-670.34	88.04	-41.91	-240.89	-163.70	151.26	11.56	-10.28	-114.54	-37.85	8.76	-1.61	-13.16	-73.98
ROLLRH_COS		1457.57	-1119.19	666.85	-38.42	34.32	-597.05	85.96	11.54	53.52	103.60	266.79	15.15	-12.66	-15.34	-27.38	72.34
ROLLRH_SIN		0.00	-9054.70	-371.44	71.58	-33.99	450.31	-50.36	-70.74	-498.43	-92.39	-51.83	-20.85	-20.56	21.31	-8.78	122.33
TORQ_COS		65919.56	348.13	13.28	34.65	6.19	149.82	5.18	40.22	-4.03	1.38	-8.69	4.84	4.49	-1.70	0.28	1.97
TORQ_SIN		0.00	731.66	-13.35	16.40	-23.54	127.91	15.92	18.26	-0.43	-3.15	-64.87	9.76	-3.73	9.55	-1.98	-4.48
THRUST_COS		5895.39	-79.95	-1.87	13.73	4.91	91.11	0.47	28.46	1.67	0.51	-39.63	1.69	-0.32	2.44	2.97	-21.38
THRUST_SIN		0.00	-100.72	-7.48	-0.71	20.02	-37.08	4.82	0.68	-2.28	1.15	-14.43	5.46	-0.79	2.67	-8.00	-15.58

RUN	POINT	Harmonics															
48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.17	40.87	-15.23	-2.66	1.23	-5.39	-1.42	-0.81	-0.59	-4.50	-14.39	-1.06	0.89	0.41	0.85	-1.63
SIDERH_SIN		0.00	233.97	8.80	1.11	12.15	-119.12	0.77	0.78	12.77	5.30	3.30	0.23	0.53	-0.45	0.31	-3.51
DRAGRH_COS		-142.02	234.00	13.78	-3.43	6.84	119.68	-13.52	-1.15	-0.28	0.40	-1.72	0.37	-1.11	1.46	0.43	4.64
DRAGRH_SIN		0.00	-38.22	5.30	-1.07	7.20	92.18	12.46	-0.64	-5.22	2.82	4.74	3.13	-0.22	-1.00	-0.14	2.57

RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.03	0.01	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	-1.99	0.00	0.00	0.00	0.00	-0.02	-0.03	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.99	8.32	-1.22	-3.32	-1.67	-0.63	0.58	0.79	0.24	-0.25	-0.17	-0.16	0.22	0.09	0.11	0.03
ACT1FORCE_SIN		0.00	9.09	1.35	0.59	0.66	0.02	-0.28	-0.72	0.06	-0.10	0.37	0.05	0.09	-0.01	-0.02	-0.08
FA1IBCURRENT_COS		-0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		405.46	-152.16	7.30	21.16	10.82	1.12	0.02	0.09	-0.03	-0.02	-0.04	-0.04	-0.03	-0.01	-0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-400.98	-6.74	3.66	-4.99	-1.57	0.11	0.08	0.03	-0.01	0.00	-0.02	0.03	0.03	0.05	0.02
FA1OBCURRENT_COS		0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		400.39	152.68	-7.14	-21.24	-11.00	-1.21	0.00	-0.10	0.03	0.02	0.04	0.03	0.03	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	401.85	7.62	-3.60	4.93	1.59	-0.10	-0.08	-0.03	0.01	-0.01	0.01	-0.03	-0.02	-0.05	-0.02
MRBLD1CB42P75_COS		-2044.79	-1080.61	295.45	-13.74	-173.17	-154.49	-97.51	-144.70	9.23	38.46	37.47	47.09	27.09	17.54	-1.67	4.24
MRBLD1CB42P75_SIN		0.00	806.87	32.54	109.94	101.44	-103.34	13.55	118.38	-29.88	-0.67	64.78	96.14	48.42	26.64	-9.43	4.53

RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3536.88	-658.83	395.76	-157.68	-200.43	-130.00	-143.16	-88.55	17.94	34.97	41.76	42.97	18.67	12.78	4.71	11.78
MRBLD1CB70_SIN		0.00	641.03	-10.83	137.24	330.85	-115.36	115.84	119.12	-5.52	4.84	-6.14	70.20	20.24	12.39	-0.84	6.93
MRBLD1CB120_COS		-496.25	-249.03	415.62	-176.13	-179.85	-47.19	-127.14	-43.50	-35.59	-11.48	6.47	-6.08	-0.02	-6.99	-1.52	3.47
MRBLD1CB120_SIN		0.00	518.57	-118.53	56.06	395.00	-94.31	142.96	62.97	-10.31	26.69	-3.76	-37.01	-16.07	-4.70	3.29	3.89
MRBLD1CB164_COS		-1996.02	-87.86	155.10	-106.11	-115.55	15.12	-8.99	27.69	-40.09	-28.30	-11.78	-7.66	-1.62	-9.40	-10.75	-13.40
MRBLD1CB164_SIN		0.00	169.81	-42.39	7.84	180.81	0.83	56.44	-30.37	-1.15	21.43	31.70	-42.44	-7.10	-4.27	3.23	-0.25
MRBLD1FB42P75_COS		2823.83	84.18	-309.33	100.40	-193.56	-231.85	-191.91	-284.16	-170.20	5.71	125.66	56.05	84.40	49.16	-16.66	21.10
MRBLD1FB42P75_SIN		0.00	-99.22	13.84	478.37	187.92	88.44	53.15	379.31	-44.07	-5.11	105.25	9.84	12.40	7.18	-14.67	-13.74
MRBLD1FB70_COS		550.90	-11.17	-128.81	1.15	-78.45	-67.71	-37.01	-38.12	-11.07	7.75	5.19	0.20	-6.31	-6.52	3.16	-4.27
MRBLD1FB70_SIN		0.00	-192.53	15.71	145.63	53.39	1.31	8.74	70.55	-3.65	1.76	2.07	2.60	0.70	-0.12	3.23	2.69
MRBLD1FB87_COS		41.88	14.85	-111.44	-20.35	-44.51	-28.29	2.82	27.99	23.89	3.29	-23.32	-13.33	-17.30	-9.54	5.23	-3.27
MRBLD1FB87_SIN		0.00	-230.74	27.35	103.88	28.59	0.33	-9.53	-34.60	2.24	-4.14	-26.22	-5.37	-2.83	1.33	6.57	6.30
MRBLD1FB120_COS		-356.42	-3.67	-185.49	-32.20	3.42	36.25	40.06	54.39	22.42	-14.55	-8.33	4.58	12.77	7.98	-8.09	5.35
MRBLD1FB120_SIN		0.00	-335.89	61.34	179.91	33.28	12.29	-12.93	-101.35	4.39	1.38	2.73	-0.93	0.84	-3.06	-11.34	-8.85
MRBLD1FB164_COS		56.41	17.80	-313.83	54.01	168.02	95.79	-8.59	-101.77	-46.42	19.49	16.03	-4.17	-24.52	-10.02	13.51	5.51
MRBLD1FB164_SIN		0.00	-250.63	50.39	340.17	10.18	-68.70	9.90	140.62	-14.06	-3.18	-13.55	-5.14	-4.82	-0.05	7.17	7.46

RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-55.56	-24.69	-196.82	29.09	146.49	37.01	-67.21	-76.52	15.89	20.05	-49.70	-27.60	-11.96	3.90	-10.89	4.91
MRBLD1FB180_SIN		0.00	-114.84	27.20	168.91	29.85	-56.71	-29.58	140.34	10.23	-29.69	-75.20	-9.16	-0.28	-7.85	-14.90	-9.06
MRBLD1TOR51_COS		-1350.71	76.81	-71.28	0.46	-22.04	-13.51	-70.76	-45.69	13.15	10.44	-1.24	-4.46	-0.31	3.23	3.82	6.22
MRBLD1TOR51_SIN		0.00	173.24	21.07	34.80	-6.61	25.50	13.83	83.66	8.92	-0.83	-20.45	-8.29	-1.35	3.57	-5.69	-5.28
MRBLD1TOR71_COS		-213.92	88.64	-82.70	4.26	-4.81	2.20	-50.77	-23.71	14.57	6.41	-3.73	-6.34	-1.86	2.17	2.87	4.23
MRBLD1TOR71_SIN		0.00	150.98	12.31	6.57	-20.30	27.29	14.55	68.31	14.72	0.25	-20.89	-8.95	-3.78	2.07	-3.19	-3.95
MRBLD1TOR130_COS		26.83	78.91	-61.63	8.95	10.36	11.37	-31.18	-28.01	2.13	2.98	-1.55	-0.99	1.49	0.12	-2.95	-4.27
MRBLD1TOR130_SIN		0.00	168.92	5.77	-6.53	-22.41	23.71	17.70	56.89	2.91	3.03	8.87	5.46	3.44	1.96	2.55	1.39
MRBLD1TOR164_COS		-199.66	50.74	-5.47	8.88	-15.18	-19.21	-19.32	1.46	7.35	-1.17	-1.02	1.12	0.46	-0.07	-2.68	-2.27
MRBLD1TOR164_SIN		0.00	155.09	-6.89	-49.40	-17.55	4.94	8.98	29.60	5.14	-4.78	-4.44	4.71	0.48	-2.92	0.23	5.51
MRFBM1CB26P5_COS		-2815.32	-474.68	80.67	72.44	1.49	-11.86	8.89	-17.36	-4.99	-0.64	-2.83	-1.27	2.05	0.98	-1.01	-0.17
MRFBM1CB26P5_SIN		0.00	277.60	39.66	-18.75	-66.27	-10.69	-25.42	-0.74	-10.63	-1.77	20.75	-0.33	4.57	2.24	-2.85	-0.42
MRFBM1FB9_COS		576.05	-302.96	59.52	33.84	40.61	27.34	18.71	25.81	2.56	-1.10	0.03	-0.07	-0.15	0.07	-0.30	-0.20
MRFBM1FB9_SIN		0.00	32.14	10.81	-143.73	-22.00	7.71	8.20	-4.92	6.34	-0.62	-4.79	-3.28	-3.25	-1.93	0.29	-0.89
MRFBM1TOR26P5_COS		-244.55	89.81	-0.14	0.06	-0.42	0.11	-1.29	-0.02	0.23	0.30	0.05	0.01	-0.05	-0.02	0.09	0.09
MRFBM1TOR26P5_SIN		0.00	-135.55	0.86	0.00	0.14	-0.20	-0.29	0.50	0.25	0.02	-0.51	-0.27	0.00	-0.02	-0.06	-0.07

RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-628.61	-963.90	217.76	65.91	-109.80	-120.74	-60.08	-131.31	-17.08	20.98	25.81	31.10	25.18	14.12	-3.94	4.72
MRPC1CB33P25_SIN		0.00	731.20	34.54	60.30	-5.99	-54.79	-19.25	83.87	-47.39	-5.75	75.12	56.51	37.45	22.27	-9.70	4.31
MRPC1FB33P25_COS		2048.14	43.50	-282.96	16.32	-205.06	-214.16	-173.79	-373.62	-108.91	4.86	31.57	34.67	46.77	25.96	1.36	23.09
MRPC1FB33P25_SIN		0.00	43.51	-53.49	413.50	131.46	5.26	-22.70	181.06	-112.89	-2.40	151.06	48.52	67.17	43.77	-20.10	12.65
MRPC1TOR25P5_COS		-699.29	-5.23	32.95	25.25	7.71	8.64	70.67	30.03	-16.74	-13.59	4.33	9.73	3.34	-0.55	-5.88	-6.82
MRPC1TOR25P5_SIN		0.00	-276.49	-69.61	-26.20	24.83	-30.05	-7.64	-84.90	-18.05	0.51	35.54	21.36	6.01	-0.98	7.42	9.62
MRPLK1LOAD_COS		-54.73	0.72	7.04	-0.72	1.51	1.47	11.17	5.46	-2.28	-2.27	0.32	0.65	0.45	-0.09	-1.16	-1.38
MRPLK1LOAD_SIN		0.00	-44.79	-5.72	-4.34	0.97	-2.57	-1.39	-12.04	-2.16	-0.21	5.31	3.18	0.57	-0.06	1.39	1.56
PITCHRH_COS		14615.35	-9185.66	-574.10	54.35	-19.49	-346.36	45.76	-76.13	130.62	-21.73	147.67	1.13	52.06	-32.50	-28.46	-64.71
PITCHRH_SIN		0.00	1295.59	-659.75	64.10	-101.31	119.11	9.94	104.06	-52.41	-51.51	-43.67	-1.91	1.60	11.61	-20.29	-186.30
ROLLRH_COS		2039.87	-1058.28	715.49	-100.46	44.75	-1286.30	30.44	47.46	108.93	134.63	277.09	5.83	46.38	-25.62	-48.28	70.20
ROLLRH_SIN		0.00	-9118.49	-565.68	106.07	-106.16	406.25	-150.60	-90.62	-180.10	-79.93	-46.86	-22.93	12.25	13.62	27.47	131.92
TORQ_COS		66630.93	343.25	3.01	39.86	43.94	171.76	2.39	25.19	-7.33	2.41	2.78	6.30	0.82	-1.81	2.24	2.68
TORQ_SIN		0.00	720.39	-14.77	22.73	-57.72	123.87	13.53	13.31	1.69	0.28	-91.66	12.76	-9.24	5.18	-0.50	-6.40
THRUST_COS		6033.74	-71.60	-10.14	18.64	1.92	97.73	5.95	17.64	-1.34	0.41	-38.79	2.13	0.12	-0.80	2.97	-23.67
THRUST_SIN		0.00	-111.97	-2.38	-1.44	21.60	-26.16	7.07	2.06	-2.86	0.49	-26.33	-1.22	0.95	2.76	-10.39	-23.49

RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.50	42.92	-14.59	-3.81	9.23	32.87	7.87	-3.05	-3.22	-6.60	-15.38	-0.47	-1.45	0.54	1.42	-1.53
SIDERH_SIN		0.00	236.40	14.28	0.98	25.01	-162.16	9.74	0.77	4.49	4.39	2.64	0.71	-0.79	-0.43	-0.84	-3.46
DRAGRH_COS		-113.68	235.48	15.10	-2.33	8.70	107.01	0.26	-0.34	-3.07	-2.77	-4.76	0.90	-3.29	0.71	1.09	5.39
DRAGRH_SIN		0.00	-41.99	-0.16	-1.12	2.28	156.25	-2.90	3.36	-0.24	5.12	0.33	0.98	2.95	-1.19	0.17	7.62

RUN	POINT	Harmonics															
48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	1.99	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.03	0.00	0.00	0.00	0.00	-0.01	-0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.72	4.94	-4.86	-4.41	-0.67	-0.56	0.14	0.48	0.16	0.12	-0.05	-0.05	-0.04	0.09	-0.06	0.02
ACT1FORCE_SIN		0.00	21.35	3.70	-0.01	-0.05	0.10	-0.46	-0.80	0.53	0.12	0.24	0.03	0.06	-0.04	0.00	0.04
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.58	317.37	21.00	31.04	7.64	9.31	0.04	0.07	-0.07	-0.02	-0.02	-0.03	-0.01	-0.02	-0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-228.54	-27.70	-4.02	3.09	-4.77	-0.04	-0.04	0.02	0.00	-0.01	-0.07	-0.01	0.01	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		426.23	-317.96	-21.35	-31.18	-7.70	-9.32	-0.11	-0.07	0.05	0.02	0.02	0.03	0.02	0.01	0.01	0.03
FA1OBVOLTAGE_SIN		0.00	229.14	27.31	4.00	-3.28	4.72	-0.03	0.04	-0.01	0.00	0.01	0.07	0.01	-0.01	0.01	-0.01
MRBLD1CB42P75_COS		-2112.55	-1806.61	353.83	-58.73	-77.27	-84.26	-89.88	-129.21	-10.40	26.06	64.96	26.04	25.89	13.27	-9.73	7.77
MRBLD1CB42P75_SIN		0.00	686.85	-24.91	124.86	61.43	-49.58	34.61	75.46	-24.28	0.11	65.60	53.04	29.80	21.04	1.80	1.89

RUN	POINT	Harmonics															
48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3507.25	-1170.05	401.56	-181.22	-70.04	-3.41	-86.04	-80.71	-0.03	26.39	47.39	24.46	15.20	11.35	-6.06	13.72
MRBLD1CB70_SIN		0.00	511.43	-17.82	110.09	271.09	-9.60	89.06	87.38	-9.65	0.87	24.24	37.46	11.66	11.56	4.44	3.33
MRBLD1CB120_COS		-509.20	-519.15	396.02	-174.62	-68.64	81.54	-35.83	-24.97	-21.78	-6.90	-15.98	-1.56	-3.51	-4.57	-2.28	1.54
MRBLD1CB120_SIN		0.00	386.75	-91.77	39.44	285.19	36.78	81.76	57.96	-2.46	8.21	-16.58	-18.03	-9.82	-2.51	1.49	3.24
MRBLD1CB164_COS		-1993.78	-121.80	131.18	-108.00	-67.80	64.61	28.92	28.24	-23.19	-19.03	-19.14	-3.53	-2.37	-7.65	-1.65	-13.91
MRBLD1CB164_SIN		0.00	163.05	-20.97	4.68	129.60	49.55	24.56	-11.58	3.96	8.78	-3.53	-21.88	-3.86	-3.84	1.09	0.39
MRBLD1FB42P75_COS		2750.73	273.30	-202.06	38.95	-206.95	-194.88	-160.46	-231.34	-132.84	-16.48	95.86	36.07	60.58	36.11	-10.86	16.31
MRBLD1FB42P75_SIN		0.00	-108.08	-59.85	509.55	-99.93	132.01	73.77	265.81	-12.38	-17.79	26.16	2.31	-4.19	6.54	13.74	-15.82
MRBLD1FB70_COS		534.44	4.84	-83.75	-25.55	-70.92	-50.26	-29.13	-30.50	-8.61	5.14	5.36	0.39	-4.45	-4.70	2.26	-3.18
MRBLD1FB70_SIN		0.00	-187.42	-7.66	156.16	-34.28	19.82	14.70	49.79	1.17	1.93	2.04	2.39	2.10	-0.14	-2.41	3.45
MRBLD1FB87_COS		39.55	42.03	-83.56	-39.79	-41.80	-23.63	1.11	21.88	18.69	4.44	-20.96	-7.45	-12.53	-6.84	3.61	-2.64
MRBLD1FB87_SIN		0.00	-212.77	18.25	103.57	-9.55	4.07	-9.03	-27.52	-2.43	-1.49	-10.02	-3.67	0.47	0.27	-0.39	6.34
MRBLD1FB120_COS		-348.20	60.97	-161.98	-57.48	-3.16	24.30	33.33	43.20	15.76	-8.40	-4.49	0.79	8.97	5.66	-6.39	3.44
MRBLD1FB120_SIN		0.00	-279.01	58.18	161.07	46.84	-5.28	-16.92	-70.50	-1.58	0.49	0.93	-0.55	-2.81	-2.05	0.39	-8.97
MRBLD1FB164_COS		13.09	-112.76	-203.38	50.04	150.68	88.03	-4.71	-79.15	-33.47	13.95	8.25	0.40	-15.52	-6.33	8.05	3.02
MRBLD1FB164_SIN		0.00	-351.80	-45.05	283.37	100.08	-63.33	14.90	96.54	-3.50	1.23	-8.61	-6.87	1.87	1.45	-0.11	5.09

RUN	POINT	Harmonics															
48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-94.15	-180.30	-119.77	26.86	136.87	45.67	-52.77	-61.69	13.18	19.70	-42.68	-16.11	-10.21	1.86	-8.02	3.35
MRBLD1FB180_SIN		0.00	-236.76	-43.47	133.18	69.41	-45.90	-10.26	100.45	3.56	-23.51	-32.15	-5.20	-2.57	-5.94	1.41	-8.12
MRBLD1TOR51_COS		-1432.05	-134.60	52.92	10.16	-22.41	-23.18	-51.01	-41.12	10.80	8.94	-3.07	-2.76	-0.84	2.73	0.60	3.98
MRBLD1TOR51_SIN		0.00	-88.25	-54.53	64.71	-7.56	19.29	25.27	60.97	4.28	-4.87	-11.68	-5.60	-2.50	1.03	-2.21	-2.50
MRBLD1TOR71_COS		-286.72	-102.08	31.43	15.85	-10.33	-10.57	-35.38	-22.99	13.24	5.86	-6.76	-3.81	-1.98	2.11	0.62	2.54
MRBLD1TOR71_SIN		0.00	-94.31	-55.12	34.15	-9.92	16.73	23.47	50.84	9.65	-2.82	-11.28	-4.17	-3.31	0.63	-0.98	-2.22
MRBLD1TOR130_COS		-47.32	-124.05	46.36	24.00	2.55	0.94	-21.54	-23.42	3.33	1.43	0.29	-0.59	1.61	0.53	-1.63	-2.82
MRBLD1TOR130_SIN		0.00	-83.18	-61.54	15.57	0.75	13.31	21.86	41.89	3.78	-2.26	6.76	5.59	1.88	1.80	1.63	0.04
MRBLD1TOR164_COS		-251.65	-98.20	52.62	21.76	-13.11	-20.28	-14.84	-0.09	8.61	-0.97	-2.97	1.07	1.50	-0.23	-2.64	-0.57
MRBLD1TOR164_SIN		0.00	-31.58	-43.74	-30.27	-17.05	4.36	12.77	21.17	2.50	-4.52	-1.22	3.99	-0.28	-0.39	0.45	1.79
MRFBM1CB26P5_COS		-2843.73	-864.90	116.24	61.79	-2.59	-20.80	-2.79	-17.08	-4.05	-1.44	2.59	-0.89	2.32	0.37	-1.04	-0.34
MRFBM1CB26P5_SIN		0.00	190.82	13.40	2.99	-54.92	-23.08	-13.82	-4.43	-6.59	-1.11	9.70	0.05	2.47	1.20	-0.92	-0.24
MRFBM1FB9_COS		455.01	8.04	-23.15	50.00	26.24	25.18	15.60	19.16	3.04	-0.82	-1.40	-0.14	-0.51	0.09	0.59	-0.44
MRFBM1FB9_SIN		0.00	-27.74	61.13	-143.58	11.62	-0.50	2.62	-2.13	4.87	0.29	-3.74	-1.71	-2.27	-1.47	0.14	-0.79
MRFBM1TOR26P5_COS		-245.04	86.10	0.98	0.19	0.07	-0.20	-0.98	-0.14	0.06	0.34	0.01	-0.02	-0.06	-0.04	0.06	0.04
MRFBM1TOR26P5_SIN		0.00	-141.04	-0.19	0.04	0.16	0.22	0.25	0.56	0.01	0.17	-0.33	-0.30	0.02	-0.03	-0.04	0.00

RUN	POINT	Harmonics															
48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-689.94	-1555.33	264.41	22.81	-61.13	-88.82	-63.50	-112.26	-23.45	12.91	47.66	17.89	23.91	10.48	-9.78	7.29
MRPC1CB33P25_SIN		0.00	672.72	-43.45	97.68	-44.93	-32.74	7.12	50.01	-32.15	-6.65	51.54	31.38	21.95	16.83	0.07	2.04
MRPC1FB33P25_COS		1987.58	220.39	-194.27	-43.85	-145.09	-191.64	-157.15	-286.61	-95.81	-4.60	55.92	23.92	43.34	18.83	-19.07	22.55
MRPC1FB33P25_SIN		0.00	54.90	-93.02	425.39	-112.29	53.21	2.19	113.46	-72.20	-24.75	75.08	25.91	38.08	32.63	1.28	5.73
MRPC1TOR25P5_COS		-619.11	215.29	-103.02	5.74	20.93	22.57	49.72	28.38	-13.93	-11.43	8.83	6.40	5.91	0.42	-3.59	-3.17
MRPC1TOR25P5_SIN		0.00	-4.01	21.24	-68.20	16.06	-19.35	-18.40	-63.54	-10.02	1.87	23.04	15.54	4.91	2.70	4.43	2.84
MRPLK1LOAD_COS		-43.64	27.55	-9.55	-2.19	2.22	3.49	8.05	5.30	-1.49	-2.05	0.74	0.60	0.82	0.12	-0.69	-0.68
MRPLK1LOAD_SIN		0.00	-9.87	5.13	-8.63	0.84	-1.91	-3.28	-9.28	-0.76	-0.27	3.48	2.72	0.57	0.35	0.82	0.37
PITCHRH_COS		8213.42	-9182.43	-179.28	64.03	-52.15	-930.63	0.36	44.08	-157.74	-56.32	35.94	55.86	66.47	-34.81	-13.22	-28.85
PITCHRH_SIN		0.00	1353.48	-821.15	72.80	-5.46	-610.41	-91.61	162.65	115.40	-60.19	85.13	-118.40	32.07	6.09	-5.96	-47.41
ROLLRH_COS		4026.92	-1184.66	836.68	-61.77	-1.49	248.15	159.55	-15.55	-88.57	57.62	249.78	86.94	20.28	-12.08	-47.45	11.87
ROLLRH_SIN		0.00	-9127.23	-165.29	31.70	16.98	432.91	-11.32	-29.55	-545.98	-79.27	-54.70	4.08	22.08	30.97	-19.62	0.25
TORQ_COS		65481.48	309.54	7.13	35.62	-18.89	131.43	9.76	55.79	-0.90	0.14	-11.53	2.33	2.23	0.02	-1.82	2.24
TORQ_SIN		0.00	724.57	-29.29	-0.58	-46.35	155.72	4.69	19.40	-3.11	-7.82	-42.38	6.39	-5.82	9.43	-3.34	-5.49
THRUST_COS		5701.64	-82.47	8.32	14.21	2.90	98.43	-6.25	32.24	4.27	1.88	-42.80	4.45	-3.72	2.55	2.19	-17.94
THRUST_SIN		0.00	-73.88	-13.00	1.42	19.68	-36.30	0.55	-5.33	-2.26	4.95	-18.55	6.26	1.07	0.79	-5.98	-13.75

RUN	POINT	Harmonics															
48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.41	46.33	-23.26	-1.74	-14.69	-35.06	-9.10	-0.77	3.53	-2.48	-13.28	-3.33	-0.45	0.31	1.50	0.47
SIDERH_SIN		0.00	236.26	8.28	-2.01	-22.68	-63.49	1.29	0.67	13.50	4.50	4.04	-0.98	-0.50	-0.75	0.47	0.16
DRAGRH_COS		-178.19	235.12	17.30	-2.13	-3.75	103.13	-0.79	-0.92	-1.76	1.90	2.30	-1.42	-3.02	1.85	0.77	1.41
DRAGRH_SIN		0.00	-38.07	8.81	-0.42	7.30	21.84	13.40	-0.58	-7.81	0.85	1.51	6.08	0.32	-1.92	-0.14	1.71

RUN	POINT	Harmonics															
48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	2.98	-0.01	0.00	0.00	0.00	-0.02	0.01	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.04	0.00	0.00	0.00	0.00	-0.02	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.78	6.74	-4.84	-5.05	-0.26	-0.52	-0.15	0.58	0.34	0.05	0.00	-0.03	-0.02	0.06	-0.09	-0.05
ACT1FORCE_SIN		0.00	21.75	4.52	0.48	-0.25	0.66	-0.47	-1.03	0.52	0.12	0.20	-0.05	0.13	-0.01	-0.01	0.00
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.07	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.88	417.74	15.44	33.95	4.13	8.78	-0.04	0.07	-0.10	-0.01	-0.02	-0.01	-0.03	-0.02	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-271.29	-29.85	-4.29	4.84	-9.43	-0.11	0.02	0.03	0.00	-0.01	-0.06	-0.01	-0.01	-0.02	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.28	-418.63	-15.66	-34.19	-4.23	-8.74	-0.16	-0.07	0.03	0.02	0.00	0.01	0.03	0.02	-0.01	0.02
FA1OBVOLTAGE_SIN		0.00	272.36	28.60	4.42	-5.41	9.47	-0.08	0.01	-0.04	0.01	0.01	0.06	0.02	0.01	0.03	0.02
MRBLD1CB42P75_COS		-2088.82	-1782.02	370.47	-50.40	-84.59	-92.29	-81.31	-154.95	-0.62	10.51	23.60	33.06	27.05	12.78	-9.56	10.76
MRBLD1CB42P75_SIN		0.00	863.99	-63.28	137.21	101.41	-67.28	31.21	75.25	-24.46	-12.17	54.46	18.55	22.88	14.19	-7.80	-2.96

RUN	POINT	Harmonics															
48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3525.60	-1172.07	411.26	-181.29	-78.48	-29.27	-63.82	-100.19	1.63	10.90	11.61	25.40	15.77	6.79	-6.62	14.77
MRBLD1CB70_SIN		0.00	604.63	-24.74	122.27	321.99	-44.51	82.68	84.41	-8.95	-10.61	24.75	11.24	6.00	7.02	-2.97	-0.19
MRBLD1CB120_COS		-495.17	-545.62	394.91	-175.33	-58.23	47.91	-9.34	-32.61	-27.41	2.20	5.51	-5.16	-4.66	-5.70	-2.14	1.82
MRBLD1CB120_SIN		0.00	394.32	-82.66	54.53	323.97	4.33	83.22	56.39	3.21	16.15	-14.13	-1.13	-7.17	-0.47	2.27	3.82
MRBLD1CB164_COS		-1995.38	-109.96	122.09	-110.78	-55.67	47.13	37.18	34.93	-28.11	-6.40	8.28	-6.46	-4.30	-5.72	-2.33	-15.24
MRBLD1CB164_SIN		0.00	154.51	-9.72	11.09	143.88	37.60	25.82	-11.69	7.51	18.15	-5.25	-2.66	-0.26	-0.46	6.64	1.86
MRBLD1FB42P75_COS		2741.05	260.29	-184.49	65.53	-118.57	-179.34	-153.31	-276.54	-109.79	-3.18	76.45	39.00	57.47	29.59	-25.70	11.29
MRBLD1FB42P75_SIN		0.00	-149.37	-117.59	541.30	-117.02	122.61	78.74	286.57	-8.15	-21.24	6.62	-17.76	-10.95	-2.04	0.12	-28.60
MRBLD1FB70_COS		533.95	4.46	-80.59	-18.12	-46.07	-48.73	-27.97	-39.51	-5.90	4.89	3.97	0.05	-3.79	-3.55	5.22	-2.33
MRBLD1FB70_SIN		0.00	-180.81	-28.90	168.59	-34.42	18.17	17.49	55.30	2.35	2.95	3.91	3.33	3.16	1.50	0.58	6.53
MRBLD1FB87_COS		41.62	46.26	-82.57	-37.10	-30.84	-22.49	1.50	26.32	16.08	3.12	-15.17	-7.03	-11.28	-5.14	7.13	-1.28
MRBLD1FB87_SIN		0.00	-203.71	7.96	110.52	-9.70	4.62	-6.77	-27.95	-2.28	-0.19	-6.25	2.68	2.54	2.10	2.05	8.10
MRBLD1FB120_COS		-348.33	82.67	-155.46	-62.14	-8.16	20.67	29.36	54.64	11.23	-9.05	-4.82	0.35	7.95	4.05	-10.75	2.53
MRBLD1FB120_SIN		0.00	-263.83	52.79	170.11	46.22	-2.73	-18.48	-78.84	-2.39	-0.47	-0.15	-3.58	-4.10	-3.39	-2.69	-11.54
MRBLD1FB164_COS		20.00	-191.06	-175.59	55.81	110.34	89.88	1.16	-94.54	-27.42	15.11	8.56	-1.18	-14.68	-5.55	10.36	3.34
MRBLD1FB164_SIN		0.00	-325.09	-105.64	301.89	105.90	-57.08	19.00	104.93	-2.37	1.16	-7.78	-2.79	3.44	2.48	1.26	5.88

RUN	POINT	Harmonics															
48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-87.39	-258.74	-108.48	35.42	115.74	40.45	-44.72	-69.02	13.23	13.95	-31.75	-15.75	-12.16	-0.24	-12.56	1.43
MRBLD1FB180_SIN		0.00	-214.00	-88.33	138.58	74.14	-41.44	-7.34	107.78	2.41	-21.94	-24.17	7.96	0.04	-4.36	-0.31	-11.83
MRBLD1TOR51_COS		-1432.06	-244.97	68.66	21.91	-12.02	-11.94	-33.49	-43.23	13.33	5.93	-5.18	-4.52	-0.45	2.88	0.22	4.19
MRBLD1TOR51_SIN		0.00	-94.00	-104.75	74.01	-9.73	9.10	20.45	59.30	2.26	-5.01	-11.21	-4.49	-1.84	0.62	-4.17	-4.82
MRBLD1TOR71_COS		-285.80	-207.01	45.20	26.39	-2.88	0.30	-19.23	-22.33	14.85	3.45	-7.77	-6.40	-2.26	1.84	0.04	2.67
MRBLD1TOR71_SIN		0.00	-101.00	-100.83	41.43	-12.98	8.89	19.66	49.60	6.95	-3.04	-11.73	-2.71	-1.93	1.07	-1.96	-3.15
MRBLD1TOR130_COS		-46.96	-232.81	58.13	33.05	4.55	9.93	-8.20	-24.20	5.06	0.73	-1.76	-1.19	0.55	-0.10	-1.84	-2.63
MRBLD1TOR130_SIN		0.00	-89.18	-104.64	19.70	-0.88	8.01	20.16	41.46	2.44	-2.22	1.77	4.19	3.20	2.53	2.18	1.69
MRBLD1TOR164_COS		-251.63	-174.08	55.66	29.27	-6.93	-13.90	-6.48	0.29	8.31	-1.42	-2.96	0.16	0.29	-1.25	-2.53	-0.11
MRBLD1TOR164_SIN		0.00	-38.35	-66.69	-30.83	-16.01	-0.01	12.66	21.06	0.60	-4.63	-2.83	3.82	0.26	0.13	0.36	2.92
MRFBM1CB26P5_COS		-2836.36	-880.01	125.54	67.81	-8.92	-16.75	-4.54	-19.01	-1.22	-0.47	3.58	0.83	2.59	1.45	-0.90	0.40
MRFBM1CB26P5_SIN		0.00	279.48	-5.66	4.45	-56.09	-19.84	-14.02	-4.27	-7.39	-1.16	5.85	-0.42	2.33	0.60	-2.04	-0.76
MRFBM1FB9_COS		444.26	2.88	-39.37	46.63	15.55	24.18	15.77	21.90	2.84	-0.72	-0.83	-1.14	-0.70	-0.25	0.05	-0.99
MRFBM1FB9_SIN		0.00	-93.22	97.91	-154.28	7.95	0.51	1.53	-1.75	3.78	0.38	-2.72	-1.16	-2.00	-1.09	0.71	-0.45
MRFBM1TOR26P5_COS		-245.41	83.94	1.36	0.37	0.13	-0.43	-1.20	-0.23	0.05	0.27	0.08	0.03	0.02	-0.01	0.07	0.02
MRFBM1TOR26P5_SIN		0.00	-140.97	-0.51	0.16	-0.34	-0.36	-0.26	0.47	0.05	0.20	-0.04	-0.23	-0.04	-0.06	-0.05	-0.05

RUN	POINT	Harmonics															
48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-671.59	-1507.53	275.79	31.67	-58.66	-89.98	-61.97	-131.64	-14.54	5.93	26.30	23.61	24.31	10.44	-10.01	9.98
MRPC1CB33P25_SIN		0.00	832.30	-85.59	105.38	-23.93	-37.40	8.34	51.22	-32.54	-11.87	39.60	9.95	16.49	11.04	-8.26	-2.08
MRPC1FB33P25_COS		1978.28	217.70	-171.09	-27.60	-68.76	-177.39	-152.38	-330.14	-80.28	6.83	52.25	39.69	46.62	20.74	-16.74	31.68
MRPC1FB33P25_SIN		0.00	15.84	-135.25	456.07	-104.52	50.59	8.90	112.22	-58.94	-20.12	49.41	11.55	30.60	22.29	-20.23	-6.10
MRPC1TOR25P5_COS		-621.95	333.47	-114.84	-6.56	11.56	10.18	33.00	29.43	-15.52	-7.24	7.89	8.83	4.86	-1.06	-3.29	-1.68
MRPC1TOR25P5_SIN		0.00	0.85	74.43	-76.06	21.28	-8.61	-11.86	-61.20	-7.94	2.31	16.32	9.87	5.54	3.63	4.99	6.79
MRPLK1LOAD_COS		-43.81	42.52	-11.35	-3.87	0.80	2.21	6.03	5.71	-1.73	-1.43	0.49	0.57	0.29	-0.23	-0.72	-0.38
MRPLK1LOAD_SIN		0.00	-8.65	12.04	-9.83	1.70	-0.01	-1.79	-8.89	-0.54	-0.36	1.81	1.88	0.89	0.63	0.96	1.18
PITCHRH_COS		8362.75	-9201.30	-177.38	61.87	-41.32	-852.80	-119.20	44.90	-218.08	5.14	21.87	25.24	48.62	-41.56	16.89	-107.51
PITCHRH_SIN		0.00	1327.74	-929.97	124.94	-46.76	-977.77	-126.31	128.93	-74.95	47.04	67.45	49.32	11.60	-14.06	8.62	-69.00
ROLLRH_COS		5691.07	-1153.42	922.26	-21.41	47.02	452.75	90.41	-68.78	146.57	57.40	210.60	-14.37	14.11	-3.81	-32.81	3.21
ROLLRH_SIN		0.00	-9114.12	-96.45	20.07	26.87	807.74	-51.64	-20.91	-647.79	-48.09	-65.14	37.20	20.97	17.64	-11.02	-11.29
TORQ_COS		65594.96	338.96	6.55	27.14	15.84	126.45	6.75	64.62	-13.21	0.56	-15.02	0.52	2.65	-4.49	-0.17	2.75
TORQ_SIN		0.00	735.98	-39.24	-11.54	-76.82	163.99	8.34	16.91	5.45	-2.37	-26.89	7.54	-5.31	10.06	-4.15	-6.02
THRUST_COS		5668.91	-84.52	6.94	7.45	-1.01	94.12	-0.95	39.70	2.84	-2.36	-38.95	-4.05	-6.30	2.70	1.15	-20.36
THRUST_SIN		0.00	-75.56	-13.48	3.57	23.78	-17.42	5.01	-9.50	0.02	-6.58	-9.72	-1.90	-0.29	2.82	-6.61	-4.07

RUN	POINT	Harmonics															
48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.42	45.10	-25.04	0.76	-1.03	-65.11	-5.82	0.60	-1.71	-2.42	-10.82	-0.31	-0.76	-0.07	1.29	0.52
SIDERH_SIN		0.00	234.10	6.06	-0.77	-16.24	-71.81	4.58	0.97	17.15	2.86	4.44	-1.89	-0.23	-0.35	0.44	0.59
DRAGRH_COS		-175.89	235.10	22.92	-2.60	2.10	135.93	2.78	0.48	2.26	-2.05	0.07	-1.79	-0.88	2.35	-1.26	5.92
DRAGRH_SIN		0.00	-39.32	7.82	0.58	2.77	31.06	10.67	-1.23	-5.96	-2.17	0.47	-0.18	1.92	-0.68	-0.69	2.48

RUN	POINT	Harmonics															
48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.99	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.57	-1.63	-3.88	-1.70	-0.77	0.01	0.31	0.58	-0.03	-0.08	0.03	-0.03	0.04	0.11	0.01	0.09
ACT1FORCE_SIN		0.00	9.53	-0.07	-0.76	0.01	-0.15	-0.47	-0.17	0.10	0.20	-0.13	0.07	0.07	-0.07	-0.11	-0.06
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.23	-210.19	29.58	12.40	4.01	1.75	0.06	0.03	0.00	-0.03	0.04	-0.01	-0.02	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-22.49	-5.69	8.08	3.36	3.53	0.01	0.07	0.01	-0.04	-0.02	0.00	0.00	0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.52	210.62	-29.59	-12.46	-4.06	-1.77	-0.07	-0.03	0.01	0.03	-0.03	0.01	0.02	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	22.40	5.63	-8.02	-3.34	-3.54	0.00	-0.07	-0.01	0.04	0.01	0.00	0.00	-0.01	0.00	-0.02
MRBLD1CB42P75_COS		-2134.93	-1622.60	315.26	-7.99	-78.28	-140.22	-100.07	-69.50	-5.66	29.78	66.67	48.32	32.70	21.40	-7.17	1.82
MRBLD1CB42P75_SIN		0.00	369.25	51.01	126.05	101.58	-54.24	31.20	67.87	1.40	1.87	-1.00	74.63	27.62	18.78	9.19	-0.46

RUN	POINT	Harmonics															
48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3496.73	-990.47	378.39	-117.89	-37.39	-134.79	-92.18	-37.30	11.25	35.48	29.50	42.89	19.77	17.72	0.57	9.39
MRBLD1CB70_SIN		0.00	332.12	-2.90	150.84	327.70	-47.78	109.51	78.23	6.42	3.95	-33.18	50.44	9.12	7.99	9.50	1.85
MRBLD1CB120_COS		-518.03	-345.13	381.18	-122.18	-24.51	-62.33	-41.46	-6.95	-21.67	2.31	-7.26	-11.39	-6.30	-5.57	-1.65	3.43
MRBLD1CB120_SIN		0.00	338.74	-101.23	81.94	347.84	-20.97	118.92	44.06	-2.00	10.22	19.57	-31.05	-8.86	-1.60	0.89	1.77
MRBLD1CB164_COS		-1986.97	-127.93	133.18	-76.13	-57.89	8.24	30.79	14.71	-27.16	-13.73	-1.48	-15.63	-5.71	-12.13	-5.04	-10.98
MRBLD1CB164_SIN		0.00	150.41	-45.49	23.33	153.40	17.42	40.94	-15.59	-2.16	9.04	44.00	-32.71	-2.46	-0.21	-0.44	2.84
MRBLD1FB42P75_COS		2763.10	248.88	-231.08	176.43	-231.14	-185.11	-189.93	-139.98	-140.61	-15.93	147.31	50.94	65.78	44.49	0.97	3.74
MRBLD1FB42P75_SIN		0.00	-33.84	56.10	481.55	-25.69	150.99	80.40	189.79	27.68	-24.96	-16.52	7.99	-13.14	-8.35	16.04	-16.28
MRBLD1FB70_COS		531.86	-8.95	-96.56	27.22	-77.67	-54.21	-35.30	-12.72	-6.88	5.80	3.71	0.46	-4.90	-6.01	-0.24	-0.87
MRBLD1FB70_SIN		0.00	-197.36	31.86	148.39	-9.90	24.50	16.93	35.19	6.22	1.50	0.04	2.46	3.29	2.31	-2.61	3.89
MRBLD1FB87_COS		34.34	12.71	-92.08	-4.53	-43.94	-23.84	1.91	13.68	20.66	5.25	-28.94	-11.47	-12.87	-7.93	1.94	0.53
MRBLD1FB87_SIN		0.00	-222.57	34.61	102.59	1.88	7.18	-6.82	-19.75	-7.86	0.49	1.62	-4.93	3.26	4.15	-0.92	6.10
MRBLD1FB120_COS		-350.68	-28.70	-170.53	-7.38	0.80	29.45	39.49	18.46	13.18	-9.89	-2.85	2.14	8.58	6.63	-3.49	-0.34
MRBLD1FB120_SIN		0.00	-289.79	55.41	162.81	45.78	-7.31	-20.46	-48.64	-10.04	-0.79	-1.08	-0.69	-6.19	-6.76	-0.01	-9.58
MRBLD1FB164_COS		-17.90	105.09	-253.24	75.34	191.99	79.97	-15.99	-42.79	-32.48	13.49	4.27	-3.20	-16.79	-6.34	7.36	4.76
MRBLD1FB164_SIN		0.00	-371.76	105.77	270.26	74.18	-70.85	10.40	69.69	8.70	0.86	-3.84	-6.80	4.21	6.16	-0.76	3.06

RUN	POINT	Harmonics															
48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-122.35	61.52	-134.68	21.58	154.07	48.73	-66.27	-38.49	19.90	21.61	-62.77	-25.69	-9.70	1.51	-5.88	-0.94
MRBLD1FB180_SIN		0.00	-264.88	84.20	136.62	44.32	-52.29	1.31	76.88	2.74	-24.30	-7.15	-4.78	-1.36	-10.40	-0.54	-8.61
MRBLD1TOR51_COS		-1430.97	192.42	11.09	-1.63	-25.67	-25.27	-50.59	-17.04	10.58	11.76	-8.95	-5.12	-1.01	4.01	1.09	3.39
MRBLD1TOR51_SIN		0.00	-65.51	81.33	55.80	-12.92	13.02	31.94	49.14	4.60	-1.62	-11.09	-5.60	-1.51	-0.01	-3.37	-5.59
MRBLD1TOR71_COS		-286.70	204.16	-6.04	-1.15	-12.74	-10.05	-33.35	-6.35	13.32	8.50	-12.78	-6.65	-2.62	2.21	1.32	2.15
MRBLD1TOR71_SIN		0.00	-70.09	68.41	25.01	-19.07	11.53	28.86	41.46	7.69	1.19	-9.23	-5.69	-2.28	-0.70	-2.37	-3.97
MRBLD1TOR130_COS		-47.42	194.86	13.80	2.39	1.42	0.38	-18.79	-8.71	1.43	4.14	3.86	-1.08	1.70	-0.16	-1.42	-3.23
MRBLD1TOR130_SIN		0.00	-60.08	57.00	8.62	-10.65	8.83	24.28	34.35	3.80	1.68	6.69	6.27	2.50	1.22	2.11	2.11
MRBLD1TOR164_COS		-248.96	132.49	40.49	-1.82	-17.33	-23.18	-14.68	4.62	8.47	0.08	-3.44	0.81	1.69	-0.61	-2.34	-0.82
MRBLD1TOR164_SIN		0.00	-13.08	23.39	-34.31	-21.16	4.91	13.17	18.21	1.25	-2.21	-0.03	3.26	-0.44	-1.15	2.10	3.30
MRFBM1CB26P5_COS		-2855.38	-743.63	100.10	55.45	-11.52	-4.65	-4.45	-11.10	-6.75	-2.41	10.11	-1.10	2.96	0.89	-1.60	-0.29
MRFBM1CB26P5_SIN		0.00	50.55	52.81	-15.17	-54.92	-14.07	-19.38	-4.33	-3.33	-2.46	11.02	0.92	2.54	1.41	-0.67	-1.10
MRFBM1FB9_COS		468.87	-28.88	10.19	12.46	31.15	28.12	18.23	12.85	4.04	-1.10	-3.41	-0.40	-1.07	-0.48	0.53	-0.36
MRFBM1FB9_SIN		0.00	86.92	-20.61	-152.22	2.58	-0.80	2.84	-2.71	3.60	0.23	-3.09	-2.82	-2.37	-1.69	-0.33	-0.37
MRFBM1TOR26P5_COS		-244.96	89.96	0.34	0.20	-0.20	-0.19	-0.98	0.03	0.21	0.24	-0.19	0.01	-0.06	0.00	0.04	0.05
MRFBM1TOR26P5_SIN		0.00	-139.53	1.39	-0.05	0.40	-0.24	0.38	0.25	0.14	-0.05	-0.32	-0.29	0.02	0.01	-0.06	-0.05

RUN	POINT	Harmonics															
48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-701.23	-1443.96	239.08	53.96	-77.38	-98.94	-74.79	-65.24	-26.29	13.81	61.12	31.73	29.03	17.45	-8.11	2.35
MRPC1CB33P25_SIN		0.00	373.54	43.80	78.57	-18.16	-24.43	-1.99	40.27	-11.63	-7.05	17.28	45.26	20.50	14.85	6.48	-1.60
MRPC1FB33P25_COS		2001.51	181.73	-232.81	79.54	-180.24	-192.81	-181.74	-184.37	-117.98	-0.32	117.26	31.55	53.18	35.86	-13.02	17.13
MRPC1FB33P25_SIN		0.00	120.25	-8.99	425.73	-53.43	69.95	-2.38	90.78	-44.10	-27.79	71.71	41.53	35.97	29.30	12.82	-4.49
MRPC1TOR25P5_COS		-614.59	-132.83	-64.60	28.64	22.89	21.19	48.83	6.86	-15.27	-13.85	19.72	10.65	5.88	-0.78	-2.57	-3.66
MRPC1TOR25P5_SIN		0.00	-24.04	-125.66	-57.53	26.59	-12.34	-28.16	-49.16	-10.04	1.95	18.51	16.03	4.35	1.81	7.52	7.71
MRPLK1LOAD_COS		-44.18	-16.65	-4.30	-0.08	2.78	3.37	7.90	2.05	-1.98	-2.14	2.60	0.83	0.76	-0.26	-0.41	-0.75
MRPLK1LOAD_SIN		0.00	-13.40	-13.51	-6.99	1.49	-0.61	-4.62	-6.94	-1.14	0.35	2.96	2.69	0.51	0.12	1.15	1.31
PITCHRH_COS		9117.87	-9161.25	-282.01	58.98	-78.08	-967.57	77.51	-81.51	-17.59	-39.30	25.78	24.60	44.78	-30.82	-11.37	-116.24
PITCHRH_SIN		0.00	1305.36	-401.45	46.67	-104.64	-292.73	-9.44	135.18	75.60	-48.66	-111.20	-22.26	9.02	34.39	-24.79	-23.83
ROLLRH_COS		188.45	-1102.21	336.86	-67.37	-41.78	-245.94	9.27	29.58	-111.01	106.86	311.51	1.14	12.48	24.10	-13.68	22.74
ROLLRH_SIN		0.00	-9096.72	-317.20	84.90	-112.47	301.17	-106.02	-50.95	-397.60	-147.16	-71.05	-4.73	4.55	12.36	1.94	124.90
TORQ_COS		65365.66	299.94	18.17	25.63	-33.45	147.26	3.80	28.84	1.37	0.67	-35.09	4.00	1.90	1.44	0.61	1.70
TORQ_SIN		0.00	787.03	-29.89	22.16	-84.99	121.85	10.36	18.63	-13.78	-4.37	-43.13	7.09	-7.61	8.04	-2.02	-4.43
THRUST_COS		5754.73	-81.68	4.36	15.17	8.56	86.92	5.31	21.03	-2.86	-0.11	-42.93	-3.17	0.82	0.15	0.68	-22.12
THRUST_SIN		0.00	-112.63	12.91	1.87	25.19	-50.95	5.86	2.28	-3.22	-0.06	5.15	2.87	0.00	2.31	-7.61	-9.53

RUN	POINT	Harmonics															
48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-183.74	44.77	-5.81	-2.40	20.84	-22.97	8.50	-2.30	2.45	-4.81	-15.64	-0.37	-0.56	-0.96	0.38	-0.47
SIDERH_SIN		0.00	235.47	2.58	-0.85	-6.03	-87.19	4.49	0.53	9.47	7.90	4.58	-0.28	-0.61	-0.25	0.00	-3.58
DRAGRH_COS		-166.72	235.10	5.50	-1.69	-2.75	125.64	-0.39	0.11	-5.15	-0.38	3.20	-0.73	-1.82	1.14	0.28	5.96
DRAGRH_SIN		0.00	-38.90	10.85	-2.29	-0.82	17.50	-6.49	1.37	-5.17	6.73	4.99	1.31	2.82	-1.93	0.92	0.12

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-1.99	-0.01	0.00	0.00	0.00	0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.03	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.37	-3.98	-3.29	-0.92	-0.48	-0.10	0.19	0.85	-0.17	-0.13	-0.13	-0.04	0.12	0.10	-0.01	0.03
ACT1FORCE_SIN		0.00	8.15	-1.41	-1.09	0.43	-0.26	-0.46	-0.01	0.27	0.28	-0.22	0.01	0.10	0.01	-0.15	-0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.04	-343.78	21.10	5.05	0.75	2.07	0.04	0.06	-0.02	-0.05	0.05	-0.01	-0.04	-0.02	0.02	0.01
FA1IBVOLTAGE_SIN		0.00	36.96	5.00	6.33	-0.17	3.83	0.04	0.10	0.01	-0.04	-0.03	0.00	0.01	0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.75	344.49	-21.10	-5.11	-0.82	-2.09	-0.08	-0.05	0.02	0.05	-0.05	0.01	0.03	0.01	-0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	-37.33	-5.40	-6.29	0.19	-3.84	-0.03	-0.08	0.00	0.04	0.02	0.00	-0.01	-0.01	0.01	-0.01
MRBLD1CB42P75_COS		-2163.96	-1407.24	297.40	-0.06	-98.04	-137.84	-112.29	-96.54	20.52	41.47	55.74	24.95	23.81	21.59	1.54	1.55
MRBLD1CB42P75_SIN		0.00	418.43	86.78	120.06	69.08	-59.60	42.99	17.65	1.21	11.90	-4.27	83.82	25.29	15.20	17.06	-6.45

RUN	POINT	Harmonics															
48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3474.93	-836.42	377.00	-113.72	-61.32	-114.05	-111.58	-64.70	30.65	48.12	21.99	25.42	14.70	16.04	6.63	8.72
MRBLD1CB70_SIN		0.00	377.42	9.29	159.03	281.25	-50.65	120.92	40.87	5.72	10.37	-29.65	58.57	9.12	5.37	15.26	-5.04
MRBLD1CB120_COS		-527.69	-250.72	396.88	-116.18	-48.72	-26.85	-58.16	-31.30	-36.59	-14.16	-4.91	-2.29	-1.93	-4.81	-4.24	3.98
MRBLD1CB120_SIN		0.00	376.87	-101.00	90.58	319.46	-19.55	121.27	16.83	-7.32	-2.09	19.47	-34.39	-7.23	-0.91	0.06	0.21
MRBLD1CB164_COS		-1990.57	-122.42	140.97	-70.20	-71.07	22.40	28.15	13.71	-48.96	-32.76	2.99	-3.93	-1.71	-9.82	-8.12	-12.58
MRBLD1CB164_SIN		0.00	158.91	-54.40	23.93	144.92	16.89	41.55	-11.47	-9.17	-3.58	40.64	-35.75	-1.15	1.57	-4.49	7.39
MRBLD1FB42P75_COS		2784.69	194.19	-249.48	209.41	-270.59	-176.31	-208.46	-270.16	-158.09	-48.07	123.40	41.36	58.64	44.87	21.58	-7.15
MRBLD1FB42P75_SIN		0.00	-35.11	92.93	462.29	43.43	177.06	92.09	108.22	38.80	-10.22	-26.11	21.18	-10.18	-12.04	14.39	-25.49
MRBLD1FB70_COS		534.47	-11.03	-106.57	40.57	-91.14	-50.64	-38.51	-35.50	-6.19	4.90	3.54	1.12	-3.84	-5.73	-3.93	1.71
MRBLD1FB70_SIN		0.00	-197.92	45.69	140.94	7.55	29.05	20.41	20.13	7.38	3.48	0.44	2.83	3.50	3.34	-1.95	6.18
MRBLD1FB87_COS		35.49	8.74	-97.86	6.49	-47.67	-22.74	3.19	25.38	23.18	11.63	-22.83	-8.02	-10.66	-8.08	-3.50	1.98
MRBLD1FB87_SIN		0.00	-226.08	39.63	97.63	8.38	6.30	-8.46	-13.23	-10.05	-2.77	3.14	-9.37	2.19	4.97	-0.57	7.47
MRBLD1FB120_COS		-350.38	-56.55	-183.02	2.24	2.70	25.25	42.14	50.74	12.82	-9.02	-4.54	-0.64	7.00	6.52	4.43	-2.68
MRBLD1FB120_SIN		0.00	-299.12	55.12	161.33	45.31	-8.28	-21.32	-25.39	-8.60	-1.44	-0.70	2.22	-4.76	-7.14	-0.69	-11.78
MRBLD1FB164_COS		-20.22	180.20	-285.85	70.25	213.00	82.76	-24.65	-82.38	-34.50	12.42	7.68	2.17	-13.46	-7.69	2.42	5.84
MRBLD1FB164_SIN		0.00	-385.75	157.36	267.19	48.84	-74.94	7.56	36.97	8.44	1.82	-1.67	-11.31	3.06	7.63	0.53	3.89

RUN	POINT	Harmonics															
48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-122.38	139.60	-149.23	13.23	163.63	58.57	-71.60	-84.43	18.25	33.86	-47.20	-19.62	-6.80	3.56	1.48	-4.27
MRBLD1FB180_SIN		0.00	-277.89	125.09	139.31	26.51	-57.45	1.75	48.18	1.76	-27.53	-4.83	-11.29	0.81	-9.63	-1.92	-12.20
MRBLD1TOR51_COS		-1430.01	304.25	-2.54	-6.97	-35.55	-29.64	-36.22	-45.11	10.05	13.20	-6.78	-3.96	-0.39	4.63	3.65	4.15
MRBLD1TOR51_SIN		0.00	-56.53	127.57	51.62	-13.22	20.81	29.91	29.50	5.54	-1.86	-8.09	-5.84	-1.69	0.88	-0.48	-5.94
MRBLD1TOR71_COS		-286.25	307.24	-18.27	-7.36	-19.33	-14.95	-18.83	-28.13	12.84	10.01	-11.12	-4.37	-2.18	2.54	2.52	2.75
MRBLD1TOR71_SIN		0.00	-62.51	110.19	21.58	-20.15	17.66	26.95	29.00	8.78	0.30	-5.70	-6.34	-2.49	0.26	-0.83	-3.93
MRBLD1TOR130_COS		-46.80	301.54	3.21	-5.19	-2.33	-5.03	-7.62	-25.96	0.75	1.68	2.50	-1.25	0.43	-0.13	-2.25	-3.36
MRBLD1TOR130_SIN		0.00	-52.63	96.85	7.85	-14.13	12.29	24.04	22.40	4.51	-0.82	6.86	6.52	1.83	1.14	0.85	2.18
MRBLD1TOR164_COS		-247.68	209.96	39.32	-7.76	-22.50	-27.19	-9.73	-2.24	9.43	0.64	-4.16	1.71	1.19	-0.66	-2.88	-0.97
MRBLD1TOR164_SIN		0.00	-5.10	46.32	-33.87	-20.72	7.36	13.28	14.84	2.30	-3.77	0.54	3.24	0.10	-1.30	1.31	2.34
MRFBM1CB26P5_COS		-2875.99	-628.16	89.67	55.68	-10.27	-10.08	-2.92	-11.36	-4.59	-3.86	9.42	-1.45	2.49	1.56	-0.92	-0.08
MRFBM1CB26P5_SIN		0.00	85.26	66.93	-21.72	-56.03	-16.20	-19.02	-8.14	-3.67	-2.11	8.62	0.57	1.90	1.25	0.02	-1.44
MRFBM1FB9_COS		495.88	-120.98	28.95	2.71	38.37	27.68	19.83	14.79	4.70	-0.30	-3.34	0.37	-0.75	-0.52	0.42	-0.80
MRFBM1FB9_SIN		0.00	108.41	-46.64	-149.21	-2.44	-3.85	3.01	5.36	3.71	0.51	-2.31	-2.62	-2.05	-1.60	-1.03	0.09
MRFBM1TOR26P5_COS		-245.52	91.87	0.17	0.44	-0.57	0.28	-0.90	-0.25	0.14	0.37	-0.07	-0.01	-0.01	0.01	0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-138.88	1.63	-0.33	0.37	0.13	0.13	0.21	0.13	0.10	-0.31	-0.29	0.03	0.00	-0.02	-0.05

RUN	POINT	Harmonics															
48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-717.37	-1270.03	225.03	61.76	-92.29	-104.91	-83.60	-89.96	-10.86	15.37	52.56	17.06	22.76	18.33	-0.78	2.23
MRPC1CB33P25_SIN		0.00	400.20	86.97	67.34	-29.11	-28.25	5.62	-2.20	-13.36	-3.05	10.93	51.78	18.76	12.26	13.17	-7.18
MRPC1FB33P25_COS		2019.97	127.46	-250.32	111.26	-229.24	-192.37	-201.45	-253.81	-135.23	-31.22	104.55	15.57	45.34	37.89	0.55	18.66
MRPC1FB33P25_SIN		0.00	116.55	14.15	417.92	-6.23	92.98	1.73	-25.25	-44.05	-33.49	51.68	45.30	33.05	26.75	29.29	-19.95
MRPC1TOR25P5_COS		-616.71	-251.66	-48.95	37.15	29.47	25.73	30.20	35.28	-13.76	-17.15	14.62	7.43	3.09	-1.10	-5.07	-4.24
MRPC1TOR25P5_SIN		0.00	-31.58	-178.97	-49.38	26.35	-20.38	-24.36	-33.79	-11.46	0.02	14.73	17.18	3.00	0.11	4.66	6.92
MRPLK1LOAD_COS		-44.61	-31.34	-2.69	0.66	4.22	3.30	5.72	6.40	-1.58	-2.80	1.68	0.65	0.17	-0.32	-0.94	-0.76
MRPLK1LOAD_SIN		0.00	-14.46	-20.00	-6.22	1.40	-2.04	-3.79	-4.63	-1.30	-0.30	2.53	2.77	0.24	0.03	0.57	1.20
PITCHRH_COS		10689.31	-9183.22	-351.23	50.12	37.02	-1143.96	62.07	-91.14	9.80	-38.55	-63.80	14.60	25.25	-37.75	13.15	-61.73
PITCHRH_SIN		0.00	1292.98	-296.60	46.66	-75.31	-51.40	57.11	136.10	-7.18	-119.00	-78.19	18.77	-4.01	8.80	-31.96	10.63
ROLLRH_COS		-700.92	-1064.90	216.40	-17.52	2.69	-577.43	-58.09	32.97	-64.71	121.23	314.89	-6.27	-7.68	3.51	-27.39	-33.37
ROLLRH_SIN		0.00	-9125.88	-397.22	94.85	-32.05	139.41	-13.19	-86.85	-504.40	-118.65	-53.49	-9.22	14.90	4.85	-3.84	174.12
TORQ_COS		65073.30	315.22	25.83	23.33	-3.78	162.53	1.48	21.98	-16.07	0.86	-31.25	3.81	0.60	-0.39	0.85	1.53
TORQ_SIN		0.00	787.42	-20.57	29.55	-38.53	135.72	15.76	25.96	-7.70	-7.89	-35.56	8.91	-5.64	7.62	-1.63	-5.20
THRUST_COS		5832.68	-85.94	3.62	13.78	4.37	80.83	5.84	18.53	0.56	-1.02	-38.88	3.31	-3.01	1.60	2.68	-17.14
THRUST_SIN		0.00	-119.56	14.41	0.69	19.96	-56.52	5.41	10.36	-2.49	2.58	9.31	-3.85	1.37	0.43	-6.40	-4.59

RUN	POINT	Harmonics															
48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-190.31	44.54	-0.45	-2.89	-1.81	-1.54	8.60	-2.35	1.99	-5.16	-16.52	-0.84	0.49	-0.36	0.86	0.72
SIDERH_SIN		0.00	236.88	3.94	0.38	-11.76	-101.08	-0.23	1.29	12.16	6.28	2.95	0.04	-0.69	0.02	0.31	-5.11
DRAGRH_COS		-153.29	234.68	2.68	-3.23	-1.35	91.55	-10.41	-0.33	-1.49	-0.07	9.04	1.14	-1.63	1.58	-0.56	2.92
DRAGRH_SIN		0.00	-39.80	12.36	-2.86	6.96	21.83	-9.03	-0.51	-2.82	8.82	4.76	2.54	0.70	-1.09	1.72	0.24

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-2.98	-0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.04	0.00	0.00	0.00	0.00	-0.02	-0.01	0.02	0.01	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.42	-4.98	-3.30	0.20	-0.39	-0.21	0.10	0.89	-0.26	-0.21	0.00	-0.03	0.11	-0.04	-0.10	-0.01
ACT1FORCE_SIN		0.00	6.87	-2.42	-1.50	1.10	-0.37	-0.24	0.07	0.33	0.19	-0.25	0.14	0.19	0.15	-0.13	0.02
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		375.62	-445.80	18.48	-4.44	-0.30	1.58	0.00	0.03	-0.06	-0.02	0.06	-0.01	-0.05	-0.02	0.02	0.01
FA1IBVOLTAGE_SIN		0.00	94.76	12.94	3.49	-3.63	5.28	-0.05	0.14	-0.03	-0.04	0.00	0.04	0.02	0.01	0.01	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.37	446.89	-18.32	4.40	0.25	-1.58	-0.09	-0.03	0.05	0.01	-0.06	0.00	0.04	0.02	-0.02	-0.02
FA1OBVOLTAGE_SIN		0.00	-95.31	-14.03	-3.53	3.51	-5.32	0.03	-0.13	0.03	0.04	0.00	-0.04	-0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-2122.45	-1418.91	271.48	12.57	-80.70	-120.35	-115.41	-72.42	23.11	31.36	58.92	46.28	34.78	22.43	1.33	3.34
MRBLD1CB42P75_SIN		0.00	31.89	110.50	114.67	92.87	-59.61	31.53	-6.02	7.63	12.30	-35.45	70.66	25.75	18.34	13.68	-1.57

RUN	POINT	Harmonics															
48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3506.80	-824.48	342.24	-94.86	-25.07	-92.63	-105.78	-44.93	31.82	39.20	19.98	38.17	22.12	15.69	7.94	10.18
MRBLD1CB70_SIN		0.00	132.14	7.83	168.70	310.74	-46.40	105.40	17.70	9.93	11.51	-51.94	47.03	8.17	4.85	8.41	-0.04
MRBLD1CB120_COS		-514.77	-218.27	353.94	-95.62	-14.04	-21.23	-49.21	-18.67	-33.44	-4.99	-4.89	-12.66	-6.76	-5.31	-3.01	3.40
MRBLD1CB120_SIN		0.00	275.23	-110.72	107.04	334.66	-14.64	112.62	2.64	-6.89	-1.57	36.76	-28.16	-6.55	-2.05	-0.87	-0.18
MRBLD1CB164_COS		-1984.20	-128.36	125.24	-51.84	-55.25	22.99	31.80	11.66	-45.01	-19.96	4.23	-12.71	-6.40	-8.38	-8.73	-11.24
MRBLD1CB164_SIN		0.00	127.76	-62.06	31.04	148.65	17.37	41.46	-8.37	-12.86	-4.11	57.47	-29.02	-0.75	3.23	0.28	3.84
MRBLD1FB42P75_COS		2766.04	222.09	-231.65	292.42	-254.60	-180.56	-207.73	-234.12	-141.43	-43.64	126.85	49.76	63.31	42.34	10.68	-1.52
MRBLD1FB42P75_SIN		0.00	47.11	145.35	443.38	19.65	158.96	83.06	37.52	37.33	-20.59	-44.75	5.90	-16.80	-12.00	10.66	-22.54
MRBLD1FB70_COS		532.37	-12.96	-99.84	68.91	-85.43	-51.90	-39.96	-30.10	-5.09	4.92	2.82	1.09	-3.69	-5.14	-1.81	0.44
MRBLD1FB70_SIN		0.00	-200.37	65.86	136.16	3.33	25.19	18.32	7.40	7.29	2.79	-0.17	2.88	4.05	3.50	-1.10	5.60
MRBLD1FB87_COS		32.79	-0.43	-93.26	23.93	-46.05	-22.70	2.41	21.56	20.43	10.81	-23.09	-10.42	-12.22	-7.22	-0.53	1.23
MRBLD1FB87_SIN		0.00	-224.61	51.41	96.69	7.95	6.63	-6.27	-6.28	-9.19	-0.61	8.24	-4.75	3.94	4.39	0.04	6.93
MRBLD1FB120_COS		-347.67	-82.66	-165.43	24.17	5.58	28.41	45.27	43.57	10.36	-9.51	-4.86	-0.75	6.90	5.26	-0.32	-2.59
MRBLD1FB120_SIN		0.00	-296.23	61.68	160.54	46.30	-7.10	-20.51	-7.99	-9.59	-2.04	-1.67	0.06	-6.45	-6.67	-1.68	-10.99
MRBLD1FB164_COS		-37.16	246.53	-280.90	75.66	204.36	74.14	-26.90	-68.07	-28.36	12.89	7.69	0.18	-14.70	-5.77	5.39	4.99
MRBLD1FB164_SIN		0.00	-379.98	208.05	264.68	52.84	-59.38	4.86	15.14	9.49	0.01	1.28	-7.42	4.49	6.53	0.81	4.10

RUN	POINT	Harmonics															
48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-134.71	209.95	-143.04	11.11	151.96	55.39	-72.33	-72.45	21.26	33.34	-49.97	-26.41	-12.14	-1.04	-4.95	-3.99
MRBLD1FB180_SIN		0.00	-276.91	163.97	141.91	26.76	-47.30	3.14	27.04	0.94	-24.68	6.90	-3.53	1.47	-11.19	-3.73	-11.55
MRBLD1TOR51_COS		-1429.07	407.80	-15.58	-8.83	-31.50	-27.10	-39.95	-36.02	10.63	12.56	-7.62	-4.39	-0.64	3.87	1.94	4.24
MRBLD1TOR51_SIN		0.00	-51.04	173.69	50.21	-18.75	13.69	28.21	12.88	5.16	-1.65	-8.48	-5.47	-1.44	-0.02	-2.15	-6.00
MRBLD1TOR71_COS		-285.01	405.74	-29.07	-11.95	-17.17	-12.76	-22.28	-22.25	13.22	9.80	-11.71	-6.05	-2.77	2.06	1.41	2.58
MRBLD1TOR71_SIN		0.00	-52.58	152.37	20.12	-25.51	11.53	25.37	16.04	7.75	0.96	-4.98	-5.49	-2.14	-0.21	-2.06	-4.19
MRBLD1TOR130_COS		-46.11	404.20	-6.87	-13.48	-2.23	-3.46	-10.66	-20.09	1.63	2.63	4.37	-0.75	1.07	0.24	-1.40	-3.47
MRBLD1TOR130_SIN		0.00	-43.40	137.28	6.25	-18.90	7.94	21.40	11.37	4.22	-0.33	5.95	6.41	2.41	2.00	1.27	2.34
MRBLD1TOR164_COS		-242.96	283.71	32.91	-17.75	-20.86	-23.92	-11.45	-0.35	9.03	1.03	-4.05	0.15	0.74	-0.68	-2.35	-1.31
MRBLD1TOR164_SIN		0.00	0.78	68.44	-34.43	-24.59	3.64	11.66	9.81	1.92	-2.93	1.21	3.02	-0.38	-1.24	0.80	2.42
MRFBM1CB26P5_COS		-2838.73	-616.25	84.86	49.68	-15.81	-9.29	-5.13	-10.29	-4.06	-3.66	11.05	-0.34	2.61	1.61	-1.42	-0.21
MRFBM1CB26P5_SIN		0.00	-88.97	78.36	-30.39	-53.84	-16.58	-18.43	-8.62	-2.78	-2.58	7.78	0.78	2.16	1.60	0.26	-1.66
MRFBM1FB9_COS		465.44	-70.73	27.50	-19.53	35.58	27.48	19.48	10.69	4.28	-0.46	-3.92	-0.52	-1.17	-0.50	0.34	-0.64
MRFBM1FB9_SIN		0.00	197.12	-83.44	-151.60	-1.59	-2.32	3.44	7.05	3.25	0.76	-1.46	-2.62	-2.22	-1.46	-0.65	-0.23
MRFBM1TOR26P5_COS		-245.83	93.45	-0.08	0.51	-0.34	0.07	-0.85	-0.26	0.16	0.29	-0.17	0.04	-0.01	-0.01	0.03	0.06
MRFBM1TOR26P5_SIN		0.00	-137.18	1.79	-0.39	0.44	-0.03	0.34	0.09	0.12	0.06	-0.32	-0.29	0.02	-0.02	-0.01	-0.05

RUN	POINT	Harmonics															
48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-689.63	-1301.07	207.64	69.02	-88.27	-96.23	-87.11	-70.72	-6.94	11.28	56.32	30.81	29.84	18.86	-1.15	3.53
MRPC1CB33P25_SIN		0.00	52.53	115.98	58.80	-19.26	-31.59	0.19	-20.39	-7.76	-3.35	-8.03	43.13	18.97	14.24	10.15	-3.87
MRPC1FB33P25_COS		2005.12	143.42	-245.74	184.36	-209.78	-190.71	-197.94	-197.28	-121.44	-22.88	117.40	31.53	53.73	36.14	-2.65	20.17
MRPC1FB33P25_SIN		0.00	190.36	57.28	415.07	-22.75	77.46	-4.89	-67.06	-37.54	-38.88	39.12	38.78	31.34	24.72	17.01	-13.34
MRPC1TOR25P5_COS		-612.82	-360.25	-39.77	42.90	27.03	25.07	34.16	29.09	-13.55	-16.22	17.31	9.17	4.64	-0.38	-2.46	-4.45
MRPC1TOR25P5_SIN		0.00	-34.78	-227.18	-49.37	32.54	-12.50	-23.66	-17.41	-9.21	0.70	13.35	15.46	3.76	2.10	5.00	7.69
MRPLK1LOAD_COS		-44.78	-45.15	-1.01	1.05	3.67	3.28	6.17	5.46	-1.63	-2.47	2.25	0.62	0.31	-0.16	-0.46	-0.92
MRPLK1LOAD_SIN		0.00	-15.61	-26.10	-5.91	2.23	-0.88	-4.02	-2.25	-1.10	-0.05	2.46	2.59	0.39	0.37	0.56	1.32
PITCHRH_COS		9981.26	-9143.38	-392.78	34.86	-34.25	-1138.49	17.06	-52.08	59.36	-79.15	9.22	13.32	22.44	-20.17	11.49	-76.24
PITCHRH_SIN		0.00	1290.11	-249.10	38.80	-68.67	-112.75	79.87	130.91	-87.40	-119.65	-136.87	1.76	23.16	9.62	-34.68	-14.69
ROLLRH_COS		-2927.34	-1068.97	155.79	11.93	-26.68	-372.96	-115.16	-0.17	-43.62	89.78	288.61	2.49	-14.42	16.21	-24.27	33.38
ROLLRH_SIN		0.00	-9028.89	-385.15	131.37	21.75	291.99	-47.51	-81.58	-375.11	-103.81	-58.39	-8.90	14.20	32.49	4.63	142.71
TORQ_COS		65622.64	302.55	32.69	23.30	-24.62	136.07	1.30	26.34	-17.13	0.29	-36.98	3.18	3.18	-1.15	1.81	1.59
TORQ_SIN		0.00	778.74	-22.16	26.14	-44.54	139.70	12.25	24.78	-7.96	-8.69	-32.15	7.09	-7.13	6.40	-2.89	-3.85
THRUST_COS		5745.13	-88.01	1.11	12.95	7.86	82.14	4.54	20.86	-1.00	0.35	-41.12	1.03	-2.72	0.00	2.01	-16.76
THRUST_SIN		0.00	-121.20	15.45	-5.90	20.83	-49.04	6.39	9.45	-2.21	5.49	9.33	-3.81	0.98	2.47	-8.44	-5.90

RUN	POINT	Harmonics															
48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-198.42	43.36	1.12	-2.58	-5.76	-11.59	9.81	-1.96	0.87	-3.43	-14.76	-0.90	0.59	-0.63	0.75	-1.10
SIDERH_SIN		0.00	233.73	0.51	1.57	-29.73	-86.97	4.66	0.77	9.09	5.65	3.34	0.21	-0.95	-0.80	-0.10	-4.19
DRAGRH_COS		-156.22	234.07	1.54	-3.52	-1.51	122.98	-1.01	-1.97	-0.96	0.94	4.21	0.91	-2.11	0.81	-0.35	3.56
DRAGRH_SIN		0.00	-39.81	11.80	-2.72	8.87	-4.13	-10.87	0.94	-0.32	8.71	6.77	1.80	0.70	-0.81	1.62	1.04

RUN	POINT	Harmonics															
48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.01	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.99	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-8.92	-4.51	-0.70	-2.82	-3.19	-0.69	-0.08	0.37	-0.03	0.13	0.36	0.29	0.29	0.11	0.07	0.01
ACT1FORCE_SIN		0.00	15.79	0.98	2.95	0.32	-1.03	-0.07	0.13	0.37	0.21	-0.01	0.18	0.18	0.10	-0.10	0.05
FA1IBCURRENT_COS		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.08	63.88	4.05	17.07	29.40	11.58	-0.02	-0.02	0.00	-0.02	-0.01	-0.03	-0.02	-0.02	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	109.30	-10.33	-23.24	-0.14	8.31	-0.03	0.02	0.02	0.05	0.04	0.01	0.02	0.02	0.00	-0.01
FA1OBCURRENT_COS		0.02	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.63	-64.10	-4.02	-17.07	-29.45	-11.59	0.04	0.02	-0.01	0.03	0.01	0.04	0.02	0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	-109.46	10.41	23.30	0.17	-8.30	0.03	-0.03	-0.03	-0.05	-0.04	-0.01	-0.02	-0.02	0.01	0.02
MRBLD1CB42P75_COS		-3447.24	-1484.40	33.94	219.96	14.70	-51.14	-49.14	-112.54	31.51	38.49	31.89	-2.52	-10.61	-4.16	-20.28	-7.57
MRBLD1CB42P75_SIN		0.00	-163.12	-18.90	81.54	123.31	11.67	22.26	3.20	-41.11	-7.06	-85.65	64.13	20.87	14.29	42.87	-28.24

RUN	POINT	Harmonics															
48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2797.03	-924.04	276.22	128.94	70.01	-6.83	-37.17	-79.61	25.48	39.11	7.42	4.35	-5.63	-1.04	-11.19	-9.39
MRBLD1CB70_SIN		0.00	-85.21	-49.63	114.74	249.66	48.01	50.04	26.85	-24.26	-4.68	-61.54	36.09	12.71	8.05	29.99	-29.09
MRBLD1CB120_COS		-559.72	-389.81	393.70	130.56	77.63	45.97	-7.51	-25.75	-26.69	-8.24	7.91	7.51	8.54	6.12	-3.28	0.16
MRBLD1CB120_SIN		0.00	50.06	-134.46	33.55	213.87	71.18	52.29	23.51	5.76	-7.93	51.48	-22.52	-0.98	-0.54	-4.09	-8.77
MRBLD1CB164_COS		-1952.52	-125.53	126.72	28.59	-6.69	24.95	21.99	27.17	-30.55	-17.80	10.72	4.77	9.36	5.31	8.62	0.77
MRBLD1CB164_SIN		0.00	77.26	-49.26	25.59	86.21	34.07	12.14	2.49	3.94	-16.38	52.92	-11.01	4.02	-1.18	-14.86	22.67
MRBLD1FB42P75_COS		2990.53	227.23	-376.63	509.53	-121.65	-53.88	-116.18	-256.78	-85.80	-31.08	77.49	60.14	36.42	32.61	38.09	-76.31
MRBLD1FB42P75_SIN		0.00	15.20	-0.77	151.58	1.87	125.95	38.10	51.92	-54.12	-66.91	-103.38	51.17	19.52	17.15	85.68	-27.89
MRBLD1FB70_COS		416.76	2.36	-182.39	144.96	-44.52	-10.42	-14.67	-36.50	-0.84	2.82	-0.41	-0.91	-3.11	-5.73	-6.66	17.40
MRBLD1FB70_SIN		0.00	-205.91	25.95	42.18	-12.39	19.83	11.55	16.45	-2.95	2.12	1.75	2.13	1.83	-1.66	-18.73	5.23
MRBLD1FB87_COS		-68.00	31.13	-153.36	42.75	-48.29	-21.58	-2.15	24.26	14.20	8.87	-10.55	-11.46	-5.77	-6.63	-10.94	12.10
MRBLD1FB87_SIN		0.00	-199.85	50.46	59.95	0.27	3.19	-2.97	-6.63	3.46	8.70	25.30	-12.11	-3.26	-1.42	-16.28	6.20
MRBLD1FB120_COS		-472.41	33.74	-233.35	12.77	-19.35	-3.20	19.68	52.94	2.31	-8.30	-3.72	3.38	5.78	9.28	13.45	-19.70
MRBLD1FB120_SIN		0.00	-229.94	91.59	128.87	42.74	-13.33	-23.38	-26.33	6.19	-1.11	-10.48	3.68	-2.16	-0.50	23.53	-9.71
MRBLD1FB164_COS		-192.36	69.54	-310.16	72.84	140.67	57.88	-2.77	-74.33	-6.99	7.48	1.48	-2.53	-1.99	-2.07	-3.33	9.70
MRBLD1FB164_SIN		0.00	-379.48	101.43	136.81	63.95	-25.73	21.93	24.29	-13.44	0.60	17.78	-9.06	-2.60	-0.06	-11.47	5.85

RUN	POINT	Harmonics															
48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-240.73	12.37	-162.51	28.37	107.43	51.30	-26.96	-76.04	11.56	12.15	-27.36	-12.15	14.46	16.23	11.73	-27.61
MRBLD1FB180_SIN		0.00	-293.32	66.97	63.12	24.36	-19.00	28.41	35.89	-21.26	-10.02	48.57	-14.53	-6.09	-6.86	26.89	-9.05
MRBLD1TOR51_COS		-1440.36	77.05	16.61	74.22	-12.26	-24.11	7.56	-23.44	7.80	3.76	-7.83	1.05	4.64	4.08	-2.07	-1.12
MRBLD1TOR51_SIN		0.00	-199.67	16.22	38.57	7.63	7.13	13.05	36.46	-0.04	-8.09	-2.22	-4.50	1.62	2.45	6.90	-10.04
MRBLD1TOR71_COS		-295.97	93.37	6.25	52.47	-4.55	-14.94	13.55	-10.57	7.00	0.96	-10.23	0.75	4.31	4.60	-1.60	-1.21
MRBLD1TOR71_SIN		0.00	-191.70	10.68	18.19	-0.41	4.20	14.64	38.24	6.30	-3.55	1.92	-5.63	-0.08	1.06	3.26	-5.43
MRBLD1TOR130_COS		-69.04	81.94	27.96	30.49	9.05	-9.56	10.16	-11.19	4.94	1.20	4.47	-1.41	0.25	-0.28	-3.28	-2.57
MRBLD1TOR130_SIN		0.00	-180.95	5.13	5.47	5.17	6.41	13.35	27.80	3.47	-0.83	3.56	9.05	3.09	0.78	-1.72	5.13
MRBLD1TOR164_COS		-242.45	43.43	68.81	2.42	-4.95	-14.48	-1.36	-0.58	6.34	2.81	-1.45	-0.32	1.57	2.19	-3.34	-3.47
MRBLD1TOR164_SIN		0.00	-107.65	-4.03	-21.21	-11.24	9.42	10.74	17.03	1.88	-1.06	5.09	4.70	2.65	0.92	1.49	-0.71
MRFBM1CB26P5_COS		-4514.18	-608.88	-23.35	77.36	-4.24	-13.14	-3.74	-11.36	-1.05	-0.78	8.05	-0.66	0.34	-0.01	-4.09	-0.63
MRFBM1CB26P5_SIN		0.00	-132.07	9.05	-15.19	-19.32	-12.15	-8.91	-5.80	-7.00	-2.43	-2.84	4.08	1.94	1.97	4.07	-3.31
MRFBM1FB9_COS		330.68	-34.38	139.16	-98.74	16.19	13.04	8.06	12.40	-0.80	-2.19	-4.74	1.12	0.66	0.72	2.35	-1.18
MRFBM1FB9_SIN		0.00	-18.90	17.94	-92.42	-3.29	-7.78	2.99	7.03	4.38	1.48	0.48	-2.73	-1.58	-0.99	-1.65	2.31
MRFBM1TOR26P5_COS		-353.15	81.37	-0.61	0.43	-0.29	0.01	0.21	-0.12	0.18	0.03	-0.13	0.06	0.02	0.01	0.17	0.08
MRFBM1TOR26P5_SIN		0.00	-99.83	0.10	0.02	0.16	-0.23	0.49	0.15	0.17	0.03	-0.01	-0.17	0.01	0.04	-0.01	-0.03

RUN	POINT	Harmonics															
48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1179.49	-1360.16	-35.68	245.24	-16.02	-50.60	-41.65	-99.44	10.37	20.77	38.05	0.50	-3.01	-0.35	-19.69	-7.55
MRPC1CB33P25_SIN		0.00	-127.68	-2.59	31.40	43.37	5.14	5.05	-10.74	-42.02	-16.20	-54.14	50.14	18.19	14.54	39.39	-29.80
MRPC1FB33P25_COS		2249.34	156.34	-333.29	395.09	-102.86	-79.85	-106.66	-222.86	-38.78	13.96	115.78	10.44	11.00	5.86	-54.09	-21.36
MRPC1FB33P25_SIN		0.00	177.49	-69.12	220.53	-18.00	89.91	-13.35	-63.25	-82.43	-65.94	-33.70	75.42	39.52	37.89	86.64	-84.35
MRPC1TOR25P5_COS		-723.54	-57.72	-66.35	-70.17	9.08	14.57	-17.08	12.86	-9.63	-1.10	15.58	-1.48	-6.83	-3.63	-10.47	-6.41
MRPC1TOR25P5_SIN		0.00	255.78	-67.41	-15.53	-6.94	0.52	-15.46	-44.76	-5.90	5.91	-1.71	15.30	-0.37	0.09	-0.68	2.59
MRPLK1LOAD_COS		-75.25	-0.05	-4.90	-8.90	1.64	2.44	-2.05	3.22	-1.15	-0.35	2.22	-0.85	-0.86	-0.56	-2.03	-1.11
MRPLK1LOAD_SIN		0.00	5.62	-4.23	-3.52	-0.57	0.13	-2.23	-5.38	-0.54	0.56	0.23	2.08	-0.27	-0.19	-0.97	0.94
PITCHRH_COS		8845.87	-8995.54	-328.62	-52.37	-66.25	-700.92	-32.34	-33.03	148.54	-33.46	46.41	-53.20	12.93	6.96	-16.72	-250.79
PITCHRH_SIN		0.00	2737.02	-639.02	50.73	-13.12	38.74	118.83	108.60	81.35	-31.47	-87.23	28.04	29.07	67.99	4.72	280.48
ROLLRH_COS		1753.08	-2212.69	680.64	-57.22	-99.09	-181.19	-151.60	-17.03	116.53	45.23	314.72	-43.28	-3.80	51.71	-53.97	-601.79
ROLLRH_SIN		0.00	-8855.70	-450.19	-13.13	92.80	200.81	-181.27	22.45	-22.39	-1.28	-36.71	-28.26	4.58	-48.79	-5.01	-217.80
TORQ_COS		31132.13	454.77	7.10	8.65	-107.27	74.99	0.73	9.56	-9.32	0.24	-3.40	1.46	3.99	-1.18	-1.16	-6.50
TORQ_SIN		0.00	585.42	-22.17	18.03	-87.89	78.52	0.35	12.78	4.94	-6.20	8.68	2.48	-8.00	5.00	-9.31	-13.19
THRUST_COS		5663.36	-64.18	10.13	14.16	16.51	35.09	1.39	9.28	-5.56	-5.18	-35.33	2.59	1.46	-0.47	-0.56	18.31
THRUST_SIN		0.00	-81.24	9.86	7.28	33.29	-54.65	4.54	1.95	-2.60	-0.10	26.37	-5.19	-1.10	-0.13	-8.22	39.74

RUN	POINT	Harmonics															
48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.41	6.55	-16.76	-2.62	-26.05	11.04	8.47	-0.66	-1.50	-2.35	-13.44	2.46	0.21	-1.66	1.04	17.37
SIDERH_SIN		0.00	232.15	11.52	2.90	-58.92	-39.88	9.60	-0.58	0.05	0.76	1.79	2.19	0.15	1.69	-0.12	6.20
DRAGRH_COS		-159.26	243.50	11.47	-1.55	-14.74	30.84	-19.66	-2.47	-2.12	1.95	5.40	4.39	-0.65	-1.15	-0.71	11.85
DRAGRH_SIN		0.00	-70.56	18.80	-0.69	8.87	-19.24	-28.12	-1.13	2.42	-0.43	5.88	-4.39	0.07	-3.09	-1.47	-12.83

RUN	POINT	Harmonics															
48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.03	0.00	0.00	0.00	0.00	-0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	1.99	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-8.73	-5.69	-1.25	-2.18	-3.01	-0.79	-0.19	0.35	0.00	0.42	0.40	0.26	0.25	0.14	0.05	0.01
ACT1FORCE_SIN		0.00	17.48	1.15	3.43	-0.02	-0.65	-0.20	0.35	0.24	0.07	-0.03	0.22	0.16	0.22	-0.03	0.03
FA1IBCURRENT_COS		0.00	0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.36	115.71	9.21	12.37	23.49	9.66	-0.05	-0.09	0.02	0.00	-0.01	-0.06	-0.02	-0.05	0.00	0.02
FA1IBVOLTAGE_SIN		0.00	256.76	-10.18	-23.00	2.19	5.32	-0.06	0.00	0.00	0.08	0.06	0.02	0.03	0.00	-0.01	-0.03
FA1OBCURRENT_COS		0.02	-0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.42	-116.26	-9.11	-12.33	-23.54	-9.61	0.10	0.08	-0.02	0.01	0.01	0.05	0.02	0.04	0.00	-0.02
FA1OBVOLTAGE_SIN		0.00	-257.19	10.52	23.03	-2.21	-5.28	0.06	-0.01	-0.01	-0.09	-0.06	-0.03	-0.03	0.00	0.01	0.03
MRBLD1CB42P75_COS		-3427.48	-1780.92	78.65	219.96	14.44	-51.16	-45.15	-102.05	35.71	45.71	35.41	8.37	-13.61	-7.26	-18.98	-3.71
MRBLD1CB42P75_SIN		0.00	-361.77	-28.65	72.99	78.94	14.75	48.98	-39.90	-40.35	-12.60	-56.95	60.77	22.00	12.05	34.75	-25.16

RUN	POINT	Harmonics															
48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2820.95	-1114.62	291.18	143.36	68.67	-8.26	-14.44	-68.05	28.38	43.91	14.70	9.90	-7.17	-3.12	-11.71	-9.58
MRBLD1CB70_SIN		0.00	-233.58	-47.91	102.53	190.15	35.42	49.70	0.79	-27.24	-12.22	-32.99	33.99	13.86	7.97	24.43	-25.67
MRBLD1CB120_COS		-546.79	-464.35	395.33	148.70	73.58	48.54	29.12	-14.71	-27.12	-19.97	1.49	4.20	11.92	7.53	-3.00	-1.55
MRBLD1CB120_SIN		0.00	-40.46	-121.82	16.17	138.73	62.73	25.94	27.74	12.30	-3.50	29.62	-22.10	-3.05	-0.50	-3.00	-7.36
MRBLD1CB164_COS		-1951.17	-143.98	124.75	36.54	-7.31	29.18	37.93	23.94	-32.75	-29.96	3.91	1.73	11.03	6.63	9.15	2.88
MRBLD1CB164_SIN		0.00	65.13	-44.35	20.14	53.22	24.49	-9.56	19.55	8.33	-10.71	24.55	-11.91	2.37	-1.36	-11.52	19.71
MRBLD1FB42P75_COS		2958.12	320.44	-333.55	511.40	-152.95	-20.02	-99.68	-255.10	-68.36	-34.34	44.04	66.70	32.09	22.91	27.72	-65.18
MRBLD1FB42P75_SIN		0.00	41.44	-8.79	113.15	-136.79	190.82	85.57	-14.20	-28.61	-38.89	-104.85	40.73	19.67	14.75	73.53	-25.51
MRBLD1FB70_COS		407.60	4.77	-163.35	144.43	-55.22	-2.64	-9.73	-37.21	1.32	3.41	0.90	-0.61	-1.84	-3.87	-5.34	14.79
MRBLD1FB70_SIN		0.00	-207.38	23.59	30.31	-55.90	37.28	22.41	2.74	-0.95	2.78	2.13	1.82	1.41	-0.97	-16.14	3.99
MRBLD1FB87_COS		-71.77	35.67	-141.05	43.99	-51.09	-18.79	-1.63	23.01	11.74	8.74	-5.10	-13.56	-4.53	-3.95	-8.23	9.34
MRBLD1FB87_SIN		0.00	-194.07	49.27	52.54	-18.18	6.45	-4.21	-2.27	-1.28	3.18	23.41	-10.62	-4.42	-1.39	-13.02	6.74
MRBLD1FB120_COS		-472.43	35.22	-229.42	16.40	-20.81	-8.78	13.08	52.07	-1.07	-8.29	-4.17	4.15	2.56	5.08	10.69	-15.25
MRBLD1FB120_SIN		0.00	-204.75	86.38	122.21	51.64	-25.30	-33.20	-5.94	3.98	-0.26	-7.84	4.41	-0.16	-1.57	17.77	-10.73
MRBLD1FB164_COS		-221.05	72.85	-276.20	83.34	157.00	52.93	-4.24	-68.99	-1.40	4.11	1.73	-7.01	-1.09	1.80	-1.31	5.92
MRBLD1FB164_SIN		0.00	-438.31	93.28	103.92	109.92	-30.66	30.68	0.42	-6.97	1.45	14.85	-10.11	-3.61	0.21	-8.39	8.75

RUN	POINT	Harmonics															
48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-266.71	10.11	-132.26	27.34	113.73	55.32	-23.03	-76.88	11.17	6.73	-20.49	-18.59	13.25	14.99	11.23	-19.77
MRBLD1FB180_SIN		0.00	-360.84	65.23	46.61	42.00	-21.48	49.20	17.47	-22.78	-16.37	47.23	-11.34	-8.83	-10.09	20.92	-10.46
MRBLD1TOR51_COS		-1478.30	78.85	64.42	73.48	-14.09	-21.75	20.51	-22.01	8.15	4.01	-6.28	-0.25	4.85	4.63	-1.40	-0.28
MRBLD1TOR51_SIN		0.00	-322.57	20.65	45.10	-0.66	8.86	27.14	22.67	-1.90	-10.89	-1.26	-5.02	0.87	2.30	6.22	-8.02
MRBLD1TOR71_COS		-331.33	98.32	49.58	50.59	-6.38	-13.22	24.22	-10.59	7.24	1.00	-8.58	-0.54	4.55	5.03	-0.58	-0.07
MRBLD1TOR71_SIN		0.00	-305.51	15.24	25.10	-2.33	3.77	25.37	28.38	3.88	-6.18	2.42	-6.10	-0.47	1.00	2.99	-3.71
MRBLD1TOR130_COS		-105.04	84.64	69.76	29.58	7.49	-8.26	17.76	-10.34	5.54	-0.23	4.06	0.28	0.31	-0.78	-3.15	-2.19
MRBLD1TOR130_SIN		0.00	-299.44	8.18	12.86	11.00	4.01	20.47	19.17	3.77	-1.14	2.17	8.66	3.49	1.12	-1.55	4.32
MRBLD1TOR164_COS		-264.83	44.04	91.91	-0.11	-4.21	-12.50	1.48	-1.16	7.21	1.99	-1.48	0.04	1.18	2.00	-2.38	-2.68
MRBLD1TOR164_SIN		0.00	-193.13	-0.94	-14.08	-16.81	13.80	15.58	11.56	0.47	-0.87	5.35	4.38	2.32	-0.13	0.63	-0.82
MRFBM1CB26P5_COS		-4490.77	-762.15	-1.71	72.82	-6.86	-12.14	-7.48	-11.95	-0.93	-0.91	6.21	-0.12	-0.04	-0.19	-3.58	0.13
MRFBM1CB26P5_SIN		0.00	-248.65	5.04	-13.18	-12.77	-10.59	-1.92	-11.00	-5.03	-1.76	-5.18	3.93	1.44	1.18	3.33	-2.96
MRFBM1FB9_COS		299.27	109.21	104.83	-103.28	12.50	13.71	7.06	9.54	-0.62	-1.74	-4.24	0.56	0.57	0.64	2.09	-1.19
MRFBM1FB9_SIN		0.00	-2.68	20.18	-83.91	15.02	-13.72	-1.95	9.72	3.44	1.25	0.60	-2.82	-1.47	-0.70	-1.17	2.04
MRFBM1TOR26P5_COS		-353.44	82.50	-0.36	0.42	-0.27	-0.01	0.51	-0.09	0.20	0.11	-0.10	0.02	0.03	0.00	0.14	0.05
MRFBM1TOR26P5_SIN		0.00	-100.54	0.35	0.13	0.17	-0.20	0.71	0.06	0.12	-0.01	0.05	-0.17	0.02	0.05	0.00	-0.03

RUN	POINT	Harmonics															
48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1175.50	-1609.17	10.95	237.49	-17.58	-48.17	-41.18	-92.50	12.38	21.52	34.76	9.00	-5.20	-2.63	-17.81	-3.79
MRPC1CB33P25_SIN		0.00	-275.37	-20.93	27.33	10.38	18.12	30.99	-44.59	-35.52	-16.17	-43.57	46.95	17.82	11.67	31.49	-26.37
MRPC1FB33P25_COS		2222.24	240.28	-301.48	404.91	-97.59	-71.49	-110.29	-194.32	-36.35	-1.50	92.79	22.09	7.58	1.74	-49.58	-16.44
MRPC1FB33P25_SIN		0.00	211.80	-67.86	188.34	-140.49	151.56	28.53	-114.90	-56.01	-47.69	-52.41	71.52	35.89	28.57	70.03	-73.18
MRPC1TOR25P5_COS		-683.86	-50.91	-122.13	-67.29	11.29	12.74	-32.67	12.74	-9.38	-2.14	13.13	1.49	-7.74	-5.58	-9.93	-6.34
MRPC1TOR25P5_SIN		0.00	388.81	-65.92	-24.55	-3.05	1.51	-29.72	-32.56	-2.26	9.36	-1.52	15.78	1.02	-0.34	-1.56	2.51
MRPLK1LOAD_COS		-70.13	-0.85	-11.30	-8.57	2.20	2.19	-4.26	3.09	-1.12	-0.75	1.82	-0.22	-0.98	-0.82	-1.81	-1.00
MRPLK1LOAD_SIN		0.00	21.92	-4.66	-4.47	0.30	-0.09	-4.20	-3.62	-0.09	1.11	0.01	2.13	-0.11	-0.28	-1.00	0.95
PITCHRH_COS		6203.95	-8933.27	-242.12	-42.42	-32.80	-1006.31	-38.47	-32.74	103.09	5.12	77.08	-45.00	-27.70	12.91	13.11	-157.64
PITCHRH_SIN		0.00	2742.48	-625.69	4.54	-5.52	-251.83	56.53	175.11	78.99	6.61	0.17	8.59	25.82	28.20	7.38	268.32
ROLLRH_COS		1275.64	-2155.91	643.94	-52.04	-99.20	525.53	-122.10	-4.15	50.33	29.05	310.10	-30.19	-32.78	-10.24	-58.31	-555.89
ROLLRH_SIN		0.00	-8820.56	-375.94	-10.86	104.90	-83.10	-196.46	38.23	-70.61	68.70	-100.00	-20.72	-16.56	-39.83	-24.26	-93.21
TORQ_COS		31141.65	446.09	10.60	7.63	-66.18	88.14	-0.56	22.36	-5.11	-2.52	-1.30	2.20	4.87	-2.58	-2.22	-8.15
TORQ_SIN		0.00	544.88	-18.31	26.64	-95.24	116.86	-1.10	31.02	4.18	-3.55	14.12	2.61	-6.37	7.06	-7.40	-7.89
THRUST_COS		5573.26	-56.91	11.17	16.76	8.76	31.99	1.94	18.66	-3.37	-6.03	-29.38	2.41	3.52	0.55	1.46	25.63
THRUST_SIN		0.00	-86.23	11.18	7.70	31.40	-81.23	4.73	5.42	-2.99	-0.08	34.32	-3.79	0.23	0.09	-7.33	34.59

RUN	POINT	Harmonics															
48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.66	-5.38	-15.17	-4.16	-18.61	-14.80	6.02	-0.53	0.58	-1.97	-13.30	1.84	1.32	0.30	1.23	15.81
SIDERH_SIN		0.00	234.27	10.62	2.55	-62.38	14.57	10.53	-1.57	0.97	-2.57	5.04	1.84	0.60	1.39	0.64	2.65
DRAGRH_COS		-181.35	245.32	10.91	-0.63	-16.24	-11.87	-10.81	-3.98	-2.15	-0.70	3.34	4.30	1.10	-0.63	-2.22	8.20
DRAGRH_SIN		0.00	-69.67	21.14	-1.34	2.57	-71.32	-28.15	0.55	0.97	-4.89	-0.56	-3.02	-1.23	-1.12	-1.72	-12.21

RUN	POINT	Harmonics															
48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.04	0.01	0.00	0.00	0.00	-0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	2.98	0.00	0.00	0.00	0.00	0.01	0.03	-0.01	0.00	-0.01	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-8.05	-6.23	-1.55	-2.05	-2.43	-0.54	-0.26	0.37	-0.07	0.37	0.38	0.15	0.13	0.17	0.06	0.09
ACT1FORCE_SIN		0.00	18.49	1.24	3.60	-0.22	-0.47	-0.21	0.63	0.09	-0.06	-0.24	0.20	0.18	0.30	-0.06	0.02
FA1IBCURRENT_COS		0.00	0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.35	162.12	14.36	17.28	18.11	7.22	-0.04	-0.11	0.03	0.03	0.02	-0.06	-0.03	-0.06	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	368.65	-12.44	-25.29	4.38	4.93	-0.02	0.01	0.04	0.11	0.07	0.02	0.03	0.02	0.01	-0.01
FA1OBCURRENT_COS		0.02	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.61	-163.12	-14.33	-17.08	-18.09	-7.19	0.13	0.11	-0.04	-0.02	-0.01	0.06	0.02	0.06	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	-369.53	13.31	25.35	-4.57	-4.85	0.06	-0.04	-0.05	-0.11	-0.08	-0.03	-0.03	-0.01	-0.01	0.02
MRBLD1CB42P75_COS		-3347.66	-1881.67	79.38	214.18	23.19	-62.88	-46.13	-92.70	56.92	44.42	41.97	36.83	-8.89	-8.02	-18.88	3.55
MRBLD1CB42P75_SIN		0.00	-499.38	-24.82	92.91	84.77	25.78	52.52	-90.94	-18.92	-17.55	-73.30	87.28	35.70	8.13	25.65	-24.90

RUN	POINT	Harmonics															
48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2862.37	-1177.87	275.80	141.85	81.00	-44.98	6.18	-61.93	43.09	41.93	12.26	28.85	-2.96	-5.09	-10.38	-2.92
MRBLD1CB70_SIN		0.00	-330.36	-45.84	119.76	198.33	40.63	45.90	-37.84	-17.55	-18.84	-41.71	48.94	20.50	3.06	21.13	-24.45
MRBLD1CB120_COS		-552.14	-494.30	367.12	147.26	86.68	2.81	62.08	-11.09	-31.86	-19.97	-1.92	-9.19	11.48	8.81	-2.47	-0.84
MRBLD1CB120_SIN		0.00	-97.25	-111.08	34.43	139.65	65.90	17.39	7.81	5.03	4.78	37.33	-32.91	-8.11	0.89	-1.84	-4.56
MRBLD1CB164_COS		-1952.21	-153.10	114.95	39.13	-1.01	10.70	54.61	20.17	-40.38	-28.61	6.90	-8.19	11.09	8.22	6.64	-2.82
MRBLD1CB164_SIN		0.00	58.95	-41.50	29.25	52.39	19.78	-12.45	29.65	-1.15	-0.71	31.85	-20.63	-1.41	0.73	-10.76	16.59
MRBLD1FB42P75_COS		2892.58	357.32	-317.10	528.79	-141.41	5.59	-119.27	-286.86	-43.43	-15.99	51.24	98.21	43.17	19.25	12.82	-48.82
MRBLD1FB42P75_SIN		0.00	66.01	4.55	142.04	-183.70	202.27	89.30	-125.96	-12.27	-24.11	-130.75	48.82	26.14	10.85	59.57	-36.03
MRBLD1FB70_COS		402.41	6.48	-154.69	151.67	-49.35	3.62	-12.50	-42.01	6.56	4.33	0.38	-0.45	-1.75	-3.47	-3.39	10.75
MRBLD1FB70_SIN		0.00	-204.49	28.94	40.15	-68.90	43.29	24.40	-18.40	1.00	3.92	1.61	1.12	1.43	0.56	-12.71	6.34
MRBLD1FB87_COS		-68.44	34.87	-137.97	46.65	-49.41	-17.12	-0.50	24.99	8.33	5.73	-7.12	-22.76	-7.44	-2.64	-4.52	6.38
MRBLD1FB87_SIN		0.00	-186.14	53.61	56.96	-22.40	9.79	-1.16	8.49	-3.22	2.58	31.08	-12.20	-6.74	-0.89	-10.00	9.20
MRBLD1FB120_COS		-458.11	40.02	-223.13	24.82	-21.97	-11.28	16.38	59.55	-8.17	-9.11	-1.81	8.74	3.50	2.97	6.13	-11.25
MRBLD1FB120_SIN		0.00	-182.86	81.56	119.66	52.61	-34.98	-37.10	22.92	0.69	-3.98	-10.21	6.16	1.89	-2.42	13.44	-14.27
MRBLD1FB164_COS		-249.33	80.75	-247.94	94.28	158.14	45.98	-11.74	-75.56	9.21	6.25	0.44	-12.95	-2.19	5.61	4.09	5.19
MRBLD1FB164_SIN		0.00	-498.21	95.29	83.07	120.18	-31.86	33.60	-41.01	0.48	7.95	20.00	-12.93	-7.32	-1.06	-6.59	11.35

RUN	POINT	Harmonics															
48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-291.77	17.16	-102.93	29.68	112.41	59.59	-25.64	-85.73	16.80	4.30	-23.09	-35.28	7.58	12.01	4.47	-16.94
MRBLD1FB180_SIN		0.00	-430.69	66.20	36.39	37.02	-27.06	57.15	-16.62	-22.51	-15.74	60.75	-16.88	-15.63	-11.79	18.71	-11.90
MRBLD1TOR51_COS		-1520.55	83.92	102.04	66.39	-13.50	-25.37	21.86	-25.58	7.42	2.28	-7.35	-1.10	5.42	4.95	-1.81	2.40
MRBLD1TOR51_SIN		0.00	-441.85	31.14	55.61	-5.62	9.97	31.30	5.38	-0.42	-11.48	-1.46	-7.80	-1.39	1.22	3.87	-7.65
MRBLD1TOR71_COS		-369.01	104.16	85.75	44.27	-6.15	-16.30	25.61	-14.64	5.98	-0.77	-9.94	-2.40	4.69	4.92	-1.23	0.81
MRBLD1TOR71_SIN		0.00	-416.01	24.57	33.00	-5.44	3.97	28.52	17.17	3.80	-7.15	2.84	-8.97	-2.52	0.81	2.15	-3.63
MRBLD1TOR130_COS		-142.62	90.02	106.76	24.89	6.30	-11.82	18.83	-13.43	5.17	-1.69	4.84	0.79	0.76	-0.90	-3.63	-4.17
MRBLD1TOR130_SIN		0.00	-414.65	15.08	18.18	10.96	3.36	21.72	7.58	5.07	-0.33	0.60	11.73	4.93	2.15	-0.35	3.39
MRBLD1TOR164_COS		-287.73	46.91	114.90	-5.17	-2.88	-13.22	1.54	-3.29	7.08	1.48	-1.96	-0.98	0.67	1.65	-1.95	-3.62
MRBLD1TOR164_SIN		0.00	-275.85	2.44	-10.33	-19.41	16.37	16.96	7.36	-1.04	-1.44	6.25	5.56	2.58	-0.17	0.89	-0.55
MRFBM1CB26P5_COS		-4417.32	-824.04	0.92	67.83	-9.28	-7.38	-12.82	-11.21	0.47	-0.43	9.02	0.92	-0.30	0.38	-3.43	0.87
MRFBM1CB26P5_SIN		0.00	-334.55	6.46	-8.06	-10.40	-9.40	-0.21	-14.59	-1.23	-1.14	-6.66	5.37	2.27	1.42	1.54	-2.42
MRFBM1FB9_COS		221.84	205.14	97.54	-105.32	8.75	13.31	7.68	6.78	-0.98	-1.62	-5.02	0.26	0.64	0.55	1.75	-1.49
MRFBM1FB9_SIN		0.00	23.96	9.21	-93.58	19.30	-15.73	-2.77	15.40	1.85	0.61	0.84	-4.27	-1.99	-0.52	-0.79	1.57
MRFBM1TOR26P5_COS		-353.96	83.15	-0.14	0.37	-0.33	-0.14	0.63	-0.01	0.21	0.12	-0.12	0.05	0.01	-0.01	0.13	0.10
MRFBM1TOR26P5_SIN		0.00	-101.74	0.48	0.17	0.10	-0.24	0.86	-0.03	0.12	-0.06	0.08	-0.29	0.00	0.01	-0.06	-0.03

RUN	POINT	Harmonics															
48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1123.80	-1687.50	16.52	230.08	-12.30	-47.07	-47.83	-85.70	27.50	21.22	41.12	28.81	-1.34	-2.45	-17.59	3.59
MRPC1CB33P25_SIN		0.00	-377.08	-20.14	44.77	8.32	27.41	34.92	-87.23	-17.97	-15.43	-56.56	64.26	27.46	9.00	22.19	-25.07
MRPC1FB33P25_COS		2165.29	272.67	-294.15	416.03	-76.51	-55.15	-126.85	-174.08	-24.46	4.66	113.24	39.82	9.66	2.16	-46.31	1.80
MRPC1FB33P25_SIN		0.00	240.50	-55.18	214.34	-175.29	168.90	25.19	-215.88	-31.62	-26.78	-67.42	99.24	48.80	23.17	49.64	-64.46
MRPC1TOR25P5_COS		-640.48	-53.07	-166.44	-58.92	12.17	15.52	-35.38	16.58	-7.54	-0.93	16.16	4.17	-8.76	-6.20	-9.06	-9.42
MRPC1TOR25P5_SIN		0.00	515.85	-75.00	-36.37	2.45	1.77	-36.03	-18.21	-3.17	11.00	-3.19	24.07	5.78	0.78	0.47	2.21
MRPLK1LOAD_COS		-64.18	-1.91	-16.62	-7.55	2.30	2.71	-4.72	3.48	-1.05	-0.64	2.15	-0.11	-1.00	-0.87	-1.67	-1.78
MRPLK1LOAD_SIN		0.00	38.16	-6.18	-5.88	1.08	-0.12	-4.97	-1.47	-0.26	1.34	-0.21	3.53	0.49	0.07	-0.33	0.82
PITCHRH_COS		4420.38	-8925.95	-143.06	-62.09	-15.32	-978.12	47.45	-16.54	170.72	-11.11	134.92	-64.85	-34.26	66.45	26.46	-180.27
PITCHRH_SIN		0.00	2686.41	-703.79	-20.15	-69.69	-432.33	77.17	102.32	92.52	59.00	103.43	23.11	1.04	25.14	-5.31	215.40
ROLLRH_COS		752.94	-2052.28	691.17	0.84	-122.66	827.41	-64.34	-29.70	66.14	19.87	315.92	-55.74	-23.08	-6.18	-98.56	-486.90
ROLLRH_SIN		0.00	-8788.73	-227.64	51.50	73.97	124.86	-220.87	48.53	-29.25	54.76	-70.13	-13.83	-21.97	-73.53	-22.97	-149.00
TORQ_COS		32133.06	427.23	10.52	25.34	-75.97	91.27	-3.57	21.37	-14.18	-4.47	-7.72	-1.73	2.34	-4.28	-1.27	-7.12
TORQ_SIN		0.00	538.02	-12.57	16.14	-129.10	116.49	-5.51	26.31	-8.42	-1.02	17.15	7.20	-5.52	2.94	-7.87	-8.70
THRUST_COS		5343.15	-48.26	14.76	19.75	6.62	20.72	0.78	14.93	-5.16	-7.38	-34.44	2.77	1.95	-2.41	5.15	16.87
THRUST_SIN		0.00	-103.00	4.81	-5.09	33.30	-85.91	7.34	2.61	0.53	-1.33	40.26	-1.54	1.36	2.35	-7.62	31.51

RUN	POINT	Harmonics															
48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.82	-13.87	-16.47	-2.87	-0.35	-42.11	6.70	-0.01	-1.37	-1.73	-14.32	2.81	0.87	0.01	2.55	14.13
SIDERH_SIN		0.00	236.23	10.04	5.30	-62.95	23.56	12.26	-2.36	0.34	-2.18	4.65	1.70	0.97	2.13	0.48	4.39
DRAGRH_COS		-198.09	247.54	12.50	-1.00	-18.21	-12.23	-3.38	-4.90	-2.45	0.81	0.05	4.46	1.65	-2.93	-2.83	9.68
DRAGRH_SIN		0.00	-69.22	24.03	-1.67	-4.81	-97.92	-34.74	1.85	3.82	-6.91	-10.89	-3.97	-1.18	0.52	-0.90	-10.14

RUN	POINT	Harmonics															
48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	-0.99	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.68	6.80	1.67	-4.43	-3.54	-1.19	0.17	0.97	0.25	-0.19	-0.13	0.13	0.36	0.30	-0.02	-0.09
ACT1FORCE_SIN		0.00	12.02	1.84	2.39	0.18	-0.41	-0.44	-0.39	0.35	0.07	-0.03	0.04	-0.13	0.05	-0.07	0.09
FA1IBCURRENT_COS		-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		383.25	-101.12	-21.36	32.48	25.97	5.08	-0.04	-0.01	-0.04	-0.01	0.03	-0.02	0.00	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-270.17	-8.92	-13.79	-0.48	3.41	0.09	0.04	-0.05	-0.03	0.01	0.02	0.04	0.05	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		422.51	101.48	21.58	-32.42	-26.13	-5.21	-0.02	-0.01	0.04	0.02	-0.03	0.02	0.00	0.02	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	270.69	9.21	13.93	0.61	-3.40	-0.10	-0.06	0.03	0.02	-0.01	-0.02	-0.04	-0.04	0.02	-0.01
MRBLD1CB42P75_COS		-3469.13	-1211.65	-16.72	253.84	-57.13	-75.57	-30.97	-153.55	34.94	33.60	-21.19	-2.69	-7.47	-11.71	-31.26	-4.22
MRBLD1CB42P75_SIN		0.00	67.31	-28.53	50.74	186.81	-35.37	0.22	54.64	-63.76	3.97	-74.71	44.93	12.13	7.36	19.35	-20.84

RUN	POINT	Harmonics															
48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2787.10	-754.25	269.40	144.86	-39.95	-60.39	-65.18	-103.33	22.62	32.24	-18.34	0.14	-1.93	-5.80	-22.47	-3.18
MRBLD1CB70_SIN		0.00	83.72	-56.02	93.08	322.06	-8.32	60.35	68.13	-32.25	9.05	-66.89	25.23	4.43	3.26	12.91	-21.72
MRBLD1CB120_COS		-549.56	-326.18	415.82	136.12	-24.52	-11.73	-65.15	-39.01	-34.71	-1.04	36.55	6.55	6.44	7.68	0.68	2.76
MRBLD1CB120_SIN		0.00	172.32	-152.17	12.15	315.65	4.84	89.33	51.04	1.87	-12.61	50.06	-15.79	0.73	0.08	-3.64	-8.58
MRBLD1CB164_COS		-1955.40	-105.37	138.46	31.61	-49.91	-0.08	-15.31	38.77	-33.41	-10.55	28.68	5.87	6.27	5.79	12.06	-3.27
MRBLD1CB164_SIN		0.00	83.04	-54.35	16.00	131.38	16.68	32.84	-4.76	4.07	-27.40	59.57	-7.39	6.04	1.44	-6.42	16.81
MRBLD1FB42P75_COS		3054.78	142.86	-435.47	511.90	-121.73	-108.54	-70.49	-308.22	-117.87	-34.15	56.74	42.67	25.42	11.78	-5.51	-59.54
MRBLD1FB42P75_SIN		0.00	-16.83	-13.22	81.92	246.53	35.43	2.34	210.07	-114.58	-91.76	-45.37	26.48	13.78	15.66	69.84	-30.77
MRBLD1FB70_COS		426.83	-1.46	-209.60	148.52	-51.62	-27.55	-6.02	-43.93	-4.87	3.13	-1.47	-0.74	-1.64	-2.09	2.14	14.25
MRBLD1FB70_SIN		0.00	-207.94	18.14	20.31	65.64	-7.13	1.63	47.11	-9.31	1.78	3.18	2.52	1.56	-1.53	-15.25	6.53
MRBLD1FB87_COS		-68.30	26.67	-170.13	46.56	-51.06	-25.87	-4.91	30.72	18.39	10.51	-3.87	-7.79	-3.10	-2.12	-1.65	8.55
MRBLD1FB87_SIN		0.00	-211.27	44.03	53.16	33.25	-1.29	-4.18	-19.62	12.13	11.93	11.75	-5.46	-1.38	-0.78	-13.42	5.93
MRBLD1FB120_COS		-484.76	30.47	-248.98	4.56	-17.54	4.59	7.07	61.39	7.82	-9.62	-8.10	1.61	3.59	2.99	1.30	-13.00
MRBLD1FB120_SIN		0.00	-278.52	94.13	128.49	25.76	13.04	-12.35	-67.43	13.61	-2.09	-8.46	-1.19	-4.70	-1.45	19.90	-9.68
MRBLD1FB164_COS		-132.48	54.31	-378.60	49.82	138.16	73.76	14.88	-98.21	-13.00	11.88	6.01	-2.05	-2.42	-1.34	1.27	5.20
MRBLD1FB164_SIN		0.00	-251.16	97.04	172.29	-20.52	-18.49	10.79	85.53	-27.21	0.94	16.07	-1.07	-1.37	1.45	-7.51	4.10

RUN	POINT	Harmonics															
48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-183.00	0.01	-225.39	23.36	110.24	44.63	-13.56	-89.87	12.44	19.67	-17.15	-15.20	7.69	8.91	-2.98	-18.56
MRBLD1FB180_SIN		0.00	-139.37	58.26	81.42	-5.75	-12.28	2.21	82.53	-21.59	-4.02	21.07	-2.87	-1.47	-5.63	20.66	-10.18
MRBLD1TOR51_COS		-1366.46	58.66	-60.65	75.50	-10.22	-22.49	-5.59	-28.54	11.00	5.53	-6.67	-2.45	2.59	1.62	-4.71	1.58
MRBLD1TOR51_SIN		0.00	37.95	1.32	14.27	17.69	-5.01	-7.65	58.32	1.83	-2.94	-3.48	-4.15	0.23	1.32	2.30	-8.45
MRBLD1TOR71_COS		-228.82	73.09	-65.36	52.73	1.35	-11.46	1.07	-10.63	9.30	2.51	-6.76	-2.56	2.48	3.30	-3.08	0.32
MRBLD1TOR71_SIN		0.00	29.59	-3.29	-1.36	0.00	-2.30	-3.03	53.74	10.68	1.14	0.03	-3.92	-0.98	0.57	1.20	-4.46
MRBLD1TOR130_COS		-0.74	63.85	-43.40	27.56	17.01	-7.12	2.25	-14.09	5.87	3.22	2.16	-1.23	0.06	0.20	-2.17	-3.40
MRBLD1TOR130_SIN		0.00	48.81	-5.03	-8.22	-5.07	3.06	2.02	43.41	3.66	0.52	5.21	8.51	3.11	0.55	-0.67	4.60
MRBLD1TOR164_COS		-198.70	31.90	27.85	4.22	-6.75	-17.28	-4.36	0.16	6.04	3.77	0.77	0.31	2.06	3.11	-2.33	-3.44
MRBLD1TOR164_SIN		0.00	59.49	-11.00	-30.80	-1.88	-1.00	3.88	24.03	5.30	-0.86	3.19	5.88	3.21	0.10	0.39	-0.58
MRFBM1CB26P5_COS		-4536.20	-483.04	-47.56	89.48	4.65	-5.98	7.09	-16.64	0.74	0.09	2.07	0.28	-0.48	-0.59	-3.81	-0.64
MRFBM1CB26P5_SIN		0.00	-24.56	6.17	-22.80	-22.27	-11.46	-17.47	-3.13	-12.71	-3.59	2.47	2.41	1.77	1.02	1.97	-3.25
MRFBM1FB9_COS		416.84	-175.14	180.70	-103.63	31.71	14.10	6.80	20.28	-1.63	-2.34	-2.48	0.53	0.40	0.80	2.13	-1.09
MRFBM1FB9_SIN		0.00	-43.79	28.32	-75.68	-30.87	3.36	7.10	2.51	7.00	1.84	0.74	-1.86	-1.15	-0.36	0.02	1.82
MRFBM1TOR26P5_COS		-352.46	79.79	-1.03	0.30	-0.28	0.01	-0.11	-0.09	0.20	-0.05	-0.10	0.02	0.02	-0.01	0.14	0.12
MRFBM1TOR26P5_SIN		0.00	-98.05	0.02	-0.16	-0.04	-0.36	-0.04	0.23	0.24	0.11	-0.11	-0.18	-0.02	0.07	-0.03	-0.04

RUN	POINT	Harmonics															
48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1181.76	-1113.10	-92.29	278.41	-47.84	-60.70	-16.28	-139.36	13.81	21.15	-1.06	1.23	-3.04	-7.26	-28.95	-3.72
MRPC1CB33P25_SIN		0.00	68.94	-3.70	-4.12	101.63	-30.11	-17.88	34.64	-69.21	-13.69	-36.74	34.26	11.97	8.50	17.99	-23.63
MRPC1FB33P25_COS		2301.55	84.00	-370.99	407.89	-162.02	-100.67	-57.12	-325.94	-35.86	23.69	67.00	14.19	7.76	-4.48	-66.99	-8.36
MRPC1FB33P25_SIN		0.00	133.82	-86.29	164.93	184.50	-0.50	-23.60	39.03	-143.24	-85.59	-3.92	46.40	27.24	20.35	39.16	-71.74
MRPC1TOR25P5_COS		-799.89	-46.09	23.19	-70.54	-0.02	11.71	1.01	14.24	-13.04	-1.82	9.49	2.98	-4.26	-1.20	-7.69	-8.48
MRPC1TOR25P5_SIN		0.00	1.07	-57.79	10.60	-9.00	6.80	8.16	-64.78	-11.21	-0.02	1.02	12.28	-0.60	-0.56	0.33	2.65
MRPLK1LOAD_COS		-85.45	2.92	5.74	-8.80	0.39	2.32	0.40	3.48	-1.54	-0.26	1.72	-0.17	-0.57	-0.09	-1.54	-1.65
MRPLK1LOAD_SIN		0.00	-26.42	-2.52	-0.10	-1.62	1.56	1.04	-8.29	-1.07	-0.24	0.74	1.95	-0.27	-0.29	-0.48	0.85
PITCHRH_COS		12197.66	-8984.97	-609.06	-39.59	-41.28	-188.47	-29.89	-32.17	145.79	-74.78	45.86	-8.75	13.68	-2.50	-7.61	-288.54
PITCHRH_SIN		0.00	2765.93	-679.41	119.75	-65.20	778.50	55.89	77.82	35.03	-66.27	-279.56	70.12	18.16	69.48	-3.15	224.92
ROLLRH_COS		2526.95	-2244.52	747.19	-103.31	-88.95	-1515.49	-198.28	15.09	133.65	87.40	266.57	-83.59	-17.36	16.68	-6.17	-580.24
ROLLRH_SIN		0.00	-8827.91	-725.39	-22.66	63.98	308.18	-77.27	-63.18	7.15	-39.89	9.79	-23.53	51.92	-26.23	-38.12	-188.29
TORQ_COS		30877.27	459.48	5.31	-0.62	-90.48	59.09	-3.05	12.21	-20.19	-1.18	11.42	0.55	2.87	-2.22	-3.42	2.22
TORQ_SIN		0.00	614.68	-18.81	9.44	-83.40	54.38	6.85	23.28	14.93	-7.17	-16.96	2.37	-9.43	7.18	-8.49	-14.53
THRUST_COS		5918.36	-46.71	2.19	7.87	18.04	38.87	5.57	12.29	-1.58	-1.38	-19.25	-1.15	3.23	-0.71	3.44	17.86
THRUST_SIN		0.00	-81.55	4.07	8.72	30.83	-14.82	2.40	12.54	-2.81	1.27	9.99	-4.86	-1.54	0.17	-3.45	35.78

RUN	POINT	Harmonics															
48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.98	4.78	-14.23	-2.71	-14.43	81.82	16.62	-3.34	-3.13	-4.14	-11.34	4.57	0.69	-0.68	-0.22	17.24
SIDERH_SIN		0.00	223.43	15.60	2.02	-36.84	-111.82	6.10	1.35	-0.52	2.43	-0.36	1.20	-1.64	1.01	0.85	5.70
DRAGRH_COS		-122.38	242.77	14.87	-1.42	-4.55	60.63	-18.09	0.50	-1.74	2.48	3.03	0.15	-1.45	-0.20	-0.20	12.98
DRAGRH_SIN		0.00	-70.84	11.31	-2.24	8.88	98.49	-16.59	3.24	3.08	3.54	14.58	-6.98	0.73	-2.15	-1.04	-10.82

RUN	POINT	Harmonics															
48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-0.03	0.00	0.00	0.00	0.00	0.02	0.03	0.00	-0.01	0.00	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	-1.99	0.00	0.00	0.00	0.00	-0.02	-0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-13.82	8.32	2.56	-4.76	-3.51	-0.94	0.18	1.20	0.32	-0.25	-0.17	0.14	0.38	0.39	-0.04	-0.09
ACT1FORCE_SIN		0.00	8.79	2.01	2.62	0.76	-0.38	-0.38	-0.93	0.56	0.06	0.34	0.03	0.01	-0.04	-0.03	0.09
FA1IBCURRENT_COS		-0.01	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.48	-149.69	-23.87	31.40	23.22	1.26	0.16	0.01	-0.24	-0.11	0.00	0.09	0.05	-0.03	-0.13	-0.11
FA1IBVOLTAGE_SIN		0.00	-389.51	-5.84	-13.18	-4.48	3.63	0.13	0.09	0.16	0.30	0.32	0.21	0.07	0.06	0.04	0.15
FA1OBCURRENT_COS		0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.43	150.35	24.16	-31.37	-23.59	-1.51	-0.16	-0.01	0.23	0.08	-0.04	-0.12	-0.06	0.03	0.12	0.10
FA1OBVOLTAGE_SIN		0.00	390.34	6.70	13.40	4.61	-3.62	-0.20	-0.14	-0.18	-0.31	-0.32	-0.20	-0.07	-0.07	-0.06	-0.17
MRBLD1CB42P75_COS		-3446.56	-987.54	-36.31	264.35	-85.10	-93.69	-24.81	-208.19	40.19	22.21	-9.01	-13.52	-2.31	-7.02	-27.81	-13.03
MRBLD1CB42P75_SIN		0.00	195.31	-43.64	35.86	212.96	-41.56	-11.60	93.21	-82.78	2.09	-14.97	12.78	1.91	5.70	20.38	-24.93

RUN	POINT	Harmonics															
48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2798.96	-613.04	269.34	145.26	-78.99	-84.63	-77.09	-142.59	25.76	16.75	4.52	-9.42	0.85	-2.51	-21.94	-10.32
MRBLD1CB70_SIN		0.00	182.59	-69.68	78.84	350.10	-6.92	69.55	103.04	-39.41	9.25	-27.62	6.69	-0.22	3.02	13.98	-21.72
MRBLD1CB120_COS		-541.58	-271.08	427.72	131.02	-59.03	-30.38	-90.37	-63.22	-38.59	5.67	27.24	12.38	5.41	7.45	1.50	2.43
MRBLD1CB120_SIN		0.00	245.03	-169.12	2.04	358.72	2.13	116.06	77.13	7.97	-8.31	18.30	-2.41	4.61	0.99	-1.12	-9.12
MRBLD1CB164_COS		-1964.75	-90.80	150.35	29.13	-62.75	-8.22	-29.55	46.61	-37.70	2.54	11.75	12.52	5.49	5.03	12.78	-0.63
MRBLD1CB164_SIN		0.00	81.46	-58.12	13.37	149.78	19.47	50.45	-8.25	11.12	-22.99	26.97	2.09	7.02	1.27	-7.49	18.42
MRBLD1FB42P75_COS		3077.81	76.59	-473.37	505.21	-118.47	-125.19	-61.98	-381.18	-122.21	-17.94	45.18	20.82	24.79	17.53	12.05	-78.52
MRBLD1FB42P75_SIN		0.00	-34.26	-16.90	74.44	356.17	-6.31	-17.81	338.79	-143.19	-106.45	-0.39	-0.76	-0.21	7.38	66.95	-21.05
MRBLD1FB70_COS		432.07	-2.88	-224.45	147.41	-52.16	-32.91	-3.98	-56.29	-5.77	3.33	-0.23	-1.13	-1.91	-3.22	-1.43	18.48
MRBLD1FB70_SIN		0.00	-209.85	15.96	17.53	100.41	-17.32	-2.74	72.77	-12.10	1.73	4.58	3.38	2.39	-0.42	-14.65	4.71
MRBLD1FB87_COS		-67.38	24.90	-179.24	47.07	-51.36	-28.16	-6.17	37.81	17.83	7.35	-4.05	-2.09	-2.71	-3.07	-5.59	12.11
MRBLD1FB87_SIN		0.00	-219.39	41.71	52.11	46.85	-4.28	-5.59	-30.77	16.09	13.06	-0.39	0.75	1.74	1.27	-13.02	3.53
MRBLD1FB120_COS		-487.65	26.60	-257.79	2.46	-15.24	8.01	4.21	79.66	10.83	-8.43	-8.09	-1.24	2.22	3.46	6.84	-18.09
MRBLD1FB120_SIN		0.00	-304.51	97.60	130.18	16.86	22.37	-6.34	-102.52	17.48	-0.76	-4.83	-4.40	-6.27	-2.95	18.86	-7.33
MRBLD1FB164_COS		-97.73	49.11	-420.89	43.58	130.48	78.78	17.07	-128.30	-17.15	10.54	5.51	2.27	-1.58	-1.80	-1.43	7.47
MRBLD1FB164_SIN		0.00	-183.29	96.10	195.39	-54.72	-18.88	4.28	131.54	-33.62	-2.09	8.45	2.35	-0.97	3.92	-5.79	1.72

RUN	POINT	Harmonics															
48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-153.84	-3.14	-261.04	24.61	106.54	40.61	-12.95	-112.82	11.83	18.02	-17.50	-4.66	7.57	11.36	5.63	-23.33
MRBLD1FB180_SIN		0.00	-59.76	54.51	94.15	-17.23	-11.05	-12.77	120.74	-22.68	-5.52	-7.81	6.62	0.72	-8.60	17.66	-5.29
MRBLD1TOR51_COS		-1328.03	52.78	-104.05	79.13	-11.39	-23.13	-10.41	-45.14	14.80	6.16	-3.00	-2.14	2.35	3.05	-2.22	-0.47
MRBLD1TOR51_SIN		0.00	160.80	-9.14	5.64	23.76	-4.94	-19.09	76.23	1.69	-2.11	-5.39	-2.04	0.49	1.06	5.00	-6.49
MRBLD1TOR71_COS		-193.56	65.40	-105.56	56.08	1.91	-11.10	-3.05	-20.46	12.21	2.91	-3.28	-2.27	1.95	4.22	-1.05	-0.67
MRBLD1TOR71_SIN		0.00	144.15	-12.36	-8.40	1.84	-0.51	-12.45	66.89	12.26	2.25	-3.76	-0.51	-0.17	0.45	2.77	-3.35
MRBLD1TOR130_COS		35.36	58.27	-82.62	30.54	18.52	-6.80	-0.02	-24.51	7.66	4.72	0.39	-1.12	0.98	0.73	-2.42	-2.51
MRBLD1TOR130_SIN		0.00	167.50	-12.48	-13.43	-8.33	5.10	-4.38	55.83	2.94	1.06	6.03	6.32	2.85	0.60	-2.26	3.37
MRBLD1TOR164_COS		-173.68	29.22	5.32	7.31	-8.12	-18.79	-4.59	-1.87	6.11	3.50	0.86	0.50	2.33	3.54	-1.84	-3.47
MRBLD1TOR164_SIN		0.00	146.27	-15.72	-35.79	2.97	-3.04	0.00	30.06	6.08	-0.39	0.57	5.80	2.86	0.39	-0.66	-2.90
MRFBM1CB26P5_COS		-4528.09	-379.04	-57.58	94.76	7.00	-6.03	11.15	-21.14	1.32	1.98	-2.09	0.62	0.66	-0.09	-2.60	-1.29
MRFBM1CB26P5_SIN		0.00	34.23	1.90	-25.79	-23.89	-13.37	-22.71	-1.95	-16.75	-3.95	5.24	0.49	0.84	1.10	2.96	-4.51
MRFBM1FB9_COS		453.35	-273.52	204.94	-103.15	37.60	14.22	6.87	28.35	-2.27	-2.62	-1.35	0.14	0.02	0.59	2.08	-0.67
MRFBM1FB9_SIN		0.00	-49.93	36.11	-71.74	-42.80	7.81	9.48	-0.10	7.77	1.78	-0.60	-0.64	-0.78	-0.41	-0.35	2.49
MRFBM1TOR26P5_COS		-352.13	78.71	-1.23	0.30	-0.30	0.01	-0.24	-0.20	0.22	-0.07	-0.02	0.04	-0.01	0.00	0.14	0.09
MRFBM1TOR26P5_SIN		0.00	-97.23	0.02	-0.29	-0.10	-0.37	-0.28	0.36	0.23	0.11	-0.14	-0.13	-0.02	0.02	0.04	0.03

RUN	POINT	Harmonics															
48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1164.33	-908.70	-115.59	290.44	-61.99	-71.79	-7.25	-187.35	18.00	19.70	-1.56	-4.74	1.16	-2.71	-24.40	-13.24
MRPC1CB33P25_SIN		0.00	177.21	-13.65	-16.87	125.66	-40.11	-31.62	67.81	-88.77	-14.98	1.74	10.51	4.29	6.46	21.31	-28.37
MRPC1FB33P25_COS		2318.36	25.64	-396.72	401.42	-184.83	-103.55	-43.35	-433.89	-27.00	42.18	34.04	14.80	17.70	6.09	-53.99	-27.83
MRPC1FB33P25_SIN		0.00	109.85	-93.71	156.97	275.00	-38.88	-36.51	110.18	-167.38	-89.47	23.94	12.34	16.93	19.12	52.43	-83.61
MRPC1TOR25P5_COS		-838.89	-45.05	73.25	-75.22	-0.62	12.55	6.98	27.54	-16.67	-2.54	4.09	0.79	-2.37	-1.57	-8.93	-6.90
MRPC1TOR25P5_SIN		0.00	-130.45	-50.84	19.27	-12.64	4.53	20.85	-81.75	-11.42	-1.54	7.52	6.28	-1.71	-0.08	-2.75	-2.52
MRPLK1LOAD_COS		-90.54	4.00	11.66	-9.29	0.06	2.41	1.28	5.48	-1.99	-0.25	0.75	-0.26	-0.40	-0.15	-1.70	-1.26
MRPLK1LOAD_SIN		0.00	-42.86	-1.35	1.07	-2.38	1.43	2.77	-10.89	-1.08	-0.19	1.37	1.23	-0.33	-0.12	-1.11	-0.10
PITCHRH_COS		14282.89	-8997.60	-714.15	-4.97	-79.27	8.83	-137.66	-32.89	98.98	-56.43	82.93	-16.27	15.75	2.10	4.22	-265.23
PITCHRH_SIN		0.00	2713.55	-718.38	88.62	-75.67	1070.19	-19.99	123.00	-46.09	-80.59	-352.92	79.36	6.79	38.14	-5.23	235.08
ROLLRH_COS		2633.18	-2270.62	758.06	-124.34	-111.62	-2177.14	-181.07	-10.40	150.85	114.41	226.19	-76.78	-11.01	-7.76	10.53	-635.79
ROLLRH_SIN		0.00	-8837.52	-828.13	6.94	97.07	347.47	-85.12	-104.21	-4.12	-10.02	37.36	-30.64	14.53	-45.56	-35.21	-118.56
TORQ_COS		31186.68	465.57	-0.23	-3.37	-88.39	68.82	2.02	18.40	-20.43	-2.38	19.66	1.91	6.29	-3.51	-5.09	7.30
TORQ_SIN		0.00	659.40	-14.02	20.75	-85.27	37.48	11.67	28.30	29.35	-4.29	-24.66	3.55	-6.33	6.94	-6.75	-11.46
THRUST_COS		6022.51	-45.95	1.49	11.10	18.39	38.19	5.61	17.34	0.55	-2.73	-14.28	0.37	3.03	-0.54	3.83	23.96
THRUST_SIN		0.00	-95.35	3.15	12.26	28.88	5.59	2.70	15.97	-3.42	0.76	8.82	-5.12	0.89	2.44	-1.82	35.81

RUN	POINT	Harmonics															
48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.43	8.82	-13.64	-3.64	-13.66	106.48	13.76	-2.85	-3.07	-5.45	-9.40	3.79	0.75	0.19	-0.53	18.86
SIDERH_SIN		0.00	224.91	17.91	0.62	-42.32	-151.31	7.51	1.50	-0.28	0.64	-1.75	1.52	-0.40	1.51	0.65	3.57
DRAGRH_COS		-99.18	242.57	16.84	-2.29	-5.36	81.18	-9.78	-1.34	-0.68	1.93	-0.80	1.24	-3.25	0.47	-0.39	11.85
DRAGRH_SIN		0.00	-72.30	8.42	-1.46	12.04	151.08	-7.48	6.33	2.04	4.50	14.33	-6.03	-0.55	-1.30	-0.77	-11.47

RUN	POINT	Harmonics															
48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-0.05	0.01	0.00	0.00	0.00	0.03	0.02	0.00	-0.01	0.00	0.00	0.01	0.02	0.00	0.00
FLAP1C_SIN		0.00	-2.98	0.00	0.00	0.00	0.00	-0.01	-0.04	0.03	0.01	0.01	0.01	0.00	0.00	0.00	-0.01
ACT1DISP_COS		2.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.12	8.96	2.99	-5.11	-3.35	-0.95	0.16	0.97	0.34	-0.44	-0.04	0.19	0.43	0.47	-0.01	-0.07
ACT1FORCE_SIN		0.00	6.47	2.15	2.66	1.07	-0.22	-0.28	-1.21	0.62	0.09	0.33	0.10	-0.02	-0.06	-0.09	0.00
FA1IBCURRENT_COS		-0.01	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		382.46	-192.88	-21.26	28.45	19.61	-0.49	0.15	0.28	-0.06	-0.02	-0.07	-0.05	-0.04	-0.02	-0.01	0.04
FA1IBVOLTAGE_SIN		0.00	-485.15	-8.27	-11.39	-6.79	1.86	-0.07	0.05	0.04	-0.01	0.00	-0.01	0.01	0.11	-0.04	0.00
FA1OBCURRENT_COS		0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.01	194.26	21.31	-28.64	-20.30	0.15	0.07	-0.14	0.05	0.01	0.06	0.04	0.04	0.01	0.00	-0.03
FA1OBVOLTAGE_SIN		0.00	486.51	10.51	11.89	6.57	-2.08	-0.02	-0.08	0.02	0.06	0.00	0.00	-0.02	-0.11	0.03	-0.01
MRBLD1CB42P75_COS		-3441.67	-1061.89	-57.78	266.70	-124.23	-91.53	-6.94	-198.36	44.94	18.34	-33.92	-22.38	-0.70	-7.40	-37.14	-9.77
MRBLD1CB42P75_SIN		0.00	154.20	-59.04	34.76	258.20	-56.09	-28.74	138.04	-79.25	12.97	-16.15	-9.41	-3.50	6.39	24.36	-25.70

RUN	POINT	Harmonics															
48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2803.79	-655.60	266.40	138.33	-135.26	-69.56	-67.25	-128.94	29.59	12.32	-12.18	-15.75	1.43	-1.80	-26.61	-5.27
MRBLD1CB70_SIN		0.00	166.65	-80.07	75.60	413.62	-25.12	71.65	135.16	-34.32	20.62	-43.32	-7.99	-3.92	-1.14	16.22	-24.26
MRBLD1CB120_COS		-525.28	-284.27	431.28	122.33	-105.12	-10.89	-93.27	-54.39	-40.32	11.29	49.71	18.52	4.95	8.44	2.86	4.02
MRBLD1CB120_SIN		0.00	255.71	-184.46	-6.51	424.90	-25.65	133.55	91.65	0.46	-7.89	22.28	9.57	7.13	0.01	-3.40	-11.77
MRBLD1CB164_COS		-1969.44	-90.86	157.82	23.21	-78.71	-1.56	-37.41	48.66	-35.31	10.34	30.67	17.73	5.28	5.16	15.56	-4.12
MRBLD1CB164_SIN		0.00	63.15	-62.22	12.59	178.13	13.02	64.52	-18.40	3.79	-25.66	44.02	12.67	10.35	6.58	-5.70	21.41
MRBLD1FB42P75_COS		3124.70	94.34	-502.06	503.76	-93.64	-145.12	-41.67	-329.64	-121.66	-3.82	77.58	9.07	26.37	19.99	5.79	-80.98
MRBLD1FB42P75_SIN		0.00	-26.98	-27.38	83.45	415.82	-43.63	-50.21	418.74	-162.21	-110.52	21.41	-8.56	-5.61	9.98	82.28	-35.79
MRBLD1FB70_COS		441.90	-0.98	-235.05	145.69	-48.57	-38.52	-0.55	-46.97	-6.10	3.99	-1.10	-1.44	-2.34	-3.30	0.51	19.48
MRBLD1FB70_SIN		0.00	-214.86	9.32	21.06	121.37	-29.29	-12.43	86.54	-14.81	1.61	4.88	3.92	2.80	-0.73	-17.61	8.14
MRBLD1FB87_COS		-66.55	23.62	-185.96	45.22	-50.27	-30.66	-8.45	33.43	17.46	5.31	-9.19	1.72	-2.75	-3.37	-4.75	11.89
MRBLD1FB87_SIN		0.00	-225.05	37.90	57.74	57.31	-5.18	-5.62	-37.01	19.74	13.63	-5.13	3.48	3.75	1.41	-16.25	6.13
MRBLD1FB120_COS		-493.63	23.46	-259.92	-1.50	-14.76	10.51	-0.50	65.81	10.88	-10.74	-8.57	-4.38	2.19	3.66	4.99	-17.95
MRBLD1FB120_SIN		0.00	-322.09	96.40	139.73	10.91	34.84	4.87	-122.50	18.86	-1.49	-4.86	-7.52	-8.21	-3.17	23.75	-11.50
MRBLD1FB164_COS		-67.06	42.68	-445.78	45.79	117.13	82.81	19.53	-111.10	-15.05	15.70	5.33	5.36	-1.59	-1.62	-0.06	8.65
MRBLD1FB164_SIN		0.00	-105.30	92.46	220.06	-80.68	-21.48	-6.44	161.72	-35.55	-0.64	7.95	5.36	0.81	4.95	-8.79	1.20

RUN	POINT	Harmonics															
48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-127.78	-9.34	-285.93	29.16	97.98	35.92	-11.31	-88.81	22.19	23.74	-24.64	1.28	7.18	13.45	6.46	-22.94
MRBLD1FB180_SIN		0.00	25.21	52.66	105.89	-22.15	-9.98	-29.10	146.28	-16.88	-3.09	-20.00	9.86	4.15	-7.68	23.24	-9.86
MRBLD1TOR51_COS		-1288.42	46.11	-143.95	82.31	-10.13	-17.41	-10.90	-38.57	20.82	7.86	-3.31	-1.03	2.33	3.48	-4.07	0.96
MRBLD1TOR51_SIN		0.00	279.29	-18.08	1.44	24.67	-7.93	-28.14	92.45	4.09	1.70	-8.45	-1.45	0.93	1.45	5.68	-7.80
MRBLD1TOR71_COS		-158.26	60.54	-142.08	59.13	4.25	-5.73	-4.20	-15.27	17.21	4.24	-3.03	-0.68	1.68	4.88	-1.87	-0.14
MRBLD1TOR71_SIN		0.00	255.81	-20.54	-12.52	-1.15	-2.02	-20.08	77.21	14.60	4.67	-7.23	0.51	0.01	0.63	3.18	-4.37
MRBLD1TOR130_COS		70.26	53.13	-119.13	33.22	19.85	-2.63	0.21	-19.97	10.93	7.24	1.28	-0.91	0.88	1.14	-1.89	-3.77
MRBLD1TOR130_SIN		0.00	283.51	-18.41	-16.89	-13.11	4.27	-10.03	66.36	3.59	2.25	7.84	5.03	2.53	0.84	-1.96	3.74
MRBLD1TOR164_COS		-151.50	26.58	-16.55	9.78	-8.88	-18.63	-3.78	0.48	6.63	4.66	1.18	0.90	2.52	3.99	-1.93	-3.93
MRBLD1TOR164_SIN		0.00	228.64	-19.06	-40.21	5.66	-6.16	-3.88	34.23	7.66	-0.30	0.51	5.74	2.69	0.11	-0.58	-3.39
MRFBM1CB26P5_COS		-4541.83	-404.98	-67.45	100.22	7.55	-9.47	13.48	-21.85	1.47	2.45	-2.77	0.67	1.15	-0.49	-3.75	-1.18
MRFBM1CB26P5_SIN		0.00	16.09	-2.66	-27.02	-26.59	-12.80	-26.99	2.43	-18.01	-3.67	10.81	-0.28	0.85	2.35	3.08	-5.06
MRFBM1FB9_COS		519.77	-285.29	225.59	-101.00	39.91	13.45	5.57	29.14	-2.97	-2.76	-1.06	-0.02	-0.28	0.51	2.51	-1.26
MRFBM1FB9_SIN		0.00	-65.48	45.57	-74.15	-51.86	11.50	11.53	-5.36	8.01	1.19	-1.23	-0.05	-0.91	-0.49	-0.32	2.45
MRFBM1TOR26P5_COS		-351.70	78.71	-1.43	0.24	-0.36	0.08	-0.40	-0.10	0.23	-0.11	-0.04	-0.01	0.00	-0.01	0.14	0.11
MRFBM1TOR26P5_SIN		0.00	-95.68	0.05	-0.32	-0.18	-0.39	-0.48	0.46	0.31	0.15	-0.25	-0.07	-0.02	0.02	0.05	0.04

RUN	POINT	Harmonics															
48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1150.83	-979.87	-140.58	297.45	-78.90	-75.53	7.75	-179.69	21.88	19.83	-13.84	-10.71	3.25	-2.95	-32.97	-9.76
MRPC1CB33P25_SIN		0.00	137.55	-25.66	-18.93	153.86	-50.52	-48.37	107.88	-90.30	-8.65	11.78	-3.47	1.14	8.13	24.66	-30.73
MRPC1FB33P25_COS		2354.01	42.50	-416.16	397.33	-178.72	-108.55	-15.78	-424.12	-18.53	53.84	44.27	11.89	22.78	6.21	-70.63	-16.44
MRPC1FB33P25_SIN		0.00	112.17	-103.50	163.33	330.89	-74.32	-53.79	195.08	-180.57	-84.41	57.79	-1.31	14.26	21.68	56.82	-93.71
MRPC1TOR25P5_COS		-880.89	-35.89	114.74	-78.23	-4.63	6.72	9.88	20.45	-22.32	-4.11	3.37	0.31	-1.95	-1.17	-8.04	-8.39
MRPC1TOR25P5_SIN		0.00	-256.89	-41.08	24.93	-9.76	5.27	30.95	-95.82	-14.07	-5.10	12.71	2.29	-3.46	-0.43	-3.62	-2.55
MRPLK1LOAD_COS		-95.87	4.80	17.22	-9.73	-0.42	1.69	1.69	4.40	-2.80	-0.35	0.82	-0.25	-0.37	-0.04	-1.43	-1.70
MRPLK1LOAD_SIN		0.00	-59.03	-0.30	1.68	-2.25	1.76	4.15	-12.95	-1.51	-0.82	2.22	0.68	-0.58	-0.15	-1.26	-0.19
PITCHRH_COS		14834.18	-9064.16	-878.88	9.22	-92.49	291.01	-189.70	-75.46	163.91	-37.76	116.36	6.06	9.88	-3.02	-9.86	-327.83
PITCHRH_SIN		0.00	2719.56	-726.65	87.33	-80.04	1251.50	-59.95	142.19	71.78	-70.62	-411.39	118.35	4.75	122.74	-17.43	215.07
ROLLRH_COS		2874.30	-2237.57	869.96	-148.41	-128.98	-2667.43	-147.37	-62.45	119.16	113.15	129.69	-119.42	8.31	33.62	25.67	-674.36
ROLLRH_SIN		0.00	-8849.43	-966.25	25.59	66.16	476.68	-145.98	-111.61	33.72	-16.45	44.14	-36.71	6.46	-13.93	-18.72	-257.42
TORQ_COS		31254.04	459.91	-1.62	8.46	-60.40	74.77	-0.43	12.49	-23.72	1.86	24.52	-0.46	3.93	-2.25	-6.18	10.88
TORQ_SIN		0.00	684.25	-18.24	23.09	-126.43	24.02	10.87	19.00	26.89	-8.17	-45.11	4.52	-6.21	3.64	-8.38	-16.90
THRUST_COS		6209.25	-47.39	-3.71	15.34	15.95	38.28	6.06	16.14	-2.75	-2.26	-13.09	-0.37	2.14	-0.49	3.79	11.35
THRUST_SIN		0.00	-100.23	3.06	10.52	34.93	25.92	4.93	16.33	-4.83	0.36	-3.50	-6.62	-0.02	-0.74	-2.11	40.59

RUN	POINT	Harmonics															
48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.14	15.36	-14.96	-5.19	-9.86	118.51	10.23	-2.75	-3.44	-5.38	-4.93	5.88	0.17	-1.22	-0.99	20.35
SIDERH_SIN		0.00	216.38	20.66	1.28	-37.64	-183.11	10.98	1.93	-1.34	1.04	-2.04	2.02	-0.15	0.36	0.14	7.42
DRAGRH_COS		-84.57	241.03	18.96	-3.04	-1.14	116.31	-4.03	0.33	-4.07	0.12	-5.03	-0.10	-3.45	-0.10	0.36	14.15
DRAGRH_SIN		0.00	-73.07	5.00	-1.94	12.25	193.77	-5.39	3.87	1.16	4.59	15.30	-9.64	-0.76	-4.77	-0.21	-11.66

RUN	POINT	Harmonics															
48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.99	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	-0.01	0.01	0.00	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.64	1.82	-0.07	-5.26	-3.30	-0.78	-0.11	0.88	-0.15	-0.11	0.37	0.30	0.29	0.24	0.16	-0.03
ACT1FORCE_SIN		0.00	19.22	2.93	1.29	0.61	-0.94	-0.42	-0.27	0.64	0.17	-0.15	0.10	-0.03	-0.09	0.02	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		369.95	185.35	-6.17	41.45	25.31	10.36	0.02	0.02	-0.05	-0.01	0.02	-0.02	-0.02	0.01	-0.03	0.00
FA1IBVOLTAGE_SIN		0.00	-180.21	-19.40	-10.45	-4.82	3.30	-0.10	0.02	-0.04	-0.04	0.04	-0.01	0.02	0.03	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		435.82	-185.65	6.07	-41.51	-25.41	-10.46	-0.03	-0.03	0.05	0.02	-0.01	0.02	0.02	-0.01	0.02	-0.01
FA1OBVOLTAGE_SIN		0.00	180.66	19.33	10.52	4.78	-3.36	0.05	-0.03	0.03	0.03	-0.04	0.01	-0.02	-0.03	0.00	0.02
MRBLD1CB42P75_COS		-3504.70	-1708.64	34.76	213.75	-20.79	-52.61	-31.74	-125.90	29.71	21.40	21.22	-1.02	-6.45	-8.30	-22.13	-9.13
MRBLD1CB42P75_SIN		0.00	-148.00	-89.04	80.08	142.22	10.35	16.55	38.81	-48.16	-1.63	-75.13	46.53	15.34	12.01	24.99	-14.02

RUN	POINT	Harmonics															
48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2771.26	-1084.58	297.16	109.07	10.33	-32.69	-41.06	-80.09	18.82	24.12	12.40	2.44	-0.16	-2.70	-12.46	-9.08
MRBLD1CB70_SIN		0.00	-74.13	-84.75	102.30	275.56	50.90	49.09	50.28	-25.02	2.21	-56.11	25.08	7.62	4.72	17.55	-12.95
MRBLD1CB120_COS		-550.23	-488.50	421.03	110.41	17.97	14.56	-22.80	-18.29	-32.36	-3.65	9.86	8.35	7.12	6.75	-0.12	0.01
MRBLD1CB120_SIN		0.00	65.62	-156.92	19.12	247.88	65.82	60.29	42.75	10.73	-7.36	47.50	-15.20	-0.31	-2.66	-3.81	-6.94
MRBLD1CB164_COS		-1954.16	-132.28	135.46	14.73	-29.68	8.73	4.61	35.13	-30.87	-10.70	2.95	5.33	4.50	4.51	8.34	3.07
MRBLD1CB164_SIN		0.00	70.84	-51.29	18.98	100.18	32.52	13.69	-1.10	6.10	-19.38	46.70	-6.83	5.32	0.62	-9.58	10.42
MRBLD1FB42P75_COS		3044.21	277.65	-408.42	471.32	-126.94	-23.60	-56.18	-245.15	-92.89	-38.71	50.87	52.72	32.33	23.89	11.76	-53.29
MRBLD1FB42P75_SIN		0.00	2.51	-56.20	168.75	57.92	65.85	28.08	156.52	-69.44	-70.43	-74.40	23.99	10.98	14.79	59.17	-11.08
MRBLD1FB70_COS		423.78	4.91	-194.26	130.43	-51.28	-3.89	-2.02	-33.53	-1.79	1.43	-1.01	-0.85	-3.02	-4.57	-1.00	12.57
MRBLD1FB70_SIN		0.00	-211.87	1.40	49.15	8.23	5.70	8.62	36.00	-3.14	4.13	2.38	3.11	2.79	-1.75	-13.79	2.60
MRBLD1FB87_COS		-67.81	38.95	-159.26	33.57	-52.03	-21.94	-5.97	22.72	14.59	10.48	-5.67	-9.98	-4.62	-5.24	-6.42	7.23
MRBLD1FB87_SIN		0.00	-206.42	36.53	66.07	10.00	2.12	-4.36	-16.12	5.20	8.63	18.39	-6.12	-1.12	-0.57	-11.16	1.11
MRBLD1FB120_COS		-482.81	61.54	-237.76	-6.36	-19.09	-8.49	4.85	47.34	1.79	-6.86	-3.98	1.99	5.21	7.56	6.46	-12.09
MRBLD1FB120_SIN		0.00	-247.73	90.32	134.21	35.94	-3.41	-18.76	-51.84	4.71	-4.31	-10.44	-0.76	-4.60	-2.14	15.71	-2.75
MRBLD1FB164_COS		-153.77	-13.16	-330.51	59.18	139.02	52.43	20.75	-68.33	-6.07	8.11	0.97	-4.12	-1.88	-0.95	-1.15	5.97
MRBLD1FB164_SIN		0.00	-300.01	49.16	164.97	40.23	-22.05	20.21	65.56	-12.78	4.42	17.25	-3.10	-0.52	-0.49	-8.54	-0.43

RUN	POINT	Harmonics															
48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-202.30	-75.15	-187.29	33.89	114.22	42.02	-4.94	-63.79	15.04	13.77	-19.79	-13.91	11.61	13.84	3.53	-19.26
MRBLD1FB180_SIN		0.00	-201.25	21.86	71.59	18.08	-15.40	16.16	65.36	-19.14	-7.44	33.34	-6.24	-2.99	-5.97	16.98	-0.97
MRBLD1TOR51_COS		-1403.05	-40.38	-10.03	81.40	-14.21	-17.28	-1.98	-20.80	9.38	1.99	-5.14	-0.06	3.41	3.00	-0.79	-1.64
MRBLD1TOR51_SIN		0.00	-92.41	-37.65	38.76	11.38	0.39	1.36	49.66	3.96	-4.33	-3.31	-3.30	1.58	0.44	2.47	-7.38
MRBLD1TOR71_COS		-262.68	-14.75	-19.01	60.41	-4.81	-9.39	3.66	-6.63	7.98	0.13	-6.98	-1.03	3.10	4.22	-0.83	-1.73
MRBLD1TOR71_SIN		0.00	-91.25	-37.63	18.68	0.91	-0.77	4.21	47.09	10.94	-0.13	1.07	-3.52	0.09	-0.21	1.33	-3.72
MRBLD1TOR130_COS		-35.94	-31.40	1.82	38.76	10.06	-7.31	4.05	-8.81	5.01	1.39	3.47	-1.21	-0.22	-0.27	-3.35	-1.41
MRBLD1TOR130_SIN		0.00	-75.72	-39.50	5.66	5.55	2.43	5.91	38.29	6.27	0.21	3.94	8.38	3.04	0.71	-0.53	4.70
MRBLD1TOR164_COS		-222.86	-38.21	51.47	13.19	-7.55	-12.64	-4.36	0.94	6.09	4.33	0.22	0.33	2.44	2.88	-3.51	-2.56
MRBLD1TOR164_SIN		0.00	-32.85	-28.98	-24.14	-5.47	4.36	5.99	19.22	3.00	-0.26	4.54	4.30	2.29	1.35	0.96	0.37
MRFBM1CB26P5_COS		-4560.88	-708.23	-27.91	85.02	1.37	-7.53	1.72	-15.19	0.93	-0.38	3.54	0.41	0.11	-0.05	-3.60	-0.85
MRFBM1CB26P5_SIN		0.00	-132.66	-20.29	-11.23	-21.86	-12.45	-10.38	-2.30	-9.40	-3.15	-1.71	2.86	1.58	2.28	2.25	-3.01
MRFBM1FB9_COS		404.29	-3.26	149.76	-86.66	21.64	9.13	5.51	15.82	-0.68	-1.64	-3.83	0.35	0.25	0.60	1.63	-0.51
MRFBM1FB9_SIN		0.00	-55.05	62.24	-93.44	-9.08	-4.70	3.06	2.20	5.13	1.84	0.72	-2.13	-1.34	-0.65	-0.64	1.63
MRFBM1TOR26P5_COS		-352.48	80.69	-0.66	0.38	-0.38	0.00	-0.02	-0.07	0.17	-0.07	-0.05	0.06	0.00	-0.02	0.20	0.06
MRFBM1TOR26P5_SIN		0.00	-98.39	-0.03	0.03	0.11	-0.24	0.17	0.21	0.22	0.03	-0.09	-0.15	0.01	0.03	-0.02	-0.04

RUN	POINT	Harmonics															
48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1213.00	-1553.99	-47.18	247.46	-28.79	-40.05	-20.44	-113.18	11.19	11.75	23.26	3.99	-0.74	-3.45	-20.13	-9.07
MRPC1CB33P25_SIN		0.00	-102.99	-70.75	33.63	56.80	-0.77	1.92	24.45	-50.66	-13.71	-46.02	35.75	13.90	12.54	22.35	-16.88
MRPC1FB33P25_COS		2294.59	208.11	-348.83	358.10	-122.77	-40.46	-55.17	-255.54	-37.75	9.52	79.86	22.26	15.86	3.17	-48.35	-22.75
MRPC1FB33P25_SIN		0.00	162.55	-111.30	227.33	26.45	49.77	0.01	22.25	-97.89	-72.38	-27.34	50.63	29.71	30.25	47.97	-53.96
MRPC1TOR25P5_COS		-761.48	72.90	-36.70	-80.14	8.10	7.37	-3.96	8.26	-11.15	1.00	10.10	-0.42	-4.09	-2.70	-12.12	-5.21
MRPC1TOR25P5_SIN		0.00	142.02	-6.34	-14.94	-7.15	6.13	-1.37	-55.98	-10.98	1.93	1.57	11.40	-0.93	2.57	1.46	4.31
MRPLK1LOAD_COS		-80.50	15.62	-0.89	-10.01	1.66	1.65	-0.30	2.62	-1.24	0.26	1.46	-0.65	-0.49	-0.33	-2.31	-0.93
MRPLK1LOAD_SIN		0.00	-9.38	2.94	-3.55	-1.02	0.97	-0.29	-7.19	-1.25	0.19	0.79	1.62	-0.29	0.15	-0.36	1.14
PITCHRH_COS		8521.67	-9051.10	-419.85	-38.04	-46.78	-447.00	-1.46	8.31	80.94	-43.74	57.23	-53.40	22.41	-3.92	-17.49	-299.67
PITCHRH_SIN		0.00	2769.75	-802.81	96.67	-53.92	245.72	161.85	146.72	0.20	-68.42	-217.74	11.86	26.28	76.74	30.48	204.95
ROLLRH_COS		3055.63	-2277.22	819.90	-67.55	-105.15	-503.91	-150.88	-8.04	155.92	107.85	249.63	-40.49	-38.38	75.95	-11.86	-519.22
ROLLRH_SIN		0.00	-8845.95	-532.80	-31.08	91.53	129.95	-109.55	-25.39	-67.14	-37.42	-76.94	-42.25	32.46	-32.33	-7.43	-154.62
TORQ_COS		30545.18	434.13	-9.68	6.85	-94.16	73.85	-2.68	20.54	-20.90	-1.46	7.57	0.08	3.48	-1.73	-3.64	9.54
TORQ_SIN		0.00	602.36	-25.69	18.61	-106.89	49.38	2.04	13.91	10.84	-6.50	0.99	0.36	-6.89	3.74	-9.01	-13.64
THRUST_COS		5877.87	-61.14	11.45	12.26	14.56	19.42	3.74	14.30	-1.41	-4.51	-20.83	0.76	2.00	-2.06	0.10	17.38
THRUST_SIN		0.00	-74.89	2.93	8.64	36.60	-38.09	2.77	2.41	-2.14	2.58	26.48	-2.20	-0.71	-0.71	-3.55	28.59

RUN	POINT	Harmonics															
48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.95	19.09	-16.77	-0.93	-22.40	32.68	11.56	-2.41	-2.89	-5.67	-10.65	2.28	1.31	-2.53	-0.19	15.32
SIDERH_SIN		0.00	218.26	14.41	2.18	-60.19	-55.29	7.79	0.11	1.70	2.91	2.65	2.40	-0.88	1.13	0.02	4.62
DRAGRH_COS		-150.42	241.32	16.41	-1.25	-13.77	46.94	-16.94	-1.24	-0.49	0.60	2.09	3.62	-1.84	-0.22	-0.30	14.00
DRAGRH_SIN		0.00	-71.82	16.52	-0.54	10.11	31.72	-28.33	5.28	0.28	1.98	10.75	-3.67	-0.49	-3.29	-2.34	-10.49

RUN	POINT	Harmonics															
48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	2.98	-0.01	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	-0.04	0.00	0.00	0.00	0.00	-0.01	-0.01	0.02	0.00	-0.01	0.02	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.74	6.34	-0.25	-6.57	-2.91	-0.80	0.15	0.94	0.07	0.05	0.38	0.23	0.09	0.20	0.20	-0.10
ACT1FORCE_SIN		0.00	20.70	4.79	2.62	-0.23	-0.13	-0.30	-0.70	0.61	-0.10	-0.17	0.18	-0.02	-0.05	0.10	0.06
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.07	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.47	417.69	-10.47	45.64	19.96	10.94	-0.05	0.10	-0.15	0.02	0.02	-0.06	-0.01	-0.01	-0.05	0.00
FA1IBVOLTAGE_SIN		0.00	-263.20	-30.70	-13.13	-0.57	-3.76	-0.21	0.09	-0.05	0.00	0.07	-0.05	0.00	0.02	0.02	-0.04
FA1OBCURRENT_COS		0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.06	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.81	-419.05	10.52	-45.97	-20.07	-10.98	-0.10	-0.08	0.08	-0.01	-0.04	0.05	0.01	0.01	0.04	0.01
FA1OBVOLTAGE_SIN		0.00	264.36	29.22	13.59	-0.12	3.77	-0.06	-0.03	0.00	0.01	-0.06	0.04	0.00	-0.02	-0.02	0.04
MRBLD1CB42P75_COS		-3410.66	-1684.70	91.81	209.95	-38.13	-54.44	-34.66	-162.72	14.06	9.63	27.82	15.05	-0.04	-4.14	-19.49	5.52
MRBLD1CB42P75_SIN		0.00	65.78	-171.44	113.55	102.76	5.17	27.16	21.73	-43.07	-13.82	-42.40	66.35	31.64	19.01	17.17	-1.73

RUN	POINT	Harmonics															
48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2828.96	-1108.09	329.81	88.48	-18.15	-19.28	-62.00	-110.51	9.65	11.78	20.34	11.94	3.01	0.17	-12.75	11.95
MRBLD1CB70_SIN		0.00	35.63	-105.90	121.66	213.46	38.51	49.38	40.38	-23.27	-15.54	-37.12	38.86	14.11	9.37	9.76	-1.51
MRBLD1CB120_COS		-531.07	-573.14	441.52	88.57	-32.13	39.36	-44.60	-35.10	-16.88	-6.54	2.52	2.07	6.48	3.89	-2.41	-1.25
MRBLD1CB120_SIN		0.00	82.63	-144.20	30.79	194.71	53.22	44.73	40.56	12.59	8.86	32.10	-24.47	-7.98	-4.09	-3.93	-2.87
MRBLD1CB164_COS		-1960.66	-125.03	130.38	-3.89	-46.22	17.98	-7.28	37.17	-19.91	-13.26	-7.56	2.22	5.04	4.27	7.74	-10.70
MRBLD1CB164_SIN		0.00	70.86	-35.61	18.65	80.31	29.61	-1.43	4.25	7.78	8.30	36.13	-13.77	0.62	-5.30	-7.40	-1.85
MRBLD1FB42P75_COS		2997.67	259.92	-384.82	467.93	-199.95	-28.15	-45.89	-335.76	-66.56	-7.71	53.51	70.34	52.70	33.52	0.86	-10.84
MRBLD1FB42P75_SIN		0.00	-38.36	-142.79	227.06	80.03	50.96	35.34	175.63	-49.55	-28.82	-44.57	24.03	17.26	19.96	50.10	-13.59
MRBLD1FB70_COS		422.30	10.74	-181.06	125.96	-75.62	-4.34	1.50	-49.22	-0.57	0.38	1.38	1.52	-4.16	-6.56	1.66	4.13
MRBLD1FB70_SIN		0.00	-201.52	-32.93	69.95	9.69	2.75	11.32	38.74	-1.02	4.14	1.56	3.90	3.38	-2.59	-11.94	4.13
MRBLD1FB87_COS		-63.19	51.43	-153.57	25.65	-62.08	-22.62	-3.62	31.97	10.57	4.14	-8.93	-14.44	-7.69	-8.85	-6.92	-1.30
MRBLD1FB87_SIN		0.00	-194.22	17.57	78.87	8.45	3.03	-5.03	-17.04	2.62	3.11	11.71	-8.16	-2.66	0.43	-9.58	-0.46
MRBLD1FB120_COS		-474.21	119.67	-234.80	-23.78	-13.66	-10.38	-0.26	67.18	2.46	-2.38	-2.61	3.74	8.16	12.46	7.42	1.48
MRBLD1FB120_SIN		0.00	-229.99	83.31	145.44	33.17	-5.10	-21.07	-54.82	-0.09	-5.71	-7.47	-0.71	-2.84	-2.32	12.54	-0.75
MRBLD1FB164_COS		-131.72	-160.60	-297.99	67.25	148.63	63.45	30.57	-93.96	-7.82	0.35	-1.07	-5.80	-2.90	-3.37	-2.76	-0.95
MRBLD1FB164_SIN		0.00	-275.12	-61.39	189.19	43.78	-24.41	22.57	68.52	-8.05	9.00	13.40	-6.71	-3.18	-0.49	-8.05	-3.32

RUN	POINT	Harmonics															
48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-186.72	-229.48	-176.75	46.58	126.42	41.97	3.19	-81.46	7.83	-5.59	-22.63	-16.67	8.70	15.91	2.29	-4.99
MRBLD1FB180_SIN		0.00	-177.05	-65.40	75.88	21.80	-21.83	12.85	67.67	-12.20	-5.85	24.10	-8.88	-13.65	-12.21	14.47	2.30
MRBLD1TOR51_COS		-1406.24	-259.01	18.17	95.26	-15.06	-14.65	3.01	-38.79	9.48	-3.14	-4.39	0.19	3.93	5.32	0.56	1.46
MRBLD1TOR51_SIN		0.00	-104.29	-127.31	50.15	18.57	10.32	-5.62	43.12	4.40	-5.91	-5.85	-4.44	-1.09	-0.53	1.88	-2.10
MRBLD1TOR71_COS		-263.80	-221.53	5.59	74.08	-2.75	-7.17	7.88	-19.16	8.08	-4.16	-6.51	-1.84	3.55	6.67	0.68	-0.44
MRBLD1TOR71_SIN		0.00	-103.11	-118.99	27.00	8.66	9.57	-2.33	41.98	10.13	-2.51	-2.31	-6.11	-3.44	-0.84	1.85	-0.82
MRBLD1TOR130_COS		-35.89	-247.17	23.73	53.82	14.06	-4.77	7.60	-21.28	5.05	-1.51	1.14	-0.28	0.22	-0.91	-2.63	-1.50
MRBLD1TOR130_SIN		0.00	-86.50	-118.50	10.89	13.14	10.25	2.26	34.55	5.59	2.78	5.41	8.23	4.33	0.90	-1.80	1.65
MRBLD1TOR164_COS		-223.37	-192.18	58.37	26.27	-8.42	-12.55	-2.26	-3.74	5.85	2.35	-1.37	0.49	3.02	1.65	-3.55	-2.64
MRBLD1TOR164_SIN		0.00	-43.22	-71.78	-25.15	-1.81	6.97	5.03	18.30	0.79	-0.07	3.45	2.58	2.60	1.66	-0.95	-0.81
MRFBM1CB26P5_COS		-4502.79	-704.18	-6.48	92.61	4.87	-11.57	5.86	-17.28	0.24	-0.18	2.52	0.42	0.77	-0.11	-3.00	-1.69
MRFBM1CB26P5_SIN		0.00	-30.90	-61.48	-0.30	-18.81	-11.44	-8.62	-4.66	-7.76	-0.35	1.38	2.59	2.96	2.87	1.90	-1.50
MRFBM1FB9_COS		363.27	-19.39	120.78	-80.44	31.24	8.29	4.58	20.04	-0.45	-0.86	-3.09	0.18	0.43	0.87	1.44	-0.54
MRFBM1FB9_SIN		0.00	-125.25	120.97	-107.49	-6.67	-3.49	2.86	5.29	3.54	0.98	-0.36	-3.14	-2.29	-1.16	-0.34	-0.15
MRFBM1TOR26P5_COS		-352.71	78.19	-0.53	0.40	-0.23	0.01	0.16	-0.22	0.13	-0.07	0.03	0.07	-0.04	0.01	0.14	0.05
MRFBM1TOR26P5_SIN		0.00	-99.75	-0.52	-0.01	0.22	-0.13	0.01	0.24	0.14	-0.07	-0.15	-0.05	-0.03	-0.02	0.01	-0.01

RUN	POINT	Harmonics															
48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1142.91	-1509.37	2.68	253.71	-42.34	-46.08	-16.02	-145.26	5.35	5.56	24.76	16.44	4.91	-0.16	-18.00	3.45
MRPC1CB33P25_SIN		0.00	99.75	-163.36	64.95	39.85	-2.73	10.19	11.58	-43.35	-10.50	-23.23	47.25	26.26	18.14	14.80	-3.49
MRPC1FB33P25_COS		2250.41	201.56	-318.98	343.28	-188.87	-39.79	-51.11	-334.27	-26.20	12.10	64.71	35.46	25.27	5.07	-47.66	5.09
MRPC1FB33P25_SIN		0.00	120.79	-173.84	273.05	26.28	35.03	10.67	0.00	-71.67	-24.80	-2.73	62.23	49.09	41.12	30.84	-18.13
MRPC1TOR25P5_COS		-763.19	303.70	-61.81	-99.40	6.95	6.11	-10.55	24.69	-11.18	6.81	7.42	-0.20	-3.16	-6.20	-11.59	-3.85
MRPC1TOR25P5_SIN		0.00	151.13	89.29	-27.37	-18.04	-7.28	8.33	-51.64	-11.16	6.31	7.21	11.62	3.43	4.88	-1.32	-0.88
MRPLK1LOAD_COS		-79.80	45.13	-4.53	-12.10	1.68	1.43	-1.15	4.98	-1.04	0.86	0.77	-0.61	-0.37	-0.84	-1.89	-0.70
MRPLK1LOAD_SIN		0.00	-7.23	15.09	-4.94	-2.34	-0.61	0.99	-6.71	-1.35	1.10	1.48	1.23	0.30	0.61	-0.72	0.17
PITCHRH_COS		8907.64	-9038.57	-432.42	-57.81	-98.33	-695.01	24.25	31.27	-37.44	-53.69	223.63	-67.17	25.26	-3.70	3.09	-281.56
PITCHRH_SIN		0.00	2748.44	-945.75	123.51	-6.31	435.40	170.63	121.62	-7.25	-83.42	19.85	-6.80	-2.33	52.44	39.68	172.61
ROLLRH_COS		5203.69	-2203.43	999.28	-91.30	-81.91	-652.79	-110.17	-5.59	78.20	106.29	173.79	-19.02	-37.45	21.56	14.51	-358.50
ROLLRH_SIN		0.00	-8841.15	-469.46	-79.62	98.79	-253.25	-130.63	-34.66	-104.39	-38.38	-97.02	-53.65	4.23	-33.72	13.93	-280.71
TORQ_COS		31452.89	430.14	-6.94	-4.18	-105.71	101.10	-3.93	18.77	-6.67	-0.67	5.16	2.79	4.72	-5.31	-2.10	10.30
TORQ_SIN		0.00	591.02	-35.04	5.10	-70.23	33.38	5.75	19.28	12.04	-6.86	-10.90	6.76	-5.76	3.66	-8.04	-37.74
THRUST_COS		5752.45	-54.66	10.79	5.71	14.15	17.25	0.77	17.07	0.38	-4.47	-32.14	3.70	1.13	-2.17	0.55	-4.50
THRUST_SIN		0.00	-73.56	0.59	15.60	35.51	-33.24	1.98	5.32	-2.89	3.32	12.24	1.56	1.27	-1.58	-5.71	8.74

RUN	POINT	Harmonics															
48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.72	14.25	-18.59	1.30	-33.59	63.99	8.35	-1.56	-0.91	-5.53	-6.94	0.95	1.37	-0.91	-0.58	10.68
SIDERH_SIN		0.00	223.61	16.66	1.01	-61.38	-39.53	7.61	0.21	1.78	2.38	3.78	2.77	-0.01	1.31	-0.57	8.00
DRAGRH_COS		-145.55	242.25	23.33	-0.49	-14.80	7.69	-21.05	-1.42	0.17	3.86	-1.51	3.91	-2.48	0.04	-0.29	13.67
DRAGRH_SIN		0.00	-70.81	16.12	-3.01	13.86	41.00	-29.65	4.31	-2.68	2.41	-3.07	-1.42	0.78	-1.05	-2.81	-9.53

RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-0.99	0.00	0.00	0.00	0.00	0.01	0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	-0.03	0.00	0.02	0.01	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.71	-1.84	0.00	-2.97	-2.63	-0.78	0.32	0.93	-0.15	-0.30	0.21	0.24	0.13	0.07	0.21	0.16
ACT1FORCE_SIN		0.00	8.73	0.49	1.46	0.94	-0.97	-0.64	-0.22	0.50	0.03	-0.42	0.01	0.08	-0.07	-0.25	0.09
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.95	-209.85	-2.28	21.57	18.25	7.93	0.05	0.01	-0.07	-0.03	0.03	-0.03	-0.02	-0.01	0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-20.21	-8.33	-15.87	-5.09	8.58	0.02	0.08	-0.02	-0.05	0.01	0.03	0.00	-0.01	-0.01	0.03
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.84	210.30	2.37	-21.56	-18.28	-7.99	-0.09	-0.02	0.07	0.03	-0.03	0.03	0.03	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	20.06	8.26	15.99	5.24	-8.52	0.00	-0.08	0.02	0.05	-0.02	-0.03	0.00	0.01	0.00	-0.04
MRBLD1CB42P75_COS		-3485.95	-1405.84	-3.91	257.39	-9.53	-59.98	-48.24	-109.21	20.52	43.02	-8.19	-3.12	-5.79	-3.95	-33.52	-6.55
MRBLD1CB42P75_SIN		0.00	-173.21	17.18	41.42	182.35	-16.97	10.29	15.58	-47.25	-8.55	-73.26	26.41	4.49	2.05	35.48	-36.23

RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2782.15	-856.31	269.19	160.99	34.88	-29.10	-63.02	-67.98	17.89	42.45	-16.42	1.46	-3.31	-1.25	-20.95	-9.07
MRBLD1CB70_SIN		0.00	-80.87	-35.34	90.59	319.27	9.77	62.02	38.26	-22.79	-3.37	-57.55	11.75	4.79	0.90	24.40	-35.35
MRBLD1CB120_COS		-554.52	-317.55	408.51	156.60	54.62	18.91	-48.03	-10.05	-27.26	-13.57	30.14	8.44	6.06	6.31	-0.58	3.89
MRBLD1CB120_SIN		0.00	78.58	-140.00	12.04	293.02	22.61	81.14	33.98	5.49	-12.70	40.70	-8.04	5.15	3.63	-3.99	-10.53
MRBLD1CB164_COS		-1951.27	-119.02	131.44	41.75	-19.44	12.86	0.46	36.02	-26.08	-23.49	30.30	6.95	5.92	3.64	13.99	-0.07
MRBLD1CB164_SIN		0.00	70.20	-55.90	17.80	121.28	19.70	27.73	2.23	2.25	-23.53	44.71	0.98	8.07	3.19	-11.01	27.20
MRBLD1FB42P75_COS		3036.82	211.93	-405.07	547.83	-99.35	-84.57	-91.76	-223.56	-113.36	-53.28	58.67	40.88	25.72	20.92	18.47	-85.35
MRBLD1FB42P75_SIN		0.00	23.77	27.84	75.69	137.76	80.72	22.41	82.98	-70.35	-75.65	-83.51	20.06	0.13	5.79	96.75	-47.60
MRBLD1FB70_COS		421.82	0.36	-195.25	163.38	-39.27	-19.21	-11.40	-31.00	-5.51	2.43	-1.29	-1.84	-2.45	-4.73	-3.15	19.30
MRBLD1FB70_SIN		0.00	-210.24	35.14	18.57	33.53	5.61	7.21	23.26	-4.59	0.74	3.05	3.26	3.37	0.34	-21.04	9.26
MRBLD1FB87_COS		-70.82	21.35	-162.93	55.99	-46.81	-23.58	-4.73	20.98	17.02	12.37	-5.63	-6.78	-3.14	-3.02	-5.89	13.36
MRBLD1FB87_SIN		0.00	-207.10	52.78	50.85	19.62	-0.44	-3.55	-9.27	5.16	8.60	18.08	-4.26	1.36	1.11	-18.69	10.45
MRBLD1FB120_COS		-480.59	-4.07	-244.30	21.64	-23.49	1.87	15.72	45.94	9.21	-7.40	-6.11	1.00	3.34	4.37	6.31	-21.04
MRBLD1FB120_SIN		0.00	-254.54	92.36	128.95	33.94	3.66	-18.60	-33.41	9.06	0.83	-7.64	-0.61	-6.58	-3.57	28.33	-15.46
MRBLD1FB164_COS		-170.24	136.50	-352.65	66.63	132.24	61.50	-2.07	-71.52	-14.82	9.87	6.48	1.62	-0.39	0.59	1.24	10.65
MRBLD1FB164_SIN		0.00	-314.77	145.26	149.90	11.06	-18.31	13.59	38.44	-18.73	-4.71	13.57	-1.44	1.26	3.31	-10.95	9.27

RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.12	81.20	-199.59	21.09	100.01	45.13	-27.06	-70.89	10.69	22.59	-17.49	-7.84	13.35	14.63	6.74	-26.14
MRBLD1FB180_SIN		0.00	-217.60	104.01	74.42	7.34	-7.74	20.49	47.07	-20.49	-16.33	28.19	-2.45	1.04	-6.67	29.94	-18.04
MRBLD1TOR51_COS		-1401.15	175.97	-30.94	72.99	-8.50	-22.22	-4.44	-14.94	8.40	4.07	-6.36	0.68	3.81	2.87	-4.40	1.43
MRBLD1TOR51_SIN		0.00	-73.23	50.75	20.29	7.22	-0.21	1.22	36.12	4.37	-6.87	-6.16	-3.54	2.62	2.51	6.86	-9.92
MRBLD1TOR71_COS		-260.36	186.38	-37.69	49.36	0.50	-12.13	2.88	-3.49	8.52	1.87	-7.32	0.24	3.14	3.36	-2.82	0.82
MRBLD1TOR71_SIN		0.00	-72.43	41.56	4.06	-6.41	0.17	4.36	36.38	11.42	-1.52	-1.45	-2.73	1.85	1.57	2.72	-5.27
MRBLD1TOR130_COS		-33.88	179.84	-15.16	24.07	14.73	-6.82	2.28	-6.03	5.75	2.54	3.89	-0.58	0.71	-0.02	-2.81	-3.16
MRBLD1TOR130_SIN		0.00	-58.20	36.99	-3.69	-6.22	4.74	7.50	27.17	5.45	-0.73	3.19	7.72	3.01	0.72	-3.09	3.85
MRBLD1TOR164_COS		-219.45	115.15	46.42	-1.77	-3.89	-13.87	-5.20	0.88	7.14	4.62	-0.06	0.13	1.90	2.97	-3.37	-2.93
MRBLD1TOR164_SIN		0.00	-18.32	13.12	-25.90	-8.74	4.33	8.34	17.61	4.44	-0.71	4.66	5.81	2.78	0.53	0.46	-3.29
MRFBM1CB26P5_COS		-4541.95	-573.52	-40.20	84.13	-0.78	-9.36	2.40	-13.52	-2.13	-1.12	5.36	0.54	0.68	0.26	-4.75	0.44
MRFBM1CB26P5_SIN		0.00	-136.73	26.91	-28.71	-19.12	-10.65	-15.17	-6.42	-9.31	-3.16	-1.22	2.74	0.42	1.16	4.02	-4.31
MRFBM1FB9_COS		386.87	-75.13	163.20	-114.33	21.32	13.86	8.05	12.05	-0.43	-2.07	-3.27	0.28	-0.11	0.29	2.71	-1.67
MRFBM1FB9_SIN		0.00	-9.07	-3.02	-77.02	-20.70	-1.39	5.09	4.12	5.79	2.13	1.01	-1.34	-0.95	-0.45	-0.96	2.73
MRFBM1TOR26P5_COS		-352.67	81.67	-0.85	0.39	-0.41	0.05	-0.04	-0.07	0.21	0.01	-0.14	0.03	0.02	0.01	0.19	0.08
MRFBM1TOR26P5_SIN		0.00	-98.10	0.30	0.00	-0.09	-0.32	0.22	0.09	0.21	0.07	-0.07	-0.19	0.00	0.05	0.04	0.02

RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1195.18	-1294.05	-73.58	273.99	-24.83	-54.06	-33.71	-98.15	1.03	21.46	11.74	0.95	-0.23	-0.49	-30.85	-4.55
MRPC1CB33P25_SIN		0.00	-141.17	39.29	-13.78	89.90	-14.49	-8.31	0.54	-49.99	-20.64	-44.53	23.42	5.30	5.07	34.04	-38.15
MRPC1FB33P25_COS		2286.62	140.05	-356.13	439.67	-116.88	-92.54	-81.56	-208.29	-52.89	1.36	90.21	16.89	17.27	8.91	-76.08	-8.38
MRPC1FB33P25_SIN		0.00	180.69	-51.36	165.02	100.43	43.28	-16.74	-24.96	-106.38	-84.48	-29.95	40.41	18.03	20.99	75.98	-104.58
MRPC1TOR25P5_COS		-761.77	-164.14	-15.45	-64.30	2.06	12.61	-2.55	4.63	-11.26	-0.74	11.11	-0.24	-5.12	-1.38	-10.16	-8.06
MRPC1TOR25P5_SIN		0.00	122.92	-106.39	4.29	-0.95	6.13	-1.57	-42.68	-10.94	3.31	4.63	10.67	-2.85	-1.05	-3.16	-0.89
MRPLK1LOAD_COS		-80.78	-13.29	1.49	-8.44	0.74	2.23	0.01	2.08	-1.34	-0.20	1.96	-0.60	-0.70	-0.27	-1.85	-1.39
MRPLK1LOAD_SIN		0.00	-11.69	-8.98	-1.14	-0.19	1.11	-0.42	-5.01	-1.17	0.25	1.09	1.82	-0.58	-0.32	-1.51	0.29
PITCHRH_COS		10065.52	-8973.11	-525.69	-30.22	-55.48	-382.29	-99.86	-21.54	138.56	-62.99	-23.26	-54.65	14.45	-20.63	-3.56	-322.14
PITCHRH_SIN		0.00	2795.81	-545.17	91.60	-66.15	476.10	17.58	175.99	74.43	-94.21	-288.28	59.18	10.88	89.46	-18.07	270.30
ROLLRH_COS		1079.35	-2261.42	565.32	-76.19	-91.89	-951.28	-204.71	-23.42	115.55	72.79	289.04	-75.76	-22.74	34.67	-47.03	-655.82
ROLLRH_SIN		0.00	-8769.51	-749.54	-29.41	67.88	321.59	-198.76	-30.30	25.93	-41.89	-73.96	-40.82	-13.29	-5.57	-29.09	-362.13
TORQ_COS		30786.84	459.83	-2.88	-1.94	-107.29	56.89	0.81	26.51	-7.47	-1.00	0.86	3.15	2.64	-0.86	-4.14	-5.55
TORQ_SIN		0.00	630.80	-14.06	24.20	-111.35	66.75	3.81	30.73	9.15	-5.72	1.48	1.92	-5.61	5.63	-8.56	-9.49
THRUST_COS		5839.52	-58.20	4.88	13.46	16.22	35.20	5.84	24.44	-3.69	-3.54	-20.53	0.89	1.67	0.73	0.75	18.34
THRUST_SIN		0.00	-87.18	11.70	10.23	34.50	-29.49	6.87	8.03	-4.85	2.06	29.65	-6.93	1.32	-2.09	-8.24	52.50

RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.75	8.40	-12.86	-3.74	-16.49	47.84	10.07	-1.30	-2.31	-3.12	-12.45	4.17	1.05	-1.15	0.97	19.17
SIDERH_SIN		0.00	216.73	14.63	3.91	-51.85	-86.24	11.57	-0.05	-1.15	2.59	3.10	2.81	0.83	0.30	0.59	10.21
DRAGRH_COS		-136.85	241.40	8.16	-0.65	-10.51	52.63	-14.13	-5.56	-2.32	2.76	6.32	4.45	-0.33	0.22	-1.14	13.73
DRAGRH_SIN		0.00	-72.13	13.29	-0.73	7.92	43.05	-17.28	1.96	2.95	5.46	14.86	-7.04	-0.94	-3.31	-0.01	-12.47

RUN	POINT	Harmonics															
48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-1.99	0.00	0.00	0.00	0.00	0.01	0.04	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.03	0.00	0.00	0.00	0.00	-0.03	-0.01	0.03	0.02	-0.02	0.00	0.01	0.00	0.00	-0.01
ACT1DISP_COS		2.65	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.75	-3.92	0.22	-1.87	-2.42	-0.82	0.25	1.14	-0.19	-0.42	0.14	0.20	0.16	0.00	0.13	0.15
ACT1FORCE_SIN		0.00	7.39	-0.92	0.79	1.54	-1.19	-0.63	-0.11	0.69	0.31	-0.57	0.07	0.18	-0.02	-0.16	0.06
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.05	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.88	-346.82	-6.03	11.85	14.75	7.64	0.04	0.04	-0.06	-0.03	0.08	-0.03	-0.05	-0.01	0.00	0.04
FA1IBVOLTAGE_SIN		0.00	35.87	0.88	-14.18	-10.14	8.96	-0.04	0.10	-0.03	-0.07	0.01	0.04	0.00	-0.01	-0.01	0.06
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.98	347.58	6.13	-11.85	-14.78	-7.66	-0.10	-0.04	0.07	0.03	-0.08	0.03	0.05	0.01	0.00	-0.03
FA1OBVOLTAGE_SIN		0.00	-36.20	-1.29	14.24	10.28	-8.88	0.07	-0.10	0.03	0.07	-0.01	-0.04	-0.01	0.01	0.01	-0.06
MRBLD1CB42P75_COS		-3439.54	-1178.71	-25.36	256.33	-13.24	-73.75	-52.90	-109.85	29.37	47.12	2.93	-3.97	-13.62	-11.54	-37.22	-12.75
MRBLD1CB42P75_SIN		0.00	-203.31	69.73	26.46	180.36	-20.41	7.50	1.95	-44.74	-5.78	-113.58	41.69	1.24	-1.86	35.71	-38.38

RUN	POINT	Harmonics															
48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2804.50	-697.06	253.44	162.15	31.82	-53.33	-66.44	-69.80	26.75	44.78	-18.24	1.76	-7.61	-8.00	-22.42	-14.55
MRBLD1CB70_SIN		0.00	-79.92	-11.38	87.98	308.51	13.70	67.76	22.01	-21.14	0.22	-81.34	20.00	3.24	-2.99	25.68	-36.13
MRBLD1CB120_COS		-561.67	-226.09	395.29	150.37	50.27	-8.49	-52.14	-17.78	-29.30	-15.81	29.07	7.85	9.31	9.35	0.95	3.88
MRBLD1CB120_SIN		0.00	106.92	-132.75	18.93	298.55	32.22	95.45	16.81	6.32	-16.37	62.81	-15.78	7.36	4.00	-4.06	-11.08
MRBLD1CB164_COS		-1954.86	-111.34	126.78	43.82	-24.76	1.02	1.69	33.55	-31.46	-25.06	34.21	7.42	8.02	6.98	12.84	2.75
MRBLD1CB164_SIN		0.00	76.89	-59.91	16.18	126.72	22.74	35.43	-1.22	-0.19	-28.25	63.82	-5.25	8.12	3.58	-13.20	26.95
MRBLD1FB42P75_COS		3018.98	161.34	-407.70	540.31	-101.49	-106.43	-105.99	-260.73	-125.61	-67.76	63.46	42.13	12.20	6.42	11.52	-98.33
MRBLD1FB42P75_SIN		0.00	37.55	66.89	49.12	224.66	76.70	22.82	44.33	-76.48	-93.33	-131.60	32.53	3.48	7.39	99.27	-37.33
MRBLD1FB70_COS		419.07	-3.00	-200.46	162.16	-39.89	-24.92	-14.09	-36.41	-5.56	3.06	-0.99	-1.36	-0.86	-1.77	-1.93	21.84
MRBLD1FB70_SIN		0.00	-211.86	52.98	8.05	59.72	5.37	8.29	17.61	-4.24	0.42	2.83	3.43	2.87	0.21	-20.91	6.56
MRBLD1FB87_COS		-71.26	14.30	-165.98	58.73	-46.01	-23.60	-3.18	25.33	19.23	15.26	-5.75	-7.24	-0.62	-0.38	-4.28	15.66
MRBLD1FB87_SIN		0.00	-212.50	62.26	43.77	31.69	-0.61	-2.62	-4.97	6.97	12.46	30.09	-7.29	0.55	-0.44	-19.91	9.13
MRBLD1FB120_COS		-474.32	-30.79	-244.08	30.47	-23.21	7.12	17.30	53.95	9.02	-9.78	-8.26	0.80	0.51	0.40	4.63	-23.90
MRBLD1FB120_SIN		0.00	-267.71	94.01	119.84	28.04	2.85	-20.23	-25.90	7.20	-0.18	-10.39	0.59	-6.23	-2.36	29.13	-14.13
MRBLD1FB164_COS		-177.12	214.14	-362.36	63.61	139.44	67.57	-8.98	-85.59	-16.58	10.58	6.44	0.75	-1.21	0.00	1.28	11.58
MRBLD1FB164_SIN		0.00	-335.93	193.23	146.90	-24.22	-12.03	16.45	28.68	-16.96	-5.70	20.58	-3.94	1.72	4.36	-9.92	10.94

RUN	POINT	Harmonics															
48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-224.50	162.73	-200.74	16.72	102.49	49.06	-32.78	-84.90	10.53	26.02	-19.35	-10.79	13.30	8.30	2.13	-30.79
MRBLD1FB180_SIN		0.00	-234.06	142.91	79.38	-13.80	-1.83	24.88	39.94	-19.09	-14.19	50.78	-9.36	-1.29	-10.61	27.94	-18.32
MRBLD1TOR51_COS		-1402.62	284.07	-42.15	63.10	-10.04	-26.49	-4.34	-18.04	10.85	3.97	-9.73	0.80	4.82	3.23	-3.92	0.94
MRBLD1TOR51_SIN		0.00	-65.75	96.78	13.64	11.19	-0.21	-0.93	25.88	5.80	-5.14	-4.09	-5.41	1.33	0.74	6.89	-10.04
MRBLD1TOR71_COS		-262.38	285.94	-47.76	40.37	-0.18	-15.14	3.68	-5.78	10.73	1.49	-11.39	0.44	4.40	3.30	-2.37	0.89
MRBLD1TOR71_SIN		0.00	-65.54	83.12	-1.63	-4.90	0.23	2.15	29.03	12.74	0.22	2.08	-4.79	1.22	0.61	2.53	-5.23
MRBLD1TOR130_COS		-35.44	284.87	-23.85	15.66	14.96	-8.35	3.20	-9.22	6.82	2.11	4.57	-2.43	0.51	-0.56	-3.27	-3.71
MRBLD1TOR130_SIN		0.00	-52.40	76.99	-6.42	-9.44	4.60	6.28	20.58	5.29	-1.30	3.05	9.14	2.88	1.04	-3.27	3.20
MRBLD1TOR164_COS		-217.96	190.77	44.39	-8.27	-5.80	-15.48	-4.22	0.01	7.68	4.38	-1.36	-1.29	0.84	1.51	-4.37	-4.48
MRBLD1TOR164_SIN		0.00	-11.37	35.86	-25.76	-6.30	2.69	7.71	15.59	4.11	-1.19	6.42	6.31	2.78	0.27	-0.39	-4.39
MRFBM1CB26P5_COS		-4511.36	-469.53	-47.41	81.11	1.59	-8.04	1.73	-13.73	-2.39	-1.03	9.07	0.18	-0.12	-0.07	-5.25	-0.43
MRFBM1CB26P5_SIN		0.00	-145.15	47.94	-34.34	-19.92	-13.30	-17.66	-5.90	-9.69	-4.44	-4.81	3.25	-0.07	0.71	3.17	-4.84
MRFBM1FB9_COS		367.81	-132.01	171.50	-114.53	26.03	16.14	9.24	11.88	-0.28	-2.33	-4.70	0.65	0.13	0.55	2.96	-1.23
MRFBM1FB9_SIN		0.00	31.76	-32.16	-69.51	-30.08	-0.40	5.91	7.26	6.25	2.60	2.04	-1.71	-0.46	0.09	-0.67	3.26
MRFBM1TOR26P5_COS		-352.91	82.14	-0.93	0.35	-0.39	0.03	-0.08	-0.09	0.21	0.02	-0.21	0.09	0.04	0.05	0.19	0.10
MRFBM1TOR26P5_SIN		0.00	-97.95	0.57	-0.08	-0.19	-0.29	0.21	0.03	0.24	0.13	-0.04	-0.24	0.00	0.04	0.03	0.01

RUN	POINT	Harmonics															
48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1154.69	-1095.41	-90.71	270.22	-27.45	-61.95	-39.50	-100.52	5.18	23.28	24.47	-0.57	-7.02	-6.96	-34.80	-11.27
MRPC1CB33P25_SIN		0.00	-183.33	96.08	-29.00	97.83	-20.66	-12.08	-12.74	-49.87	-23.49	-75.00	34.22	2.22	1.10	33.19	-40.35
MRPC1FB33P25_COS		2270.46	88.95	-362.08	438.43	-138.06	-109.53	-92.81	-221.29	-59.24	-1.41	121.89	9.37	3.98	-2.76	-82.26	-25.17
MRPC1FB33P25_SIN		0.00	191.87	-25.13	144.08	171.79	34.15	-21.16	-70.07	-115.53	-105.16	-63.23	51.22	10.74	10.03	71.45	-110.77
MRPC1TOR25P5_COS		-759.81	-282.17	-2.99	-52.65	2.40	16.46	-3.18	7.58	-13.28	-1.49	17.69	-0.98	-8.40	-4.26	-10.80	-9.68
MRPC1TOR25P5_SIN		0.00	113.52	-159.21	10.72	-4.60	5.42	-0.20	-33.82	-13.01	0.04	-1.83	15.18	-2.21	-0.82	-4.15	-1.57
MRPLK1LOAD_COS		-80.25	-27.61	2.88	-6.96	0.63	2.72	0.01	2.62	-1.70	-0.36	2.93	-0.83	-1.14	-0.76	-1.95	-1.64
MRPLK1LOAD_SIN		0.00	-12.41	-15.37	-0.28	-0.71	1.13	-0.19	-3.66	-1.36	-0.27	0.40	2.53	-0.49	-0.23	-1.60	0.26
PITCHRH_COS		11117.54	-8970.33	-556.31	-32.25	-59.74	-283.89	-100.24	-0.60	187.60	-62.49	-39.36	-30.61	-16.97	2.31	-28.01	-345.52
PITCHRH_SIN		0.00	2779.63	-459.94	118.12	-38.77	677.96	77.81	127.10	64.61	-125.80	-272.60	56.31	16.82	46.49	-28.61	279.02
ROLLRH_COS		-118.36	-2208.09	493.52	-17.98	-112.68	-1288.95	-219.84	-12.16	143.40	110.23	317.82	-66.46	-68.22	7.87	-109.40	-687.72
ROLLRH_SIN		0.00	-8827.46	-750.46	16.44	88.58	460.12	-92.83	-50.37	41.61	-36.41	-56.57	-24.09	12.89	-21.38	-39.69	-331.48
TORQ_COS		31303.29	473.10	-2.47	-4.07	-131.91	50.62	0.52	22.42	-13.03	-1.47	-7.01	0.79	4.48	-2.77	-4.12	-6.05
TORQ_SIN		0.00	592.07	-16.08	22.45	-67.84	68.94	3.79	13.96	6.00	-4.35	14.35	-0.32	-6.88	5.48	-8.56	-7.17
THRUST_COS		5778.39	-59.84	5.59	11.43	21.93	38.05	7.97	18.11	-1.13	-4.61	-26.83	-0.69	6.35	0.05	4.91	27.49
THRUST_SIN		0.00	-91.29	12.47	5.66	30.43	-26.51	5.03	2.00	-3.14	4.44	37.65	-7.78	1.78	-0.99	-10.02	52.71

RUN	POINT	Harmonics															
48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.78	3.41	-11.95	-2.23	-22.44	57.44	15.49	-2.61	-3.32	-4.81	-13.46	3.84	2.55	-0.46	2.94	19.99
SIDERH_SIN		0.00	230.82	13.47	5.06	-56.09	-110.37	9.77	0.31	-1.07	2.61	1.92	1.69	-0.35	0.70	0.95	9.13
DRAGRH_COS		-131.27	243.44	6.96	-2.34	-10.83	60.98	-10.52	-2.93	-3.53	0.37	5.91	2.46	-0.74	-0.19	0.62	14.87
DRAGRH_SIN		0.00	-72.15	13.71	0.04	10.25	62.91	-18.97	4.38	5.24	7.41	13.33	-5.87	-0.64	-1.13	0.10	-12.14

RUN	POINT	Harmonics															
48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	-2.98	-0.01	0.00	0.00	0.00	0.01	0.04	0.00	-0.02	-0.01	0.01	0.01	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.04	0.00	0.00	0.00	0.00	-0.04	0.00	0.03	0.02	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.03	-4.94	0.29	-0.62	-2.33	-0.80	0.28	1.03	-0.17	-0.49	0.09	0.33	0.24	0.09	0.19	0.27
ACT1FORCE_SIN		0.00	6.42	-1.97	0.40	1.87	-0.98	-0.55	0.12	0.86	0.39	-0.53	0.01	0.17	0.09	-0.07	0.19
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.63	-449.93	-7.66	0.47	12.68	6.63	0.03	0.02	-0.09	-0.05	0.10	-0.01	-0.03	-0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	90.16	9.02	-16.17	-11.81	7.69	0.01	0.10	-0.03	-0.09	0.00	0.07	0.01	-0.02	-0.01	0.08
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.46	451.20	8.00	-0.34	-12.63	-6.62	-0.15	-0.02	0.09	0.04	-0.10	0.02	0.03	0.03	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-91.04	-10.08	16.13	11.89	-7.57	0.04	-0.09	0.04	0.09	0.01	-0.07	-0.01	0.02	0.01	-0.08
MRBLD1CB42P75_COS		-3425.69	-1106.99	-31.15	266.07	-19.26	-69.37	-52.13	-77.89	38.53	48.31	-17.91	13.05	-8.89	-10.70	-39.94	-5.54
MRBLD1CB42P75_SIN		0.00	-367.55	122.80	24.83	169.63	-36.79	3.82	-9.19	-37.15	-2.06	-121.53	24.21	-4.63	-5.65	28.54	-40.04

RUN	POINT	Harmonics															
48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2816.47	-638.93	255.61	169.96	32.18	-37.10	-75.18	-49.24	34.36	46.35	-38.98	13.40	-7.58	-10.29	-22.35	-12.33
MRBLD1CB70_SIN		0.00	-175.97	16.57	95.80	291.80	-7.86	61.52	13.33	-14.53	4.20	-77.93	7.43	0.81	-6.38	19.66	-39.44
MRBLD1CB120_COS		-558.69	-172.55	403.06	155.61	48.23	12.10	-65.27	-14.47	-28.33	-13.42	43.66	1.60	7.84	9.34	2.81	5.03
MRBLD1CB120_SIN		0.00	80.93	-119.93	27.12	284.70	10.92	86.30	8.71	1.53	-22.29	63.33	-6.36	10.45	5.51	-3.31	-11.75
MRBLD1CB164_COS		-1958.21	-111.27	129.26	52.05	-30.39	9.59	-5.50	24.91	-33.53	-22.16	53.89	-0.76	7.88	8.67	11.11	1.37
MRBLD1CB164_SIN		0.00	67.39	-62.26	16.33	119.06	16.73	31.61	-2.20	-6.93	-34.48	59.83	3.19	10.04	6.81	-8.78	30.21
MRBLD1FB42P75_COS		3017.82	157.04	-408.01	580.97	-153.60	-118.21	-93.46	-221.25	-118.67	-72.39	49.94	50.28	14.90	2.20	-7.67	-94.73
MRBLD1FB42P75_SIN		0.00	75.70	103.78	38.84	223.87	72.06	18.48	-1.07	-80.87	-103.51	-161.36	23.92	-0.71	4.10	95.03	-52.64
MRBLD1FB70_COS		417.61	-1.43	-202.20	177.56	-55.64	-28.28	-13.11	-29.70	-4.86	2.67	-1.97	-2.55	-1.79	-1.41	1.51	20.52
MRBLD1FB70_SIN		0.00	-214.67	68.43	4.37	58.46	2.24	5.52	7.97	-5.08	-0.36	2.73	3.00	2.65	0.56	-19.67	9.76
MRBLD1FB87_COS		-73.46	9.32	-168.78	70.16	-51.30	-23.82	-4.05	21.49	18.91	17.40	-0.54	-8.02	-0.40	1.33	1.69	16.75
MRBLD1FB87_SIN		0.00	-215.45	68.63	41.17	32.26	-0.90	-2.45	-0.94	7.22	14.49	35.92	-3.96	2.45	0.16	-19.68	12.62
MRBLD1FB120_COS		-471.11	-57.18	-247.69	47.01	-24.40	11.70	16.42	44.00	7.25	-11.22	-11.14	0.20	-0.37	-3.23	-4.79	-26.06
MRBLD1FB120_SIN		0.00	-273.64	90.00	119.32	27.32	6.53	-16.28	-12.11	9.70	1.56	-10.85	0.53	-5.71	-2.64	29.05	-18.00
MRBLD1FB164_COS		-179.18	287.83	-378.51	67.57	157.72	66.60	-14.61	-71.62	-12.33	14.49	12.93	2.62	0.33	2.22	7.38	13.80
MRBLD1FB164_SIN		0.00	-338.29	233.49	152.02	-18.84	-11.11	10.62	9.80	-20.34	-8.66	22.38	-2.33	1.73	4.18	-9.81	12.69

RUN	POINT	Harmonics															
48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-226.06	235.59	-207.78	11.70	110.94	47.09	-38.18	-75.21	15.07	35.34	-5.87	-11.76	12.14	4.33	-9.47	-33.64
MRBLD1FB180_SIN		0.00	-237.03	178.18	86.99	-8.72	0.41	22.88	23.51	-20.44	-14.78	59.69	-0.93	4.74	-8.87	28.07	-21.88
MRBLD1TOR51_COS		-1402.20	389.18	-52.38	56.13	-14.26	-25.43	-1.91	-9.37	13.95	5.44	-8.84	0.00	3.31	1.81	-6.42	0.69
MRBLD1TOR51_SIN		0.00	-57.99	143.45	12.89	8.08	-1.41	-3.08	17.89	7.30	-4.28	-1.25	-4.82	1.89	0.12	4.42	-10.42
MRBLD1TOR71_COS		-262.70	384.94	-57.52	32.54	-2.69	-14.61	5.54	-0.35	12.83	2.55	-10.08	-0.58	3.28	2.17	-3.96	0.69
MRBLD1TOR71_SIN		0.00	-56.47	124.90	-2.55	-6.75	-0.19	-0.06	22.68	13.63	0.86	5.37	-4.00	2.01	0.69	1.06	-5.91
MRBLD1TOR130_COS		-36.01	388.49	-32.88	6.50	14.34	-8.08	4.67	-3.48	8.69	2.77	5.48	-1.61	1.22	0.79	-1.22	-3.73
MRBLD1TOR130_SIN		0.00	-44.02	117.38	-6.36	-10.27	3.60	3.99	14.59	5.19	-2.88	1.29	8.47	2.35	1.36	-1.74	3.05
MRBLD1TOR164_COS		-217.11	264.72	41.57	-16.51	-8.68	-15.36	-3.37	1.68	8.30	5.07	-0.64	-2.12	0.26	1.79	-3.45	-3.70
MRBLD1TOR164_SIN		0.00	-4.71	59.57	-25.59	-8.44	2.11	6.72	13.26	4.22	-1.70	7.07	6.94	2.96	0.41	-0.21	-5.24
MRFBM1CB26P5_COS		-4500.35	-436.68	-50.48	81.18	0.50	-10.20	4.40	-9.78	-1.98	-0.84	10.65	0.60	1.03	0.62	-6.28	1.15
MRFBM1CB26P5_SIN		0.00	-217.86	70.58	-39.12	-17.14	-13.92	-16.83	-6.47	-9.17	-4.86	-8.16	3.24	-0.05	0.95	2.26	-4.81
MRFBM1FB9_COS		367.58	-134.31	173.74	-125.21	31.95	16.36	8.12	8.46	-0.84	-2.69	-4.88	-0.14	-0.10	0.43	2.73	-1.75
MRFBM1FB9_SIN		0.00	79.43	-62.46	-70.51	-27.26	1.12	5.96	7.51	5.91	2.60	2.77	-1.73	-0.40	0.25	-0.25	3.12
MRFBM1TOR26P5_COS		-352.92	83.36	-1.06	0.26	-0.43	0.08	-0.07	-0.02	0.27	0.04	-0.27	0.07	0.02	0.03	0.16	0.11
MRFBM1TOR26P5_SIN		0.00	-97.05	1.02	-0.04	-0.30	-0.29	0.17	-0.06	0.32	0.23	0.00	-0.24	0.02	0.02	0.01	0.04

RUN	POINT	Harmonics															
48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1146.58	-1034.53	-95.91	277.67	-36.60	-63.32	-35.43	-73.31	11.72	24.17	15.16	10.66	-3.05	-6.08	-38.54	-3.99
MRPC1CB33P25_SIN		0.00	-336.03	150.11	-34.87	93.48	-30.26	-13.82	-23.22	-44.80	-23.37	-86.64	24.29	-1.52	-1.57	26.06	-42.54
MRPC1FB33P25_COS		2269.10	77.84	-365.99	475.66	-180.20	-115.94	-81.40	-171.09	-51.27	0.98	128.57	21.68	8.76	-2.33	-89.05	-8.81
MRPC1FB33P25_SIN		0.00	228.56	0.42	142.84	158.20	26.81	-20.06	-89.32	-114.93	-115.65	-92.50	50.29	9.55	4.29	52.43	-116.22
MRPC1TOR25P5_COS		-758.52	-394.18	6.19	-41.87	5.39	16.60	-5.55	0.85	-15.90	-3.16	16.13	2.47	-5.93	-1.95	-6.66	-7.46
MRPC1TOR25P5_SIN		0.00	106.65	-210.89	12.60	-3.59	6.78	2.30	-25.55	-14.33	-1.92	-7.09	13.03	-2.79	-0.30	-2.20	-2.29
MRPLK1LOAD_COS		-80.24	-41.66	4.11	-5.78	1.25	2.52	-0.28	1.54	-2.25	-0.69	3.03	-0.36	-0.85	-0.48	-1.11	-1.50
MRPLK1LOAD_SIN		0.00	-13.52	-21.73	-0.15	-0.36	1.35	0.11	-2.36	-1.60	-0.71	-0.34	2.41	-0.61	-0.12	-1.09	0.02
PITCHRH_COS		11234.81	-8988.25	-551.08	-34.50	-66.71	-369.13	-113.58	-26.27	211.01	-48.80	-46.49	-43.08	-2.03	31.84	-23.20	-371.09
PITCHRH_SIN		0.00	2748.30	-427.21	132.77	-2.38	689.97	47.77	152.59	101.78	-143.85	-253.09	8.10	-11.04	48.57	-16.96	199.22
ROLLRH_COS		-1414.87	-2133.84	505.97	-1.33	-157.17	-1381.53	-213.44	12.24	156.36	75.21	354.98	-38.69	-23.80	17.73	-69.92	-621.70
ROLLRH_SIN		0.00	-8876.95	-742.34	30.79	113.32	122.50	-134.04	-50.81	63.16	-11.58	-67.86	-21.50	-2.64	-23.11	-36.85	-388.96
TORQ_COS		31501.59	432.17	0.29	-6.38	-144.73	52.83	3.41	9.31	-17.08	-2.25	-13.75	2.18	2.13	-4.87	-3.40	-6.10
TORQ_SIN		0.00	585.22	-18.67	23.36	-65.00	82.92	4.54	17.87	4.90	-6.07	25.16	1.80	-2.75	3.81	-11.55	-3.50
THRUST_COS		5772.76	-53.60	5.59	11.52	25.33	43.29	7.13	12.35	-2.66	-6.12	-26.95	-0.12	1.68	-1.33	4.36	19.10
THRUST_SIN		0.00	-96.82	16.43	0.56	32.18	-21.04	5.23	11.82	-1.91	5.15	43.74	-3.53	1.96	-3.08	-5.83	54.58

RUN	POINT	Harmonics															
48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-186.41	11.46	-12.51	-2.82	-30.82	75.82	11.79	-2.79	-3.62	-3.24	-14.56	2.32	1.04	-0.82	1.77	18.34
SIDERH_SIN		0.00	232.75	12.72	5.50	-59.03	-99.91	12.68	-0.67	-1.35	1.60	2.18	1.51	0.45	0.76	1.00	10.64
DRAGRH_COS		-128.34	243.74	5.55	-2.51	-12.91	43.97	-5.70	-6.54	-3.22	-0.39	5.93	3.11	0.08	-1.04	-0.01	15.75
DRAGRH_SIN		0.00	-71.91	15.25	0.87	17.08	68.92	-13.28	1.27	5.33	9.14	14.68	-3.31	-0.94	-0.55	-0.24	-9.87

RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	1.48	0.00	0.00	0.00	0.00	0.04	0.01	-0.01	-0.02	0.00	0.02	0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.01	-0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.71	1.06	3.35	-4.82	-4.20	-1.09	-1.01	1.26	0.25	-0.06	-0.23	0.08	0.69	0.52	0.41	0.05
ACT1FORCE_SIN		0.00	12.88	9.24	4.58	0.28	-1.29	0.02	-0.31	0.76	0.00	-0.73	0.10	-0.14	0.31	-0.05	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.89	-13.22	262.49	26.50	28.37	11.12	9.21	0.00	0.03	0.00	0.02	-0.04	0.03	-0.03	-0.03	0.04
FA1IBVOLTAGE_SIN		0.00	-75.11	-125.91	-33.78	1.84	4.29	-6.53	-0.22	-0.01	-0.04	-0.11	0.01	0.06	0.10	0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.40	13.43	-262.91	-26.70	-28.78	-11.34	-9.26	-0.01	-0.09	0.01	-0.01	0.04	-0.04	0.02	0.04	-0.06
FA1OBVOLTAGE_SIN		0.00	75.27	126.55	33.97	-2.25	-4.38	6.41	0.15	-0.02	0.04	0.10	0.00	-0.05	-0.10	-0.01	0.00
MRBLD1CB42P75_COS		-4246.41	-1021.44	5.61	307.22	-64.17	-85.75	-12.89	-157.87	52.67	34.51	12.20	6.30	-6.02	-15.59	-53.15	1.58
MRBLD1CB42P75_SIN		0.00	38.20	-49.78	97.35	200.04	-11.66	22.93	25.35	-64.02	-18.88	-87.05	22.27	5.03	-5.85	15.46	-33.49

RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.95	-637.66	271.22	187.89	-22.58	-103.14	-39.22	-106.61	37.29	26.57	-9.92	9.88	-2.27	-10.99	-40.10	0.70
MRBLD1CB70_SIN		0.00	65.93	-81.71	147.40	322.91	-1.26	71.80	49.31	-36.08	-12.55	-80.64	8.63	5.45	-3.31	12.82	-29.84
MRBLD1CB120_COS		-468.22	-283.35	377.89	176.79	10.83	-72.23	-45.30	-51.17	-31.68	8.18	24.39	2.96	4.89	11.48	1.44	3.39
MRBLD1CB120_SIN		0.00	152.58	-171.17	65.32	311.23	-7.39	86.85	45.34	-0.53	1.82	51.24	-4.92	5.50	6.22	-2.44	-8.87
MRBLD1CB164_COS		-1953.24	-103.14	145.57	41.71	-32.51	-23.04	-13.15	31.93	-35.35	1.89	26.16	-0.97	6.00	8.23	22.59	-6.15
MRBLD1CB164_SIN		0.00	91.09	-56.10	49.91	128.67	2.67	23.76	1.17	4.55	-5.66	66.46	1.83	4.16	6.12	-4.25	21.87
MRBLD1FB42P75_COS		3240.68	100.85	-419.86	630.10	-87.89	-99.97	-36.82	-341.61	-97.59	8.43	95.88	45.50	23.06	1.27	-28.89	-75.13
MRBLD1FB42P75_SIN		0.00	-1.37	13.35	164.60	250.91	54.29	13.21	172.97	-123.00	-106.83	-87.79	19.80	8.36	8.60	109.39	-49.34
MRBLD1FB70_COS		407.24	6.47	-192.98	183.50	-39.37	-24.09	3.49	-48.91	-3.45	4.24	-1.86	-3.05	-2.25	-0.80	7.16	16.71
MRBLD1FB70_SIN		0.00	-203.91	29.89	53.15	64.64	0.58	7.20	41.60	-8.61	0.80	4.33	3.65	1.92	0.18	-22.30	9.71
MRBLD1FB87_COS		-87.98	33.08	-153.12	63.39	-48.60	-24.73	-3.82	34.40	14.55	2.74	-12.74	-7.82	-3.02	0.89	4.15	10.81
MRBLD1FB87_SIN		0.00	-205.09	54.72	74.20	29.20	-3.91	-5.35	-15.98	12.86	13.60	19.89	-3.28	-0.52	-0.74	-22.29	10.05
MRBLD1FB120_COS		-483.36	34.56	-207.86	15.62	-27.41	6.04	-2.25	71.60	5.20	-11.33	-5.48	2.00	2.71	-1.29	-7.89	-17.06
MRBLD1FB120_SIN		0.00	-258.23	101.01	159.46	18.43	5.48	-20.30	-58.01	17.33	1.62	-9.43	-1.70	-3.80	-1.44	33.31	-15.12
MRBLD1FB164_COS		-191.94	90.43	-446.14	80.02	108.42	50.75	9.95	-109.88	-8.56	14.39	4.64	-1.64	-1.55	3.92	6.73	5.60
MRBLD1FB164_SIN		0.00	-292.82	117.84	144.12	-24.76	-19.97	16.66	71.30	-31.36	-5.94	17.16	-0.21	0.11	3.26	-13.09	10.55

RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.97	13.00	-317.13	38.14	93.00	23.26	-19.36	-92.86	20.56	10.22	-32.90	-6.43	13.86	8.69	-8.88	-17.94
MRBLD1FB180_SIN		0.00	-188.89	78.25	50.23	-7.56	-9.63	12.33	75.35	-27.81	-11.68	34.82	-0.65	-2.74	-7.39	37.31	-17.06
MRBLD1TOR51_COS		-1406.11	70.87	-207.24	111.49	5.67	-24.19	3.99	-34.08	15.92	4.96	-12.57	-1.15	6.01	5.67	-7.55	2.46
MRBLD1TOR51_SIN		0.00	-28.12	-13.32	-27.49	34.13	7.32	12.72	44.90	-1.39	-7.07	-6.72	-3.78	-1.41	2.11	9.07	-6.33
MRBLD1TOR71_COS		-261.74	83.10	-203.74	82.36	15.90	-12.04	8.02	-15.22	12.78	0.63	-13.96	-1.68	5.02	5.71	-4.15	1.27
MRBLD1TOR71_SIN		0.00	-32.87	-16.90	-45.54	14.79	8.83	14.28	43.74	7.86	-1.66	-1.78	-2.95	-1.40	1.70	3.66	-3.13
MRBLD1TOR130_COS		-19.60	73.59	-184.74	50.69	28.76	-6.88	7.79	-19.10	9.27	4.15	3.23	-1.15	-0.27	-1.02	-1.31	-3.54
MRBLD1TOR130_SIN		0.00	-15.66	-18.58	-57.95	6.72	12.54	14.91	34.12	1.77	0.42	5.24	8.03	2.65	-0.36	-6.38	1.74
MRBLD1TOR164_COS		-216.20	34.58	-73.58	13.63	5.17	-15.67	1.74	-0.47	5.54	1.87	-0.48	0.45	-0.10	0.45	-5.00	-3.99
MRBLD1TOR164_SIN		0.00	10.48	-23.70	-66.31	5.08	6.82	10.32	22.02	3.90	-1.12	4.94	6.14	4.40	-0.87	-4.72	-4.64
MRFBM1CB26P5_COS		-4816.65	-387.31	-36.97	94.57	-6.28	2.06	5.37	-15.00	2.32	2.68	9.08	0.27	0.10	0.26	-5.12	-0.25
MRFBM1CB26P5_SIN		0.00	-38.81	1.19	-25.69	-18.35	-3.74	-14.29	-6.84	-10.32	-2.40	3.22	2.57	0.66	0.14	1.53	-4.18
MRFBM1FB9_COS		333.57	-212.61	162.13	-123.28	26.77	15.11	4.04	19.87	-2.73	-3.69	-4.13	-0.07	0.09	0.49	3.06	-1.99
MRFBM1FB9_SIN		0.00	-7.89	19.25	-108.30	-32.77	3.17	3.52	5.06	6.36	1.38	0.34	-1.55	-0.84	0.24	0.55	2.10
MRFBM1TOR26P5_COS		-354.45	80.81	-1.81	0.37	-0.08	-0.10	-0.06	-0.13	0.18	-0.06	-0.21	0.04	0.04	0.05	0.17	0.10
MRFBM1TOR26P5_SIN		0.00	-99.88	0.07	-0.28	0.21	-0.31	0.29	0.10	0.22	0.04	-0.17	-0.15	-0.01	0.11	0.20	0.06

RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1031.75	-950.11	-77.52	327.07	-61.49	-54.94	-2.84	-144.22	29.09	27.39	30.29	5.56	-1.09	-8.97	-48.73	1.21
MRPC1CB33P25_SIN		0.00	36.64	-19.88	23.60	111.93	-8.46	-0.21	8.61	-66.26	-23.58	-45.72	21.06	6.00	-1.99	16.23	-35.25
MRPC1FB33P25_COS		2277.01	42.08	-350.78	483.97	-133.70	-99.09	-32.72	-331.83	-16.24	61.77	120.06	20.60	8.32	-6.57	-116.03	1.09
MRPC1FB33P25_SIN		0.00	154.11	-64.32	254.34	193.25	16.59	-6.79	-4.25	-137.43	-75.54	-11.76	43.57	21.74	5.74	38.48	-96.13
MRPC1TOR25P5_COS		-779.72	-62.10	184.52	-108.57	-15.28	12.25	-10.40	20.58	-18.09	-1.42	20.91	2.64	-9.10	-7.88	-10.39	-7.88
MRPC1TOR25P5_SIN		0.00	80.67	-37.25	60.14	-22.05	-5.28	-13.21	-50.58	-6.24	5.71	4.34	11.13	2.79	-3.00	-15.21	-6.38
MRPLK1LOAD_COS		-85.27	2.18	25.88	-13.54	-1.90	2.53	-0.96	4.38	-2.20	-0.40	3.26	-0.18	-1.27	-1.09	-1.49	-1.55
MRPLK1LOAD_SIN		0.00	-17.34	-0.47	6.21	-3.98	-0.18	-2.14	-6.39	-0.42	0.52	1.35	1.81	0.07	-0.62	-3.67	-0.67
PITCHRH_COS		12371.00	-8795.86	-580.91	64.50	-67.98	-248.20	-135.70	-98.59	71.72	3.05	205.82	-77.05	1.47	-27.56	-23.91	-440.41
PITCHRH_SIN		0.00	2353.97	-735.34	109.06	-106.32	817.81	-24.33	43.78	-87.46	-84.49	-219.91	65.18	-13.08	56.41	-37.92	164.49
ROLLRH_COS		1239.20	-2040.59	802.64	-92.60	-193.31	-1272.56	-205.56	0.30	129.10	101.18	264.03	-82.67	-8.02	39.55	-14.59	-660.29
ROLLRH_SIN		0.00	-8421.53	-641.37	38.02	-13.68	12.46	-162.22	-47.67	87.01	-29.45	87.48	-50.38	16.25	16.84	-79.34	-718.77
TORQ_COS		30459.93	401.77	8.10	-12.38	-60.44	36.71	-5.90	-0.76	-27.23	1.53	-16.76	1.80	3.50	-4.64	-4.71	17.46
TORQ_SIN		0.00	776.16	-20.23	21.57	-64.63	3.47	7.06	38.21	3.70	-6.65	-11.87	0.86	-7.15	7.55	-7.75	-19.82
THRUST_COS		5850.25	-56.84	-11.02	19.37	13.59	41.08	2.71	4.35	-2.05	-4.69	-40.50	0.74	1.95	-0.94	3.93	9.89
THRUST_SIN		0.00	-68.38	1.05	18.27	24.62	-22.94	5.74	26.56	-1.38	1.39	18.19	-7.23	1.09	0.27	-6.11	50.66

RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.19	36.19	-16.48	-1.18	24.56	58.30	17.57	-1.57	-4.28	-5.12	-9.50	4.33	0.17	-1.28	0.18	19.53
SIDERH_SIN		0.00	171.94	13.85	3.47	-34.74	-70.81	11.33	0.36	-1.21	2.44	-2.43	2.82	-0.28	-0.44	2.01	20.49
DRAGRH_COS		-114.04	230.26	15.56	-3.52	-4.54	53.43	-9.75	-2.76	-3.01	-3.70	-6.16	3.95	-0.33	1.54	1.19	18.25
DRAGRH_SIN		0.00	-63.21	11.22	-2.49	2.55	62.53	-24.12	-0.92	6.91	6.11	9.97	-6.85	1.69	-1.61	0.56	-6.14

RUN	POINT	Harmonics															
44	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.48	0.00	0.00	0.00	0.00	0.04	0.00	-0.01	-0.02	0.00	0.02	0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.02	0.00	-0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.08	0.98	4.03	-4.90	-4.07	-1.06	-1.06	1.16	0.19	-0.06	-0.23	0.13	0.73	0.46	0.35	0.06
ACT1FORCE_SIN		0.00	12.74	9.27	4.55	0.17	-1.29	0.10	-0.14	0.77	0.03	-0.76	-0.02	-0.11	0.26	-0.08	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.85	-12.83	257.85	27.01	27.38	10.54	9.26	0.03	0.05	0.04	0.08	0.04	0.08	-0.02	-0.01	0.04
FA1IBVOLTAGE_SIN		0.00	-74.61	-125.62	-33.86	3.29	4.45	-7.12	-0.24	-0.05	-0.05	-0.11	0.01	0.08	0.10	0.00	0.04
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.39	13.03	-258.26	-27.21	-27.79	-10.76	-9.29	-0.03	-0.10	-0.03	-0.07	-0.02	-0.08	0.03	0.01	-0.04
FA1OBVOLTAGE_SIN		0.00	74.76	126.25	34.03	-3.69	-4.55	7.00	0.16	0.02	0.05	0.10	-0.01	-0.06	-0.08	0.00	-0.04
MRBLD1CB42P75_COS		-4246.75	-1027.18	-39.68	296.95	-60.82	-80.58	-15.81	-127.66	57.78	33.80	23.64	3.92	-6.29	-12.50	-49.13	-2.44
MRBLD1CB42P75_SIN		0.00	-6.40	-55.57	107.82	211.25	-14.38	16.40	0.89	-61.18	-15.50	-90.77	26.62	6.55	-2.69	21.45	-32.73

RUN	POINT	Harmonics															
44	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2788.07	-638.79	249.27	174.29	-23.47	-90.29	-39.80	-87.40	42.38	25.91	1.46	7.34	-3.48	-9.04	-35.08	-2.50
MRBLD1CB70_SIN		0.00	41.26	-85.23	153.51	344.85	-8.31	71.77	30.98	-33.50	-11.03	-79.95	11.20	4.76	-2.21	14.42	-32.23
MRBLD1CB120_COS		-484.30	-281.85	371.20	162.06	12.80	-60.86	-45.79	-43.78	-25.74	8.67	16.41	4.21	4.78	9.27	-0.09	3.00
MRBLD1CB120_SIN		0.00	144.90	-171.87	71.65	334.07	-16.50	93.64	37.59	1.28	1.50	57.01	-5.63	5.98	5.38	-3.47	-9.96
MRBLD1CB164_COS		-1959.61	-101.96	147.46	34.01	-31.07	-17.11	-13.51	24.57	-32.43	3.92	16.08	1.20	6.35	7.79	19.84	-4.64
MRBLD1CB164_SIN		0.00	90.25	-56.46	53.86	137.51	-1.08	29.88	5.56	4.42	-6.08	68.50	1.68	6.44	6.77	-4.13	25.29
MRBLD1FB42P75_COS		3244.25	103.01	-452.16	606.26	-62.73	-105.72	-50.00	-303.61	-81.90	13.42	92.91	48.79	25.06	3.54	-20.61	-82.87
MRBLD1FB42P75_SIN		0.00	6.16	10.95	207.71	245.46	45.54	-2.42	103.59	-129.59	-103.40	-85.02	22.88	10.90	11.97	114.15	-43.64
MRBLD1FB70_COS		410.76	5.90	-205.69	176.00	-31.49	-24.11	1.07	-42.06	-0.89	5.39	-1.28	-2.40	-1.93	-0.64	6.11	18.68
MRBLD1FB70_SIN		0.00	-203.75	28.20	68.21	63.60	-1.74	3.80	28.48	-9.90	0.49	3.30	3.14	1.63	-0.66	-23.52	8.17
MRBLD1FB87_COS		-83.77	32.37	-160.39	58.38	-46.11	-24.31	-3.18	30.65	12.59	1.96	-12.63	-8.86	-3.75	-0.04	1.60	11.68
MRBLD1FB87_SIN		0.00	-204.59	53.12	82.74	28.48	-3.55	-3.94	-9.23	14.21	13.82	20.60	-3.81	-0.99	-1.16	-22.84	9.22
MRBLD1FB120_COS		-476.89	32.48	-213.93	11.02	-30.63	6.77	0.42	63.27	2.10	-12.21	-4.69	3.17	3.87	-0.29	-4.97	-18.97
MRBLD1FB120_SIN		0.00	-255.80	99.27	167.20	16.54	5.99	-17.38	-40.25	17.04	0.13	-10.77	-1.80	-4.26	-1.72	33.76	-14.29
MRBLD1FB164_COS		-184.10	86.58	-468.29	76.56	95.98	47.88	7.17	-93.45	-4.44	15.61	3.70	-2.19	-1.63	3.27	4.75	6.37
MRBLD1FB164_SIN		0.00	-287.98	116.75	152.56	-23.30	-16.96	14.84	47.35	-31.69	-3.69	19.81	0.98	0.66	3.29	-13.22	10.29

RUN	POINT	Harmonics															
44	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-215.75	10.99	-333.58	37.87	85.49	20.34	-21.96	-78.69	24.43	10.68	-29.96	-5.29	14.45	9.87	-6.67	-22.03
MRBLD1FB180_SIN		0.00	-185.53	77.90	52.00	-7.07	-8.69	9.55	52.03	-28.03	-9.60	37.92	-1.67	-2.56	-6.49	38.50	-14.98
MRBLD1TOR51_COS		-1405.47	69.80	-216.29	107.32	6.05	-23.80	2.34	-27.39	16.33	5.36	-11.98	-0.92	6.08	5.15	-8.35	1.11
MRBLD1TOR51_SIN		0.00	-27.08	-14.86	-23.77	35.93	5.42	10.16	32.55	-2.16	-5.89	-5.43	-3.95	-0.94	2.68	9.52	-7.56
MRBLD1TOR71_COS		-260.31	82.35	-210.38	80.17	15.72	-11.81	6.90	-11.74	12.66	1.03	-13.66	-1.42	5.09	5.24	-4.72	0.39
MRBLD1TOR71_SIN		0.00	-31.19	-18.26	-43.33	16.04	7.52	12.39	34.22	6.89	-0.98	-0.77	-3.40	-1.24	1.95	3.62	-4.07
MRBLD1TOR130_COS		-17.90	73.32	-189.98	50.60	27.67	-6.60	6.85	-14.79	9.98	4.84	3.65	-0.82	-0.22	-0.80	-0.65	-3.06
MRBLD1TOR130_SIN		0.00	-13.97	-19.57	-57.82	8.24	11.90	13.40	25.61	1.16	0.78	5.32	8.13	2.59	-0.50	-6.68	2.35
MRBLD1TOR164_COS		-215.84	34.97	-72.89	15.01	6.46	-14.87	1.50	-0.04	5.42	1.86	0.12	0.77	-0.08	0.52	-4.59	-4.04
MRBLD1TOR164_SIN		0.00	11.43	-23.44	-67.76	6.44	6.63	9.60	18.61	3.39	-1.12	5.42	6.30	3.96	-1.09	-4.24	-3.95
MRFBM1CB26P5_COS		-4812.92	-389.80	-56.71	95.66	-5.73	-0.13	4.70	-11.93	2.07	2.45	7.77	0.24	0.07	-0.09	-5.81	-0.74
MRFBM1CB26P5_SIN		0.00	-58.22	-1.31	-24.00	-20.62	-2.75	-15.80	-9.29	-10.34	-2.07	2.00	2.74	1.03	0.34	2.31	-4.10
MRFBM1FB9_COS		330.29	-205.64	187.51	-113.43	24.51	14.73	4.29	15.70	-3.48	-3.66	-4.40	0.10	0.19	0.54	3.23	-1.89
MRFBM1FB9_SIN		0.00	-1.64	24.40	-116.14	-33.82	4.37	4.68	6.24	5.84	1.08	0.18	-1.66	-0.92	0.08	0.20	2.48
MRFBM1TOR26P5_COS		-354.70	80.70	-1.82	0.37	-0.11	-0.10	-0.08	-0.09	0.17	-0.05	-0.20	0.03	0.05	0.05	0.17	0.10
MRFBM1TOR26P5_SIN		0.00	-98.97	0.07	-0.24	0.25	-0.35	0.29	0.05	0.22	0.05	-0.14	-0.15	-0.01	0.12	0.21	0.06

RUN	POINT	Harmonics															
44	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1028.72	-958.38	-124.35	321.01	-55.89	-54.91	-6.97	-117.94	33.42	27.14	34.69	4.25	-1.31	-7.63	-46.66	-2.62
MRPC1CB33P25_SIN		0.00	-5.94	-23.72	34.50	114.55	-9.94	-7.56	-13.07	-64.14	-20.63	-49.02	24.50	7.68	0.48	21.53	-35.45
MRPC1FB33P25_COS		2279.41	42.49	-376.67	456.39	-112.30	-101.03	-36.91	-274.53	-0.92	63.84	116.65	20.18	7.32	-8.67	-115.44	-8.90
MRPC1FB33P25_SIN		0.00	161.45	-70.61	285.81	195.88	7.58	-23.44	-42.71	-135.54	-70.54	-11.62	47.62	24.78	9.44	47.76	-99.68
MRPC1TOR25P5_COS		-780.07	-61.24	193.75	-105.44	-14.54	11.80	-8.35	15.83	-17.70	-1.70	21.03	2.15	-9.14	-7.38	-8.71	-7.23
MRPC1TOR25P5_SIN		0.00	79.92	-35.75	57.96	-23.24	-3.88	-11.01	-39.04	-5.52	4.16	2.52	11.96	2.17	-3.32	-15.26	-5.41
MRPLK1LOAD_COS		-85.32	2.18	26.99	-13.09	-1.85	2.50	-0.68	3.61	-2.24	-0.41	3.22	-0.20	-1.31	-1.04	-1.20	-1.44
MRPLK1LOAD_SIN		0.00	-17.29	-0.44	5.68	-4.16	0.07	-1.87	-4.69	-0.32	0.28	1.10	1.86	-0.06	-0.71	-3.84	-0.65
PITCHRH_COS		12249.13	-8801.30	-585.26	75.13	-89.27	-207.75	-161.85	-96.47	63.99	-13.81	218.19	-84.33	-2.51	-15.28	-19.90	-493.84
PITCHRH_SIN		0.00	2349.01	-735.03	102.97	-130.21	741.70	-72.68	39.68	-48.46	-70.49	-203.24	58.37	5.10	83.20	-42.92	149.90
ROLLRH_COS		1129.97	-2069.49	788.59	-87.02	-223.76	-1314.13	-174.46	-45.26	97.92	120.99	255.82	-73.44	-0.61	43.44	5.88	-641.33
ROLLRH_SIN		0.00	-8438.68	-649.55	33.66	-44.82	154.15	-229.72	-38.07	87.35	-33.18	89.87	-45.52	35.43	-7.46	-58.52	-776.49
TORQ_COS		30641.37	387.29	9.96	-12.82	-67.04	34.08	-2.83	-4.24	-20.69	3.69	-10.68	1.45	3.57	-2.14	-5.09	12.28
TORQ_SIN		0.00	758.27	-11.94	22.08	-76.16	2.23	5.58	46.36	8.63	-6.88	-6.07	3.60	-4.89	6.35	-9.76	-22.49
THRUST_COS		5839.39	-57.17	-11.17	20.03	14.66	41.07	0.15	4.49	-2.73	-5.41	-37.52	0.82	1.98	-0.67	1.01	8.63
THRUST_SIN		0.00	-68.00	-0.05	17.22	26.11	-20.09	8.40	29.76	-2.61	1.58	18.73	-6.38	-1.47	-0.01	-6.94	53.46

RUN	POINT	Harmonics															
44	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.05	39.43	-16.63	-1.97	32.85	53.11	12.04	0.05	-2.93	-5.87	-9.08	3.96	-0.07	-1.37	-0.31	18.90
SIDERH_SIN		0.00	178.59	14.25	4.04	-35.56	-80.37	16.13	-0.04	-1.93	2.62	-2.56	2.80	-0.86	0.30	1.37	22.07
DRAGRH_COS		-113.18	230.56	15.30	-3.54	-4.63	68.62	-4.29	-3.83	-3.51	-1.72	-7.91	4.28	-1.47	0.60	0.92	20.20
DRAGRH_SIN		0.00	-64.10	10.71	-2.83	1.58	70.28	-17.22	-3.53	5.76	4.67	8.68	-6.88	0.12	-2.69	0.93	-5.59

RUN	POINT	Harmonics															
44	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.48	0.00	0.00	0.00	0.00	0.04	0.01	-0.01	-0.01	0.00	0.02	0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.01	0.00	0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.79	0.82	3.59	-4.86	-4.26	-0.99	-1.13	1.25	0.21	-0.07	-0.15	0.07	0.68	0.46	0.32	0.09
ACT1FORCE_SIN		0.00	12.82	9.33	4.54	0.14	-1.31	0.04	-0.29	0.73	-0.06	-0.76	0.15	-0.02	0.35	-0.02	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.71	-11.65	261.45	26.49	29.02	10.10	9.29	0.01	0.03	-0.01	0.07	-0.03	0.03	-0.03	-0.05	0.02
FA1IBVOLTAGE_SIN		0.00	-75.35	-124.92	-33.69	2.24	4.80	-6.39	-0.22	-0.03	-0.04	-0.13	0.01	0.08	0.07	0.04	0.00
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.52	11.86	-261.87	-26.70	-29.44	-10.32	-9.33	-0.02	-0.09	0.01	-0.07	0.03	-0.02	0.04	0.03	-0.03
FA1OBVOLTAGE_SIN		0.00	75.50	125.58	33.87	-2.64	-4.91	6.27	0.15	-0.01	0.04	0.12	-0.02	-0.07	-0.05	-0.03	-0.01
MRBLD1CB42P75_COS		-4204.19	-1262.18	-16.26	299.88	-81.24	-80.73	-8.39	-151.83	51.96	35.99	30.78	13.12	-3.79	-12.07	-48.53	0.01
MRBLD1CB42P75_SIN		0.00	-106.89	-47.49	109.14	205.49	-14.28	22.41	20.58	-61.42	-11.75	-97.16	28.04	10.12	-1.56	16.85	-31.72

RUN	POINT	Harmonics															
44	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2817.63	-787.96	260.75	177.83	-48.66	-81.16	-40.83	-102.51	37.06	26.03	2.60	14.93	-2.27	-9.20	-36.84	-0.07
MRBLD1CB70_SIN		0.00	-25.19	-75.07	156.67	331.07	-4.30	75.93	41.83	-36.67	-7.11	-91.19	11.95	7.56	-1.95	13.45	-29.43
MRBLD1CB120_COS		-473.84	-342.85	375.89	165.02	-13.49	-46.57	-54.44	-48.68	-28.62	4.53	13.63	-1.07	2.74	9.26	0.39	3.00
MRBLD1CB120_SIN		0.00	117.35	-160.57	74.32	325.69	-10.33	90.87	38.53	-5.36	-1.78	59.77	-7.25	3.21	5.16	-2.51	-8.60
MRBLD1CB164_COS		-1955.14	-115.75	146.27	35.76	-41.29	-10.44	-19.96	30.75	-33.16	1.39	15.81	-4.49	5.29	6.84	20.00	-6.13
MRBLD1CB164_SIN		0.00	83.52	-53.91	54.11	134.88	1.76	25.79	0.07	1.98	-10.53	76.35	-0.73	2.40	4.92	-5.31	21.40
MRBLD1FB42P75_COS		3216.05	171.87	-435.25	623.97	-89.15	-115.51	-33.32	-332.06	-92.86	7.52	110.26	49.41	27.57	6.24	-26.53	-71.96
MRBLD1FB42P75_SIN		0.00	29.50	10.89	197.70	277.38	56.19	0.88	156.46	-130.48	-108.27	-84.46	22.22	9.17	9.21	105.24	-45.69
MRBLD1FB70_COS		405.98	8.36	-198.15	181.83	-41.26	-26.95	3.98	-47.49	-2.88	4.43	-1.82	-2.79	-2.68	-1.61	6.55	16.36
MRBLD1FB70_SIN		0.00	-203.56	27.15	64.94	72.33	0.22	4.00	37.88	-9.86	0.17	2.62	2.88	1.81	-0.20	-21.60	8.93
MRBLD1FB87_COS		-86.52	35.15	-156.42	62.70	-48.98	-24.51	-3.28	33.95	14.65	3.50	-15.98	-9.11	-4.13	-0.11	3.45	9.84
MRBLD1FB87_SIN		0.00	-203.70	50.83	80.16	31.92	-3.57	-4.31	-13.92	14.30	14.65	20.87	-3.57	-0.61	-0.50	-20.88	9.60
MRBLD1FB120_COS		-476.81	36.30	-212.59	14.95	-28.75	8.82	-3.32	69.74	3.87	-12.06	-4.09	3.06	3.90	-0.23	-7.11	-15.34
MRBLD1FB120_SIN		0.00	-254.98	93.83	163.82	14.53	4.95	-17.72	-54.32	17.19	0.08	-10.30	-1.76	-4.49	-2.48	30.70	-15.04
MRBLD1FB164_COS		-191.17	94.70	-458.62	80.66	104.00	52.19	7.61	-104.67	-6.63	14.39	1.14	-3.35	-2.88	2.93	6.07	4.62
MRBLD1FB164_SIN		0.00	-287.17	112.14	148.62	-32.85	-18.43	14.33	65.96	-31.54	-3.73	18.67	-0.20	0.39	3.39	-12.08	10.05

RUN	POINT	Harmonics															
44	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.82	16.32	-325.15	39.81	90.51	22.16	-19.81	-90.41	22.73	10.39	-40.97	-10.68	10.30	7.51	-10.06	-17.40
MRBLD1FB180_SIN		0.00	-184.50	75.36	50.67	-12.82	-8.88	9.24	69.49	-27.40	-7.81	37.97	-1.72	-4.47	-9.10	33.88	-16.78
MRBLD1TOR51_COS		-1406.73	69.93	-212.33	109.51	3.77	-21.79	5.70	-34.57	15.25	4.83	-13.31	-1.34	5.45	5.05	-8.25	1.83
MRBLD1TOR51_SIN		0.00	-27.54	-14.12	-22.53	37.17	5.95	12.43	41.97	-2.18	-6.79	-7.84	-3.96	-1.25	1.96	8.01	-6.17
MRBLD1TOR71_COS		-262.08	84.56	-207.57	81.06	15.04	-9.99	9.27	-16.11	11.94	0.53	-15.31	-2.16	4.26	5.04	-4.33	1.08
MRBLD1TOR71_SIN		0.00	-30.80	-17.81	-42.40	16.71	7.49	13.99	41.24	6.87	-1.74	-2.69	-3.42	-1.61	1.30	2.80	-3.41
MRBLD1TOR130_COS		-19.20	74.13	-187.75	50.69	28.39	-5.58	8.83	-19.01	8.71	3.94	3.46	-1.36	-0.43	-0.76	-0.59	-3.21
MRBLD1TOR130_SIN		0.00	-14.22	-19.19	-56.69	8.34	11.54	14.26	32.05	0.96	0.14	5.65	8.16	2.69	-0.24	-6.12	1.07
MRBLD1TOR164_COS		-215.54	33.71	-73.50	14.33	4.67	-15.57	2.84	-0.77	5.40	1.73	-1.32	-0.14	-0.18	0.88	-3.83	-3.33
MRBLD1TOR164_SIN		0.00	10.52	-22.92	-66.47	7.83	6.26	9.96	20.83	3.47	-1.07	5.27	5.65	3.56	-1.09	-4.49	-4.52
MRFBM1CB26P5_COS		-4790.33	-498.61	-46.71	95.59	-5.30	-1.95	6.84	-14.90	2.13	2.81	9.58	0.08	0.21	0.40	-4.94	-0.38
MRFBM1CB26P5_SIN		0.00	-112.51	1.47	-24.00	-19.40	-3.91	-15.40	-6.29	-9.70	-2.29	4.21	3.06	1.01	0.50	1.58	-3.94
MRFBM1FB9_COS		308.49	-107.43	171.35	-118.28	28.82	15.33	3.72	18.85	-3.20	-3.62	-4.69	-0.11	0.11	0.38	2.99	-1.75
MRFBM1FB9_SIN		0.00	6.83	22.37	-115.18	-35.94	3.66	4.19	5.37	6.29	1.28	-0.04	-1.78	-1.03	0.05	0.45	2.09
MRFBM1TOR26P5_COS		-354.47	82.13	-1.85	0.39	-0.15	-0.04	-0.07	-0.13	0.15	-0.05	-0.22	0.04	0.05	0.04	0.14	0.07
MRFBM1TOR26P5_SIN		0.00	-103.22	0.11	-0.21	0.20	-0.32	0.29	0.11	0.23	0.02	-0.18	-0.15	-0.01	0.11	0.20	0.09

RUN	POINT	Harmonics															
44	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-984.28	-1168.20	-99.75	321.81	-69.48	-58.03	1.46	-138.61	29.09	28.61	41.66	9.58	1.05	-6.21	-44.58	0.13
MRPC1CB33P25_SIN		0.00	-85.83	-19.34	33.19	116.45	-10.11	-2.58	5.96	-64.31	-19.73	-48.99	24.94	9.60	1.24	16.87	-33.55
MRPC1FB33P25_COS		2254.24	103.56	-365.92	473.30	-141.29	-111.72	-25.40	-318.47	-9.12	61.45	129.03	21.88	10.58	-4.16	-110.50	-1.43
MRPC1FB33P25_SIN		0.00	187.30	-66.71	280.51	215.26	14.50	-14.57	-12.14	-140.76	-76.60	-2.19	47.99	25.33	10.02	38.92	-92.00
MRPC1TOR25P5_COS		-777.40	-52.92	183.75	-105.45	-15.53	9.99	-11.51	21.39	-16.89	-1.10	22.91	3.71	-8.12	-7.09	-7.54	-6.38
MRPC1TOR25P5_SIN		0.00	78.93	-33.24	57.51	-24.92	-3.77	-12.61	-48.56	-5.46	5.33	5.55	12.07	2.81	-1.88	-14.21	-7.60
MRPLK1LOAD_COS		-85.08	1.81	26.61	-13.28	-1.65	2.24	-1.12	4.51	-2.10	-0.35	3.47	-0.12	-1.16	-0.97	-0.93	-1.18
MRPLK1LOAD_SIN		0.00	-18.44	-0.43	5.61	-4.40	-0.04	-2.16	-6.10	-0.37	0.46	1.59	1.79	0.03	-0.54	-3.60	-1.04
PITCHRH_COS		10486.44	-8768.23	-565.08	55.20	-84.07	-219.49	-107.19	-87.79	78.33	-14.99	239.89	-91.52	16.67	-3.14	-16.95	-422.04
PITCHRH_SIN		0.00	2370.07	-732.79	101.15	-113.96	871.54	-100.41	60.43	-64.38	-51.29	-189.51	55.46	7.12	79.41	-46.53	113.49
ROLLRH_COS		975.04	-2066.10	787.27	-74.10	-176.86	-1486.29	-124.42	-39.93	119.37	87.57	256.65	-69.99	10.75	42.69	-23.46	-568.30
ROLLRH_SIN		0.00	-8453.78	-629.73	39.69	-57.45	21.00	-177.05	-22.16	88.98	-14.79	87.11	-66.89	24.62	-6.76	-70.47	-731.11
TORQ_COS		31082.03	382.61	11.74	-9.77	-50.08	34.87	-1.99	1.44	-20.63	1.24	-16.53	2.80	4.29	-4.45	-3.80	15.37
TORQ_SIN		0.00	719.43	-12.14	20.22	-55.00	2.02	6.19	34.57	-0.41	-7.08	-14.09	2.68	-8.00	5.01	-8.93	-18.64
THRUST_COS		5772.84	-59.72	-11.78	21.16	14.47	45.38	-0.59	7.28	-2.82	-3.62	-44.28	0.95	0.89	-1.46	5.42	8.44
THRUST_SIN		0.00	-69.37	0.88	15.18	23.58	-22.54	5.65	21.95	-0.65	0.32	13.06	-6.95	-1.47	-0.55	-8.25	49.12

RUN	POINT	Harmonics															
44	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.88	37.05	-16.27	-4.13	22.87	70.34	9.98	-0.08	-3.78	-4.45	-8.83	3.77	-0.39	-1.37	0.59	16.68
SIDERH_SIN		0.00	184.92	13.17	4.30	-25.39	-80.54	8.61	0.62	-1.45	1.79	-2.16	3.96	-0.64	0.39	1.88	20.78
DRAGRH_COS		-129.00	230.66	13.77	-4.33	-3.55	59.34	-14.32	-0.56	-4.04	-1.71	-7.46	5.74	-1.19	0.31	0.65	16.91
DRAGRH_SIN		0.00	-64.18	11.13	-2.96	5.65	84.15	-13.34	-3.30	6.43	3.42	7.72	-6.53	2.02	-2.07	0.78	-4.32

RUN	POINT	Harmonics															
45	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.05	-0.01	0.02	0.03	0.02	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.03	0.01	-0.02	0.01	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.78	2.20	-8.13	-4.89	-2.51	-0.84	0.67	1.35	-0.14	0.13	0.77	0.64	0.13	0.36	0.06	-0.20
ACT1FORCE_SIN		0.00	13.60	5.48	1.43	-0.10	0.26	0.74	-0.04	0.59	0.09	-0.60	0.23	0.34	0.04	0.26	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.46	-16.84	121.31	32.48	17.08	7.61	-3.60	0.10	-0.08	-0.01	0.14	-0.02	-0.01	0.01	-0.07	-0.05
FA1IBVOLTAGE_SIN		0.00	-78.33	246.84	-10.51	0.69	-0.51	-4.72	-0.06	0.07	0.02	0.06	0.05	-0.01	0.03	0.04	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.01	16.93	-122.09	-32.60	-16.85	-7.53	3.71	-0.06	0.03	0.02	-0.13	0.02	0.03	0.00	0.07	0.05
FA1OBVOLTAGE_SIN		0.00	78.56	-247.19	10.43	-0.20	0.46	4.66	0.04	-0.08	-0.03	-0.05	-0.04	-0.01	-0.02	-0.04	0.00
MRBLD1CB42P75_COS		-4350.73	-1318.36	88.36	180.00	-73.72	-101.97	-44.28	-223.49	56.66	35.17	49.75	-14.55	-7.08	-10.31	-36.08	-0.22
MRBLD1CB42P75_SIN		0.00	129.12	-105.73	107.19	93.83	-28.48	32.12	-54.57	-37.70	-10.49	-67.45	34.79	4.04	-1.34	-13.30	-13.97

RUN	POINT	Harmonics															
45	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2832.26	-815.03	348.29	75.32	-75.92	-99.83	-72.03	-161.08	38.02	33.99	29.99	-5.64	-0.78	-5.67	-26.28	0.66
MRBLD1CB70_SIN		0.00	93.32	-99.69	114.50	239.76	-11.66	54.12	-3.79	-20.07	-8.90	-48.67	19.68	-0.63	-1.49	-13.49	-8.02
MRBLD1CB120_COS		-423.25	-338.43	477.77	88.22	-71.67	-31.68	-51.36	-69.51	-36.53	-8.81	-3.32	16.45	5.76	7.13	2.15	3.05
MRBLD1CB120_SIN		0.00	134.91	-188.97	25.24	221.60	0.00	45.80	26.39	-5.29	-3.77	43.43	-8.92	3.22	3.32	-5.04	-5.95
MRBLD1CB164_COS		-1947.43	-105.81	146.30	-4.66	-66.85	-5.72	1.57	47.47	-42.43	-17.13	-7.75	13.18	4.37	4.52	14.80	-4.61
MRBLD1CB164_SIN		0.00	83.68	-32.42	10.62	87.06	16.02	6.90	20.48	-7.85	-12.86	38.21	-4.75	7.86	2.78	11.89	7.78
MRBLD1FB42P75_COS		3173.20	169.08	-401.76	360.72	-208.51	-67.09	-54.39	-524.95	-87.72	-26.61	57.57	35.20	15.27	3.77	-70.96	-39.07
MRBLD1FB42P75_SIN		0.00	-41.89	-74.36	218.96	-21.28	62.43	40.86	67.87	-99.72	-83.37	-94.56	23.47	4.42	2.40	41.06	-30.52
MRBLD1FB70_COS		398.13	1.30	-186.68	82.53	-73.23	-18.07	-1.90	-80.74	0.38	2.99	-0.52	-0.63	-2.04	-1.52	16.00	9.23
MRBLD1FB70_SIN		0.00	-193.54	-1.92	63.80	-17.13	2.66	12.21	21.35	-4.62	3.20	2.51	3.30	3.73	0.41	-7.89	7.80
MRBLD1FB87_COS		-95.16	28.39	-159.65	2.57	-56.81	-22.86	-5.06	48.21	13.32	8.75	-7.88	-5.32	-0.56	-0.25	11.11	4.09
MRBLD1FB87_SIN		0.00	-188.82	40.00	71.77	-1.42	0.01	-5.26	-6.01	9.97	11.16	21.58	-6.20	0.81	2.28	-7.71	3.98
MRBLD1FB120_COS		-482.59	32.40	-251.72	-54.77	-17.06	-0.56	7.37	114.54	-1.56	-8.34	-5.30	-2.28	1.49	-0.21	-19.95	-5.15
MRBLD1FB120_SIN		0.00	-234.14	114.06	136.59	34.02	4.35	-21.62	-30.42	7.76	-4.69	-10.49	-0.40	-6.44	-4.83	10.70	-7.37
MRBLD1FB164_COS		-201.51	10.47	-347.58	57.66	149.45	74.93	10.30	-170.33	-0.58	11.83	0.20	1.21	1.06	1.16	12.92	4.56
MRBLD1FB164_SIN		0.00	-284.14	-84.31	189.66	73.15	-31.40	16.72	33.55	-13.55	7.18	20.78	-4.39	-0.17	4.92	-2.47	1.71

RUN	POINT	Harmonics															
45	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.86	-46.90	-213.35	46.60	117.98	48.95	-10.59	-155.91	21.73	18.54	-26.61	-10.26	9.38	8.41	-25.57	-9.38
MRBLD1FB180_SIN		0.00	-186.08	-106.11	83.97	51.02	-13.37	14.08	41.84	-7.31	-3.51	32.73	-7.50	-2.28	-7.82	8.95	-7.62
MRBLD1TOR51_COS		-1428.68	15.52	18.15	125.89	-17.18	-26.64	2.58	-69.27	12.26	6.26	-4.02	3.07	2.83	2.49	-5.28	-0.54
MRBLD1TOR51_SIN		0.00	-80.73	-192.03	64.06	13.57	0.69	0.18	22.94	8.15	-6.20	-7.53	-4.68	1.93	0.05	-1.38	-3.56
MRBLD1TOR71_COS		-265.26	33.37	5.86	106.07	-3.34	-15.07	8.23	-41.33	9.23	2.81	-7.34	2.46	2.95	3.95	-2.53	-0.51
MRBLD1TOR71_SIN		0.00	-82.14	-182.11	40.58	6.97	1.73	2.57	31.57	15.13	-1.38	-2.37	-4.15	1.12	0.25	-1.35	-1.44
MRBLD1TOR130_COS		-19.19	19.68	22.49	90.48	13.21	-10.89	7.23	-41.25	5.84	3.01	4.49	-0.95	0.34	0.16	-0.73	-1.15
MRBLD1TOR130_SIN		0.00	-67.28	-185.92	24.82	15.08	4.44	5.88	23.47	7.41	-1.09	2.92	7.22	2.85	0.89	-1.82	2.53
MRBLD1TOR164_COS		-219.65	2.27	68.03	52.18	-6.84	-19.38	-3.11	-13.21	4.78	3.42	-2.20	-1.68	1.93	2.49	-2.18	0.61
MRBLD1TOR164_SIN		0.00	-27.90	-128.76	-16.22	-3.56	3.03	6.86	19.87	4.68	-1.09	4.04	4.40	2.01	0.74	-4.81	-2.18
MRFBM1CB26P5_COS		-4884.60	-532.74	-7.30	83.42	8.99	-5.70	6.56	-19.05	3.56	-0.78	4.93	-0.35	-0.23	0.42	-3.72	0.24
MRFBM1CB26P5_SIN		0.00	3.82	-25.54	-2.41	-29.70	-10.44	-8.30	-14.67	-7.88	-2.52	-2.07	1.72	0.70	0.27	-1.58	-3.72
MRFBM1FB9_COS		275.04	-96.71	136.29	-50.96	28.25	12.92	5.31	23.32	-1.89	-2.63	-4.52	0.61	0.17	0.29	1.33	-0.95
MRFBM1FB9_SIN		0.00	-103.16	69.26	-94.96	6.34	0.62	2.61	16.70	5.38	1.91	0.31	-1.22	-0.42	0.15	2.11	1.37
MRFBM1TOR26P5_COS		-357.42	81.25	-0.24	0.53	-0.31	-0.09	0.05	-0.30	0.13	0.04	-0.05	0.07	0.01	-0.04	0.15	0.01
MRFBM1TOR26P5_SIN		0.00	-95.52	-1.06	0.32	0.34	-0.28	0.11	0.03	0.27	0.07	-0.08	-0.13	0.03	0.07	0.14	0.02

RUN	POINT	Harmonics															
45	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-836.20	-1208.26	-0.83	225.16	-55.36	-70.32	-20.70	-197.97	33.33	20.80	41.88	-6.78	-2.56	-5.41	-33.31	-0.01
MRPC1CB33P25_SIN		0.00	140.80	-94.92	63.41	11.69	-17.77	14.84	-58.75	-46.40	-18.93	-43.97	27.14	5.15	0.70	-13.24	-16.57
MRPC1FB33P25_COS		2238.00	109.68	-331.50	250.33	-172.19	-76.31	-58.00	-431.78	-18.72	25.85	96.06	9.44	9.10	-0.53	-80.35	6.33
MRPC1FB33P25_SIN		0.00	116.81	-119.72	245.00	-55.50	31.73	9.78	-159.53	-117.64	-75.79	-35.52	38.41	12.92	5.87	-39.28	-51.96
MRPC1TOR25P5_COS		-793.60	0.83	-50.43	-132.93	8.32	16.92	-12.81	54.27	-12.47	-3.64	11.26	-5.61	-3.16	-3.01	-6.58	0.63
MRPC1TOR25P5_SIN		0.00	135.97	160.36	-44.91	-6.45	1.87	2.55	-34.62	-17.02	3.93	6.20	12.05	-2.39	0.83	-8.27	-1.28
MRPLK1LOAD_COS		-85.26	9.13	-4.86	-16.37	1.90	2.75	-1.18	9.30	-1.53	-0.62	1.32	-1.06	-0.37	-0.33	-0.87	-0.06
MRPLK1LOAD_SIN		0.00	-9.40	24.05	-7.48	-1.82	0.72	-0.04	-3.94	-1.99	0.26	1.33	1.55	-0.59	-0.17	-2.01	0.05
PITCHRH_COS		9440.40	-9015.60	-492.35	-38.06	-31.69	-674.72	-153.68	-42.28	32.16	-2.39	11.71	-56.10	19.86	-8.08	8.43	-464.71
PITCHRH_SIN		0.00	2083.80	-916.91	130.60	-16.53	-29.27	55.24	49.12	-103.46	-79.72	-186.06	-50.52	-0.49	9.70	-2.93	-106.94
ROLLRH_COS		3665.50	-1697.83	873.68	-84.54	-234.57	-265.58	-163.10	0.14	115.15	43.73	275.94	36.27	-6.72	39.12	12.95	-70.43
ROLLRH_SIN		0.00	-8669.45	-628.63	-58.25	62.47	-256.91	-282.84	27.17	48.71	-11.13	-29.78	-84.36	46.99	-71.01	-0.02	-645.99
TORQ_COS		30663.08	326.36	-11.89	2.85	-68.44	122.05	-3.80	7.84	-26.66	1.14	2.54	0.71	3.73	-4.18	-6.23	25.89
TORQ_SIN		0.00	711.42	-17.57	0.46	-86.48	74.14	5.16	37.95	-4.17	-4.89	2.09	4.94	-5.10	7.74	-14.16	9.07
THRUST_COS		5775.99	-36.40	12.88	5.11	14.90	30.94	6.63	11.69	-1.43	-4.38	-30.52	1.06	1.48	-0.53	5.43	0.65
THRUST_SIN		0.00	-71.47	-8.47	13.70	35.23	-24.95	6.74	17.11	3.05	1.48	21.99	-1.61	-1.26	1.62	-2.81	29.81

RUN	POINT	Harmonics															
45	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.28	28.45	-19.76	-2.47	7.28	22.27	16.15	-1.47	-2.54	-3.26	-11.63	-1.45	0.25	-1.44	-0.68	2.33
SIDERH_SIN		0.00	187.80	17.51	1.93	-48.36	-34.11	13.64	-0.75	-0.56	0.66	1.98	3.77	-1.50	2.39	-0.10	19.29
DRAGRH_COS		-102.45	241.52	21.87	1.15	-8.23	34.23	3.94	-2.51	-0.16	-0.92	9.33	4.70	-2.14	0.89	-0.40	20.41
DRAGRH_SIN		0.00	-55.18	19.15	-4.36	6.91	67.43	-28.70	-1.38	4.32	4.34	11.88	-0.62	0.57	0.51	-0.38	4.20

RUN	POINT	Harmonics															
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.78	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.02	0.01	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.01	0.00	0.00	0.00	-0.01	0.00
ACT1DISP_COS		2.64	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.80	2.03	-4.76	-5.32	-3.18	-0.32	1.41	1.28	0.00	-0.07	-0.16	0.59	0.25	0.40	0.35	-0.24
ACT1FORCE_SIN		0.00	13.37	8.88	2.19	-0.03	-0.43	-1.11	0.25	0.68	0.19	0.29	-0.08	0.17	-0.08	-0.20	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.79	-17.53	232.79	35.58	21.81	5.72	-9.60	0.21	0.07	0.01	-0.08	0.01	-0.02	0.00	0.06	0.01
FA1IBVOLTAGE_SIN		0.00	-79.57	152.66	-18.14	-1.81	3.63	10.01	-0.06	0.13	0.07	-0.01	0.09	0.05	0.03	0.00	-0.05
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.70	17.63	-233.52	-35.76	-21.34	-5.75	9.62	-0.17	-0.04	-0.01	0.09	-0.01	0.01	0.00	-0.05	-0.01
FA1OBVOLTAGE_SIN		0.00	79.80	-152.76	18.11	1.85	-3.77	-10.17	0.04	-0.05	-0.09	-0.01	-0.10	-0.04	-0.04	-0.01	0.05
MRBLD1CB42P75_COS		-4338.80	-1145.64	27.71	194.36	-82.33	-96.90	-31.89	-194.58	52.26	29.54	29.50	-1.88	-8.93	-13.35	-50.49	-5.83
MRBLD1CB42P75_SIN		0.00	152.88	-102.90	117.81	148.20	-21.90	22.16	-26.96	-51.42	-14.59	-45.29	32.15	9.25	3.83	6.85	-20.29

RUN	POINT	Harmonics															
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2825.31	-705.12	303.06	82.57	-85.97	-98.83	-56.59	-135.54	36.93	24.07	26.78	5.00	-3.97	-5.45	-37.62	-3.08
MRBLD1CB70_SIN		0.00	130.16	-108.25	134.54	311.97	-32.09	72.88	15.33	-30.32	-10.96	-39.10	15.27	4.90	-0.02	2.09	-15.42
MRBLD1CB120_COS		-443.12	-297.17	429.27	91.08	-70.68	-40.83	-49.31	-63.79	-25.91	2.49	4.91	10.45	7.44	8.39	0.26	2.14
MRBLD1CB120_SIN		0.00	174.85	-200.51	49.70	302.73	-39.81	88.06	39.34	-3.34	5.59	38.58	-8.40	2.26	1.70	-6.70	-7.71
MRBLD1CB164_COS		-1953.95	-99.26	145.62	-5.94	-63.77	-8.35	-7.54	39.76	-33.87	-2.75	-7.21	5.16	8.29	3.96	23.34	-2.38
MRBLD1CB164_SIN		0.00	96.58	-38.45	27.11	119.91	-4.73	27.76	16.68	0.59	-2.60	37.68	-1.92	5.53	3.20	4.63	14.68
MRBLD1FB42P75_COS		3176.31	124.55	-435.63	386.56	-142.65	-68.80	-51.94	-454.85	-78.12	5.07	51.35	47.08	21.08	6.99	-52.31	-60.19
MRBLD1FB42P75_SIN		0.00	-42.64	-55.33	249.30	77.85	71.29	22.57	117.55	-116.75	-89.35	-39.73	20.61	5.71	14.75	92.94	-24.91
MRBLD1FB70_COS		401.11	1.40	-197.65	91.27	-55.06	-17.24	-1.15	-68.01	0.19	4.12	-0.35	-1.94	-2.11	-1.88	12.96	14.16
MRBLD1FB70_SIN		0.00	-195.63	6.60	76.12	13.85	4.58	9.57	30.37	-6.84	2.66	3.72	2.96	3.19	-1.08	-18.63	5.71
MRBLD1FB87_COS		-91.16	28.96	-160.43	6.35	-51.01	-21.56	-4.24	43.03	12.59	4.05	-5.39	-8.08	-2.07	-0.84	7.38	7.79
MRBLD1FB87_SIN		0.00	-194.05	45.94	80.36	8.73	-1.51	-3.80	-10.53	12.11	11.93	9.41	-4.50	0.17	-1.15	-18.63	3.81
MRBLD1FB120_COS		-476.09	30.88	-232.86	-50.52	-19.78	-0.63	4.58	97.87	-0.48	-10.27	-7.04	1.28	1.89	0.86	-14.30	-11.81
MRBLD1FB120_SIN		0.00	-246.96	117.64	149.22	24.46	4.39	-18.06	-43.34	12.55	-3.39	-8.23	-0.48	-5.62	-1.04	26.05	-7.56
MRBLD1FB164_COS		-200.81	28.16	-406.68	62.13	122.62	58.87	13.47	-145.33	1.12	13.92	3.92	-2.04	0.26	1.82	9.71	5.74
MRBLD1FB164_SIN		0.00	-285.45	-43.44	176.42	35.48	-35.90	13.71	51.81	-22.62	2.36	13.44	-3.67	-0.56	3.42	-10.54	3.97

RUN	POINT	Harmonics															
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.41	-34.12	-277.07	51.43	100.82	34.83	-12.13	-129.09	25.95	13.30	-21.43	-10.37	13.44	9.90	-18.86	-15.17
MRBLD1FB180_SIN		0.00	-181.32	-72.16	69.09	29.27	-15.49	10.45	57.01	-15.60	-4.87	11.82	-5.25	-3.42	-6.29	27.76	-7.38
MRBLD1TOR51_COS		-1424.57	20.88	-88.50	128.45	-9.93	-25.27	-6.06	-55.18	16.23	7.58	-4.37	0.68	5.00	3.59	-6.44	0.85
MRBLD1TOR51_SIN		0.00	-54.97	-177.45	32.54	26.44	3.55	-5.84	33.10	3.41	-4.84	-4.61	-6.88	1.21	0.34	4.02	-2.87
MRBLD1TOR71_COS		-260.64	36.64	-92.06	107.95	3.01	-13.64	0.05	-30.90	12.30	3.22	-6.33	-0.41	4.45	4.35	-3.63	0.09
MRBLD1TOR71_SIN		0.00	-58.47	-168.72	9.50	13.81	4.79	-2.52	37.42	11.59	-0.47	-1.44	-6.00	0.45	0.04	0.28	-1.37
MRBLD1TOR130_COS		-14.58	24.88	-74.47	90.39	17.62	-9.58	1.57	-32.63	8.26	4.47	1.98	-1.38	0.14	-0.46	-1.41	-2.50
MRBLD1TOR130_SIN		0.00	-42.56	-170.93	-6.68	15.63	7.29	2.79	28.56	5.17	0.49	5.83	7.64	2.93	0.43	-5.51	1.23
MRBLD1TOR164_COS		-215.79	4.35	4.38	50.56	-1.90	-17.53	-4.34	-7.94	4.92	2.28	0.16	-0.93	1.61	1.70	-5.24	-2.60
MRBLD1TOR164_SIN		0.00	-9.27	-121.36	-36.75	3.50	5.40	5.82	20.50	4.53	-1.25	2.48	6.07	2.32	0.74	-5.03	-4.58
MRFBM1CB26P5_COS		-4875.15	-450.12	-32.61	86.81	7.30	-4.93	5.09	-17.52	2.73	1.25	0.31	-0.15	0.48	-0.59	-5.22	-0.91
MRFBM1CB26P5_SIN		0.00	13.71	-23.37	-6.81	-33.78	-1.12	-15.57	-12.26	-8.79	-1.96	0.77	2.43	0.45	1.08	0.29	-4.14
MRFBM1FB9_COS		270.94	-157.47	164.94	-54.02	27.41	13.42	5.87	22.09	-2.85	-2.97	-2.83	0.26	0.24	0.62	2.72	-0.75
MRFBM1FB9_SIN		0.00	-84.27	61.18	-104.85	-8.85	0.87	3.85	11.77	5.53	1.05	-0.42	-1.62	-0.73	0.00	1.32	1.69
MRFBM1TOR26P5_COS		-357.45	80.58	-0.93	0.52	-0.38	-0.08	-0.12	-0.16	0.16	0.02	-0.02	0.07	0.03	0.00	0.22	0.06
MRFBM1TOR26P5_SIN		0.00	-95.47	-1.02	0.08	0.41	-0.36	-0.03	0.09	0.23	0.06	-0.09	-0.17	0.01	0.07	0.24	0.09

RUN	POINT	Harmonics															
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-820.19	-1060.13	-61.90	240.92	-55.82	-66.21	-16.63	-176.13	31.88	23.51	23.06	1.03	-2.60	-8.42	-47.08	-5.76
MRPC1CB33P25_SIN		0.00	149.54	-84.76	66.10	46.36	-4.74	0.00	-34.42	-55.53	-19.37	-22.96	26.11	8.66	5.58	6.12	-22.93
MRPC1FB33P25_COS		2239.15	68.45	-355.64	266.20	-141.75	-79.82	-47.49	-397.29	-3.26	51.69	60.23	19.58	10.64	-7.87	-115.71	-11.81
MRPC1FB33P25_SIN		0.00	114.48	-110.98	277.01	41.69	36.53	-1.57	-93.74	-125.22	-63.90	0.05	44.87	18.31	15.75	6.88	-68.96
MRPC1TOR25P5_COS		-797.25	-8.90	63.86	-135.37	0.77	14.97	-0.85	40.31	-16.74	-4.45	9.79	-1.67	-6.17	-5.37	-11.84	-5.59
MRPC1TOR25P5_SIN		0.00	108.02	142.61	-8.82	-14.27	-2.68	9.12	-42.59	-11.72	2.66	5.00	15.50	-0.30	1.37	-13.56	-7.24
MRPLK1LOAD_COS		-85.83	8.61	9.70	-16.71	0.71	2.60	0.37	7.22	-2.20	-0.75	1.25	-0.68	-0.78	-0.76	-1.75	-1.09
MRPLK1LOAD_SIN		0.00	-12.60	21.90	-2.88	-3.25	0.41	0.85	-5.21	-1.21	0.10	1.06	2.14	-0.34	-0.06	-3.60	-1.04
PITCHRH_COS		10665.02	-9011.26	-608.60	10.80	-48.20	-496.39	-193.00	-50.88	59.42	-17.01	153.56	-80.36	-0.41	-44.11	-30.36	-567.56
PITCHRH_SIN		0.00	2084.81	-863.20	131.08	-32.77	87.64	37.00	53.58	-44.06	-82.20	-138.56	-41.06	2.06	34.45	-1.26	28.70
ROLLRH_COS		3270.16	-1731.30	864.01	-144.42	-199.57	-651.69	-175.33	2.06	67.43	122.88	252.72	8.68	-6.67	7.52	-0.63	-418.93
ROLLRH_SIN		0.00	-8666.82	-677.50	-11.68	65.83	118.47	-317.04	-63.84	42.20	-15.19	31.38	-71.89	18.27	7.60	-19.82	-739.68
TORQ_COS		30884.76	330.28	-4.24	-8.57	-79.33	98.80	-2.23	3.62	-23.00	2.72	10.82	2.38	1.07	-2.25	-3.72	27.19
TORQ_SIN		0.00	726.43	-15.82	7.24	-84.28	32.12	2.79	41.67	-4.36	-5.02	-5.67	4.06	-9.12	7.32	-12.71	0.59
THRUST_COS		5765.46	-35.73	3.24	9.54	20.59	31.93	6.48	10.37	-1.28	-5.28	-23.74	3.22	0.51	0.96	7.11	9.78
THRUST_SIN		0.00	-74.44	-10.28	20.24	32.86	-25.31	6.28	20.73	-0.36	1.47	10.64	-2.39	-0.87	0.64	-6.36	38.12

RUN	POINT	Harmonics															
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.52	29.39	-19.23	-3.54	8.37	23.01	16.97	-1.42	-1.64	-6.47	-10.41	-0.57	0.08	-0.26	-0.22	12.27
SIDERH_SIN		0.00	190.62	17.66	1.30	-38.93	-73.09	20.68	0.91	-1.43	0.87	0.00	3.89	-0.55	-0.19	0.18	21.95
DRAGRH_COS		-93.30	242.13	22.56	0.73	-1.33	106.20	10.27	-3.65	-3.44	0.19	-0.92	6.60	-0.21	1.94	1.38	24.49
DRAGRH_SIN		0.00	-55.52	15.00	-5.38	6.60	107.53	-27.20	-1.47	2.68	4.81	4.95	-1.18	1.09	-0.71	-0.91	-0.67

RUN	POINT	Harmonics															
45	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	1.30	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.03	0.01	0.02	0.02	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.01	0.03	0.01	-0.01	0.00	0.01	0.00	-0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.37	1.80	-1.23	-5.23	-3.87	-0.61	-0.19	1.36	-0.18	-0.01	0.88	0.23	0.71	0.46	0.08	0.17
ACT1FORCE_SIN		0.00	13.12	9.87	3.57	0.09	-0.86	-2.11	0.20	0.65	0.46	0.25	0.06	0.25	0.04	-0.19	-0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.52	-17.29	287.11	31.95	24.16	7.92	5.45	0.16	0.10	0.04	0.06	0.05	-0.03	0.00	0.06	0.06
FA1IBVOLTAGE_SIN		0.00	-78.71	19.24	-27.88	-1.26	3.98	14.39	-0.20	-0.02	-0.05	0.15	0.04	0.07	0.10	0.03	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.96	17.45	-287.78	-32.17	-23.98	-8.07	-5.48	-0.15	-0.01	-0.03	-0.06	-0.05	0.02	-0.02	-0.07	-0.07
FA1OBVOLTAGE_SIN		0.00	78.90	-18.97	27.94	0.84	-4.13	-14.54	0.14	-0.03	0.04	-0.13	-0.02	-0.09	-0.09	-0.03	-0.04
MRBLD1CB42P75_COS		-4410.76	-910.70	38.12	253.08	-78.89	-84.17	-29.69	-153.58	44.82	35.30	57.11	-10.19	-9.98	-15.06	-60.46	-5.16
MRBLD1CB42P75_SIN		0.00	181.23	-82.42	116.61	186.09	-21.26	26.24	30.21	-49.56	-20.16	-57.38	18.82	3.50	-2.59	13.46	-26.64

RUN	POINT	Harmonics															
45	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2791.06	-563.43	307.94	136.37	-58.10	-87.28	-55.81	-102.27	28.91	27.66	33.15	-2.00	-4.96	-8.07	-45.56	-2.43
MRBLD1CB70_SIN		0.00	151.69	-98.80	148.73	342.90	-39.93	80.32	48.41	-25.75	-12.59	-69.03	6.15	3.05	-3.81	9.87	-21.47
MRBLD1CB120_COS		-448.69	-246.30	417.56	135.47	-29.91	-41.78	-53.50	-39.40	-33.13	2.76	-0.20	12.11	5.18	9.23	1.30	3.17
MRBLD1CB120_SIN		0.00	183.03	-191.41	59.26	333.73	-56.99	99.51	39.55	-2.03	4.93	41.62	-4.71	3.67	4.64	-6.37	-9.23
MRBLD1CB164_COS		-1955.69	-90.28	153.15	17.24	-51.63	-6.93	-12.17	37.06	-32.01	-3.07	-7.99	6.32	7.01	5.11	26.23	-3.10
MRBLD1CB164_SIN		0.00	97.06	-45.61	41.16	131.01	-13.91	29.05	-3.55	-0.89	-4.79	58.54	2.22	4.69	6.23	-0.75	17.20
MRBLD1FB42P75_COS		3210.25	66.41	-428.01	514.71	-123.13	-74.77	-42.97	-315.54	-96.09	1.37	117.31	33.44	16.47	3.24	-45.90	-69.75
MRBLD1FB42P75_SIN		0.00	-40.87	-31.47	208.02	159.34	65.17	36.26	168.07	-113.51	-98.43	-49.69	17.86	4.87	10.30	111.70	-35.69
MRBLD1FB70_COS		399.59	3.18	-194.13	137.10	-51.03	-18.06	1.03	-43.39	-2.12	4.91	0.10	-2.04	-0.92	-0.88	11.26	16.27
MRBLD1FB70_SIN		0.00	-199.36	14.91	66.53	38.05	1.67	11.05	39.42	-6.80	1.40	3.28	3.62	2.81	0.01	-22.62	7.11
MRBLD1FB87_COS		-95.03	29.05	-157.00	33.80	-52.87	-22.62	-4.82	30.22	13.61	3.66	-20.09	-5.51	-2.15	-0.09	6.49	8.77
MRBLD1FB87_SIN		0.00	-198.64	49.60	79.87	18.25	-2.70	-5.03	-14.98	11.24	12.63	12.16	-3.46	-0.22	-1.22	-22.72	6.56
MRBLD1FB120_COS		-478.83	30.60	-217.55	-19.70	-26.86	2.64	1.21	63.94	4.56	-10.90	-3.98	0.82	2.87	0.04	-12.24	-14.75
MRBLD1FB120_SIN		0.00	-249.64	111.14	159.28	19.55	6.72	-22.76	-55.19	12.88	-0.12	-7.65	-1.72	-4.95	-1.25	33.67	-11.08
MRBLD1FB164_COS		-199.67	53.43	-440.44	71.96	126.08	48.29	14.41	-98.07	-7.57	15.01	-2.83	-0.18	0.68	4.11	9.98	6.96
MRBLD1FB164_SIN		0.00	-279.22	25.72	159.71	13.14	-28.97	16.45	69.84	-26.23	-3.15	14.15	-0.99	-0.09	3.40	-13.64	7.30

RUN	POINT	Harmonics															
45	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.20	-16.24	-314.63	46.26	104.87	23.84	-12.25	-85.51	18.68	9.59	-51.81	-4.86	13.45	10.09	-16.47	-17.56
MRBLD1FB180_SIN		0.00	-177.00	-7.24	56.14	16.93	-15.09	12.88	74.94	-22.08	-10.57	17.69	-2.66	-4.35	-8.15	36.08	-13.66
MRBLD1TOR51_COS		-1417.51	41.90	-164.87	126.80	2.02	-21.25	-11.10	-26.88	14.47	6.45	-6.61	-0.50	7.04	5.53	-8.01	4.28
MRBLD1TOR51_SIN		0.00	-32.89	-111.41	-3.86	33.73	8.86	11.01	43.76	1.92	-7.40	-9.85	-4.70	0.69	0.98	5.06	-5.70
MRBLD1TOR71_COS		-255.15	54.52	-164.70	100.85	13.29	-10.23	-4.43	-9.51	11.69	1.91	-10.33	-0.42	5.84	5.53	-4.82	2.61
MRBLD1TOR71_SIN		0.00	-38.63	-107.23	-24.20	16.76	10.02	12.05	42.46	10.48	-2.05	-6.26	-3.52	0.16	0.83	0.87	-3.18
MRBLD1TOR130_COS		-9.67	44.45	-147.39	75.80	27.40	-6.01	-1.61	-14.30	8.10	4.20	4.19	-1.06	-0.51	-0.97	-2.10	-4.17
MRBLD1TOR130_SIN		0.00	-21.38	-108.42	-38.90	13.60	12.60	14.31	33.53	4.53	0.10	6.43	7.11	2.00	0.17	-5.35	1.40
MRBLD1TOR164_COS		-212.78	17.22	-47.42	35.56	2.78	-14.21	-4.67	-0.89	5.29	1.31	-2.64	0.53	-0.17	0.66	-6.12	-5.75
MRBLD1TOR164_SIN		0.00	5.71	-81.22	-56.54	4.54	7.71	11.73	21.29	4.64	-1.01	2.14	6.19	2.22	0.39	-3.06	-4.09
MRFBM1CB26P5_COS		-4920.40	-338.26	-27.84	91.12	0.97	-2.68	5.23	-14.63	2.40	1.75	5.98	-0.07	0.05	-0.21	-5.21	-0.78
MRFBM1CB26P5_SIN		0.00	30.83	-13.97	-16.03	-28.72	1.99	-15.63	-5.50	-9.09	-2.69	7.47	2.23	0.08	0.62	0.65	-4.49
MRFBM1FB9_COS		298.98	-251.48	157.97	-87.77	28.27	13.06	6.03	18.77	-2.24	-3.44	-4.28	0.38	0.15	0.50	3.45	-1.19
MRFBM1FB9_SIN		0.00	-58.81	45.83	-107.57	-19.67	2.02	2.96	4.56	5.93	1.39	-1.61	-1.01	-0.65	0.22	1.12	2.08
MRFBM1TOR26P5_COS		-357.34	79.68	-1.50	0.38	-0.15	-0.07	-0.24	0.00	0.14	0.00	-0.09	0.01	0.08	0.02	0.26	0.12
MRFBM1TOR26P5_SIN		0.00	-95.59	-0.55	-0.17	0.40	-0.36	0.13	0.05	0.22	0.01	-0.21	-0.12	0.05	0.08	0.19	0.09

RUN	POINT	Harmonics															
45	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-880.14	-849.85	-53.95	288.65	-60.69	-56.77	-15.14	-137.31	24.59	26.01	51.85	-5.54	-3.46	-9.08	-54.65	-4.64
MRPC1CB33P25_SIN		0.00	166.34	-60.85	50.36	80.48	-2.75	2.66	14.13	-55.41	-25.35	-20.84	17.21	3.71	0.98	12.45	-29.36
MRPC1FB33P25_COS		2268.06	15.32	-347.04	379.31	-143.40	-81.62	-44.35	-309.49	-18.88	53.05	114.64	12.76	6.66	-6.14	-128.59	-8.69
MRPC1FB33P25_SIN		0.00	114.42	-93.96	267.44	112.81	30.46	11.73	2.74	-129.68	-72.63	28.66	34.18	13.22	8.56	24.57	-84.54
MRPC1TOR25P5_COS		-801.10	-37.15	147.25	-128.60	-12.22	11.10	5.43	12.74	-16.03	-4.07	15.91	0.81	-10.15	-7.53	-13.38	-11.26
MRPC1TOR25P5_SIN		0.00	86.94	69.11	31.63	-19.83	-8.65	-8.95	-48.45	-9.64	5.62	11.32	11.41	-1.33	-0.40	-11.44	-6.30
MRPLK1LOAD_COS		-86.98	6.24	20.15	-16.02	-1.24	2.15	1.24	3.19	-1.97	-0.71	2.10	-0.25	-1.42	-1.05	-2.10	-2.03
MRPLK1LOAD_SIN		0.00	-15.57	12.91	2.62	-4.03	-0.32	-1.70	-6.14	-0.84	0.55	2.16	1.68	-0.68	-0.22	-3.16	-0.88
PITCHRH_COS		12395.35	-9012.44	-687.95	45.70	-54.82	-441.70	-148.60	-73.99	108.67	13.89	209.66	-114.11	-9.44	-41.43	-20.42	-586.54
PITCHRH_SIN		0.00	2117.73	-788.72	122.79	-71.54	369.69	-60.82	46.20	-77.32	-84.26	-182.78	-7.30	15.76	114.98	-23.97	65.96
ROLLRH_COS		2642.67	-1862.19	809.12	-143.98	-171.71	-889.90	-259.12	-31.45	90.50	132.55	234.99	-30.52	-46.01	94.51	-23.16	-540.55
ROLLRH_SIN		0.00	-8752.65	-737.17	49.12	-31.18	48.56	-354.99	-81.04	93.01	-29.88	40.19	-97.01	11.97	2.37	-36.10	-842.71
TORQ_COS		30070.22	306.60	0.67	-10.32	-78.27	70.64	-2.64	1.55	-28.19	2.89	-4.87	0.52	3.62	-2.40	-2.67	24.94
TORQ_SIN		0.00	747.74	-10.93	10.94	-73.79	11.85	6.48	29.04	-1.41	-3.63	-23.59	2.86	-4.85	7.05	-12.96	-1.14
THRUST_COS		5857.96	-35.15	-5.31	12.76	19.56	34.14	4.59	3.27	-2.53	-5.06	-41.51	2.21	3.21	0.52	9.80	5.66
THRUST_SIN		0.00	-77.25	-6.65	19.39	28.53	-21.67	4.94	17.08	0.68	2.94	2.84	-4.56	0.16	-0.09	-8.44	42.74

RUN	POINT	Harmonics															
45	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.81	41.69	-18.00	-3.68	15.24	31.98	16.51	-0.01	-3.06	-6.52	-7.97	2.02	1.75	-2.93	0.53	16.41
SIDERH_SIN		0.00	197.09	18.31	2.63	-23.38	-71.27	20.69	1.75	-2.06	2.10	0.29	4.95	-0.09	-0.04	0.68	24.74
DRAGRH_COS		-77.89	242.82	21.77	-2.76	0.77	106.41	-1.35	-1.37	-3.67	-3.24	-5.52	6.30	-0.09	0.08	1.37	25.01
DRAGRH_SIN		0.00	-58.69	12.30	-4.95	3.95	101.66	-20.18	-1.43	6.06	4.01	7.14	-4.96	-2.47	-4.79	0.02	-2.34

RUN	POINT	Harmonics															
45	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	1.25	0.00	0.00	0.00	0.00	0.03	-0.02	-0.04	0.02	0.02	0.02	0.02	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.78	0.00	0.00	0.00	0.00	0.01	0.04	0.00	-0.02	-0.01	0.00	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.37	0.61	6.84	-3.58	-4.11	-1.64	0.68	0.31	-0.20	-0.51	0.89	0.65	0.22	0.12	0.06	-0.07
ACT1FORCE_SIN		0.00	12.97	6.40	4.25	0.67	-0.98	0.95	-0.57	0.25	-0.27	0.43	0.10	-0.03	0.17	0.26	0.01
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	-0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		369.95	-9.80	159.33	17.74	29.76	10.02	-7.91	5.88	-0.82	-5.10	-3.93	-0.02	2.26	1.76	0.19	-0.44
FA1IBVOLTAGE_SIN		0.00	-75.66	-240.94	-24.70	1.47	1.49	-11.01	4.76	6.55	2.33	-2.34	-3.61	-1.49	0.84	1.21	0.39
FA1OBCURRENT_COS		0.02	0.01	0.05	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		435.52	10.06	-159.17	-17.85	-30.45	-10.22	7.83	-6.03	0.74	5.13	4.07	0.16	-2.22	-1.83	-0.27	0.41
FA1OBVOLTAGE_SIN		0.00	75.79	241.92	25.02	-1.29	-1.43	10.90	-4.77	-6.59	-2.51	2.25	3.67	1.60	-0.75	-1.21	-0.43
MRBLD1CB42P75_COS		-4384.76	-1041.76	-28.17	316.00	-74.62	-76.82	-7.46	-147.22	24.13	22.83	60.46	-3.83	-6.57	-9.67	-49.29	-4.72
MRBLD1CB42P75_SIN		0.00	-228.84	-26.36	90.75	174.59	-14.80	0.74	73.75	-62.65	2.16	-109.09	36.00	5.93	0.47	21.20	-31.89

RUN	POINT	Harmonics															
45	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2808.51	-643.04	241.42	209.11	-43.67	-78.21	-36.13	-94.15	15.37	16.19	28.63	5.02	-1.23	-4.48	-37.97	-2.07
MRBLD1CB70_SIN		0.00	-96.65	-64.38	146.86	284.33	-15.85	47.18	78.24	-37.17	10.56	-115.96	16.98	5.35	0.11	14.89	-27.29
MRBLD1CB120_COS		-440.79	-276.29	357.86	194.10	-17.20	-41.14	-51.31	-31.83	-30.30	1.49	0.76	8.48	5.61	9.38	0.50	1.90
MRBLD1CB120_SIN		0.00	88.33	-146.84	59.73	267.44	-18.90	66.80	60.78	0.91	-17.97	67.72	-12.23	4.36	3.45	-1.53	-8.92
MRBLD1CB164_COS		-1951.92	-101.41	145.80	55.30	-42.84	-8.65	-12.27	35.49	-26.14	1.86	-6.96	2.05	3.86	4.47	21.49	-4.39
MRBLD1CB164_SIN		0.00	77.13	-64.81	48.18	114.45	-6.18	19.06	-6.47	7.95	-33.91	93.62	-3.31	4.50	3.46	-5.94	20.29
MRBLD1FB42P75_COS		3222.04	115.20	-421.08	654.94	-125.50	-97.37	-73.01	-267.19	-122.30	-31.58	136.27	39.02	22.89	14.27	-9.64	-78.40
MRBLD1FB42P75_SIN		0.00	51.71	28.25	111.94	202.42	74.16	-14.24	251.17	-102.97	-118.85	-58.89	28.22	4.07	5.26	109.68	-34.51
MRBLD1FB70_COS		402.90	5.26	-187.45	191.95	-50.72	-21.76	-2.75	-33.62	-5.65	3.44	-0.73	-2.24	-2.18	-2.54	3.67	16.95
MRBLD1FB70_SIN		0.00	-205.39	33.88	34.70	48.30	4.67	-0.83	52.78	-6.26	1.22	2.31	3.07	2.08	0.57	-22.68	6.51
MRBLD1FB87_COS		-96.17	29.81	-146.43	72.27	-51.65	-23.91	-2.61	26.97	17.57	9.00	-22.36	-6.50	-3.44	-2.49	-0.16	11.12
MRBLD1FB87_SIN		0.00	-204.41	52.58	63.89	25.46	-0.68	-3.22	-23.28	10.14	15.15	16.49	-5.54	0.69	0.45	-21.40	7.45
MRBLD1FB120_COS		-484.06	21.85	-201.82	38.72	-23.61	6.05	1.73	48.34	9.37	-9.32	-3.56	0.79	3.32	2.79	-1.32	-18.28
MRBLD1FB120_SIN		0.00	-254.91	81.29	147.45	24.39	-1.09	-11.29	-78.03	12.60	1.75	-9.00	-1.22	-5.22	-3.08	31.54	-11.31
MRBLD1FB164_COS		-208.50	94.25	-436.79	78.15	124.43	51.25	4.65	-74.12	-14.12	11.34	-1.91	-0.54	-0.55	2.16	3.83	6.65
MRBLD1FB164_SIN		0.00	-290.65	193.94	125.10	-4.62	-18.33	15.62	97.83	-26.74	-6.08	14.77	-0.69	1.05	2.72	-13.55	9.70

RUN	POINT	Harmonics															
45	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.43	23.02	-299.39	26.21	103.32	26.54	-29.20	-68.41	13.54	13.68	-54.67	-3.82	14.33	12.66	-2.76	-19.83
MRBLD1FB180_SIN		0.00	-193.05	153.91	44.48	-1.67	-9.08	9.04	94.29	-31.09	-10.06	30.62	-3.72	-3.85	-10.99	33.86	-13.90
MRBLD1TOR51_COS		-1419.80	89.91	-201.53	79.92	3.23	-25.73	8.66	-24.97	6.67	-2.84	-9.54	2.12	6.19	6.66	-8.18	-0.24
MRBLD1TOR51_SIN		0.00	-32.42	84.25	-34.72	23.12	3.25	0.11	65.94	6.44	-7.40	-10.91	-4.84	1.77	3.25	11.29	-6.58
MRBLD1TOR71_COS		-256.76	102.29	-196.48	50.56	14.68	-13.74	12.77	-7.81	6.55	-4.88	-12.97	1.56	5.28	6.25	-4.68	-0.42
MRBLD1TOR71_SIN		0.00	-33.95	74.65	-51.04	6.98	4.46	4.74	57.93	14.65	-1.85	-5.91	-4.83	0.95	2.24	4.60	-3.34
MRBLD1TOR130_COS		-12.10	94.80	-175.24	18.58	27.37	-8.15	10.17	-12.05	5.20	0.88	4.84	-1.52	0.17	-1.05	-1.15	-2.32
MRBLD1TOR130_SIN		0.00	-17.46	73.44	-60.68	2.64	8.75	6.93	46.09	6.21	-0.71	6.43	5.77	1.70	-0.28	-7.07	2.31
MRBLD1TOR164_COS		-214.75	50.81	-65.45	-9.63	2.12	-16.39	0.92	2.35	6.38	2.99	-2.56	-0.84	0.53	1.03	-2.89	-3.06
MRBLD1TOR164_SIN		0.00	8.67	38.73	-64.49	-1.32	6.59	4.81	21.79	4.71	0.85	3.68	4.58	1.64	-2.11	-5.65	-2.99
MRFBM1CB26P5_COS		-4909.85	-394.08	-48.56	86.97	-3.54	-1.41	6.29	-15.89	-0.08	1.65	8.45	-0.71	-0.38	0.36	-4.22	-1.27
MRFBM1CB26P5_SIN		0.00	-155.39	10.22	-28.42	-14.01	-2.94	-14.15	-0.43	-9.72	-4.50	9.42	3.08	0.43	0.60	2.92	-4.24
MRFBM1FB9_COS		311.19	-175.17	165.88	-131.80	28.12	14.67	3.84	19.84	-1.09	-2.69	-5.01	0.50	0.06	0.37	3.05	-1.62
MRFBM1FB9_SIN		0.00	41.29	10.89	-97.32	-23.03	2.19	6.93	-0.15	6.82	2.08	-0.69	-1.54	-0.84	-0.21	0.09	2.65
MRFBM1TOR26P5_COS		-357.41	80.22	-1.70	0.08	-0.07	-0.05	0.02	0.04	0.06	-0.10	-0.17	0.08	0.06	0.01	0.20	0.07
MRFBM1TOR26P5_SIN		0.00	-94.09	0.77	-0.16	-0.03	-0.33	0.14	0.27	0.30	0.05	-0.24	-0.09	0.04	0.11	0.23	0.07

RUN	POINT	Harmonics															
45	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-846.01	-979.22	-109.10	323.95	-64.44	-54.44	-2.93	-132.20	6.31	17.36	58.14	-2.35	-1.03	-3.99	-43.33	-5.39
MRPC1CB33P25_SIN		0.00	-207.35	4.95	15.05	95.25	-5.62	-18.13	54.30	-62.18	-19.12	-46.25	28.99	6.16	2.43	22.77	-33.23
MRPC1FB33P25_COS		2275.92	51.01	-350.96	512.40	-155.08	-101.28	-52.55	-305.32	-42.75	37.59	133.96	9.94	10.80	4.10	-105.19	-13.32
MRPC1FB33P25_SIN		0.00	201.53	-54.66	215.89	144.78	32.29	-39.44	85.84	-133.90	-103.32	29.80	45.94	17.58	12.87	54.14	-90.44
MRPC1TOR25P5_COS		-798.89	-82.21	178.55	-70.31	-15.17	15.57	-16.42	10.60	-8.13	5.98	20.82	-2.23	-8.84	-7.36	-8.58	-5.61
MRPC1TOR25P5_SIN		0.00	90.40	-137.45	68.00	-11.20	-0.15	-0.19	-69.23	-16.33	5.91	9.10	12.85	-2.52	-3.18	-17.41	-4.98
MRPLK1LOAD_COS		-86.79	-0.72	24.83	-8.88	-1.57	2.72	-1.72	2.79	-0.84	0.92	2.98	-0.95	-1.21	-1.00	-1.12	-1.13
MRPLK1LOAD_SIN		0.00	-16.02	-13.85	7.23	-2.58	0.42	-0.29	-9.44	-1.76	0.34	2.23	1.50	-0.78	-0.73	-4.24	-0.47
PITCHRH_COS		11071.24	-9070.03	-695.61	46.47	-84.97	-403.50	-57.63	-38.01	39.75	28.35	234.64	-103.02	-12.88	-32.68	-6.60	-484.51
PITCHRH_SIN		0.00	2325.24	-679.88	63.54	-88.54	604.36	11.90	43.07	-37.95	-91.22	-232.48	5.26	14.35	75.01	-33.22	119.87
ROLLRH_COS		352.94	-2089.38	777.43	-44.38	-220.11	-1307.77	-135.84	16.03	86.16	98.79	264.11	-24.03	-64.01	67.62	-12.64	-621.12
ROLLRH_SIN		0.00	-8736.87	-739.13	53.49	-126.89	-83.47	-323.52	-68.39	76.43	-32.21	99.06	-87.46	18.52	-13.71	-59.32	-730.14
TORQ_COS		30491.56	345.38	13.04	-1.26	-54.91	42.92	-0.24	2.48	-19.03	0.12	-12.73	3.71	3.36	-3.26	-6.14	19.75
TORQ_SIN		0.00	686.54	-25.98	18.71	-61.49	22.84	4.42	17.69	-5.39	-6.85	-32.58	2.43	-8.40	7.87	-11.38	-12.38
THRUST_COS		5894.43	-40.67	-11.92	22.40	14.62	38.41	2.02	2.39	-0.48	-1.87	-45.95	1.83	5.32	0.54	1.65	7.79
THRUST_SIN		0.00	-67.63	9.36	10.83	27.90	-27.67	8.39	11.83	-2.70	0.53	-10.06	-8.20	0.29	1.58	-6.99	47.87

RUN	POINT	Harmonics															
45	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.32	41.25	-16.10	-3.25	31.92	71.73	8.53	-1.38	-2.31	-4.97	-8.48	1.93	1.95	-1.89	0.23	18.30
SIDERH_SIN		0.00	199.62	15.60	5.22	-25.17	-59.37	14.19	1.94	-1.71	2.60	-3.42	4.91	-0.31	0.42	1.46	20.13
DRAGRH_COS		-87.78	243.46	15.04	-5.78	-6.46	36.54	-7.03	1.14	-3.52	-5.22	-6.16	7.13	-0.77	0.87	0.07	18.18
DRAGRH_SIN		0.00	-63.58	11.75	-2.88	1.98	92.01	-19.23	-1.49	4.91	5.02	10.95	-5.58	0.30	-2.16	0.55	-4.79

RUN	POINT	Harmonics															
45	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.71	-0.01	0.00	0.00	0.00	0.06	0.01	-0.02	-0.03	-0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-1.30	0.00	0.00	-0.01	0.00	0.04	0.07	0.03	-0.03	0.01	0.00	0.00	0.00	-0.01
ACT1DISP_COS		2.64	0.00	-0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.96	0.92	9.13	-2.27	-3.38	-1.04	1.46	-0.34	-1.20	-0.55	0.24	0.15	0.03	0.14	0.10	0.08
ACT1FORCE_SIN		0.00	13.33	1.63	2.72	0.59	-0.65	-1.09	0.82	0.47	-0.29	-1.18	0.32	0.15	-0.03	-0.05	0.27
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.01	-0.01	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.64	-12.65	18.75	13.48	25.51	1.22	-12.62	15.26	10.27	0.74	-4.88	-4.74	-1.46	0.38	-0.24	-1.17
FA1IBVOLTAGE_SIN		0.00	-82.69	-287.56	-7.64	0.31	2.63	7.13	-3.93	7.39	9.70	4.84	-0.49	-2.24	-0.91	0.26	-0.32
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.01	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		436.85	12.87	-18.39	-13.51	-25.85	-1.29	12.52	-15.34	-10.40	-0.99	4.81	4.81	1.57	-0.30	0.27	1.22
FA1OBVOLTAGE_SIN		0.00	82.84	288.40	8.00	0.28	-2.59	-7.13	4.06	-7.39	-9.79	-5.05	0.32	2.19	0.92	-0.24	0.32
MRBLD1CB42P75_COS		-4365.93	-900.91	-65.86	323.95	-71.43	-77.04	-33.71	-55.69	23.10	26.26	55.68	-2.14	-0.49	-1.26	-47.59	-1.37
MRBLD1CB42P75_SIN		0.00	-263.67	-9.10	72.44	196.75	-25.46	-9.11	-7.08	-48.42	5.47	-110.91	32.67	12.53	9.46	28.62	-23.10

RUN	POINT	Harmonics															
45	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2809.74	-554.36	211.15	220.01	-48.26	-84.45	-59.13	-30.68	21.37	23.06	8.98	3.29	0.30	1.18	-34.07	2.99
MRBLD1CB70_SIN		0.00	-120.09	-48.86	137.56	306.03	-15.56	40.41	18.69	-26.61	9.19	-100.14	14.22	7.70	3.62	16.44	-25.27
MRBLD1CB120_COS		-449.01	-242.34	342.16	200.99	-25.18	-57.37	-63.88	-8.36	-20.07	-0.76	-3.44	5.19	0.73	5.27	-1.91	1.76
MRBLD1CB120_SIN		0.00	75.85	-120.57	55.25	288.65	-3.73	73.69	28.55	0.73	-18.27	63.01	-8.61	2.26	1.19	-7.31	-8.74
MRBLD1CB164_COS		-1952.63	-95.22	136.92	65.53	-46.93	-16.19	-12.17	14.00	-22.13	-4.31	6.55	2.70	2.27	2.57	21.50	-7.73
MRBLD1CB164_SIN		0.00	75.57	-69.88	44.05	124.39	-0.47	23.65	4.54	0.64	-30.88	80.16	2.15	5.38	0.40	-5.61	18.44
MRBLD1FB42P75_COS		3215.76	81.24	-421.79	675.59	-99.29	-113.91	-104.98	-180.92	-112.95	-26.14	125.93	46.58	33.70	25.40	-15.59	-63.14
MRBLD1FB42P75_SIN		0.00	73.54	43.45	71.09	239.74	65.90	3.52	24.88	-86.91	-99.85	-109.70	33.73	7.78	10.70	111.47	-32.20
MRBLD1FB70_COS		406.49	3.91	-189.90	203.25	-44.60	-25.67	-11.27	-19.08	-4.99	2.75	-1.87	-1.96	-3.10	-4.36	5.43	14.21
MRBLD1FB70_SIN		0.00	-201.06	36.72	18.82	61.11	2.52	3.91	12.57	-4.22	2.35	2.41	2.73	1.65	-0.42	-23.71	5.78
MRBLD1FB87_COS		-91.69	27.67	-148.61	80.94	-49.61	-23.86	-1.37	18.77	17.11	8.17	-19.36	-7.29	-5.82	-5.10	0.32	8.26
MRBLD1FB87_SIN		0.00	-202.22	48.93	52.07	29.57	-1.49	-3.49	-3.55	7.65	12.81	27.74	-5.89	-0.19	-0.49	-21.51	6.94
MRBLD1FB120_COS		-480.44	17.98	-209.55	55.64	-22.26	7.63	11.17	26.70	5.43	-8.67	-1.43	1.16	5.06	6.53	-3.95	-14.42
MRBLD1FB120_SIN		0.00	-249.49	67.14	135.00	24.39	-2.48	-15.22	-19.32	8.61	-0.14	-12.45	-2.40	-4.84	-2.24	30.97	-11.22
MRBLD1FB164_COS		-206.82	99.70	-399.15	70.36	133.74	58.13	1.51	-42.00	-13.35	7.90	-2.86	-0.16	-3.29	-1.45	2.90	3.94
MRBLD1FB164_SIN		0.00	-302.52	247.24	123.59	-22.81	-2.38	23.17	15.04	-23.20	-2.70	22.08	0.35	1.76	0.73	-15.11	8.23

RUN	POINT	Harmonics															
45	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.48	38.76	-248.88	15.44	109.59	36.17	-33.70	-43.41	10.52	8.76	-47.30	-1.38	13.03	8.93	-9.83	-18.01
MRBLD1FB180_SIN		0.00	-210.72	205.74	51.53	-19.61	-4.76	20.43	18.30	-31.98	-7.79	57.25	-1.32	-2.52	-11.17	33.36	-11.57
MRBLD1TOR51_COS		-1425.13	108.92	-152.14	46.91	3.30	-28.57	7.57	3.90	10.92	-0.71	-16.39	-0.35	2.97	4.32	-7.34	1.05
MRBLD1TOR51_SIN		0.00	-48.80	166.52	-30.32	17.87	3.15	-5.65	21.10	6.45	-1.73	-5.33	-1.46	1.57	-0.09	7.38	-6.83
MRBLD1TOR71_COS		-260.32	118.45	-148.79	19.06	14.04	-16.09	13.38	10.17	10.27	-2.96	-18.92	-0.87	2.22	4.48	-4.62	0.02
MRBLD1TOR71_SIN		0.00	-48.35	151.03	-45.38	0.67	5.10	-0.46	24.00	13.49	2.20	0.01	-2.38	0.25	-0.66	1.35	-3.76
MRBLD1TOR130_COS		-15.50	112.89	-124.39	-12.59	25.91	-9.46	9.62	3.53	7.10	2.32	4.83	-2.30	0.18	-0.42	-2.49	-3.06
MRBLD1TOR130_SIN		0.00	-33.40	149.23	-52.15	-4.88	9.38	3.52	15.59	5.03	1.40	6.35	6.52	2.41	1.39	-5.97	2.56
MRBLD1TOR164_COS		-217.59	65.36	-29.38	-31.24	-0.84	-16.70	-1.04	4.43	6.43	3.96	-1.29	0.28	1.87	1.92	-5.42	-3.64
MRBLD1TOR164_SIN		0.00	-1.67	91.07	-56.03	-4.96	4.51	4.05	9.45	1.82	0.16	7.09	3.90	2.54	0.65	-4.56	-2.59
MRFBM1CB26P5_COS		-4895.73	-331.15	-61.14	82.55	-0.23	-0.12	5.12	-7.34	-1.73	0.72	13.80	-0.04	0.22	-0.17	-5.62	-1.89
MRFBM1CB26P5_SIN		0.00	-167.43	17.01	-32.93	-11.40	-6.67	-15.56	-7.84	-7.72	-3.35	3.21	3.40	1.46	1.53	2.57	-2.76
MRFBM1FB9_COS		293.86	-203.92	178.55	-141.67	27.91	15.88	6.72	7.87	-0.86	-2.36	-5.39	0.54	0.11	0.59	3.16	-1.35
MRFBM1FB9_SIN		0.00	79.21	1.59	-88.34	-28.42	3.35	8.01	5.32	5.92	1.54	0.23	-1.74	-1.25	-0.63	0.00	1.53
MRFBM1TOR26P5_COS		-357.59	80.15	-1.34	-0.10	-0.19	-0.06	0.06	0.21	0.13	-0.09	-0.32	0.07	0.04	-0.02	0.23	0.10
MRFBM1TOR26P5_SIN		0.00	-93.98	1.27	-0.13	-0.15	-0.32	0.10	0.04	0.30	0.15	-0.15	-0.04	0.01	0.06	0.22	0.05

RUN	POINT	Harmonics															
45	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-822.39	-853.78	-139.96	325.34	-56.86	-55.01	-24.50	-56.03	4.16	18.29	62.85	-0.06	3.15	1.00	-44.12	-2.78
MRPC1CB33P25_SIN		0.00	-244.96	26.91	-1.44	114.05	-18.43	-23.80	-18.59	-49.11	-13.19	-60.10	29.04	11.57	9.95	26.15	-24.90
MRPC1FB33P25_COS		2270.41	17.54	-355.84	539.26	-141.82	-112.28	-84.14	-148.63	-43.44	33.32	153.79	11.87	16.08	7.39	-111.03	-7.64
MRPC1FB33P25_SIN		0.00	220.23	-47.63	185.51	182.14	20.40	-34.97	-54.52	-118.43	-86.93	-12.27	52.74	29.28	26.48	51.22	-74.82
MRPC1TOR25P5_COS		-792.99	-105.53	127.05	-33.53	-14.67	17.81	-17.43	-12.65	-13.33	5.14	30.21	-0.04	-4.33	-2.79	-11.93	-6.73
MRPC1TOR25P5_SIN		0.00	107.88	-227.79	62.83	-4.28	-0.72	4.47	-26.89	-16.20	-0.45	2.05	7.53	-1.06	3.04	-13.09	-3.20
MRPLK1LOAD_COS		-85.98	-3.10	17.77	-4.02	-1.58	3.04	-1.67	-0.96	-1.56	0.73	4.52	-0.68	-0.67	-0.38	-1.81	-1.45
MRPLK1LOAD_SIN		0.00	-13.45	-25.32	6.58	-1.67	0.26	0.41	-3.11	-1.90	-0.65	1.20	0.79	-0.59	0.24	-3.76	-0.28
PITCHRH_COS		11534.75	-9030.71	-626.35	22.44	-83.08	-309.54	55.99	-52.26	97.11	-25.45	172.14	-84.08	11.08	-51.51	-2.16	-554.69
PITCHRH_SIN		0.00	2340.07	-626.44	46.82	-114.34	708.25	-10.42	44.58	8.39	-73.83	-249.26	1.80	-26.97	57.78	-28.07	192.66
ROLLRH_COS		-398.93	-2102.48	748.06	31.34	-291.69	-1541.10	-60.44	-71.07	41.06	115.54	248.02	-42.83	-14.93	-19.29	-13.48	-658.40
ROLLRH_SIN		0.00	-8615.84	-720.09	35.56	-123.25	235.28	-350.39	-131.19	108.28	-13.26	64.36	-72.24	-0.21	50.06	-19.10	-724.86
TORQ_COS		30908.96	369.49	9.31	5.35	-63.30	33.03	-2.62	-7.83	-11.42	1.15	-32.76	3.05	5.42	-2.32	-3.75	21.42
TORQ_SIN		0.00	714.57	-28.25	19.60	-83.56	41.26	4.86	37.18	-2.61	-8.36	-9.70	2.30	-5.66	7.44	-15.70	-22.94
THRUST_COS		5843.85	-37.35	-6.49	21.08	16.64	45.78	2.00	2.01	-2.52	-2.76	-54.38	0.28	2.84	1.53	-1.49	4.97
THRUST_SIN		0.00	-59.84	15.15	5.14	31.68	-24.40	7.55	24.01	-6.60	-2.03	13.42	-5.72	1.90	-1.21	-8.56	44.25

RUN	POINT	Harmonics															
45	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.62	42.65	-16.20	-4.26	32.41	80.27	8.23	0.81	-1.33	-5.70	-7.67	2.28	0.47	0.38	0.11	19.00
SIDERH_SIN		0.00	184.17	15.25	5.40	-29.24	-87.20	15.01	3.00	-2.92	1.99	-2.92	4.03	0.41	-1.67	0.13	19.76
DRAGRH_COS		-87.13	240.20	13.18	-6.84	-7.42	42.36	-9.38	0.97	-4.74	-2.42	-3.15	4.86	-2.07	2.90	0.06	21.63
DRAGRH_SIN		0.00	-63.45	12.05	-0.79	4.05	104.48	-21.66	-3.48	4.20	4.76	10.58	-5.58	0.93	-0.84	0.15	-7.21

RUN	POINT	Harmonics															
45	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-0.04	0.00	0.00	0.00	0.00	0.06	0.03	0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-1.49	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.53	0.27	7.60	-1.56	-3.14	-1.07	-0.66	1.08	-0.07	-0.33	-0.50	0.26	0.01	-0.17	0.25	-0.21
ACT1FORCE_SIN		0.00	13.11	-2.61	2.10	1.32	0.00	-2.10	0.72	1.09	0.32	0.34	-0.13	-0.01	0.03	0.08	0.19
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	-0.01	-0.01	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		371.41	-10.77	-123.20	12.13	24.39	5.02	4.47	0.26	4.23	5.53	4.09	1.50	-1.05	-2.20	-1.94	-0.93
FA1IBVOLTAGE_SIN		0.00	-81.76	-267.59	-5.39	-7.87	2.64	17.35	-7.33	-4.84	-0.96	2.30	3.81	3.12	1.35	-0.27	-1.02
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		434.08	10.93	123.90	-12.03	-24.17	-5.11	-4.63	-0.26	-4.31	-5.59	-4.22	-1.63	0.96	2.17	1.97	0.99
FA1OBVOLTAGE_SIN		0.00	81.88	268.22	5.73	8.49	-2.56	-17.30	7.37	4.86	1.08	-2.26	-3.83	-3.22	-1.46	0.18	0.98
MRBLD1CB42P75_COS		-4385.89	-1086.52	-3.83	318.50	-54.45	-77.93	-35.28	-97.69	21.69	32.05	77.86	-29.50	-8.45	2.36	-34.12	-3.22
MRBLD1CB42P75_SIN		0.00	-356.14	10.54	42.64	181.47	-30.69	1.55	-43.09	-40.70	9.43	-37.15	40.24	8.16	5.49	37.84	-17.73

RUN	POINT	Harmonics															
45	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2811.62	-668.59	249.56	228.94	-28.04	-87.87	-56.83	-57.87	22.33	29.90	39.84	-13.59	-5.43	2.71	-26.76	-1.06
MRBLD1CB70_SIN		0.00	-195.41	-26.52	108.17	294.31	-16.30	49.29	-2.60	-25.36	10.09	-46.46	21.23	7.15	1.83	23.01	-19.49
MRBLD1CB120_COS		-425.94	-282.20	370.13	212.00	-8.96	-60.89	-51.74	-8.77	-21.09	-8.60	-21.00	19.27	6.56	4.49	-4.12	-0.10
MRBLD1CB120_SIN		0.00	23.31	-99.19	23.50	267.39	1.89	77.29	26.97	-0.91	-20.59	31.63	-12.75	5.13	2.59	-7.20	-9.12
MRBLD1CB164_COS		-1943.13	-104.12	128.23	76.51	-41.71	-18.29	-7.47	27.05	-25.70	-15.85	-19.15	15.10	8.78	2.97	19.48	-4.23
MRBLD1CB164_SIN		0.00	59.06	-69.24	27.80	113.96	2.83	24.57	16.13	-0.67	-30.31	43.46	-1.34	8.41	2.76	-8.57	15.83
MRBLD1FB42P75_COS		3224.19	131.60	-374.31	669.41	-101.60	-104.79	-92.27	-251.33	-106.57	-31.57	123.15	30.51	29.77	30.52	14.80	-59.13
MRBLD1FB42P75_SIN		0.00	89.39	39.51	-5.15	164.37	61.20	6.28	-8.52	-55.82	-73.92	-49.35	44.54	3.98	0.84	100.56	-21.46
MRBLD1FB70_COS		406.27	2.69	-174.26	202.15	-45.81	-24.56	-9.39	-33.13	-3.99	2.58	0.77	-1.05	-2.78	-5.53	-0.92	13.42
MRBLD1FB70_SIN		0.00	-200.16	32.90	-9.07	40.08	1.01	4.88	5.82	-1.10	3.04	2.96	2.46	2.62	0.81	-22.11	3.44
MRBLD1FB87_COS		-94.09	26.02	-143.34	83.16	-49.28	-23.45	-2.70	24.42	15.81	8.15	-21.98	-3.13	-4.27	-5.79	-5.93	7.24
MRBLD1FB87_SIN		0.00	-198.51	44.59	34.79	22.64	-0.51	-3.09	-0.83	3.09	8.00	13.02	-9.61	0.60	2.33	-18.29	5.23
MRBLD1FB120_COS		-490.02	14.78	-216.34	64.98	-19.75	6.37	9.02	47.00	4.95	-7.15	-1.24	-2.37	4.51	8.00	6.44	-12.83
MRBLD1FB120_SIN		0.00	-241.29	59.51	115.11	33.97	-2.53	-17.44	-11.00	5.75	-0.06	-9.04	-0.40	-5.44	-5.15	26.09	-8.62
MRBLD1FB164_COS		-212.76	92.79	-315.52	59.50	148.73	62.25	6.26	-72.08	-14.51	5.47	-4.98	4.59	-1.66	-1.72	-1.00	4.12
MRBLD1FB164_SIN		0.00	-304.88	260.09	122.20	-2.65	1.04	21.25	2.68	-14.99	-0.70	12.11	-4.06	2.70	2.96	-13.52	5.65

RUN	POINT	Harmonics															
45	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.05	38.66	-166.68	-0.12	115.39	43.36	-25.00	-76.76	3.85	5.26	-55.77	4.50	17.52	13.60	2.70	-16.62
MRBLD1FB180_SIN		0.00	-220.65	219.08	62.13	-12.77	-7.03	24.06	9.35	-27.62	-13.01	26.98	-10.36	-3.21	-10.35	30.04	-7.07
MRBLD1TOR51_COS		-1425.86	116.34	-50.92	25.09	-2.29	-24.74	8.98	-20.25	10.15	4.59	-11.00	2.31	4.82	2.94	-5.93	-1.49
MRBLD1TOR51_SIN		0.00	-72.63	207.09	-8.30	1.17	-2.78	-0.49	9.73	0.55	-4.23	-3.55	-2.09	4.57	3.22	9.52	-6.11
MRBLD1TOR71_COS		-261.64	127.55	-56.05	-1.86	7.64	-12.84	14.05	-9.18	9.73	1.83	-14.18	2.58	4.03	3.05	-4.10	-2.09
MRBLD1TOR71_SIN		0.00	-69.84	188.71	-21.54	-12.05	-0.28	3.77	16.59	7.38	-0.77	-1.82	-3.07	2.84	1.89	3.42	-3.05
MRBLD1TOR130_COS		-17.46	120.93	-31.88	-32.94	19.57	-7.14	10.63	-11.60	5.57	3.12	4.05	-2.63	0.43	-0.23	-2.65	-2.47
MRBLD1TOR130_SIN		0.00	-56.50	185.92	-24.93	-12.60	4.42	6.76	9.95	2.95	-0.38	8.47	5.77	2.24	1.03	-5.18	2.90
MRBLD1TOR164_COS		-219.85	72.74	28.98	-43.95	-6.42	-15.06	-1.43	-2.36	4.76	3.70	-0.63	0.20	2.16	3.89	-3.35	-2.55
MRBLD1TOR164_SIN		0.00	-19.36	116.44	-34.80	-13.33	1.29	6.58	9.04	1.00	-1.77	3.03	3.07	1.09	-0.61	-3.64	-2.00
MRFBM1CB26P5_COS		-4910.51	-414.80	-35.73	74.88	1.20	0.15	4.57	-13.07	-1.62	-0.05	8.96	-1.15	0.69	0.84	-3.73	-1.63
MRFBM1CB26P5_SIN		0.00	-210.13	24.43	-34.33	-10.83	-8.72	-14.50	-12.60	-6.04	-2.39	5.00	3.14	0.41	1.44	3.45	-2.65
MRFBM1FB9_COS		306.05	-139.61	144.37	-146.99	23.16	15.29	6.19	9.09	-0.19	-1.89	-4.00	1.32	0.18	0.15	2.80	-0.72
MRFBM1FB9_SIN		0.00	82.96	-1.67	-68.84	-20.25	2.79	6.48	9.27	4.99	1.22	-2.05	-1.36	-0.94	-0.63	-0.76	1.43
MRFBM1TOR26P5_COS		-357.26	80.86	-0.76	-0.21	-0.29	-0.02	0.06	-0.01	0.16	0.09	-0.19	0.08	0.06	-0.02	0.24	0.11
MRFBM1TOR26P5_SIN		0.00	-93.57	1.57	0.10	-0.25	-0.34	0.18	-0.05	0.17	0.13	-0.07	-0.03	0.06	0.09	0.17	0.01

RUN	POINT	Harmonics															
45	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-841.67	-1022.28	-72.13	310.85	-46.37	-54.02	-24.20	-91.37	2.56	19.51	66.98	-18.09	-0.88	4.98	-30.94	-5.15
MRPC1CB33P25_SIN		0.00	-316.35	39.60	-23.74	97.22	-23.00	-14.45	-48.04	-40.25	-9.00	-12.32	32.38	8.29	7.20	34.45	-20.40
MRPC1FB33P25_COS		2278.01	61.40	-322.45	548.53	-126.71	-104.00	-75.14	-189.33	-51.92	16.23	118.36	-7.05	16.85	18.41	-83.43	-14.88
MRPC1FB33P25_SIN		0.00	237.14	-45.71	120.20	120.67	19.00	-29.25	-109.52	-91.92	-70.82	32.45	50.10	22.90	24.14	70.72	-64.44
MRPC1TOR25P5_COS		-792.02	-107.99	17.74	-7.38	-7.67	13.92	-18.54	12.16	-13.39	-1.94	23.03	-6.60	-6.49	-0.81	-11.07	-5.96
MRPC1TOR25P5_SIN		0.00	134.84	-267.95	35.13	12.53	6.01	-0.42	-16.60	-7.52	1.95	5.73	8.65	-5.60	-1.61	-10.82	-1.57
MRPLK1LOAD_COS		-86.00	-4.30	3.99	-0.92	-0.52	2.46	-1.87	2.71	-1.66	-0.34	3.12	-1.28	-0.91	-0.24	-1.90	-1.44
MRPLK1LOAD_SIN		0.00	-10.59	-30.55	3.25	0.68	1.10	-0.35	-1.54	-0.69	-0.39	1.15	0.71	-1.17	-0.48	-3.25	0.06
PITCHRH_COS		10263.41	-9019.43	-568.21	-23.21	-67.17	-304.57	-12.82	-68.16	57.21	14.39	20.26	-83.29	1.36	-11.64	8.57	-446.54
PITCHRH_SIN		0.00	2356.68	-620.95	48.94	-101.79	558.11	36.00	53.18	-9.30	-66.60	-186.34	-31.33	-45.49	77.13	-5.32	215.93
ROLLRH_COS		-560.48	-2127.12	737.64	20.15	-271.95	-1217.44	-126.99	-70.88	69.54	107.23	253.96	-33.55	-9.75	15.02	-8.05	-619.98
ROLLRH_SIN		0.00	-8609.44	-678.77	29.98	-64.71	275.58	-325.36	-66.68	64.96	8.77	49.32	-69.36	-54.09	-12.39	-45.67	-532.46
TORQ_COS		30650.78	331.52	3.63	9.65	-54.53	44.95	-4.70	28.70	-8.14	-1.69	-18.83	1.69	1.08	-2.54	-3.56	19.69
TORQ_SIN		0.00	688.13	-29.02	20.04	-87.95	59.03	5.24	49.55	-1.96	-8.98	-12.14	3.43	-2.31	6.34	-12.31	-15.58
THRUST_COS		5885.16	-33.05	-1.21	16.88	14.97	41.66	2.92	30.12	-5.13	-6.80	-40.96	1.97	-0.66	-0.42	2.62	6.02
THRUST_SIN		0.00	-58.26	21.03	2.65	33.87	-25.83	8.10	17.21	-3.17	0.12	0.61	-2.30	4.47	-1.49	-7.00	42.29

RUN	POINT	Harmonics															
45	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-181.46	49.38	-17.16	-3.51	25.82	64.75	13.54	0.68	-0.71	-6.03	-9.37	1.65	0.35	-0.66	-0.11	17.65
SIDERH_SIN		0.00	185.92	13.09	4.48	-35.16	-80.07	15.51	1.33	-1.81	0.78	-2.52	3.16	1.97	0.24	0.96	13.99
DRAGRH_COS		-95.54	241.01	11.91	-6.60	-6.36	36.58	-6.26	-4.23	-2.45	-2.00	5.71	4.14	0.47	0.88	-1.06	16.12
DRAGRH_SIN		0.00	-64.62	14.19	-0.87	3.00	78.50	-29.76	-3.59	4.54	2.11	11.22	-2.10	0.69	-1.15	-0.51	-8.20

RUN	POINT	Harmonics															
45	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-0.79	0.00	0.00	0.00	0.00	0.05	0.02	-0.01	0.02	0.00	0.01	0.00	-0.02	0.00
FLAP1C_SIN		0.00	0.00	-1.27	0.00	0.00	0.00	0.00	0.00	0.03	0.02	-0.03	0.00	0.01	0.01	-0.01	0.00
ACT1DISP_COS		2.64	0.00	0.09	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.27	-0.16	4.81	-1.45	-3.02	-0.37	-1.20	1.05	0.02	-0.48	0.80	0.21	0.23	0.03	-0.26	0.00
ACT1FORCE_SIN		0.00	13.76	-5.83	1.29	1.25	-0.32	0.28	0.07	0.85	0.16	-0.53	-0.09	0.25	0.08	-0.16	0.22
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.73	-9.24	-236.96	11.87	21.82	3.30	8.22	0.10	0.07	-0.07	0.09	-0.06	0.00	-0.05	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-86.89	-175.07	-3.87	-10.24	4.94	-2.02	-0.20	0.13	0.08	-0.05	0.00	0.04	-0.03	-0.10	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.76	9.32	237.82	-11.66	-21.27	-3.37	-8.29	-0.16	-0.09	0.05	-0.11	0.04	-0.01	0.05	0.04	0.02
FA1OBVOLTAGE_SIN		0.00	87.00	175.31	4.13	10.37	-4.86	2.18	0.22	-0.08	-0.08	0.06	-0.01	-0.04	0.02	0.09	0.02
MRBLD1CB42P75_COS		-4344.74	-1310.10	6.74	283.68	-53.98	-69.75	-47.47	-92.07	19.04	29.68	90.69	-19.61	-10.91	0.72	-35.91	1.17
MRBLD1CB42P75_SIN		0.00	-357.35	2.89	41.95	118.42	-36.55	-2.38	-12.72	-24.79	19.92	-63.07	51.36	13.93	7.84	32.63	-16.23

RUN	POINT	Harmonics															
45	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2832.52	-807.84	256.28	201.97	-27.46	-49.51	-69.69	-60.19	18.65	32.06	33.49	-9.56	-6.11	0.66	-30.90	4.56
MRBLD1CB70_SIN		0.00	-202.33	-25.34	100.55	231.06	-5.07	35.79	10.08	-15.21	20.31	-58.16	26.81	9.66	4.88	19.74	-18.71
MRBLD1CB120_COS		-425.35	-341.54	387.82	188.22	-26.74	-5.40	-58.79	-17.91	-29.64	-17.52	-24.20	14.54	7.49	3.44	-5.52	1.93
MRBLD1CB120_SIN		0.00	18.50	-91.83	16.15	214.68	34.79	56.75	19.66	-2.57	-26.04	35.32	-18.30	1.06	2.43	-7.79	-7.02
MRBLD1CB164_COS		-1943.69	-113.39	123.89	65.49	-50.36	7.39	-3.59	22.36	-31.25	-24.56	-8.85	13.25	9.14	3.76	20.31	-9.35
MRBLD1CB164_SIN		0.00	60.82	-65.10	13.86	91.50	17.41	16.31	3.72	-6.61	-39.73	47.24	-5.20	5.57	-0.34	-8.01	12.93
MRBLD1FB42P75_COS		3196.98	188.93	-363.57	611.14	-191.38	-114.55	-114.05	-236.23	-111.42	-57.95	136.25	47.84	28.30	27.15	2.07	-43.50
MRBLD1FB42P75_SIN		0.00	92.14	26.63	-3.35	100.90	79.72	13.23	36.81	-26.85	-63.31	-116.67	46.43	11.67	5.47	94.76	-30.16
MRBLD1FB70_COS		405.99	1.53	-171.39	181.62	-70.20	-26.89	-13.96	-29.83	-3.25	0.66	-0.69	-1.29	-2.75	-5.20	1.13	9.81
MRBLD1FB70_SIN		0.00	-196.39	27.13	-12.64	20.16	5.29	6.37	12.93	2.64	5.14	1.80	2.01	1.94	-0.18	-21.01	5.76
MRBLD1FB87_COS		-92.07	25.31	-145.20	70.88	-56.13	-24.84	-1.23	22.54	16.79	12.80	-24.64	-7.33	-3.72	-5.38	-3.40	5.35
MRBLD1FB87_SIN		0.00	-195.23	40.80	27.92	15.94	0.75	-3.39	-5.58	-1.28	6.95	28.78	-10.28	-1.38	1.30	-17.52	6.24
MRBLD1FB120_COS		-485.41	22.12	-231.48	57.02	-10.20	4.52	16.26	41.20	5.33	-4.57	1.86	0.99	3.45	7.90	2.08	-10.20
MRBLD1FB120_SIN		0.00	-236.99	56.67	98.54	41.27	-8.33	-17.10	-20.63	0.32	-2.72	-11.58	1.39	-3.15	-3.04	26.60	-9.57
MRBLD1FB164_COS		-210.85	81.31	-264.40	57.19	180.47	80.44	-2.30	-64.79	-13.99	2.39	-6.69	1.18	-0.37	-1.22	1.64	4.76
MRBLD1FB164_SIN		0.00	-321.69	223.24	140.36	25.46	5.92	18.53	15.32	-7.87	2.68	22.09	-5.20	-0.03	0.76	-14.26	5.31

RUN	POINT	Harmonics															
45	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-216.06	35.40	-104.51	4.25	134.41	62.14	-28.10	-72.77	0.02	9.26	-57.94	-3.81	14.85	8.83	-7.75	-17.41
MRBLD1FB180_SIN		0.00	-238.39	185.39	80.91	-2.71	-6.41	18.60	19.65	-25.96	-11.15	59.30	-10.19	-4.92	-7.39	32.50	-8.04
MRBLD1TOR51_COS		-1433.23	110.15	47.33	15.79	-13.55	-25.85	8.56	-17.55	7.54	-1.13	-13.20	2.77	6.27	1.84	-8.09	2.40
MRBLD1TOR51_SIN		0.00	-98.40	192.37	25.73	-7.77	0.50	1.67	17.54	6.93	-2.22	-5.81	-3.98	3.21	1.93	4.22	-7.72
MRBLD1TOR71_COS		-267.41	123.57	36.67	-8.27	-1.01	-14.27	14.74	-6.45	7.70	-2.47	-17.71	1.74	5.82	2.59	-6.61	0.29
MRBLD1TOR71_SIN		0.00	-94.02	175.08	10.64	-16.32	1.53	5.93	21.63	11.91	0.70	-1.96	-5.06	1.37	1.50	0.44	-4.32
MRBLD1TOR130_COS		-22.42	115.51	61.89	-35.14	14.41	-7.62	10.76	-9.31	3.38	-1.46	5.46	-3.90	0.56	0.04	-3.55	-4.20
MRBLD1TOR130_SIN		0.00	-82.55	170.79	7.52	-12.95	5.52	7.80	14.86	6.76	0.90	5.58	6.86	2.11	1.89	-2.85	3.69
MRBLD1TOR164_COS		-223.44	70.23	94.25	-42.28	-11.90	-16.51	-0.67	-1.17	5.37	4.42	-3.22	-1.50	0.93	2.90	-4.14	-4.76
MRBLD1TOR164_SIN		0.00	-37.63	108.59	-14.72	-18.70	0.68	6.71	9.66	1.07	-0.65	5.75	4.48	1.61	0.87	-0.73	-0.51
MRFBM1CB26P5_COS		-4878.99	-523.77	-30.44	69.39	3.67	-6.35	4.79	-10.56	-1.96	-1.38	15.22	-0.06	0.12	0.79	-3.21	-1.22
MRFBM1CB26P5_SIN		0.00	-224.67	21.35	-28.27	-15.96	-14.95	-12.37	-5.94	-4.54	-3.21	1.45	3.77	0.90	0.97	2.94	-1.81
MRFBM1FB9_COS		278.39	-43.11	139.21	-132.18	29.65	15.70	7.22	10.49	0.90	-1.08	-5.92	1.13	0.60	0.31	2.64	-0.98
MRFBM1FB9_SIN		0.00	78.83	5.78	-63.13	-7.99	0.83	6.62	7.41	4.26	1.44	-1.31	-1.99	-1.08	-0.58	-0.41	0.80
MRFBM1TOR26P5_COS		-357.44	81.82	-0.07	-0.16	-0.27	-0.02	0.07	0.01	0.19	0.06	-0.25	0.19	0.05	-0.03	0.24	0.13
MRFBM1TOR26P5_SIN		0.00	-98.14	1.59	0.24	-0.22	-0.24	0.25	0.01	0.20	0.11	-0.08	-0.12	0.05	0.04	0.09	-0.02

RUN	POINT	Harmonics															
45	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-808.50	-1217.74	-56.11	278.72	-53.21	-58.85	-32.66	-84.25	-0.89	13.20	84.22	-9.81	-2.77	2.90	-32.28	0.13
MRPC1CB33P25_SIN		0.00	-301.33	26.55	-14.57	50.63	-28.70	-14.30	-19.94	-27.86	-4.53	-36.85	40.74	12.71	8.61	28.90	-17.75
MRPC1FB33P25_COS		2254.99	113.06	-319.04	500.94	-185.05	-115.52	-95.53	-196.30	-67.90	-7.55	166.11	3.58	10.74	12.45	-86.39	0.63
MRPC1FB33P25_SIN		0.00	246.51	-52.86	110.75	48.25	32.07	-31.38	-68.85	-72.51	-75.29	-8.07	62.94	27.89	25.47	57.93	-54.93
MRPC1TOR25P5_COS		-785.00	-95.75	-90.40	0.91	2.29	15.73	-19.46	8.68	-10.66	4.26	27.69	-7.57	-8.00	0.10	-10.32	-9.12
MRPC1TOR25P5_SIN		0.00	160.08	-249.95	-1.60	17.77	3.12	-2.12	-23.87	-13.69	1.43	6.14	12.78	-3.05	1.43	-4.18	1.88
MRPLK1LOAD_COS		-84.85	-3.93	-9.44	0.22	1.21	2.63	-1.90	2.18	-1.27	0.48	3.71	-1.84	-1.01	-0.04	-2.02	-1.93
MRPLK1LOAD_SIN		0.00	-7.92	-28.59	-1.64	1.62	0.52	-0.67	-2.71	-1.62	-0.40	1.36	1.41	-0.80	0.11	-1.99	0.69
PITCHRH_COS		8476.10	-9045.25	-424.58	-64.80	-45.78	-508.21	14.88	-67.89	28.22	23.00	29.23	-70.61	-21.91	-65.65	14.76	-398.73
PITCHRH_SIN		0.00	2357.14	-583.86	58.80	-32.23	292.72	82.81	28.61	8.11	-86.20	-190.52	-31.55	15.52	61.69	-4.88	272.96
ROLLRH_COS		-370.95	-2048.55	724.75	38.12	-321.84	-919.75	-60.15	-39.13	60.05	82.73	317.18	-9.86	-54.36	46.54	-13.26	-602.98
ROLLRH_SIN		0.00	-8661.85	-614.80	14.34	7.92	15.26	-297.80	-46.98	53.66	23.84	-1.48	-47.81	3.23	64.42	-55.62	-434.85
TORQ_COS		31165.05	344.07	-5.48	14.65	-80.43	59.87	-2.39	7.04	-13.57	-3.18	-32.75	-2.30	4.99	-3.51	-1.97	18.64
TORQ_SIN		0.00	655.89	-36.58	27.37	-36.19	98.32	9.07	18.99	-10.15	-8.37	-3.33	3.20	-7.48	8.13	-9.74	-20.93
THRUST_COS		5797.33	-31.80	10.53	15.95	20.61	47.52	2.88	7.40	-1.64	-4.85	-60.04	0.14	3.51	-0.37	1.99	1.81
THRUST_SIN		0.00	-60.44	23.63	-0.02	24.96	-25.44	6.33	2.39	-2.17	1.16	18.85	-1.10	1.64	1.34	-4.47	32.37

RUN	POINT	Harmonics															
45	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.39	40.30	-19.21	-3.75	9.60	60.42	4.12	1.56	-0.29	-4.55	-11.65	0.77	1.96	-1.51	0.11	17.14
SIDERH_SIN		0.00	188.15	12.28	5.34	-43.60	-62.20	9.60	0.57	-1.33	0.25	-1.30	2.33	0.00	-2.08	1.25	11.64
DRAGRH_COS		-115.86	242.39	8.72	-6.94	-9.34	16.13	-12.40	-4.30	-1.82	-4.16	5.09	3.91	-0.46	3.98	-1.15	15.21
DRAGRH_SIN		0.00	-63.32	18.11	-0.38	8.38	64.04	-22.43	-4.07	1.83	3.40	10.07	-1.02	-0.49	-3.06	-0.63	-11.66

RUN	POINT	Harmonics															
45	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-1.32	0.00	0.00	0.00	0.00	0.04	0.00	-0.01	-0.02	0.00	0.02	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.71	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00
ACT1DISP_COS		2.64	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.24	0.21	1.05	-1.82	-2.82	-0.60	1.01	1.14	-0.16	-0.12	-0.54	0.17	0.55	0.21	0.21	-0.03
ACT1FORCE_SIN		0.00	14.66	-7.25	0.90	1.33	-0.93	0.96	0.18	0.70	0.20	-0.22	0.07	0.08	0.10	-0.45	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.07	-13.90	-291.14	15.78	20.23	6.71	-9.54	0.11	0.12	-0.01	-0.09	0.04	0.05	0.02	0.05	0.01
FA1IBVOLTAGE_SIN		0.00	-93.73	-38.47	-7.60	-11.85	6.55	-5.70	-0.22	0.02	0.06	-0.11	0.03	0.07	0.05	-0.03	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.41	13.91	291.93	-15.52	-19.92	-6.76	9.60	-0.13	-0.08	0.02	0.09	-0.03	-0.05	-0.02	-0.03	0.00
FA1OBVOLTAGE_SIN		0.00	93.89	38.29	7.73	11.42	-6.49	5.78	0.24	-0.09	-0.05	0.12	-0.01	-0.08	-0.04	0.03	0.03
MRBLD1CB42P75_COS		-4342.16	-1456.36	13.72	234.39	-39.46	-69.59	-60.15	-95.82	29.76	27.65	46.26	-22.28	-15.46	-6.75	-27.61	5.56
MRBLD1CB42P75_SIN		0.00	-126.64	2.83	15.23	100.51	-41.18	1.39	-62.13	-22.81	21.02	-71.66	55.42	15.10	5.48	1.29	-5.28

RUN	POINT	Harmonics															
45	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2831.94	-898.44	265.59	160.55	-20.35	-66.70	-71.43	-70.64	24.62	33.17	11.72	-15.67	-6.24	-3.51	-23.24	8.58
MRBLD1CB70_SIN		0.00	-59.52	-25.43	61.27	225.05	-15.96	30.08	-23.43	-13.01	21.56	-42.55	29.03	8.39	3.11	-7.60	-8.91
MRBLD1CB120_COS		-428.96	-378.03	405.97	153.93	-25.53	-25.36	-46.25	-30.68	-36.82	-14.38	-9.51	14.60	10.33	5.40	0.37	1.60
MRBLD1CB120_SIN		0.00	77.65	-102.96	-17.22	209.12	27.27	48.44	5.81	-2.97	-26.45	40.23	-19.58	0.40	0.58	-8.61	-5.92
MRBLD1CB164_COS		-1946.04	-119.22	116.91	47.21	-52.41	-5.15	6.87	18.37	-38.88	-22.75	1.84	16.30	8.82	6.02	13.63	-8.54
MRBLD1CB164_SIN		0.00	75.26	-60.34	-8.28	85.88	14.54	13.56	13.23	-11.04	-42.31	33.59	-7.23	4.95	-0.38	6.97	5.62
MRBLD1FB42P75_COS		3187.94	220.85	-359.10	484.16	-189.79	-69.61	-125.85	-297.45	-118.12	-67.71	53.16	49.92	19.14	8.54	-39.99	-20.36
MRBLD1FB42P75_SIN		0.00	26.86	14.25	-38.43	44.56	83.95	28.70	-54.76	-30.98	-65.35	-127.94	43.87	17.53	4.23	33.88	-24.87
MRBLD1FB70_COS		407.16	-1.82	-172.25	137.89	-67.55	-16.90	-16.26	-39.49	-1.64	1.66	-0.14	-0.04	-0.85	-1.88	9.70	5.58
MRBLD1FB70_SIN		0.00	-197.05	23.76	-27.92	4.45	6.78	9.57	-3.21	1.97	5.44	3.05	2.15	1.66	0.23	-8.18	5.01
MRBLD1FB87_COS		-90.38	22.60	-149.19	44.11	-53.86	-23.01	-1.05	28.07	18.16	15.25	-6.27	-8.22	-1.82	-1.91	4.98	0.45
MRBLD1FB87_SIN		0.00	-195.44	41.60	16.75	10.27	2.80	-3.09	4.01	0.55	8.41	30.80	-9.80	-2.44	1.57	-5.59	4.44
MRBLD1FB120_COS		-483.73	26.60	-244.17	26.43	-6.42	-3.18	19.77	55.95	2.97	-6.22	-3.23	0.98	2.42	3.57	-10.29	-2.74
MRBLD1FB120_SIN		0.00	-239.53	70.13	77.43	44.80	-8.20	-21.08	1.00	-1.24	-5.46	-15.85	0.16	-2.54	-3.52	7.47	-6.73
MRBLD1FB164_COS		-208.93	61.56	-221.35	41.78	184.85	79.97	-4.31	-85.65	-12.76	4.56	1.96	-0.36	-0.03	0.29	7.72	1.51
MRBLD1FB164_SIN		0.00	-337.85	167.74	144.07	43.68	3.33	22.28	-16.78	-7.43	5.19	24.33	-5.62	-1.91	0.32	-5.44	3.08

RUN	POINT	Harmonics															
45	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.34	21.10	-59.75	6.10	135.20	70.26	-26.71	-92.98	0.55	14.03	-23.91	-12.71	10.53	5.81	-21.86	-9.27
MRBLD1FB180_SIN		0.00	-251.83	128.67	91.08	7.92	-7.07	23.83	-7.72	-21.28	-8.53	58.86	-13.35	-6.73	-9.12	7.21	-6.46
MRBLD1TOR51_COS		-1437.93	91.38	127.30	19.90	-21.60	-25.72	6.59	-29.02	4.46	1.94	-12.42	0.22	5.87	2.15	-3.76	4.32
MRBLD1TOR51_SIN		0.00	-117.87	130.24	51.91	-12.19	-2.80	-1.68	2.31	6.74	-0.97	2.02	-6.61	0.73	-0.72	-3.93	-6.28
MRBLD1TOR71_COS		-270.54	106.71	111.69	0.28	-9.18	-14.98	13.77	-16.24	5.00	0.28	-14.52	-0.69	5.40	3.69	-2.96	1.22
MRBLD1TOR71_SIN		0.00	-114.79	116.50	37.80	-18.86	-2.35	2.28	12.19	11.80	1.91	6.03	-6.97	-0.67	0.10	-3.80	-3.85
MRBLD1TOR130_COS		-25.36	97.23	136.52	-20.71	7.02	-9.01	10.06	-16.85	2.02	-0.50	3.09	-4.08	-0.62	0.24	-3.00	-4.58
MRBLD1TOR130_SIN		0.00	-103.43	110.71	36.44	-12.91	1.23	5.16	5.56	6.74	0.98	3.93	8.44	2.83	2.29	-0.81	3.16
MRBLD1TOR164_COS		-226.04	58.60	146.09	-27.52	-15.02	-15.05	-2.11	-5.03	5.29	4.37	0.16	-1.42	-0.12	2.11	-4.07	-5.38
MRBLD1TOR164_SIN		0.00	-50.92	67.83	5.64	-20.35	-0.43	5.50	7.90	2.10	-0.49	5.45	5.46	2.64	1.29	-2.53	0.33
MRFBM1CB26P5_COS		-4873.70	-601.15	-28.20	63.76	7.91	-3.19	1.82	-8.56	-1.13	-2.14	9.93	0.88	-0.86	0.41	-2.10	-1.05
MRFBM1CB26P5_SIN		0.00	-123.73	19.80	-22.38	-21.00	-14.66	-9.97	-11.32	-4.84	-4.22	-6.37	3.62	0.81	0.10	0.34	-1.30
MRFBM1FB9_COS		271.04	-10.63	140.33	-105.07	27.42	13.45	8.16	9.46	0.88	-1.10	-4.76	1.21	0.76	0.38	0.95	-0.67
MRFBM1FB9_SIN		0.00	-11.17	11.53	-43.61	-1.80	-1.76	5.89	12.81	4.38	1.83	0.72	-2.00	-0.88	-0.08	1.00	0.72
MRFBM1TOR26P5_COS		-357.71	78.96	0.58	-0.06	-0.35	-0.10	0.15	-0.06	0.16	0.09	-0.19	0.17	0.10	-0.05	0.16	0.17
MRFBM1TOR26P5_SIN		0.00	-98.60	1.15	0.39	-0.10	-0.27	0.25	-0.02	0.18	0.13	0.09	-0.21	0.00	0.02	0.06	-0.01

RUN	POINT	Harmonics															
45	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-802.89	-1339.17	-47.73	237.22	-40.80	-51.49	-44.45	-88.33	5.47	11.10	46.39	-9.62	-7.86	-3.56	-24.27	4.32
MRPC1CB33P25_SIN		0.00	-86.19	21.28	-24.98	30.58	-28.66	-7.52	-64.47	-28.51	-4.37	-54.19	42.63	12.93	5.79	-1.19	-7.40
MRPC1FB33P25_COS		2247.97	148.28	-318.15	403.31	-171.45	-82.33	-111.05	-208.04	-70.60	-13.19	111.34	6.37	1.20	1.70	-58.82	8.48
MRPC1FB33P25_SIN		0.00	188.99	-57.53	58.40	4.53	47.53	-23.06	-164.58	-79.71	-81.42	-62.83	62.29	25.46	11.59	-14.31	-31.80
MRPC1TOR25P5_COS		-784.56	-74.43	-173.90	-6.06	12.96	16.21	-17.61	20.75	-5.92	0.68	22.13	-5.75	-9.22	-1.14	-9.30	-10.47
MRPC1TOR25P5_SIN		0.00	178.84	-179.45	-34.05	23.42	6.90	1.55	-12.14	-13.87	0.04	-6.18	17.05	0.27	3.89	-1.52	3.53
MRPLK1LOAD_COS		-84.19	-2.46	-20.44	-0.42	2.60	2.68	-1.84	3.84	-0.58	-0.09	3.05	-1.52	-1.36	-0.02	-1.68	-2.26
MRPLK1LOAD_SIN		0.00	-4.57	-20.13	-5.85	2.15	0.99	-0.16	-1.00	-1.65	-0.49	-0.58	2.24	-0.19	0.59	-1.19	0.66
PITCHRH_COS		7783.88	-9083.44	-340.40	-64.83	-27.90	-600.89	36.68	-99.64	-3.18	10.11	-8.90	-74.33	-2.70	-17.82	15.28	-405.96
PITCHRH_SIN		0.00	2379.16	-656.60	51.07	-3.09	83.76	121.86	40.03	-3.05	-65.77	-237.23	-17.71	-10.65	-21.26	18.49	158.01
ROLLRH_COS		1433.78	-2033.19	708.44	39.11	-338.88	-632.79	-97.69	-60.53	59.98	88.80	321.27	-29.85	-53.56	-65.97	32.11	-450.67
ROLLRH_SIN		0.00	-8689.57	-547.95	-15.89	43.56	73.36	-349.02	-16.11	14.29	39.01	-8.17	-46.93	-1.60	-2.66	-19.04	-427.99
TORQ_COS		31282.67	330.68	-11.15	20.34	-83.00	78.17	-3.03	-3.12	-17.81	-2.55	-12.58	-3.16	6.16	-3.14	-3.70	25.81
TORQ_SIN		0.00	669.39	-25.06	27.14	-35.72	120.08	4.82	31.70	-3.41	-5.57	18.14	6.17	-3.69	7.78	-10.02	-14.26
THRUST_COS		5771.62	-34.75	19.86	13.73	21.56	39.34	5.69	5.59	-0.38	-7.16	-34.75	-0.28	2.91	0.72	-1.52	0.50
THRUST_SIN		0.00	-63.67	17.16	-1.25	26.25	-32.44	4.96	11.71	0.24	2.29	36.49	1.67	3.84	0.73	-0.89	25.74

RUN	POINT	Harmonics															
45	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.28	36.96	-20.14	-3.53	7.76	45.16	10.93	1.34	-0.38	-4.81	-13.20	1.55	1.85	1.95	-1.18	12.59
SIDERH_SIN		0.00	188.57	11.69	4.46	-53.91	-58.48	14.86	-1.58	-0.08	-0.71	-1.74	1.97	0.35	0.15	0.14	12.25
DRAGRH_COS		-120.58	243.66	10.35	-4.64	-8.83	17.51	-9.15	-4.72	0.88	-1.49	5.90	3.10	-0.87	1.73	-0.94	17.59
DRAGRH_SIN		0.00	-63.48	21.78	1.30	9.31	48.52	-36.29	0.40	0.80	2.30	13.10	-3.08	0.42	1.99	-0.90	-6.95

RUN	POINT	Harmonics															
45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.49	0.00	0.00	0.00	0.00	0.02	-0.01	0.00	0.04	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.04	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_COS		2.64	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.97	0.57	-3.06	-3.19	-2.81	-0.85	1.75	0.74	-0.26	-0.12	0.84	0.25	0.23	0.25	-0.02	0.09
ACT1FORCE_SIN		0.00	14.29	-6.25	1.08	0.60	-1.05	-1.11	-0.18	0.43	-0.21	0.45	-0.04	0.06	0.07	0.17	-0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.08	-15.80	-266.93	23.60	19.34	6.19	-14.07	-0.05	-0.03	0.00	0.08	0.00	0.00	0.00	-0.02	0.03
FA1IBVOLTAGE_SIN		0.00	-88.16	104.68	-11.23	-6.18	7.45	12.12	-0.10	0.02	0.01	0.16	-0.02	0.02	0.09	0.06	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.40	15.77	267.46	-23.40	-19.63	-6.23	14.09	0.03	-0.09	0.03	-0.08	0.00	-0.01	-0.02	0.02	-0.02
FA1OBVOLTAGE_SIN		0.00	88.36	-105.19	11.24	5.68	-7.35	-12.12	0.12	-0.08	-0.01	-0.15	0.02	0.01	-0.09	-0.06	0.01
MRBLD1CB42P75_COS		-4258.88	-1682.53	48.79	217.39	-41.87	-77.25	-64.31	-109.19	29.19	43.58	69.76	-13.48	-9.90	-7.07	-34.01	1.44
MRBLD1CB42P75_SIN		0.00	-197.37	-33.90	50.51	89.17	-44.74	13.54	-44.27	-15.29	22.13	-52.51	54.27	21.87	13.57	9.17	-7.68

RUN	POINT	Harmonics															
45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2886.04	-1036.60	296.16	140.30	-9.49	-76.00	-66.66	-81.38	24.06	48.27	47.42	-8.72	-3.72	0.00	-25.50	7.27
MRBLD1CB70_SIN		0.00	-129.39	-40.95	77.12	219.41	-46.60	32.28	-5.85	-6.18	21.56	-37.60	31.60	9.47	5.56	0.64	-9.50
MRBLD1CB120_COS		-411.41	-428.23	432.18	135.37	-10.81	-28.19	-33.62	-28.63	-31.47	-24.11	-17.61	13.27	9.19	6.94	0.05	3.10
MRBLD1CB120_SIN		0.00	18.40	-114.97	-6.82	194.89	-23.01	31.76	16.03	-7.66	-25.67	36.40	-16.04	-2.02	0.17	-6.76	-6.42
MRBLD1CB164_COS		-1940.08	-128.90	113.21	31.67	-43.55	-4.89	17.02	23.74	-33.66	-35.51	-23.34	13.17	8.08	3.91	16.41	-7.99
MRBLD1CB164_SIN		0.00	52.27	-50.49	-3.62	76.31	-3.78	4.05	12.34	-17.48	-41.81	32.41	-7.03	5.46	0.07	3.17	6.71
MRBLD1FB42P75_COS		3134.46	283.54	-351.55	450.28	-218.78	-48.33	-129.30	-288.06	-107.30	-69.22	60.52	52.42	34.80	22.80	-33.12	-28.19
MRBLD1FB42P75_SIN		0.00	30.60	-17.58	51.09	-28.35	85.59	34.07	-22.08	-46.87	-51.27	-79.17	35.23	21.68	16.78	57.99	-24.36
MRBLD1FB70_COS		400.84	-2.79	-168.54	123.17	-74.25	-13.44	-17.51	-38.99	-0.94	1.90	2.10	0.38	-2.85	-4.33	8.10	6.82
MRBLD1FB70_SIN		0.00	-193.01	11.11	4.44	-18.11	7.51	10.73	2.57	0.84	4.53	1.28	3.26	2.41	-1.53	-12.66	5.22
MRBLD1FB87_COS		-90.74	21.38	-150.72	32.64	-55.11	-21.18	-1.33	26.77	17.18	14.70	-10.17	-9.04	-4.44	-5.12	3.13	2.68
MRBLD1FB87_SIN		0.00	-184.43	35.53	34.13	-0.96	4.42	-2.67	1.19	2.82	6.81	20.09	-9.14	-3.53	-0.31	-10.74	3.59
MRBLD1FB120_COS		-479.66	27.01	-252.97	7.66	-4.98	-2.88	25.54	54.87	1.93	-5.39	-3.49	1.05	3.07	6.19	-7.39	-5.44
MRBLD1FB120_SIN		0.00	-218.15	76.22	89.67	44.37	-5.08	-20.63	-6.76	-0.09	-4.78	-10.28	1.14	-1.52	-1.34	14.85	-5.82
MRBLD1FB164_COS		-213.86	38.15	-202.29	58.00	187.62	74.35	-8.92	-80.97	-8.96	7.05	0.21	-0.45	-0.08	0.24	9.73	5.49
MRBLD1FB164_SIN		0.00	-304.70	70.74	160.10	80.60	-11.67	15.62	-3.96	-3.41	8.61	18.46	-6.10	-3.79	0.36	-6.48	3.47

RUN	POINT	Harmonics															
45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-219.86	1.26	-45.75	23.71	136.79	68.30	-26.67	-88.30	6.16	20.23	-30.70	-17.79	6.23	10.27	-18.02	-14.37
MRBLD1FB180_SIN		0.00	-227.22	42.32	93.40	35.67	-14.70	20.41	6.70	-12.82	-7.15	38.61	-10.48	-7.83	-8.02	15.73	-7.07
MRBLD1TOR51_COS		-1442.80	64.38	171.63	45.32	-29.87	-22.29	-1.49	-35.73	1.54	2.27	-2.07	0.29	4.39	3.60	-4.67	3.10
MRBLD1TOR51_SIN		0.00	-130.40	34.23	87.79	-13.21	-12.62	3.56	15.46	5.73	-5.86	-2.95	-4.60	0.72	0.62	-0.89	-8.44
MRBLD1TOR71_COS		-274.32	83.35	152.22	25.98	-16.64	-12.16	6.16	-21.62	2.03	0.32	-6.13	-0.43	4.41	4.61	-3.49	0.51
MRBLD1TOR71_SIN		0.00	-124.23	27.39	68.23	-17.02	-11.00	6.59	22.49	11.03	-2.43	0.50	-5.09	-1.35	0.68	-1.16	-5.23
MRBLD1TOR130_COS		-28.02	71.73	175.06	10.17	0.96	-8.96	4.15	-20.06	0.52	-1.48	4.08	-1.43	0.07	-0.74	-2.67	-3.96
MRBLD1TOR130_SIN		0.00	-113.06	20.27	59.76	-4.62	-6.58	7.31	14.51	6.29	-0.68	4.00	8.62	3.50	2.02	-0.82	4.13
MRBLD1TOR164_COS		-225.72	41.31	169.80	-5.75	-16.43	-14.29	-6.20	-7.24	6.16	4.44	-2.73	-0.95	0.55	1.61	-3.41	-4.35
MRBLD1TOR164_SIN		0.00	-61.27	9.62	15.52	-19.17	-1.12	8.22	11.43	2.98	0.71	3.72	5.29	2.49	1.26	-1.92	1.91
MRFBM1CB26P5_COS		-4823.09	-716.25	-15.50	67.30	1.39	-4.50	0.06	-9.34	-1.53	-2.77	3.81	0.67	0.03	-0.37	-3.28	-1.15
MRFBM1CB26P5_SIN		0.00	-161.01	5.09	-12.20	-20.96	-8.75	-7.22	-10.95	-5.06	-3.87	-2.00	2.42	2.15	1.83	0.65	-1.97
MRFBM1FB9_COS		226.97	93.95	126.56	-90.18	26.44	12.26	8.10	10.72	0.16	-1.04	-4.50	0.93	0.76	0.65	1.62	-0.73
MRFBM1FB9_SIN		0.00	-42.58	29.34	-62.71	6.72	-1.50	4.30	11.30	4.15	1.40	-0.47	-2.15	-1.47	-0.57	0.74	0.88
MRFBM1TOR26P5_COS		-357.57	79.68	0.91	0.17	-0.41	-0.10	0.11	-0.07	0.11	0.12	0.04	0.08	0.03	-0.01	0.20	0.12
MRFBM1TOR26P5_SIN		0.00	-96.92	0.59	0.63	-0.04	-0.38	0.28	0.02	0.21	0.01	0.00	-0.17	0.02	0.02	0.05	-0.04

RUN	POINT	Harmonics															
45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-740.97	-1532.22	-18.91	228.93	-50.71	-52.90	-47.39	-95.68	7.50	17.78	51.39	-4.33	-2.31	-3.35	-30.48	1.11
MRPC1CB33P25_SIN		0.00	-129.12	-25.67	12.92	16.27	-21.55	2.57	-49.48	-25.84	-2.99	-34.42	40.89	18.99	14.21	6.46	-10.04
MRPC1FB33P25_COS		2202.90	205.39	-311.69	359.85	-176.68	-67.02	-115.01	-213.34	-54.63	-20.44	88.94	13.52	8.25	-0.02	-74.39	3.99
MRPC1FB33P25_SIN		0.00	192.40	-75.69	124.09	-61.56	54.59	-20.29	-136.22	-86.46	-71.13	-22.79	57.98	39.62	29.64	4.95	-38.16
MRPC1TOR25P5_COS		-781.14	-41.50	-222.36	-36.02	23.38	12.60	-8.47	27.18	-1.52	0.32	8.57	-2.60	-5.04	-4.14	-10.12	-8.46
MRPC1TOR25P5_SIN		0.00	191.77	-74.32	-72.35	22.80	17.08	-3.16	-25.18	-13.48	6.12	2.37	14.27	1.02	3.90	-1.96	6.53
MRPLK1LOAD_COS		-83.29	0.76	-26.43	-4.29	3.97	2.23	-0.78	4.65	0.03	-0.22	0.76	-0.82	-0.63	-0.60	-1.74	-1.82
MRPLK1LOAD_SIN		0.00	-2.70	-7.00	-10.86	2.15	2.40	-0.75	-2.84	-1.55	0.49	0.56	1.72	-0.25	0.40	-1.19	1.23
PITCHRH_COS		6044.00	-9092.98	-317.05	-74.34	-85.71	-848.04	-110.04	-47.13	74.37	44.07	-10.43	-60.39	4.73	10.15	10.68	-456.15
PITCHRH_SIN		0.00	2389.69	-697.30	33.92	-10.27	-17.75	168.51	40.30	2.08	-23.57	-202.51	-31.29	21.60	63.20	-1.44	104.33
ROLLRH_COS		2077.27	-2031.99	770.66	-2.58	-383.60	-212.83	-89.35	-20.66	56.31	92.04	334.16	3.59	-35.54	26.34	0.65	-386.58
ROLLRH_SIN		0.00	-8684.93	-475.69	4.46	-40.60	-44.13	-314.26	19.73	43.98	57.48	-106.51	-43.39	20.96	-36.72	-48.37	-486.23
TORQ_COS		32221.80	319.78	-16.88	20.26	-71.02	102.19	-1.84	-0.50	-8.89	-4.91	8.38	-0.95	5.41	-2.68	-3.36	26.11
TORQ_SIN		0.00	627.38	-33.77	17.21	-68.50	106.41	-5.49	24.61	-9.18	-3.41	-0.51	6.69	-8.59	5.54	-10.14	-14.20
THRUST_COS		5631.41	-32.69	22.67	13.60	17.24	32.71	5.12	4.02	-5.09	-8.59	-23.40	1.80	2.40	-1.01	4.83	-4.40
THRUST_SIN		0.00	-60.38	13.62	-0.88	30.64	-39.32	7.33	7.53	1.20	2.56	19.45	0.93	0.57	-0.56	-2.50	28.64

RUN	POINT	Harmonics															
45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.16	37.05	-21.57	-4.29	25.06	21.23	7.10	-0.19	-0.60	-5.41	-14.40	0.17	1.24	-1.07	-0.28	11.09
SIDERH_SIN		0.00	191.79	11.33	4.91	-56.29	-31.56	22.08	-2.02	-1.36	-2.29	3.38	1.95	-0.57	1.30	1.25	13.78
DRAGRH_COS		-132.46	244.72	12.92	-3.86	-9.47	10.36	9.61	-3.82	-2.04	-2.77	7.98	2.88	-2.53	-1.20	-0.57	20.61
DRAGRH_SIN		0.00	-62.05	20.66	-0.08	4.10	3.57	-34.24	-0.63	2.77	-2.92	14.04	-1.61	-1.46	-2.78	-0.62	-5.52

RUN	POINT	Harmonics															
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.26	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.02	0.02	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.17	1.33	-6.49	-3.77	-1.96	-1.24	-0.59	0.71	0.11	-0.14	0.19	-0.16	0.30	-0.01	0.08	-0.16
ACT1FORCE_SIN		0.00	14.58	-3.70	0.90	0.48	-0.31	-2.12	0.17	0.41	0.03	-0.66	0.38	0.17	0.03	0.10	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.76	-15.86	-170.81	26.96	12.62	7.70	7.08	0.12	0.03	0.05	0.12	-0.08	0.00	-0.04	-0.10	0.02
FA1IBVOLTAGE_SIN		0.00	-84.01	223.30	-10.77	-0.94	4.26	17.42	-0.06	0.07	-0.02	-0.06	0.02	0.01	0.02	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.72	15.87	170.78	-26.83	-13.25	-7.65	-7.17	-0.12	-0.06	-0.04	-0.10	0.08	0.02	0.01	0.10	-0.01
FA1OBVOLTAGE_SIN		0.00	84.24	-224.19	10.72	0.92	-4.13	-17.39	0.08	0.04	0.00	0.06	-0.02	-0.04	-0.02	-0.02	0.00
MRBLD1CB42P75_COS		-4290.33	-1607.02	49.72	165.01	-41.36	-82.80	-66.56	-129.10	43.76	38.57	44.51	-17.77	-11.91	-2.84	-24.38	-4.88
MRBLD1CB42P75_SIN		0.00	8.15	-60.65	53.35	68.35	-38.73	26.11	-79.53	-21.34	24.21	-72.95	35.47	12.85	3.78	3.42	-5.89

RUN	POINT	Harmonics															
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2864.53	-991.81	312.76	84.26	-29.61	-90.59	-79.91	-97.29	30.73	45.30	25.97	-13.48	-4.56	2.43	-15.03	1.77
MRBLD1CB70_SIN		0.00	8.43	-62.32	68.11	208.71	-6.50	35.74	-29.55	-11.06	22.34	-33.26	20.09	4.92	1.77	-2.62	-4.55
MRBLD1CB120_COS		-424.79	-408.35	457.92	90.03	-32.08	-37.18	-44.54	-35.22	-38.66	-24.16	-11.12	14.30	8.44	4.61	2.18	2.69
MRBLD1CB120_SIN		0.00	89.63	-142.88	-14.00	184.17	29.96	30.06	3.63	-11.31	-27.05	37.10	-9.44	1.37	2.96	-4.98	-6.37
MRBLD1CB164_COS		-1946.80	-122.69	123.19	5.39	-53.95	-13.16	10.42	28.36	-41.80	-34.66	-9.34	15.80	6.22	1.67	8.04	-4.90
MRBLD1CB164_SIN		0.00	72.57	-42.37	-10.61	72.19	27.04	-0.29	18.81	-20.38	-44.41	18.52	-1.66	6.57	0.56	3.74	4.73
MRBLD1FB42P75_COS		3142.27	253.45	-383.25	318.77	-205.19	-37.77	-90.69	-353.19	-106.17	-79.15	2.54	39.88	26.43	17.23	-25.39	-31.63
MRBLD1FB42P75_SIN		0.00	-15.01	-42.23	103.30	-77.49	64.45	61.20	-79.60	-67.93	-50.87	-129.30	18.38	12.64	-1.08	32.53	-16.11
MRBLD1FB70_COS		401.39	-4.79	-181.39	75.14	-70.83	-11.11	-10.12	-50.66	-0.59	1.76	0.70	1.01	-1.87	-3.63	7.06	8.25
MRBLD1FB70_SIN		0.00	-192.61	4.32	20.29	-33.94	2.24	15.59	-6.76	-1.68	4.94	1.90	3.80	3.85	1.62	-7.12	4.09
MRBLD1FB87_COS		-89.69	21.89	-158.03	4.08	-54.41	-21.07	-3.27	32.65	16.61	16.65	2.81	-5.96	-2.17	-3.35	0.89	2.29
MRBLD1FB87_SIN		0.00	-186.22	35.29	42.86	-7.06	2.56	-4.22	6.78	6.02	6.41	29.84	-5.41	-1.43	4.07	-5.28	1.47
MRBLD1FB120_COS		-477.98	27.58	-262.53	-31.65	-8.84	-4.99	18.97	72.00	1.23	-4.49	-4.86	-0.86	3.33	4.94	-5.02	-4.06
MRBLD1FB120_SIN		0.00	-226.66	91.77	98.53	46.45	1.27	-26.57	7.80	1.51	-6.69	-12.73	-0.87	-4.03	-7.05	6.41	-2.87
MRBLD1FB164_COS		-204.98	17.30	-237.00	43.71	176.72	79.13	3.03	-106.76	-5.69	6.37	4.20	0.95	-0.19	-0.84	6.50	4.36
MRBLD1FB164_SIN		0.00	-310.15	-10.36	177.43	94.53	-15.58	21.31	-24.53	-8.92	7.69	23.07	-4.17	-3.42	3.35	-2.52	0.36

RUN	POINT	Harmonics															
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.99	-22.33	-83.52	29.51	132.63	70.20	-12.71	-106.49	11.16	24.38	-5.48	-12.58	7.30	11.59	-11.56	-11.40
MRBLD1FB180_SIN		0.00	-223.33	-33.90	97.11	49.61	-12.71	25.79	-11.58	-10.58	-8.99	51.53	-6.21	-5.33	-10.89	5.20	-3.38
MRBLD1TOR51_COS		-1441.87	40.85	160.46	68.85	-27.53	-21.09	-1.05	-42.76	5.29	3.71	-5.63	-0.09	2.71	3.03	-1.47	0.92
MRBLD1TOR51_SIN		0.00	-124.54	-68.94	91.96	-6.43	-10.86	6.93	4.49	2.20	-2.68	-1.57	-2.89	0.39	0.03	0.07	-5.50
MRBLD1TOR71_COS		-273.67	59.70	141.17	53.37	-15.09	-11.17	6.40	-26.48	4.65	2.00	-8.00	-0.84	2.98	4.18	-0.76	-0.22
MRBLD1TOR71_SIN		0.00	-121.32	-68.47	71.43	-9.28	-9.78	8.45	16.40	8.71	0.60	4.22	-2.62	-1.26	0.61	-0.49	-3.02
MRBLD1TOR130_COS		-27.10	47.11	162.42	42.79	1.75	-8.21	4.73	-24.95	2.19	-0.73	3.10	-1.44	-0.10	-0.64	-2.31	-2.30
MRBLD1TOR130_SIN		0.00	-109.13	-75.26	61.54	3.69	-5.64	9.70	8.88	4.06	-0.10	0.73	8.27	3.52	2.00	-2.07	3.31
MRBLD1TOR164_COS		-226.22	24.08	164.22	21.29	-14.20	-13.99	-4.80	-9.30	5.38	5.93	-0.53	-0.31	1.89	3.47	-2.01	-1.92
MRBLD1TOR164_SIN		0.00	-56.70	-53.71	14.03	-15.68	-2.26	9.66	12.04	2.96	0.06	6.52	4.23	2.84	1.43	-3.21	0.40
MRFBM1CB26P5_COS		-4841.75	-686.54	-19.06	68.36	7.71	-1.76	2.31	-10.83	0.82	-3.70	3.97	0.96	0.03	0.06	-2.67	-1.33
MRFBM1CB26P5_SIN		0.00	-68.11	-7.87	-6.68	-27.29	-17.05	-5.27	-15.36	-5.53	-4.10	-10.04	1.20	1.02	0.49	0.24	-2.78
MRFBM1FB9_COS		237.93	49.03	140.28	-53.46	23.38	10.57	7.66	10.98	-0.39	-0.72	-4.53	0.56	0.53	0.17	1.05	-0.70
MRFBM1FB9_SIN		0.00	-89.84	49.08	-62.73	12.53	-1.29	2.31	16.18	4.89	1.83	1.90	-1.26	-0.97	-0.35	0.59	0.47
MRFBM1TOR26P5_COS		-357.69	79.05	0.84	0.37	-0.42	-0.09	0.08	-0.19	0.14	0.10	-0.04	0.07	0.00	-0.04	0.14	0.06
MRFBM1TOR26P5_SIN		0.00	-97.80	-0.18	0.59	0.15	-0.36	0.24	-0.03	0.16	0.09	0.05	-0.14	0.01	0.01	0.11	-0.01

RUN	POINT	Harmonics															
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-765.55	-1457.59	-26.32	192.39	-39.29	-53.35	-42.16	-113.66	19.47	13.52	34.21	-6.11	-4.57	-0.22	-21.14	-4.20
MRPC1CB33P25_SIN		0.00	51.48	-51.00	22.96	-4.61	-28.53	16.26	-80.75	-32.36	-1.48	-61.52	27.29	11.86	5.40	2.00	-8.98
MRPC1FB33P25_COS		2211.66	184.59	-331.42	240.39	-154.78	-54.44	-93.65	-241.08	-44.62	-27.33	75.90	15.46	10.67	11.16	-46.65	-4.07
MRPC1FB33P25_SIN		0.00	149.07	-93.95	142.66	-98.79	42.41	13.16	-207.18	-102.86	-77.32	-91.61	36.96	26.49	14.24	-4.15	-36.94
MRPC1TOR25P5_COS		-782.63	-19.16	-207.91	-67.87	22.22	11.49	-9.74	34.12	-5.27	-0.86	11.64	-3.37	-2.78	-2.08	-8.94	-4.57
MRPC1TOR25P5_SIN		0.00	183.80	34.48	-77.62	14.11	15.98	-5.64	-16.86	-10.55	1.70	-2.31	9.97	0.25	3.08	-5.28	3.48
MRPLK1LOAD_COS		-83.62	4.14	-24.83	-8.03	3.72	2.06	-0.83	5.82	-0.46	-0.31	1.47	-0.81	-0.32	-0.26	-1.39	-0.92
MRPLK1LOAD_SIN		0.00	-3.31	7.08	-11.79	1.02	2.28	-1.07	-1.42	-1.02	-0.11	-0.01	1.34	-0.25	0.43	-1.73	0.71
PITCHRH_COS		6742.35	-9108.10	-308.02	-73.62	-79.32	-749.07	-56.14	-62.08	31.42	10.28	-50.29	-48.27	-4.43	-15.33	9.91	-428.83
PITCHRH_SIN		0.00	2359.37	-766.43	57.56	-1.59	-102.00	87.31	62.71	-11.41	-50.96	-292.35	-52.37	-7.01	24.03	-17.91	22.43
ROLLRH_COS		3183.54	-2035.52	806.07	-48.04	-396.33	-33.28	-101.31	-59.53	73.02	69.37	304.46	8.80	-37.77	-16.39	3.14	-279.83
ROLLRH_SIN		0.00	-8694.01	-482.92	-62.82	5.10	-81.44	-292.62	-1.09	38.17	39.75	-140.39	-45.11	3.06	-35.81	11.93	-419.72
TORQ_COS		31875.01	331.26	-19.98	17.07	-66.52	109.31	-6.72	5.45	-22.61	-1.67	7.89	-0.98	4.83	-1.77	-4.65	28.57
TORQ_SIN		0.00	659.02	-22.22	6.60	-68.89	117.61	3.52	32.91	-8.10	-4.38	23.20	8.00	-7.80	7.78	-12.85	-2.81
THRUST_COS		5661.40	-32.91	26.61	9.31	16.83	26.93	3.22	12.58	-2.93	-7.08	-13.32	0.83	3.53	1.07	0.38	-2.55
THRUST_SIN		0.00	-66.39	6.29	5.75	32.06	-33.17	3.95	12.73	0.02	2.19	51.84	2.59	1.23	0.68	-6.45	28.57

RUN	POINT	Harmonics															
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.89	35.74	-20.58	-1.96	23.13	14.69	9.59	1.10	-1.03	-3.79	-13.44	-0.38	1.29	0.40	0.00	8.22
SIDERH_SIN		0.00	189.77	14.63	2.61	-60.55	-30.42	9.95	-0.62	-0.18	-0.75	3.89	2.18	-0.01	1.34	-0.42	12.03
DRAGRH_COS		-127.52	244.54	14.20	-2.04	-13.02	12.51	-10.93	-3.54	-0.92	0.12	9.07	3.46	-1.30	1.28	-0.79	18.88
DRAGRH_SIN		0.00	-63.17	21.72	-0.46	5.84	23.74	-30.46	-2.32	1.82	0.67	17.06	-0.11	1.38	-2.07	-0.29	-1.88

RUN	POINT	Harmonics															
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.04	-0.01	0.02	0.03	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.01	0.03	0.01	-0.02	0.01	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.64	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.03	1.99	-8.24	-4.75	-2.47	-0.73	0.63	1.21	-0.14	0.17	0.81	0.47	0.09	0.28	0.05	-0.24
ACT1FORCE_SIN		0.00	13.75	5.33	1.17	-0.04	0.29	0.87	0.12	0.55	0.12	-0.60	0.32	0.31	0.08	0.26	0.19
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.45	-15.76	119.29	31.15	17.00	7.00	-3.99	0.15	-0.02	0.03	0.17	0.05	0.00	-0.01	-0.08	-0.07
FA1IBVOLTAGE_SIN		0.00	-79.43	249.38	-8.49	-0.35	-0.06	-5.73	-0.14	0.11	0.02	0.03	0.04	0.00	0.02	0.04	-0.05
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.02	15.85	-120.10	-31.26	-16.79	-6.92	4.10	-0.12	-0.04	-0.03	-0.15	-0.05	0.01	0.01	0.07	0.07
FA1OBVOLTAGE_SIN		0.00	79.66	-249.75	8.39	0.88	0.01	5.68	0.13	-0.13	-0.03	-0.01	-0.03	-0.01	-0.02	-0.04	0.04
MRBLD1CB42P75_COS		-4320.24	-1433.43	78.39	160.49	-74.61	-96.51	-43.47	-186.74	55.33	35.26	55.13	-12.26	-5.30	-8.16	-34.50	-1.06
MRBLD1CB42P75_SIN		0.00	266.98	-92.42	96.86	104.47	-32.68	27.94	-58.16	-31.75	-5.62	-67.85	40.60	7.72	-0.34	-12.45	-12.93

RUN	POINT	Harmonics															
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2853.56	-887.34	343.85	58.14	-84.12	-84.42	-70.82	-133.92	39.30	34.12	31.48	-3.77	0.32	-2.39	-23.63	0.41
MRBLD1CB70_SIN		0.00	189.38	-89.43	105.58	249.08	-18.42	61.27	-10.47	-17.26	-5.16	-49.89	23.87	3.90	-2.75	-10.91	-7.40
MRBLD1CB120_COS		-427.93	-370.64	474.37	71.58	-78.06	-16.98	-52.97	-54.38	-32.30	-8.17	-6.67	13.41	3.73	6.08	2.82	3.05
MRBLD1CB120_SIN		0.00	185.81	-180.97	23.35	236.33	-5.49	61.13	16.19	-7.68	-5.05	45.25	-10.56	2.78	3.38	-4.64	-5.00
MRBLD1CB164_COS		-1949.26	-112.26	144.34	-11.14	-69.27	0.53	-2.03	41.67	-39.08	-15.93	-9.26	11.52	3.83	2.10	12.35	-4.85
MRBLD1CB164_SIN		0.00	98.18	-31.55	6.64	94.03	13.28	15.01	17.25	-10.13	-13.91	41.72	-5.99	5.28	3.11	9.79	7.36
MRBLD1FB42P75_COS		3146.00	200.32	-408.20	322.00	-174.64	-75.22	-54.32	-456.86	-82.48	-18.83	68.46	39.90	17.86	4.06	-68.62	-37.00
MRBLD1FB42P75_SIN		0.00	-78.39	-70.20	207.97	23.17	66.32	31.66	13.26	-100.08	-78.11	-91.29	30.81	7.11	4.42	38.19	-25.64
MRBLD1FB70_COS		396.09	1.32	-190.37	70.17	-63.73	-19.21	-2.68	-69.08	0.46	2.72	-0.86	-1.10	-2.66	-1.44	15.80	8.74
MRBLD1FB70_SIN		0.00	-194.40	-1.03	57.08	-4.57	2.53	10.27	12.02	-4.53	3.16	1.93	2.68	2.98	-0.06	-7.42	6.80
MRBLD1FB87_COS		-94.40	29.51	-162.66	-4.05	-53.11	-22.28	-5.07	42.67	13.38	7.95	-9.51	-6.06	-0.98	-0.45	10.71	4.31
MRBLD1FB87_SIN		0.00	-191.37	39.32	65.60	3.23	0.03	-4.26	-0.99	10.02	10.55	21.62	-7.60	0.46	1.78	-7.76	2.86
MRBLD1FB120_COS		-477.22	36.80	-253.70	-58.64	-17.25	1.85	7.42	98.27	-1.72	-7.88	-4.23	-0.83	2.70	0.15	-19.42	-5.36
MRBLD1FB120_SIN		0.00	-239.74	112.28	126.64	30.37	3.87	-19.48	-17.84	6.43	-5.13	-10.46	0.25	-6.06	-4.58	10.30	-6.15
MRBLD1FB164_COS		-207.34	16.19	-348.85	50.60	138.54	74.04	10.53	-143.79	-0.42	10.44	-1.37	-0.21	0.29	0.82	12.28	4.27
MRBLD1FB164_SIN		0.00	-298.19	-84.40	185.84	52.42	-32.26	11.56	14.94	-13.11	5.73	20.56	-5.02	-0.30	5.30	-2.23	1.79

RUN	POINT	Harmonics															
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-215.73	-41.16	-212.08	45.51	111.80	48.39	-10.59	-132.36	21.89	15.23	-29.14	-10.10	9.59	6.06	-27.30	-10.47
MRBLD1FB180_SIN		0.00	-195.89	-106.12	83.42	36.97	-13.93	9.49	24.28	-6.55	-3.53	36.06	-8.21	-1.81	-7.85	8.34	-5.73
MRBLD1TOR51_COS		-1433.90	16.46	15.59	120.94	-18.14	-26.97	6.36	-56.81	12.35	6.20	-4.02	2.55	2.08	1.93	-4.63	-0.96
MRBLD1TOR51_SIN		0.00	-79.15	-190.48	62.72	18.38	-1.04	0.17	14.73	6.85	-6.39	-6.65	-3.52	2.24	-0.65	-1.53	-2.28
MRBLD1TOR71_COS		-267.47	34.61	3.89	103.28	-4.69	-15.61	11.46	-34.01	8.83	2.34	-7.80	1.76	2.31	3.18	-2.69	-0.95
MRBLD1TOR71_SIN		0.00	-82.41	-181.35	40.07	9.88	0.31	2.70	24.62	13.64	-2.13	-1.95	-3.76	1.28	0.05	-1.56	-0.85
MRBLD1TOR130_COS		-20.49	20.35	21.14	89.58	11.32	-11.49	9.83	-34.02	5.89	2.64	4.34	-1.37	0.58	0.33	-1.06	-1.12
MRBLD1TOR130_SIN		0.00	-67.57	-185.42	25.83	15.75	2.94	5.90	17.38	6.60	-0.66	3.49	7.42	3.10	1.30	-2.06	1.71
MRBLD1TOR164_COS		-219.97	1.52	67.98	53.23	-7.40	-19.77	-2.07	-11.27	5.25	3.17	-2.68	-1.60	2.24	2.51	-2.96	0.33
MRBLD1TOR164_SIN		0.00	-26.58	-128.36	-14.48	0.63	2.47	7.22	16.76	4.02	-0.83	4.22	4.04	2.11	0.88	-5.02	-3.02
MRFBM1CB26P5_COS		-4865.15	-597.18	-12.40	79.99	11.19	-7.92	6.67	-16.18	2.91	-0.56	5.92	-0.24	-0.16	-0.32	-3.68	0.01
MRFBM1CB26P5_SIN		0.00	58.79	-21.24	-1.33	-29.96	-10.08	-10.88	-14.08	-6.49	-2.37	-1.55	1.96	0.40	0.78	-1.90	-3.34
MRFBM1FB9_COS		246.36	-52.10	141.94	-42.45	26.58	13.02	5.38	18.28	-2.19	-2.49	-4.57	0.62	0.22	0.17	1.12	-0.99
MRFBM1FB9_SIN		0.00	-153.37	67.52	-88.57	0.08	0.78	3.37	16.29	5.07	1.44	-0.09	-1.50	-0.65	0.09	1.82	1.34
MRFBM1TOR26P5_COS		-357.51	78.34	-0.21	0.55	-0.41	-0.10	0.11	-0.24	0.13	0.04	-0.06	0.08	0.00	-0.03	0.17	0.02
MRFBM1TOR26P5_SIN		0.00	-98.29	-1.06	0.27	0.38	-0.32	0.09	0.03	0.23	0.07	-0.09	-0.12	0.01	0.06	0.14	0.04

RUN	POINT	Harmonics															
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-791.62	-1304.34	-11.51	206.78	-50.29	-70.98	-21.13	-165.65	32.28	21.77	46.39	-5.65	-1.66	-4.88	-32.09	-0.69
MRPC1CB33P25_SIN		0.00	267.87	-83.64	56.44	23.32	-19.90	8.58	-62.34	-41.86	-14.85	-42.82	32.20	7.11	2.31	-12.59	-15.13
MRPC1FB33P25_COS		2212.58	142.29	-337.41	220.71	-155.44	-83.02	-54.85	-357.67	-14.16	28.58	101.99	8.06	8.67	-1.63	-76.34	2.80
MRPC1FB33P25_SIN		0.00	87.20	-115.46	230.24	-12.02	32.22	3.76	-175.01	-115.37	-67.75	-28.24	46.66	16.94	6.65	-38.63	-47.49
MRPC1TOR25P5_COS		-792.41	2.14	-48.98	-127.47	8.58	18.03	-16.29	43.98	-12.16	-3.37	11.96	-5.02	-1.83	-2.42	-7.76	0.79
MRPC1TOR25P5_SIN		0.00	131.72	162.28	-42.59	-8.94	3.30	3.01	-26.62	-15.20	4.81	5.74	11.03	-1.69	2.37	-8.11	-3.38
MRPLK1LOAD_COS		-84.91	7.80	-4.49	-15.63	1.98	2.86	-1.70	7.66	-1.52	-0.70	1.41	-1.02	-0.17	-0.24	-1.12	-0.01
MRPLK1LOAD_SIN		0.00	-9.61	23.68	-7.31	-2.35	0.87	-0.07	-2.79	-1.79	0.34	1.24	1.37	-0.48	0.17	-2.04	-0.37
PITCHRH_COS		8673.73	-9130.62	-456.26	-41.42	-43.22	-510.21	-191.23	-22.53	82.81	-23.67	58.90	-63.03	-9.25	-3.05	3.54	-471.03
PITCHRH_SIN		0.00	2387.57	-890.13	124.19	-25.19	102.75	9.80	86.12	-77.14	-68.68	-142.00	-50.05	-5.45	31.95	-11.04	-108.88
ROLLRH_COS		4595.01	-2085.53	860.85	-105.46	-244.90	-496.27	-161.74	-14.54	93.53	72.86	268.30	27.42	-44.62	32.57	23.72	-136.93
ROLLRH_SIN		0.00	-8749.74	-569.03	-40.70	74.38	-59.90	-252.22	-39.09	56.47	0.43	-27.08	-71.42	47.50	-17.57	30.58	-636.41
TORQ_COS		31429.31	303.83	-12.43	4.48	-60.16	116.30	-2.30	9.74	-24.24	2.49	-0.76	1.13	7.27	-5.29	-3.68	21.13
TORQ_SIN		0.00	699.43	-20.85	0.26	-80.16	74.29	3.44	28.17	-12.22	-6.19	0.81	4.04	-8.09	6.73	-15.77	7.78
THRUST_COS		5691.26	-36.12	14.44	3.77	14.53	31.71	5.44	10.55	-2.11	-3.17	-33.84	1.97	5.38	-0.78	2.41	3.32
THRUST_SIN		0.00	-68.53	-7.94	14.53	33.38	-26.30	7.88	13.96	2.16	0.29	17.91	-1.13	-0.37	0.44	-6.78	31.06

RUN	POINT	Harmonics															
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.83	47.67	-19.36	-0.30	4.28	32.12	10.85	-1.48	-2.24	-3.91	-11.16	-1.35	1.38	-1.43	-0.68	4.01
SIDERH_SIN		0.00	191.41	15.93	0.57	-47.91	-57.39	16.07	0.10	-1.63	0.31	1.70	3.33	-1.83	0.78	-1.17	19.01
DRAGRH_COS		-111.26	244.81	20.77	2.27	-5.76	40.69	4.31	-2.46	-2.34	-0.26	6.47	5.03	-2.51	0.49	-0.10	20.43
DRAGRH_SIN		0.00	-63.57	19.09	-2.33	10.14	88.12	-23.58	-0.49	3.47	3.74	9.93	-0.50	1.68	-0.92	-0.48	3.81

RUN	POINT	Harmonics															
45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.27	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.02	0.02	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.35	1.19	-6.39	-3.72	-1.85	-1.29	-0.48	0.87	0.09	-0.12	0.16	-0.24	0.27	-0.02	0.07	-0.16
ACT1FORCE_SIN		0.00	14.63	-3.64	0.61	0.62	-0.34	-2.14	0.31	0.54	0.04	-0.63	0.36	0.19	0.05	0.09	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.77	-15.20	-173.99	26.38	11.88	8.68	6.10	0.08	-0.03	-0.01	0.15	-0.09	-0.04	-0.02	-0.08	0.02
FA1IBVOLTAGE_SIN		0.00	-84.44	222.70	-9.13	-2.83	4.68	18.23	0.00	0.08	-0.04	-0.05	-0.01	0.03	-0.02	0.00	0.03
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.72	15.20	173.97	-26.26	-12.50	-8.65	-6.19	-0.08	-0.01	0.02	-0.14	0.09	0.06	0.00	0.07	-0.01
FA1OBVOLTAGE_SIN		0.00	84.67	-223.56	9.06	2.80	-4.54	-18.21	0.03	0.04	0.01	0.05	0.01	-0.05	0.02	0.00	-0.02
MRBLD1CB42P75_COS		-4300.79	-1589.79	48.02	146.72	-52.50	-83.26	-64.75	-137.11	51.93	44.41	42.94	-16.74	-12.11	-4.41	-17.78	-4.55
MRBLD1CB42P75_SIN		0.00	58.70	-53.24	55.34	70.27	-36.80	28.31	-119.75	-16.36	28.84	-73.04	40.29	13.63	3.83	-0.88	-5.97

RUN	POINT	Harmonics															
45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2857.68	-979.75	313.06	69.50	-51.81	-91.74	-79.31	-105.22	38.46	49.78	18.55	-13.34	-3.55	-1.75	-13.03	-0.06
MRBLD1CB70_SIN		0.00	48.66	-56.96	66.59	211.73	-10.70	43.15	-55.00	-10.01	27.96	-31.84	23.33	6.36	1.77	-5.69	-5.48
MRBLD1CB120_COS		-426.12	-405.69	459.31	76.84	-54.69	-38.29	-50.71	-46.97	-35.27	-28.03	-10.05	13.10	8.73	4.17	1.41	2.37
MRBLD1CB120_SIN		0.00	117.31	-142.83	-13.42	191.55	25.40	40.07	1.18	-16.34	-28.02	40.46	-9.64	1.39	2.40	-5.42	-6.09
MRBLD1CB164_COS		-1945.37	-121.66	124.00	-0.12	-61.23	-12.47	6.35	24.70	-42.74	-38.24	-2.36	15.30	5.51	4.15	7.78	-2.97
MRBLD1CB164_SIN		0.00	80.82	-43.52	-12.28	75.83	22.96	4.26	30.87	-24.27	-47.99	21.50	-2.48	5.70	0.02	5.11	5.32
MRBLD1FB42P75_COS		3145.78	246.98	-385.01	277.28	-201.14	-35.36	-101.46	-412.63	-93.79	-76.86	16.54	45.70	24.91	14.20	-27.73	-31.66
MRBLD1FB42P75_SIN		0.00	-28.17	-45.59	105.89	-62.01	81.24	58.68	-132.25	-77.15	-54.73	-132.14	26.20	17.27	1.96	19.13	-12.18
MRBLD1FB70_COS		401.46	-3.54	-183.87	60.76	-69.25	-9.71	-11.13	-60.59	1.57	2.12	0.44	0.35	-1.75	-2.54	8.17	8.31
MRBLD1FB70_SIN		0.00	-193.63	4.68	19.06	-28.71	6.82	16.60	-15.35	-1.98	5.23	1.92	2.84	2.13	0.04	-4.66	3.25
MRBLD1FB87_COS		-90.15	23.56	-160.08	-4.35	-53.27	-20.90	-2.10	38.35	15.66	16.67	0.30	-7.85	-3.09	-4.09	0.50	2.08
MRBLD1FB87_SIN		0.00	-189.11	36.05	40.19	-5.18	2.25	-4.79	11.24	7.15	7.57	31.32	-6.25	-1.58	3.51	-2.87	0.65
MRBLD1FB120_COS		-478.33	31.98	-263.29	-38.95	-7.55	-4.88	20.70	86.40	-1.76	-5.31	-3.91	0.79	4.42	5.28	-5.27	-4.33
MRBLD1FB120_SIN		0.00	-234.45	93.51	92.45	45.03	-2.71	-26.79	20.11	2.76	-7.66	-13.69	-0.39	-2.95	-5.24	3.63	-0.98
MRBLD1FB164_COS		-207.22	20.28	-237.27	33.99	170.40	76.19	1.35	-126.59	-0.56	7.54	3.68	-0.30	-0.40	-0.77	6.61	4.94
MRBLD1FB164_SIN		0.00	-319.76	-6.10	172.48	87.74	-19.84	23.36	-42.78	-11.47	8.85	24.42	-4.80	-3.24	3.34	-0.20	0.17

RUN	POINT	Harmonics															
45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.07	-19.16	-81.96	26.30	128.33	69.76	-14.06	-124.48	16.09	26.56	-7.61	-13.62	8.30	10.01	-13.29	-12.72
MRBLD1FB180_SIN		0.00	-229.37	-31.56	94.67	43.98	-14.77	26.22	-30.11	-14.03	-7.36	54.86	-7.70	-4.24	-8.51	0.78	-2.37
MRBLD1TOR51_COS		-1441.72	42.31	160.01	64.49	-29.97	-21.92	0.48	-52.60	8.46	4.80	-6.58	-0.66	2.50	2.29	-0.87	0.78
MRBLD1TOR51_SIN		0.00	-123.87	-68.38	92.89	-3.68	-12.25	5.14	-6.40	3.14	-1.87	-0.44	-2.93	0.87	-0.14	-1.38	-6.12
MRBLD1TOR71_COS		-274.34	60.70	140.88	51.06	-16.76	-11.96	7.83	-34.65	6.27	2.56	-9.18	-1.44	2.93	3.56	-0.53	-0.32
MRBLD1TOR71_SIN		0.00	-121.63	-68.17	72.58	-7.05	-11.20	7.03	10.01	9.28	0.94	4.89	-3.08	-0.75	0.88	-1.33	-3.57
MRBLD1TOR130_COS		-27.79	47.97	162.55	41.68	-0.09	-9.17	5.86	-31.96	3.42	-0.96	3.08	-1.99	-0.22	-0.48	-2.01	-2.27
MRBLD1TOR130_SIN		0.00	-109.69	-74.49	63.27	4.50	-7.51	8.57	2.83	4.49	-0.25	0.96	8.48	3.28	2.05	-1.75	3.43
MRBLD1TOR164_COS		-226.44	24.43	164.88	22.45	-14.84	-14.42	-3.83	-11.75	5.49	5.75	-0.88	-0.44	1.91	3.26	-1.79	-2.47
MRBLD1TOR164_SIN		0.00	-55.68	-53.40	15.91	-13.61	-2.32	8.77	10.23	3.20	-0.09	6.43	4.20	2.89	1.65	-3.02	1.26
MRFBM1CB26P5_COS		-4849.12	-678.40	-20.34	65.18	9.96	-1.62	2.53	-11.04	1.06	-3.47	6.11	1.16	-0.50	0.38	-1.79	-1.23
MRFBM1CB26P5_SIN		0.00	-44.08	-5.58	-3.37	-28.38	-15.78	-6.46	-20.14	-4.71	-4.35	-10.13	1.71	1.14	0.64	-0.33	-2.39
MRFBM1FB9_COS		244.42	33.53	142.66	-42.83	24.48	10.84	7.81	11.16	-1.17	-0.93	-4.62	0.63	0.60	0.20	0.57	-0.60
MRFBM1FB9_SIN		0.00	-101.63	49.15	-60.11	10.98	-2.52	2.76	19.89	4.54	1.46	1.55	-1.61	-1.02	-0.27	0.54	0.79
MRFBM1TOR26P5_COS		-357.55	79.25	0.85	0.36	-0.45	-0.07	0.11	-0.23	0.15	0.12	-0.06	0.08	0.02	-0.03	0.12	0.06
MRFBM1TOR26P5_SIN		0.00	-97.68	-0.21	0.59	0.14	-0.39	0.23	-0.08	0.17	0.12	0.07	-0.16	0.00	-0.01	0.10	-0.01

RUN	POINT	Harmonics															
45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-763.95	-1442.45	-27.88	176.69	-42.14	-53.96	-43.06	-123.46	26.62	17.21	37.15	-5.77	-5.73	-1.65	-15.71	-4.44
MRPC1CB33P25_SIN		0.00	93.08	-43.52	27.78	-2.85	-24.96	15.68	-115.12	-28.83	0.24	-61.03	31.76	12.79	5.62	-2.50	-8.32
MRPC1FB33P25_COS		2214.17	178.41	-332.29	206.17	-156.30	-57.12	-100.47	-264.81	-30.54	-23.52	87.29	15.13	6.32	5.72	-36.93	-7.53
MRPC1FB33P25_SIN		0.00	136.93	-98.16	137.35	-85.79	55.11	7.83	-271.12	-103.93	-78.14	-85.72	46.89	29.51	14.37	-14.29	-35.15
MRPC1TOR25P5_COS		-782.43	-22.04	-206.17	-64.60	23.72	12.04	-11.27	44.43	-7.78	-1.99	12.76	-2.69	-2.99	-2.15	-8.02	-4.93
MRPC1TOR25P5_SIN		0.00	182.53	33.04	-78.90	12.20	17.08	-3.90	-8.21	-11.03	1.12	-3.63	10.62	0.28	3.65	-4.45	4.15
MRPLK1LOAD_COS		-83.46	3.92	-24.71	-7.52	3.97	2.14	-1.04	7.33	-0.89	-0.54	1.67	-0.76	-0.37	-0.28	-1.26	-0.98
MRPLK1LOAD_SIN		0.00	-3.39	6.90	-11.94	0.66	2.45	-0.88	-0.02	-1.07	-0.29	-0.23	1.44	-0.24	0.56	-1.55	0.77
PITCHRH_COS		6953.23	-9140.78	-301.08	-80.44	-88.79	-745.33	-56.88	-91.97	66.50	14.22	-14.88	-50.35	4.79	1.14	8.43	-422.51
PITCHRH_SIN		0.00	2404.02	-776.54	69.28	-30.49	-44.60	63.03	74.63	-23.18	-30.30	-283.21	-39.24	30.74	3.62	-14.46	-18.74
ROLLRH_COS		3438.09	-2048.37	807.31	-28.55	-384.44	-176.55	-98.97	-48.90	82.55	64.18	339.96	-3.84	-44.31	-27.12	-15.74	-228.95
ROLLRH_SIN		0.00	-8733.19	-465.44	-70.86	-38.75	-64.57	-279.97	-32.18	67.67	49.30	-110.94	-32.39	10.87	-43.82	9.47	-411.71
TORQ_COS		31707.60	320.18	-24.11	22.47	-55.54	108.68	-8.42	5.30	-17.14	-2.52	0.83	-1.61	5.35	-2.88	-2.46	24.51
TORQ_SIN		0.00	650.83	-24.25	4.96	-78.45	116.98	2.62	49.36	-13.16	-4.62	25.22	6.58	-8.62	6.96	-14.78	-2.29
THRUST_COS		5677.25	-32.74	26.98	8.76	14.18	26.08	2.38	16.37	-3.38	-7.65	-22.52	1.83	3.27	0.19	1.09	-1.55
THRUST_SIN		0.00	-65.96	4.61	5.43	34.04	-39.43	4.91	21.84	1.43	0.19	47.60	2.45	-1.11	1.36	-6.94	27.16

RUN	POINT	Harmonics															
45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.95	34.91	-21.63	-3.10	23.71	22.96	7.93	1.83	-1.46	-3.63	-14.55	0.17	1.46	0.74	0.56	6.65
SIDERH_SIN		0.00	191.93	13.74	3.75	-53.89	-39.67	10.10	-0.42	-1.14	-1.39	2.69	1.43	-0.26	1.63	-0.35	12.00
DRAGRH_COS		-125.64	245.38	14.87	-1.63	-10.69	9.89	-12.04	-5.62	0.02	-0.06	7.14	2.96	-1.79	0.63	-0.75	18.95
DRAGRH_SIN		0.00	-63.26	22.26	-0.20	7.68	39.29	-27.71	-4.24	2.25	-0.07	17.75	0.25	-0.11	-0.14	-0.54	0.07

RUN	POINT	Harmonics															
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	-0.01	-1.25	-0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.02	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.36	1.34	-6.60	-3.83	-1.93	-1.12	-0.67	0.70	0.10	-0.16	0.16	-0.11	0.29	0.03	0.07	-0.18
ACT1FORCE_SIN		0.00	14.54	-3.35	0.75	0.47	-0.31	-1.93	0.03	0.47	0.00	-0.68	0.42	0.16	0.06	0.08	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.04	-15.58	-171.28	27.26	12.97	7.52	7.85	0.04	0.00	-0.01	0.16	-0.07	-0.03	-0.03	-0.09	0.01
FA1IBVOLTAGE_SIN		0.00	-84.19	220.89	-10.30	-0.79	4.19	16.46	-0.01	0.08	-0.03	-0.03	0.00	0.04	0.02	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.45	15.55	171.44	-27.15	-13.59	-7.46	-7.89	-0.04	-0.02	0.01	-0.14	0.07	0.05	0.02	0.09	-0.01
FA1OBVOLTAGE_SIN		0.00	84.43	-221.61	10.22	0.76	-4.06	-16.43	0.03	0.03	0.00	0.04	0.00	-0.06	-0.02	-0.02	0.01
MRBLD1CB42P75_COS		-4316.77	-1733.73	51.14	170.67	-43.14	-93.27	-58.41	-147.55	38.28	37.06	38.81	-14.88	-8.15	-6.85	-32.88	-1.37
MRBLD1CB42P75_SIN		0.00	-42.44	-71.89	69.86	71.37	-38.53	26.80	-65.60	-23.54	26.37	-88.93	38.90	14.90	7.14	-0.17	-8.32

RUN	POINT	Harmonics															
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2855.83	-1065.86	316.43	89.32	-24.45	-114.48	-68.25	-107.73	26.95	44.03	23.31	-11.92	-0.48	-1.55	-23.10	4.80
MRBLD1CB70_SIN		0.00	-27.70	-68.35	80.48	214.63	-18.59	39.10	-15.74	-12.61	25.58	-41.61	23.70	5.26	3.84	-5.97	-7.61
MRBLD1CB120_COS		-422.32	-431.84	460.94	93.44	-29.20	-64.20	-34.13	-40.21	-35.70	-23.08	-5.60	13.43	8.24	5.04	1.40	3.66
MRBLD1CB120_SIN		0.00	67.68	-146.72	-4.43	189.80	13.18	34.73	20.24	-9.53	-26.59	48.32	-8.73	1.24	2.07	-6.15	-6.87
MRBLD1CB164_COS		-1945.70	-126.38	124.56	5.38	-51.87	-21.84	13.43	32.15	-38.30	-32.81	-5.93	14.53	3.42	2.72	13.10	-7.17
MRBLD1CB164_SIN		0.00	66.28	-43.98	-7.00	73.98	16.73	0.36	21.95	-18.12	-45.77	27.21	-2.31	7.08	0.27	6.58	6.40
MRBLD1FB42P75_COS		3156.55	284.51	-381.30	326.66	-224.20	-41.32	-85.76	-381.83	-105.68	-81.98	-3.10	45.84	28.39	15.11	-48.34	-31.88
MRBLD1FB42P75_SIN		0.00	-11.34	-50.76	131.04	-84.75	70.51	55.23	-30.03	-68.92	-57.44	-134.50	20.11	18.23	9.66	47.30	-22.55
MRBLD1FB70_COS		401.90	-7.07	-181.05	75.80	-74.91	-13.65	-7.61	-55.40	-0.63	1.72	0.16	1.13	-2.83	-2.47	11.49	8.43
MRBLD1FB70_SIN		0.00	-194.69	1.19	30.21	-34.59	5.13	15.40	2.32	-0.98	4.82	1.65	3.24	2.68	-1.03	-10.28	5.55
MRBLD1FB87_COS		-91.16	20.57	-157.36	3.21	-55.34	-22.34	-2.49	34.92	17.00	17.41	4.53	-6.86	-3.31	-3.03	5.23	3.02
MRBLD1FB87_SIN		0.00	-186.57	33.69	47.72	-7.33	2.65	-4.16	1.70	6.44	7.41	31.91	-5.33	-1.40	2.44	-8.19	3.27
MRBLD1FB120_COS		-480.35	26.14	-261.16	-32.61	-5.68	-4.62	17.94	77.56	1.14	-4.62	-5.91	-0.31	3.90	4.36	-11.84	-4.60
MRBLD1FB120_SIN		0.00	-223.58	90.84	101.89	45.61	-1.93	-25.55	-6.46	1.42	-7.69	-13.60	-1.76	-3.85	-4.52	10.26	-4.79
MRBLD1FB164_COS		-204.11	13.82	-239.33	49.46	183.02	77.69	4.40	-115.69	-4.23	7.98	5.66	0.42	-0.84	0.20	9.92	4.65
MRBLD1FB164_SIN		0.00	-301.42	-12.11	180.76	100.17	-17.67	24.65	-4.63	-6.30	9.82	25.28	-3.19	-2.62	3.02	-4.10	2.49

RUN	POINT	Harmonics															
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.90	-24.28	-86.12	33.50	135.88	67.52	-11.99	-113.63	12.18	26.14	-0.70	-15.25	5.92	8.76	-20.60	-12.84
MRBLD1FB180_SIN		0.00	-217.08	-35.19	97.64	53.35	-11.43	27.56	6.17	-9.99	-5.28	57.56	-3.76	-3.16	-6.64	10.12	-7.05
MRBLD1TOR51_COS		-1440.30	40.12	160.14	69.96	-30.45	-21.49	2.10	-49.05	4.44	2.86	-5.43	-0.22	2.20	1.64	-4.65	1.33
MRBLD1TOR51_SIN		0.00	-125.18	-71.41	96.08	-8.50	-15.42	7.68	16.69	4.31	-2.62	-0.54	-2.24	1.31	0.44	-1.76	-7.17
MRBLD1TOR71_COS		-273.06	60.20	140.70	53.76	-17.36	-11.03	8.43	-30.47	3.73	1.42	-7.65	-0.85	2.57	3.34	-2.69	-0.13
MRBLD1TOR71_SIN		0.00	-121.53	-70.26	74.11	-10.67	-13.66	9.29	26.21	10.51	0.59	5.66	-2.37	-0.60	0.91	-1.58	-4.26
MRBLD1TOR130_COS		-26.48	47.18	161.99	43.31	0.13	-8.46	6.51	-28.74	1.82	-0.55	3.57	-0.72	-0.02	-0.35	-1.25	-2.43
MRBLD1TOR130_SIN		0.00	-109.00	-76.54	62.82	3.85	-8.81	9.72	17.22	5.38	-0.27	0.27	8.51	3.58	2.30	-1.05	4.05
MRBLD1TOR164_COS		-226.27	24.39	163.87	21.50	-15.96	-14.84	-3.97	-10.00	5.41	6.27	-0.07	-0.34	1.94	3.02	-2.78	-2.11
MRBLD1TOR164_SIN		0.00	-57.30	-53.79	13.36	-15.92	-3.16	8.90	14.72	3.28	0.42	7.23	4.37	2.68	1.27	-2.88	0.87
MRFBM1CB26P5_COS		-4859.83	-749.81	-18.62	70.27	5.65	1.32	1.73	-13.08	0.56	-3.52	3.65	1.17	-0.22	-0.37	-3.43	-1.17
MRFBM1CB26P5_SIN		0.00	-94.98	-11.83	-2.69	-27.87	-13.53	-6.17	-14.60	-6.07	-4.14	-11.15	1.29	1.78	0.77	-0.03	-2.81
MRFBM1FB9_COS		253.91	93.44	139.69	-53.55	25.80	11.77	6.85	13.86	-0.53	-0.81	-4.75	0.58	0.55	0.40	1.38	-1.23
MRFBM1FB9_SIN		0.00	-97.23	55.69	-71.42	14.30	-1.42	1.96	15.18	4.96	1.80	2.29	-1.47	-1.14	-0.32	1.17	0.78
MRFBM1TOR26P5_COS		-357.14	79.07	1.36	0.01	-0.19	-0.26	0.17	-0.17	0.07	0.14	-0.07	0.07	-0.01	-0.02	0.13	0.08
MRFBM1TOR26P5_SIN		0.00	-97.23	-0.25	0.74	0.05	-0.34	0.26	0.00	0.29	0.00	0.16	-0.20	0.03	0.02	0.04	0.04

RUN	POINT	Harmonics															
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-776.58	-1569.37	-27.12	197.80	-45.03	-55.28	-37.15	-130.69	16.46	12.81	30.24	-3.93	-2.83	-3.80	-30.34	-0.84
MRPC1CB33P25_SIN		0.00	12.40	-62.48	37.52	-5.10	-23.50	15.68	-67.49	-34.20	-1.28	-71.81	30.28	14.28	8.58	-1.24	-11.30
MRPC1FB33P25_COS		2222.57	213.91	-329.77	242.74	-168.54	-60.66	-86.36	-283.72	-43.56	-26.61	73.93	19.39	8.24	0.92	-73.35	1.54
MRPC1FB33P25_SIN		0.00	153.02	-99.33	165.95	-108.67	46.05	9.99	-179.11	-103.82	-82.77	-99.34	41.28	32.59	18.73	-14.02	-41.57
MRPC1TOR25P5_COS		-784.05	-15.77	-208.03	-68.85	25.23	10.40	-12.31	38.76	-4.13	-0.10	10.83	-2.17	-2.45	-1.91	-7.69	-4.81
MRPC1TOR25P5_SIN		0.00	184.71	38.69	-80.77	16.96	20.42	-6.47	-29.41	-12.94	1.28	-5.18	9.54	-0.03	3.36	-3.62	5.08
MRPLK1LOAD_COS		-83.83	3.83	-24.58	-8.29	4.16	2.04	-1.31	6.48	-0.32	-0.15	1.38	-0.62	-0.31	-0.23	-1.09	-1.04
MRPLK1LOAD_SIN		0.00	-3.51	7.32	-12.20	1.25	2.84	-1.19	-3.23	-1.37	-0.22	-0.32	1.24	-0.28	0.46	-1.41	0.99
PITCHRH_COS		5906.33	-9063.14	-295.29	-73.60	-98.58	-811.11	-103.37	-67.04	61.11	26.17	-36.62	-40.91	8.34	-17.50	8.87	-474.06
PITCHRH_SIN		0.00	2470.49	-766.07	41.83	-13.84	-114.21	198.29	69.20	-10.07	-35.37	-306.26	-35.24	22.10	33.07	-17.09	11.01
ROLLRH_COS		3296.66	-2147.83	845.39	-42.68	-440.92	47.25	-121.74	-62.80	56.12	89.77	304.88	-14.13	-24.55	30.82	-1.95	-247.79
ROLLRH_SIN		0.00	-8650.62	-480.54	-56.84	-13.48	-175.43	-229.12	14.06	46.80	63.93	-155.76	-37.74	28.54	-1.47	-10.05	-506.70
TORQ_COS		31693.82	307.95	-13.93	20.85	-72.36	112.59	-7.48	7.22	-15.79	-4.21	11.62	-2.92	4.62	-2.56	-5.13	28.43
TORQ_SIN		0.00	639.97	-22.58	4.21	-81.26	111.02	-0.80	34.37	-11.48	-3.00	24.61	7.49	-9.84	6.25	-12.82	-3.58
THRUST_COS		5707.38	-35.78	26.25	8.08	18.15	29.17	4.62	11.56	-4.87	-6.75	-12.12	0.40	2.81	0.35	1.66	-3.56
THRUST_SIN		0.00	-67.41	5.73	4.09	33.51	-36.56	5.02	13.14	0.64	1.51	50.24	2.02	-1.39	0.61	-2.30	30.52

RUN	POINT	Harmonics															
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.98	42.65	-21.36	-1.28	29.33	11.16	13.14	0.17	-0.73	-4.34	-13.27	0.11	0.57	-1.11	0.01	7.33
SIDERH_SIN		0.00	192.38	14.10	4.05	-59.29	-23.31	13.04	-2.11	-1.17	-2.01	3.79	1.51	-1.10	0.33	-0.02	14.41
DRAGRH_COS		-130.56	244.01	14.46	-1.71	-12.02	12.60	0.59	-4.96	-0.76	-1.79	8.53	2.74	-1.99	1.17	-0.77	21.24
DRAGRH_SIN		0.00	-66.10	21.65	0.64	2.78	9.66	-37.84	0.82	3.28	-0.09	18.80	-0.70	0.68	-1.77	-0.15	-1.29

RUN	POINT	Harmonics															
45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.69	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-0.02	-0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.02	0.02	0.01	-0.02	0.02	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.42	1.31	-8.04	-3.73	-1.68	-1.32	-0.82	0.92	0.03	-0.02	-0.14	-0.18	0.36	-0.01	-0.01	-0.20
ACT1FORCE_SIN		0.00	14.37	-3.21	0.45	0.66	-0.27	-2.31	0.47	0.44	0.12	-0.61	0.44	0.18	0.11	-0.01	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.06	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.88	-14.41	-202.55	25.97	11.17	8.32	5.23	0.13	-0.07	0.00	0.18	-0.09	-0.03	-0.04	-0.06	-0.02
FA1IBVOLTAGE_SIN		0.00	-79.22	273.71	-7.75	-1.79	4.15	18.66	0.01	0.07	0.01	-0.08	0.00	0.02	0.00	0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.69	14.35	202.50	-25.78	-12.13	-8.26	-5.33	-0.12	0.02	0.01	-0.15	0.09	0.07	0.03	0.06	0.02
FA1OBVOLTAGE_SIN		0.00	79.46	-274.87	7.65	1.68	-3.95	-18.62	0.03	0.08	-0.04	0.08	0.00	-0.05	0.00	-0.01	-0.02
MRBLD1CB42P75_COS		-4284.44	-1658.35	88.23	141.97	-31.67	-90.07	-72.43	-127.80	47.83	50.89	24.78	-8.85	-10.33	-3.99	-25.25	1.56
MRBLD1CB42P75_SIN		0.00	72.88	-61.23	54.41	66.30	-46.90	32.58	-132.09	-11.99	31.57	-78.35	40.71	14.95	5.47	-2.33	-1.43

RUN	POINT	Harmonics															
45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2877.43	-1021.67	339.69	66.63	-17.41	-116.76	-76.21	-101.02	36.39	58.48	17.92	-9.26	-2.71	-1.95	-16.51	6.17
MRBLD1CB70_SIN		0.00	42.05	-57.92	61.31	207.68	-23.47	43.35	-60.38	-6.14	29.02	-26.44	23.31	5.91	3.08	-7.52	-2.35
MRBLD1CB120_COS		-411.76	-420.62	478.72	74.60	-20.92	-69.32	-35.37	-47.85	-37.73	-34.30	-5.80	10.83	9.38	4.29	2.75	2.79
MRBLD1CB120_SIN		0.00	96.41	-142.68	-17.56	182.39	15.12	40.21	-1.15	-14.98	-30.39	39.82	-9.76	2.37	3.49	-7.34	-6.69
MRBLD1CB164_COS		-1943.89	-122.81	117.95	-0.08	-46.49	-27.73	17.20	22.11	-43.25	-47.88	-5.57	13.56	5.90	4.34	8.67	-6.65
MRBLD1CB164_SIN		0.00	70.87	-38.78	-18.73	73.81	19.50	3.73	33.28	-26.53	-51.32	12.29	-1.75	7.45	0.54	7.74	3.46
MRBLD1FB42P75_COS		3133.37	263.89	-360.96	269.12	-191.48	-20.77	-96.78	-410.81	-104.11	-89.21	-40.93	53.95	31.68	17.57	-46.18	-20.99
MRBLD1FB42P75_SIN		0.00	-30.86	-57.97	102.39	-81.67	68.52	79.75	-166.05	-58.09	-38.38	-128.03	19.79	19.19	3.93	25.00	-18.10
MRBLD1FB70_COS		399.92	-5.45	-175.87	56.61	-65.36	-8.70	-12.03	-61.12	-0.04	1.79	0.55	0.36	-2.86	-3.83	11.16	5.94
MRBLD1FB70_SIN		0.00	-189.61	1.00	17.31	-34.25	3.58	20.33	-22.25	-0.36	5.49	2.15	3.55	2.97	0.11	-5.57	4.58
MRBLD1FB87_COS		-91.91	20.19	-158.51	-7.46	-51.08	-20.58	-3.25	37.20	16.68	18.43	12.81	-9.15	-3.04	-3.90	4.83	0.71
MRBLD1FB87_SIN		0.00	-183.07	34.43	37.75	-6.84	2.67	-4.70	14.38	4.56	4.68	29.57	-5.74	-2.29	3.38	-4.24	1.41
MRBLD1FB120_COS		-480.10	30.97	-268.45	-43.40	-5.69	-6.29	22.15	87.16	-0.13	-4.88	-8.03	0.75	3.07	4.97	-10.77	-1.75
MRBLD1FB120_SIN		0.00	-222.75	96.17	85.80	46.28	-1.64	-31.05	29.91	-0.12	-7.60	-13.07	-0.59	-2.73	-5.25	5.18	-2.20
MRBLD1FB164_COS		-210.24	4.90	-189.66	33.85	166.45	79.29	-1.16	-129.53	-3.91	8.22	11.43	-0.64	-0.41	-0.98	10.47	4.84
MRBLD1FB164_SIN		0.00	-311.84	-43.01	184.67	91.97	-13.39	25.41	-57.63	-5.69	9.58	23.52	-5.25	-4.73	3.07	-0.88	0.18

RUN	POINT	Harmonics															
45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.45	-28.61	-37.93	27.21	124.98	74.98	-13.13	-128.57	11.08	28.29	16.67	-18.09	6.63	10.48	-21.31	-10.74
MRBLD1FB180_SIN		0.00	-225.94	-64.96	104.58	45.19	-12.42	30.19	-41.17	-9.80	-11.13	48.62	-6.65	-4.35	-6.49	4.38	-2.72
MRBLD1TOR51_COS		-1444.34	33.21	223.10	67.43	-32.78	-20.78	1.85	-49.27	4.53	4.64	-4.30	-0.88	2.94	1.53	-4.03	0.65
MRBLD1TOR51_SIN		0.00	-139.17	-95.73	114.99	-8.53	-14.31	6.12	-12.42	5.34	-1.08	1.04	-3.98	0.96	1.19	-3.61	-6.04
MRBLD1TOR71_COS		-276.48	52.58	198.56	54.01	-20.75	-11.02	9.18	-32.10	3.75	2.89	-5.46	-1.76	3.33	3.17	-2.33	-0.81
MRBLD1TOR71_SIN		0.00	-135.68	-93.53	93.64	-10.90	-12.54	6.80	5.50	10.79	1.29	7.05	-3.93	-0.95	1.81	-2.32	-3.39
MRBLD1TOR130_COS		-29.54	38.60	219.50	46.43	-4.12	-8.72	6.86	-30.08	1.41	-1.24	1.77	-0.91	-0.34	-0.55	-0.89	-2.02
MRBLD1TOR130_SIN		0.00	-123.82	-101.45	83.71	2.68	-8.39	8.49	-1.54	5.71	0.12	-0.42	9.16	3.89	2.16	-0.21	4.03
MRBLD1TOR164_COS		-226.98	19.40	200.86	26.76	-16.11	-13.06	-3.62	-12.35	5.21	6.23	1.24	-0.55	1.14	3.25	-1.25	-1.51
MRBLD1TOR164_SIN		0.00	-67.05	-70.61	28.41	-14.91	-3.88	9.78	8.85	2.97	-0.64	6.80	4.88	3.10	1.51	-2.26	1.26
MRFBM1CB26P5_COS		-4839.51	-716.64	-2.80	64.41	8.30	2.17	0.14	-9.05	0.49	-4.56	0.87	1.99	-0.16	0.63	-2.71	-1.11
MRFBM1CB26P5_SIN		0.00	-36.35	-9.24	-0.46	-29.04	-15.46	-5.41	-22.02	-4.23	-4.21	-13.65	1.68	1.71	0.79	-1.04	-2.21
MRFBM1FB9_COS		234.43	63.07	123.16	-40.93	21.83	10.13	8.68	9.86	-0.30	-0.56	-3.85	0.40	0.60	0.24	0.86	-0.42
MRFBM1FB9_SIN		0.00	-120.31	53.37	-58.45	12.73	-2.04	1.17	21.41	4.42	1.46	3.00	-1.80	-1.21	-0.36	0.90	0.69
MRFBM1TOR26P5_COS		-357.61	79.39	1.25	0.36	-0.55	-0.12	0.15	-0.22	0.14	0.15	0.03	0.04	0.02	-0.02	0.10	0.06
MRFBM1TOR26P5_SIN		0.00	-97.93	-0.40	0.75	0.15	-0.42	0.23	-0.11	0.18	0.11	0.12	-0.17	-0.01	0.00	0.06	-0.04

RUN	POINT	Harmonics															
45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-752.41	-1496.31	11.93	172.08	-32.61	-51.69	-49.80	-115.03	22.05	17.36	15.65	0.95	-3.95	-1.11	-23.13	1.47
MRPC1CB33P25_SIN		0.00	112.64	-56.86	30.39	-7.99	-31.48	22.66	-127.06	-24.48	2.36	-70.33	31.62	14.46	7.51	-5.17	-4.78
MRPC1FB33P25_COS		2203.48	196.25	-313.44	200.22	-141.99	-43.16	-104.67	-250.12	-46.74	-40.84	43.28	24.94	9.35	6.25	-51.67	3.91
MRPC1FB33P25_SIN		0.00	134.43	-102.24	131.28	-99.39	49.17	25.86	-296.50	-94.52	-72.17	-115.80	47.72	35.55	18.03	-26.01	-28.36
MRPC1TOR25P5_COS		-780.60	-10.49	-273.49	-67.72	28.86	10.23	-13.27	41.06	-4.21	-2.43	7.19	-1.41	-3.50	-1.54	-4.87	-3.20
MRPC1TOR25P5_SIN		0.00	198.66	63.02	-103.91	17.90	19.07	-4.38	-2.70	-13.57	0.18	-7.07	12.30	0.72	2.47	-1.52	6.38
MRPLK1LOAD_COS		-83.16	5.03	-33.32	-7.90	4.54	2.02	-1.43	6.83	-0.33	-0.63	0.90	-0.55	-0.50	-0.26	-0.69	-0.81
MRPLK1LOAD_SIN		0.00	-1.32	10.75	-15.06	1.41	2.76	-0.89	0.75	-1.38	-0.39	-0.74	1.73	-0.18	0.38	-0.87	1.17
PITCHRH_COS		6400.88	-9012.15	-250.59	-78.33	-106.60	-718.40	-54.30	-79.24	75.04	10.79	-75.64	-31.55	11.55	8.68	11.12	-441.70
PITCHRH_SIN		0.00	2448.68	-808.09	39.98	0.22	-156.86	162.61	65.76	-29.48	-24.09	-285.80	-57.64	0.39	8.06	-10.92	-38.45
ROLLRH_COS		3836.96	-2125.19	728.84	-2.14	-366.71	51.54	-116.11	-24.38	35.33	-5.46	298.59	39.46	9.11	-71.92	58.47	-83.65
ROLLRH_SIN		0.00	-8629.48	-447.88	-75.86	-9.68	-0.22	-211.46	0.20	20.56	3.73	-144.03	11.99	53.96	15.79	-26.70	-496.12
TORQ_COS		31975.19	298.73	-24.70	21.81	-72.34	116.21	-7.70	-3.43	-19.82	-5.06	16.97	-4.30	3.43	-3.12	-2.66	31.41
TORQ_SIN		0.00	644.90	-21.41	-3.08	-70.62	123.43	1.12	52.31	-12.79	-3.17	31.88	6.88	-7.47	5.91	-16.43	-4.80
THRUST_COS		5650.17	-32.37	30.06	5.52	17.49	20.73	2.50	16.04	-4.90	-7.97	-1.79	-0.06	0.88	0.26	2.23	-4.68
THRUST_SIN		0.00	-69.78	2.76	3.39	29.93	-33.27	3.24	24.83	1.01	3.21	59.02	3.87	0.98	0.53	-7.02	25.48

RUN	POINT	Harmonics															
45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.75	39.82	-19.31	-0.69	27.04	0.83	13.99	0.15	-0.31	-1.90	-14.47	-1.69	-0.33	1.78	-1.51	2.74
SIDERH_SIN		0.00	194.06	14.31	3.68	-58.77	-36.59	9.93	-1.44	-0.12	0.12	3.66	0.06	-1.31	0.17	0.54	14.09
DRAGRH_COS		-128.91	244.12	15.29	-1.27	-11.42	25.55	-4.50	-6.91	-0.98	0.67	9.61	2.58	-0.73	0.33	-0.73	19.85
DRAGRH_SIN		0.00	-65.79	22.77	1.41	3.87	17.30	-38.12	-3.91	3.07	-1.64	18.53	1.32	0.36	0.28	-0.34	0.76

RUN	POINT	Harmonics															
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.00	0.00	-2.11	0.00	0.00	0.00	0.00	0.03	0.00	0.01	-0.03	-0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.31	0.00	0.01	0.00	0.00	0.03	0.01	0.01	-0.01	0.02	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.46	1.55	-9.48	-3.84	-1.56	-1.19	-0.89	0.90	0.01	0.18	-0.36	-0.16	0.39	-0.01	-0.14	-0.22
ACT1FORCE_SIN		0.00	14.13	-2.81	0.11	0.36	-0.27	-2.41	0.70	0.25	0.21	-0.54	0.49	0.17	0.16	-0.17	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.02	-14.35	-232.03	26.27	9.41	6.56	1.68	0.10	-0.09	0.02	0.15	-0.09	-0.05	-0.05	-0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-74.76	317.98	-5.01	2.56	4.19	20.57	0.00	0.09	0.00	-0.11	-0.03	0.05	-0.04	-0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.66	14.21	231.96	-26.04	-10.82	-6.49	-1.86	-0.09	-0.02	0.01	-0.12	0.09	0.09	0.03	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	74.99	-319.46	4.90	-2.88	-3.92	-20.53	0.02	0.11	-0.02	0.11	0.03	-0.08	0.03	0.02	0.00
MRBLD1CB42P75_COS		-4238.74	-1676.70	121.05	117.76	-19.53	-90.57	-85.62	-121.32	48.50	60.88	8.91	-20.38	-17.14	-12.67	-24.07	3.07
MRBLD1CB42P75_SIN		0.00	-24.18	-77.82	60.80	37.51	-56.58	36.65	-136.72	-1.47	35.77	-59.54	36.74	15.43	2.05	-6.21	2.36

RUN	POINT	Harmonics															
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2911.18	-1024.00	366.71	51.11	7.86	-105.88	-89.74	-98.76	34.18	70.02	20.15	-19.58	-4.61	-8.09	-14.96	8.03
MRBLD1CB70_SIN		0.00	-22.79	-67.16	61.26	184.03	-37.79	28.37	-62.89	2.34	31.92	2.43	21.07	6.73	2.54	-11.31	1.97
MRBLD1CB120_COS		-391.75	-413.23	506.29	61.39	-9.15	-42.04	-33.20	-49.42	-43.20	-44.88	-5.69	16.26	13.17	6.18	2.46	1.61
MRBLD1CB120_SIN		0.00	66.02	-152.75	-26.29	144.10	6.11	13.47	-7.89	-13.65	-29.53	26.20	-8.11	3.16	5.24	-7.28	-5.93
MRBLD1CB164_COS		-1945.73	-119.26	119.09	-8.57	-45.67	-14.84	22.69	18.78	-46.59	-62.53	-11.15	20.10	7.84	6.51	7.45	-6.89
MRBLD1CB164_SIN		0.00	63.77	-37.49	-31.72	57.19	19.20	-9.45	29.82	-31.73	-54.24	-15.29	0.99	7.63	0.53	8.69	0.62
MRBLD1FB42P75_COS		3138.80	260.47	-346.61	202.47	-268.27	1.24	-97.04	-411.96	-100.93	-99.75	-107.32	49.69	27.68	9.78	-50.38	-12.70
MRBLD1FB42P75_SIN		0.00	-12.44	-81.46	89.58	-199.58	74.25	87.45	-203.86	-48.12	-20.69	-127.55	11.72	20.43	4.44	15.73	-15.91
MRBLD1FB70_COS		404.74	-10.66	-169.49	32.60	-85.68	-4.17	-12.06	-60.89	0.89	2.37	2.13	1.91	-1.91	-3.35	11.23	4.57
MRBLD1FB70_SIN		0.00	-191.59	-6.73	12.58	-68.45	4.92	22.53	-28.07	1.53	6.29	2.87	4.71	4.44	0.75	-4.38	3.66
MRBLD1FB87_COS		-91.10	13.79	-157.93	-22.88	-59.10	-19.85	-3.15	36.70	16.06	19.51	25.69	-7.85	-1.23	-1.69	5.40	-0.92
MRBLD1FB87_SIN		0.00	-181.26	31.58	34.50	-18.54	5.22	-2.81	18.38	3.76	2.28	28.43	-5.19	-3.31	3.43	-2.25	0.86
MRBLD1FB120_COS		-482.53	26.07	-274.85	-56.31	1.39	-9.22	22.78	88.08	-0.97	-3.96	-10.60	-0.28	0.92	3.13	-10.30	0.96
MRBLD1FB120_SIN		0.00	-218.98	98.21	76.67	55.28	-1.98	-33.23	37.06	-3.79	-9.65	-13.17	-1.12	-2.83	-5.91	2.19	-1.33
MRBLD1FB164_COS		-195.26	-16.33	-160.05	36.21	201.91	83.12	4.32	-130.40	-3.03	7.01	16.61	1.04	1.68	1.04	11.13	2.86
MRBLD1FB164_SIN		0.00	-309.72	-83.03	192.54	135.12	-23.29	22.16	-68.68	-1.51	13.83	23.10	-6.67	-6.76	1.98	0.32	-0.99

RUN	POINT	Harmonics															
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-200.37	-42.98	-9.05	31.59	147.72	80.51	-9.74	-131.33	7.50	26.31	39.35	-18.44	6.70	11.27	-20.89	-6.82
MRBLD1FB180_SIN		0.00	-225.29	-99.76	112.16	70.16	-19.63	29.29	-49.33	-5.00	-11.79	44.54	-6.80	-8.55	-8.38	2.79	-0.01
MRBLD1TOR51_COS		-1445.34	21.49	288.09	65.78	-42.19	-23.43	3.73	-48.20	0.65	4.99	-1.47	-0.34	4.00	1.19	-4.72	0.77
MRBLD1TOR51_SIN		0.00	-155.71	-126.19	138.49	-18.05	-16.72	8.88	-14.32	5.40	-0.79	4.12	-4.65	0.93	1.56	-5.65	-5.33
MRBLD1TOR71_COS		-277.45	42.12	258.66	54.72	-28.54	-14.02	11.17	-31.39	0.72	3.34	-1.44	-1.10	4.52	3.22	-3.01	-1.22
MRBLD1TOR71_SIN		0.00	-149.99	-121.25	116.04	-15.32	-14.88	9.11	4.85	10.51	1.16	10.15	-4.08	-1.23	2.42	-2.69	-2.80
MRBLD1TOR130_COS		-30.23	27.74	278.84	51.92	-9.43	-11.17	7.86	-29.19	0.05	-1.81	0.12	-0.19	-0.45	-0.84	-0.58	-1.93
MRBLD1TOR130_SIN		0.00	-138.73	-130.36	106.54	4.79	-10.61	10.36	-3.27	6.20	0.60	-2.12	9.00	3.73	2.02	1.41	4.08
MRBLD1TOR164_COS		-229.24	14.28	239.91	32.72	-21.36	-14.45	-5.25	-12.73	5.17	6.48	3.08	-0.65	1.27	3.75	-0.28	-1.54
MRBLD1TOR164_SIN		0.00	-77.58	-88.52	42.66	-21.19	-2.96	11.67	8.02	3.05	-0.94	7.24	4.81	2.11	0.85	-0.69	1.86
MRFBM1CB26P5_COS		-4800.51	-727.39	10.25	61.39	6.42	-0.65	0.98	-8.36	1.43	-5.54	-4.98	2.64	-0.38	1.09	-2.41	-1.17
MRFBM1CB26P5_SIN		0.00	-84.41	-15.11	5.79	-28.12	-17.38	-0.43	-22.67	-3.83	-4.23	-19.33	0.96	1.11	0.21	-1.04	-1.86
MRFBM1FB9_COS		271.03	63.44	109.76	-25.55	24.34	8.47	8.50	8.49	0.16	-0.19	-2.96	0.38	0.76	0.42	0.52	-0.77
MRFBM1FB9_SIN		0.00	-89.45	63.48	-51.44	29.69	-3.17	-0.10	22.85	3.86	1.25	4.11	-1.46	-1.06	0.02	1.27	0.33
MRFBM1TOR26P5_COS		-353.10	83.39	1.68	0.37	-0.50	-0.14	0.22	-0.18	0.10	0.20	0.13	0.02	0.01	-0.02	0.09	0.08
MRFBM1TOR26P5_SIN		0.00	-95.93	-0.57	0.91	0.15	-0.44	0.29	-0.11	0.18	0.11	0.23	-0.14	0.03	0.01	-0.02	-0.05

RUN	POINT	Harmonics															
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-710.83	-1512.35	42.18	150.42	-33.33	-52.97	-54.38	-108.32	23.08	19.55	-5.18	-3.98	-7.92	-7.09	-21.57	2.58
MRPC1CB33P25_SIN		0.00	30.42	-75.34	41.57	-36.46	-33.74	30.53	-133.44	-17.48	5.44	-69.24	27.67	14.69	4.69	-8.96	-0.50
MRPC1FB33P25_COS		2204.56	192.04	-301.80	147.92	-177.07	-26.71	-109.02	-237.53	-48.59	-57.23	-4.61	27.09	6.36	1.03	-45.58	5.79
MRPC1FB33P25_SIN		0.00	147.05	-117.69	107.47	-213.99	60.12	31.45	-326.88	-85.78	-63.48	-152.55	38.66	32.86	11.76	-33.94	-19.14
MRPC1TOR25P5_COS		-777.41	4.83	-343.21	-68.36	40.22	13.61	-16.86	40.70	0.33	-2.53	0.31	-3.20	-4.32	-1.74	-3.01	-3.80
MRPC1TOR25P5_SIN		0.00	211.87	91.50	-134.08	21.99	21.92	-7.64	-2.46	-13.20	0.28	-10.98	11.69	-0.42	1.32	2.81	7.39
MRPLK1LOAD_COS		-81.87	7.81	-42.07	-7.83	6.18	2.41	-1.88	6.66	0.38	-0.69	-0.08	-0.57	-0.55	-0.29	-0.40	-1.08
MRPLK1LOAD_SIN		0.00	1.21	15.01	-18.70	2.44	3.14	-1.23	0.93	-1.32	-0.30	-1.50	1.55	-0.44	0.19	0.13	1.42
PITCHRH_COS		6283.15	-9009.28	-229.21	-103.63	-93.71	-1071.97	-69.37	-85.50	64.31	48.71	-115.60	-8.14	19.36	32.96	7.06	-469.95
PITCHRH_SIN		0.00	2395.81	-840.26	27.96	-41.22	-423.55	88.47	40.06	-18.25	-14.83	-293.83	-43.89	11.93	-9.05	1.89	-19.75
ROLLRH_COS		3271.62	-1985.38	812.32	-52.80	-311.33	632.36	-132.88	-85.60	52.23	91.91	225.88	-32.59	22.53	-61.15	41.77	-63.33
ROLLRH_SIN		0.00	-8477.76	-428.37	-46.14	-107.69	-178.34	-310.12	37.64	19.07	87.25	-194.67	-80.93	2.27	-134.52	44.62	-440.77
TORQ_COS		32950.97	304.54	-21.70	28.58	-72.22	143.09	-7.64	-1.52	-22.98	-3.80	38.17	-4.67	2.91	-4.25	-5.26	34.54
TORQ_SIN		0.00	666.90	-12.58	-4.31	-104.14	160.77	3.05	49.28	-8.00	1.41	45.71	10.31	-6.86	7.85	-13.08	-7.92
THRUST_COS		5738.27	-25.95	32.62	4.23	13.73	18.65	1.06	15.61	-3.20	-9.94	23.95	-0.30	0.19	-0.25	1.73	-9.58
THRUST_SIN		0.00	-73.04	-1.58	0.48	36.17	-39.51	4.63	19.34	1.75	6.37	71.80	4.50	0.57	2.15	-4.77	18.41

RUN	POINT	Harmonics															
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.13	33.81	-20.97	0.18	33.58	-17.20	6.58	3.35	-0.18	-4.49	-12.87	0.24	-0.61	1.49	-1.15	2.33
SIDERH_SIN		0.00	188.04	14.89	2.33	-50.52	-2.72	14.62	-3.07	0.32	-2.78	4.72	1.63	0.01	4.32	-1.41	12.47
DRAGRH_COS		-126.14	244.34	15.14	-1.85	-11.11	-0.34	-1.47	-9.68	-0.57	-1.08	11.89	1.49	-0.88	-1.19	-0.59	20.99
DRAGRH_SIN		0.00	-64.27	23.95	0.87	-2.39	-34.79	-29.93	-5.83	1.28	-4.08	20.01	1.56	-0.19	0.64	-1.12	-1.00

RUN	POINT	Harmonics															
45	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-2.53	0.01	-0.01	0.00	0.00	0.04	0.01	0.02	-0.04	-0.01	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	1.57	0.00	0.01	0.00	0.00	0.04	0.00	0.02	0.00	0.02	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.63	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.48	1.55	-10.34	-3.79	-1.51	-1.20	-1.06	1.10	0.08	0.27	-0.62	-0.20	0.44	-0.03	-0.19	-0.20
ACT1FORCE_SIN		0.00	13.87	-2.63	-0.20	0.34	-0.21	-2.69	0.93	0.20	0.31	-0.47	0.49	0.21	0.20	-0.24	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.09	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.02	-13.75	-262.40	25.63	8.42	6.76	0.17	0.18	-0.14	0.05	0.14	-0.10	-0.01	-0.07	0.00	-0.04
FA1IBVOLTAGE_SIN		0.00	-70.62	357.64	-3.57	4.06	3.99	25.28	0.05	0.14	-0.01	-0.04	-0.05	0.06	0.01	-0.03	0.06
FA1OBCURRENT_COS		0.02	0.01	-0.09	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.85	13.45	262.71	-25.30	-10.38	-6.69	-0.41	-0.14	-0.14	0.01	-0.13	0.09	0.08	0.05	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	70.85	-359.31	3.45	-4.80	-3.62	-25.30	-0.02	0.15	-0.01	0.08	0.05	-0.06	-0.04	0.04	-0.05
MRBLD1CB42P75_COS		-4275.10	-1720.71	130.69	89.42	-20.76	-96.82	-91.98	-127.26	47.42	68.30	-8.64	-9.75	-16.83	-8.12	-17.73	5.35
MRBLD1CB42P75_SIN		0.00	-158.26	-92.82	46.77	18.79	-58.77	37.24	-166.05	-1.24	42.80	-50.56	32.59	16.37	1.22	-13.59	5.79

RUN	POINT	Harmonics															
45	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2894.17	-1049.45	385.98	24.50	-10.81	-123.53	-94.73	-101.91	32.41	78.37	14.42	-13.03	-4.59	-2.43	-10.14	7.77
MRBLD1CB70_SIN		0.00	-108.69	-71.77	38.24	164.75	-49.36	31.77	-84.19	1.25	38.09	18.47	18.22	7.87	1.46	-16.86	5.45
MRBLD1CB120_COS		-389.28	-418.23	536.58	37.02	-27.07	-58.10	-34.81	-46.86	-47.01	-52.39	-3.38	11.71	14.11	5.21	3.11	1.65
MRBLD1CB120_SIN		0.00	33.86	-157.95	-47.26	128.94	-3.75	23.39	-14.21	-15.95	-32.60	21.15	-6.35	2.26	4.86	-7.40	-5.37
MRBLD1CB164_COS		-1947.01	-116.05	120.88	-20.26	-53.35	-21.90	23.53	22.56	-49.20	-71.87	-9.87	15.50	9.10	3.45	5.80	-4.57
MRBLD1CB164_SIN		0.00	57.63	-35.61	-47.27	52.17	13.50	-4.13	37.36	-34.15	-60.17	-29.30	1.57	6.12	0.12	10.42	-2.35
MRBLD1FB42P75_COS		3163.46	268.21	-358.33	118.18	-249.79	21.58	-98.29	-440.06	-108.74	-105.79	-146.92	56.77	30.12	11.92	-54.89	-2.41
MRBLD1FB42P75_SIN		0.00	21.85	-105.23	77.78	-196.10	101.12	105.89	-246.50	-44.05	-6.84	-114.36	4.11	21.14	2.83	-1.98	-14.05
MRBLD1FB70_COS		408.13	-10.49	-175.29	3.33	-81.10	0.23	-12.99	-66.91	-0.71	2.10	1.61	0.79	-2.67	-3.80	12.14	2.31
MRBLD1FB70_SIN		0.00	-191.62	-14.73	5.25	-69.31	10.95	26.58	-35.16	2.42	7.45	3.91	4.93	4.21	1.10	-0.47	3.88
MRBLD1FB87_COS		-89.70	14.92	-164.09	-39.25	-57.24	-19.38	-3.87	38.26	16.83	19.74	33.44	-10.15	-2.32	-3.01	6.15	-2.53
MRBLD1FB87_SIN		0.00	-180.01	27.21	27.49	-19.24	5.52	-4.41	21.75	2.70	-0.07	24.98	-3.36	-3.52	3.69	0.63	-0.57
MRBLD1FB120_COS		-484.87	25.61	-288.76	-74.70	1.49	-13.37	24.46	96.79	2.16	-3.10	-11.90	2.22	2.89	4.89	-11.95	3.33
MRBLD1FB120_SIN		0.00	-217.70	99.54	65.23	57.69	-5.05	-36.36	49.85	-3.47	-9.96	-12.63	-1.74	-1.51	-5.55	-1.63	1.10
MRBLD1FB164_COS		-188.95	-33.77	-137.31	22.40	200.16	86.05	6.36	-142.07	-6.29	7.53	20.55	-1.62	0.39	-0.53	12.07	3.66
MRBLD1FB164_SIN		0.00	-310.82	-117.51	197.29	136.18	-27.89	29.33	-84.17	-2.19	14.32	21.91	-4.51	-6.63	2.44	2.55	-1.97

RUN	POINT	Harmonics															
45	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-194.43	-54.08	16.87	27.53	147.10	86.17	-4.67	-142.84	3.74	28.35	56.56	-23.32	6.22	12.75	-22.95	-5.84
MRBLD1FB180_SIN		0.00	-226.12	-129.75	117.70	70.11	-21.18	35.55	-63.41	-4.88	-15.33	36.16	-4.19	-7.13	-7.20	-2.39	1.74
MRBLD1TOR51_COS		-1445.46	13.23	345.56	60.85	-43.97	-24.00	0.27	-50.41	1.12	6.94	0.10	-1.85	4.60	1.06	-4.05	0.64
MRBLD1TOR51_SIN		0.00	-170.12	-154.81	158.68	-20.64	-14.00	4.99	-24.09	5.71	1.62	6.67	-5.69	1.22	2.49	-7.74	-5.45
MRBLD1TOR71_COS		-278.29	34.92	312.14	53.07	-30.48	-14.51	8.24	-33.51	1.19	5.07	1.11	-3.07	5.02	3.10	-2.60	-1.44
MRBLD1TOR71_SIN		0.00	-162.50	-147.71	136.26	-17.34	-12.84	5.29	-1.56	10.70	2.84	12.34	-4.52	-0.92	3.29	-3.54	-2.86
MRBLD1TOR130_COS		-31.65	19.49	333.13	54.00	-12.12	-11.39	5.40	-31.53	-0.83	-2.03	-2.00	-0.60	-1.13	-0.74	-0.16	-1.60
MRBLD1TOR130_SIN		0.00	-152.52	-156.73	127.78	2.98	-9.73	8.20	-9.16	6.38	1.56	-3.10	9.52	3.79	1.73	2.21	4.34
MRBLD1TOR164_COS		-232.08	9.79	278.16	37.86	-23.42	-14.66	-7.10	-14.86	4.63	6.18	4.53	-0.66	0.81	4.12	0.47	-1.05
MRBLD1TOR164_SIN		0.00	-87.73	-104.50	57.22	-21.92	-1.53	10.55	5.93	3.44	-1.26	6.49	5.65	1.99	0.45	-0.15	2.96
MRFBM1CB26P5_COS		-4822.10	-745.94	12.63	59.82	13.30	1.41	0.71	-9.38	1.84	-6.34	-8.17	3.49	-0.24	0.52	-2.14	-0.68
MRFBM1CB26P5_SIN		0.00	-154.13	-21.53	9.76	-30.79	-16.40	-1.61	-25.37	-3.49	-3.81	-22.54	1.26	1.19	0.50	-1.64	-1.61
MRFBM1FB9_COS		303.91	79.17	111.43	-5.53	22.89	8.49	9.50	7.65	0.36	0.14	-1.98	-0.06	0.76	0.26	-0.01	-0.37
MRFBM1FB9_SIN		0.00	-43.94	77.05	-40.49	28.91	-5.82	-0.35	25.89	4.13	1.06	4.81	-1.51	-1.12	-0.08	1.54	0.25
MRFBM1TOR26P5_COS		-352.86	88.76	2.11	0.38	-0.61	-0.11	0.17	-0.16	0.10	0.26	0.19	0.01	0.03	-0.04	0.06	0.06
MRFBM1TOR26P5_SIN		0.00	-95.25	-0.73	1.10	0.07	-0.46	0.17	-0.18	0.19	0.11	0.33	-0.22	0.02	0.00	-0.02	-0.07

RUN	POINT	Harmonics															
45	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-735.71	-1551.08	48.76	127.54	-25.87	-52.80	-60.04	-114.02	22.35	21.60	-22.44	3.45	-7.18	-5.04	-16.55	4.46
MRPC1CB33P25_SIN		0.00	-83.88	-91.42	39.04	-49.05	-29.19	32.83	-156.25	-16.57	9.62	-68.02	24.15	15.50	4.38	-16.14	2.80
MRPC1FB33P25_COS		2228.44	194.73	-308.16	81.02	-162.74	-18.53	-115.46	-240.91	-55.87	-67.71	-40.54	37.53	6.44	3.99	-32.58	10.40
MRPC1FB33P25_SIN		0.00	177.72	-137.75	81.53	-208.43	85.63	45.76	-372.39	-86.63	-56.20	-166.25	38.01	36.12	12.16	-49.40	-9.06
MRPC1TOR25P5_COS		-773.77	15.44	-405.03	-66.26	41.68	13.67	-13.58	43.07	-0.42	-4.77	-4.12	-0.62	-5.35	-0.85	-0.98	-2.39
MRPC1TOR25P5_SIN		0.00	228.67	118.14	-159.07	24.64	18.39	-3.05	5.52	-14.12	-1.97	-14.63	13.79	-0.21	-0.50	4.33	9.64
MRPLK1LOAD_COS		-82.00	10.34	-49.90	-7.26	6.46	2.34	-1.41	7.02	0.26	-1.06	-0.64	-0.26	-0.70	-0.18	-0.05	-0.93
MRPLK1LOAD_SIN		0.00	2.82	18.97	-21.83	2.84	2.84	-0.59	2.25	-1.38	-0.58	-2.13	2.07	-0.35	-0.08	0.54	1.77
PITCHRH_COS		5906.17	-8983.98	-193.25	-119.98	-92.63	-970.91	-42.32	-143.04	64.10	34.95	-116.44	4.54	30.40	-11.31	3.91	-434.05
PITCHRH_SIN		0.00	2229.86	-877.66	23.80	-29.72	-454.19	143.69	44.14	-48.54	-1.91	-318.00	-47.70	-3.17	-33.39	-12.37	-83.74
ROLLRH_COS		2347.66	-1861.39	886.09	-5.19	-327.23	575.57	-115.08	-115.80	107.36	59.53	303.24	13.73	-14.64	-68.04	-9.45	47.72
ROLLRH_SIN		0.00	-8543.83	-425.30	-93.53	-53.96	-83.22	-217.85	19.76	47.43	51.64	-220.85	22.49	-7.96	-51.05	31.63	-222.84
TORQ_COS		32314.44	311.95	-30.02	31.29	-68.80	152.34	-8.70	6.06	-22.86	-5.50	46.10	-5.83	3.24	-4.30	-3.51	32.19
TORQ_SIN		0.00	665.99	-15.02	-6.03	-88.33	173.86	1.82	54.31	-10.06	1.13	51.92	9.46	-7.16	9.21	-13.76	-0.42
THRUST_COS		5835.35	-20.32	37.28	3.46	13.56	10.63	3.93	21.58	-3.43	-9.76	35.07	-1.59	-0.41	0.22	1.21	-7.65
THRUST_SIN		0.00	-75.85	-4.04	-0.64	32.28	-45.37	3.19	18.69	2.23	6.37	79.74	5.48	1.62	1.02	-4.87	8.97

RUN	POINT	Harmonics															
45	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.09	25.64	-23.14	-1.50	33.48	-16.16	11.08	3.57	-2.29	-3.60	-15.85	-1.31	0.23	1.79	0.10	-0.84
SIDERH_SIN		0.00	185.70	14.67	3.02	-46.76	-15.51	13.51	-3.42	-0.35	-2.37	5.09	-1.85	0.06	1.64	-1.00	6.49
DRAGRH_COS		-127.05	244.38	15.53	-2.33	-13.17	5.50	-0.67	-10.60	-0.21	0.33	10.48	0.82	-1.68	0.71	-0.83	20.12
DRAGRH_SIN		0.00	-59.59	23.74	0.66	-2.66	-12.07	-36.11	-3.85	2.87	-4.32	21.99	3.01	0.92	1.82	0.03	1.91

RUN	POINT	Harmonics															
45	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	1.48	0.00	0.00	0.00	0.00	0.04	0.01	-0.01	-0.01	0.00	0.02	0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.01	0.00	0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.97	1.04	3.64	-4.97	-4.46	-1.10	-1.12	1.26	0.35	-0.04	-0.26	0.08	0.68	0.51	0.43	-0.01
ACT1FORCE_SIN		0.00	12.50	9.48	4.67	0.12	-1.00	-0.09	-0.29	0.66	0.02	-0.64	0.05	0.00	0.38	-0.05	-0.07
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		369.31	-13.00	251.95	27.38	29.93	10.36	8.22	0.01	0.06	-0.01	0.03	-0.01	0.03	-0.03	-0.02	0.03
FA1IBVOLTAGE_SIN		0.00	-71.93	-132.19	-34.05	3.45	2.59	-5.33	-0.26	-0.07	-0.03	-0.13	-0.01	0.09	0.05	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		436.15	13.23	-252.22	-27.53	-30.39	-10.60	-8.26	-0.03	-0.10	0.01	-0.02	0.01	-0.03	0.03	0.01	-0.03
FA1OBVOLTAGE_SIN		0.00	72.07	133.02	34.27	-3.78	-2.66	5.20	0.19	0.04	0.03	0.13	0.02	-0.07	-0.04	-0.01	0.01
MRBLD1CB42P75_COS		-4373.83	-966.38	12.65	285.14	-88.76	-98.75	-7.09	-151.66	41.05	31.10	55.71	-11.43	-15.83	-14.12	-60.20	-0.82
MRBLD1CB42P75_SIN		0.00	-335.07	-50.92	96.67	179.24	-35.13	29.91	25.54	-58.79	-16.99	-68.29	31.56	7.73	-4.85	10.34	-25.48

RUN	POINT	Harmonics															
45	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2826.97	-596.99	280.95	172.62	-67.81	-107.12	-43.66	-104.94	28.49	22.13	24.26	-0.46	-8.65	-4.72	-47.80	2.69
MRBLD1CB70_SIN		0.00	-167.68	-76.56	143.30	305.74	-60.59	83.80	48.79	-32.21	-11.87	-74.08	15.47	7.06	-2.79	9.18	-22.00
MRBLD1CB120_COS		-438.41	-256.74	396.60	166.80	-32.91	-61.83	-55.50	-50.52	-30.39	4.43	-3.71	9.78	6.92	10.56	1.42	2.94
MRBLD1CB120_SIN		0.00	66.60	-164.70	55.00	302.86	-73.82	96.45	47.32	-0.14	3.21	45.72	-9.21	4.24	6.80	-3.77	-8.22
MRBLD1CB164_COS		-1956.29	-96.96	156.45	32.70	-52.95	-14.97	-20.83	29.36	-32.43	-0.01	-5.91	3.98	8.92	3.00	26.87	-7.86
MRBLD1CB164_SIN		0.00	74.89	-54.53	45.03	125.32	-25.15	25.38	1.23	4.04	-4.69	63.38	-1.15	4.02	5.61	-1.52	17.14
MRBLD1FB42P75_COS		3215.10	86.89	-424.35	573.74	-106.35	-102.88	-22.51	-329.48	-103.98	8.82	114.53	35.44	16.63	1.65	-47.42	-63.79
MRBLD1FB42P75_SIN		0.00	107.94	-8.92	169.92	241.06	81.82	11.84	176.60	-110.23	-92.11	-59.43	36.01	17.28	11.35	113.33	-36.41
MRBLD1FB70_COS		405.43	5.31	-190.02	161.60	-47.57	-26.30	5.79	-45.73	-3.99	4.52	-0.89	-2.44	-1.51	-0.91	11.41	14.33
MRBLD1FB70_SIN		0.00	-197.51	21.40	54.07	58.63	5.19	6.33	40.49	-7.55	1.00	3.29	2.55	0.84	-0.59	-23.45	6.80
MRBLD1FB87_COS		-94.23	32.15	-150.61	51.75	-51.24	-24.71	-4.40	32.99	14.90	2.11	-19.14	-5.75	-1.80	0.58	7.29	7.90
MRBLD1FB87_SIN		0.00	-198.43	47.76	74.18	25.82	-2.05	-5.26	-16.15	10.99	11.31	15.22	-6.94	-2.32	-0.48	-21.99	8.30
MRBLD1FB120_COS		-479.55	26.60	-210.21	2.85	-29.77	7.32	-7.07	67.54	6.16	-10.89	-2.61	1.49	1.72	-0.59	-13.47	-13.06
MRBLD1FB120_SIN		0.00	-251.83	92.06	160.08	17.67	5.18	-20.36	-57.58	14.91	0.52	-9.31	-0.37	-3.02	-2.54	32.12	-12.99
MRBLD1FB164_COS		-195.68	78.84	-456.67	70.93	119.11	61.47	14.71	-100.98	-12.84	11.39	-1.67	-0.70	-0.46	4.70	9.80	4.23
MRBLD1FB164_SIN		0.00	-280.68	103.85	140.61	-16.55	-29.71	14.49	70.96	-29.48	-2.57	16.99	-0.69	-0.25	4.04	-12.82	9.19

RUN	POINT	Harmonics															
45	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.59	4.83	-325.33	34.92	102.90	28.23	-15.40	-89.46	14.08	1.73	-50.02	-1.76	15.41	8.07	-17.60	-14.04
MRBLD1FB180_SIN		0.00	-180.64	70.17	45.06	-3.78	-17.18	9.40	72.87	-27.24	-10.82	29.92	-6.04	-7.54	-10.31	36.25	-14.26
MRBLD1TOR51_COS		-1415.28	68.20	-210.15	106.88	7.50	-24.43	8.18	-34.51	12.79	3.55	-13.71	-0.03	7.29	6.31	-9.10	2.34
MRBLD1TOR51_SIN		0.00	-21.70	-16.48	-27.19	36.20	6.16	13.27	42.87	-1.71	-7.95	-8.37	-4.45	-1.00	2.25	8.07	-4.50
MRBLD1TOR71_COS		-252.59	80.65	-206.22	79.46	18.80	-11.91	11.40	-15.87	10.70	-0.32	-16.14	-0.09	6.56	6.27	-4.58	1.67
MRBLD1TOR71_SIN		0.00	-23.04	-19.39	-45.26	17.63	8.05	14.44	41.32	7.21	-2.93	-4.49	-4.36	-1.44	1.51	2.25	-2.30
MRBLD1TOR130_COS		-7.31	71.48	-186.79	51.11	31.48	-6.40	10.33	-19.50	7.34	3.21	2.58	-2.35	-0.68	-1.31	-0.87	-3.07
MRBLD1TOR130_SIN		0.00	-7.70	-20.13	-58.15	10.43	10.88	15.29	32.26	2.00	0.56	6.88	7.08	2.43	-0.41	-7.51	0.85
MRBLD1TOR164_COS		-213.34	34.54	-74.56	16.33	4.79	-18.16	2.23	-1.94	4.71	1.33	-1.44	0.11	-0.39	0.47	-5.11	-3.69
MRBLD1TOR164_SIN		0.00	14.60	-22.54	-66.23	6.00	7.48	10.84	20.70	3.73	-1.23	4.37	5.62	3.68	-0.94	-6.28	-4.42
MRFBM1CB26P5_COS		-4889.67	-355.66	-34.55	92.32	-0.56	-1.23	8.79	-14.14	1.70	2.58	8.63	-0.84	-0.71	-1.02	-5.11	-1.09
MRFBM1CB26P5_SIN		0.00	-216.18	1.18	-25.65	-20.86	2.12	-15.70	-6.78	-10.11	-1.62	5.78	3.12	0.35	0.24	0.72	-3.99
MRFBM1FB9_COS		334.53	-193.52	155.88	-106.09	29.44	15.94	3.43	19.66	-2.04	-3.04	-4.22	0.78	0.58	0.44	3.37	-1.78
MRFBM1FB9_SIN		0.00	133.95	26.56	-103.62	-28.84	2.75	3.35	4.73	6.23	1.09	-1.18	-1.43	-0.75	0.15	1.16	1.58
MRFBM1TOR26P5_COS		-352.22	90.98	-1.89	0.31	-0.11	0.03	-0.10	-0.02	0.09	-0.03	-0.20	0.06	0.07	0.01	0.20	0.06
MRFBM1TOR26P5_SIN		0.00	-101.86	-0.03	-0.20	0.05	-0.37	0.22	0.07	0.23	-0.02	-0.17	-0.12	0.02	0.09	0.29	0.07

RUN	POINT	Harmonics															
45	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-795.85	-911.90	-76.33	307.33	-67.68	-66.45	3.58	-137.29	19.89	24.88	53.70	-7.43	-7.67	-9.22	-54.02	-1.43
MRPC1CB33P25_SIN		0.00	-299.33	-23.88	25.84	95.47	-10.18	1.48	10.40	-60.68	-20.77	-28.57	26.70	8.37	-0.80	11.20	-27.46
MRPC1FB33P25_COS		2272.60	18.51	-351.38	435.88	-149.11	-109.12	-20.35	-323.80	-26.05	54.30	118.63	1.92	-3.06	-8.19	-131.67	-3.84
MRPC1FB33P25_SIN		0.00	251.54	-84.05	248.02	179.69	34.72	-1.79	2.61	-130.11	-64.22	19.88	49.13	22.61	7.63	23.64	-78.46
MRPC1TOR25P5_COS		-791.68	-53.92	184.21	-103.59	-19.68	12.62	-13.40	20.84	-14.22	-0.34	25.19	-0.85	-11.51	-8.14	-9.70	-6.03
MRPC1TOR25P5_SIN		0.00	71.30	-42.78	56.92	-26.70	-7.83	-13.51	-49.44	-6.50	6.32	8.03	11.98	1.22	-3.09	-18.83	-8.06
MRPLK1LOAD_COS		-86.56	5.25	26.22	-13.00	-2.15	2.43	-1.51	4.33	-1.72	-0.18	3.55	-0.60	-1.45	-1.13	-1.17	-1.23
MRPLK1LOAD_SIN		0.00	-19.46	0.08	5.93	-4.36	-0.06	-2.21	-6.12	-0.33	0.68	1.94	1.52	-0.15	-0.66	-4.50	-1.09
PITCHRH_COS		11191.36	-8917.46	-661.66	74.09	-57.56	-307.44	-119.43	-74.29	52.43	14.35	234.27	-131.60	-14.76	-96.55	-8.30	-450.21
PITCHRH_SIN		0.00	2406.44	-692.79	97.98	-87.07	744.06	-7.34	45.23	-60.91	-62.56	-137.16	-2.64	6.69	70.54	-38.33	61.77
ROLLRH_COS		-1220.14	-2102.83	760.78	-94.88	-208.07	-1405.43	-208.56	22.77	144.81	100.32	235.28	5.06	-52.17	-42.51	21.75	-499.94
ROLLRH_SIN		0.00	-8665.52	-759.89	-8.95	-113.41	-184.70	-256.84	-8.74	99.68	-47.35	68.74	-145.97	37.48	87.12	-56.68	-800.24
TORQ_COS		31169.75	384.87	15.72	-11.81	-59.17	67.27	-2.25	-6.96	-21.28	0.29	-16.93	2.25	7.19	-1.10	-0.66	26.16
TORQ_SIN		0.00	716.46	-21.21	29.66	-42.03	16.54	6.43	41.55	1.30	-7.28	-16.89	3.81	-6.63	8.77	-9.22	-7.43
THRUST_COS		5938.06	-42.13	-10.95	19.94	15.71	44.37	1.98	0.08	-0.63	-3.44	-45.11	2.21	3.96	3.82	8.03	0.81
THRUST_SIN		0.00	-76.50	0.79	19.96	23.63	-25.65	6.94	24.93	-3.94	1.31	4.62	-4.83	-0.51	-0.72	-6.77	43.91

RUN	POINT	Harmonics															
45	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-186.87	41.59	-14.76	-5.70	23.90	65.60	15.20	-2.21	-3.93	-4.74	-7.41	1.14	1.29	1.27	-0.80	15.08
SIDERH_SIN		0.00	193.86	17.47	4.37	-13.31	-71.10	17.23	-0.15	-2.89	1.90	-1.68	6.27	-1.18	-2.91	1.36	22.11
DRAGRH_COS		-90.31	239.70	17.81	-3.26	-2.00	57.70	-1.78	-0.56	-4.40	-4.08	-5.81	7.37	-2.07	4.49	1.10	17.63
DRAGRH_SIN		0.00	-66.41	9.91	-3.27	3.57	105.32	-25.34	-2.92	4.61	2.86	4.52	-5.57	-0.05	-3.13	0.60	-2.49

RUN	POINT	Harmonics															
45	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	2.48	0.00	0.00	0.00	0.00	0.05	0.00	-0.02	-0.03	-0.01	0.02	0.02	0.01	0.01
FLAP1C_SIN		0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.02	-0.01	-0.01	0.01	-0.01	0.02	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.28	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.89	1.43	6.53	-5.09	-4.71	-0.76	-1.44	1.51	0.15	-0.18	-0.50	-0.12	0.69	0.51	0.53	0.17
ACT1FORCE_SIN		0.00	11.86	10.34	5.61	-0.13	-1.33	0.42	-0.49	0.82	-0.08	-0.60	0.12	-0.17	0.39	-0.04	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	-0.03	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.11	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.94	-14.10	356.37	25.57	27.61	7.32	11.93	0.03	-0.01	-0.02	0.04	-0.05	0.06	-0.11	-0.05	-0.01
FA1IBVOLTAGE_SIN		0.00	-64.26	-179.44	-38.69	5.50	3.35	-2.26	-0.27	-0.06	-0.08	-0.23	-0.05	0.13	0.11	0.04	0.04
FA1OBCURRENT_COS		0.02	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.11	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.71	14.45	-356.92	-25.91	-28.38	-7.62	-11.89	-0.03	-0.10	0.01	-0.03	0.06	-0.08	0.11	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	64.46	180.82	38.90	-6.65	-3.57	2.09	0.20	-0.01	0.08	0.21	0.06	-0.09	-0.09	-0.05	-0.05
MRBLD1CB42P75_COS		-4316.09	-1197.24	-23.40	321.92	-93.13	-93.33	0.61	-181.43	54.47	22.97	61.68	9.15	-7.72	-11.76	-64.93	1.43
MRBLD1CB42P75_SIN		0.00	-454.40	-59.41	150.76	241.32	-10.26	26.59	34.72	-68.63	-23.14	-76.40	26.76	10.85	-5.46	3.90	-28.50

RUN	POINT	Harmonics															
45	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2856.67	-738.33	250.20	186.13	-36.31	-104.43	-35.57	-127.53	40.79	9.79	36.97	12.32	-5.77	-6.77	-51.78	3.27
MRBLD1CB70_SIN		0.00	-235.73	-92.79	201.52	390.57	-10.25	81.86	59.51	-40.51	-17.24	-83.69	12.70	10.64	-1.42	5.09	-22.74
MRBLD1CB120_COS		-441.36	-310.87	348.20	176.17	9.44	-70.68	-53.46	-74.58	-30.47	15.33	-3.13	0.67	3.15	9.91	1.61	3.16
MRBLD1CB120_SIN		0.00	47.40	-181.26	112.36	386.48	-28.76	99.70	57.53	-7.23	6.89	50.70	-7.33	3.43	8.91	-3.08	-8.04
MRBLD1CB164_COS		-1962.96	-109.96	159.45	35.51	-36.72	-19.03	-23.11	29.44	-37.07	16.09	-12.79	-2.98	9.08	5.19	28.23	-8.06
MRBLD1CB164_SIN		0.00	66.08	-57.62	82.74	158.27	-5.97	28.02	1.49	4.03	1.25	69.51	-2.27	-0.21	4.43	-0.24	16.93
MRBLD1FB42P75_COS		3195.94	155.01	-457.04	702.85	-121.44	-128.48	-11.79	-394.19	-102.32	29.13	109.93	51.14	29.48	5.26	-64.56	-64.68
MRBLD1FB42P75_SIN		0.00	142.51	23.63	314.67	300.99	44.32	3.33	240.06	-139.15	-114.78	-58.55	19.04	13.58	7.37	115.46	-46.32
MRBLD1FB70_COS		404.13	7.21	-199.02	201.93	-49.35	-29.68	9.02	-56.37	-4.06	5.31	-0.72	-4.05	-3.22	-1.86	14.96	14.20
MRBLD1FB70_SIN		0.00	-197.63	32.93	107.33	79.10	-1.07	5.14	52.53	-10.67	0.27	3.78	3.10	0.89	-0.11	-23.24	9.07
MRBLD1FB87_COS		-92.63	34.97	-147.92	73.19	-52.20	-24.06	-3.45	39.38	14.66	-0.04	-17.28	-9.01	-4.53	-0.01	11.75	8.99
MRBLD1FB87_SIN		0.00	-199.50	54.69	107.49	31.92	-5.22	-5.44	-21.67	14.38	14.77	14.89	-2.86	-1.31	-0.19	-23.49	9.92
MRBLD1FB120_COS		-471.37	28.25	-183.71	16.92	-31.42	12.21	-9.78	85.38	7.70	-13.45	-4.21	4.88	5.60	0.57	-18.47	-14.25
MRBLD1FB120_SIN		0.00	-252.16	97.70	202.30	8.82	8.63	-20.09	-74.26	20.25	2.33	-9.86	-2.83	-3.48	-2.49	34.65	-16.14
MRBLD1FB164_COS		-195.80	101.38	-532.47	94.88	107.77	44.56	13.62	-128.76	-10.64	17.46	3.00	-4.09	-3.84	3.73	13.09	4.88
MRBLD1FB164_SIN		0.00	-254.22	123.47	153.88	-32.03	-23.68	15.11	94.57	-37.35	-5.70	16.44	0.85	-1.07	4.78	-13.73	9.83

RUN	POINT	Harmonics															
45	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-210.11	15.66	-407.65	48.37	97.16	11.06	-18.77	-107.05	24.06	6.71	-46.20	-8.89	13.21	10.37	-24.60	-14.81
MRBLD1FB180_SIN		0.00	-155.10	85.39	38.37	-5.97	-11.19	5.62	94.35	-31.31	-9.49	25.29	-0.15	-7.57	-10.07	37.08	-17.56
MRBLD1TOR51_COS		-1410.72	68.29	-344.78	132.50	12.49	-25.27	4.58	-46.67	15.71	4.25	-13.43	-2.81	6.88	7.12	-11.20	2.73
MRBLD1TOR51_SIN		0.00	12.21	-27.56	-53.15	45.90	9.91	15.18	51.91	-2.46	-7.91	-9.00	-4.44	-2.58	3.25	7.18	-4.01
MRBLD1TOR71_COS		-248.57	82.68	-330.97	99.76	24.15	-12.68	7.32	-23.41	12.08	-0.54	-16.20	-3.65	6.00	6.32	-5.43	2.23
MRBLD1TOR71_SIN		0.00	9.91	-30.35	-76.18	23.16	12.15	16.26	48.54	7.62	-2.25	-4.59	-4.01	-2.59	2.83	1.25	-2.45
MRBLD1TOR130_COS		-2.86	72.91	-310.92	65.60	37.92	-7.41	8.53	-26.61	8.93	4.33	2.34	-2.24	-0.23	-0.97	1.38	-2.85
MRBLD1TOR130_SIN		0.00	27.22	-30.33	-96.71	13.34	15.40	16.34	38.36	0.86	0.75	6.78	7.55	2.56	-0.54	-7.90	0.02
MRBLD1TOR164_COS		-208.21	31.78	-157.24	21.21	10.42	-17.33	4.13	-1.41	5.28	1.13	-0.20	0.28	-0.50	0.55	-3.89	-3.33
MRBLD1TOR164_SIN		0.00	37.68	-32.73	-97.98	10.86	8.57	10.59	24.28	3.99	-1.15	4.26	6.37	4.80	-1.07	-7.04	-5.89
MRFBM1CB26P5_COS		-4854.37	-468.45	-50.63	105.71	-15.11	0.12	7.92	-16.01	1.94	4.24	5.93	0.24	0.12	0.19	-5.58	-0.43
MRFBM1CB26P5_SIN		0.00	-294.33	1.55	-27.56	-23.70	0.37	-16.10	-7.54	-10.73	-1.75	6.81	2.83	0.31	-0.04	0.21	-4.72
MRFBM1FB9_COS		316.13	-83.59	175.18	-124.74	34.41	16.26	3.13	24.51	-3.13	-3.64	-4.64	-0.12	0.36	0.29	3.54	-1.52
MRFBM1FB9_SIN		0.00	154.48	14.81	-149.02	-37.62	5.84	3.40	4.46	6.93	1.20	-0.95	-1.72	-1.04	0.21	1.52	1.66
MRFBM1TOR26P5_COS		-352.15	92.37	-2.83	0.51	-0.07	-0.04	-0.17	-0.12	0.12	-0.08	-0.19	0.07	0.06	0.02	0.17	0.05
MRFBM1TOR26P5_SIN		0.00	-110.17	-0.05	-0.42	0.11	-0.31	0.27	0.10	0.23	-0.03	-0.19	-0.15	-0.01	0.09	0.33	0.14

RUN	POINT	Harmonics															
45	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-753.85	-1116.42	-115.79	348.60	-86.31	-61.93	9.07	-164.03	28.71	24.91	53.19	7.65	-0.55	-5.66	-57.81	1.43
MRPC1CB33P25_SIN		0.00	-390.46	-25.68	59.64	129.56	-5.34	0.40	19.10	-70.83	-24.39	-31.89	22.85	11.16	-1.26	5.56	-30.78
MRPC1FB33P25_COS		2254.17	78.49	-382.02	515.43	-172.22	-119.29	-7.33	-397.71	-11.40	79.82	117.11	24.26	7.96	-2.40	-143.25	5.32
MRPC1FB33P25_SIN		0.00	288.61	-59.87	390.23	226.49	0.31	-6.77	27.77	-150.35	-72.14	16.25	47.97	28.57	8.34	9.75	-85.83
MRPC1TOR25P5_COS		-793.16	-45.99	318.17	-128.41	-25.42	11.68	-8.47	29.44	-16.50	-1.27	25.01	4.62	-10.22	-9.77	-5.77	-4.82
MRPC1TOR25P5_SIN		0.00	30.69	-27.60	93.67	-34.60	-9.63	-15.98	-58.68	-5.74	5.89	7.75	13.41	4.29	-2.99	-20.58	-11.04
MRPLK1LOAD_COS		-87.08	4.48	44.71	-16.65	-3.00	2.66	-0.88	5.91	-2.17	-0.35	3.56	-0.06	-1.27	-1.36	-0.15	-0.97
MRPLK1LOAD_SIN		0.00	-26.18	1.55	10.27	-5.57	-0.56	-2.56	-7.48	-0.28	0.82	2.03	1.75	0.31	-0.66	-4.81	-1.64
PITCHRH_COS		9504.41	-8842.50	-692.37	122.66	-91.92	-375.26	-80.24	-75.35	50.18	5.72	361.73	-120.20	9.72	-105.64	-8.29	-477.87
PITCHRH_SIN		0.00	2319.28	-693.40	97.97	-75.04	835.64	-86.81	44.45	-98.28	-69.63	-96.92	-0.91	17.35	82.17	-30.88	-20.29
ROLLRH_COS		-1576.38	-2105.83	745.32	-95.84	-223.88	-1523.32	-156.80	12.87	57.93	145.23	177.02	-46.83	-14.43	9.07	-3.14	-422.97
ROLLRH_SIN		0.00	-8654.44	-749.13	52.63	-118.31	-180.02	-278.07	-84.60	95.22	-32.18	107.11	-96.29	36.81	80.57	-59.12	-948.71
TORQ_COS		31955.97	363.80	22.09	-13.12	-85.10	35.14	-0.10	-16.37	-18.36	5.16	-5.02	3.06	4.33	-2.92	-3.62	26.74
TORQ_SIN		0.00	709.13	-22.05	30.30	-59.22	-37.60	11.94	54.05	-4.47	-9.38	-24.07	6.89	-6.31	8.16	-13.44	-4.52
THRUST_COS		5878.59	-43.81	-19.07	28.15	23.59	51.86	-0.23	-0.13	0.17	-4.76	-39.26	2.21	2.38	2.04	7.40	-1.36
THRUST_SIN		0.00	-83.62	-1.29	20.59	27.04	-9.48	5.13	34.46	-2.85	1.86	6.24	-4.55	0.56	-1.53	-6.14	46.06

RUN	POINT	Harmonics															
45	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-187.44	49.12	-13.25	-6.20	23.76	59.71	13.85	-0.91	-2.89	-6.58	-4.35	2.38	0.48	-0.12	-0.13	13.09
SIDERH_SIN		0.00	195.11	15.62	6.41	-22.37	-68.39	12.18	2.64	-1.15	2.67	-1.97	5.44	-1.08	-2.73	1.66	26.35
DRAGRH_COS		-107.37	237.48	14.62	-5.89	-2.97	101.66	-12.39	0.80	-5.92	-2.15	-13.36	7.39	-2.06	4.90	0.97	18.18
DRAGRH_SIN		0.00	-66.27	8.74	-4.41	3.11	82.55	-22.32	-4.74	5.00	4.05	0.01	-5.15	-0.11	-2.78	0.29	-1.17

RUN	POINT	Harmonics															
45	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	2.38	0.00	0.00	0.00	0.00	0.04	0.00	-0.03	0.01	0.01	0.01	0.02	0.00	0.01
FLAP1C_SIN		0.00	0.00	-0.71	0.00	0.00	0.00	0.00	-0.02	0.02	0.00	0.02	0.02	-0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.13	0.93	8.64	-4.05	-4.93	-1.25	-0.32	0.98	0.25	-0.56	-0.19	0.11	0.24	0.38	-0.12	0.08
ACT1FORCE_SIN		0.00	12.21	8.29	5.62	0.57	-1.60	1.51	-0.94	0.73	-0.12	0.44	0.30	-0.31	0.04	0.25	0.10
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.10	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.03	-10.51	300.18	18.13	31.07	8.32	5.93	-0.01	-0.06	-0.04	-0.15	-0.06	0.08	-0.03	-0.06	0.04
FA1IBVOLTAGE_SIN		0.00	-65.55	-264.93	-37.40	3.39	5.13	-12.29	-0.21	-0.02	-0.10	-0.09	0.02	-0.03	0.07	-0.02	0.10
FA1OBCURRENT_COS		0.02	0.01	0.06	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.10	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.70	10.95	-300.36	-18.54	-32.44	-8.65	-5.84	0.03	-0.08	0.02	0.14	0.07	-0.04	0.05	0.05	-0.04
FA1OBVOLTAGE_SIN		0.00	65.79	266.56	37.71	-4.14	-5.31	12.05	0.16	0.11	0.11	0.07	-0.02	0.05	-0.06	0.03	-0.10
MRBLD1CB42P75_COS		-4361.00	-1405.44	-60.76	348.31	-91.34	-84.80	15.74	-176.86	43.99	17.66	72.74	8.06	-0.85	-12.71	-60.67	-1.03
MRBLD1CB42P75_SIN		0.00	-173.27	-27.94	124.62	247.13	0.80	4.51	69.13	-68.25	-11.65	-80.19	28.08	9.85	2.66	15.50	-30.77

RUN	POINT	Harmonics															
45	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2829.89	-880.17	213.31	216.71	-43.14	-96.71	-24.82	-115.97	35.18	3.43	39.98	13.16	0.36	-4.19	-44.44	3.68
MRBLD1CB70_SIN		0.00	-58.63	-73.53	188.70	362.24	8.21	61.18	79.54	-44.60	-1.72	-98.62	13.59	10.27	2.28	14.80	-26.56
MRBLD1CB120_COS		-452.86	-378.73	315.13	199.43	-2.19	-68.85	-59.85	-58.31	-23.51	19.08	-3.12	1.66	-0.31	9.71	0.18	4.33
MRBLD1CB120_SIN		0.00	118.81	-160.63	103.39	348.18	-8.55	80.06	66.12	-11.25	-2.40	56.93	-5.73	4.82	4.41	-1.65	-9.36
MRBLD1CB164_COS		-1963.80	-126.57	149.69	53.34	-39.89	-21.46	-29.83	32.90	-29.75	22.72	-11.67	-4.14	2.26	3.03	23.95	-9.63
MRBLD1CB164_SIN		0.00	81.46	-67.02	80.95	149.21	-2.00	26.02	-3.54	5.76	-11.44	84.85	0.52	0.27	3.19	-6.31	19.94
MRBLD1FB42P75_COS		3186.47	227.10	-446.97	766.42	-114.43	-127.25	-29.48	-345.07	-97.75	24.39	151.17	46.01	31.19	3.65	-43.74	-71.89
MRBLD1FB42P75_SIN		0.00	61.43	59.59	222.37	341.04	62.41	-34.24	304.68	-130.05	-132.07	-40.94	23.07	14.01	20.24	129.17	-45.36
MRBLD1FB70_COS		397.76	14.50	-196.77	226.93	-48.92	-28.71	5.89	-47.31	-4.38	4.75	-0.33	-4.14	-4.09	-1.37	9.93	15.74
MRBLD1FB70_SIN		0.00	-202.05	44.99	76.59	90.50	2.41	-5.35	62.55	-9.74	-0.40	3.28	3.61	0.79	-2.13	-25.86	8.84
MRBLD1FB87_COS		-96.09	40.44	-145.21	90.88	-51.86	-24.09	-2.62	36.16	14.62	0.72	-25.59	-7.59	-5.58	-0.69	7.63	11.08
MRBLD1FB87_SIN		0.00	-205.60	58.86	90.27	38.62	-4.46	-4.52	-27.95	13.91	17.66	12.28	-3.11	-0.54	-3.35	-26.81	9.49
MRBLD1FB120_COS		-474.72	33.99	-179.89	45.13	-31.30	11.64	-8.78	70.35	7.50	-13.08	-4.43	3.17	5.92	0.86	-11.53	-17.17
MRBLD1FB120_SIN		0.00	-260.66	89.37	187.50	11.54	3.70	-6.40	-90.04	19.61	4.31	-8.84	-3.96	-4.07	1.54	38.33	-15.37
MRBLD1FB164_COS		-211.79	130.88	-517.13	97.36	108.79	40.33	8.97	-106.63	-11.73	16.39	1.03	-1.01	-4.16	2.97	9.22	5.05
MRBLD1FB164_SIN		0.00	-273.12	202.92	128.18	-55.53	-24.27	6.87	118.43	-34.57	-8.58	13.75	3.31	1.70	1.56	-16.14	11.81

RUN	POINT	Harmonics															
45	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-223.35	37.31	-389.05	37.93	95.73	9.76	-25.09	-87.75	21.87	9.25	-57.42	-2.55	11.94	8.28	-15.47	-17.33
MRBLD1FB180_SIN		0.00	-170.24	159.01	32.39	-24.32	-10.29	-0.75	115.77	-30.24	-6.54	24.82	3.97	-3.11	-6.29	43.04	-18.22
MRBLD1TOR51_COS		-1414.18	92.50	-348.60	111.26	15.25	-25.75	9.52	-43.29	15.74	2.42	-10.55	-1.20	2.95	6.09	-13.01	1.79
MRBLD1TOR51_SIN		0.00	9.96	61.57	-70.48	43.20	14.92	2.25	63.43	-1.19	-6.86	-7.02	-0.35	-0.61	2.02	9.24	-5.50
MRBLD1TOR71_COS		-250.33	107.50	-333.45	76.57	27.07	-13.02	11.42	-20.71	12.50	-1.75	-14.27	-1.68	3.03	5.36	-6.83	1.71
MRBLD1TOR71_SIN		0.00	4.74	52.31	-89.49	19.54	15.50	6.27	55.34	8.43	-1.19	-3.95	-0.71	-0.91	1.92	3.31	-3.35
MRBLD1TOR130_COS		-4.54	96.89	-312.42	37.88	40.10	-7.09	11.07	-23.91	9.72	4.81	4.19	-1.45	0.84	-1.56	2.19	-2.48
MRBLD1TOR130_SIN		0.00	23.39	52.00	-104.77	7.36	17.80	8.25	45.08	1.37	1.17	8.84	7.12	2.56	0.14	-6.48	1.08
MRBLD1TOR164_COS		-206.57	45.78	-157.80	-1.01	10.51	-15.80	5.09	1.05	5.64	1.45	-1.57	0.82	1.63	-0.49	-1.93	-3.53
MRBLD1TOR164_SIN		0.00	37.46	20.95	-98.29	9.13	11.31	5.40	24.46	4.37	-0.06	1.85	4.83	4.49	-0.34	-4.95	-4.86
MRFBM1CB26P5_COS		-4883.61	-580.47	-63.12	101.38	-12.61	2.64	7.86	-18.24	0.73	4.76	8.13	-0.66	-0.01	-1.54	-6.54	-1.17
MRFBM1CB26P5_SIN		0.00	-168.28	12.58	-32.03	-11.90	-1.07	-16.18	-3.89	-9.21	-3.70	11.74	2.42	0.81	0.53	1.17	-4.48
MRFBM1FB9_COS		268.66	-10.53	182.31	-147.76	34.15	16.82	1.55	24.83	-2.89	-3.71	-4.73	0.18	0.33	0.74	3.86	-1.91
MRFBM1FB9_SIN		0.00	21.50	-1.44	-132.92	-41.18	3.97	6.78	0.48	6.80	1.34	-1.90	-1.60	-1.09	0.13	0.96	1.77
MRFBM1TOR26P5_COS		-358.94	79.60	-2.73	0.32	-0.05	-0.18	0.03	-0.17	0.16	-0.11	-0.18	0.08	-0.02	0.08	0.08	0.05
MRFBM1TOR26P5_SIN		0.00	-111.65	0.80	-0.57	0.18	-0.25	0.09	0.28	0.19	-0.02	-0.25	-0.11	-0.02	0.06	0.22	0.10

RUN	POINT	Harmonics															
45	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-796.31	-1285.45	-142.27	360.68	-81.69	-57.75	16.19	-160.72	21.04	23.69	64.64	6.23	2.48	-8.77	-56.06	-1.14
MRPC1CB33P25_SIN		0.00	-132.43	7.52	28.85	151.14	0.81	-18.48	51.36	-68.46	-21.57	-25.37	25.08	10.38	4.80	16.46	-33.01
MRPC1FB33P25_COS		2247.39	154.19	-378.20	584.09	-177.42	-123.05	-11.01	-385.39	-12.16	84.28	135.85	18.94	9.08	-13.61	-140.10	-0.47
MRPC1FB33P25_SIN		0.00	222.39	-28.86	329.04	261.67	17.02	-41.78	97.08	-141.33	-85.62	51.52	47.82	30.48	14.50	37.11	-91.57
MRPC1TOR25P5_COS		-799.41	-72.86	323.37	-99.51	-31.33	14.65	-13.74	26.19	-16.39	1.05	22.71	3.94	-3.53	-10.03	-1.58	-4.66
MRPC1TOR25P5_SIN		0.00	39.20	-107.13	117.00	-28.22	-12.21	-1.69	-67.21	-6.45	5.84	6.64	8.21	2.69	-0.09	-17.06	-8.67
MRPLK1LOAD_COS		-88.25	-2.85	45.08	-12.96	-3.52	2.92	-1.57	5.38	-2.22	0.03	3.20	-0.09	-0.33	-1.44	0.60	-0.75
MRPLK1LOAD_SIN		0.00	-25.23	-10.97	12.90	-5.19	-1.45	-0.65	-9.18	-0.48	0.76	1.74	1.06	0.01	-0.25	-3.94	-1.16
PITCHRH_COS		8318.04	-8882.53	-690.08	112.75	-103.76	-215.02	-10.60	-89.83	52.98	12.60	417.86	-131.81	-15.04	-67.63	-21.31	-467.73
PITCHRH_SIN		0.00	2325.11	-702.37	47.92	-88.16	1144.15	-81.76	31.39	-88.69	-42.00	-192.85	13.38	-9.37	94.74	-58.57	58.22
ROLLRH_COS		936.91	-2114.34	807.98	-64.14	-244.30	-1934.94	-73.65	55.35	79.88	123.25	251.88	-57.43	-16.42	57.80	-22.28	-516.62
ROLLRH_SIN		0.00	-8616.39	-746.77	65.12	-157.13	-247.42	-221.41	-81.09	110.46	-43.92	190.69	-103.52	37.24	71.49	-69.24	-897.92
TORQ_COS		31035.42	336.62	23.10	-5.22	-75.28	8.33	-1.35	-3.55	-15.82	2.69	-14.78	5.69	5.28	-1.71	-1.11	23.25
TORQ_SIN		0.00	684.79	-23.09	28.93	-70.17	-23.13	9.46	46.01	-11.46	-6.98	-36.47	7.21	-4.09	8.10	-14.60	-10.89
THRUST_COS		5751.71	-42.38	-22.52	30.22	21.90	52.29	1.96	6.97	-2.40	-5.40	-47.95	3.97	4.59	0.33	6.15	2.16
THRUST_SIN		0.00	-76.92	4.14	14.49	30.30	-21.35	7.88	28.26	-2.99	-0.52	-9.79	-5.79	2.19	-2.17	-10.15	44.38

RUN	POINT	Harmonics															
45	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.87	44.35	-16.52	-6.30	26.74	94.35	11.50	-2.55	-3.08	-6.07	-6.32	2.95	0.53	-1.79	0.71	15.80
SIDERH_SIN		0.00	188.87	14.81	6.09	-18.51	-71.35	8.08	1.92	-2.41	2.81	-6.28	5.94	-1.24	-2.05	2.01	24.94
DRAGRH_COS		-116.86	238.19	13.19	-6.33	-4.70	57.60	-18.10	1.13	-3.98	-1.78	-17.51	7.96	-2.19	3.26	1.06	17.73
DRAGRH_SIN		0.00	-66.09	11.01	-3.14	5.11	103.87	-18.10	-3.38	6.67	2.58	6.34	-6.55	0.52	-3.27	1.42	-3.40

RUN	POINT	Harmonics															
45	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	1.90	0.00	0.00	0.00	0.00	0.04	0.00	-0.03	0.00	0.00	0.01	0.02	0.00	0.01
FLAP1C_SIN		0.00	0.00	-0.56	0.00	0.00	0.00	0.00	-0.01	0.02	-0.01	0.01	0.01	-0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.10	0.55	7.20	-4.19	-4.64	-1.45	-0.25	1.16	0.16	-0.50	-0.34	0.00	0.35	0.46	0.03	0.06
ACT1FORCE_SIN		0.00	12.59	8.12	5.13	0.68	-1.37	1.06	-0.62	0.66	-0.20	0.32	0.14	-0.24	0.11	0.29	0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.06	-8.57	259.63	19.77	30.37	10.38	2.05	-0.02	0.02	0.02	-0.12	-0.06	0.02	-0.08	-0.06	0.00
FA1IBVOLTAGE_SIN		0.00	-69.75	-228.14	-35.39	1.43	4.14	-10.22	-0.26	-0.04	-0.09	-0.07	0.03	0.00	0.07	0.01	0.05
FA1OBCURRENT_COS		0.02	0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.51	8.88	-259.73	-20.02	-31.35	-10.69	-2.07	0.02	-0.08	-0.02	0.11	0.05	0.00	0.06	0.05	-0.01
FA1OBVOLTAGE_SIN		0.00	69.91	229.43	35.69	-1.78	-4.22	10.00	0.18	0.09	0.09	0.07	-0.02	0.00	-0.09	-0.01	-0.04
MRBLD1CB42P75_COS		-4367.19	-1321.45	-38.24	326.09	-93.24	-91.35	-0.53	-158.73	44.88	27.28	60.82	2.67	-3.52	-12.98	-56.11	3.11
MRBLD1CB42P75_SIN		0.00	-50.91	-21.07	95.09	229.34	-23.20	9.63	15.16	-62.41	-21.63	-64.37	31.01	9.33	1.54	11.72	-30.22

RUN	POINT	Harmonics															
45	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2828.79	-825.63	231.17	205.24	-61.80	-103.92	-41.79	-107.15	36.94	13.23	28.19	9.26	-2.19	-6.19	-44.27	5.16
MRBLD1CB70_SIN		0.00	12.34	-59.73	156.19	341.93	-26.69	72.43	45.79	-39.18	-12.98	-82.99	17.15	9.85	2.50	10.47	-27.31
MRBLD1CB120_COS		-457.31	-360.38	335.68	188.53	-27.73	-75.36	-72.68	-59.60	-20.64	9.98	0.17	4.29	1.27	8.61	-0.64	3.84
MRBLD1CB120_SIN		0.00	143.10	-145.17	76.76	336.46	-35.78	96.36	54.40	-8.89	3.43	50.32	-6.56	5.19	5.39	-3.06	-8.72
MRBLD1CB164_COS		-1961.19	-121.48	146.99	48.37	-49.62	-23.05	-30.43	25.63	-29.87	10.46	-4.60	-0.97	5.05	4.47	24.08	-11.19
MRBLD1CB164_SIN		0.00	90.42	-60.95	60.94	143.19	-13.03	32.24	8.64	3.42	-2.53	76.29	-0.96	1.09	1.84	-3.08	19.95
MRBLD1FB42P75_COS		3175.98	198.55	-432.15	687.89	-102.41	-129.29	-45.38	-361.02	-91.20	25.73	152.89	43.69	29.39	0.67	-51.37	-67.10
MRBLD1FB42P75_SIN		0.00	41.92	40.70	166.79	345.32	62.34	-17.13	184.65	-122.78	-112.30	-32.64	32.41	18.53	22.81	119.14	-47.90
MRBLD1FB70_COS		396.94	11.65	-194.35	200.99	-46.82	-31.36	0.82	-51.28	-3.72	4.12	-0.93	-3.85	-3.36	-0.64	11.44	15.17
MRBLD1FB70_SIN		0.00	-195.97	38.27	54.66	91.67	1.80	0.13	41.97	-9.00	-0.56	2.91	2.11	-0.64	-3.31	-24.37	9.02
MRBLD1FB87_COS		-94.67	39.37	-147.92	76.12	-50.75	-24.80	-2.07	37.49	14.41	0.74	-25.61	-6.95	-4.79	0.16	8.95	9.61
MRBLD1FB87_SIN		0.00	-200.92	53.95	75.45	38.54	-4.49	-5.08	-17.54	12.52	14.96	9.92	-5.17	-1.67	-3.16	-23.60	10.53
MRBLD1FB120_COS		-472.24	37.33	-191.18	31.46	-27.97	12.32	-2.16	76.08	5.79	-12.27	-3.26	2.79	4.93	-0.80	-14.43	-15.64
MRBLD1FB120_SIN		0.00	-257.44	84.61	166.33	10.17	3.75	-13.15	-59.98	18.97	3.44	-7.26	-1.32	-2.25	1.92	35.00	-16.35
MRBLD1FB164_COS		-214.33	120.92	-480.01	82.24	112.92	51.50	3.19	-113.60	-10.55	14.60	-0.43	-0.19	-3.11	3.39	10.27	4.09
MRBLD1FB164_SIN		0.00	-287.09	176.56	130.66	-59.20	-16.71	11.90	73.54	-34.45	-7.65	12.47	1.10	1.25	2.17	-13.71	12.04

RUN	POINT	Harmonics															
45	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-225.87	35.25	-350.29	32.36	96.30	19.06	-28.55	-97.04	20.83	8.19	-55.45	0.78	12.78	4.16	-21.10	-17.00
MRBLD1FB180_SIN		0.00	-184.71	136.64	39.69	-29.61	-10.21	5.16	74.44	-31.83	-9.14	21.59	2.22	-0.95	-4.14	40.09	-18.24
MRBLD1TOR51_COS		-1420.44	90.80	-283.24	103.72	10.69	-24.43	11.37	-43.98	14.45	3.51	-11.32	-1.13	3.49	4.93	-12.92	1.42
MRBLD1TOR51_SIN		0.00	-4.70	49.66	-56.06	40.69	13.10	2.55	41.14	-1.28	-7.63	-7.24	-1.16	-0.48	1.83	7.33	-5.63
MRBLD1TOR71_COS		-254.61	104.42	-273.11	72.11	22.65	-11.72	13.96	-23.57	10.90	-1.15	-14.71	-1.49	3.07	4.53	-6.77	1.20
MRBLD1TOR71_SIN		0.00	-9.99	41.15	-72.78	17.84	14.98	6.35	39.94	7.86	-2.31	-4.79	-1.62	-0.99	1.48	2.47	-3.07
MRBLD1TOR130_COS		-8.32	93.77	-252.17	37.28	35.85	-5.66	12.34	-26.21	8.34	4.23	3.37	-1.83	0.49	-1.22	2.17	-2.23
MRBLD1TOR130_SIN		0.00	6.98	40.24	-84.99	5.45	17.26	9.04	30.57	1.22	0.57	8.91	7.02	2.50	0.29	-5.50	1.33
MRBLD1TOR164_COS		-209.08	45.08	-118.12	1.71	6.72	-15.68	4.83	-2.28	4.87	1.26	-1.52	0.62	0.74	-0.83	-2.53	-2.82
MRBLD1TOR164_SIN		0.00	26.47	15.16	-83.03	8.19	9.13	6.78	20.03	3.96	-0.48	2.11	5.48	4.85	0.07	-4.73	-4.77
MRFBM1CB26P5_COS		-4888.89	-540.57	-53.94	95.21	-5.33	2.01	8.09	-15.25	0.46	4.06	8.81	-1.28	-0.34	-1.85	-5.86	-0.86
MRFBM1CB26P5_SIN		0.00	-104.22	12.20	-31.47	-13.92	-0.95	-17.90	-10.17	-8.86	-2.75	11.23	2.28	0.85	0.31	0.62	-3.94
MRFBM1FB9_COS		250.98	-44.60	172.22	-134.22	33.75	17.19	3.49	20.93	-2.87	-3.50	-4.04	0.55	0.50	0.81	3.71	-1.46
MRFBM1FB9_SIN		0.00	3.59	4.72	-111.09	-40.69	4.82	6.74	5.59	6.29	1.02	-2.12	-1.60	-1.01	0.18	1.26	1.71
MRFBM1TOR26P5_COS		-359.06	79.76	-2.32	0.28	-0.13	-0.15	0.06	-0.16	0.15	-0.07	-0.18	0.08	0.01	0.10	0.07	0.05
MRFBM1TOR26P5_SIN		0.00	-112.12	0.73	-0.47	0.17	-0.28	0.09	0.20	0.16	-0.01	-0.26	-0.11	-0.02	0.07	0.20	0.08

RUN	POINT	Harmonics															
45	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-796.75	-1211.93	-118.54	338.40	-75.38	-62.78	4.72	-146.50	22.12	26.92	58.91	1.69	-0.06	-9.86	-52.66	2.27
MRPC1CB33P25_SIN		0.00	-26.94	9.08	11.38	140.99	-11.70	-15.74	2.16	-62.89	-24.33	-16.25	27.49	10.16	4.08	12.08	-32.18
MRPC1FB33P25_COS		2238.91	129.05	-364.85	530.36	-169.42	-124.71	-29.18	-350.30	-10.48	75.86	130.97	11.14	4.54	-17.19	-136.00	4.60
MRPC1FB33P25_SIN		0.00	202.75	-42.32	268.46	268.14	14.94	-32.32	-2.22	-132.90	-70.90	59.54	52.43	32.70	14.44	24.89	-88.28
MRPC1TOR25P5_COS		-796.02	-73.70	256.34	-93.22	-27.09	13.16	-17.06	29.15	-15.51	-0.03	22.73	2.58	-5.45	-9.14	-1.39	-3.51
MRPC1TOR25P5_SIN		0.00	53.29	-96.13	97.88	-24.61	-12.12	-1.47	-47.62	-5.94	6.57	8.95	9.46	2.70	-0.17	-14.58	-7.43
MRPLK1LOAD_COS		-87.58	-2.46	36.22	-11.93	-2.82	2.68	-1.91	5.62	-2.05	-0.23	3.19	-0.22	-0.73	-1.33	0.50	-0.62
MRPLK1LOAD_SIN		0.00	-23.08	-9.35	10.59	-4.84	-1.25	-0.69	-6.22	-0.44	0.75	1.94	1.27	-0.04	-0.26	-3.43	-0.95
PITCHRH_COS		8820.17	-8891.90	-662.74	81.62	-100.90	-183.63	-53.37	-97.69	96.85	14.35	332.24	-111.08	11.63	-52.01	-19.29	-444.63
PITCHRH_SIN		0.00	2355.44	-719.43	64.85	-97.88	1124.58	-50.13	11.16	-64.69	-62.96	-135.87	2.51	-2.41	79.07	-41.97	28.78
ROLLRH_COS		1338.13	-2159.71	784.12	-58.99	-219.49	-1956.23	-89.53	1.53	86.90	132.84	279.56	-22.80	21.83	23.60	-35.44	-488.74
ROLLRH_SIN		0.00	-8639.78	-740.26	37.89	-162.62	-99.65	-222.94	-104.96	101.44	-19.41	159.69	-95.35	7.96	47.36	-54.89	-826.83
TORQ_COS		31006.31	322.91	17.73	-4.12	-73.55	24.65	-3.54	-7.87	-11.16	0.47	-18.18	5.61	2.32	-0.08	2.44	19.22
TORQ_SIN		0.00	679.58	-27.37	23.74	-54.78	4.44	4.53	55.01	-8.71	-6.87	-33.32	4.97	-4.22	9.01	-12.84	-9.46
THRUST_COS		5704.02	-41.27	-16.99	27.89	22.01	51.04	1.00	7.23	-2.80	-4.68	-51.40	2.57	0.90	2.44	9.89	3.82
THRUST_SIN		0.00	-73.47	3.56	14.47	27.67	-21.43	7.92	34.91	-3.24	-0.61	-14.16	-4.09	-0.32	-1.05	-8.91	46.95

RUN	POINT	Harmonics															
45	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.57	47.66	-16.37	-5.53	22.05	94.24	13.50	-1.05	-3.43	-6.35	-8.12	1.78	-0.84	-0.87	1.01	14.54
SIDERH_SIN		0.00	196.92	15.83	6.96	-18.01	-89.21	14.13	1.92	-3.51	1.12	-4.87	4.78	-0.38	-1.20	1.46	23.19
DRAGRH_COS		-116.49	239.80	15.13	-5.11	-4.08	62.24	-6.00	-1.19	-5.77	-2.83	-10.41	6.55	-0.95	1.54	1.11	16.89
DRAGRH_SIN		0.00	-66.09	11.32	-3.40	6.19	123.32	-23.48	-5.45	5.72	3.53	4.14	-5.71	1.72	-2.02	0.50	-1.82

RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.02	0.02	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	-0.01	0.03	0.01	-0.02	0.00	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.14	2.16	-8.60	-5.08	-2.18	-0.70	0.62	1.19	-0.03	0.20	0.73	0.59	0.13	0.41	0.08	-0.21
ACT1FORCE_SIN		0.00	13.68	5.40	1.67	-0.12	0.36	0.86	-0.24	0.56	0.19	-0.64	0.20	0.27	0.03	0.21	0.22
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.73	-15.94	116.00	33.23	15.97	7.59	-4.65	0.12	0.06	0.07	0.19	0.09	0.01	0.02	-0.03	-0.09
FA1IBVOLTAGE_SIN		0.00	-78.32	254.50	-12.37	0.76	-0.69	-7.23	-0.38	0.10	0.03	-0.04	0.04	0.02	0.03	0.05	-0.03
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.13	16.02	-116.79	-33.32	-15.77	-7.50	4.76	-0.07	-0.12	-0.07	-0.17	-0.10	0.00	-0.02	0.02	0.08
FA1OBVOLTAGE_SIN		0.00	78.54	-254.85	12.29	-0.22	0.64	7.20	0.38	-0.13	-0.03	0.06	-0.04	-0.03	-0.03	-0.06	0.02
MRBLD1CB42P75_COS		-4105.61	-1856.96	65.38	179.77	-59.67	-90.98	-43.08	-230.32	50.84	40.77	40.15	-11.74	-4.46	-8.84	-31.09	-8.68
MRBLD1CB42P75_SIN		0.00	122.74	-107.18	108.17	115.75	-7.39	36.49	-8.55	-45.91	-15.78	-45.43	38.56	7.05	-1.12	6.17	-22.08

RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2755.45	-1160.63	333.39	70.38	-39.01	-78.09	-57.90	-160.26	33.73	37.96	31.44	-3.56	1.10	-3.74	-20.35	-5.74
MRBLD1CB70_SIN		0.00	80.09	-108.09	118.18	266.33	26.40	57.69	29.60	-23.17	-13.39	-24.75	22.73	3.12	-0.90	5.18	-16.85
MRBLD1CB120_COS		-522.75	-474.64	461.43	83.13	-28.18	-10.45	-30.92	-61.18	-38.39	-13.05	1.57	17.99	6.24	8.67	1.64	3.14
MRBLD1CB120_SIN		0.00	121.02	-197.62	31.41	241.05	36.53	48.14	43.06	5.51	2.58	28.44	-12.50	2.02	3.39	-1.49	-6.86
MRBLD1CB164_COS		-1962.30	-133.96	139.26	-6.02	-47.33	1.99	10.85	53.54	-41.08	-21.15	-5.04	14.71	5.43	4.84	14.06	0.07
MRBLD1CB164_SIN		0.00	76.90	-35.13	16.77	94.31	32.04	6.37	14.62	2.41	-5.53	16.80	-8.37	5.80	2.37	-0.03	15.26
MRBLD1FB42P75_COS		3125.77	318.76	-407.98	410.33	-169.72	-49.40	-50.69	-481.39	-81.89	-20.98	30.43	44.75	25.16	12.77	-22.02	-60.06
MRBLD1FB42P75_SIN		0.00	-59.49	-51.34	254.93	-20.00	65.48	53.42	160.25	-89.11	-75.09	-97.22	13.64	-0.08	-0.52	58.32	-24.24
MRBLD1FB70_COS		412.49	1.90	-192.88	98.39	-63.73	-13.99	-1.41	-76.36	-0.17	3.36	0.62	-0.26	-2.43	-3.22	6.16	13.86
MRBLD1FB70_SIN		0.00	-201.70	4.37	79.83	-15.24	5.47	14.59	37.58	-4.75	2.50	2.70	4.05	4.81	1.30	-12.00	6.27
MRBLD1FB87_COS		-79.16	31.38	-162.88	10.39	-54.55	-22.57	-6.54	43.47	11.74	6.91	-3.06	-7.31	-2.13	-1.50	1.49	8.77
MRBLD1FB87_SIN		0.00	-195.37	43.79	82.08	-1.32	1.16	-5.45	-14.65	8.75	9.74	20.61	-5.15	1.46	3.19	-11.22	3.00
MRBLD1FB120_COS		-479.97	37.53	-249.19	-42.60	-15.00	-1.30	7.45	109.15	2.57	-5.71	-5.50	0.20	3.09	2.34	-5.14	-12.16
MRBLD1FB120_SIN		0.00	-237.69	118.56	149.62	34.53	5.14	-23.78	-53.05	6.76	-3.60	-9.10	-0.25	-7.21	-6.11	16.01	-5.91
MRBLD1FB164_COS		-168.81	16.89	-343.18	77.53	144.77	67.56	11.20	-159.82	-5.04	9.58	3.20	-0.16	0.39	0.86	5.83	8.66
MRBLD1FB164_SIN		0.00	-281.79	-77.73	200.04	73.13	-35.58	15.75	67.22	-10.29	4.56	16.47	-6.28	-1.34	4.67	-6.09	0.34

RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.65	-43.10	-209.21	55.88	112.83	44.75	-11.08	-145.54	18.83	16.63	-14.25	-12.09	8.61	13.36	-4.74	-16.83
MRBLD1FB180_SIN		0.00	-182.31	-101.45	86.98	50.76	-14.55	15.64	71.14	-5.34	-6.85	26.64	-9.11	-3.90	-9.81	15.89	-5.18
MRBLD1TOR51_COS		-1407.86	14.54	17.36	129.89	-17.28	-25.23	2.45	-63.40	13.16	6.96	-1.03	3.09	3.31	4.54	-1.81	-1.85
MRBLD1TOR51_SIN		0.00	-83.93	-188.57	66.61	12.34	-1.81	6.88	44.79	7.95	-7.13	-6.80	-4.60	1.31	0.36	3.37	-4.40
MRBLD1TOR71_COS		-258.27	37.32	5.28	108.90	-5.42	-15.07	7.66	-36.14	10.25	3.35	-4.22	2.10	2.78	5.30	-0.74	-1.56
MRBLD1TOR71_SIN		0.00	-85.41	-179.84	41.80	4.92	-2.10	7.81	46.85	14.73	-2.13	-1.94	-4.16	0.29	0.32	1.97	-1.77
MRBLD1TOR130_COS		-27.51	20.80	23.01	92.11	10.03	-11.74	7.38	-36.65	7.10	3.58	3.86	-0.22	0.20	-0.35	-2.24	-1.22
MRBLD1TOR130_SIN		0.00	-70.06	-185.11	24.77	14.17	0.60	9.41	37.04	7.62	-0.30	1.86	7.03	2.91	0.77	-2.13	3.02
MRBLD1TOR164_COS		-217.56	0.97	68.44	50.64	-7.10	-18.85	-3.11	-9.72	6.68	3.63	-1.55	-0.66	2.30	2.58	-2.92	0.01
MRBLD1TOR164_SIN		0.00	-29.63	-129.71	-18.13	-3.51	2.28	8.15	23.56	4.76	-0.39	4.29	4.65	2.35	1.18	-2.07	-2.27
MRFBM1CB26P5_COS		-4743.43	-810.81	-14.84	87.69	-0.74	-8.06	3.22	-22.53	3.12	-0.10	2.41	-0.02	0.66	0.57	-3.72	-0.43
MRFBM1CB26P5_SIN		0.00	-25.89	-25.19	-3.52	-29.83	-13.33	-7.35	-10.82	-8.94	-2.70	-4.46	1.38	0.66	0.56	0.20	-3.85
MRFBM1FB9_COS		301.37	78.77	144.24	-60.53	23.40	11.75	5.47	25.10	-1.86	-2.68	-4.15	0.16	-0.13	0.19	1.58	-1.02
MRFBM1FB9_SIN		0.00	-146.83	62.51	-108.43	2.64	-2.20	0.90	11.52	4.97	1.60	0.54	-1.42	-0.95	-0.21	0.46	1.93
MRFBM1TOR26P5_COS		-352.92	79.70	-0.35	0.67	-0.41	-0.16	0.13	-0.37	0.21	0.06	0.02	0.06	0.01	0.00	0.16	0.02
MRFBM1TOR26P5_SIN		0.00	-103.45	-0.94	0.21	0.35	-0.24	0.21	0.19	0.23	0.07	-0.06	-0.12	0.03	0.05	0.06	0.02

RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1159.05	-1669.05	-22.08	226.48	-53.64	-64.84	-22.37	-202.92	28.87	23.40	31.54	-1.56	0.45	-2.40	-28.26	-7.31
MRPC1CB33P25_SIN		0.00	161.05	-91.15	59.42	27.45	-8.06	20.99	-16.42	-52.88	-19.80	-36.76	30.37	6.36	1.79	6.23	-24.03
MRPC1FB33P25_COS		2286.55	251.75	-344.92	285.67	-139.49	-62.14	-59.36	-436.49	-19.25	25.80	78.27	21.34	18.54	6.90	-66.96	-12.06
MRPC1FB33P25_SIN		0.00	116.34	-98.54	285.66	-45.39	42.50	21.35	-70.90	-107.01	-67.03	-51.52	37.54	16.87	11.27	14.73	-67.87
MRPC1TOR25P5_COS		-757.51	17.15	-61.68	-135.10	11.06	15.44	-11.98	47.72	-14.08	-3.72	6.47	-4.97	-3.17	-5.13	-10.98	-1.49
MRPC1TOR25P5_SIN		0.00	140.18	164.69	-40.87	-5.31	8.58	-3.44	-55.36	-14.97	4.84	6.58	12.84	-0.68	1.32	-5.39	-1.77
MRPLK1LOAD_COS		-84.26	7.43	-4.66	-16.74	2.07	2.88	-1.22	8.42	-1.66	-0.88	0.65	-0.94	-0.56	-0.63	-1.75	-0.23
MRPLK1LOAD_SIN		0.00	-10.51	23.56	-7.57	-1.43	1.06	-0.92	-7.12	-1.87	0.60	1.11	1.77	-0.37	-0.01	-1.57	0.04
PITCHRH_COS		8451.94	-8552.65	-405.77	-24.38	-10.59	-650.21	-164.95	-52.40	62.28	-25.52	59.50	-51.42	16.50	33.32	-15.05	-455.67
PITCHRH_SIN		0.00	2452.49	-806.10	84.93	-30.71	76.49	108.81	161.86	-21.84	-58.10	-159.73	-7.67	6.41	23.61	-8.26	97.02
ROLLRH_COS		4624.39	-2033.14	824.29	-89.54	-98.98	-205.87	-141.70	-17.63	128.19	80.09	259.72	-0.08	-43.25	30.79	-10.41	-411.11
ROLLRH_SIN		0.00	-8112.49	-525.06	-31.06	152.60	-62.09	-51.40	-0.63	9.32	18.91	-93.71	-35.96	-9.14	-94.17	13.60	-543.23
TORQ_COS		31007.99	382.71	5.65	9.13	-49.20	114.97	0.83	30.71	-23.96	0.20	12.52	1.12	4.29	-3.53	-5.40	13.62
TORQ_SIN		0.00	692.86	-8.56	5.08	-101.04	67.90	4.10	30.58	3.87	-4.87	6.18	3.78	-8.52	4.77	-9.24	-11.71
THRUST_COS		5752.05	-69.86	11.85	8.76	7.68	27.87	3.88	24.99	-1.24	-4.88	-19.91	1.16	1.99	-2.68	1.40	5.84
THRUST_SIN		0.00	-50.98	-6.36	8.41	35.51	-31.66	4.75	9.27	3.16	1.49	37.16	-2.71	0.40	1.77	-5.76	39.87

RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-152.43	33.93	-18.95	-1.05	-15.56	13.46	10.84	-2.17	-1.97	-4.36	-11.56	-0.28	1.54	-1.16	0.10	12.20
SIDERH_SIN		0.00	158.83	15.94	1.24	-62.37	-30.90	5.82	-0.98	0.11	-0.36	4.14	1.89	0.21	3.42	-0.65	16.16
DRAGRH_COS		-200.14	221.70	16.68	0.56	-10.58	40.06	-1.66	-5.23	0.33	0.08	4.48	3.69	-1.51	-1.95	0.77	22.24
DRAGRH_SIN		0.00	-59.36	18.27	-0.28	5.93	25.06	-20.59	5.30	4.33	2.64	9.48	-0.59	-0.19	-0.48	-1.10	-4.86

RUN	POINT	Harmonics															
49	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.78	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.00	0.02	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.26	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.92	1.94	-5.84	-5.50	-3.26	-0.22	1.31	0.94	0.11	0.10	-0.27	0.59	0.30	0.34	0.36	-0.15
ACT1FORCE_SIN		0.00	13.36	9.12	2.51	-0.34	-0.11	-0.99	-0.10	0.60	0.10	0.36	-0.06	0.21	-0.06	-0.13	0.19
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.66	-16.39	237.16	36.31	23.14	5.08	-9.76	0.18	0.17	0.08	-0.02	0.12	-0.01	0.03	0.06	-0.08
FA1IBVOLTAGE_SIN		0.00	-79.70	158.39	-19.40	-0.21	1.98	10.14	-0.30	0.17	0.04	0.07	-0.01	0.07	0.04	0.02	-0.06
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.20	16.53	-238.05	-36.46	-22.66	-5.11	9.78	-0.13	-0.15	-0.09	0.04	-0.12	-0.01	-0.02	-0.05	0.09
FA1OBVOLTAGE_SIN		0.00	79.91	-158.28	19.41	0.31	-2.14	-10.32	0.27	-0.08	-0.05	-0.09	-0.01	-0.07	-0.04	-0.02	0.05
MRBLD1CB42P75_COS		-4107.59	-1799.61	46.73	209.49	-67.49	-81.15	-29.13	-193.11	39.01	26.42	15.85	5.70	-7.18	-13.93	-43.13	-3.92
MRBLD1CB42P75_SIN		0.00	103.00	-98.04	110.01	146.13	-1.35	28.89	60.23	-53.82	-6.65	-25.46	31.62	5.91	1.48	13.08	-27.22

RUN	POINT	Harmonics															
49	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.97	-1129.89	312.29	93.69	-47.85	-70.39	-54.08	-120.87	26.86	22.74	25.18	6.99	-3.61	-6.07	-28.80	-3.01
MRBLD1CB70_SIN		0.00	77.88	-107.40	130.23	298.10	20.81	57.79	76.30	-25.67	-2.23	-23.42	16.73	2.51	-0.49	14.41	-25.74
MRBLD1CB120_COS		-526.15	-462.96	435.47	107.72	-32.25	-9.91	-35.72	-29.37	-27.45	5.39	13.86	9.83	8.38	9.87	2.67	4.50
MRBLD1CB120_SIN		0.00	132.80	-202.75	37.39	269.89	17.37	49.46	65.16	9.21	0.85	23.30	-11.33	2.32	1.43	-1.71	-8.37
MRBLD1CB164_COS		-1965.81	-134.98	146.22	2.21	-51.15	3.93	-0.74	56.02	-30.04	-0.52	-1.96	6.29	8.22	5.02	18.08	-3.61
MRBLD1CB164_SIN		0.00	82.79	-37.56	25.85	103.42	23.08	5.36	0.37	7.73	-10.22	20.94	-6.00	5.49	3.49	-4.98	22.37
MRBLD1FB42P75_COS		3132.51	305.39	-411.19	473.98	-177.28	-68.59	-32.38	-345.43	-83.55	-10.75	25.25	48.08	21.04	4.16	-27.47	-66.98
MRBLD1FB42P75_SIN		0.00	-55.50	-41.67	237.04	17.54	66.67	34.25	270.87	-95.05	-85.12	-29.67	3.79	0.80	9.95	82.77	-39.96
MRBLD1FB70_COS		412.88	5.66	-189.91	122.66	-65.38	-16.05	3.33	-50.99	-0.63	4.56	1.01	-1.17	-1.67	-1.91	7.05	15.57
MRBLD1FB70_SIN		0.00	-206.27	7.29	75.93	-5.29	3.63	7.97	54.87	-7.43	1.53	3.66	3.47	3.92	0.01	-17.12	8.77
MRBLD1FB87_COS		-80.09	34.06	-156.87	24.51	-55.83	-21.48	-6.11	32.12	12.29	5.22	-0.73	-8.49	-1.34	0.96	3.37	9.35
MRBLD1FB87_SIN		0.00	-199.49	47.24	85.20	3.44	1.40	-3.37	-24.28	10.10	10.79	5.72	-1.35	0.95	0.22	-15.92	7.31
MRBLD1FB120_COS		-481.17	35.34	-232.02	-34.46	-21.42	-1.26	-1.32	72.59	2.00	-9.42	-9.71	0.21	0.50	-1.34	-8.05	-14.41
MRBLD1FB120_SIN		0.00	-245.19	119.88	162.65	30.45	7.58	-17.08	-78.92	10.49	-2.26	-6.13	-1.24	-6.18	-2.43	22.68	-12.56
MRBLD1FB164_COS		-166.66	37.57	-400.80	84.78	141.07	56.40	19.81	-111.40	-2.44	12.42	6.60	-2.00	2.00	3.87	7.20	7.72
MRBLD1FB164_SIN		0.00	-277.38	-43.86	183.18	61.52	-40.45	6.44	106.88	-17.28	2.21	9.15	-2.92	0.01	3.50	-8.84	5.81

RUN	POINT	Harmonics															
49	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.39	-32.03	-273.91	58.72	112.39	31.17	-8.13	-98.62	22.11	12.59	-15.44	-16.74	9.04	9.25	-7.96	-17.65
MRBLD1FB180_SIN		0.00	-172.99	-71.78	70.27	46.61	-15.96	6.65	105.86	-9.69	-4.66	1.43	-1.40	-2.76	-8.43	24.03	-12.20
MRBLD1TOR51_COS		-1402.11	19.50	-79.29	139.13	-11.82	-22.79	-5.48	-36.95	16.50	7.47	-1.93	-0.46	4.04	3.38	-3.83	0.70
MRBLD1TOR51_SIN		0.00	-58.10	-173.17	32.04	20.39	1.91	5.54	65.44	4.36	-6.22	-4.85	-6.43	0.82	-0.60	3.59	-6.18
MRBLD1TOR71_COS		-253.74	42.46	-84.72	115.26	0.83	-12.19	-0.05	-15.12	13.93	4.07	-3.10	-1.21	3.63	4.39	-1.51	0.39
MRBLD1TOR71_SIN		0.00	-61.51	-165.65	9.09	9.99	1.28	6.93	58.55	11.84	-1.54	-2.14	-5.17	0.36	-0.81	1.16	-2.40
MRBLD1TOR130_COS		-23.48	26.42	-68.65	93.70	16.68	-8.94	1.93	-18.72	9.73	5.78	2.25	0.38	0.73	-0.21	-2.05	-2.12
MRBLD1TOR130_SIN		0.00	-45.16	-169.44	-7.27	16.65	4.01	8.97	48.76	5.41	0.09	5.36	7.52	3.04	1.02	-2.60	3.76
MRBLD1TOR164_COS		-214.79	2.70	5.90	49.55	-3.19	-17.48	-5.22	-0.93	6.79	2.90	0.80	-0.42	2.08	2.20	-4.59	-1.66
MRBLD1TOR164_SIN		0.00	-11.93	-121.51	-38.04	-0.07	4.97	8.71	26.03	5.16	-0.30	2.37	6.04	2.16	1.36	-1.60	-2.98
MRFBM1CB26P5_COS		-4747.62	-776.42	-21.44	91.87	-2.29	-6.19	5.65	-22.70	1.34	1.07	-2.83	0.78	0.93	-0.56	-5.00	0.08
MRFBM1CB26P5_SIN		0.00	-34.47	-20.53	-8.99	-25.70	-8.11	-9.71	-3.86	-10.52	-3.20	0.84	1.43	0.60	0.59	-0.12	-3.68
MRFBM1FB9_COS		313.49	49.48	146.53	-77.00	26.34	13.02	4.01	23.75	-1.95	-2.66	-2.21	-0.24	-0.06	0.49	2.42	-1.42
MRFBM1FB9_SIN		0.00	-135.16	54.15	-111.03	-2.15	-1.40	1.65	1.64	5.21	1.38	-0.21	-1.50	-0.76	0.08	0.50	2.06
MRFBM1TOR26P5_COS		-352.84	79.14	-1.03	0.67	-0.35	-0.11	-0.03	-0.14	0.25	0.03	0.05	0.02	0.01	0.01	0.16	0.03
MRFBM1TOR26P5_SIN		0.00	-103.36	-0.84	0.01	0.41	-0.22	0.12	0.27	0.22	0.05	-0.10	-0.16	0.00	0.05	0.10	-0.01

RUN	POINT	Harmonics															
49	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1158.99	-1624.04	-39.14	252.46	-59.03	-58.29	-10.51	-173.17	19.07	19.53	9.77	9.60	-1.54	-7.86	-39.51	-2.66
MRPC1CB33P25_SIN		0.00	134.98	-79.70	51.78	50.66	-0.71	10.53	43.79	-59.02	-15.75	-13.36	23.99	5.60	3.25	11.94	-29.70
MRPC1FB33P25_COS		2292.12	237.68	-345.35	339.78	-156.00	-77.40	-37.77	-375.02	-18.73	37.50	36.32	30.96	13.86	-5.47	-91.76	-3.02
MRPC1FB33P25_SIN		0.00	118.28	-92.37	284.21	-16.25	37.49	12.76	70.57	-110.92	-68.82	-7.11	33.98	14.58	11.43	26.59	-82.79
MRPC1TOR25P5_COS		-763.30	9.81	40.35	-142.91	2.95	12.87	-1.31	20.91	-18.52	-5.23	4.99	1.57	-5.18	-5.02	-11.56	-3.89
MRPC1TOR25P5_SIN		0.00	112.71	148.07	-2.34	-12.79	3.99	-1.27	-70.94	-10.13	4.29	6.40	15.91	0.19	2.37	-5.34	-1.22
MRPLK1LOAD_COS		-85.15	6.64	8.60	-17.96	1.11	2.55	0.21	4.48	-2.35	-0.95	0.63	-0.16	-0.76	-0.68	-1.80	-0.65
MRPLK1LOAD_SIN		0.00	-14.29	21.53	-2.51	-2.52	0.54	-0.63	-9.55	-1.24	0.45	1.13	2.32	-0.17	0.14	-1.82	0.32
PITCHRH_COS		9067.66	-8511.16	-495.66	3.53	-16.68	-592.76	-93.92	-39.18	40.51	-26.50	130.37	-54.43	19.24	-27.00	-9.09	-383.93
PITCHRH_SIN		0.00	2503.76	-780.63	72.78	-61.91	268.39	115.06	156.87	24.30	-60.51	-167.09	9.38	-14.50	41.03	7.49	173.96
ROLLRH_COS		4340.71	-2026.89	818.54	-124.56	-76.64	-395.51	-155.75	-30.82	80.00	109.75	245.16	-33.38	-23.69	-3.81	-40.71	-486.62
ROLLRH_SIN		0.00	-8142.54	-606.15	0.90	135.69	-176.31	-146.17	-16.17	-4.08	17.73	-45.25	-45.71	-16.20	-40.34	-11.89	-467.18
TORQ_COS		30810.50	417.79	11.61	4.91	-51.91	87.53	-3.85	35.73	-20.48	1.63	23.34	-0.28	0.12	-1.57	-2.23	4.52
TORQ_SIN		0.00	688.52	-8.27	8.86	-125.32	35.29	4.71	27.80	7.01	-2.54	-9.33	4.20	-7.41	6.30	-7.50	-17.31
THRUST_COS		5787.99	-70.13	1.45	11.11	9.31	32.61	7.37	28.48	0.58	-5.79	-9.21	0.83	-0.47	1.21	5.20	12.76
THRUST_SIN		0.00	-52.72	-6.27	10.91	37.68	-29.03	6.00	5.99	0.36	1.48	17.41	-0.60	2.65	0.10	-8.50	41.33

RUN	POINT	Harmonics															
49	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.38	24.09	-18.58	-2.81	-10.81	30.77	14.33	-2.89	-0.52	-5.63	-10.74	1.56	0.77	0.05	0.96	14.37
SIDERH_SIN		0.00	160.32	17.81	1.26	-53.71	-27.93	9.08	-0.46	0.41	-0.11	3.21	2.37	0.85	1.56	0.35	13.69
DRAGRH_COS		-193.77	221.09	15.95	0.89	-8.51	38.52	-11.73	-3.24	-2.06	0.04	-0.83	3.08	-0.10	1.00	-0.12	17.92
DRAGRH_SIN		0.00	-59.82	14.98	-2.03	3.62	34.57	-28.65	5.79	1.92	2.67	8.45	-2.73	0.28	-1.49	-1.91	-8.55

RUN	POINT	Harmonics															
49	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	1.30	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.01	0.02	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.01	0.03	0.01	-0.01	0.00	0.01	0.00	-0.01	-0.01
ACT1DISP_COS		2.65	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.97	1.50	-1.03	-5.25	-3.62	-0.56	-0.18	1.22	-0.19	-0.03	0.92	0.19	0.63	0.42	-0.05	0.19
ACT1FORCE_SIN		0.00	13.15	10.10	3.66	0.09	-0.76	-2.17	0.25	0.59	0.41	0.18	0.06	0.19	0.08	-0.20	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.02	-15.14	288.11	32.17	22.12	8.38	6.58	0.35	0.24	0.09	0.14	0.04	0.03	0.04	0.04	0.11
FA1IBVOLTAGE_SIN		0.00	-79.26	24.96	-28.56	-1.19	3.60	16.16	-0.43	0.02	0.05	-0.01	0.04	0.09	0.05	-0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.85	15.33	-288.80	-32.34	-21.90	-8.52	-6.69	-0.33	-0.14	-0.10	-0.13	-0.04	-0.03	-0.04	-0.05	-0.11
FA1OBVOLTAGE_SIN		0.00	79.44	-24.43	28.65	0.82	-3.73	-16.27	0.37	-0.07	-0.06	0.02	-0.03	-0.10	-0.05	0.00	0.02
MRBLD1CB42P75_COS		-4118.44	-1406.42	-4.70	230.47	-75.16	-78.03	-30.17	-144.53	42.89	38.23	53.50	-6.68	-7.00	-11.55	-43.09	-9.87
MRBLD1CB42P75_SIN		0.00	194.72	-71.14	95.28	191.87	-9.17	22.61	30.68	-52.57	-12.40	-46.52	18.13	6.24	1.58	30.97	-31.84

RUN	POINT	Harmonics															
49	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2724.80	-882.56	277.31	110.65	-58.77	-80.76	-53.74	-92.29	30.00	31.36	31.44	-0.34	-4.01	-7.45	-30.75	-10.50
MRBLD1CB70_SIN		0.00	162.62	-95.95	129.59	345.49	1.74	74.98	47.41	-26.96	-6.66	-53.84	6.61	5.42	-1.03	23.12	-29.83
MRBLD1CB120_COS		-559.69	-372.26	400.65	114.71	-28.57	-37.33	-49.39	-27.38	-27.59	5.32	2.59	12.86	5.65	8.00	0.31	3.47
MRBLD1CB120_SIN		0.00	197.55	-191.93	45.69	337.33	-7.79	87.23	38.28	-2.53	-0.43	33.66	-4.47	2.36	3.04	-4.92	-10.90
MRBLD1CB164_COS		-1975.76	-118.44	148.21	8.04	-51.71	-9.16	-11.12	38.87	-30.36	-1.78	-2.70	7.83	9.14	7.23	19.14	0.73
MRBLD1CB164_SIN		0.00	102.73	-46.07	36.79	132.67	8.85	26.64	-2.95	1.21	-9.03	47.14	3.01	3.90	4.36	-10.71	24.48
MRBLD1FB42P75_COS		3142.76	198.98	-446.71	497.39	-93.04	-69.51	-46.65	-288.28	-85.65	7.45	112.14	39.34	23.37	10.78	0.03	-86.35
MRBLD1FB42P75_SIN		0.00	-54.57	-8.53	225.20	182.04	59.25	23.81	167.99	-117.01	-97.24	-54.60	13.41	5.00	13.14	106.08	-36.96
MRBLD1FB70_COS		417.04	5.80	-203.77	134.26	-42.87	-16.16	-0.04	-41.04	-1.61	5.30	0.43	-2.37	-1.91	-2.44	0.93	19.41
MRBLD1FB70_SIN		0.00	-204.26	20.25	73.03	44.95	0.73	7.37	38.22	-9.44	0.07	2.44	3.14	2.56	-0.66	-22.29	6.99
MRBLD1FB87_COS		-74.66	33.80	-162.46	32.52	-49.33	-22.00	-4.67	27.25	12.71	2.44	-19.01	-6.01	-2.71	-0.91	-2.15	13.06
MRBLD1FB87_SIN		0.00	-205.53	51.34	84.09	20.19	-2.57	-4.70	-16.19	11.02	12.12	12.47	-2.66	-0.11	-1.31	-20.86	7.74
MRBLD1FB120_COS		-470.56	33.36	-224.65	-23.43	-29.02	1.34	3.12	60.72	4.62	-10.69	-4.26	1.66	3.89	1.54	1.20	-20.41
MRBLD1FB120_SIN		0.00	-260.86	114.35	167.65	18.35	10.39	-17.92	-52.38	16.44	1.17	-5.58	-1.01	-4.61	-0.95	31.29	-12.74
MRBLD1FB164_COS		-162.71	62.50	-452.48	70.42	120.05	45.67	10.70	-91.01	-6.66	15.03	-1.29	-0.70	-0.03	2.66	2.51	9.46
MRBLD1FB164_SIN		0.00	-291.41	32.46	164.89	5.98	-28.92	10.07	69.11	-29.98	-3.53	12.88	-0.48	-1.11	2.19	-12.55	7.45

RUN	POINT	Harmonics															
49	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.14	-10.88	-321.46	45.12	99.55	23.39	-16.30	-80.37	21.15	11.74	-44.97	-4.53	14.45	12.38	0.24	-24.68
MRBLD1FB180_SIN		0.00	-182.57	-2.62	57.38	13.29	-14.01	8.66	71.63	-22.97	-8.44	19.53	0.04	-3.56	-7.23	33.38	-13.99
MRBLD1TOR51_COS		-1398.00	40.55	-166.69	122.38	-1.17	-22.18	-13.84	-22.55	15.80	6.84	-5.27	-0.49	5.92	4.79	-4.85	2.73
MRBLD1TOR51_SIN		0.00	-34.50	-107.74	-4.18	34.64	4.86	10.61	45.81	0.64	-6.55	-8.55	-3.04	0.72	1.29	5.63	-8.55
MRBLD1TOR71_COS		-249.22	58.03	-165.36	98.95	9.93	-11.53	-6.86	-6.54	12.91	2.45	-9.03	-0.71	4.96	5.00	-3.39	1.77
MRBLD1TOR71_SIN		0.00	-40.39	-105.10	-24.15	16.93	5.27	11.97	43.80	9.09	-1.54	-5.35	-2.00	0.09	0.71	1.91	-4.98
MRBLD1TOR130_COS		-18.63	45.81	-147.50	75.53	24.11	-7.91	-3.34	-10.73	9.56	5.41	4.58	-0.79	0.29	-0.12	-3.15	-3.75
MRBLD1TOR130_SIN		0.00	-23.29	-107.54	-38.89	13.42	8.35	13.55	34.69	2.90	0.05	5.93	7.75	2.57	0.52	-3.07	2.77
MRBLD1TOR164_COS		-211.30	15.78	-45.03	36.03	2.14	-14.66	-5.23	1.01	6.66	2.17	-2.49	0.81	0.68	1.34	-4.85	-5.27
MRBLD1TOR164_SIN		0.00	6.18	-82.15	-56.45	6.07	5.93	11.47	21.09	4.33	-1.00	2.55	6.20	2.63	0.47	0.94	-3.29
MRFBM1CB26P5_COS		-4755.41	-582.53	-45.32	93.01	-0.97	-2.62	3.84	-15.84	1.43	1.70	5.80	-0.23	0.45	-0.26	-4.71	-0.41
MRFBM1CB26P5_SIN		0.00	16.75	-10.04	-18.25	-27.46	-4.81	-15.06	-4.89	-9.59	-2.82	5.50	1.89	0.46	1.16	2.50	-4.31
MRFBM1FB9_COS		308.30	-93.02	177.81	-83.95	25.40	12.74	5.72	17.92	-2.57	-3.38	-4.21	0.09	0.07	0.69	3.08	-1.32
MRFBM1FB9_SIN		0.00	-98.40	38.43	-109.27	-25.06	0.49	3.70	3.58	6.03	1.26	-1.33	-1.03	-0.74	0.00	-0.25	2.72
MRFBM1TOR26P5_COS		-352.94	78.14	-1.65	0.54	-0.28	-0.12	-0.24	-0.06	0.22	-0.03	-0.08	0.04	0.03	0.04	0.22	0.09
MRFBM1TOR26P5_SIN		0.00	-103.53	-0.50	-0.25	0.44	-0.33	0.16	0.12	0.19	0.03	-0.22	-0.15	0.02	0.07	0.06	0.06

RUN	POINT	Harmonics															
49	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1157.60	-1283.67	-89.41	269.44	-57.87	-52.86	-16.28	-130.82	23.27	28.44	49.25	-1.54	-1.44	-6.16	-39.05	-8.33
MRPC1CB33P25_SIN		0.00	195.27	-45.25	32.93	91.51	-4.50	0.59	16.82	-58.79	-19.46	-18.37	17.92	6.14	4.42	28.61	-35.21
MRPC1FB33P25_COS		2300.40	139.27	-372.31	362.87	-124.40	-76.13	-43.97	-289.48	-10.23	56.27	113.57	19.00	11.33	-3.82	-94.97	-18.22
MRPC1FB33P25_SIN		0.00	114.51	-77.47	280.04	138.22	29.77	-0.20	14.43	-127.72	-69.00	22.95	35.21	19.37	17.23	64.75	-98.54
MRPC1TOR25P5_COS		-765.39	-23.12	136.71	-124.49	-9.04	11.34	9.45	9.09	-17.75	-3.21	13.69	0.75	-8.13	-6.34	-13.71	-11.21
MRPC1TOR25P5_SIN		0.00	87.92	70.75	37.24	-21.99	-1.71	-8.62	-51.54	-7.06	4.96	11.19	10.92	0.23	0.15	-2.73	-3.24
MRPLK1LOAD_COS		-85.64	4.55	20.44	-15.51	-0.73	2.43	1.75	2.72	-2.28	-0.65	1.79	-0.30	-1.24	-0.81	-2.40	-1.80
MRPLK1LOAD_SIN		0.00	-16.99	12.32	2.62	-4.08	0.21	-1.65	-6.52	-0.67	0.56	2.06	1.78	-0.36	-0.18	-1.53	-0.35
PITCHRH_COS		11599.75	-8523.14	-583.42	22.16	-27.81	-221.10	-57.71	-83.14	103.46	-47.43	198.55	-87.83	-3.20	-20.00	-47.48	-417.97
PITCHRH_SIN		0.00	2393.19	-749.80	73.74	-88.34	578.88	-14.56	79.71	-27.47	-118.19	-244.87	40.82	3.62	120.65	-15.84	229.94
ROLLRH_COS		3669.49	-2069.79	765.43	-117.32	-86.90	-1055.30	-158.43	-48.94	95.16	138.78	258.35	-59.61	-32.14	61.40	-28.36	-701.25
ROLLRH_SIN		0.00	-8195.92	-656.88	25.09	93.91	246.05	-152.09	-72.95	73.67	-54.56	4.43	-62.46	-9.67	-12.43	-24.66	-493.61
TORQ_COS		30871.51	388.61	14.46	1.64	-56.88	58.49	-2.50	13.67	-22.91	2.95	-2.22	3.24	1.94	-1.87	-3.47	2.00
TORQ_SIN		0.00	735.18	-6.58	16.88	-90.31	16.48	4.23	27.65	4.02	-4.76	-15.87	1.43	-3.90	4.95	-9.65	-13.64
THRUST_COS		5773.89	-66.23	-7.21	18.47	12.27	30.33	4.03	13.90	-0.99	-5.20	-38.25	3.07	1.83	0.00	2.10	17.69
THRUST_SIN		0.00	-58.41	-3.99	12.28	29.18	-23.87	2.86	12.45	-1.53	4.36	17.29	-6.02	1.64	-2.72	-8.34	43.97

RUN	POINT	Harmonics															
49	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.60	35.20	-17.84	-4.30	0.80	44.01	15.20	-1.06	-2.87	-6.88	-9.88	2.93	1.29	-2.16	0.60	20.63
SIDERH_SIN		0.00	164.82	17.04	4.11	-44.64	-79.51	10.65	1.75	-1.56	3.31	1.37	3.51	0.60	0.85	0.46	14.63
DRAGRH_COS		-174.79	221.48	16.33	-1.08	-4.32	75.58	-13.13	-2.08	-4.30	0.93	-7.06	5.50	-0.76	0.10	1.71	18.84
DRAGRH_SIN		0.00	-60.26	13.58	-2.31	4.43	76.42	-21.01	2.41	6.22	5.92	10.53	-5.18	-1.55	-4.43	-0.45	-10.13

RUN	POINT	Harmonics															
49	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.48	0.00	0.00	0.00	0.00	0.04	0.01	-0.01	-0.02	0.01	0.02	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.01	-0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.23	0.99	3.87	-4.91	-4.24	-1.04	-1.32	1.13	0.24	0.00	-0.26	0.19	0.75	0.34	0.31	0.01
ACT1FORCE_SIN		0.00	12.59	9.81	4.72	0.03	-1.13	0.12	-0.41	0.74	-0.01	-0.84	0.03	-0.13	0.22	-0.15	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.19	-12.83	260.63	26.76	28.74	10.60	11.55	0.10	0.16	-0.03	-0.02	0.01	0.10	0.02	-0.01	0.06
FA1IBVOLTAGE_SIN		0.00	-73.73	-126.12	-34.43	3.75	3.66	-7.38	-0.52	0.01	-0.02	-0.17	0.02	0.04	0.07	0.05	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.67	13.03	-261.01	-26.96	-29.16	-10.82	-11.59	-0.12	-0.23	0.02	0.04	-0.01	-0.11	-0.02	0.01	-0.06
FA1OBVOLTAGE_SIN		0.00	73.87	126.75	34.60	-4.16	-3.76	7.26	0.45	-0.06	0.02	0.15	-0.02	-0.03	-0.06	-0.05	0.02
MRBLD1CB42P75_COS		-4141.37	-1418.70	-23.50	282.88	-53.18	-72.93	-8.57	-146.59	39.55	31.68	6.65	8.09	-3.07	-9.95	-45.61	-5.68
MRBLD1CB42P75_SIN		0.00	23.79	-58.31	96.66	195.85	-7.35	22.72	44.85	-63.55	-12.10	-88.13	18.40	6.05	-1.09	27.93	-34.26

RUN	POINT	Harmonics															
49	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2718.26	-888.17	254.98	163.05	-13.39	-83.07	-32.57	-94.65	31.14	24.71	-4.47	10.11	-1.84	-5.73	-34.10	-6.02
MRBLD1CB70_SIN		0.00	50.82	-89.20	142.43	328.10	15.94	69.81	61.41	-36.76	-5.44	-73.41	6.21	6.12	-1.37	22.91	-32.17
MRBLD1CB120_COS		-552.06	-374.62	372.31	156.20	15.47	-54.94	-37.12	-36.36	-21.44	7.36	25.50	4.74	5.17	9.73	0.97	2.43
MRBLD1CB120_SIN		0.00	141.09	-174.77	55.65	309.08	15.46	81.47	52.00	-0.02	-4.45	50.73	-4.21	4.61	4.01	-2.29	-9.28
MRBLD1CB164_COS		-1973.36	-121.69	149.17	32.52	-31.87	-14.79	-10.81	35.29	-25.71	2.95	22.30	0.85	7.16	6.28	21.06	-0.50
MRBLD1CB164_SIN		0.00	87.88	-55.09	48.12	125.20	13.88	22.04	-2.00	6.26	-14.48	58.94	2.39	4.30	4.99	-10.79	24.69
MRBLD1FB42P75_COS		3166.79	208.24	-440.78	617.59	-91.34	-96.41	-27.98	-286.88	-95.37	-5.55	65.71	47.40	28.66	12.92	0.03	-82.34
MRBLD1FB42P75_SIN		0.00	-14.31	13.86	201.42	185.23	49.83	9.34	203.09	-119.85	-106.66	-89.16	8.55	1.61	6.77	110.99	-37.81
MRBLD1FB70_COS		417.31	6.52	-201.26	178.59	-40.96	-22.78	5.48	-40.19	-3.36	4.41	-1.37	-2.59	-2.39	-2.96	0.96	18.50
MRBLD1FB70_SIN		0.00	-207.08	27.73	66.79	45.99	-1.05	4.31	44.89	-9.86	-0.07	3.48	3.53	2.69	0.42	-22.86	7.17
MRBLD1FB87_COS		-78.57	33.58	-156.86	60.83	-49.86	-24.26	-4.88	28.20	13.70	4.41	-6.68	-7.84	-3.73	-1.09	-1.55	12.51
MRBLD1FB87_SIN		0.00	-206.59	52.66	82.93	22.29	-3.14	-4.39	-18.68	12.66	14.03	20.53	-0.65	1.32	0.43	-21.69	8.76
MRBLD1FB120_COS		-475.90	30.51	-210.86	14.76	-29.16	6.64	-4.70	60.49	5.65	-10.54	-6.39	2.27	3.39	1.50	0.62	-19.62
MRBLD1FB120_SIN		0.00	-255.22	98.04	173.29	21.10	6.40	-17.93	-64.15	16.80	1.08	-9.99	-2.79	-5.77	-3.16	32.06	-13.42
MRBLD1FB164_COS		-164.10	85.63	-466.89	82.99	111.44	46.59	9.79	-90.71	-7.80	14.07	6.63	-2.20	-0.90	3.51	3.14	8.72
MRBLD1FB164_SIN		0.00	-282.23	110.60	155.26	2.13	-12.08	14.46	81.96	-29.99	-5.78	18.50	0.69	0.01	2.53	-13.95	8.61

RUN	POINT	Harmonics															
49	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.88	9.12	-332.79	39.78	95.84	21.10	-16.96	-76.99	20.60	11.58	-21.66	-8.21	13.00	11.75	1.43	-22.33
MRBLD1FB180_SIN		0.00	-179.15	74.23	53.46	9.83	-1.89	11.37	83.18	-26.25	-8.51	35.53	0.95	-3.20	-9.61	34.60	-15.00
MRBLD1TOR51_COS		-1394.09	65.47	-210.07	109.24	5.02	-22.86	8.20	-25.74	14.07	4.39	-10.67	-0.62	6.16	5.33	-5.20	1.82
MRBLD1TOR51_SIN		0.00	-24.75	-17.13	-24.31	28.95	3.54	16.61	50.16	-1.55	-6.95	-6.03	-4.05	-0.94	2.21	8.56	-7.85
MRBLD1TOR71_COS		-246.57	82.19	-205.61	81.57	14.63	-11.57	11.41	-8.87	11.64	0.86	-11.52	-1.13	4.89	5.14	-2.63	1.08
MRBLD1TOR71_SIN		0.00	-29.57	-20.08	-43.25	11.83	4.71	17.53	46.27	7.42	-1.66	-0.89	-2.93	-1.10	1.51	3.37	-4.28
MRBLD1TOR130_COS		-16.60	71.00	-186.40	51.58	27.80	-7.23	10.47	-12.72	8.95	4.52	3.57	0.26	-0.13	-0.99	-2.08	-3.72
MRBLD1TOR130_SIN		0.00	-11.52	-21.56	-57.23	8.54	9.56	16.69	37.35	1.71	-0.26	3.76	7.71	2.30	-0.23	-4.73	2.63
MRBLD1TOR164_COS		-210.44	32.40	-72.14	14.81	5.51	-15.19	3.12	2.01	5.91	2.39	0.93	1.07	0.07	1.44	-4.79	-4.77
MRBLD1TOR164_SIN		0.00	13.12	-24.67	-67.81	2.92	4.96	10.89	21.72	3.53	-0.43	5.52	6.25	3.28	-0.90	-1.54	-3.23
MRFBM1CB26P5_COS		-4773.68	-581.15	-50.10	95.10	-6.83	1.47	4.98	-15.83	0.18	2.03	5.15	0.53	0.68	-0.04	-4.48	-0.72
MRFBM1CB26P5_SIN		0.00	-58.68	-2.34	-24.49	-19.48	-6.53	-13.56	-4.40	-9.98	-3.28	0.18	2.11	0.49	0.75	2.54	-3.95
MRFBM1FB9_COS		336.02	-84.89	176.60	-116.68	23.85	14.72	3.26	18.93	-2.68	-3.26	-4.00	-0.28	-0.03	0.45	3.27	-1.55
MRFBM1FB9_SIN		0.00	-55.93	26.39	-115.05	-25.61	2.60	3.17	1.97	6.44	1.71	0.97	-1.23	-0.93	-0.06	-0.19	2.56
MRFBM1TOR26P5_COS		-352.77	78.48	-1.97	0.43	-0.16	-0.13	0.02	-0.09	0.21	-0.06	-0.17	-0.01	0.05	0.05	0.18	0.10
MRFBM1TOR26P5_SIN		0.00	-102.72	0.08	-0.28	0.27	-0.30	0.33	0.14	0.22	0.05	-0.11	-0.14	0.00	0.09	0.12	0.05

RUN	POINT	Harmonics															
49	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1170.73	-1304.13	-105.72	308.36	-53.52	-48.48	0.12	-134.12	18.44	24.17	19.58	8.65	1.80	-4.44	-40.57	-5.39
MRPC1CB33P25_SIN		0.00	38.83	-27.56	23.94	102.23	-9.27	0.37	28.15	-65.35	-20.90	-51.45	17.84	6.14	2.02	27.18	-35.71
MRPC1FB33P25_COS		2319.97	144.36	-369.83	466.26	-121.43	-94.42	-24.41	-301.28	-15.73	51.51	99.08	28.97	16.74	1.97	-99.45	-14.63
MRPC1FB33P25_SIN		0.00	151.25	-62.64	282.58	139.79	15.69	-6.97	42.28	-134.05	-82.46	-30.69	36.64	21.19	14.38	66.79	-96.24
MRPC1TOR25P5_COS		-767.44	-48.69	180.56	-106.04	-13.93	11.22	-14.02	12.10	-16.01	-0.82	17.75	3.45	-8.70	-6.68	-11.76	-9.92
MRPC1TOR25P5_SIN		0.00	80.17	-25.87	61.06	-17.70	1.22	-16.63	-54.49	-5.30	4.91	2.77	11.70	2.42	-1.46	-8.15	-4.35
MRPLK1LOAD_COS		-86.31	1.09	26.28	-13.35	-1.50	2.48	-1.61	3.21	-2.05	-0.31	2.81	0.02	-1.37	-0.97	-1.79	-1.73
MRPLK1LOAD_SIN		0.00	-18.60	-0.03	5.78	-3.28	0.38	-2.67	-7.08	-0.43	0.44	1.03	1.88	0.02	-0.47	-2.56	-0.42
PITCHRH_COS		11463.02	-8548.27	-616.25	19.15	-62.56	-277.31	-106.45	-95.44	102.71	-38.49	200.49	-52.14	32.04	0.58	-17.69	-405.44
PITCHRH_SIN		0.00	2365.17	-702.09	52.94	-113.39	646.64	42.84	44.74	-25.15	-95.38	-227.45	60.89	-4.77	93.80	-34.66	206.18
ROLLRH_COS		2682.23	-2059.27	740.13	-83.08	-125.08	-1092.55	-172.96	-34.98	107.08	79.21	247.58	-76.44	11.47	41.25	-40.61	-684.84
ROLLRH_SIN		0.00	-8171.64	-671.88	43.48	65.14	27.09	-83.89	-40.83	89.07	-42.22	35.41	-39.58	-13.46	-29.38	-63.20	-594.59
TORQ_COS		30546.49	417.89	18.64	0.70	-62.98	23.24	-3.65	8.47	-14.17	0.83	1.27	0.49	1.77	-2.22	-3.23	1.38
TORQ_SIN		0.00	729.53	-18.99	19.72	-86.08	14.23	3.12	32.38	1.13	-7.12	-5.54	2.42	-8.43	6.10	-7.50	-19.65
THRUST_COS		5852.56	-71.28	-12.74	23.22	12.40	39.32	2.50	12.47	-3.01	-3.31	-25.05	-0.37	-1.11	-1.35	5.93	14.58
THRUST_SIN		0.00	-55.25	3.55	11.41	27.38	-19.61	4.82	19.58	-2.42	2.66	24.19	-6.32	1.08	-1.16	-7.54	51.21

RUN	POINT	Harmonics															
49	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.46	30.08	-16.97	-5.21	12.79	57.65	16.02	-0.80	-3.33	-3.79	-9.31	4.12	-0.44	-1.44	0.91	19.96
SIDERH_SIN		0.00	162.27	15.80	4.88	-49.89	-57.88	8.07	0.36	-2.20	2.61	-0.78	2.42	0.80	1.29	1.71	16.88
DRAGRH_COS		-173.11	221.47	13.99	-1.71	-8.77	56.58	-11.87	-1.99	-2.96	0.26	-7.37	3.20	-0.66	-0.36	0.94	17.09
DRAGRH_SIN		0.00	-60.21	13.11	-2.20	0.29	50.08	-20.72	-0.08	7.41	6.24	11.67	-7.17	1.89	-3.40	0.01	-9.26

RUN	POINT	Harmonics															
49	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.26	0.00	0.00	0.00	0.00	0.03	0.00	-0.02	0.02	0.01	0.00	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	-0.78	0.00	0.00	0.00	0.00	-0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.01	-0.01
ACT1DISP_COS		2.65	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.60	0.42	6.76	-3.51	-4.11	-1.74	0.81	0.68	0.07	-0.62	0.46	0.20	0.09	0.23	0.23	0.14
ACT1FORCE_SIN		0.00	13.08	6.71	4.58	1.00	-0.89	0.79	-0.56	0.43	0.12	0.53	-0.04	-0.21	0.02	0.37	0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	-0.01	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.72	-8.48	169.66	16.25	31.39	12.33	-10.08	-0.05	0.11	-0.08	0.02	0.01	-0.08	-0.01	-0.09	0.08
FA1IBVOLTAGE_SIN		0.00	-76.01	-242.28	-29.41	-2.80	1.47	-9.82	-0.38	0.07	0.08	0.06	0.02	0.01	0.01	0.03	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.16	8.76	-169.49	-16.40	-32.13	-12.57	10.02	0.04	-0.08	0.09	-0.03	-0.01	0.08	0.00	0.10	-0.08
FA1OBVOLTAGE_SIN		0.00	76.17	243.29	29.73	2.95	-1.45	9.63	0.33	0.01	-0.07	-0.04	-0.01	-0.03	-0.01	-0.03	0.02
MRBLD1CB42P75_COS		-4109.11	-1197.49	-17.55	316.69	-64.08	-79.22	-13.00	-130.38	37.82	34.66	18.49	7.68	-1.81	-7.13	-35.59	-4.01
MRBLD1CB42P75_SIN		0.00	-24.79	-16.87	64.81	209.58	2.03	5.79	57.52	-61.68	-11.03	-64.56	26.78	11.55	8.12	34.64	-35.45

RUN	POINT	Harmonics															
49	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2734.87	-752.24	243.90	205.73	-25.93	-78.37	-41.95	-82.53	29.20	26.89	-8.47	11.70	-1.75	-3.54	-25.20	-3.94
MRBLD1CB70_SIN		0.00	25.72	-60.97	123.54	315.44	28.81	66.36	74.40	-37.87	-3.78	-77.16	9.98	9.20	5.27	27.44	-35.89
MRBLD1CB120_COS		-547.83	-326.18	354.55	188.92	3.56	-44.74	-56.58	-31.60	-24.46	4.00	26.13	3.42	3.68	8.71	-0.51	2.98
MRBLD1CB120_SIN		0.00	138.09	-145.05	43.97	300.35	27.47	89.56	63.78	-3.64	-4.82	44.07	-5.39	3.30	1.14	-1.84	-10.22
MRBLD1CB164_COS		-1969.26	-113.74	142.30	54.11	-36.41	-13.11	-16.37	29.19	-28.43	-2.54	28.60	-0.19	6.10	4.91	14.01	-4.66
MRBLD1CB164_SIN		0.00	87.70	-65.10	44.71	130.29	15.41	30.16	-0.02	5.72	-14.80	69.81	3.93	3.24	0.44	-14.00	27.72
MRBLD1FB42P75_COS		3153.96	156.93	-411.15	680.26	-90.72	-115.91	-76.78	-255.98	-103.17	-4.32	142.54	47.08	34.47	19.70	18.08	-84.81
MRBLD1FB42P75_SIN		0.00	12.39	41.17	105.62	286.82	71.64	-13.93	221.46	-107.59	-100.65	-54.42	26.08	6.41	11.61	102.86	-43.28
MRBLD1FB70_COS		416.03	7.34	-189.86	205.23	-42.76	-27.83	-4.98	-33.31	-3.56	4.84	0.32	-1.73	-2.74	-3.48	-2.66	18.78
MRBLD1FB70_SIN		0.00	-205.15	38.42	33.93	75.80	5.70	-0.63	47.68	-9.04	-0.43	3.20	3.02	1.84	-0.51	-21.59	8.30
MRBLD1FB87_COS		-78.45	34.16	-149.41	80.62	-49.51	-25.31	-2.59	26.95	15.22	3.84	-23.28	-8.04	-5.81	-3.55	-5.51	12.96
MRBLD1FB87_SIN		0.00	-208.44	54.67	64.21	35.10	-0.58	-4.41	-21.51	10.14	11.99	12.10	-4.89	-0.31	-1.18	-20.05	9.68
MRBLD1FB120_COS		-477.79	27.77	-205.30	44.53	-25.95	8.74	3.50	48.80	6.38	-11.60	-4.57	1.55	4.72	3.58	6.72	-20.87
MRBLD1FB120_SIN		0.00	-262.15	84.53	154.17	20.72	2.48	-11.80	-68.15	16.93	3.50	-5.81	-1.42	-4.92	-1.53	29.48	-14.99
MRBLD1FB164_COS		-174.11	107.21	-433.39	82.56	121.55	54.51	2.70	-74.58	-11.54	12.41	-0.54	-0.11	-3.12	1.10	-0.59	7.37
MRBLD1FB164_SIN		0.00	-300.29	198.35	125.39	-40.55	-27.65	11.48	85.08	-31.28	-6.08	11.93	0.12	1.24	2.45	-11.87	11.29

RUN	POINT	Harmonics															
49	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-214.66	29.89	-295.92	25.62	99.16	26.69	-30.56	-65.60	15.73	8.23	-51.25	-3.58	11.27	10.57	6.67	-22.45
MRBLD1FB180_SIN		0.00	-197.63	155.22	44.50	-23.20	-17.13	8.55	84.36	-31.34	-11.09	27.22	0.81	-3.12	-9.01	33.44	-16.50
MRBLD1TOR51_COS		-1397.24	94.04	-198.43	80.13	4.10	-23.17	8.93	-22.82	13.48	1.83	-9.53	-0.40	3.44	5.09	-5.07	1.00
MRBLD1TOR51_SIN		0.00	-29.93	87.18	-39.27	26.53	8.70	0.75	57.49	-1.72	-7.33	-7.50	-2.17	0.54	1.72	10.25	-8.04
MRBLD1TOR71_COS		-249.78	106.93	-195.19	50.98	14.46	-11.25	13.19	-7.41	11.37	-1.64	-11.87	-0.87	2.59	4.86	-2.94	0.57
MRBLD1TOR71_SIN		0.00	-33.82	76.95	-54.26	6.82	8.69	4.71	51.33	7.05	-2.11	-4.62	-2.21	-0.16	0.82	4.97	-4.19
MRBLD1TOR130_COS		-19.79	98.25	-174.86	18.10	27.85	-5.29	10.90	-11.16	8.35	3.38	5.25	-0.24	0.79	-0.76	-2.21	-3.07
MRBLD1TOR130_SIN		0.00	-16.67	75.00	-63.46	-1.51	12.12	7.20	40.77	0.93	0.20	7.40	7.43	3.15	0.52	-4.27	2.76
MRBLD1TOR164_COS		-211.31	51.38	-67.22	-11.60	2.08	-15.48	1.62	3.03	6.08	2.13	-1.77	0.81	1.87	1.21	-3.17	-3.69
MRBLD1TOR164_SIN		0.00	11.09	39.04	-65.78	0.47	9.07	5.77	22.20	3.03	-1.02	2.38	5.21	3.41	-0.17	-2.02	-3.63
MRFBM1CB26P5_COS		-4753.71	-474.07	-44.82	90.29	-5.74	-1.79	5.72	-14.29	-0.07	2.05	10.39	-0.55	0.68	-0.26	-4.14	-0.65
MRFBM1CB26P5_SIN		0.00	-72.74	14.13	-32.46	-10.56	-8.56	-17.60	-4.63	-9.19	-3.18	8.58	3.11	1.17	0.74	3.10	-3.74
MRFBM1FB9_COS		314.75	-145.54	164.04	-142.23	28.05	17.20	4.91	18.07	-2.09	-3.15	-3.94	0.09	0.02	0.57	2.71	-1.73
MRFBM1FB9_SIN		0.00	-2.92	2.30	-96.89	-36.27	1.41	6.97	-0.10	6.34	1.48	-1.22	-1.62	-1.19	-0.35	-0.88	2.59
MRFBM1TOR26P5_COS		-353.04	77.86	-1.99	0.22	-0.17	-0.06	0.06	-0.06	0.24	-0.07	-0.21	0.03	0.01	0.05	0.13	0.08
MRFBM1TOR26P5_SIN		0.00	-102.84	0.73	-0.38	-0.01	-0.25	0.18	0.24	0.21	0.05	-0.20	-0.08	-0.01	0.08	0.09	0.05

RUN	POINT	Harmonics															
49	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1143.30	-1109.26	-92.65	326.05	-60.15	-58.12	-7.04	-121.06	16.11	25.44	38.63	6.31	2.85	-2.60	-32.58	-3.79
MRPC1CB33P25_SIN		0.00	-15.34	16.69	-7.72	130.29	-4.68	-18.47	37.49	-62.18	-20.52	-22.30	25.12	10.41	8.36	32.93	-37.30
MRPC1FB33P25_COS		2308.73	94.27	-350.42	535.88	-144.76	-115.41	-55.71	-284.39	-26.57	49.71	134.13	17.70	17.12	2.92	-81.16	-10.55
MRPC1FB33P25_SIN		0.00	173.78	-43.94	216.14	222.39	27.00	-40.64	68.03	-128.57	-76.55	38.31	48.69	28.77	22.33	77.16	-101.09
MRPC1TOR25P5_COS		-762.64	-83.27	168.82	-70.62	-15.09	12.19	-16.06	9.63	-16.25	2.16	17.65	2.64	-5.12	-5.88	-9.58	-7.87
MRPC1TOR25P5_SIN		0.00	86.46	-141.03	75.47	-14.82	-3.70	-0.81	-61.23	-5.59	6.32	8.47	8.94	1.40	0.07	-7.91	-4.43
MRPLK1LOAD_COS		-85.71	-2.44	24.57	-8.83	-1.64	2.46	-1.67	2.74	-2.06	0.07	2.84	-0.26	-0.79	-0.86	-1.52	-1.29
MRPLK1LOAD_SIN		0.00	-17.74	-14.31	7.93	-2.84	-0.37	-0.43	-8.23	-0.43	0.53	1.73	1.32	-0.17	-0.20	-2.35	-0.38
PITCHRH_COS		12514.62	-8533.51	-604.08	20.43	-71.58	-217.22	-48.66	-127.36	56.61	-17.63	212.13	-70.04	6.65	-2.10	-31.61	-316.52
PITCHRH_SIN		0.00	2401.00	-622.67	53.62	-112.13	1030.55	56.01	25.90	11.37	-97.09	-195.70	55.27	-25.15	78.33	-26.44	270.88
ROLLRH_COS		1617.36	-2080.42	712.52	-51.90	-179.55	-1769.31	-82.09	-40.07	84.45	113.67	294.39	-67.97	-4.19	40.73	-41.15	-732.94
ROLLRH_SIN		0.00	-8145.53	-682.73	29.88	55.03	150.81	-140.26	-99.39	67.25	-46.77	49.87	-48.97	-22.72	-28.74	-28.27	-451.62
TORQ_COS		30866.19	431.86	19.25	4.40	-53.13	28.53	-2.82	5.01	-19.24	1.97	-21.11	4.19	1.56	-2.29	-4.52	-4.73
TORQ_SIN		0.00	727.54	-22.24	25.17	-84.57	14.75	4.93	40.99	-1.59	-4.58	-24.41	0.25	-5.73	7.22	-9.19	-22.29
THRUST_COS		5792.92	-68.67	-13.02	25.26	9.48	45.10	1.91	11.98	-2.10	-5.09	-51.48	1.45	1.77	-0.61	-1.66	16.90
THRUST_SIN		0.00	-51.02	10.50	5.55	29.71	-29.12	7.80	24.57	-4.62	-0.29	0.58	-8.23	2.40	-1.07	-8.05	46.05

RUN	POINT	Harmonics															
49	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.13	29.06	-16.51	-2.90	14.31	89.78	10.82	-0.93	-2.40	-5.41	-10.51	3.64	0.24	-1.47	0.92	21.35
SIDERH_SIN		0.00	162.22	15.22	5.93	-54.82	-94.42	10.07	1.42	-2.10	3.45	-0.83	2.89	1.17	1.16	0.57	12.63
DRAGRH_COS		-168.00	221.39	12.41	-3.26	-10.66	35.31	-11.98	-4.04	-2.55	-1.67	-4.78	4.31	1.15	-0.03	0.50	12.68
DRAGRH_SIN		0.00	-59.98	12.70	-0.94	4.76	74.73	-20.68	-1.45	5.12	7.12	9.00	-6.39	1.60	-2.28	0.03	-10.98

RUN	POINT	Harmonics															
49	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.71	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.03	0.00	-0.03	0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.25	0.79	9.30	-2.24	-3.43	-1.44	1.20	0.31	-0.39	-0.02	0.31	0.12	-0.11	0.06	-0.02	-0.04
ACT1FORCE_SIN		0.00	13.33	1.94	3.33	0.74	-0.51	-1.59	-0.34	0.49	0.19	-0.73	0.39	0.23	-0.08	-0.11	0.28
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.58	-11.23	22.08	10.40	28.41	7.85	-9.89	-0.03	0.13	0.02	0.04	-0.01	0.00	-0.08	-0.11	-0.08
FA1IBVOLTAGE_SIN		0.00	-78.59	-290.48	-16.62	-4.76	1.26	13.96	-0.16	0.08	0.02	-0.17	0.09	0.03	0.05	-0.01	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.07	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.29	11.52	-21.43	-10.44	-28.82	-8.07	9.63	0.01	-0.04	0.00	0.00	0.01	-0.01	0.06	0.10	0.08
FA1OBVOLTAGE_SIN		0.00	78.74	291.36	17.06	5.45	-1.21	-14.12	0.07	-0.19	-0.02	0.19	-0.08	0.00	-0.05	0.01	0.04
MRBLD1CB42P75_COS		-4139.18	-1356.74	-44.70	322.11	-57.69	-62.56	-32.23	-112.48	20.33	33.26	48.58	-23.20	-4.83	-5.19	-34.45	-8.92
MRBLD1CB42P75_SIN		0.00	-190.38	-4.88	52.94	205.01	-5.93	4.07	43.01	-74.89	-5.87	-73.83	27.85	2.22	6.93	42.27	-34.40

RUN	POINT	Harmonics															
49	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2717.51	-848.75	224.35	217.24	-22.37	-49.30	-49.90	-68.70	15.14	27.89	10.49	-11.57	-2.43	-2.10	-23.80	-10.10
MRBLD1CB70_SIN		0.00	-84.19	-50.31	119.69	311.07	34.50	53.27	56.12	-45.62	0.58	-68.22	13.52	4.54	5.52	33.17	-34.73
MRBLD1CB120_COS		-545.01	-357.58	348.59	200.90	8.19	-18.13	-47.06	-17.97	-30.92	-1.92	0.55	16.26	4.04	7.49	-2.26	0.61
MRBLD1CB120_SIN		0.00	83.00	-125.58	39.53	289.13	52.12	79.43	45.52	7.33	-15.50	40.72	-8.85	6.81	1.22	-3.43	-9.99
MRBLD1CB164_COS		-1965.81	-118.43	137.85	69.06	-31.35	-3.20	-3.13	30.23	-28.07	-7.81	8.44	14.59	4.54	4.41	16.85	1.12
MRBLD1CB164_SIN		0.00	75.07	-71.05	40.92	126.04	25.50	23.86	-3.37	13.47	-25.21	51.25	0.00	7.50	-0.20	-17.89	27.09
MRBLD1FB42P75_COS		3178.42	202.03	-412.44	711.96	-56.64	-120.19	-99.05	-222.42	-125.89	-24.26	109.52	27.71	25.40	24.36	30.45	-89.74
MRBLD1FB42P75_SIN		0.00	43.60	56.28	64.11	245.60	67.69	16.23	154.30	-92.40	-107.48	-98.05	30.67	-1.68	8.31	108.07	-28.68
MRBLD1FB70_COS		420.54	5.44	-190.30	218.68	-32.86	-26.36	-9.71	-27.64	-7.30	3.67	0.62	-0.82	-2.30	-4.37	-4.77	19.48
MRBLD1FB70_SIN		0.00	-207.42	41.44	19.86	65.89	4.49	6.93	36.46	-6.63	0.60	2.93	3.44	2.85	-0.23	-23.24	5.04
MRBLD1FB87_COS		-76.77	33.62	-147.92	91.85	-44.38	-24.42	-2.49	22.82	18.17	6.60	-18.10	-3.06	-3.78	-4.71	-8.53	13.82
MRBLD1FB87_SIN		0.00	-208.79	52.39	54.28	31.68	-1.15	-4.68	-15.96	8.58	13.73	22.89	-6.73	1.77	0.00	-20.66	7.31
MRBLD1FB120_COS		-482.37	21.11	-211.74	63.47	-25.50	6.76	8.41	40.37	11.76	-7.53	-2.49	-0.95	3.71	6.04	10.52	-22.40
MRBLD1FB120_SIN		0.00	-255.45	72.16	143.82	26.83	-0.09	-18.70	-53.04	12.23	2.40	-9.18	-1.08	-6.87	-2.62	30.08	-11.58
MRBLD1FB164_COS		-173.62	104.00	-396.97	71.21	118.39	57.96	2.59	-60.67	-19.17	6.87	-1.42	2.79	-2.61	-1.18	-3.48	8.51
MRBLD1FB164_SIN		0.00	-304.58	253.50	129.79	-27.75	-4.22	23.87	63.46	-24.66	-4.80	17.12	-1.38	3.03	1.56	-13.53	9.91

RUN	POINT	Harmonics															
49	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.62	35.25	-249.07	8.89	96.02	34.67	-31.48	-57.75	6.84	7.32	-44.38	4.51	15.59	13.55	11.87	-24.10
MRBLD1FB180_SIN		0.00	-208.08	209.62	56.22	-20.16	-3.36	24.97	63.65	-30.28	-8.06	45.30	-4.21	-1.37	-10.59	30.60	-13.39
MRBLD1TOR51_COS		-1398.39	109.15	-146.38	50.11	3.18	-23.85	6.84	-16.33	6.63	1.21	-12.68	3.00	3.93	5.16	-3.21	-2.03
MRBLD1TOR51_SIN		0.00	-47.91	165.69	-31.16	15.82	4.04	1.47	48.05	-0.88	-7.44	-7.12	-1.55	3.04	2.16	11.02	-7.18
MRBLD1TOR71_COS		-250.98	122.99	-145.03	21.58	12.18	-12.46	12.49	-3.81	6.71	-1.65	-15.23	3.00	3.29	4.74	-2.12	-1.17
MRBLD1TOR71_SIN		0.00	-49.10	150.41	-45.38	-1.82	4.70	5.05	44.49	8.05	-2.14	-2.66	-1.84	2.36	1.10	4.71	-3.20
MRBLD1TOR130_COS		-21.98	114.54	-121.67	-12.23	23.47	-6.22	9.68	-7.15	4.41	2.90	4.34	-1.85	0.84	-1.19	-3.79	-1.42
MRBLD1TOR130_SIN		0.00	-33.10	147.93	-51.70	-7.69	8.87	7.33	34.24	1.68	-1.29	4.87	5.33	2.44	0.90	-4.76	3.10
MRBLD1TOR164_COS		-214.51	64.54	-29.32	-32.31	0.35	-14.60	-0.81	3.33	5.60	2.80	-1.81	0.44	2.37	1.77	-4.29	-1.92
MRBLD1TOR164_SIN		0.00	-0.61	89.03	-56.11	-5.85	4.52	6.18	17.80	2.48	-0.33	5.28	3.44	2.13	-0.06	-2.02	-3.91
MRFBM1CB26P5_COS		-4770.87	-548.01	-54.21	86.13	-6.32	-3.90	2.68	-14.00	-0.85	1.38	11.65	-0.66	0.35	0.06	-4.43	-1.18
MRFBM1CB26P5_SIN		0.00	-152.83	19.78	-36.83	-10.31	-12.88	-14.68	-3.82	-10.30	-4.14	1.90	2.31	0.30	0.76	3.60	-3.41
MRFBM1FB9_COS		340.84	-83.56	170.66	-152.90	21.82	16.23	7.39	14.39	-0.83	-2.86	-4.92	0.88	-0.07	0.49	2.94	-1.38
MRFBM1FB9_SIN		0.00	26.47	-3.81	-89.40	-33.55	1.31	6.07	1.43	7.02	1.91	-0.25	-1.00	-0.81	-0.56	-1.23	2.81
MRFBM1TOR26P5_COS		-352.88	78.67	-1.57	0.03	-0.25	-0.04	0.10	-0.07	0.20	-0.04	-0.24	0.09	0.01	0.05	0.20	0.03
MRFBM1TOR26P5_SIN		0.00	-102.21	1.34	-0.23	-0.10	-0.27	0.25	0.21	0.18	0.11	-0.11	-0.03	0.01	0.07	0.11	0.04

RUN	POINT	Harmonics															
49	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1162.59	-1256.09	-115.13	323.52	-52.84	-52.37	-23.97	-103.61	0.97	22.92	54.49	-12.99	0.41	-0.69	-30.97	-9.25
MRPC1CB33P25_SIN		0.00	-157.34	30.69	-21.69	124.73	-14.62	-13.23	25.16	-69.16	-20.30	-41.70	24.91	3.25	7.36	39.37	-35.51
MRPC1FB33P25_COS		2329.47	132.08	-357.31	570.38	-107.90	-116.96	-84.04	-232.40	-50.43	38.69	135.89	-0.26	17.44	8.37	-79.04	-25.67
MRPC1FB33P25_SIN		0.00	206.78	-34.47	187.87	196.78	22.94	-24.27	28.75	-127.84	-91.73	-11.90	39.05	16.47	24.19	90.97	-97.28
MRPC1TOR25P5_COS		-760.72	-94.82	110.09	-35.84	-13.05	13.36	-15.84	5.40	-9.74	3.02	23.70	-5.75	-5.11	-5.62	-13.56	-4.64
MRPC1TOR25P5_SIN		0.00	108.00	-222.37	67.32	-4.08	2.43	-2.04	-52.64	-6.88	4.51	6.30	6.82	-3.42	-0.15	-8.28	-4.13
MRPLK1LOAD_COS		-85.66	-4.77	17.21	-4.51	-1.33	2.58	-1.59	2.04	-1.11	0.22	3.57	-1.29	-0.74	-0.88	-2.37	-0.66
MRPLK1LOAD_SIN		0.00	-15.56	-25.09	6.73	-1.27	0.26	-0.64	-6.96	-0.64	0.23	1.40	0.75	-0.68	-0.25	-2.65	-0.17
PITCHRH_COS		11359.36	-8516.17	-546.75	-12.80	-54.05	-257.94	6.44	-69.11	30.05	-40.67	105.83	-62.00	-8.98	-18.48	-28.42	-383.35
PITCHRH_SIN		0.00	2386.66	-597.18	44.36	-100.59	869.13	0.89	85.94	3.73	-81.92	-250.77	39.30	6.80	74.39	-33.70	316.29
ROLLRH_COS		922.07	-2052.81	678.49	18.11	-158.89	-1473.79	-101.64	-25.22	113.18	98.25	273.11	-56.98	-50.89	38.54	-72.68	-799.45
ROLLRH_SIN		0.00	-8158.07	-659.44	12.63	59.82	377.59	-173.74	-61.11	45.53	-16.43	27.65	-40.81	-4.09	-7.65	-12.88	-425.46
TORQ_COS		30579.98	434.95	21.21	10.73	-24.88	18.16	1.75	21.25	-15.50	1.33	-22.95	2.75	7.93	-1.26	-1.93	-8.71
TORQ_SIN		0.00	687.18	-23.59	23.17	-81.26	43.16	4.69	27.70	11.84	-5.22	-5.16	0.83	-4.67	7.99	-10.16	-22.22
THRUST_COS		5868.50	-66.55	-8.65	20.92	7.40	44.00	1.52	18.01	-1.02	-5.50	-44.93	0.16	5.37	0.11	-2.23	23.05
THRUST_SIN		0.00	-46.39	16.77	-0.12	27.84	-26.60	5.98	11.85	-3.88	-0.73	21.47	-6.51	1.53	-0.45	-10.23	48.70

RUN	POINT	Harmonics															
49	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.59	24.85	-15.73	-1.89	7.90	71.60	8.25	-0.52	-2.31	-4.70	-9.57	3.24	1.95	-1.22	1.90	22.84
SIDERH_SIN		0.00	167.04	14.03	6.48	-50.51	-92.69	7.49	1.29	-0.85	1.89	-1.39	2.41	0.25	0.45	0.26	12.00
DRAGRH_COS		-176.05	221.29	8.84	-4.33	-10.12	32.88	-21.09	-0.01	-0.59	0.02	0.55	3.12	-1.05	0.87	0.42	16.03
DRAGRH_SIN		0.00	-59.56	15.05	0.84	5.37	55.68	-14.95	0.24	4.24	4.65	13.62	-4.76	-0.05	-3.19	0.47	-13.29

RUN	POINT	Harmonics															
49	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.05	0.00	0.00	0.00	0.00	0.03	0.01	-0.01	-0.01	0.01	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	-1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.26	0.19	8.05	-1.43	-3.14	-1.18	-1.02	0.70	-0.08	-0.12	-0.15	0.44	0.02	-0.32	0.20	-0.12
ACT1FORCE_SIN		0.00	13.50	-2.57	1.97	1.65	-0.01	-2.03	0.23	0.64	-0.06	0.23	0.12	0.26	0.21	0.02	0.24
FA1IBCURRENT_COS		-0.01	-0.01	-0.07	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.01	-9.98	-123.05	8.80	23.19	6.70	9.39	0.16	0.07	-0.08	-0.14	0.06	-0.01	-0.05	-0.04	-0.04
FA1IBVOLTAGE_SIN		0.00	-81.98	-269.90	-5.93	-12.86	1.10	17.12	-0.26	0.03	-0.01	-0.05	-0.01	0.03	0.01	-0.02	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.07	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.85	10.20	124.01	-8.68	-22.97	-6.85	-9.67	-0.27	-0.18	0.08	0.15	-0.04	0.02	0.05	0.05	0.05
FA1OBVOLTAGE_SIN		0.00	82.10	270.42	6.33	13.59	-0.97	-17.02	0.21	-0.13	-0.03	0.01	-0.02	-0.05	-0.01	0.01	0.03
MRBLD1CB42P75_COS		-4109.14	-1440.77	-9.57	288.58	-54.75	-63.91	-38.16	-81.52	10.52	33.17	52.50	-20.60	-7.50	0.26	-22.12	-6.36
MRBLD1CB42P75_SIN		0.00	-228.59	12.56	27.94	178.44	-18.27	-2.29	-7.80	-41.33	3.34	-67.93	55.25	8.00	7.39	43.65	-24.56

RUN	POINT	Harmonics															
49	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2737.56	-902.31	246.28	200.97	-32.11	-39.49	-59.78	-47.81	13.98	29.03	14.82	-9.27	-2.82	0.20	-16.27	-7.15
MRBLD1CB70_SIN		0.00	-101.52	-29.45	95.14	286.08	13.81	48.47	13.64	-27.54	5.05	-57.75	30.16	6.46	4.15	31.27	-25.33
MRBLD1CB120_COS		-533.28	-382.02	371.19	186.12	-14.94	1.18	-52.60	-6.78	-17.05	-9.77	-6.26	14.99	7.72	4.62	-4.26	-0.34
MRBLD1CB120_SIN		0.00	86.31	-104.72	17.06	267.39	38.66	75.25	17.68	-3.11	-22.53	43.50	-21.35	5.05	0.72	-4.53	-7.72
MRBLD1CB164_COS		-1961.24	-124.54	130.02	65.83	-45.05	6.99	-7.30	23.21	-19.29	-14.22	2.04	14.91	8.49	5.19	12.82	-0.82
MRBLD1CB164_SIN		0.00	78.41	-71.09	22.28	118.10	19.90	25.26	1.54	-0.05	-29.71	50.89	-8.71	7.90	-0.71	-17.04	19.70
MRBLD1FB42P75_COS		3158.50	225.22	-379.47	634.61	-95.48	-107.39	-103.82	-214.15	-112.67	-37.41	106.49	43.85	29.96	29.01	40.92	-66.67
MRBLD1FB42P75_SIN		0.00	47.91	46.03	-14.41	225.27	83.01	7.63	29.09	-55.90	-88.02	-90.75	47.37	2.88	2.29	87.30	-20.66
MRBLD1FB70_COS		418.84	5.31	-180.51	193.91	-45.51	-24.44	-11.99	-26.06	-4.53	2.59	0.41	-0.81	-2.51	-5.54	-7.61	14.49
MRBLD1FB70_SIN		0.00	-209.77	36.23	-14.41	58.15	6.09	4.03	11.73	-2.20	2.06	3.07	3.02	2.86	0.71	-19.06	3.64
MRBLD1FB87_COS		-77.60	32.97	-147.22	79.87	-48.75	-23.47	-2.25	21.40	17.09	8.99	-16.76	-6.33	-4.31	-5.83	-11.07	9.57
MRBLD1FB87_SIN		0.00	-212.43	47.93	30.34	30.90	1.05	-3.00	-4.83	3.19	11.20	22.13	-10.77	0.68	1.60	-16.05	5.31
MRBLD1FB120_COS		-485.72	24.69	-223.55	62.26	-18.91	4.85	10.47	36.39	6.24	-6.87	-2.76	-0.06	4.41	7.88	13.91	-16.53
MRBLD1FB120_SIN		0.00	-263.63	63.98	109.46	34.03	-4.63	-13.68	-18.07	6.51	0.64	-10.46	1.12	-6.04	-4.84	22.78	-8.76
MRBLD1FB164_COS		-178.42	106.89	-323.97	54.36	148.39	64.61	6.66	-55.79	-14.61	5.58	-1.41	2.63	-0.92	-1.30	-4.73	6.24
MRBLD1FB164_SIN		0.00	-334.06	264.36	118.79	-28.02	-9.16	15.23	12.70	-16.44	-1.07	18.16	-4.95	2.67	2.26	-11.57	6.71

RUN	POINT	Harmonics															
49	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-214.29	46.96	-169.83	-1.67	113.46	45.46	-24.70	-60.84	4.58	7.66	-41.30	-0.98	15.77	11.36	12.05	-20.47
MRBLD1FB180_SIN		0.00	-236.51	220.60	63.31	-31.22	-12.34	19.28	17.63	-30.04	-7.17	47.01	-15.06	-6.46	-11.93	24.62	-7.32
MRBLD1TOR51_COS		-1404.07	117.01	-50.21	22.02	-6.01	-24.48	11.30	-10.70	6.17	0.64	-12.27	2.50	5.90	3.83	-1.29	-0.63
MRBLD1TOR51_SIN		0.00	-72.12	203.57	-8.87	7.16	1.02	-2.20	21.00	1.09	-6.21	-1.57	-4.47	2.90	2.18	8.47	-6.66
MRBLD1TOR71_COS		-256.50	131.34	-55.44	-2.42	4.35	-13.62	16.94	-1.14	6.81	-1.74	-14.81	2.46	4.82	3.44	-0.92	-0.95
MRBLD1TOR71_SIN		0.00	-72.12	185.74	-21.33	-8.38	1.38	1.96	24.26	7.81	-1.96	1.32	-5.87	1.67	1.38	3.80	-2.90
MRBLD1TOR130_COS		-26.87	122.50	-31.07	-32.00	17.64	-7.48	13.20	-4.15	4.04	1.46	4.27	-2.53	0.68	-0.87	-3.85	-2.69
MRBLD1TOR130_SIN		0.00	-58.45	182.45	-23.29	-12.62	5.09	5.06	16.49	3.22	-1.36	6.58	6.61	2.50	1.42	-2.75	3.65
MRBLD1TOR164_COS		-217.56	70.86	30.40	-42.14	-7.64	-15.50	-0.17	2.01	5.44	3.03	-0.62	-0.43	1.81	2.86	-3.87	-3.72
MRBLD1TOR164_SIN		0.00	-16.73	113.95	-32.85	-10.01	3.26	6.15	10.30	1.37	-0.78	4.89	3.52	1.57	-0.08	-0.30	-1.70
MRFBM1CB26P5_COS		-4752.36	-587.71	-38.75	73.46	2.51	-7.99	3.99	-11.49	-3.04	0.50	11.06	-0.39	0.30	0.88	-3.08	-0.87
MRFBM1CB26P5_SIN		0.00	-174.86	26.01	-33.67	-11.36	-12.58	-15.49	-6.41	-5.53	-2.98	0.18	3.57	0.84	1.33	4.02	-2.59
MRFBM1FB9_COS		323.30	-45.41	149.52	-140.81	25.17	15.33	7.39	8.91	-0.04	-2.15	-4.77	1.34	0.05	0.19	2.30	-0.93
MRFBM1FB9_SIN		0.00	39.43	-3.37	-63.70	-28.52	-0.49	7.04	6.25	5.43	1.70	-0.58	-2.12	-1.02	-0.64	-1.54	2.03
MRFBM1TOR26P5_COS		-352.95	78.88	-0.96	-0.07	-0.38	0.02	0.15	-0.02	0.19	0.04	-0.21	0.11	0.06	0.02	0.17	0.09
MRFBM1TOR26P5_SIN		0.00	-102.33	1.62	-0.04	-0.18	-0.30	0.18	0.07	0.17	0.14	-0.01	-0.05	0.04	0.04	0.02	-0.01

RUN	POINT	Harmonics															
49	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1136.84	-1331.34	-74.44	286.35	-46.16	-56.51	-28.08	-78.32	-5.71	20.71	54.79	-10.41	-0.65	3.92	-19.84	-7.06
MRPC1CB33P25_SIN		0.00	-189.59	42.29	-34.85	105.31	-18.30	-17.81	-17.72	-40.42	-13.98	-39.29	43.10	8.16	8.48	39.83	-25.76
MRPC1FB33P25_COS		2312.21	152.65	-333.75	522.30	-136.39	-110.19	-86.06	-176.83	-56.58	19.15	129.32	0.37	17.61	16.04	-54.82	-20.28
MRPC1FB33P25_SIN		0.00	213.92	-39.26	110.50	171.64	38.03	-31.06	-65.59	-94.51	-84.21	-7.79	61.63	23.07	25.31	88.57	-70.78
MRPC1TOR25P5_COS		-756.09	-100.04	6.10	-5.13	-5.83	14.26	-21.17	1.92	-9.44	2.59	23.32	-5.81	-7.65	-3.28	-12.35	-7.65
MRPC1TOR25P5_SIN		0.00	134.08	-261.35	39.35	4.99	4.89	2.01	-27.83	-6.77	3.48	0.13	13.07	-3.20	0.47	-2.60	-0.68
MRPLK1LOAD_COS		-84.76	-5.98	4.12	-0.61	0.02	2.55	-2.31	1.40	-1.11	0.12	3.35	-1.40	-1.15	-0.64	-2.25	-1.38
MRPLK1LOAD_SIN		0.00	-12.41	-30.11	3.36	-0.11	0.64	-0.10	-3.16	-0.79	-0.07	0.37	1.40	-0.74	-0.07	-1.49	0.42
PITCHRH_COS		10615.09	-8506.21	-483.94	-59.54	-15.69	-239.00	-0.12	-62.65	86.96	-43.87	60.09	-57.60	-2.16	23.97	0.84	-273.55
PITCHRH_SIN		0.00	2423.80	-544.91	49.91	-88.87	831.04	-12.43	79.27	63.08	-72.89	-142.93	39.71	-6.23	61.73	-8.92	354.99
ROLLRH_COS		635.43	-2046.42	666.81	30.01	-136.58	-1477.44	-113.35	-39.60	70.15	119.28	272.61	-65.58	-13.48	-1.74	-60.88	-744.05
ROLLRH_SIN		0.00	-8106.89	-600.34	19.76	84.75	370.05	-185.38	-36.72	71.32	6.20	26.77	-33.70	-25.69	-26.85	-31.75	-253.58
TORQ_COS		30899.61	428.44	14.89	18.27	-43.60	42.05	-3.25	21.46	-2.11	-2.03	-19.59	0.08	4.33	-3.65	-3.80	-6.65
TORQ_SIN		0.00	663.53	-36.28	20.41	-70.93	60.98	5.61	22.23	-8.42	-9.51	3.33	0.90	-8.76	6.50	-7.38	-18.35
THRUST_COS		5818.20	-63.41	-2.34	18.84	10.16	38.73	1.08	20.81	-3.61	-7.15	-43.29	-0.06	0.88	-2.05	0.34	23.29
THRUST_SIN		0.00	-45.71	24.47	-1.29	28.76	-33.90	6.88	6.89	-3.27	0.32	16.12	-3.84	1.21	-0.64	-9.71	37.93

RUN	POINT	Harmonics															
49	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.60	23.03	-17.10	-2.92	-4.36	77.58	6.41	-0.28	-0.85	-5.87	-10.04	3.70	0.55	0.00	1.33	21.02
SIDERH_SIN		0.00	165.83	12.33	6.17	-49.35	-104.15	7.67	1.52	-2.03	0.98	-1.82	1.98	0.90	0.99	0.94	6.87
DRAGRH_COS		-186.87	221.90	7.55	-5.14	-7.83	21.10	-21.80	-1.11	-2.68	1.12	4.75	2.88	0.33	-1.27	-0.86	11.72
DRAGRH_SIN		0.00	-58.87	16.43	0.77	7.52	75.76	-13.61	-1.59	3.55	2.29	7.36	-4.39	0.43	-1.94	-0.52	-15.14

RUN	POINT	Harmonics															
49	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.78	0.00	0.00	0.00	0.00	0.04	0.01	-0.01	0.01	0.01	0.01	-0.01	-0.02	0.00
FLAP1C_SIN		0.00	0.00	-1.26	0.00	0.00	0.00	0.00	0.00	0.03	0.01	-0.03	0.00	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.97	-0.15	5.17	-1.50	-2.79	-0.38	-1.34	0.94	0.04	-0.54	0.77	0.25	0.27	-0.07	-0.34	0.02
ACT1FORCE_SIN		0.00	13.89	-6.03	1.37	1.41	-0.09	0.27	0.21	0.76	0.15	-0.60	-0.03	0.28	0.10	-0.13	0.19
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.03	-9.27	-237.16	12.12	20.66	3.78	10.83	0.21	0.13	-0.10	0.09	-0.03	0.02	-0.08	-0.12	-0.01
FA1IBVOLTAGE_SIN		0.00	-87.02	-180.35	-5.06	-11.32	3.26	-2.38	-0.30	0.15	0.14	-0.09	-0.01	0.06	0.02	-0.07	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.84	9.36	238.01	-11.91	-20.11	-3.83	-10.91	-0.27	-0.17	0.07	-0.10	0.02	-0.04	0.08	0.12	0.02
FA1OBVOLTAGE_SIN		0.00	87.14	180.57	5.33	11.48	-3.16	2.56	0.34	-0.08	-0.13	0.10	-0.02	-0.05	-0.03	0.06	0.01
MRBLD1CB42P75_COS		-4091.14	-1536.67	1.12	263.12	-36.29	-49.56	-49.80	-84.70	23.65	32.94	84.67	-26.49	-15.06	-0.65	-15.36	-6.11
MRBLD1CB42P75_SIN		0.00	-215.60	6.28	19.57	146.65	-23.75	2.59	-13.90	-32.02	8.05	-83.16	62.27	11.50	7.45	43.21	-20.45

RUN	POINT	Harmonics															
49	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2747.30	-960.34	251.43	179.86	-9.16	-9.32	-56.46	-57.52	23.88	33.80	32.07	-14.07	-8.13	0.07	-14.02	-3.86
MRBLD1CB70_SIN		0.00	-112.79	-28.81	78.32	258.57	14.74	54.67	5.91	-19.99	8.68	-65.64	34.64	8.58	6.37	26.71	-21.43
MRBLD1CB120_COS		-530.34	-406.09	379.72	168.99	-1.82	34.18	-39.43	-19.35	-27.31	-17.15	-22.70	18.12	10.72	4.84	-5.52	0.93
MRBLD1CB120_SIN		0.00	57.49	-97.88	2.38	245.94	49.69	84.10	9.98	-0.33	-21.32	45.72	-23.75	2.96	1.77	-5.62	-7.01
MRBLD1CB164_COS		-1959.42	-127.80	118.60	58.01	-39.23	20.72	5.85	20.25	-30.93	-24.14	-9.26	17.56	11.96	5.80	11.37	-3.55
MRBLD1CB164_SIN		0.00	68.88	-67.22	10.35	105.57	24.96	30.00	0.04	-3.53	-31.96	52.15	-10.73	6.32	-1.88	-14.01	15.17
MRBLD1FB42P75_COS		3146.35	247.17	-365.42	602.83	-116.27	-106.53	-125.58	-236.11	-113.13	-56.34	115.12	47.68	25.99	29.42	48.07	-56.38
MRBLD1FB42P75_SIN		0.00	47.63	37.57	-12.69	175.26	83.07	21.50	20.81	-35.27	-63.84	-126.84	55.46	10.82	3.99	74.89	-19.07
MRBLD1FB70_COS		420.32	2.59	-176.07	182.49	-49.56	-23.71	-16.84	-29.89	-2.65	1.84	0.72	-0.22	-2.02	-5.47	-9.05	12.65
MRBLD1FB70_SIN		0.00	-203.31	30.95	-15.10	43.35	6.51	8.01	9.50	-0.15	3.68	1.06	2.63	2.48	0.21	-17.50	3.21
MRBLD1FB87_COS		-75.40	28.48	-148.50	72.21	-48.46	-24.28	-1.30	22.61	17.01	12.16	-20.33	-7.77	-3.25	-6.19	-13.14	7.58
MRBLD1FB87_SIN		0.00	-203.77	43.73	27.09	24.84	2.11	-3.00	-3.55	0.55	7.84	31.52	-12.89	-0.98	1.93	-12.93	4.92
MRBLD1FB120_COS		-483.19	26.06	-232.89	56.55	-13.73	2.25	18.30	41.75	4.92	-5.61	0.19	1.31	4.04	9.60	17.84	-12.54
MRBLD1FB120_SIN		0.00	-247.31	61.38	98.98	35.92	-6.02	-20.03	-16.26	1.78	-2.58	-11.94	2.33	-4.37	-4.47	20.08	-7.01
MRBLD1FB164_COS		-178.34	89.62	-257.07	53.91	160.87	74.86	-7.28	-64.10	-15.66	3.53	-4.46	0.52	-0.22	-2.16	-6.16	6.45
MRBLD1FB164_SIN		0.00	-333.10	232.19	137.81	-5.95	1.95	19.61	9.78	-9.90	2.66	22.16	-7.92	-0.54	1.08	-11.11	3.73

RUN	POINT	Harmonics															
49	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.59	40.07	-99.31	0.91	119.76	59.55	-31.96	-71.96	0.33	8.87	-48.25	-3.90	15.94	13.72	13.89	-19.09
MRBLD1FB180_SIN		0.00	-243.86	190.76	81.22	-20.79	-9.28	23.40	15.61	-27.55	-11.85	61.95	-19.28	-8.79	-10.36	24.36	-4.56
MRBLD1TOR51_COS		-1408.70	109.52	46.35	15.69	-13.65	-24.41	11.51	-15.27	8.41	-1.74	-12.40	3.65	7.26	2.97	-2.84	0.06
MRBLD1TOR51_SIN		0.00	-97.76	190.09	23.52	-0.99	-0.97	0.00	17.47	4.48	-3.58	-5.01	-5.41	2.45	2.82	5.71	-7.77
MRBLD1TOR71_COS		-259.83	125.02	35.52	-6.73	-3.24	-14.25	18.18	-4.59	8.53	-2.98	-16.46	3.24	6.55	3.53	-3.20	-0.77
MRBLD1TOR71_SIN		0.00	-95.51	173.08	9.80	-13.49	-0.69	3.56	21.79	10.11	0.00	-0.49	-6.65	0.91	1.96	3.04	-3.92
MRBLD1TOR130_COS		-30.04	115.85	60.58	-33.13	11.32	-7.92	14.13	-6.92	4.70	-0.84	5.39	-3.27	0.38	0.15	-4.39	-2.92
MRBLD1TOR130_SIN		0.00	-83.15	168.33	7.29	-14.12	3.37	5.89	14.25	5.45	0.70	4.20	7.25	2.02	1.00	-0.68	4.06
MRBLD1TOR164_COS		-220.24	68.59	92.26	-40.97	-11.56	-15.75	1.26	0.16	6.60	4.30	-3.00	-0.76	0.95	3.64	-2.53	-3.99
MRBLD1TOR164_SIN		0.00	-36.09	105.83	-13.41	-13.77	0.97	6.49	9.48	1.05	-0.72	5.96	4.41	1.66	0.30	2.71	-0.05
MRFBM1CB26P5_COS		-4739.70	-638.49	-33.25	70.02	3.81	-10.89	0.14	-9.53	-2.41	-1.16	14.21	-0.49	0.15	0.72	-1.75	-1.36
MRFBM1CB26P5_SIN		0.00	-170.73	23.62	-31.20	-15.63	-15.93	-15.42	-5.52	-5.21	-2.83	-1.61	3.98	0.84	0.77	4.97	-2.23
MRFBM1FB9_COS		304.50	-1.83	144.07	-133.10	25.06	14.85	9.21	9.77	0.49	-1.35	-6.23	1.62	0.50	0.36	1.95	-1.01
MRFBM1FB9_SIN		0.00	23.78	1.13	-59.77	-21.23	-1.29	6.40	7.90	4.65	1.69	-0.45	-2.25	-1.03	-0.78	-1.56	1.56
MRFBM1TOR26P5_COS		-353.01	79.36	-0.26	-0.07	-0.45	0.03	0.13	-0.03	0.25	0.04	-0.22	0.16	0.07	-0.02	0.19	0.09
MRFBM1TOR26P5_SIN		0.00	-102.51	1.59	0.10	-0.17	-0.26	0.24	0.08	0.18	0.10	-0.01	-0.12	0.04	0.06	-0.08	-0.03

RUN	POINT	Harmonics															
49	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1124.54	-1412.41	-60.42	265.15	-37.62	-52.08	-41.08	-79.20	1.45	14.94	77.33	-13.80	-5.59	2.67	-13.17	-6.49
MRPC1CB33P25_SIN		0.00	-165.51	32.09	-33.50	78.01	-23.84	-13.13	-22.69	-34.20	-10.05	-53.80	48.72	10.87	8.35	39.55	-21.36
MRPC1FB33P25_COS		2303.06	172.65	-325.99	497.52	-140.71	-109.07	-107.77	-191.42	-65.53	-6.45	156.68	-2.16	9.16	14.52	-40.25	-16.73
MRPC1FB33P25_SIN		0.00	214.39	-43.37	103.72	126.55	37.91	-27.40	-81.10	-79.65	-75.25	-28.29	70.15	25.83	26.05	87.78	-60.35
MRPC1TOR25P5_COS		-752.26	-90.24	-96.74	0.56	3.52	15.10	-21.86	5.63	-11.41	5.00	25.95	-8.48	-10.13	-1.10	-10.01	-7.71
MRPC1TOR25P5_SIN		0.00	160.52	-246.13	2.92	12.01	6.72	0.52	-24.70	-10.39	1.91	3.13	16.00	-2.80	-0.95	3.24	2.49
MRPLK1LOAD_COS		-83.98	-5.20	-9.27	0.18	1.30	2.57	-2.41	1.93	-1.46	0.53	3.49	-1.89	-1.43	-0.19	-2.25	-1.39
MRPLK1LOAD_SIN		0.00	-8.72	-28.41	-1.35	0.95	0.90	-0.41	-2.86	-1.29	-0.21	0.82	1.84	-0.70	-0.28	-0.24	0.85
PITCHRH_COS		9778.52	-8516.01	-379.33	-85.22	-37.81	-220.79	56.37	-75.23	39.84	-39.98	4.24	-68.78	10.83	8.74	-6.00	-253.95
PITCHRH_SIN		0.00	2419.00	-521.25	42.98	-35.22	542.70	67.38	70.06	45.53	-89.49	-135.92	0.62	5.19	71.96	-1.34	384.47
ROLLRH_COS		985.73	-2049.42	671.41	39.52	-117.06	-1171.23	-49.35	-48.86	100.31	79.04	299.48	-27.14	-34.45	28.75	-13.28	-701.15
ROLLRH_SIN		0.00	-8064.76	-531.73	42.61	148.06	518.62	-193.83	-61.25	8.60	6.31	-36.41	-45.27	-23.12	-47.75	-51.26	-200.00
TORQ_COS		31247.29	407.19	5.03	27.75	-84.25	42.39	-0.43	4.17	-12.54	-4.27	-25.30	-1.92	3.06	-3.11	-5.24	-6.52
TORQ_SIN		0.00	682.57	-32.13	30.36	-43.09	88.49	5.03	11.25	-4.92	-9.07	6.35	3.88	-4.56	6.41	-8.77	-23.07
THRUST_COS		5765.33	-61.41	7.92	20.61	17.47	39.16	2.64	7.99	-0.50	-5.16	-52.67	-0.42	1.16	-1.23	-1.48	14.39
THRUST_SIN		0.00	-44.68	25.07	-6.71	25.44	-27.61	4.77	0.49	-2.12	1.40	27.38	-2.34	2.19	0.02	-4.14	33.67

RUN	POINT	Harmonics															
49	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.98	31.17	-19.20	-3.63	-23.92	53.74	3.74	0.37	-0.98	-4.17	-11.71	1.68	1.47	-1.16	-0.16	20.00
SIDERH_SIN		0.00	155.51	11.81	5.46	-56.46	-106.83	9.12	1.26	-0.35	0.84	0.36	2.56	1.02	1.55	1.39	5.44
DRAGRH_COS		-194.40	221.26	6.91	-5.26	-9.12	38.20	-15.35	-3.99	-1.75	1.79	6.75	4.37	-1.52	-0.94	-0.33	11.24
DRAGRH_SIN		0.00	-59.79	18.82	0.87	10.93	58.01	-18.18	0.48	1.38	4.37	7.36	-2.24	-1.50	-2.49	0.02	-17.61

RUN	POINT	Harmonics															
49	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.30	0.00	0.00	0.00	0.00	0.04	0.00	0.00	-0.02	0.00	0.02	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.71	0.00	0.00	0.00	0.00	-0.01	0.02	0.01	0.00	0.01	0.00	0.00	-0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.70	0.14	1.32	-1.90	-2.88	-0.58	0.95	1.20	-0.21	-0.07	-0.64	0.12	0.47	0.11	0.13	0.06
ACT1FORCE_SIN		0.00	14.73	-7.41	0.99	1.24	-0.90	0.93	0.18	0.74	0.14	-0.23	0.07	0.09	0.01	-0.54	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.61	-13.71	-294.22	15.80	21.12	7.41	-9.79	0.19	0.16	0.03	-0.09	0.00	0.12	-0.01	-0.02	0.08
FA1IBVOLTAGE_SIN		0.00	-94.45	-43.46	-7.74	-11.42	6.46	-6.68	-0.44	0.07	0.08	-0.09	0.07	0.08	-0.01	-0.04	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.26	13.77	295.03	-15.53	-20.79	-7.48	9.85	-0.20	-0.11	-0.02	0.09	0.01	-0.12	0.01	0.03	-0.08
FA1OBVOLTAGE_SIN		0.00	94.59	43.04	7.90	11.03	-6.38	6.74	0.48	-0.14	-0.05	0.09	-0.05	-0.08	0.02	0.05	0.04
MRBLD1CB42P75_COS		-4056.51	-1665.75	5.08	220.34	-39.58	-50.34	-61.08	-105.11	28.64	33.31	51.96	-14.27	-11.89	-4.54	-24.58	3.73
MRBLD1CB42P75_SIN		0.00	-183.90	-7.76	18.95	95.90	-30.11	5.53	-58.12	-30.83	11.45	-57.29	67.25	18.93	8.76	21.84	-14.89

RUN	POINT	Harmonics															
49	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2764.25	-1040.38	262.30	140.45	-12.15	-1.74	-70.18	-80.50	23.32	35.82	26.11	-10.34	-6.09	-3.65	-23.04	5.15
MRBLD1CB70_SIN		0.00	-98.12	-32.90	62.24	215.15	7.50	43.59	-17.67	-18.43	11.32	-26.81	40.49	11.11	4.81	9.75	-18.04
MRBLD1CB120_COS		-530.69	-438.51	406.49	133.48	-14.87	52.54	-44.26	-38.20	-36.17	-18.65	-16.70	12.73	9.88	4.97	-2.80	2.23
MRBLD1CB120_SIN		0.00	62.42	-105.67	-14.45	208.64	49.84	61.08	9.78	-0.27	-23.27	34.57	-24.80	-0.30	0.01	-7.99	-6.43
MRBLD1CB164_COS		-1961.47	-131.38	117.80	39.47	-47.46	29.15	8.11	18.46	-38.45	-27.47	-10.64	15.47	10.73	7.10	15.52	-8.00
MRBLD1CB164_SIN		0.00	71.16	-61.13	-3.87	86.51	26.16	19.84	14.89	-5.95	-34.71	21.89	-15.10	3.60	-1.68	-3.42	12.41
MRBLD1FB42P75_COS		3124.45	275.10	-374.98	494.06	-191.76	-87.32	-137.09	-314.38	-117.77	-65.49	30.65	59.07	31.10	19.32	-3.70	-35.84
MRBLD1FB42P75_SIN		0.00	35.17	16.69	10.03	106.12	91.17	23.07	-32.69	-31.16	-59.55	-106.47	41.38	18.83	9.88	58.24	-32.48
MRBLD1FB70_COS		419.77	-1.49	-181.04	143.90	-69.98	-19.34	-19.17	-44.26	-2.49	1.63	1.16	0.10	-1.93	-3.62	1.72	8.55
MRBLD1FB70_SIN		0.00	-202.43	23.07	-11.78	20.43	8.71	8.48	-0.67	-0.04	3.83	2.08	2.28	1.27	-1.00	-13.32	6.56
MRBLD1FB87_COS		-73.64	26.38	-154.58	48.58	-55.21	-22.78	-0.73	29.07	17.73	14.06	-2.50	-10.61	-3.94	-4.07	-2.26	4.19
MRBLD1FB87_SIN		0.00	-201.28	40.69	25.55	14.75	2.72	-3.73	1.17	-0.10	7.37	25.58	-10.33	-2.80	0.87	-10.11	6.57
MRBLD1FB120_COS		-479.23	30.10	-251.80	32.17	-6.80	-0.73	22.07	62.34	5.09	-6.01	-4.30	2.71	4.28	6.10	0.97	-8.11
MRBLD1FB120_SIN		0.00	-244.58	69.54	89.63	42.07	-8.22	-19.75	-2.30	1.60	-3.16	-12.44	2.01	-1.64	-2.21	15.28	-9.43
MRBLD1FB164_COS		-171.82	66.02	-233.73	48.07	189.08	78.28	-8.45	-94.02	-14.89	5.44	6.17	-0.36	-0.39	-0.27	3.45	5.41
MRBLD1FB164_SIN		0.00	-337.67	167.14	152.60	28.88	-0.95	20.01	-12.03	-9.26	4.80	20.74	-6.60	-2.64	-0.34	-8.17	4.76

RUN	POINT	Harmonics															
49	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.79	23.97	-67.96	7.68	136.61	68.00	-29.62	-101.56	-1.31	14.02	-13.29	-14.62	8.23	7.30	-8.83	-16.32
MRBLD1FB180_SIN		0.00	-248.54	128.27	93.17	-1.12	-9.97	21.77	-2.99	-23.50	-8.50	47.82	-15.34	-7.12	-8.57	16.48	-9.91
MRBLD1TOR51_COS		-1413.99	90.70	123.50	20.06	-24.52	-23.32	8.44	-31.53	3.96	1.91	-8.92	0.47	5.17	1.66	-3.54	3.83
MRBLD1TOR51_SIN		0.00	-118.55	127.63	56.41	-7.46	-3.33	-2.15	6.63	5.62	-2.56	1.73	-6.53	0.52	-0.36	-1.16	-9.09
MRBLD1TOR71_COS		-264.12	108.11	108.44	1.54	-11.72	-13.84	15.75	-17.41	4.84	0.39	-11.01	-0.59	4.89	3.32	-2.91	1.40
MRBLD1TOR71_SIN		0.00	-115.14	114.50	40.85	-15.72	-3.25	1.96	15.56	11.05	1.01	5.34	-7.25	-1.16	-0.17	-1.69	-5.57
MRBLD1TOR130_COS		-33.62	97.77	133.53	-18.85	6.34	-8.39	11.40	-17.57	2.33	-0.12	2.20	-2.91	0.10	0.44	-3.53	-4.23
MRBLD1TOR130_SIN		0.00	-103.67	108.55	36.78	-11.78	0.64	4.64	8.19	5.94	0.73	3.67	8.87	2.99	1.92	0.05	4.33
MRBLD1TOR164_COS		-223.28	57.49	144.64	-27.27	-16.03	-14.64	-1.25	-4.75	5.84	4.14	0.49	-1.09	0.20	2.24	-4.35	-5.23
MRBLD1TOR164_SIN		0.00	-50.61	67.14	4.12	-17.46	0.58	5.88	9.12	1.84	-0.47	5.40	5.75	2.91	1.81	1.37	1.48
MRFBM1CB26P5_COS		-4716.98	-706.72	-32.32	66.80	5.22	-14.17	0.51	-8.87	-1.23	-1.78	6.27	0.99	-0.20	0.40	-1.99	-0.60
MRFBM1CB26P5_SIN		0.00	-163.19	16.60	-22.95	-22.19	-17.27	-12.11	-12.27	-4.99	-3.34	-7.70	3.05	1.47	1.00	2.29	-1.75
MRFBM1FB9_COS		291.54	49.09	148.02	-106.10	30.17	13.44	9.01	11.08	0.85	-1.04	-4.28	1.09	0.62	0.60	1.71	-1.19
MRFBM1FB9_SIN		0.00	-0.65	14.52	-53.99	-9.27	-2.78	6.52	12.65	4.78	2.02	0.73	-2.43	-1.28	-0.39	-0.07	1.01
MRFBM1TOR26P5_COS		-353.06	79.87	0.31	0.06	-0.39	0.03	0.22	-0.13	0.19	0.11	-0.09	0.14	0.06	-0.05	0.15	0.13
MRFBM1TOR26P5_SIN		0.00	-102.65	1.19	0.27	-0.12	-0.25	0.25	0.02	0.17	0.11	0.12	-0.20	0.00	0.01	-0.02	-0.04

RUN	POINT	Harmonics															
49	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1093.67	-1520.34	-57.58	231.86	-46.44	-55.19	-47.49	-96.99	4.83	14.53	41.83	-3.31	-4.87	-0.83	-21.71	3.55
MRPC1CB33P25_SIN		0.00	-125.77	13.40	-20.87	36.06	-25.94	-7.64	-60.78	-33.80	-8.14	-48.23	49.69	16.47	9.55	18.26	-16.36
MRPC1FB33P25_COS		2285.76	200.51	-335.51	403.87	-186.55	-96.75	-118.04	-230.41	-70.51	-14.23	83.39	14.60	7.49	3.47	-56.97	6.57
MRPC1FB33P25_SIN		0.00	203.73	-55.82	101.32	53.15	50.27	-30.38	-153.82	-79.85	-76.95	-59.86	67.62	34.89	23.03	33.02	-49.42
MRPC1TOR25P5_COS		-749.13	-68.14	-180.10	-8.22	14.22	14.15	-19.74	21.65	-5.85	0.74	16.92	-4.71	-7.44	-0.60	-9.47	-9.61
MRPC1TOR25P5_SIN		0.00	180.89	-177.86	-34.42	15.96	9.55	3.24	-16.29	-11.58	0.76	-4.74	19.32	1.46	4.10	4.06	5.35
MRPLK1LOAD_COS		-83.08	-2.91	-19.95	-0.75	2.90	2.37	-2.20	4.20	-0.51	-0.17	2.20	-1.34	-1.07	0.07	-1.92	-1.87
MRPLK1LOAD_SIN		0.00	-5.70	-19.84	-6.27	1.55	1.20	-0.01	-1.55	-1.46	-0.21	-0.58	2.53	-0.02	0.52	-0.15	1.09
PITCHRH_COS		8837.03	-8498.99	-299.59	-85.55	-38.58	-620.32	3.49	-102.22	64.52	-10.01	-20.38	-54.73	23.07	-21.61	7.84	-270.63
PITCHRH_SIN		0.00	2409.40	-583.20	50.48	10.50	224.51	37.98	116.27	43.55	-68.24	-172.36	-2.06	17.50	1.42	13.64	276.29
ROLLRH_COS		1476.97	-1978.01	655.04	32.92	-125.74	-816.60	-121.51	-34.22	88.36	98.70	301.56	-21.83	-30.81	-31.44	1.51	-515.94
ROLLRH_SIN		0.00	-8110.59	-494.40	14.81	179.57	139.14	-191.23	-15.20	11.74	61.80	-69.50	-29.65	-1.85	-7.29	-49.50	-229.42
TORQ_COS		31566.35	428.17	-3.68	26.84	-86.44	75.80	1.77	-1.44	-15.93	-5.25	-1.87	-4.08	3.01	-3.79	-2.83	1.04
TORQ_SIN		0.00	639.23	-20.80	31.83	-4.86	110.55	3.88	37.53	-3.91	-7.44	22.51	7.09	-8.37	6.96	-4.61	-24.22
THRUST_COS		5719.09	-63.97	17.68	17.84	18.57	40.73	1.76	10.52	-2.72	-6.49	-25.33	1.05	0.65	0.16	0.57	4.36
THRUST_SIN		0.00	-47.22	19.17	-7.24	21.33	-34.99	3.51	17.05	0.19	3.20	41.71	2.57	0.99	1.17	-1.55	28.85

RUN	POINT	Harmonics															
49	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.45	16.51	-18.83	-2.97	-31.99	52.99	4.94	0.25	-0.97	-4.76	-12.95	1.03	1.19	0.94	-0.32	14.74
SIDERH_SIN		0.00	167.99	12.47	5.02	-66.18	-73.66	10.30	-1.58	-0.15	-2.15	1.00	1.28	0.28	0.28	1.20	6.56
DRAGRH_COS		-202.87	222.10	7.99	-4.70	-12.88	16.34	-15.26	-6.02	-0.61	-0.50	7.34	3.00	-1.27	0.58	-0.55	12.96
DRAGRH_SIN		0.00	-57.72	21.49	0.93	13.06	38.33	-19.78	2.84	0.72	1.05	8.62	-1.08	-0.79	-0.37	-1.51	-13.70

RUN	POINT	Harmonics															
49	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.48	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.00	-0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_COS		2.65	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.76	0.66	-2.94	-3.13	-2.81	-0.88	1.62	0.85	-0.12	-0.11	0.87	0.19	0.24	0.24	-0.02	0.12
ACT1FORCE_SIN		0.00	14.55	-6.51	0.91	0.73	-0.84	-1.12	-0.38	0.50	-0.17	0.39	0.03	0.03	0.01	0.25	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.07	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.19	-16.51	-272.05	22.96	19.03	6.74	-13.73	-0.08	0.01	-0.01	0.16	0.01	0.01	0.05	-0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-89.40	103.91	-10.41	-7.91	5.79	13.54	-0.21	0.12	-0.03	0.06	-0.01	0.01	0.05	0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.07	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.67	16.52	272.48	-22.74	-19.31	-6.80	13.71	0.07	-0.14	0.02	-0.17	-0.02	-0.03	-0.04	0.02	-0.02
FA1OBVOLTAGE_SIN		0.00	89.59	-104.66	10.44	7.44	-5.67	-13.58	0.23	-0.17	0.02	-0.05	0.00	0.02	-0.06	-0.04	-0.03
MRBLD1CB42P75_COS		-4059.36	-1957.96	30.10	178.97	-42.63	-64.55	-59.79	-146.18	26.70	33.22	52.68	-9.75	-7.25	-8.07	-18.13	2.83
MRBLD1CB42P75_SIN		0.00	-191.29	-38.46	20.95	83.61	-28.75	16.56	-33.08	-34.85	10.88	-78.52	62.10	22.49	10.71	10.33	-8.60

RUN	POINT	Harmonics															
49	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.15	-1224.22	289.65	102.74	-21.76	-32.85	-60.02	-102.06	19.71	39.56	37.37	-7.17	-0.85	-2.96	-14.97	4.19
MRBLD1CB70_SIN		0.00	-111.89	-51.27	46.58	216.69	-2.03	36.36	0.82	-19.99	12.24	-50.83	37.74	9.31	4.80	4.41	-11.58
MRBLD1CB120_COS		-522.82	-505.48	436.93	103.87	-26.79	28.20	-24.77	-26.44	-34.13	-20.56	-9.16	11.82	8.61	7.53	-0.77	2.16
MRBLD1CB120_SIN		0.00	52.74	-128.57	-31.08	197.77	35.56	35.73	21.14	1.34	-22.75	49.19	-21.62	-4.72	-1.85	-4.44	-5.82
MRBLD1CB164_COS		-1958.83	-144.07	117.35	17.97	-53.64	17.68	19.10	37.78	-34.79	-31.11	-16.99	13.18	7.18	5.99	10.65	-5.78
MRBLD1CB164_SIN		0.00	65.63	-55.05	-13.85	78.06	22.63	4.30	12.88	-6.48	-37.13	41.37	-13.29	3.70	-1.07	-1.98	7.20
MRBLD1FB42P75_COS		3116.53	354.56	-370.32	384.25	-216.10	-44.26	-122.24	-335.17	-113.89	-81.08	34.55	53.89	32.75	15.30	-11.44	-24.34
MRBLD1FB42P75_SIN		0.00	18.19	-7.80	33.13	-10.74	110.46	42.16	30.13	-48.10	-59.23	-91.35	30.93	17.34	7.84	34.14	-24.24
MRBLD1FB70_COS		418.15	-1.00	-178.54	102.70	-76.25	-11.03	-16.25	-48.85	-2.05	1.03	1.49	0.99	-1.73	-2.81	3.04	6.33
MRBLD1FB70_SIN		0.00	-204.53	14.25	-4.40	-14.22	13.79	10.76	10.72	-1.42	3.64	0.68	3.21	2.66	0.13	-7.79	5.20
MRBLD1FB87_COS		-76.07	24.37	-157.70	20.89	-57.76	-22.26	-3.15	30.81	18.12	17.53	-3.12	-9.22	-3.45	-2.42	-0.46	1.70
MRBLD1FB87_SIN		0.00	-199.16	39.11	30.47	2.40	7.65	-2.39	-2.92	3.82	8.37	23.24	-8.55	-2.91	1.27	-5.03	4.24
MRBLD1FB120_COS		-482.21	30.26	-260.81	-2.60	-4.86	-4.94	21.97	67.63	2.67	-5.81	-6.66	0.65	2.47	3.27	-1.78	-3.66
MRBLD1FB120_SIN		0.00	-243.56	82.26	86.49	45.08	-7.73	-22.46	-19.80	0.45	-5.22	-10.74	1.12	-2.37	-3.47	7.31	-6.57
MRBLD1FB164_COS		-172.95	41.00	-219.04	46.76	194.75	79.17	-0.55	-98.21	-10.65	4.89	2.19	-2.40	-1.18	0.63	4.87	3.54
MRBLD1FB164_SIN		0.00	-330.89	80.57	155.85	71.33	-23.25	19.09	14.74	-6.61	6.74	18.31	-6.44	-4.19	0.21	-3.10	2.66

RUN	POINT	Harmonics															
49	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-207.83	2.12	-55.48	20.16	140.25	72.53	-19.22	-104.53	3.33	20.24	-20.10	-21.99	3.11	8.05	-8.51	-12.56
MRBLD1FB180_SIN		0.00	-240.14	48.46	92.08	28.71	-18.85	24.40	23.41	-15.11	-5.94	43.21	-11.27	-7.79	-10.40	6.35	-7.77
MRBLD1TOR51_COS		-1415.76	64.35	168.16	41.81	-32.21	-22.51	4.06	-44.21	3.68	1.88	-1.58	-1.17	2.97	3.26	-1.48	2.33
MRBLD1TOR51_SIN		0.00	-129.93	32.88	81.53	-9.05	-10.74	1.79	23.82	4.46	-6.06	-1.74	-4.00	0.01	-0.46	-1.59	-8.53
MRBLD1TOR71_COS		-265.84	86.20	149.53	25.71	-18.83	-13.14	11.18	-26.56	4.26	0.62	-4.79	-1.62	3.02	4.60	-0.97	0.58
MRBLD1TOR71_SIN		0.00	-125.56	26.00	64.24	-14.10	-11.58	4.59	28.95	10.32	-1.95	2.59	-4.69	-1.74	-0.33	-0.55	-4.93
MRBLD1TOR130_COS		-35.55	72.48	172.38	11.22	-0.29	-9.41	8.22	-24.75	2.27	-1.22	4.14	-0.82	0.40	-0.20	-2.65	-3.09
MRBLD1TOR130_SIN		0.00	-114.20	18.81	58.34	-3.63	-8.12	6.35	20.64	5.58	-1.31	2.62	9.03	3.80	1.87	1.10	4.24
MRBLD1TOR164_COS		-223.94	40.14	170.24	-2.94	-17.88	-15.45	-4.86	-7.81	6.55	4.59	-2.35	-0.37	1.23	2.02	-2.06	-3.24
MRBLD1TOR164_SIN		0.00	-57.78	7.74	16.43	-17.26	0.11	7.30	13.82	2.96	0.54	4.02	4.23	2.21	0.35	-0.32	2.62
MRFBM1CB26P5_COS		-4714.67	-859.89	-23.64	66.07	5.62	-11.29	-1.00	-15.63	-0.68	-3.15	2.91	0.97	-0.32	0.08	-1.95	-0.42
MRFBM1CB26P5_SIN		0.00	-185.74	4.72	-14.00	-24.01	-16.14	-7.67	-10.25	-6.77	-4.04	-4.88	2.27	1.91	0.77	0.64	-1.42
MRFBM1FB9_COS		289.65	157.24	140.75	-76.92	28.14	12.51	8.17	14.34	0.44	-0.84	-4.47	0.82	0.55	0.61	0.98	-0.98
MRFBM1FB9_SIN		0.00	-40.84	29.45	-50.92	4.83	-5.88	4.31	11.13	5.13	2.41	0.98	-2.13	-1.39	-0.37	0.29	0.72
MRFBM1TOR26P5_COS		-352.89	80.45	0.72	0.29	-0.49	-0.04	0.21	-0.15	0.16	0.10	0.05	0.05	0.03	-0.04	0.12	0.08
MRFBM1TOR26P5_SIN		0.00	-102.67	0.61	0.49	0.01	-0.29	0.21	0.09	0.21	0.04	0.04	-0.17	0.00	0.02	-0.06	-0.05

RUN	POINT	Harmonics															
49	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1097.89	-1764.19	-38.20	199.64	-45.80	-55.16	-45.58	-128.14	5.13	11.32	38.21	-0.76	-1.42	-3.20	-16.57	3.17
MRPC1CB33P25_SIN		0.00	-109.28	-23.52	-8.11	15.02	-17.28	5.85	-36.71	-38.95	-10.59	-53.60	44.89	18.36	10.23	7.49	-10.51
MRPC1FB33P25_COS		2278.56	275.33	-331.46	309.39	-180.56	-69.27	-112.77	-271.75	-59.80	-25.86	77.56	18.42	11.14	2.68	-39.20	6.05
MRPC1FB33P25_SIN		0.00	192.54	-67.08	98.85	-46.73	78.58	-10.38	-112.94	-91.02	-84.27	-48.07	55.32	34.20	18.72	11.61	-34.80
MRPC1TOR25P5_COS		-747.66	-33.47	-229.30	-34.57	23.93	13.41	-14.27	33.17	-4.28	0.30	7.32	0.06	-3.39	-3.04	-7.81	-6.54
MRPC1TOR25P5_SIN		0.00	192.70	-71.44	-64.04	16.50	18.50	0.35	-33.47	-11.73	4.73	-1.23	14.83	1.63	3.93	4.05	8.28
MRPLK1LOAD_COS		-82.85	0.15	-25.93	-3.98	4.26	2.35	-1.60	5.79	-0.32	-0.17	0.67	-0.52	-0.47	-0.34	-1.50	-1.26
MRPLK1LOAD_SIN		0.00	-4.43	-6.80	-10.17	1.60	2.31	-0.31	-4.05	-1.45	0.40	0.10	1.87	0.00	0.40	0.24	1.54
PITCHRH_COS		7010.17	-8518.78	-286.37	-93.12	-49.54	-865.11	1.15	-39.62	92.49	43.39	-40.29	-44.13	27.20	22.49	-4.44	-265.13
PITCHRH_SIN		0.00	2465.00	-623.02	55.22	2.49	37.82	156.71	149.85	4.73	-66.01	-191.91	-13.77	32.13	-5.63	13.91	193.46
ROLLRH_COS		2289.00	-2023.24	666.82	6.31	-155.89	-306.30	-95.32	-15.28	120.52	108.51	304.51	-10.46	-61.18	-27.71	-31.59	-461.51
ROLLRH_SIN		0.00	-8066.67	-449.58	-7.39	141.67	-55.03	-127.24	-16.18	25.56	83.49	-123.66	-39.24	18.51	-44.29	-23.45	-120.12
TORQ_COS		31639.46	423.38	-5.03	27.02	-61.23	108.26	-1.52	24.52	-12.84	-3.98	13.76	-1.30	1.60	-3.64	-4.50	6.25
TORQ_SIN		0.00	633.62	-19.65	17.17	-57.23	122.49	-0.69	24.06	-2.84	-5.78	6.50	5.92	-8.22	6.21	-7.86	-18.46
THRUST_COS		5710.94	-64.55	22.25	13.40	11.09	31.52	4.11	19.25	-2.27	-7.89	-17.87	0.95	1.87	-1.28	2.65	6.76
THRUST_SIN		0.00	-46.28	15.16	-3.97	29.93	-49.75	3.42	2.21	1.42	3.31	27.80	1.01	1.14	0.60	-3.87	26.74

RUN	POINT	Harmonics															
49	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.96	21.91	-19.24	-2.56	-16.44	35.00	8.92	-2.45	-2.33	-6.23	-13.28	0.86	2.05	0.72	0.67	13.35
SIDERH_SIN		0.00	157.21	12.49	4.23	-74.10	-35.67	9.53	-1.27	-0.72	-3.32	3.99	2.07	-0.54	1.67	0.63	3.46
DRAGRH_COS		-217.30	221.95	10.25	-3.26	-13.65	2.17	-10.35	-2.16	-0.25	-3.35	8.58	2.96	-2.46	-1.58	-0.31	13.56
DRAGRH_SIN		0.00	-59.47	20.77	0.11	7.82	11.06	-32.39	7.63	1.76	-0.36	12.52	-1.68	-1.53	1.42	-1.19	-9.68

RUN	POINT	Harmonics															
49	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.26	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.02	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.21	1.19	-6.91	-3.74	-1.95	-1.20	-0.72	0.88	0.07	-0.08	0.12	-0.09	0.27	-0.07	0.10	-0.16
ACT1FORCE_SIN		0.00	14.68	-3.95	0.95	0.60	-0.37	-2.12	-0.12	0.44	-0.02	-0.71	0.43	0.11	0.06	-0.01	0.03
FA1IBCURRENT_COS		0.00	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.27	-14.89	-174.85	26.54	12.92	8.51	9.05	0.14	0.06	0.01	0.09	-0.04	0.01	-0.06	-0.03	-0.03
FA1IBVOLTAGE_SIN		0.00	-84.88	223.18	-11.43	-2.72	5.34	18.62	-0.23	0.11	-0.04	-0.14	0.07	-0.02	0.01	0.00	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.58	14.90	174.80	-26.42	-13.54	-8.46	-9.16	-0.14	-0.09	0.00	-0.07	0.05	0.01	0.06	0.03	0.04
FA1OBVOLTAGE_SIN		0.00	85.10	-224.06	11.37	2.69	-5.20	-18.58	0.26	0.02	0.00	0.14	-0.07	0.01	-0.02	0.00	-0.04
MRBLD1CB42P75_COS		-4032.48	-1801.70	64.29	165.54	-38.55	-73.40	-63.92	-167.03	43.04	42.15	37.36	-18.51	-7.44	-2.69	-19.63	-3.12
MRBLD1CB42P75_SIN		0.00	27.53	-54.69	50.38	94.92	-17.29	33.63	-49.70	-30.13	7.89	-68.88	48.45	12.89	3.56	12.41	-7.39

RUN	POINT	Harmonics															
49	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2790.03	-1124.49	322.58	80.86	-10.18	-48.05	-76.00	-122.22	29.45	46.19	27.70	-13.10	-2.54	-0.85	-15.28	-0.19
MRBLD1CB70_SIN		0.00	22.06	-65.26	66.61	233.20	30.71	53.91	-6.75	-17.45	7.38	-33.26	31.38	5.35	1.11	6.25	-8.18
MRBLD1CB120_COS		-517.25	-467.13	461.40	85.43	-9.59	15.41	-42.83	-46.72	-40.83	-26.00	-6.14	16.42	7.88	5.21	-0.13	1.87
MRBLD1CB120_SIN		0.00	100.56	-149.14	-10.90	210.88	67.02	47.26	13.04	-5.16	-16.03	37.31	-15.28	2.20	3.33	-3.84	-6.69
MRBLD1CB164_COS		-1958.60	-135.30	121.66	5.43	-45.49	10.80	10.98	37.21	-43.48	-37.12	-10.23	18.42	7.47	4.00	10.54	-3.01
MRBLD1CB164_SIN		0.00	73.81	-45.18	-7.38	84.91	41.51	6.19	15.33	-11.75	-29.50	20.51	-9.58	5.81	0.63	-2.36	8.37
MRBLD1FB42P75_COS		3089.38	306.82	-374.19	356.41	-200.89	-43.39	-93.48	-405.89	-106.11	-69.59	-4.18	41.96	31.57	18.62	-8.47	-34.94
MRBLD1FB42P75_SIN		0.00	-25.52	-27.87	110.25	-7.58	82.25	62.48	2.19	-60.15	-49.25	-107.25	22.25	10.97	1.05	40.32	-14.69
MRBLD1FB70_COS		414.42	-1.08	-182.02	89.63	-71.02	-11.44	-11.06	-61.67	-0.83	1.94	0.89	1.17	-2.29	-3.89	3.12	8.55
MRBLD1FB70_SIN		0.00	-198.03	10.78	22.96	-12.02	7.98	16.55	7.00	-2.65	3.67	1.28	3.62	3.59	0.89	-9.44	3.68
MRBLD1FB87_COS		-76.59	25.42	-161.99	10.47	-57.00	-22.68	-4.88	36.35	15.91	14.77	4.13	-6.86	-3.43	-3.62	-2.26	3.65
MRBLD1FB87_SIN		0.00	-193.27	40.88	44.92	2.67	4.32	-3.29	-0.29	5.36	6.68	25.39	-6.80	-0.64	3.72	-6.88	1.48
MRBLD1FB120_COS		-478.40	36.00	-264.83	-22.21	-7.23	-3.09	19.97	88.27	2.05	-4.83	-5.97	-0.43	3.92	4.88	-0.52	-5.74
MRBLD1FB120_SIN		0.00	-238.05	97.13	100.29	42.24	-3.52	-28.33	-13.54	1.64	-6.54	-11.17	0.16	-4.42	-6.45	9.83	-2.65
MRBLD1FB164_COS		-174.34	26.77	-232.18	51.50	182.66	79.95	3.06	-130.88	-7.46	7.50	6.38	0.94	-1.70	-1.03	4.19	5.65
MRBLD1FB164_SIN		0.00	-319.15	-2.42	176.88	64.98	-23.71	19.17	3.81	-8.35	6.94	19.62	-7.06	-3.00	2.58	-3.83	-0.16

RUN	POINT	Harmonics															
49	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.11	-16.04	-77.96	31.28	134.22	69.64	-13.54	-129.74	9.25	23.12	-0.12	-12.75	6.23	10.00	-7.11	-13.92
MRBLD1FB180_SIN		0.00	-226.73	-29.63	95.74	29.16	-18.54	23.17	13.92	-14.13	-10.87	39.68	-10.96	-4.67	-8.83	10.95	-1.36
MRBLD1TOR51_COS		-1417.82	42.78	160.92	72.59	-29.56	-22.04	1.03	-52.55	4.98	3.13	-3.91	1.22	2.57	1.76	-1.38	-0.39
MRBLD1TOR51_SIN		0.00	-124.48	-65.14	91.51	-0.28	-8.69	5.94	20.00	3.12	-4.94	-3.46	-3.17	0.73	0.53	0.45	-6.31
MRBLD1TOR71_COS		-266.90	63.24	141.10	56.31	-17.10	-12.71	8.46	-31.95	4.54	1.47	-5.67	0.73	2.57	3.38	-1.32	-1.14
MRBLD1TOR71_SIN		0.00	-122.15	-65.37	71.19	-6.27	-9.28	7.15	28.13	9.44	-1.20	2.05	-3.53	-0.93	0.85	0.39	-3.18
MRBLD1TOR130_COS		-35.34	48.84	162.05	43.79	1.44	-9.89	6.87	-30.49	2.18	-0.76	2.41	-0.91	0.15	0.31	-2.91	-1.90
MRBLD1TOR130_SIN		0.00	-109.60	-73.18	60.96	3.40	-5.84	8.78	19.23	4.98	-0.60	0.95	7.95	3.46	1.70	-0.35	4.32
MRBLD1TOR164_COS		-222.72	23.29	162.32	19.98	-15.97	-15.31	-4.14	-9.59	5.90	5.49	0.12	-0.44	1.57	3.94	-2.51	-1.68
MRBLD1TOR164_SIN		0.00	-55.41	-53.55	13.58	-11.32	-0.99	10.13	15.69	2.80	-0.96	6.23	3.93	3.01	1.19	-0.58	1.05
MRFBM1CB26P5_COS		-4698.09	-786.95	-11.97	69.93	3.59	-9.98	2.23	-15.47	1.42	-2.99	1.68	0.92	0.43	0.72	-2.12	-0.96
MRFBM1CB26P5_SIN		0.00	-70.31	-3.49	-6.50	-26.50	-19.83	-7.29	-13.01	-5.81	-3.23	-8.65	0.93	1.50	1.05	0.85	-2.30
MRFBM1FB9_COS		263.09	92.61	134.96	-63.00	26.49	11.50	8.19	16.13	-0.25	-1.05	-3.98	0.69	0.27	0.16	1.12	-0.64
MRFBM1FB9_SIN		0.00	-93.31	39.69	-67.84	3.47	-4.53	2.08	14.53	4.93	1.77	1.73	-1.64	-1.22	-0.31	0.08	1.02
MRFBM1TOR26P5_COS		-353.04	79.97	0.55	0.50	-0.47	-0.06	0.14	-0.28	0.17	0.11	0.01	0.07	0.01	-0.05	0.16	0.06
MRFBM1TOR26P5_SIN		0.00	-103.41	-0.20	0.43	0.15	-0.30	0.22	0.11	0.16	0.08	0.03	-0.09	0.01	0.02	0.00	-0.05

RUN	POINT	Harmonics															
49	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1082.01	-1624.68	-11.23	196.12	-43.65	-58.85	-41.43	-146.97	19.05	16.25	25.90	-5.87	-1.35	0.99	-17.84	-2.95
MRPC1CB33P25_SIN		0.00	75.70	-42.02	19.40	19.78	-19.29	18.94	-54.94	-37.98	-9.12	-56.74	35.44	12.10	6.09	9.98	-10.45
MRPC1FB33P25_COS		2256.56	236.35	-329.00	270.73	-166.72	-61.71	-96.76	-315.12	-48.96	-22.18	58.18	14.10	14.98	9.83	-44.04	-7.75
MRPC1FB33P25_SIN		0.00	146.69	-80.90	155.75	-41.60	57.32	14.65	-163.87	-96.50	-71.17	-79.53	41.89	29.23	17.15	17.73	-38.85
MRPC1TOR25P5_COS		-748.80	-14.65	-217.40	-71.21	23.73	12.62	-11.64	40.90	-5.81	-0.62	8.73	-4.56	-2.68	-0.22	-9.41	-3.61
MRPC1TOR25P5_SIN		0.00	183.43	29.89	-74.38	7.17	16.43	-3.21	-32.17	-10.00	3.10	0.71	11.46	0.23	2.51	0.93	5.92
MRPLK1LOAD_COS		-82.52	3.46	-24.77	-8.59	3.92	2.30	-1.10	7.09	-0.46	-0.37	1.07	-1.01	-0.44	0.11	-1.85	-0.78
MRPLK1LOAD_SIN		0.00	-4.91	6.65	-11.53	0.34	2.03	-0.85	-3.68	-1.09	0.17	0.36	1.40	-0.23	0.31	-0.48	1.24
PITCHRH_COS		8046.76	-8538.49	-245.54	-90.27	-79.27	-768.17	-92.65	-58.10	86.69	-14.66	-62.61	-29.57	31.06	10.76	2.81	-358.13
PITCHRH_SIN		0.00	2464.82	-714.21	64.52	-11.47	94.98	79.37	172.58	-0.38	-67.24	-174.33	-22.90	-9.01	43.82	-1.62	152.71
ROLLRH_COS		3478.45	-2034.02	751.53	-23.50	-190.20	-247.47	-109.99	-7.09	140.84	89.66	273.74	-16.10	-34.47	17.08	-3.60	-403.73
ROLLRH_SIN		0.00	-8086.66	-404.15	-26.52	176.04	18.04	-124.02	-9.33	30.97	24.84	-134.07	-35.58	-16.26	-57.78	-15.62	-268.41
TORQ_COS		31913.79	419.63	-7.17	24.05	-67.67	114.14	-4.19	20.10	-24.10	-2.53	15.41	-2.24	1.24	-1.21	-2.53	14.23
TORQ_SIN		0.00	680.65	-12.70	3.39	-73.23	112.07	2.07	27.14	-5.20	-2.83	18.87	8.57	-6.41	5.49	-7.36	-19.81
THRUST_COS		5632.09	-66.98	24.05	9.32	12.32	28.13	-0.11	20.20	-2.47	-6.04	-9.59	0.48	0.02	-1.13	1.49	7.44
THRUST_SIN		0.00	-51.62	4.87	-3.72	31.30	-42.94	4.40	6.74	0.65	3.25	42.85	3.16	2.38	-0.30	-4.67	31.06

RUN	POINT	Harmonics															
49	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.35	22.46	-20.50	-0.97	-14.18	24.56	5.66	-1.03	-2.45	-4.70	-12.47	0.95	1.22	-0.71	0.06	11.92
SIDERH_SIN		0.00	161.15	13.52	3.83	-81.89	-40.77	7.58	-1.68	-0.37	-0.15	3.97	1.47	0.66	1.96	0.19	7.69
DRAGRH_COS		-210.11	222.73	13.21	-2.91	-14.91	19.94	-14.52	-5.42	-0.46	0.11	10.86	2.01	-1.09	-1.28	-0.71	17.63
DRAGRH_SIN		0.00	-59.16	22.28	0.45	7.20	20.46	-21.37	2.68	2.49	0.79	11.37	-0.92	-0.29	-1.87	-0.60	-7.60

RUN	POINT	Harmonics															
49	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.70	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.02	0.02	-0.01	0.00	0.01	0.01
FLAP1C_SIN		0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.01
ACT1DISP_COS		2.65	0.00	0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.63	1.83	-9.02	-4.36	-1.84	-1.05	-1.58	1.34	-0.25	-0.11	0.26	0.58	-0.18	0.00	0.28	0.11
ACT1FORCE_SIN		0.00	14.51	0.34	1.30	0.23	0.24	0.01	0.07	0.44	-0.08	0.49	0.68	0.15	0.26	0.32	0.36
FA1IBCURRENT_COS		0.00	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.41	-14.93	-33.39	28.51	13.82	8.28	15.41	0.26	0.10	-0.05	0.01	0.05	-0.06	-0.05	0.02	-0.06
FA1IBVOLTAGE_SIN		0.00	-82.31	279.81	-12.96	-1.17	0.89	-1.46	-0.46	0.09	0.03	0.03	0.16	-0.04	0.05	0.08	0.07
FA1OBCURRENT_COS		0.02	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.44	14.94	33.12	-28.50	-14.21	-8.16	-15.38	-0.24	-0.01	0.04	-0.03	-0.05	0.04	0.06	-0.03	0.07
FA1OBVOLTAGE_SIN		0.00	82.55	-280.49	12.83	1.65	-0.86	1.53	0.48	-0.10	-0.04	-0.04	-0.17	0.04	-0.05	-0.09	-0.07
MRBLD1CB42P75_COS		-4077.63	-1682.96	92.67	167.21	-39.99	-74.59	-57.77	-201.66	46.36	43.75	20.60	-2.60	3.21	-7.55	-26.68	-2.34
MRBLD1CB42P75_SIN		0.00	198.05	-81.53	68.68	97.64	-24.18	39.74	-58.41	-36.32	-5.11	-98.73	47.74	11.78	5.06	6.64	-13.18

RUN	POINT	Harmonics															
49	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2771.61	-1052.88	344.08	70.82	-15.29	-35.12	-76.04	-147.97	31.68	46.79	18.99	-1.11	4.48	-5.14	-18.81	-0.87
MRBLD1CB70_SIN		0.00	125.96	-86.21	83.05	233.58	16.16	63.75	-8.91	-17.35	-4.67	-65.20	30.37	3.49	2.16	1.76	-11.23
MRBLD1CB120_COS		-517.24	-437.18	474.59	82.25	-14.65	39.39	-44.76	-65.47	-42.01	-20.29	5.69	9.01	1.84	6.91	0.91	3.28
MRBLD1CB120_SIN		0.00	140.89	-176.46	1.42	214.08	43.62	53.04	17.58	2.55	-11.03	62.40	-13.90	1.86	1.49	-4.92	-5.32
MRBLD1CB164_COS		-1958.75	-126.74	130.81	-0.93	-44.91	21.30	9.31	42.46	-46.50	-32.88	-5.81	10.76	1.83	6.07	10.89	-3.96
MRBLD1CB164_SIN		0.00	83.90	-37.55	-1.29	87.32	36.00	9.51	18.34	-6.40	-22.00	52.08	-11.07	6.05	-0.60	0.66	9.39
MRBLD1FB42P75_COS		3106.57	269.55	-379.66	364.38	-196.80	-68.91	-76.90	-501.37	-109.88	-62.48	5.84	46.70	30.60	10.85	-32.43	-40.79
MRBLD1FB42P75_SIN		0.00	-59.08	-47.08	154.41	13.97	77.16	55.18	25.05	-68.73	-65.51	-82.19	17.63	3.46	2.50	44.66	-24.49
MRBLD1FB70_COS		412.79	1.31	-183.10	88.46	-68.59	-16.40	-6.57	-78.05	-1.24	2.62	-0.21	0.74	-2.05	-2.31	7.87	9.96
MRBLD1FB70_SIN		0.00	-195.30	6.11	40.24	-7.01	5.12	15.08	12.02	-2.89	2.67	1.17	3.13	3.90	0.56	-9.54	6.60
MRBLD1FB87_COS		-79.26	28.87	-161.39	7.38	-55.13	-23.07	-4.42	45.72	17.24	15.02	4.35	-8.42	-3.64	-1.58	3.09	4.39
MRBLD1FB87_SIN		0.00	-191.19	43.50	57.95	4.57	2.79	-3.92	-1.80	6.74	9.50	20.46	-5.26	1.25	2.73	-8.06	2.95
MRBLD1FB120_COS		-480.79	37.34	-261.67	-39.57	-10.94	-2.74	12.72	109.30	1.25	-7.55	-8.69	-0.49	3.07	1.18	-7.99	-6.31
MRBLD1FB120_SIN		0.00	-238.16	113.32	119.57	37.22	2.36	-26.74	-20.71	2.27	-5.73	-11.00	-1.08	-7.22	-5.85	10.78	-6.28
MRBLD1FB164_COS		-174.59	14.70	-276.67	57.32	164.69	82.76	8.19	-163.93	-6.91	11.39	7.35	-1.03	-2.02	0.05	7.60	5.04
MRBLD1FB164_SIN		0.00	-308.60	-58.70	188.84	58.47	-29.25	14.22	19.45	-6.81	7.73	18.58	-5.60	-1.28	3.43	-3.91	0.39

RUN	POINT	Harmonics															
49	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.83	-37.46	-133.58	39.95	123.39	64.50	-8.97	-154.54	14.89	26.89	-2.64	-18.43	1.96	5.69	-15.58	-12.63
MRBLD1FB180_SIN		0.00	-210.75	-82.65	95.21	35.69	-16.77	20.32	31.42	-4.22	-4.90	32.11	-6.44	-1.84	-8.80	12.32	-5.21
MRBLD1TOR51_COS		-1413.28	25.62	106.58	106.37	-23.41	-24.34	3.17	-61.09	6.98	5.99	-1.39	0.93	-1.04	1.50	-3.73	-0.21
MRBLD1TOR51_SIN		0.00	-106.29	-146.93	79.54	8.87	-6.51	4.80	19.14	8.78	-5.01	-1.08	-2.65	1.01	-1.32	-1.07	-4.08
MRBLD1TOR71_COS		-263.41	45.83	88.60	87.99	-11.03	-14.22	9.92	-36.06	6.07	3.49	-3.00	-0.09	-0.86	3.36	-2.15	-0.15
MRBLD1TOR71_SIN		0.00	-107.06	-141.40	58.06	1.40	-6.40	5.93	28.46	14.87	-0.42	4.44	-2.67	-0.13	-0.68	-0.31	-1.32
MRBLD1TOR130_COS		-32.29	30.20	106.66	73.54	6.82	-10.26	8.98	-35.90	3.63	1.86	3.85	0.27	0.74	0.80	-1.32	-0.63
MRBLD1TOR130_SIN		0.00	-93.19	-148.04	45.92	8.96	-2.79	8.49	20.01	7.97	-1.03	3.08	8.92	4.25	2.07	0.31	3.34
MRBLD1TOR164_COS		-220.70	9.36	123.58	39.90	-11.64	-17.61	-2.39	-11.09	6.35	4.97	0.39	-1.13	3.12	3.51	-1.73	-0.44
MRBLD1TOR164_SIN		0.00	-44.17	-104.10	0.58	-6.01	-0.30	9.91	17.37	4.85	-0.99	3.86	3.74	2.85	1.34	-1.02	-1.79
MRFBM1CB26P5_COS		-4731.46	-727.19	-1.46	77.45	3.98	-13.45	3.44	-18.23	2.06	-2.74	-0.03	0.63	0.47	0.62	-3.48	-0.13
MRFBM1CB26P5_SIN		0.00	17.28	-15.75	-5.82	-27.73	-18.11	-8.46	-14.96	-8.07	-3.16	-4.68	1.08	1.30	0.46	-0.26	-3.07
MRFBM1FB9_COS		280.44	21.30	128.47	-59.87	27.38	12.53	7.38	20.78	-0.38	-1.79	-3.66	0.28	-0.13	0.32	1.23	-0.83
MRFBM1FB9_SIN		0.00	-133.32	52.73	-79.55	0.91	-2.37	2.11	17.26	5.23	2.20	2.12	-1.76	-1.14	-0.18	0.78	1.36
MRFBM1TOR26P5_COS		-353.00	79.38	0.12	0.59	-0.40	-0.07	0.15	-0.29	0.15	0.10	0.03	0.07	-0.03	-0.05	0.11	0.00
MRFBM1TOR26P5_SIN		0.00	-104.06	-0.77	0.29	0.28	-0.31	0.19	0.11	0.25	0.10	-0.02	-0.13	0.01	0.02	-0.01	-0.01

RUN	POINT	Harmonics															
49	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1119.40	-1516.18	11.41	207.20	-43.33	-66.23	-34.32	-180.03	21.67	18.85	13.98	3.20	4.93	-2.59	-25.11	-1.30
MRPC1CB33P25_SIN		0.00	222.30	-69.81	30.96	22.45	-22.75	20.79	-63.33	-45.00	-17.40	-64.75	34.54	10.20	5.91	4.00	-15.78
MRPC1FB33P25_COS		2271.29	205.39	-327.11	267.37	-169.15	-80.23	-81.13	-399.24	-48.74	-9.36	50.85	21.42	20.50	4.04	-60.84	-1.08
MRPC1FB33P25_SIN		0.00	112.78	-94.23	193.66	-23.91	46.34	15.39	-182.06	-104.91	-80.43	-57.42	41.95	23.13	12.52	-0.40	-50.39
MRPC1TOR25P5_COS		-753.27	-0.01	-156.48	-110.11	16.54	15.63	-14.35	46.62	-8.39	-4.00	5.16	-1.70	2.70	-0.63	-6.78	-0.47
MRPC1TOR25P5_SIN		0.00	162.79	116.14	-59.94	-2.52	12.95	-0.80	-32.16	-16.88	2.59	-3.60	11.88	0.00	4.66	1.19	1.02
MRPLK1LOAD_COS		-83.29	6.05	-17.14	-13.48	2.90	2.66	-1.37	8.13	-0.73	-0.77	0.64	-0.72	0.31	0.09	-1.16	-0.02
MRPLK1LOAD_SIN		0.00	-7.32	17.94	-9.69	-0.99	1.79	-0.62	-3.64	-2.09	0.06	-0.03	1.62	-0.21	0.56	-0.32	0.54
PITCHRH_COS		9259.46	-8579.87	-301.49	-53.09	-75.20	-692.65	-131.52	-22.06	76.02	-27.54	-48.62	-44.88	29.03	48.77	14.08	-381.16
PITCHRH_SIN		0.00	2490.55	-805.66	72.54	-36.64	192.07	20.94	137.47	-0.40	-59.59	-186.24	-12.34	16.64	7.20	3.34	157.00
ROLLRH_COS		4406.50	-2073.50	809.11	-40.97	-133.55	-347.01	-126.95	-14.07	126.81	77.55	290.90	-12.14	-60.11	-26.69	3.59	-409.16
ROLLRH_SIN		0.00	-8107.07	-440.84	-30.74	147.33	-39.00	-121.05	5.42	6.23	-3.44	-139.01	-61.14	19.45	-91.59	-6.80	-322.79
TORQ_COS		31278.15	407.54	0.63	23.02	-81.70	114.58	-3.27	15.15	-27.00	-0.31	22.36	2.26	1.86	-3.90	-4.56	15.27
TORQ_SIN		0.00	695.48	-16.38	-3.93	-70.47	103.80	5.03	29.45	4.47	-5.06	6.39	7.52	-7.21	6.28	-8.98	-10.30
THRUST_COS		5683.77	-71.74	19.30	8.39	13.79	32.30	1.70	19.18	0.28	-4.29	-5.39	2.07	3.12	-1.71	2.23	16.75
THRUST_SIN		0.00	-49.63	-2.19	0.43	32.51	-37.48	6.37	8.61	1.90	2.78	25.42	1.36	1.28	0.99	-4.71	33.72

RUN	POINT	Harmonics															
49	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.04	29.66	-20.56	-1.21	-18.47	28.71	6.54	-0.98	-1.85	-3.75	-13.61	0.86	2.17	0.81	-0.19	11.87
SIDERH_SIN		0.00	160.72	14.93	2.11	-69.25	-44.75	8.23	-0.66	0.14	0.93	5.79	3.02	-0.35	3.49	0.09	9.81
DRAGRH_COS		-198.03	221.93	16.59	-1.19	-13.30	26.06	-8.07	-3.10	-0.50	0.10	10.08	3.19	-2.09	-2.25	-1.52	17.92
DRAGRH_SIN		0.00	-60.29	21.28	0.07	8.83	30.98	-13.54	2.17	1.66	1.99	12.33	-2.08	-1.02	1.40	-0.89	-7.37

RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.02	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	-0.01	0.03	0.00	-0.03	0.00	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.13	2.03	-8.28	-4.82	-2.42	-0.87	0.64	1.11	-0.06	0.10	0.72	0.49	0.06	0.27	0.04	-0.20
ACT1FORCE_SIN		0.00	13.71	5.30	1.56	0.05	0.28	0.84	-0.18	0.61	0.05	-0.65	0.14	0.34	0.00	0.19	0.17
FA1IBCURRENT_COS		0.00	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.34	-15.41	115.25	31.78	16.38	8.46	-4.80	0.12	0.04	0.04	0.16	0.06	0.00	0.01	-0.03	-0.08
FA1IBVOLTAGE_SIN		0.00	-78.38	254.18	-12.01	-0.58	-0.64	-6.99	-0.37	0.14	-0.05	-0.05	-0.01	0.03	-0.03	0.03	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.52	15.46	-115.84	-31.89	-16.19	-8.39	4.90	-0.08	-0.11	-0.03	-0.15	-0.06	0.02	0.00	0.03	0.07
FA1OBVOLTAGE_SIN		0.00	78.60	-254.64	11.89	1.10	0.58	6.95	0.36	-0.17	0.04	0.07	0.02	-0.04	0.03	-0.03	0.02
MRBLD1CB42P75_COS		-4079.73	-1649.53	51.00	168.32	-68.31	-82.84	-43.22	-198.96	54.89	32.48	49.18	-11.85	-6.24	-7.61	-34.65	-10.06
MRBLD1CB42P75_SIN		0.00	245.36	-97.51	92.03	109.95	-20.33	34.66	-17.06	-41.84	-12.04	-65.35	51.15	9.89	4.45	9.66	-17.74

RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2761.01	-1032.48	327.34	60.41	-62.31	-45.72	-70.10	-138.03	38.68	30.55	31.12	-3.23	0.15	-2.85	-24.53	-6.54
MRBLD1CB70_SIN		0.00	172.16	-99.89	106.11	254.46	9.87	67.44	21.70	-19.75	-8.52	-44.98	29.12	5.36	0.04	5.69	-13.04
MRBLD1CB120_COS		-534.32	-429.26	468.47	72.31	-58.66	29.40	-53.09	-51.96	-32.57	-8.24	-3.55	15.46	4.93	6.12	0.47	2.32
MRBLD1CB120_SIN		0.00	177.68	-192.03	20.74	239.77	25.67	59.21	33.95	4.46	0.79	42.51	-17.83	1.91	1.40	-4.12	-6.64
MRBLD1CB164_COS		-1967.02	-124.27	145.03	-10.72	-62.55	20.54	-0.60	47.77	-39.14	-14.38	-6.52	13.27	4.90	3.42	14.99	-0.51
MRBLD1CB164_SIN		0.00	96.71	-35.13	8.85	96.66	28.09	12.12	12.62	0.52	-7.55	37.85	-10.06	4.53	1.59	-0.37	12.68
MRBLD1FB42P75_COS		3112.83	260.46	-420.96	363.80	-195.97	-79.91	-57.68	-442.52	-72.58	-19.12	59.28	48.91	22.35	13.69	-31.33	-57.77
MRBLD1FB42P75_SIN		0.00	-75.66	-56.22	219.39	38.98	78.05	39.83	105.33	-96.55	-78.25	-92.61	31.32	6.41	8.75	67.21	-15.61
MRBLD1FB70_COS		413.58	4.34	-198.33	85.71	-70.44	-19.39	-2.20	-68.51	1.84	3.00	-0.12	-0.79	-2.62	-3.21	8.29	13.47
MRBLD1FB70_SIN		0.00	-199.24	2.12	63.67	-0.30	5.28	11.30	27.28	-5.95	2.44	1.64	3.04	3.66	-0.65	-14.03	4.86
MRBLD1FB87_COS		-78.47	32.04	-168.47	3.07	-57.61	-24.62	-5.85	40.31	11.00	6.85	-8.77	-8.95	-2.29	-3.05	2.55	7.88
MRBLD1FB87_SIN		0.00	-196.64	42.20	72.44	5.75	1.23	-4.80	-9.57	9.95	10.85	21.64	-8.44	0.60	1.04	-13.38	1.31
MRBLD1FB120_COS		-475.31	40.67	-259.76	-49.53	-15.71	-0.03	8.21	97.27	-0.95	-6.57	-4.08	1.05	3.80	3.77	-7.12	-11.08
MRBLD1FB120_SIN		0.00	-245.00	117.21	139.95	32.16	3.16	-20.49	-39.11	7.53	-5.29	-9.98	1.66	-6.40	-3.01	19.64	-3.19
MRBLD1FB164_COS		-164.12	19.91	-363.46	63.36	149.53	78.80	7.72	-142.80	0.93	9.60	-0.28	-1.94	-0.02	-0.81	6.89	7.49
MRBLD1FB164_SIN		0.00	-299.97	-77.21	196.41	50.38	-34.51	13.07	48.62	-13.19	6.49	20.00	-6.89	-0.49	3.49	-8.06	-0.50

RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-203.75	-39.96	-219.90	50.21	117.30	51.93	-12.42	-129.88	22.43	15.36	-24.55	-12.00	11.07	10.52	-12.47	-17.50
MRBLD1FB180_SIN		0.00	-194.16	-100.29	87.89	35.41	-14.48	12.21	55.42	-6.30	-1.41	35.71	-11.25	-3.53	-6.98	20.29	-1.12
MRBLD1TOR51_COS		-1408.24	17.18	13.48	123.24	-18.51	-25.12	5.55	-54.74	15.53	4.70	-4.59	2.51	3.15	2.24	-3.35	-2.29
MRBLD1TOR51_SIN		0.00	-80.10	-185.69	60.62	18.04	1.84	3.82	33.46	8.33	-6.16	-6.59	-5.23	2.24	-0.08	2.16	-4.30
MRBLD1TOR71_COS		-259.01	37.72	2.62	104.53	-4.74	-14.34	11.18	-30.96	11.90	1.62	-7.72	1.79	3.12	3.62	-2.28	-1.79
MRBLD1TOR71_SIN		0.00	-83.39	-177.53	37.84	8.75	1.59	5.51	37.65	14.84	-1.68	-1.72	-5.40	1.04	0.04	1.31	-1.72
MRBLD1TOR130_COS		-27.46	21.94	19.99	89.11	12.73	-9.93	9.80	-31.77	8.19	2.76	4.06	-1.28	0.20	0.16	-2.71	-1.13
MRBLD1TOR130_SIN		0.00	-68.25	-182.48	23.21	14.07	3.90	7.98	29.39	7.11	-0.73	3.22	7.88	2.87	0.83	-1.79	2.82
MRBLD1TOR164_COS		-217.93	1.64	69.04	50.47	-7.36	-19.26	-0.99	-8.80	6.40	3.37	-1.62	-0.92	2.37	2.95	-4.60	-0.90
MRBLD1TOR164_SIN		0.00	-26.15	-127.12	-17.38	-0.87	3.63	8.83	20.97	4.37	-0.94	4.56	5.00	1.99	1.26	-2.02	-1.87
MRFBM1CB26P5_COS		-4736.29	-712.03	-22.44	84.89	5.85	-12.88	5.89	-19.82	3.05	-0.25	4.78	-0.59	0.03	-0.24	-4.19	-0.90
MRFBM1CB26P5_SIN		0.00	35.77	-22.81	-4.51	-29.82	-14.02	-10.45	-11.69	-8.90	-2.92	-2.63	2.65	0.64	1.49	0.14	-3.60
MRFBM1FB9_COS		289.34	2.90	156.38	-52.24	29.78	13.55	5.73	21.59	-2.33	-2.56	-4.61	0.76	0.23	0.49	1.88	-0.60
MRFBM1FB9_SIN		0.00	-146.06	64.43	-95.26	-1.70	-1.31	2.78	12.10	4.89	1.78	0.22	-1.79	-0.77	-0.05	0.78	1.87
MRFBM1TOR26P5_COS		-352.99	79.20	-0.42	0.65	-0.35	-0.10	0.17	-0.28	0.19	0.03	-0.06	0.07	-0.01	-0.02	0.21	0.02
MRFBM1TOR26P5_SIN		0.00	-104.03	-0.99	0.14	0.38	-0.25	0.14	0.18	0.25	0.09	-0.08	-0.12	0.04	0.05	0.06	0.01

RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1119.10	-1487.15	-35.65	215.44	-55.21	-70.11	-21.28	-177.18	32.09	19.97	40.77	-3.00	-1.87	-3.06	-32.04	-9.38
MRPC1CB33P25_SIN		0.00	258.62	-81.29	47.50	29.90	-15.58	13.46	-26.63	-50.34	-18.56	-43.78	39.79	8.53	6.42	7.84	-20.06
MRPC1FB33P25_COS		2276.83	198.63	-353.29	253.98	-176.03	-88.89	-60.87	-384.94	-8.89	28.21	96.11	13.57	11.96	0.87	-80.22	-18.82
MRPC1FB33P25_SIN		0.00	96.61	-106.57	247.96	-4.20	42.86	9.43	-96.75	-108.51	-68.59	-34.27	52.89	19.21	18.02	13.19	-61.05
MRPC1TOR25P5_COS		-758.83	7.43	-55.48	-129.95	9.17	16.14	-15.44	40.59	-16.17	-1.55	12.26	-4.59	-2.96	-2.19	-11.97	-1.11
MRPC1TOR25P5_SIN		0.00	132.64	157.07	-36.33	-11.72	2.45	0.37	-43.96	-15.58	4.16	5.78	14.78	-1.75	2.54	-3.58	-1.60
MRPLK1LOAD_COS		-84.03	7.16	-4.24	-15.99	2.04	2.78	-1.59	7.27	-2.00	-0.43	1.48	-0.96	-0.44	-0.22	-2.05	-0.21
MRPLK1LOAD_SIN		0.00	-11.02	23.06	-6.89	-2.35	0.54	-0.50	-5.40	-1.99	0.31	1.17	1.93	-0.55	0.11	-1.32	0.08
PITCHRH_COS		9728.68	-8552.27	-396.87	-23.74	-40.25	-628.49	-166.55	-40.26	92.42	-49.19	55.90	-59.14	21.92	19.72	-19.46	-461.56
PITCHRH_SIN		0.00	2490.37	-819.68	90.10	-53.37	280.56	21.04	152.47	5.18	-63.74	-118.97	2.84	-2.34	69.12	-5.13	101.71
ROLLRH_COS		4686.66	-2041.92	821.86	-78.01	-76.83	-572.86	-116.20	-16.65	113.09	77.29	265.60	-6.72	-34.75	50.12	-3.96	-396.98
ROLLRH_SIN		0.00	-8128.19	-504.81	-21.08	127.63	-116.59	-126.09	-22.52	30.78	-4.02	-47.61	-53.86	12.58	-64.42	7.57	-531.01
TORQ_COS		31177.16	411.80	3.56	11.58	-63.12	112.09	-0.54	23.77	-22.05	1.13	4.77	0.82	2.75	-2.73	-4.28	17.46
TORQ_SIN		0.00	692.15	-6.82	4.12	-86.47	80.64	4.94	26.99	4.55	-5.97	2.94	3.86	-5.48	4.11	-9.79	-12.86
THRUST_COS		5711.02	-70.70	12.59	7.81	10.03	34.06	2.80	21.46	-2.53	-3.00	-29.24	0.83	1.72	-2.46	3.26	13.48
THRUST_SIN		0.00	-51.64	-6.14	7.32	35.49	-34.67	7.21	6.13	1.41	0.70	25.40	-3.13	0.60	-1.11	-5.84	33.35

RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.08	26.01	-19.63	-1.62	-20.16	40.99	6.94	-1.19	-2.12	-3.98	-11.29	0.17	1.31	-1.90	-0.17	11.74
SIDERH_SIN		0.00	162.09	15.71	2.02	-55.62	-51.44	8.80	-1.11	-1.10	0.70	2.16	2.71	-0.48	2.37	-0.43	15.95
DRAGRH_COS		-193.19	222.37	17.73	-0.38	-9.37	26.78	-3.67	-3.87	-1.62	1.04	4.62	4.72	-2.02	-1.67	0.38	22.04
DRAGRH_SIN		0.00	-59.67	18.80	-0.94	9.01	55.71	-14.76	1.59	3.60	3.52	7.72	-2.06	-0.39	-1.90	-0.61	-4.48

RUN	POINT	Harmonics															
49	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.26	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.02	0.02	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.51	1.20	-6.66	-3.85	-1.98	-1.10	-0.67	0.73	0.13	-0.11	0.15	-0.08	0.23	-0.02	0.12	-0.13
ACT1FORCE_SIN		0.00	14.47	-3.80	1.06	0.45	-0.25	-2.02	-0.13	0.46	-0.04	-0.70	0.39	0.14	0.06	-0.05	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		350.30	-15.27	-177.29	27.02	13.44	7.92	8.54	0.10	0.08	-0.03	0.13	-0.05	0.01	-0.06	-0.02	0.02
FA1IBVOLTAGE_SIN		0.00	-83.75	221.04	-12.23	-1.28	4.03	17.95	-0.14	0.09	0.00	-0.12	0.07	0.00	0.01	0.02	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		455.56	15.28	177.25	-26.89	-14.07	-7.85	-8.64	-0.09	-0.11	0.04	-0.10	0.06	0.00	0.05	0.03	-0.02
FA1OBVOLTAGE_SIN		0.00	83.97	-221.92	12.19	1.24	-3.89	-17.90	0.17	0.04	-0.02	0.11	-0.06	-0.01	-0.02	-0.02	-0.02
MRBLD1CB42P75_COS		-4065.22	-1932.96	52.89	168.69	-33.84	-71.80	-59.31	-158.45	35.16	38.47	26.30	-8.82	-5.77	-1.38	-25.99	-2.80
MRBLD1CB42P75_SIN		0.00	-175.44	-74.41	51.03	84.29	-17.73	31.00	-41.47	-31.85	10.76	-66.85	43.85	14.79	6.53	14.79	-14.51

RUN	POINT	Harmonics															
49	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.59	-1203.84	320.05	84.46	-6.76	-52.47	-68.46	-112.46	23.50	45.06	24.81	-6.59	-0.77	0.90	-17.82	0.68
MRBLD1CB70_SIN		0.00	-113.70	-73.52	63.38	225.22	35.66	46.40	1.31	-15.90	10.80	-27.67	27.33	6.90	2.90	7.41	-14.21
MRBLD1CB120_COS		-522.69	-492.63	464.93	90.02	-9.90	7.84	-35.28	-37.07	-41.97	-27.11	-2.67	12.88	7.81	4.40	-0.15	2.90
MRBLD1CB120_SIN		0.00	38.26	-152.13	-16.39	198.67	74.09	39.96	22.02	-1.00	-16.86	34.42	-12.78	0.99	2.01	-4.15	-6.67
MRBLD1CB164_COS		-1959.13	-140.76	123.80	5.60	-45.10	6.47	13.53	38.45	-41.09	-37.63	-8.76	13.98	5.05	2.81	11.85	-4.65
MRBLD1CB164_SIN		0.00	59.34	-45.65	-8.05	77.83	44.81	2.48	16.14	-10.54	-31.59	15.02	-6.83	5.58	0.31	-2.72	11.36
MRBLD1FB42P75_COS		3105.98	345.80	-387.13	354.29	-213.37	-40.88	-86.12	-370.26	-110.22	-76.94	-24.72	53.72	36.20	24.07	-10.10	-42.56
MRBLD1FB42P75_SIN		0.00	20.31	-37.96	126.06	-54.94	75.05	62.42	12.04	-60.41	-45.19	-107.73	13.24	9.11	3.62	55.91	-26.08
MRBLD1FB70_COS		413.48	-1.71	-186.58	87.69	-74.72	-10.89	-9.44	-56.31	-2.91	0.40	0.17	0.38	-3.07	-5.07	3.47	10.21
MRBLD1FB70_SIN		0.00	-199.43	5.33	29.16	-26.69	6.82	16.40	9.44	-1.41	4.61	1.55	4.03	4.10	0.67	-12.07	6.25
MRBLD1FB87_COS		-78.60	25.45	-163.10	9.27	-57.88	-22.38	-4.73	33.58	17.19	16.27	8.64	-9.34	-4.19	-4.96	-1.97	5.23
MRBLD1FB87_SIN		0.00	-191.96	37.60	49.49	-3.74	3.86	-4.44	-1.92	5.27	6.06	24.80	-4.81	-0.45	3.00	-10.56	3.28
MRBLD1FB120_COS		-481.75	32.93	-267.98	-26.00	-7.16	-4.51	18.28	79.69	4.53	-3.14	-6.52	1.16	4.61	6.55	-0.82	-8.13
MRBLD1FB120_SIN		0.00	-232.36	95.34	106.20	44.89	-1.25	-27.65	-15.89	0.30	-7.01	-10.95	-0.50	-4.65	-5.68	14.65	-5.14
MRBLD1FB164_COS		-170.82	23.72	-240.53	52.29	184.52	78.65	4.26	-117.33	-8.87	5.59	8.80	-1.34	-0.81	-1.31	4.31	6.93
MRBLD1FB164_SIN		0.00	-308.11	-5.63	179.71	86.29	-20.58	22.36	9.59	-5.19	8.90	19.16	-5.16	-3.25	2.20	-6.34	1.75

RUN	POINT	Harmonics															
49	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-205.95	-18.22	-84.55	32.38	135.85	69.90	-11.41	-115.45	8.92	24.85	8.86	-17.75	5.33	12.45	-5.98	-15.89
MRBLD1FB180_SIN		0.00	-218.86	-30.25	96.88	45.46	-13.31	27.46	20.04	-8.33	-7.89	40.38	-6.24	-3.29	-7.10	15.82	-5.33
MRBLD1TOR51_COS		-1416.14	41.00	158.97	72.91	-30.00	-20.96	4.39	-46.65	4.21	2.58	-2.21	0.22	2.24	1.66	-2.54	0.49
MRBLD1TOR51_SIN		0.00	-125.83	-67.38	92.96	-5.70	-12.69	8.43	25.96	4.96	-3.78	-2.35	-2.63	1.26	1.22	1.44	-7.15
MRBLD1TOR71_COS		-265.37	63.17	139.72	56.45	-17.55	-11.77	10.68	-28.13	3.94	1.22	-3.70	-0.98	2.39	3.41	-1.71	-0.67
MRBLD1TOR71_SIN		0.00	-121.36	-67.19	71.95	-9.59	-12.79	9.66	32.39	10.89	-0.22	3.25	-2.92	-0.62	1.32	0.67	-3.63
MRBLD1TOR130_COS		-34.45	48.12	161.26	44.04	0.69	-9.26	8.30	-26.99	1.39	-1.11	2.07	-0.77	0.21	0.27	-2.25	-2.32
MRBLD1TOR130_SIN		0.00	-109.19	-74.15	60.88	3.26	-8.46	10.39	23.09	5.75	0.07	0.22	8.34	3.42	1.70	-1.25	4.38
MRBLD1TOR164_COS		-222.55	23.09	163.30	20.56	-15.61	-14.87	-3.28	-8.61	5.89	6.02	0.46	-0.66	1.76	4.05	-2.95	-2.20
MRBLD1TOR164_SIN		0.00	-56.45	-53.17	12.80	-14.28	-2.24	10.16	16.89	3.60	0.20	6.52	4.35	2.58	1.17	-0.53	0.62
MRFBM1CB26P5_COS		-4736.09	-848.71	-17.20	72.50	4.20	-7.89	1.60	-15.81	1.15	-3.33	-0.39	1.82	0.61	0.71	-3.27	-0.60
MRFBM1CB26P5_SIN		0.00	-173.99	-11.14	-6.70	-26.25	-21.38	-6.15	-12.87	-7.03	-3.27	-10.28	1.29	1.39	1.28	1.39	-2.69
MRFBM1FB9_COS		279.51	151.65	141.20	-61.52	25.49	11.22	7.46	15.29	-0.17	-0.75	-3.71	0.12	0.18	0.23	1.46	-1.06
MRFBM1FB9_SIN		0.00	-48.42	48.29	-70.83	9.54	-3.99	1.64	12.86	4.98	1.89	2.35	-1.79	-1.40	-0.54	0.12	1.29
MRFBM1TOR26P5_COS		-353.76	83.22	0.64	0.54	-0.50	-0.03	0.17	-0.21	0.16	0.10	0.04	0.06	-0.01	-0.07	0.14	0.06
MRFBM1TOR26P5_SIN		0.00	-102.44	-0.08	0.50	0.10	-0.31	0.28	0.12	0.21	0.06	0.08	-0.12	0.02	0.01	0.04	-0.04

RUN	POINT	Harmonics															
49	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1100.75	-1741.13	-25.96	199.91	-41.23	-54.42	-38.07	-138.92	13.41	13.29	16.06	2.06	0.38	2.18	-23.59	-1.86
MRPC1CB33P25_SIN		0.00	-93.82	-61.09	21.65	8.81	-20.84	19.00	-46.81	-39.67	-7.65	-58.14	32.75	13.43	8.47	13.03	-16.61
MRPC1FB33P25_COS		2272.05	266.80	-338.90	266.53	-166.38	-58.46	-90.74	-291.76	-52.14	-28.92	43.40	28.95	19.98	11.55	-57.46	-1.75
MRPC1FB33P25_SIN		0.00	190.09	-89.94	167.82	-83.14	52.75	16.47	-141.13	-98.39	-71.74	-91.65	42.34	31.03	22.93	24.90	-52.41
MRPC1TOR25P5_COS		-748.08	-8.47	-217.37	-72.66	24.63	10.82	-15.17	35.58	-5.33	0.09	5.41	-2.43	-1.30	0.44	-9.15	-4.59
MRPC1TOR25P5_SIN		0.00	187.60	33.09	-75.32	11.26	21.35	-6.18	-37.11	-12.02	2.44	-0.85	11.11	-0.13	2.61	-0.91	4.89
MRPLK1LOAD_COS		-83.49	4.04	-24.47	-8.68	4.08	2.12	-1.64	6.23	-0.35	-0.20	0.66	-0.77	-0.14	0.20	-1.56	-0.91
MRPLK1LOAD_SIN		0.00	-5.30	6.88	-11.71	1.02	2.66	-1.20	-4.39	-1.39	0.11	0.07	1.40	-0.28	0.25	-0.99	1.15
PITCHRH_COS		7001.83	-8516.50	-259.67	-80.89	-89.10	-813.73	-10.66	-79.21	74.48	14.76	-45.51	-36.02	27.91	0.23	-2.26	-387.99
PITCHRH_SIN		0.00	2477.74	-701.21	51.29	-28.38	-27.87	81.22	189.26	13.95	-80.16	-219.16	-25.19	4.98	18.18	5.75	150.18
ROLLRH_COS		2652.12	-2122.91	778.10	-27.86	-207.70	-78.79	-79.87	-47.54	128.47	90.42	281.13	8.09	-36.87	19.80	-5.83	-451.84
ROLLRH_SIN		0.00	-8046.31	-413.68	-35.43	168.25	-98.16	-151.65	30.95	19.96	49.65	-163.21	-32.72	-18.49	-43.55	-1.56	-315.55
TORQ_COS		31491.40	374.86	-3.91	24.30	-77.33	108.25	-3.72	25.81	-20.61	-3.25	21.71	-2.28	3.15	-2.92	-3.18	10.51
TORQ_SIN		0.00	662.66	-14.33	5.37	-86.59	115.57	0.24	29.97	-2.50	-4.69	20.37	7.33	-8.55	6.48	-8.17	-19.06
THRUST_COS		5676.00	-65.87	24.58	10.05	12.40	28.31	-0.85	24.56	-3.52	-6.83	-3.50	0.84	0.64	-1.05	1.56	2.84
THRUST_SIN		0.00	-49.83	6.09	-0.11	33.64	-41.00	4.34	5.78	0.61	3.76	50.05	1.53	2.44	0.99	-4.99	34.94

RUN	POINT	Harmonics															
49	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.00	37.77	-21.14	-1.64	-9.24	18.78	4.04	-0.33	-2.44	-4.56	-12.81	-0.14	1.31	-0.66	0.03	13.25
SIDERH_SIN		0.00	156.93	13.42	2.32	-84.59	-29.08	7.29	-2.23	-0.32	-1.42	4.96	1.67	0.73	1.55	-0.10	9.04
DRAGRH_COS		-215.73	221.25	12.80	-2.08	-18.09	13.39	-16.75	-6.84	0.02	-1.44	9.11	2.45	-1.67	-0.67	-0.51	18.79
DRAGRH_SIN		0.00	-60.99	21.07	0.00	6.98	8.98	-25.09	3.03	1.46	2.41	12.90	-0.36	0.19	-1.40	-1.48	-7.67

RUN	POINT	Harmonics															
44	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	-1.31	0.00	0.00	0.00	0.04	-0.01	0.02	0.02	0.00	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.69	0.00	0.00	0.00	0.00	0.02	0.07	-0.01	0.00	0.01	-0.02	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.56	1.30	-0.99	-3.16	-0.51	-1.44	-0.33	1.36	-0.26	-0.06	0.66	0.22	-0.07	0.13	0.44	-0.33
ACT1FORCE_SIN		0.00	13.81	3.82	-7.87	-0.48	0.83	-0.36	0.04	0.58	1.92	-0.19	0.09	0.06	-0.47	0.15	-0.18
FA1IBCURRENT_COS		0.00	-0.01	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.10	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.12	-17.64	-2.70	-265.72	7.17	14.56	0.02	0.03	-0.04	-0.22	0.12	0.07	-0.04	0.05	0.01	-0.08
FA1IBVOLTAGE_SIN		0.00	-87.19	-29.48	-39.80	6.08	-8.66	3.12	-0.16	0.00	-0.11	0.23	-0.07	0.00	0.03	-0.04	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.93	17.77	2.64	266.56	-6.88	-14.45	0.26	-0.09	0.06	0.20	-0.10	-0.05	0.01	-0.05	0.02	0.07
FA1OBVOLTAGE_SIN		0.00	87.35	29.51	39.14	-5.99	8.76	-3.72	0.19	0.09	0.08	-0.24	0.07	-0.04	-0.02	0.03	0.03
MRBLD1CB42P75_COS		-4234.27	-1297.22	85.71	131.15	-15.18	-45.60	-27.91	-158.19	50.07	37.23	29.05	20.23	-14.51	-9.45	-42.24	5.09
MRBLD1CB42P75_SIN		0.00	-38.33	-143.51	132.28	184.01	-20.41	14.11	-45.12	-22.24	3.09	-69.02	28.77	7.13	-4.07	12.42	-25.62

RUN	POINT	Harmonics															
44	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2792.13	-813.68	355.86	32.44	11.39	-40.76	18.35	-103.67	32.65	33.09	13.69	14.28	-8.71	-5.02	-33.81	2.81
MRBLD1CB70_SIN		0.00	4.08	-100.11	133.49	360.24	13.41	49.37	1.19	-13.85	1.48	-14.22	12.99	4.53	-5.90	10.53	-23.58
MRBLD1CB120_COS		-472.00	-347.05	474.78	69.23	64.06	7.29	77.58	-41.13	-18.89	-12.29	0.78	-4.72	9.03	8.01	0.17	4.35
MRBLD1CB120_SIN		0.00	103.36	-141.78	74.52	317.49	37.69	88.81	21.82	-7.73	3.05	41.64	-3.50	4.28	4.08	-4.43	-6.31
MRBLD1CB164_COS		-1961.18	-109.85	141.12	-33.80	13.07	0.12	46.51	34.59	-27.38	-16.77	4.67	-2.76	8.48	1.37	23.22	-7.57
MRBLD1CB164_SIN		0.00	71.58	-40.45	12.24	126.01	31.47	31.50	17.90	-7.07	-9.57	9.23	2.41	7.24	6.49	-0.97	17.21
MRBLD1FB42P75_COS		3216.94	180.82	-426.19	310.85	101.42	-19.98	-17.30	-417.68	-40.00	-6.45	-0.39	61.15	14.12	6.56	-31.88	-47.31
MRBLD1FB42P75_SIN		0.00	-22.75	-110.15	295.74	-36.35	87.58	60.35	28.42	-88.87	-45.47	-138.90	20.03	9.20	5.08	82.21	-48.99
MRBLD1FB70_COS		408.45	9.30	-200.60	63.19	24.31	-2.95	6.34	-62.72	4.81	5.11	-0.51	-2.18	-2.01	-2.44	6.99	10.93
MRBLD1FB70_SIN		0.00	-205.46	-22.74	83.94	-16.84	9.46	16.24	12.78	-4.29	4.89	3.93	2.32	2.98	0.12	-17.19	10.26
MRBLD1FB87_COS		-77.60	35.39	-173.18	-12.36	-14.15	-21.23	-7.49	38.19	7.64	5.00	5.36	-11.85	-0.58	0.35	4.78	6.34
MRBLD1FB87_SIN		0.00	-197.82	21.10	72.58	-3.92	3.45	-1.26	-3.51	8.13	4.66	30.72	-3.61	-1.07	0.75	-16.52	9.13
MRBLD1FB120_COS		-475.34	32.97	-267.79	-76.36	-15.40	-12.19	-7.38	89.67	-9.29	-9.49	-8.44	1.80	1.49	0.32	-9.09	-9.55
MRBLD1FB120_SIN		0.00	-235.84	65.22	115.53	23.10	11.76	-23.15	-15.28	7.56	-7.72	-12.24	-1.36	-3.98	-2.29	23.27	-14.81
MRBLD1FB164_COS		-175.91	53.50	-341.64	170.33	-2.37	50.61	27.11	-130.75	10.37	9.20	6.65	-4.53	2.39	2.79	6.73	4.45
MRBLD1FB164_SIN		0.00	-277.70	-31.79	244.60	86.44	-50.10	20.97	11.99	-21.59	6.00	22.98	-4.29	1.05	5.24	-9.05	9.70

RUN	POINT	Harmonics															
44	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.01	-4.45	-196.51	156.15	15.67	35.73	-1.31	-117.90	22.94	1.28	-2.53	-15.32	11.61	6.10	-10.24	-13.33
MRBLD1FB180_SIN		0.00	-183.08	-27.08	146.13	65.47	-29.61	25.00	30.95	-18.37	-17.64	54.05	-0.87	-3.79	-7.90	24.73	-18.55
MRBLD1TOR51_COS		-1416.06	60.03	25.27	210.66	-80.08	-6.03	13.07	-39.28	15.53	7.65	-5.00	-1.43	3.26	2.71	-4.80	3.03
MRBLD1TOR51_SIN		0.00	-88.40	-58.45	200.03	39.70	-15.89	-2.29	23.40	7.24	2.78	2.25	-2.14	1.07	-2.59	3.26	-7.51
MRBLD1TOR71_COS		-272.94	75.46	12.39	190.09	-72.15	1.04	15.75	-20.16	11.32	4.01	-7.66	-3.33	3.05	2.69	-1.75	1.18
MRBLD1TOR71_SIN		0.00	-87.83	-54.94	165.82	26.98	-15.14	-1.57	30.86	12.68	5.05	7.01	-1.05	1.03	-1.83	1.13	-3.82
MRBLD1TOR130_COS		-31.51	63.30	33.08	181.85	-61.19	0.19	14.50	-22.24	9.22	4.19	3.29	-2.49	-0.15	-1.13	-0.48	-3.67
MRBLD1TOR130_SIN		0.00	-72.67	-55.25	143.70	35.05	-11.12	0.47	22.11	7.87	4.89	2.13	11.32	3.11	1.45	-2.51	2.98
MRBLD1TOR164_COS		-226.51	30.02	77.12	113.30	-29.70	-12.13	1.57	-6.41	4.47	4.16	-1.28	-1.97	1.16	0.56	-4.59	-2.73
MRBLD1TOR164_SIN		0.00	-32.47	-28.75	61.98	16.77	-0.29	5.30	18.90	3.03	-2.70	7.33	6.75	2.57	2.68	-1.78	-1.37
MRFBM1CB26P5_COS		-4752.86	-517.50	-10.13	78.75	-8.92	-0.68	-11.70	-16.76	3.47	0.26	4.56	1.83	0.32	0.28	-3.92	1.10
MRFBM1CB26P5_SIN		0.00	-73.86	-40.49	11.63	-35.27	-13.71	-10.21	-13.01	-5.26	-1.33	-15.48	3.04	0.44	1.18	0.15	-2.90
MRFBM1FB9_COS		301.19	-115.77	144.16	-31.11	-5.40	10.45	7.14	16.99	-2.77	-2.14	-4.39	-0.50	0.28	0.25	2.44	-1.77
MRFBM1FB9_SIN		0.00	-47.42	102.56	-107.41	-9.64	-5.02	-2.90	13.85	3.55	0.37	1.58	-1.99	-0.51	0.04	0.60	1.40
MRFBM1TOR26P5_COS		-356.86	81.74	-0.22	1.16	-1.69	0.01	0.02	-0.09	0.18	0.04	-0.04	0.13	0.02	0.02	0.10	0.07
MRFBM1TOR26P5_SIN		0.00	-91.09	-0.12	1.11	0.78	-0.52	0.15	0.07	0.23	0.11	0.15	-0.28	0.01	0.01	0.07	-0.02

RUN	POINT	Harmonics															
44	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1123.92	-1185.49	-9.13	192.73	-12.57	-32.44	-28.50	-148.69	34.50	22.68	25.84	16.88	-6.92	-4.70	-39.13	5.96
MRPC1CB33P25_SIN		0.00	-18.95	-128.52	99.78	59.78	-16.89	10.19	-52.74	-31.42	-5.34	-66.88	25.12	6.79	0.01	10.85	-26.72
MRPC1FB33P25_COS		2272.76	113.74	-348.55	191.82	92.36	-46.68	-31.53	-332.93	11.45	21.60	80.65	29.79	3.55	-0.76	-93.12	17.16
MRPC1FB33P25_SIN		0.00	138.56	-158.05	297.02	4.54	68.24	35.78	-146.22	-86.83	-37.90	-99.62	53.82	16.11	8.86	20.91	-70.68
MRPC1TOR25P5_COS		-767.29	-44.18	-56.77	-228.54	91.82	-4.91	-21.69	27.83	-16.16	-5.12	11.30	0.48	-5.45	-4.40	-8.39	-6.43
MRPC1TOR25P5_SIN		0.00	152.93	16.46	-192.70	-25.37	22.06	4.36	-33.01	-12.84	-5.06	-7.95	13.14	0.81	4.14	-5.16	0.57
MRPLK1LOAD_COS		-83.19	3.84	-5.64	-28.49	11.90	0.03	-2.91	5.31	-2.23	-0.86	1.46	-0.55	-0.66	-0.79	-0.89	-1.37
MRPLK1LOAD_SIN		0.00	-7.65	5.65	-26.54	-4.53	3.42	0.24	-3.91	-1.44	-1.00	-0.89	2.36	-0.12	0.49	-1.70	0.57
PITCHRH_COS		11437.04	-8583.04	-329.55	-14.36	-46.79	-25.37	-175.40	9.42	86.93	-61.30	9.46	-41.87	-4.12	11.19	-18.68	-362.95
PITCHRH_SIN		0.00	2162.07	-828.11	70.96	32.38	-737.19	70.35	84.09	-105.49	-6.86	-227.96	4.26	-18.32	5.48	-2.86	196.78
ROLLRH_COS		2155.49	-1730.23	851.81	-52.80	-111.62	499.03	-162.98	-178.20	163.45	81.54	277.54	-4.55	-39.81	45.95	-63.75	-387.99
ROLLRH_SIN		0.00	-8163.07	-584.09	-28.18	205.97	1179.89	-66.71	1.36	48.45	-25.78	-46.79	-9.45	14.40	-21.82	-77.19	-480.70
TORQ_COS		30669.69	417.19	-12.10	21.51	-30.53	25.26	1.18	15.54	-22.07	-5.06	9.88	-2.36	2.26	-4.49	-2.37	7.33
TORQ_SIN		0.00	684.96	-14.25	-4.38	-125.78	94.92	0.91	30.23	-8.66	-3.45	50.34	5.37	-3.83	2.71	-8.82	-14.01
THRUST_COS		5758.00	-56.82	14.27	5.29	7.93	9.77	5.00	21.81	-2.97	-6.97	-16.07	-0.29	3.69	-3.21	8.44	-3.32
THRUST_SIN		0.00	-63.57	-2.30	15.29	34.98	-16.68	4.25	9.28	1.77	-0.46	68.86	-2.36	1.35	1.76	-7.20	42.84

RUN	POINT	Harmonics															
44	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.05	21.11	-20.35	-0.73	-7.21	-127.44	13.92	4.44	-4.21	-4.63	-13.33	0.43	1.10	-1.30	1.78	11.74
SIDERH_SIN		0.00	175.69	15.16	-1.10	-55.38	-94.98	2.71	1.22	0.84	1.49	1.65	0.99	-0.42	0.86	2.10	13.60
DRAGRH_COS		-157.47	225.84	15.27	0.05	7.09	210.69	-0.22	-6.04	-3.69	5.66	-3.29	2.44	-0.61	0.81	1.04	15.38
DRAGRH_SIN		0.00	-55.33	18.72	-1.99	1.45	-7.47	-11.46	-1.85	9.00	0.50	12.61	-0.75	1.26	0.67	-0.97	-7.21

RUN	POINT	Harmonics															
44	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	-1.44	0.00	0.00	0.00	0.04	-0.01	0.07	0.02	0.00	0.01	-0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00	0.02	0.04	-0.02	0.01	0.01	-0.01	-0.01	0.01
ACT1DISP_COS		2.64	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.40	1.10	-0.46	-5.79	-0.77	-0.81	-0.28	1.14	-0.35	1.30	0.68	0.27	0.10	-0.09	0.38	-0.48
ACT1FORCE_SIN		0.00	13.67	4.15	-7.58	-1.56	1.00	-0.35	-0.21	0.50	1.39	-0.29	0.37	0.34	-0.38	-0.28	0.21
FA1IBCURRENT_COS		0.00	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.94	-15.74	-6.49	-262.67	9.44	8.19	0.17	0.00	-0.05	-0.24	0.04	0.00	-0.09	0.08	0.02	-0.12
FA1IBVOLTAGE_SIN		0.00	-86.98	-28.34	33.92	13.02	-10.55	3.46	-0.16	0.04	0.17	0.09	-0.03	0.07	-0.01	0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.13	15.84	6.42	263.28	-9.20	-8.05	-0.23	-0.08	0.10	0.19	-0.04	-0.02	0.04	-0.08	-0.02	0.11
FA1OBVOLTAGE_SIN		0.00	87.13	28.40	-34.77	-12.99	10.56	-4.12	0.21	0.00	-0.18	-0.12	0.01	-0.06	0.02	-0.03	-0.01
MRBLD1CB42P75_COS		-4185.88	-1443.63	71.92	151.99	21.14	-40.91	-37.01	-160.96	48.93	44.23	51.31	1.53	-16.93	-8.19	-39.92	1.84
MRBLD1CB42P75_SIN		0.00	-202.62	-171.26	169.33	160.20	-33.91	16.14	-32.15	-36.75	-5.36	-52.85	32.23	13.74	0.36	22.88	-28.22

RUN	POINT	Harmonics															
44	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2831.71	-901.99	349.26	43.45	76.13	-19.37	6.63	-101.11	31.07	38.21	48.46	4.44	-7.94	-2.75	-25.75	0.45
MRBLD1CB70_SIN		0.00	-108.67	-119.50	165.38	331.58	-12.12	25.22	8.80	-20.40	-7.67	-15.71	18.51	9.88	-1.26	17.86	-26.11
MRBLD1CB120_COS		-456.48	-374.91	470.37	82.73	115.93	31.19	81.59	-37.92	-26.98	-5.85	-10.23	7.12	10.84	8.77	0.53	3.74
MRBLD1CB120_SIN		0.00	41.22	-150.21	90.11	276.33	7.57	45.91	32.90	-4.66	5.93	36.87	-5.45	0.58	2.58	-3.52	-5.68
MRBLD1CB164_COS		-1958.87	-116.23	142.98	-35.89	31.81	14.35	52.05	37.62	-32.34	-14.23	-22.87	6.29	8.80	2.33	18.77	-5.55
MRBLD1CB164_SIN		0.00	52.53	-40.83	28.55	100.25	22.36	11.20	17.99	-1.93	-2.83	11.63	-1.13	4.09	4.04	-6.67	19.36
MRBLD1FB42P75_COS		3193.38	226.41	-438.44	383.65	45.28	-24.61	-8.55	-405.57	-59.22	15.41	4.40	52.34	16.80	18.03	-6.24	-52.86
MRBLD1FB42P75_SIN		0.00	6.16	-107.65	372.37	-141.39	62.84	54.31	75.14	-101.31	-56.35	-91.07	24.95	12.16	2.08	93.56	-45.60
MRBLD1FB70_COS		402.75	8.06	-203.74	84.64	10.76	-3.63	8.34	-60.62	2.39	6.57	1.60	-1.66	-1.87	-4.32	2.37	11.77
MRBLD1FB70_SIN		0.00	-208.13	-22.06	115.52	-50.90	3.72	15.48	20.57	-6.46	3.01	3.62	2.98	3.17	0.86	-19.78	9.09
MRBLD1FB87_COS		-81.17	33.46	-174.11	-3.68	-21.71	-20.37	-6.76	35.84	9.05	-0.05	2.73	-9.34	-1.37	-2.21	-1.15	6.75
MRBLD1FB87_SIN		0.00	-196.37	22.19	93.33	-20.66	2.38	-0.70	-7.97	9.08	5.85	20.31	-5.84	-2.26	1.68	-17.76	9.41
MRBLD1FB120_COS		-475.35	29.62	-266.71	-71.99	-19.49	-4.97	-8.65	89.03	-2.93	-10.59	-6.95	0.89	3.13	5.41	0.56	-8.78
MRBLD1FB120_SIN		0.00	-224.11	67.76	148.41	22.84	15.77	-21.44	-27.18	11.41	-3.67	-9.21	-0.34	-3.87	-4.27	24.84	-15.07
MRBLD1FB164_COS		-180.37	53.48	-363.52	204.39	22.48	43.44	31.02	-125.62	0.87	8.39	5.11	-3.76	3.08	1.70	2.92	5.06
MRBLD1FB164_SIN		0.00	-263.00	-34.39	229.48	144.21	-39.96	13.92	32.14	-23.45	5.07	17.00	-6.82	-1.48	5.39	-10.52	9.02

RUN	POINT	Harmonics															
44	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-214.36	-4.21	-216.41	179.98	38.60	28.86	1.04	-113.25	16.64	-7.51	-8.59	-12.88	11.68	12.18	2.02	-11.54
MRBLD1FB180_SIN		0.00	-171.83	-31.34	115.36	107.71	-22.71	19.82	46.24	-16.28	-11.01	35.06	-6.81	-8.44	-11.59	25.30	-16.14
MRBLD1TOR51_COS		-1418.75	57.93	9.94	251.94	-70.79	-7.02	5.31	-37.62	9.06	10.90	-1.24	1.42	4.12	3.32	-3.23	0.77
MRBLD1TOR51_SIN		0.00	-90.34	-68.61	164.28	53.64	-20.77	1.24	31.28	4.89	-4.70	-1.87	-2.06	0.64	-1.54	5.95	-7.15
MRBLD1TOR71_COS		-275.00	75.08	-1.30	226.96	-63.93	-0.39	8.21	-17.85	6.18	5.91	-4.40	0.95	3.97	3.07	-0.65	0.08
MRBLD1TOR71_SIN		0.00	-87.59	-63.39	128.08	44.12	-18.31	1.93	36.33	11.59	-1.17	2.35	-1.57	0.29	-1.19	1.70	-2.62
MRBLD1TOR130_COS		-32.97	62.62	20.50	215.51	-51.75	-1.56	8.27	-20.55	6.38	6.11	3.08	-0.08	-0.26	-1.65	-1.36	-2.44
MRBLD1TOR130_SIN		0.00	-72.46	-63.86	100.51	56.50	-12.71	2.95	26.76	6.30	2.26	2.84	9.65	3.23	1.86	-4.84	4.03
MRBLD1TOR164_COS		-226.18	28.97	70.81	133.04	-23.08	-11.97	-1.95	-4.88	4.97	1.62	-0.73	-0.51	1.33	1.96	-4.68	-0.82
MRBLD1TOR164_SIN		0.00	-34.54	-34.71	29.22	21.38	-1.63	6.69	19.11	3.36	-2.53	6.20	5.05	2.02	3.07	-1.29	-0.79
MRFBM1CB26P5_COS		-4724.56	-589.09	-14.50	87.76	-15.97	-5.57	-10.55	-18.15	3.04	0.79	-1.19	0.44	-0.21	0.61	-5.07	0.96
MRFBM1CB26P5_SIN		0.00	-152.59	-50.11	13.00	-30.09	-11.73	-3.67	-11.33	-7.24	-0.84	-10.31	2.35	0.18	1.19	1.83	-2.71
MRFBM1FB9_COS		281.57	-37.12	150.57	-41.63	-5.85	9.50	5.31	18.41	-2.73	-2.96	-4.02	0.17	0.47	0.24	2.63	-1.73
MRFBM1FB9_SIN		0.00	-27.47	108.39	-132.94	3.84	-2.43	-4.04	11.98	4.63	0.32	0.58	-1.62	-0.68	-0.31	-0.11	1.59
MRFBM1TOR26P5_COS		-356.88	82.36	-0.31	1.41	-1.45	-0.03	-0.04	-0.06	0.11	0.14	0.03	0.05	0.05	0.00	0.14	0.03
MRFBM1TOR26P5_SIN		0.00	-90.39	-0.12	0.92	1.10	-0.46	0.22	0.08	0.20	0.04	0.06	-0.22	0.04	0.00	0.14	-0.07

RUN	POINT	Harmonics															
44	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1090.07	-1316.61	-25.39	216.98	-3.65	-34.25	-28.37	-152.21	30.69	29.45	29.08	4.29	-8.45	-2.18	-37.20	2.76
MRPC1CB33P25_SIN		0.00	-156.94	-153.77	124.66	38.36	-23.20	17.76	-37.38	-44.44	-9.04	-47.13	25.96	11.03	2.96	22.75	-28.26
MRPC1FB33P25_COS		2250.40	154.32	-359.68	236.35	71.92	-41.68	-23.45	-342.69	3.06	42.86	57.88	19.86	3.22	8.92	-87.79	11.28
MRPC1FB33P25_SIN		0.00	166.77	-156.22	375.63	-96.29	47.28	32.34	-104.88	-104.40	-34.29	-62.83	51.41	19.59	16.16	49.26	-73.43
MRPC1TOR25P5_COS		-765.14	-37.64	-43.69	-272.93	84.62	-2.68	-13.40	25.93	-8.69	-9.44	8.15	-1.73	-6.45	-4.24	-10.30	-3.33
MRPC1TOR25P5_SIN		0.00	155.42	29.74	-150.56	-46.54	27.13	1.23	-40.73	-10.90	3.30	-1.27	12.57	1.33	4.12	-7.87	2.46
MRPLK1LOAD_COS		-83.04	3.86	-3.51	-34.37	10.88	0.33	-1.71	4.94	-1.16	-1.65	0.73	-0.37	-0.90	-0.78	-1.24	-0.73
MRPLK1LOAD_SIN		0.00	-7.73	7.07	-21.18	-6.89	3.97	-0.14	-5.00	-1.13	0.27	0.04	1.86	-0.11	0.48	-2.51	1.15
PITCHRH_COS		10129.70	-8589.87	-365.90	-2.70	-49.54	-434.30	-238.55	17.48	18.80	-58.45	84.19	-74.65	-27.41	-7.25	7.21	-361.81
PITCHRH_SIN		0.00	2164.63	-841.33	29.13	32.35	-971.73	97.19	79.85	-85.48	19.27	-79.62	-19.76	-13.28	40.11	23.18	187.46
ROLLRH_COS		1721.56	-1707.75	838.10	-73.67	-110.09	1072.91	-139.81	-110.70	140.96	41.17	299.10	24.35	-66.06	52.42	-53.03	-427.50
ROLLRH_SIN		0.00	-8162.08	-604.52	-54.37	212.52	707.56	-106.25	56.03	-17.02	-33.15	-22.36	-27.95	-1.20	-65.01	-22.79	-630.66
TORQ_COS		31187.30	424.31	-9.78	11.35	-67.02	40.57	-0.84	17.93	-19.11	-2.05	27.17	0.85	4.00	-3.04	-4.70	-3.29
TORQ_SIN		0.00	672.78	-8.19	-3.98	-129.83	102.16	-2.86	30.85	-1.84	-3.04	31.33	7.13	-2.35	4.16	-10.63	-15.97
THRUST_COS		5701.95	-58.21	10.93	6.90	10.32	18.45	3.96	20.62	-1.96	-5.93	-8.86	2.27	4.49	-1.47	2.05	-2.22
THRUST_SIN		0.00	-61.16	-2.64	17.57	35.84	-7.73	6.11	4.79	0.53	0.57	45.35	-2.70	2.31	1.90	-8.96	52.60

RUN	POINT	Harmonics															
44	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.40	15.64	-18.16	-0.59	-10.89	-142.26	8.90	3.21	-2.56	-2.83	-13.78	-1.35	2.18	-1.59	1.44	12.25
SIDERH_SIN		0.00	173.01	16.00	-2.87	-62.86	-22.90	9.94	-1.30	2.04	2.14	2.47	1.65	-0.08	1.93	0.52	17.47
DRAGRH_COS		-164.63	225.54	14.56	1.52	2.82	180.47	14.36	-8.35	0.00	4.40	1.05	4.57	0.42	0.70	-0.76	15.55
DRAGRH_SIN		0.00	-55.21	17.80	-1.52	-2.16	-82.75	-15.66	-1.04	6.02	-3.28	10.19	0.42	-0.99	-0.98	-2.49	-7.66

RUN	POINT	Harmonics															
44	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-1.08	0.00	0.00	0.00	0.04	-0.01	-0.04	0.01	0.00	-0.01	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.00	0.00	0.00	0.00	0.01	0.02	0.06	-0.01	-0.01	0.01	-0.01	0.01	-0.01
ACT1DISP_COS		2.64	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.74	1.36	-1.64	-0.32	-0.62	-1.66	-0.29	1.33	-0.26	-1.45	0.48	0.22	-0.06	0.36	0.04	0.33
ACT1FORCE_SIN		0.00	13.68	3.43	-6.98	0.18	0.63	-0.55	0.43	0.47	1.44	-0.10	0.02	-0.12	-0.19	0.34	-0.21
FA1IBCURRENT_COS		0.00	-0.01	-0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.09	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.25	-17.07	2.78	-248.28	6.72	16.30	0.04	0.10	0.03	-0.15	0.00	0.08	-0.04	0.06	-0.02	0.08
FA1IBVOLTAGE_SIN		0.00	-85.13	-27.57	-117.55	2.37	-5.82	2.14	-0.14	0.05	-0.24	0.06	0.08	-0.05	0.04	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.08	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.82	17.17	-2.84	249.17	-6.46	-16.23	0.57	-0.15	-0.06	0.16	0.02	-0.08	0.04	-0.05	0.04	-0.08
FA1OBVOLTAGE_SIN		0.00	85.29	27.57	117.44	-2.17	5.95	-2.47	0.17	0.05	0.20	-0.05	-0.08	0.01	-0.04	0.01	-0.01
MRBLD1CB42P75_COS		-4210.36	-1382.75	112.70	147.28	-18.89	-36.31	-28.03	-108.32	51.91	36.90	27.66	15.41	-14.19	-10.58	-41.04	5.01
MRBLD1CB42P75_SIN		0.00	-151.69	-127.39	88.18	215.68	-17.55	17.42	-47.55	-8.39	5.79	-88.43	37.11	-0.53	0.22	10.46	-22.01

RUN	POINT	Harmonics															
44	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2809.15	-865.25	373.08	50.65	4.04	-32.35	8.16	-74.31	38.06	36.94	4.74	11.87	-8.69	-4.42	-25.59	6.00
MRBLD1CB70_SIN		0.00	-84.23	-81.45	91.69	388.88	28.93	70.97	-5.46	-4.11	2.68	-31.79	18.42	-1.68	-1.01	10.78	-17.94
MRBLD1CB120_COS		-472.89	-365.25	486.82	73.60	58.08	5.28	46.74	-28.78	-18.20	-22.15	2.06	-1.81	9.49	8.30	0.64	5.51
MRBLD1CB120_SIN		0.00	54.28	-122.23	40.95	354.10	53.82	116.83	8.13	-2.64	-1.30	45.83	-9.25	8.37	4.96	-4.20	-6.68
MRBLD1CB164_COS		-1962.70	-114.06	140.67	-21.02	9.58	-3.89	32.94	24.25	-26.55	-26.24	12.26	-1.04	8.46	1.68	14.91	-8.48
MRBLD1CB164_SIN		0.00	60.46	-34.64	-3.87	148.82	37.75	43.81	12.58	-8.79	-13.44	20.00	-1.04	11.18	3.71	-0.59	13.94
MRBLD1FB42P75_COS		3203.96	207.30	-407.70	316.56	115.09	-24.82	-29.91	-323.24	-33.90	-37.64	0.54	63.06	19.12	10.37	-38.51	-40.93
MRBLD1FB42P75_SIN		0.00	16.96	-112.97	232.12	66.35	66.19	73.04	-39.51	-64.06	-26.64	-159.33	21.76	3.37	9.30	79.02	-46.14
MRBLD1FB70_COS		407.54	5.81	-193.93	69.85	26.53	-4.74	2.50	-45.90	6.35	3.90	-0.92	-1.52	-2.46	-3.17	9.02	10.34
MRBLD1FB70_SIN		0.00	-198.02	-25.71	60.46	17.25	3.76	17.97	0.17	-1.71	5.72	2.91	2.39	3.86	-0.93	-16.52	10.03
MRBLD1FB87_COS		-77.85	30.24	-172.35	-3.39	-12.15	-21.56	-7.76	29.14	6.15	10.11	5.58	-12.33	-0.62	-0.70	4.77	4.21
MRBLD1FB87_SIN		0.00	-189.02	15.14	58.96	11.80	2.46	-2.43	2.35	4.34	0.67	34.99	-5.12	0.82	1.21	-15.03	7.93
MRBLD1FB120_COS		-470.77	28.20	-272.53	-62.76	-14.66	-11.54	-0.60	65.20	-9.95	-6.12	-7.76	2.60	2.07	0.94	-9.87	-6.64
MRBLD1FB120_SIN		0.00	-225.26	55.89	101.80	20.50	14.48	-25.93	2.22	1.64	-8.07	-12.24	-0.22	-6.11	-2.95	20.57	-13.47
MRBLD1FB164_COS		-172.30	49.72	-321.80	142.46	-10.36	52.16	10.14	-94.24	10.82	9.67	7.80	-4.14	2.15	2.78	8.65	3.66
MRBLD1FB164_SIN		0.00	-267.68	-38.53	270.76	26.83	-33.68	20.11	-10.65	-12.15	5.88	25.78	-4.93	2.77	5.52	-7.62	8.48

RUN	POINT	Harmonics															
44	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.44	-7.44	-178.72	126.39	7.73	36.83	-12.44	-88.37	23.70	9.48	-0.18	-14.07	12.47	8.03	-13.08	-8.74
MRBLD1FB180_SIN		0.00	-180.15	-27.16	177.49	25.46	-21.89	28.04	11.51	-13.88	-25.46	61.45	-2.30	-4.10	-8.34	24.52	-17.34
MRBLD1TOR51_COS		-1414.38	60.95	39.10	165.45	-84.02	-0.56	12.47	-19.27	17.68	0.72	-6.54	-1.70	2.91	4.36	-7.68	3.88
MRBLD1TOR51_SIN		0.00	-88.50	-44.49	225.96	21.16	-12.07	5.74	12.68	10.86	3.38	2.30	-3.35	1.14	-0.85	3.32	-5.01
MRBLD1TOR71_COS		-271.14	76.91	24.14	146.56	-75.80	5.63	16.29	-6.43	13.63	-0.81	-8.78	-3.58	2.78	4.59	-3.66	2.74
MRBLD1TOR71_SIN		0.00	-86.14	-42.34	193.46	6.19	-11.57	5.18	21.61	14.90	5.69	8.18	-2.76	0.65	-0.67	1.80	-3.11
MRBLD1TOR130_COS		-29.76	64.05	44.31	139.08	-65.15	3.61	14.86	-10.12	10.73	0.76	3.78	-2.57	0.05	-1.52	0.44	-2.38
MRBLD1TOR130_SIN		0.00	-72.30	-43.14	175.09	12.67	-8.14	6.29	14.24	9.64	6.05	1.65	10.44	2.99	1.35	-2.07	0.74
MRBLD1TOR164_COS		-225.96	31.36	81.49	85.19	-34.99	-8.86	2.63	-4.29	6.14	6.50	-1.03	-2.05	1.67	-0.30	-2.51	-2.60
MRBLD1TOR164_SIN		0.00	-34.31	-19.22	84.55	11.32	-1.64	10.25	14.68	2.30	-1.59	7.95	7.01	2.91	2.00	-2.11	-3.67
MRFBM1CB26P5_COS		-4741.24	-555.45	1.28	77.02	-4.91	-0.57	-9.77	-10.73	2.20	-1.73	6.97	1.53	0.69	-0.01	-5.49	0.58
MRFBM1CB26P5_SIN		0.00	-125.18	-34.91	5.10	-34.01	-16.20	-14.55	-11.80	-3.58	-1.14	-15.29	3.33	0.76	1.02	-0.61	-3.18
MRFBM1FB9_COS		288.17	-65.25	126.64	-40.25	-2.17	9.53	8.99	11.01	-2.26	-1.20	-4.71	-0.23	0.08	0.43	2.33	-1.59
MRFBM1FB9_SIN		0.00	-20.16	100.08	-90.47	-21.47	-3.54	-1.80	12.98	2.68	0.70	2.34	-2.17	-0.49	-0.03	0.69	1.10
MRFBM1TOR26P5_COS		-356.80	82.20	-0.19	0.92	-1.84	0.08	0.01	-0.01	0.20	-0.01	-0.10	0.13	0.02	0.05	0.09	0.00
MRFBM1TOR26P5_SIN		0.00	-93.86	0.02	1.33	0.28	-0.46	0.19	0.02	0.23	0.07	0.13	-0.24	0.03	0.01	0.06	0.07

RUN	POINT	Harmonics															
44	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1103.41	-1265.76	18.12	198.82	-11.23	-25.98	-30.25	-101.85	33.31	15.32	29.51	14.32	-5.54	-5.68	-39.69	6.10
MRPC1CB33P25_SIN		0.00	-114.04	-116.85	64.84	88.23	-22.23	8.18	-57.50	-18.18	-3.62	-79.28	30.67	2.09	3.62	8.41	-23.45
MRPC1FB33P25_COS		2262.60	137.44	-336.12	210.92	80.34	-44.00	-45.18	-233.76	4.98	-10.41	91.56	30.05	10.81	-1.86	-93.06	17.63
MRPC1FB33P25_SIN		0.00	175.50	-157.58	242.67	93.92	49.50	43.12	-160.13	-65.97	-39.47	-114.87	56.15	15.24	14.89	13.55	-63.55
MRPC1TOR25P5_COS		-767.35	-40.31	-75.77	-176.82	94.14	-10.52	-21.09	9.90	-19.27	2.38	13.80	0.05	-4.61	-6.79	-4.09	-4.34
MRPC1TOR25P5_SIN		0.00	153.16	2.03	-221.50	-1.39	17.75	-3.52	-21.59	-16.11	-5.16	-9.03	14.01	-0.87	2.99	-5.51	-4.43
MRPLK1LOAD_COS		-83.41	3.57	-7.46	-21.88	12.25	-0.68	-2.76	2.71	-2.66	0.27	1.97	-0.68	-0.51	-1.22	-0.18	-0.65
MRPLK1LOAD_SIN		0.00	-8.52	3.85	-30.27	-1.50	2.85	-0.98	-2.23	-1.91	-1.02	-0.84	2.28	-0.42	0.34	-1.57	-0.62
PITCHRH_COS		10590.65	-8579.76	-291.41	-10.63	-104.53	286.25	-182.33	-15.22	114.81	-68.47	-28.44	-25.95	1.37	10.10	-34.51	-441.43
PITCHRH_SIN		0.00	2140.40	-792.92	60.15	4.86	-401.92	5.30	68.27	-85.68	-38.73	-305.69	-6.38	-7.79	28.70	-25.32	94.25
ROLLRH_COS		1610.46	-1737.49	847.60	-47.50	-225.82	-19.01	-164.10	-145.81	158.01	102.92	246.21	2.59	-22.08	39.25	-46.20	-183.77
ROLLRH_SIN		0.00	-8159.56	-569.29	-36.60	252.14	1462.93	-77.29	-44.00	66.03	-30.58	-124.55	-3.76	21.53	-42.51	-19.64	-571.87
TORQ_COS		30923.77	406.07	-13.35	19.61	-51.15	16.23	0.33	3.52	-20.42	-3.94	-0.42	-1.33	1.16	-2.07	-4.69	16.06
TORQ_SIN		0.00	687.28	-18.19	5.41	-140.11	84.13	0.15	23.70	-12.09	-5.03	46.56	4.28	-7.45	4.14	-11.69	-16.80
THRUST_COS		5719.85	-54.71	18.15	2.58	11.45	2.18	4.33	14.21	-3.51	-7.67	-22.23	-1.05	2.78	-1.76	4.83	-8.74
THRUST_SIN		0.00	-63.82	0.83	12.90	37.40	-15.74	3.67	9.13	1.00	0.99	74.75	-1.72	0.19	-0.09	-9.58	28.60

RUN	POINT	Harmonics															
44	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.71	20.25	-20.11	0.96	-5.24	-96.28	12.95	4.00	-4.12	-5.46	-11.55	0.29	0.53	-1.15	1.61	6.08
SIDERH_SIN		0.00	174.45	14.70	0.29	-72.41	-140.18	2.76	2.85	-0.02	1.87	3.22	0.78	-0.95	1.34	0.50	16.29
DRAGRH_COS		-164.14	225.74	13.02	-0.74	4.18	213.69	-3.29	-4.29	-4.60	5.35	-2.02	2.06	-0.92	-0.43	1.60	18.60
DRAGRH_SIN		0.00	-54.61	19.19	-0.31	6.65	49.22	-8.42	-6.94	6.69	3.05	13.05	-0.45	1.61	-0.64	0.31	-4.15

RUN	POINT	Harmonics															
49	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.07	0.00	0.00	0.00	0.03	-0.01	0.01	0.02	0.00	0.01	0.02	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	0.00	-0.03	0.02	0.08	-0.01	0.01	0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.48	1.09	2.38	-12.15	-5.70	0.56	0.36	1.42	-0.20	-0.28	0.31	0.22	0.27	0.34	-0.31	0.56
ACT1FORCE_SIN		0.00	13.59	1.60	7.24	-1.22	-1.30	-0.48	-0.37	0.71	1.92	-0.15	-0.04	0.31	0.12	0.34	-0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.61	-14.81	-15.58	145.69	40.83	-5.95	1.43	0.12	0.08	-0.32	-0.01	-0.06	-0.07	-0.09	-0.05	0.13
FA1IBVOLTAGE_SIN		0.00	-79.63	-9.13	244.36	4.34	12.56	4.67	-0.21	0.11	0.04	0.09	-0.02	0.06	0.05	-0.03	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.09	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.39	14.92	15.67	-146.75	-41.08	5.79	-0.90	0.12	-0.07	0.31	-0.01	0.04	0.09	0.09	0.08	-0.11
FA1OBVOLTAGE_SIN		0.00	79.77	9.33	-244.54	-4.49	-12.63	-4.18	0.15	-0.04	-0.02	-0.13	-0.02	-0.02	-0.05	0.03	-0.03
MRBLD1CB42P75_COS		-4238.74	-1058.59	-45.92	314.95	-43.55	-131.12	-30.93	-252.77	45.72	37.60	22.84	-67.67	-10.91	-4.25	-15.37	-3.41
MRBLD1CB42P75_SIN		0.00	177.73	-54.34	166.41	84.07	-43.12	37.72	57.45	-103.73	4.29	-39.31	52.60	19.77	17.22	34.01	-28.10

RUN	POINT	Harmonics															
49	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2718.21	-661.55	247.72	189.72	13.34	-92.00	-71.83	-188.58	32.58	32.24	16.90	-39.82	-5.30	1.76	-8.30	-2.53
MRBLD1CB70_SIN		0.00	159.43	-102.94	215.50	186.92	-20.00	28.22	73.51	-61.17	8.14	-70.43	33.37	12.88	11.16	21.30	-23.03
MRBLD1CB120_COS		-514.78	-289.83	394.13	183.16	0.50	-3.84	-63.31	-72.64	-29.69	2.47	17.47	44.24	6.18	6.01	-2.52	3.76
MRBLD1CB120_SIN		0.00	175.28	-192.01	88.98	148.36	3.42	-12.12	47.75	14.82	11.14	34.10	-13.73	-1.35	-3.82	-0.42	-7.78
MRBLD1CB164_COS		-1959.75	-94.91	139.91	40.14	-51.54	21.05	-5.81	54.19	-36.65	-10.84	2.99	36.77	11.41	5.03	5.84	-4.07
MRBLD1CB164_SIN		0.00	86.29	-69.60	82.52	46.72	15.22	-23.74	-10.71	22.82	-3.11	69.17	-6.46	1.90	-4.40	-14.97	14.47
MRBLD1FB42P75_COS		3167.69	109.56	-446.31	749.94	-329.39	-121.76	-80.92	-441.11	-113.73	23.82	115.14	36.50	30.14	25.67	44.99	-66.95
MRBLD1FB42P75_SIN		0.00	-65.36	50.21	261.71	-65.67	42.73	1.19	273.37	-137.73	-56.95	-3.03	53.74	26.10	14.47	75.39	-37.73
MRBLD1FB70_COS		412.29	9.66	-205.88	218.16	-113.06	-31.52	-2.29	-67.75	-6.32	6.52	0.91	-2.16	-2.63	-4.28	-8.79	14.01
MRBLD1FB70_SIN		0.00	-217.57	46.81	94.38	-39.61	-3.48	3.75	60.35	-13.18	2.53	4.56	3.52	0.42	-1.27	-15.84	7.81
MRBLD1FB87_COS		-82.34	36.25	-161.96	78.90	-85.31	-25.40	1.40	43.41	16.49	-1.05	-18.06	-2.68	-4.96	-6.65	-11.53	10.25
MRBLD1FB87_SIN		0.00	-219.01	69.06	105.81	-13.32	-2.36	-5.19	-23.99	16.05	4.68	2.44	-13.39	-4.47	-1.96	-14.62	7.81
MRBLD1FB120_COS		-492.26	38.15	-234.15	43.35	-34.27	19.33	3.17	96.05	8.18	-14.22	-5.69	-0.71	4.58	8.12	16.10	-16.66
MRBLD1FB120_SIN		0.00	-257.36	117.68	207.70	35.19	-0.02	-16.78	-86.47	20.58	-1.10	-6.34	1.58	-0.89	-1.46	20.52	-12.66
MRBLD1FB164_COS		-178.35	71.52	-409.74	108.53	251.02	84.89	9.63	-136.30	-17.45	10.56	1.75	4.01	-2.18	-1.51	-5.21	6.90
MRBLD1FB164_SIN		0.00	-322.91	154.24	48.83	130.99	-17.64	17.27	99.33	-31.89	-1.12	10.89	-3.62	-3.09	0.24	-8.11	7.03

RUN	POINT	Harmonics															
49	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.42	7.45	-247.96	41.47	196.85	50.17	-19.99	-125.72	5.44	-1.71	-43.91	3.28	11.23	12.48	15.07	-21.14
MRBLD1FB180_SIN		0.00	-219.58	89.17	-58.73	74.52	-14.29	2.90	89.41	-26.04	-9.39	7.32	-18.38	-4.45	-9.24	18.54	-16.00
MRBLD1TOR51_COS		-1404.32	69.12	-87.70	147.79	57.81	-50.43	-5.14	-69.96	13.57	8.81	-6.34	2.49	4.32	6.71	-1.07	2.92
MRBLD1TOR51_SIN		0.00	-70.97	1.29	-171.63	60.69	-3.72	8.81	58.26	-8.76	3.09	-7.56	-3.12	0.88	0.32	8.91	-8.93
MRBLD1TOR71_COS		-258.98	81.66	-89.28	113.20	67.54	-35.54	0.03	-41.37	10.93	4.32	-8.23	3.11	4.20	5.68	-0.69	2.39
MRBLD1TOR71_SIN		0.00	-75.01	-2.33	-186.74	52.06	-0.45	12.16	53.78	2.81	4.59	-5.48	-3.81	-0.28	-0.13	4.53	-5.21
MRBLD1TOR130_COS		-28.72	72.38	-66.91	74.74	84.20	-25.20	-0.22	-40.87	7.64	5.13	2.13	-4.14	-0.24	-1.86	-2.40	-2.84
MRBLD1TOR130_SIN		0.00	-57.51	-7.30	-203.58	53.45	5.91	13.64	44.20	-3.11	5.51	8.84	8.34	3.53	1.07	-3.44	3.52
MRBLD1TOR164_COS		-217.14	35.41	16.07	23.53	29.65	-28.58	-5.22	-8.14	4.35	2.55	-1.67	0.00	1.95	1.28	-1.16	-5.31
MRBLD1TOR164_SIN		0.00	-16.23	-20.82	-166.00	3.10	3.00	6.75	25.74	3.31	-3.87	1.98	4.57	3.22	1.08	-0.60	-1.66
MRFBM1CB26P5_COS		-4749.12	-413.78	-55.87	99.64	-8.19	-17.63	10.27	-20.28	1.88	1.31	2.27	-1.79	-0.43	-0.83	-2.99	-0.30
MRFBM1CB26P5_SIN		0.00	31.14	2.03	-24.14	-6.78	-13.22	0.01	-3.65	-14.52	-1.47	13.21	2.20	1.39	1.22	5.18	-3.93
MRFBM1FB9_COS		327.88	-217.80	198.55	-142.27	36.33	14.69	1.38	28.59	-2.74	-2.58	-2.80	2.32	0.75	0.62	1.78	-1.45
MRFBM1FB9_SIN		0.00	-73.66	7.34	-145.73	14.42	3.75	3.93	5.26	7.57	-0.03	-1.80	-1.25	-1.35	-0.91	-1.41	1.97
MRFBM1TOR26P5_COS		-352.77	76.46	-1.14	0.55	1.12	-0.29	0.09	-0.32	0.18	0.01	-0.10	0.18	0.04	0.08	0.09	0.06
MRFBM1TOR26P5_SIN		0.00	-94.75	0.10	-1.31	1.14	-0.23	0.33	0.22	0.14	0.22	-0.23	-0.14	-0.02	0.03	0.05	0.00

RUN	POINT	Harmonics															
49	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1261.88	-972.58	-121.22	343.18	-68.01	-105.20	-7.43	-215.09	21.07	27.57	25.86	-39.59	-5.24	-1.31	-14.86	-3.02
MRPC1CB33P25_SIN		0.00	158.15	-17.15	64.92	27.14	-31.04	16.73	38.07	-96.75	-3.82	0.58	41.74	17.10	14.63	35.00	-29.49
MRPC1FB33P25_COS		2332.82	53.24	-377.78	562.43	-260.55	-111.05	-66.97	-449.08	-22.73	48.10	87.07	-11.19	1.19	5.11	-40.19	-5.81
MRPC1FB33P25_SIN		0.00	103.05	-36.54	362.22	-124.33	1.83	-31.77	36.64	-157.36	-31.44	60.12	61.87	36.96	30.86	84.05	-81.16
MRPC1TOR25P5_COS		-752.45	-68.27	63.35	-150.08	-71.51	41.87	-3.61	53.53	-14.86	-6.62	14.20	-9.87	-6.54	-8.52	-8.06	-8.50
MRPC1TOR25P5_SIN		0.00	137.31	-49.99	223.67	-69.61	8.13	-8.30	-63.65	-0.52	-4.50	10.58	13.87	0.29	2.86	-4.41	0.94
MRPLK1LOAD_COS		-84.23	1.38	9.11	-18.87	-8.87	6.30	0.15	9.02	-1.78	-1.04	1.93	-2.03	-1.03	-1.35	-1.46	-1.29
MRPLK1LOAD_SIN		0.00	-10.08	-2.64	26.94	-9.34	1.11	-1.30	-8.65	0.63	-1.48	2.02	1.84	-0.13	0.35	-1.60	0.48
PITCHRH_COS		13619.39	-8294.14	-654.48	-60.79	11.99	-1670.34	15.81	-79.09	27.64	58.20	27.87	-61.64	9.87	21.01	1.83	-196.34
PITCHRH_SIN		0.00	2347.99	-744.60	99.31	-65.60	495.96	1.97	-10.28	15.29	-7.73	-172.35	15.83	7.36	75.37	6.74	265.24
ROLLRH_COS		2996.26	-1956.04	704.66	-83.29	-96.04	-180.56	-118.92	52.70	58.58	35.93	141.70	-71.84	-43.52	67.64	-51.27	-711.50
ROLLRH_SIN		0.00	-7907.92	-594.68	42.66	12.58	-1447.90	-175.93	47.92	22.55	34.52	79.14	-46.81	-7.59	-16.84	-43.08	-243.28
TORQ_COS		30408.96	447.13	18.67	-10.97	-50.24	176.44	-6.70	11.89	-16.02	-0.93	7.01	1.63	4.21	1.55	-6.55	5.04
TORQ_SIN		0.00	752.87	-15.94	22.15	-72.55	88.40	6.86	13.76	27.19	-4.50	-52.22	3.03	-3.31	5.47	-12.15	-9.45
THRUST_COS		5833.51	-68.14	-7.09	28.05	9.98	63.00	0.01	8.15	-1.54	-3.96	-26.01	1.72	1.91	0.18	-3.19	16.66
THRUST_SIN		0.00	-59.59	9.47	11.20	29.39	-23.11	8.70	4.10	-5.31	-2.29	-12.41	-4.32	2.50	-2.96	-4.05	34.33

RUN	POINT	Harmonics															
49	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.40	21.12	-17.65	-8.59	-5.74	84.20	7.03	-0.54	-0.51	-2.53	-7.49	4.73	1.17	-2.07	1.16	20.58
SIDERH_SIN		0.00	160.05	15.39	4.27	-32.95	94.00	9.95	-1.65	-0.72	-0.85	-3.31	2.53	0.49	0.67	1.15	6.90
DRAGRH_COS		-155.12	216.60	16.46	-2.15	-14.36	-83.40	-18.82	-1.79	-1.46	-4.35	3.08	2.82	-1.04	-2.05	-1.48	8.65
DRAGRH_SIN		0.00	-59.70	17.93	-4.71	0.31	-73.55	-22.34	-3.93	3.71	-3.04	14.66	-7.82	-1.16	-2.62	-0.45	-10.70

RUN	POINT	Harmonics															
49	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.79	0.00	0.00	0.00	0.02	0.00	0.07	0.00	0.00	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	1.25	0.00	0.00	0.00	-0.01	0.03	-0.01	-0.02	0.01	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.95	1.19	1.59	-8.58	-6.00	-0.10	0.68	1.42	0.01	1.56	-0.03	0.02	0.26	0.20	0.11	-0.60
ACT1FORCE_SIN		0.00	13.76	0.37	10.98	0.39	-1.85	-0.82	-0.52	0.83	0.15	-0.05	0.06	0.30	0.21	0.31	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.08	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.67	-17.16	-11.85	257.89	39.32	3.80	-1.28	0.14	0.06	-0.06	0.10	-0.06	-0.06	-0.04	-0.10	-0.08
FA1IBVOLTAGE_SIN		0.00	-76.87	-1.91	147.24	-7.86	16.21	3.75	-0.29	-0.03	0.41	0.11	0.10	0.01	-0.03	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.07	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.08	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.34	17.28	12.00	-258.79	-39.69	-3.92	2.08	0.02	0.03	0.05	-0.11	0.05	0.10	0.05	0.10	0.09
FA1OBVOLTAGE_SIN		0.00	77.00	2.10	-147.14	7.76	-16.23	-4.03	0.09	0.07	-0.35	-0.11	-0.08	-0.03	-0.02	0.00	0.00
MRBLD1CB42P75_COS		-4257.86	-1123.92	-55.51	353.75	-82.79	-136.44	-26.12	-194.48	15.14	48.26	22.94	-42.69	-4.60	2.62	-9.96	-7.74
MRBLD1CB42P75_SIN		0.00	44.16	8.99	119.47	65.46	-16.17	20.16	83.87	-99.34	-8.59	-30.45	62.16	16.86	13.96	23.14	-25.42

RUN	POINT	Harmonics															
49	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2705.13	-701.51	219.53	234.02	-43.15	-97.17	-85.22	-140.80	8.34	42.97	21.67	-21.27	-2.00	4.39	-6.74	-7.16
MRBLD1CB70_SIN		0.00	66.60	-71.48	183.97	147.50	2.22	24.86	99.28	-57.31	-3.39	-72.30	37.81	8.71	7.87	12.85	-23.71
MRBLD1CB120_COS		-513.86	-310.82	362.96	207.25	-71.19	-9.73	-100.25	-59.15	-32.65	4.63	12.20	33.25	4.60	2.94	-1.23	-0.57
MRBLD1CB120_SIN		0.00	133.60	-182.97	57.07	124.94	17.44	-1.20	59.87	12.91	-2.15	28.15	-26.07	-2.06	-2.77	0.20	-7.29
MRBLD1CB164_COS		-1959.10	-99.42	131.64	75.95	-90.23	20.01	-23.44	41.29	-29.19	-12.90	-3.02	24.49	7.59	1.67	6.10	-1.11
MRBLD1CB164_SIN		0.00	76.71	-71.07	69.74	45.58	10.49	-16.93	-15.32	17.60	-11.47	65.71	-16.69	2.62	-2.98	-9.78	16.21
MRBLD1FB42P75_COS		3187.53	125.41	-406.03	820.51	-449.82	-137.53	-106.13	-344.75	-153.24	9.45	104.19	31.43	37.71	28.44	35.24	-70.36
MRBLD1FB42P75_SIN		0.00	-27.92	91.88	112.08	34.51	72.64	-11.75	249.47	-123.31	-99.06	33.05	31.18	11.82	3.97	46.40	-21.51
MRBLD1FB70_COS		417.36	5.75	-189.66	250.27	-151.90	-35.10	-8.72	-49.27	-10.63	5.45	1.41	-1.28	-2.85	-4.88	-6.27	14.94
MRBLD1FB70_SIN		0.00	-215.07	63.89	45.05	-8.71	5.45	-0.23	56.37	-9.67	0.00	4.14	4.21	1.68	0.67	-10.13	4.12
MRBLD1FB87_COS		-81.35	32.24	-148.60	103.91	-100.45	-26.34	1.02	33.91	22.56	0.72	-16.08	-3.35	-6.87	-6.89	-9.27	10.36
MRBLD1FB87_SIN		0.00	-216.01	77.47	79.34	2.84	-1.54	-6.05	-22.15	14.24	13.15	-5.39	-7.92	-1.26	1.08	-7.87	5.23
MRBLD1FB120_COS		-496.32	39.16	-215.29	86.49	-25.02	18.50	8.95	69.93	16.39	-12.66	-5.64	-0.55	5.63	8.45	12.66	-16.37
MRBLD1FB120_SIN		0.00	-259.97	124.48	181.20	44.45	-12.89	-15.04	-85.95	14.57	0.98	-5.66	-2.36	-4.21	-4.45	10.54	-8.99
MRBLD1FB164_COS		-178.20	71.26	-376.68	46.37	313.66	90.30	8.47	-105.09	-25.43	9.54	2.01	3.44	-3.77	-3.57	-2.38	8.36
MRBLD1FB164_SIN		0.00	-325.80	205.02	41.59	78.59	-12.66	18.51	101.56	-22.69	-0.07	4.97	-1.51	-1.83	0.92	-4.04	4.01

RUN	POINT	Harmonics															
49	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.63	9.02	-220.67	-27.81	229.00	59.96	-20.02	-99.80	3.92	5.18	-41.70	-7.17	7.08	13.01	11.33	-23.14
MRBLD1FB180_SIN		0.00	-225.67	128.45	-46.28	31.99	-10.00	3.26	87.62	-20.79	0.78	-14.38	-15.26	-3.84	-11.50	6.72	-7.12
MRBLD1TOR51_COS		-1401.19	70.07	-81.21	41.93	67.56	-53.05	-1.60	-48.95	1.96	11.28	-2.93	1.87	3.85	5.09	1.26	-2.91
MRBLD1TOR51_SIN		0.00	-71.76	42.08	-182.29	16.94	7.08	6.56	63.08	-6.69	-10.55	-11.66	-5.07	0.38	0.30	6.70	-8.46
MRBLD1TOR71_COS		-255.95	83.88	-82.96	9.73	81.47	-36.99	4.03	-26.40	2.67	5.19	-4.38	3.23	3.33	4.72	1.01	-2.53
MRBLD1TOR71_SIN		0.00	-74.10	33.48	-191.63	10.56	7.98	11.76	56.51	4.86	-5.74	-10.02	-5.31	-0.72	0.18	3.12	-3.98
MRBLD1TOR130_COS		-26.78	75.55	-61.47	-32.15	100.85	-24.91	2.52	-27.00	0.68	5.41	1.19	-0.09	0.49	-0.54	-3.33	-1.86
MRBLD1TOR130_SIN		0.00	-57.43	26.30	-199.15	12.05	12.00	14.05	46.39	-1.99	-2.08	7.80	6.04	2.97	2.07	-3.28	4.42
MRBLD1TOR164_COS		-217.11	38.95	15.18	-49.72	27.31	-27.85	-5.71	-2.30	4.83	-0.27	-0.30	1.72	1.94	2.96	-0.64	-1.10
MRBLD1TOR164_SIN		0.00	-15.85	-4.96	-157.44	-19.21	6.35	6.70	23.23	4.30	-2.54	0.43	3.32	2.45	0.95	-2.92	-0.29
MRFBM1CB26P5_COS		-4761.91	-441.21	-54.38	93.04	1.56	-17.93	14.51	-16.32	0.17	1.83	0.47	-1.49	0.44	0.39	-1.35	-0.94
MRFBM1CB26P5_SIN		0.00	-29.41	28.79	-35.81	-2.18	-9.66	-4.48	-3.13	-14.44	-2.63	16.62	2.03	1.64	1.21	3.82	-3.29
MRFBM1FB9_COS		339.77	-189.98	183.15	-174.57	54.07	17.14	1.60	23.46	-1.01	-3.80	-1.98	1.64	0.22	0.15	0.99	-1.10
MRFBM1FB9_SIN		0.00	-47.95	-32.29	-116.07	10.57	1.80	8.16	1.72	8.40	1.09	-1.92	-1.42	-1.53	-0.96	-1.18	2.13
MRFBM1TOR26P5_COS		-352.69	76.76	-1.11	-0.14	1.37	-0.24	0.18	-0.23	0.12	0.15	-0.02	-0.03	0.03	0.00	0.12	0.06
MRFBM1TOR26P5_SIN		0.00	-94.25	0.30	-1.27	0.33	-0.15	0.19	0.31	0.16	0.10	-0.26	-0.09	0.01	0.01	0.09	-0.02

RUN	POINT	Harmonics															
49	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1270.52	-1036.38	-120.59	359.88	-92.47	-108.66	-5.76	-167.33	-2.86	35.72	21.71	-23.81	0.82	4.55	-7.81	-8.43
MRPC1CB33P25_SIN		0.00	41.75	46.48	18.31	29.24	-9.97	-1.52	54.14	-92.72	-17.96	11.66	43.56	15.15	11.93	24.36	-26.68
MRPC1FB33P25_COS		2349.01	64.84	-352.59	651.44	-383.30	-131.32	-84.44	-364.90	-58.26	58.93	57.51	0.81	15.60	15.28	-23.37	-22.09
MRPC1FB33P25_SIN		0.00	136.87	0.30	253.37	-69.09	20.05	-49.41	54.71	-164.63	-69.02	79.54	43.04	33.92	26.68	57.28	-74.45
MRPC1TOR25P5_COS		-752.59	-67.20	53.27	-29.37	-91.41	45.17	-7.14	34.49	-4.59	-9.87	7.27	-2.89	-5.42	-3.93	-9.95	-3.97
MRPC1TOR25P5_SIN		0.00	142.12	-93.20	234.28	-23.62	-2.76	-6.83	-67.27	-3.75	9.29	15.39	14.32	-0.30	3.34	-5.80	3.36
MRPLK1LOAD_COS		-84.55	1.09	8.05	-3.53	-10.97	6.56	-0.26	6.12	-0.11	-1.84	0.98	-0.52	-0.85	-0.56	-1.80	-0.85
MRPLK1LOAD_SIN		0.00	-10.01	-8.13	28.40	-3.20	-0.41	-0.89	-9.30	0.14	0.70	2.65	1.65	-0.25	0.45	-1.89	0.93
PITCHRH_COS		13062.46	-8320.95	-626.21	-76.29	12.25	-1587.52	79.88	-116.04	37.95	109.82	51.84	-59.97	20.43	15.23	14.40	-221.19
PITCHRH_SIN		0.00	2405.91	-684.72	80.94	-65.94	1014.14	80.19	16.84	-3.63	-67.00	-114.51	-16.97	22.57	-2.84	29.19	157.44
ROLLRH_COS		2506.80	-1999.30	732.77	-43.93	-113.42	-1037.84	-45.20	37.58	87.68	52.38	225.06	-29.39	-50.32	63.26	-31.08	-656.33
ROLLRH_SIN		0.00	-7903.23	-556.58	88.04	-1.45	-1721.37	-101.55	-30.32	48.80	49.04	95.93	-47.72	0.28	-69.84	20.85	-236.92
TORQ_COS		30320.39	428.37	20.22	5.03	-72.60	180.84	-4.99	2.16	-14.30	-0.10	6.92	2.62	1.07	-2.65	-6.47	5.78
TORQ_SIN		0.00	742.97	-20.10	28.09	-65.02	53.33	4.27	15.97	21.09	-4.07	-64.28	1.72	-9.83	7.12	-8.99	-8.70
THRUST_COS		5869.13	-66.57	-5.91	30.01	14.87	68.90	2.43	4.68	-2.88	-6.53	-17.70	1.13	1.37	-1.85	-5.87	16.89
THRUST_SIN		0.00	-50.21	11.80	2.03	29.61	-41.81	8.12	7.06	-3.51	-0.27	-36.76	-4.43	-0.42	1.40	-2.89	43.04

RUN	POINT	Harmonics															
49	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.81	29.08	-18.65	-8.74	-6.74	166.34	5.99	-1.83	-1.12	-3.64	-10.23	2.71	1.33	-2.02	0.51	18.61
SIDERH_SIN		0.00	153.19	14.65	5.57	-30.23	58.80	8.40	-0.93	-1.51	-1.14	-1.40	2.17	0.43	2.23	-0.87	6.71
DRAGRH_COS		-156.63	215.78	14.64	-3.87	-16.95	-138.04	-17.55	-3.92	-0.42	-8.89	7.44	2.87	-0.55	-0.78	-1.32	9.76
DRAGRH_SIN		0.00	-60.34	17.70	-3.77	4.29	5.87	-25.56	0.96	6.84	0.27	17.88	-4.27	1.29	0.83	-1.55	-5.79

RUN	POINT	Harmonics															
49	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.48	0.00	0.00	0.00	0.03	0.01	-0.08	0.03	0.02	0.02	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.03	0.02	-0.01	-0.01	0.00	0.00	-0.02	-0.02
ACT1DISP_COS		2.65	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.43	1.32	-0.12	1.17	-4.59	-1.54	-0.18	0.84	0.11	-1.86	1.04	0.65	0.47	0.19	0.56	0.05
ACT1FORCE_SIN		0.00	14.16	-0.82	11.26	3.14	-1.47	-0.58	-0.87	0.68	-0.18	-0.05	0.05	-0.02	-0.34	-0.36	-0.59
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.03	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.11	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.36	-15.56	0.26	281.83	26.46	14.62	-0.45	-0.11	-0.03	0.02	0.12	0.10	0.04	-0.01	0.15	0.04
FA1IBVOLTAGE_SIN		0.00	-75.58	7.13	-136.11	-24.23	7.99	2.32	-0.26	-0.08	-0.45	-0.01	0.07	0.07	0.13	0.05	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.11	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.68	15.74	0.00	-282.31	-26.86	-14.75	-0.14	-0.06	0.06	0.06	-0.06	-0.11	-0.10	0.01	-0.17	-0.02
FA1OBVOLTAGE_SIN		0.00	75.74	-7.03	137.02	24.50	-8.01	-3.11	0.09	-0.04	0.39	0.02	-0.04	0.01	-0.10	-0.09	0.08
MRBLD1CB42P75_COS		-4239.53	-1042.10	-30.28	322.46	-124.25	-86.25	-39.40	-80.51	17.11	12.59	81.85	-38.94	-10.16	-6.03	-39.76	-8.62
MRBLD1CB42P75_SIN		0.00	44.45	72.96	-24.14	89.17	22.90	-1.05	20.36	-24.12	11.31	-65.13	47.34	4.19	3.52	16.37	-18.10

RUN	POINT	Harmonics															
49	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2691.02	-648.34	211.64	236.04	-140.72	-72.44	-111.25	-47.60	23.27	19.19	27.26	-24.18	-7.05	-2.81	-31.13	-2.74
MRBLD1CB70_SIN		0.00	64.06	-14.32	46.89	169.93	49.61	55.26	40.56	-1.38	16.48	-53.16	26.47	3.15	-1.68	6.59	-19.87
MRBLD1CB120_COS		-542.80	-295.67	349.93	189.03	-158.14	-18.21	-152.77	-21.95	-24.11	-13.95	-22.13	23.77	6.30	6.41	1.23	1.84
MRBLD1CB120_SIN		0.00	152.88	-144.43	-40.83	190.68	48.55	73.00	33.84	6.31	-28.72	33.16	-19.06	4.27	0.81	-8.51	-10.90
MRBLD1CB164_COS		-1969.92	-103.44	123.28	97.23	-125.65	-2.22	-45.84	15.65	-29.91	-17.95	-7.29	20.84	7.84	4.52	19.28	-2.60
MRBLD1CB164_SIN		0.00	90.22	-60.83	0.12	94.63	14.46	22.15	-3.60	-8.29	-42.13	35.19	-8.47	7.61	3.91	-0.05	16.29
MRBLD1FB42P75_COS		3192.84	93.05	-343.61	624.28	-368.09	-88.24	-133.10	-224.55	-133.20	-99.12	100.09	27.39	19.10	14.38	-25.62	-64.73
MRBLD1FB42P75_SIN		0.00	-8.29	77.45	-171.07	338.93	81.33	22.45	71.17	-41.16	-77.84	-122.79	38.93	1.13	4.86	67.83	-21.37
MRBLD1FB70_COS		427.57	-3.87	-165.74	199.57	-130.04	-20.89	-18.76	-25.89	-3.83	-1.50	0.73	0.03	-1.15	-2.00	7.73	15.01
MRBLD1FB70_SIN		0.00	-203.79	54.96	-64.94	87.91	7.92	4.64	20.26	2.03	4.84	0.64	2.79	2.41	0.00	-14.65	5.05
MRBLD1FB87_COS		-72.89	23.66	-134.36	88.01	-82.37	-25.39	-2.51	22.67	20.55	21.48	-17.70	-3.48	-1.98	-3.03	2.01	8.70
MRBLD1FB87_SIN		0.00	-208.81	64.92	7.09	48.11	-0.47	-7.89	-6.70	2.04	9.86	30.59	-8.81	2.13	1.81	-13.32	3.73
MRBLD1FB120_COS		-489.13	33.72	-207.49	84.87	-10.19	-3.71	24.67	33.98	7.59	-2.61	-2.78	-1.27	1.91	3.81	-6.21	-14.90
MRBLD1FB120_SIN		0.00	-272.84	111.34	87.37	51.07	-15.62	-19.36	-33.50	-2.50	-4.02	-12.54	0.01	-5.99	-2.51	20.81	-6.01
MRBLD1FB164_COS		-163.38	72.69	-299.08	-76.65	265.00	86.34	-18.47	-59.85	-12.06	5.30	-0.60	4.70	-1.07	-2.02	7.16	8.77
MRBLD1FB164_SIN		0.00	-341.44	209.72	111.86	-91.47	-6.70	26.34	35.46	-1.33	-0.60	21.85	-3.46	1.05	0.52	-11.14	1.17

RUN	POINT	Harmonics															
49	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-204.46	15.51	-156.99	-121.64	182.21	69.14	-38.61	-66.63	13.96	31.24	-47.57	-5.97	10.39	6.21	-15.90	-23.54
MRBLD1FB180_SIN		0.00	-240.00	144.34	64.45	-84.91	-6.51	19.03	34.53	-16.45	-14.23	51.51	-9.63	3.57	-7.05	19.01	-4.85
MRBLD1TOR51_COS		-1399.06	72.98	-30.59	-124.30	28.79	-35.60	8.49	-20.82	10.11	-5.58	-10.14	0.99	2.66	1.02	-2.34	1.09
MRBLD1TOR51_SIN		0.00	-74.09	84.17	-55.55	-51.42	24.53	7.01	28.10	9.31	-1.23	-6.91	-5.14	1.92	-2.47	-0.01	-9.27
MRBLD1TOR71_COS		-253.88	85.66	-36.56	-141.67	46.58	-23.13	17.03	-9.21	10.78	-4.68	-13.99	1.17	2.86	2.92	-2.41	-0.45
MRBLD1TOR71_SIN		0.00	-75.83	70.59	-58.47	-61.69	21.36	11.65	29.31	15.05	3.15	-2.27	-5.39	0.83	-1.61	-1.94	-5.89
MRBLD1TOR130_COS		-25.77	79.54	-16.70	-172.41	64.64	-13.43	13.86	-10.54	4.69	-2.76	4.69	-4.44	0.64	1.04	-5.68	-4.25
MRBLD1TOR130_SIN		0.00	-61.86	63.73	-48.13	-66.85	20.24	14.86	22.75	8.06	0.72	3.40	5.57	2.14	2.13	-2.28	3.32
MRBLD1TOR164_COS		-219.78	44.44	36.36	-133.68	1.04	-17.47	2.89	-0.44	8.83	7.14	-3.95	-1.24	1.58	3.50	-6.96	-4.61
MRBLD1TOR164_SIN		0.00	-17.37	21.76	-45.51	-42.25	8.96	10.13	13.78	4.11	1.50	4.39	4.31	2.90	2.61	-1.94	-0.27
MRFBM1CB26P5_COS		-4756.84	-400.51	-40.73	68.47	23.06	-8.44	15.82	-10.65	-5.26	-2.38	14.77	-0.78	0.73	-0.17	-3.38	-2.05
MRFBM1CB26P5_SIN		0.00	-26.59	48.32	-43.02	-13.91	-8.18	-17.66	-6.05	-9.52	-5.07	-0.41	2.62	0.39	1.04	0.95	-3.21
MRFBM1FB9_COS		337.67	-217.46	146.59	-156.25	61.86	14.17	7.96	10.81	1.17	-0.45	-5.75	1.55	0.08	0.45	1.86	-0.74
MRFBM1FB9_SIN		0.00	-28.85	-44.16	-25.94	-23.97	-1.49	11.57	4.45	4.82	3.22	-0.16	-1.25	-0.67	-0.18	0.52	1.78
MRFBM1TOR26P5_COS		-352.76	76.81	-0.83	-1.03	0.71	-0.03	0.16	-0.05	0.23	-0.04	-0.21	0.15	0.02	-0.05	0.29	0.15
MRFBM1TOR26P5_SIN		0.00	-94.13	0.51	-0.33	-1.09	-0.01	0.08	0.12	0.23	0.14	-0.07	-0.08	0.01	0.03	0.12	0.02

RUN	POINT	Harmonics															
49	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1237.36	-971.67	-85.85	299.88	-91.28	-64.74	-22.07	-79.84	-5.51	-0.44	77.93	-22.47	-3.60	-2.70	-34.80	-9.15
MRPC1CB33P25_SIN		0.00	41.44	102.67	-81.57	59.68	11.09	-21.59	0.86	-34.82	-13.61	-44.50	36.57	4.37	5.27	12.94	-21.74
MRPC1FB33P25_COS		2354.19	34.78	-304.74	548.97	-389.30	-94.33	-116.40	-201.65	-77.57	-31.12	141.45	-6.44	12.17	4.16	-80.58	-19.11
MRPC1FB33P25_SIN		0.00	151.94	-7.14	-21.29	203.35	38.73	-27.01	-38.34	-94.09	-106.18	-33.58	44.51	15.11	15.63	19.03	-70.47
MRPC1TOR25P5_COS		-752.51	-71.76	-1.78	153.24	-57.67	28.93	-18.98	12.95	-12.44	8.69	21.25	-7.81	-3.76	1.17	-18.24	-9.18
MRPC1TOR25P5_SIN		0.00	145.05	-141.06	84.92	64.37	-22.94	-7.54	-34.16	-16.50	-0.37	6.39	12.14	-2.89	5.27	-3.01	1.35
MRPLK1LOAD_COS		-84.29	0.75	0.99	20.32	-6.41	4.01	-1.57	2.56	-1.28	1.36	2.91	-1.75	-0.59	0.36	-3.47	-1.98
MRPLK1LOAD_SIN		0.00	-9.16	-13.96	9.50	7.62	-2.92	-1.18	-4.25	-2.08	-0.37	1.22	1.47	-0.60	0.65	-1.81	0.24
PITCHRH_COS		13448.21	-8235.75	-533.67	-80.33	-21.47	-524.85	55.52	-113.56	16.70	74.26	-72.46	-78.56	43.76	-62.45	-18.70	-509.52
PITCHRH_SIN		0.00	2376.28	-620.15	74.65	-110.76	1592.28	-38.46	130.20	70.42	-89.89	-306.25	-57.10	3.66	39.90	-28.20	228.69
ROLLRH_COS		2123.53	-2002.71	773.30	12.76	-257.63	-2596.59	-29.26	-14.32	115.79	45.30	271.23	11.43	-8.95	-41.87	29.97	-562.20
ROLLRH_SIN		0.00	-7851.22	-547.73	76.58	-54.75	-661.22	-186.89	-129.69	38.74	94.87	-121.87	-44.02	34.55	-74.83	-12.71	-458.42
TORQ_COS		30563.26	423.65	0.17	15.35	-95.46	106.29	-5.43	5.29	0.77	-2.30	-35.68	1.41	7.42	-4.73	-3.65	19.69
TORQ_SIN		0.00	755.85	-26.96	29.66	-3.94	3.12	9.14	26.39	10.09	-9.16	-0.17	4.95	-4.95	5.04	-8.96	-26.12
THRUST_COS		5857.10	-59.95	3.26	23.17	21.16	37.14	4.68	8.85	-2.05	-6.34	-52.74	2.87	0.08	0.60	-1.16	11.28
THRUST_SIN		0.00	-48.70	16.99	-11.01	23.15	-59.82	5.24	14.14	-2.49	0.87	32.11	-0.09	3.01	1.56	-4.41	39.59

RUN	POINT	Harmonics															
49	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.54	25.62	-20.83	-5.25	9.18	224.42	4.48	-1.70	-1.46	-2.85	-9.69	-0.46	0.72	0.88	-1.03	16.08
SIDERH_SIN		0.00	150.08	13.93	7.03	-45.27	-115.60	10.37	1.78	-2.54	-2.75	2.50	1.21	-0.15	2.24	-0.05	13.59
DRAGRH_COS		-154.67	214.18	12.66	-5.28	-23.14	-80.07	-24.09	-3.11	4.92	-7.76	15.83	1.24	-1.31	3.12	0.77	23.77
DRAGRH_SIN		0.00	-58.73	18.12	-0.79	14.03	195.14	-16.59	3.41	3.28	2.72	13.94	2.70	-1.09	-1.40	0.46	-10.52

RUN	POINT	Harmonics															
49	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	1.25	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.03	0.02	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.79	0.00	0.00	0.00	-0.01	0.03	0.10	-0.01	0.01	0.00	0.01	-0.02	-0.01
ACT1DISP_COS		2.65	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.35	1.13	-1.28	5.04	-3.34	-2.36	-0.19	0.38	0.02	-0.60	0.08	0.14	0.63	0.33	0.24	-0.16
ACT1FORCE_SIN		0.00	13.90	-1.03	8.16	4.26	-0.61	-0.52	-0.64	0.52	2.09	-0.26	0.18	0.14	0.22	-0.62	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	-0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.08	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.56	-11.46	8.13	184.94	18.26	17.65	0.08	-0.24	0.14	-0.18	-0.11	-0.02	0.10	0.05	0.13	0.04
FA1IBVOLTAGE_SIN		0.00	-74.43	7.99	-253.15	-28.65	2.05	4.03	-0.30	0.00	0.19	-0.08	-0.02	0.09	0.13	-0.04	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.08	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.08	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.46	11.63	-7.89	-184.96	-18.51	-17.83	-1.09	0.02	-0.21	0.19	0.16	0.04	-0.03	-0.03	-0.15	-0.05
FA1OBVOLTAGE_SIN		0.00	74.59	-7.99	254.19	29.06	-2.03	-4.01	0.29	-0.13	-0.29	0.06	0.04	-0.10	-0.12	0.02	0.08
MRBLD1CB42P75_COS		-4298.37	-986.89	23.59	282.81	-114.94	-49.86	-48.31	-92.94	48.93	22.91	62.10	-20.91	-16.69	-12.50	-29.34	-17.87
MRBLD1CB42P75_SIN		0.00	174.80	75.16	-86.63	137.35	28.68	9.54	-38.62	-20.48	30.48	-111.37	60.58	-4.92	-13.01	11.83	-7.31

RUN	POINT	Harmonics															
49	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2656.77	-611.29	252.29	209.91	-142.88	-35.67	-106.17	-58.31	46.75	29.54	24.25	-15.02	-6.09	-9.52	-22.36	-8.83
MRBLD1CB70_SIN		0.00	133.53	1.87	-25.41	239.18	77.54	93.21	-7.41	-8.34	30.85	-59.72	35.90	-3.66	-10.13	2.06	-6.50
MRBLD1CB120_COS		-556.16	-278.11	372.29	165.42	-140.85	-2.81	-137.49	-27.02	-33.48	-9.94	-24.25	13.91	12.11	8.44	1.45	1.09
MRBLD1CB120_SIN		0.00	178.78	-124.33	-87.09	266.19	83.42	136.47	14.66	-5.51	-22.20	58.94	-26.23	7.55	6.34	-8.32	-10.00
MRBLD1CB164_COS		-1973.87	-100.54	126.67	86.07	-107.30	-2.86	-39.10	20.50	-43.97	-15.35	-14.80	14.88	7.03	8.90	14.21	2.05
MRBLD1CB164_SIN		0.00	99.17	-51.68	-35.64	132.75	34.11	47.22	11.23	-17.47	-44.09	38.28	-18.65	8.65	7.34	2.06	8.55
MRBLD1FB42P75_COS		3219.59	71.82	-329.83	481.61	-211.35	-95.82	-114.37	-294.59	-120.58	-66.02	5.82	41.55	7.01	-6.96	-24.57	-58.24
MRBLD1FB42P75_SIN		0.00	-27.78	43.97	-242.84	423.88	78.70	49.78	-18.17	-54.91	-63.26	-147.13	22.09	-2.61	-10.67	41.53	2.83
MRBLD1FB70_COS		431.67	-8.09	-163.12	151.46	-83.88	-21.23	-17.00	-39.26	-0.95	2.01	-1.54	-0.50	-0.19	0.33	6.86	14.29
MRBLD1FB70_SIN		0.00	-195.02	40.55	-95.53	118.51	6.88	11.81	4.40	0.61	7.02	1.47	3.67	3.37	2.42	-10.19	-0.27
MRBLD1FB87_COS		-69.77	19.85	-137.03	63.32	-60.60	-26.27	-5.59	29.29	18.57	15.55	3.65	-7.93	1.51	2.72	1.84	7.40
MRBLD1FB87_SIN		0.00	-199.59	53.45	-14.72	62.06	0.90	-7.89	1.08	4.77	7.19	36.68	-5.61	2.52	5.09	-7.74	-1.30
MRBLD1FB120_COS		-486.70	28.41	-210.09	57.70	-3.26	-9.97	20.41	53.83	1.85	-6.52	-7.12	1.04	-0.13	-2.95	-6.44	-12.58
MRBLD1FB120_SIN		0.00	-271.63	97.69	50.64	45.20	-6.84	-30.41	-11.15	-2.68	-9.71	-17.64	-2.88	-6.49	-7.13	12.70	1.02
MRBLD1FB164_COS		-156.03	59.31	-267.38	-85.69	188.18	83.01	-6.47	-91.18	-5.34	7.16	9.38	1.50	0.76	1.92	6.56	8.49
MRBLD1FB164_SIN		0.00	-340.31	167.91	168.59	-137.34	-10.53	44.95	8.20	-3.10	4.54	24.04	-2.03	2.55	4.15	-7.32	-3.78

RUN	POINT	Harmonics															
49	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-199.28	2.43	-131.35	-114.32	124.22	72.15	-25.25	-90.04	20.78	26.32	-5.02	-14.97	13.10	5.63	-16.69	-21.66
MRBLD1FB180_SIN		0.00	-236.89	121.62	133.48	-106.89	-7.58	43.84	15.07	-17.02	-20.54	57.29	-8.70	-0.02	-9.35	11.01	3.67
MRBLD1TOR51_COS		-1397.01	73.65	5.40	-133.66	-4.31	-17.08	15.60	-29.99	16.72	9.95	-10.42	-2.31	4.70	2.06	-1.73	-1.40
MRBLD1TOR51_SIN		0.00	-75.72	77.81	45.27	-65.03	26.70	2.22	15.39	4.39	8.44	1.93	-4.54	1.33	-0.32	-3.84	-7.17
MRBLD1TOR71_COS		-251.48	85.20	-5.57	-145.91	11.71	-6.89	23.91	-16.83	15.45	7.88	-11.94	-2.95	4.43	4.33	-2.58	-2.33
MRBLD1TOR71_SIN		0.00	-78.11	64.75	41.40	-78.95	23.08	5.20	22.63	10.84	9.84	8.28	-3.74	0.50	1.00	-3.09	-3.87
MRBLD1TOR130_COS		-24.47	79.28	13.79	-168.33	25.98	0.07	20.92	-17.24	8.05	4.47	3.28	-4.37	-0.04	1.67	-5.64	-3.53
MRBLD1TOR130_SIN		0.00	-65.20	59.11	56.05	-85.70	19.90	10.08	15.94	5.61	4.19	1.30	9.28	1.08	1.63	0.89	4.35
MRBLD1TOR164_COS		-220.84	45.90	53.44	-125.89	-17.24	-11.04	6.10	-2.24	8.43	6.56	0.28	-0.47	1.31	3.56	-4.99	-2.72
MRBLD1TOR164_SIN		0.00	-20.07	24.21	27.41	-42.78	7.66	6.48	13.69	3.34	-3.17	5.77	5.21	1.96	0.03	0.73	0.13
MRFBM1CB26P5_COS		-4790.90	-376.31	-22.24	61.09	25.94	-4.25	12.14	-11.93	-2.73	-2.25	9.70	1.21	-0.39	0.80	-2.63	-2.85
MRFBM1CB26P5_SIN		0.00	34.07	45.84	-41.17	-22.92	-13.21	-23.60	-9.71	-6.02	-4.04	-11.27	2.69	-0.15	-0.28	0.69	-3.70
MRFBM1FB9_COS		359.77	-257.46	126.09	-129.76	49.24	14.63	10.95	9.84	0.09	-0.92	-5.19	0.90	-0.05	0.08	1.06	0.00
MRFBM1FB9_SIN		0.00	-51.11	-27.35	7.30	-41.21	-1.91	9.50	10.78	4.76	1.55	2.62	-1.75	-0.16	0.62	0.58	1.64
MRFBM1TOR26P5_COS		-352.70	76.50	-0.65	-0.98	0.01	0.19	0.14	-0.11	0.24	0.11	-0.21	0.14	0.05	-0.07	0.30	0.15
MRFBM1TOR26P5_SIN		0.00	-94.78	0.47	0.33	-1.42	-0.01	0.04	0.08	0.20	0.26	0.11	-0.25	0.05	0.04	-0.01	-0.03

RUN	POINT	Harmonics															
49	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1278.14	-921.43	-35.47	259.96	-70.39	-43.13	-30.46	-93.29	17.89	8.85	51.69	-7.16	-9.35	-6.73	-25.94	-17.86
MRPC1CB33P25_SIN		0.00	162.25	98.08	-115.77	87.61	5.20	-15.67	-46.55	-31.70	1.95	-89.09	42.41	-1.97	-8.60	8.06	-12.78
MRPC1FB33P25_COS		2376.72	17.64	-290.18	445.04	-278.24	-101.12	-109.42	-221.11	-62.15	-14.86	88.24	14.42	7.09	2.52	-56.57	-37.50
MRPC1FB33P25_SIN		0.00	132.33	-31.59	-111.75	312.31	35.48	1.74	-135.41	-99.36	-79.49	-105.65	42.18	3.63	-9.97	6.08	-50.25
MRPC1TOR25P5_COS		-753.66	-74.13	-38.32	161.73	-18.55	9.31	-27.47	22.07	-17.62	-8.63	20.46	-2.84	-7.75	-0.52	-16.08	-8.74
MRPC1TOR25P5_SIN		0.00	147.01	-134.65	-30.87	88.51	-25.44	-0.65	-25.60	-12.10	-11.06	-9.77	16.84	-3.96	0.23	4.79	4.17
MRPLK1LOAD_COS		-84.64	0.75	-3.95	21.62	-1.63	1.25	-2.72	4.07	-2.06	-1.19	2.91	-1.02	-1.17	0.23	-3.38	-1.95
MRPLK1LOAD_SIN		0.00	-8.77	-13.04	-5.29	10.40	-3.17	-0.56	-2.71	-1.43	-2.08	-1.02	2.71	-0.78	0.05	0.00	0.81
PITCHRH_COS		14051.84	-8262.56	-491.55	-67.14	-81.85	137.20	-85.73	-92.54	62.77	63.09	-137.34	-106.81	25.97	-30.89	-15.61	-460.85
PITCHRH_SIN		0.00	2383.03	-613.64	95.65	-135.77	1548.75	-52.44	159.70	62.97	-103.40	-283.11	-0.77	13.82	73.25	-24.06	211.20
ROLLRH_COS		2557.10	-2035.83	737.32	51.71	-363.36	-2870.94	-88.50	-73.92	129.11	78.34	163.61	-13.16	-14.20	-86.39	75.68	-589.22
ROLLRH_SIN		0.00	-7893.28	-568.40	68.19	3.21	347.44	-151.11	-86.74	40.21	90.69	-75.59	-85.80	54.02	-33.88	14.80	-345.23
TORQ_COS		29932.30	408.53	-4.60	21.39	-85.82	43.40	-4.29	16.21	-14.55	-1.36	-15.75	-1.15	7.12	-4.50	-5.38	33.34
TORQ_SIN		0.00	770.21	-27.63	21.46	-8.56	9.06	9.80	27.52	-7.72	-6.18	36.65	5.53	-9.36	8.83	-7.58	-8.29
THRUST_COS		5926.09	-58.57	9.98	11.63	20.54	23.59	4.84	18.52	-2.89	-8.04	-13.35	3.52	2.86	0.91	-1.46	23.70
THRUST_SIN		0.00	-53.17	15.86	-15.51	24.75	-60.90	1.21	13.10	-0.35	2.21	62.49	1.13	0.05	0.39	-0.30	37.68

RUN	POINT	Harmonics															
49	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.39	27.49	-20.50	-2.46	14.54	181.66	7.73	-0.84	-2.88	-3.16	-8.88	-0.16	1.24	2.04	-2.53	17.18
SIDERH_SIN		0.00	155.99	14.49	7.18	-65.45	-204.47	6.45	0.94	-2.53	-3.21	0.49	3.78	-1.39	1.33	-0.94	10.44
DRAGRH_COS		-148.88	215.11	13.14	-5.80	-22.77	8.58	-17.85	-1.87	3.70	-5.97	14.34	5.89	-3.21	1.53	0.44	22.35
DRAGRH_SIN		0.00	-59.38	19.73	0.92	19.68	238.16	-12.75	4.79	0.25	6.34	9.26	0.52	-2.19	-2.50	-0.25	-9.91

RUN	POINT	Harmonics															
49	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.68	0.00	0.00	0.00	0.03	0.02	0.07	-0.02	0.00	0.00	0.02	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.31	0.00	0.00	0.00	0.01	0.02	0.00	-0.02	0.01	0.02	0.02	0.01	-0.03
ACT1DISP_COS		2.65	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.05	1.36	-1.66	6.95	-1.76	-1.96	0.15	0.38	0.15	1.48	-0.30	0.26	0.04	0.30	0.05	0.47
ACT1FORCE_SIN		0.00	13.75	-0.04	3.08	3.63	-0.15	-0.71	0.28	0.43	0.17	-0.46	0.23	0.27	0.63	0.22	-0.65
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.03	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.21	-12.76	10.24	43.27	8.45	14.48	0.43	0.10	0.07	0.10	-0.10	-0.02	-0.05	0.00	-0.03	0.19
FA1IBVOLTAGE_SIN		0.00	-76.57	0.15	-302.71	-20.77	2.23	7.29	-0.12	-0.04	0.07	-0.04	0.01	0.03	0.19	0.05	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.81	12.97	-10.09	-42.40	-8.48	-14.65	-0.96	-0.22	-0.20	-0.16	0.07	0.04	0.02	0.01	0.03	-0.19
FA1OBVOLTAGE_SIN		0.00	76.73	-0.19	303.70	21.25	-2.09	-6.55	0.19	-0.01	-0.11	-0.01	-0.04	-0.07	-0.22	-0.02	0.06
MRBLD1CB42P75_COS		-4224.99	-1025.53	74.63	216.24	-100.66	-28.85	-49.47	-53.49	46.32	40.45	29.46	8.16	-6.63	-18.53	-38.05	-13.88
MRBLD1CB42P75_SIN		0.00	122.32	30.12	-74.92	184.83	12.25	12.57	-70.32	-15.09	3.60	-117.19	55.93	-0.04	-7.20	9.60	-16.75

RUN	POINT	Harmonics															
49	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2692.70	-636.14	304.76	144.82	-123.08	-12.61	-85.76	-36.20	43.12	42.56	7.85	4.75	-0.54	-11.90	-25.96	-7.71
MRBLD1CB70_SIN		0.00	93.12	-7.18	-32.20	314.96	50.58	118.68	-31.29	-8.99	5.26	-59.62	33.44	0.17	-2.89	5.83	-14.79
MRBLD1CB120_COS		-564.95	-283.67	414.64	115.49	-99.07	7.71	-104.08	-18.77	-33.74	-6.24	-4.15	1.50	6.57	9.43	0.58	2.62
MRBLD1CB120_SIN		0.00	154.71	-110.50	-79.72	334.54	59.45	169.18	0.86	-6.98	-21.28	64.98	-20.79	6.81	7.53	-4.75	-12.05
MRBLD1CB164_COS		-1976.98	-101.09	133.15	51.06	-77.79	1.25	-28.91	12.64	-42.68	-15.34	-0.03	3.56	2.38	8.06	11.92	-0.42
MRBLD1CB164_SIN		0.00	94.72	-42.75	-47.75	162.37	26.91	66.05	16.14	-15.42	-33.53	44.81	-15.54	9.18	3.60	0.37	14.17
MRBLD1FB42P75_COS		3172.44	92.00	-342.20	348.11	-82.12	-90.82	-105.75	-239.49	-105.06	-46.34	-12.39	59.55	17.85	-5.26	-38.00	-70.19
MRBLD1FB42P75_SIN		0.00	-18.25	-13.43	-153.73	410.59	99.54	35.10	-108.90	-42.61	-90.14	-131.59	18.32	2.60	8.99	62.31	-14.81
MRBLD1FB70_COS		427.63	-7.82	-168.31	103.05	-42.16	-18.97	-16.41	-30.58	0.26	2.88	-1.80	-0.64	-1.47	-0.03	8.93	16.92
MRBLD1FB70_SIN		0.00	-190.34	15.42	-71.41	119.25	10.91	10.88	-13.26	1.30	2.50	1.16	3.28	3.31	-0.57	-13.59	3.66
MRBLD1FB87_COS		-67.21	18.00	-147.92	34.69	-40.76	-24.11	-6.67	23.71	16.87	11.60	8.45	-12.03	-0.44	2.30	4.32	9.92
MRBLD1FB87_SIN		0.00	-190.82	35.57	-8.46	61.58	2.89	-4.18	8.52	3.20	13.43	32.01	-4.47	2.21	1.88	-11.79	1.80
MRBLD1FB120_COS		-473.61	22.65	-230.37	18.33	-2.69	-9.92	20.07	43.68	0.61	-7.68	-7.76	3.24	1.82	-2.44	-8.74	-14.52
MRBLD1FB120_SIN		0.00	-258.13	77.31	45.80	39.22	-3.19	-23.66	14.99	-2.81	-3.24	-13.58	-2.01	-6.13	-3.18	17.41	-2.77
MRBLD1FB164_COS		-150.39	50.70	-265.43	-51.66	115.08	61.42	-2.86	-75.61	-3.22	9.97	10.30	-1.84	0.04	2.73	9.90	10.11
MRBLD1FB164_SIN		0.00	-320.61	96.46	234.73	-137.60	-18.57	26.55	-22.99	-5.12	1.68	20.38	-4.15	1.84	2.09	-9.57	-0.75

RUN	POINT	Harmonics															
49	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-199.87	-5.54	-127.90	-66.50	73.99	55.32	-20.27	-72.95	20.47	24.11	5.09	-19.90	13.75	6.83	-19.30	-26.09
MRBLD1FB180_SIN		0.00	-222.15	76.12	190.47	-96.70	-11.31	36.09	-4.68	-13.14	-10.78	54.79	-4.83	0.85	-5.30	22.71	-1.44
MRBLD1TOR51_COS		-1400.60	70.88	32.09	-92.86	-46.12	-3.92	15.99	-9.42	12.34	14.00	-8.63	-0.75	3.44	2.03	-8.39	-0.49
MRBLD1TOR51_SIN		0.00	-78.91	52.01	150.25	-59.93	18.36	-6.60	0.77	4.61	-6.79	2.64	-4.37	4.40	3.54	-0.28	-10.75
MRBLD1TOR71_COS		-254.24	82.46	17.60	-100.95	-31.10	4.57	23.71	-2.12	11.50	9.71	-9.09	-1.76	3.60	4.82	-6.07	-1.31
MRBLD1TOR71_SIN		0.00	-79.75	42.06	138.10	-75.77	15.40	-3.61	11.55	9.93	-2.36	8.91	-4.19	2.32	3.46	0.92	-7.08
MRBLD1TOR130_COS		-25.86	75.06	36.43	-113.01	-17.15	7.56	20.48	-5.31	6.02	6.41	3.69	-0.02	0.74	1.38	-1.94	-3.54
MRBLD1TOR130_SIN		0.00	-67.00	37.76	146.26	-79.71	12.98	1.98	5.06	5.05	-3.35	0.94	10.21	1.60	0.62	1.74	4.16
MRBLD1TOR164_COS		-221.20	43.21	68.81	-83.18	-34.31	-5.94	4.44	1.08	7.32	1.94	1.99	0.44	1.95	2.34	-1.65	-4.14
MRBLD1TOR164_SIN		0.00	-24.46	19.68	83.24	-32.82	6.42	5.36	9.17	3.08	-1.94	5.90	6.06	1.32	-1.41	0.30	0.50
MRFBM1CB26P5_COS		-4752.22	-392.81	-8.07	57.98	20.14	-3.14	7.05	-6.99	-1.79	-1.07	6.07	1.94	0.01	-0.26	-4.56	-1.88
MRFBM1CB26P5_SIN		0.00	12.36	25.52	-28.77	-30.11	-12.55	-29.05	-12.28	-4.29	-3.72	-12.66	2.59	0.03	-0.08	-0.24	-4.43
MRFBM1FB9_COS		318.17	-224.09	114.91	-89.25	34.94	15.22	12.14	4.54	0.00	-2.36	-4.14	0.23	-0.04	0.63	1.70	-0.59
MRFBM1FB9_SIN		0.00	-46.40	12.16	-0.93	-46.57	-3.18	8.14	12.46	3.96	1.98	3.14	-2.31	-0.57	0.44	0.89	2.08
MRFBM1TOR26P5_COS		-352.76	76.55	-0.51	-0.61	-0.85	0.33	0.07	0.01	0.20	0.19	-0.17	-0.01	-0.01	-0.04	0.16	0.10
MRFBM1TOR26P5_SIN		0.00	-94.61	0.36	0.95	-1.41	-0.18	0.03	-0.01	0.25	0.08	0.15	-0.24	0.10	0.07	-0.07	0.01

RUN	POINT	Harmonics															
49	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1218.68	-957.59	4.99	212.96	-56.63	-30.44	-35.72	-56.60	17.51	22.41	27.36	11.17	-2.40	-12.82	-36.16	-13.35
MRPC1CB33P25_SIN		0.00	117.15	46.12	-85.51	105.82	-2.09	-20.55	-74.97	-23.88	-15.15	-91.61	40.30	1.85	-3.08	6.96	-22.09
MRPC1FB33P25_COS		2338.69	35.26	-293.76	317.57	-167.90	-104.05	-95.98	-143.51	-55.17	14.72	66.15	30.62	11.10	-11.41	-79.20	-28.22
MRPC1FB33P25_SIN		0.00	140.06	-77.31	-66.05	332.04	53.05	-5.59	-183.37	-83.08	-88.75	-104.59	50.79	13.87	2.77	6.67	-70.93
MRPC1TOR25P5_COS		-752.60	-67.89	-67.95	111.80	32.37	-5.99	-26.72	1.94	-13.90	-12.13	15.83	1.82	-4.16	-2.21	-5.68	-7.66
MRPC1TOR25P5_SIN		0.00	147.96	-106.04	-146.70	89.22	-17.73	10.00	-11.45	-12.66	5.20	-11.65	16.53	-6.43	-3.71	3.08	4.27
MRPLK1LOAD_COS		-84.05	1.09	-7.29	15.33	4.80	-0.71	-2.90	1.33	-1.54	-2.02	2.39	0.06	-0.52	-0.02	-1.22	-1.60
MRPLK1LOAD_SIN		0.00	-8.56	-9.52	-20.34	10.15	-1.82	0.64	-0.59	-1.59	0.42	-1.31	2.65	-1.34	-0.69	0.30	0.67
PITCHRH_COS		13505.10	-8286.87	-426.77	-39.26	-142.09	514.98	-148.08	-65.59	86.71	-2.29	20.93	-90.67	30.31	17.11	-32.12	-430.59
PITCHRH_SIN		0.00	2379.47	-602.79	84.95	-148.45	1187.18	-84.18	120.50	67.61	-151.05	-133.70	60.38	10.68	71.16	-48.45	102.92
ROLLRH_COS		2454.16	-2090.10	763.60	36.91	-382.21	-2705.48	-166.27	-73.74	124.48	138.76	290.02	-59.16	-22.35	-61.55	13.94	-457.39
ROLLRH_SIN		0.00	-7858.85	-541.16	49.79	49.25	1140.48	-250.67	-92.44	40.69	42.37	-28.53	-85.91	22.45	-1.01	-36.54	-343.79
TORQ_COS		30840.73	410.78	-11.37	23.89	-69.57	-0.11	-2.02	6.00	-21.38	0.42	-2.63	-1.53	1.22	-1.03	-3.87	25.62
TORQ_SIN		0.00	768.10	-22.93	21.80	-65.78	32.60	7.95	36.85	-8.73	-5.29	41.75	5.63	-4.41	8.05	-10.76	-10.03
THRUST_COS		5802.88	-62.84	15.11	9.65	18.20	13.81	4.63	19.92	-3.83	-7.17	-6.23	2.80	2.73	0.42	2.42	14.63
THRUST_SIN		0.00	-51.55	14.24	-9.88	32.07	-54.69	5.80	19.98	-0.16	4.48	49.41	-1.96	-0.70	-1.39	-1.98	30.87

RUN	POINT	Harmonics															
49	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.60	35.45	-21.72	-0.83	9.38	113.93	8.68	0.71	-3.60	-5.91	-13.06	2.06	1.74	1.43	-0.68	14.05
SIDERH_SIN		0.00	152.13	13.87	5.72	-74.81	-247.59	13.67	1.33	-2.68	-1.76	1.84	4.64	-0.65	0.28	0.67	10.13
DRAGRH_COS		-155.87	215.03	13.90	-4.62	-17.26	89.58	-13.42	-2.19	-0.06	-1.64	5.36	6.59	-3.42	-0.58	1.06	19.45
DRAGRH_SIN		0.00	-59.91	19.62	1.17	23.13	232.91	-7.86	-2.21	-2.08	10.17	1.39	-3.76	-2.27	-1.74	1.39	-6.36

RUN	POINT	Harmonics															
49	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.01	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	0.02	-0.07	0.00	0.01	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.22	1.40	-1.82	5.36	-1.08	-1.53	-0.08	0.60	-0.23	-0.22	-0.15	0.17	0.18	0.39	-0.01	-0.40
ACT1FORCE_SIN		0.00	13.42	1.48	-1.86	2.02	-0.09	-0.61	0.75	0.48	-1.57	-0.09	0.10	0.47	0.25	0.00	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		360.19	-12.93	8.95	-98.35	7.63	13.53	1.73	0.31	-0.05	-0.05	-0.09	-0.16	-0.05	-0.04	-0.03	-0.05
FA1IBVOLTAGE_SIN		0.00	-77.97	-12.84	-279.51	-9.01	2.52	3.40	-0.13	0.12	-0.05	0.03	0.03	0.05	0.07	-0.04	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		445.81	13.10	-8.87	99.50	-7.51	-13.62	-1.43	-0.39	-0.08	0.05	0.06	0.10	0.03	0.02	0.04	0.05
FA1OBVOLTAGE_SIN		0.00	78.12	12.78	279.97	9.43	-2.33	-2.66	0.20	-0.13	0.06	0.01	-0.04	-0.01	-0.07	-0.01	0.05
MRBLD1CB42P75_COS		-4200.74	-1563.98	101.40	186.77	-77.05	-28.81	-28.42	-84.67	29.97	34.88	32.25	35.86	1.38	-18.59	-46.93	-3.21
MRBLD1CB42P75_SIN		0.00	-140.93	-39.63	-10.34	195.18	-10.38	18.07	-49.16	-12.95	-19.49	-100.00	28.65	-3.34	-2.78	5.96	-21.78

RUN	POINT	Harmonics															
49	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2715.00	-972.96	339.44	107.64	-69.69	-27.82	-22.44	-58.62	22.02	35.67	10.69	24.66	3.95	-10.13	-30.11	-0.85
MRBLD1CB70_SIN		0.00	-89.11	-37.37	14.59	341.39	11.78	97.25	-7.06	-7.01	-13.86	-54.64	12.33	-2.97	-0.30	5.78	-18.94
MRBLD1CB120_COS		-552.55	-403.06	449.79	101.82	-26.98	-2.90	-16.29	-19.25	-34.78	-18.24	5.19	-8.44	3.96	10.05	2.77	3.59
MRBLD1CB120_SIN		0.00	54.59	-110.99	-32.64	330.72	24.30	133.41	23.38	5.37	-19.25	54.65	-8.04	8.96	5.97	-4.06	-9.26
MRBLD1CB164_COS		-1973.72	-123.45	136.67	24.21	-33.50	-4.49	6.89	22.49	-33.38	-21.83	9.83	-9.52	0.03	5.72	15.86	-3.94
MRBLD1CB164_SIN		0.00	65.37	-37.31	-34.29	154.30	15.83	51.20	19.63	-4.21	-26.08	39.56	-1.72	11.35	3.93	1.92	15.94
MRBLD1FB42P75_COS		3154.64	247.90	-355.76	351.18	4.10	-31.63	-69.22	-251.36	-80.62	-75.96	23.64	65.50	24.36	-2.94	-52.82	-58.92
MRBLD1FB42P75_SIN		0.00	8.70	-61.63	2.91	232.12	104.73	50.70	-33.84	-15.02	-93.73	-133.60	0.80	-3.02	11.01	76.22	-34.35
MRBLD1FB70_COS		423.63	-4.14	-172.79	93.75	-13.55	-7.96	-7.38	-34.20	1.31	0.24	-0.47	-0.23	-1.97	-1.16	11.65	13.97
MRBLD1FB70_SIN		0.00	-196.65	-6.64	-17.66	69.06	11.70	12.20	-1.59	3.51	0.88	0.63	3.56	4.83	-0.42	-15.33	7.66
MRBLD1FB87_COS		-69.39	21.47	-154.41	22.43	-26.51	-22.18	-9.42	21.59	12.22	16.41	-0.41	-13.65	-1.25	2.50	7.72	7.79
MRBLD1FB87_SIN		0.00	-187.98	21.98	17.51	39.37	4.74	-3.26	0.05	-2.36	13.53	29.86	-0.76	2.67	1.24	-14.70	5.49
MRBLD1FB120_COS		-472.43	18.09	-247.48	-12.18	-1.22	-13.84	11.47	47.25	-0.51	-2.11	-6.19	2.61	0.89	-2.91	-13.88	-11.52
MRBLD1FB120_SIN		0.00	-238.39	60.09	63.68	34.76	3.91	-19.19	0.61	-5.29	0.00	-9.42	-2.57	-7.48	-3.50	19.91	-8.87
MRBLD1FB164_COS		-148.65	41.07	-278.18	38.28	57.98	46.80	2.85	-75.80	0.86	8.28	4.12	-4.64	0.82	5.12	12.81	7.66
MRBLD1FB164_SIN		0.00	-280.06	22.52	271.09	-62.95	-25.35	13.21	0.51	0.50	2.59	20.14	-2.21	2.39	2.49	-9.05	5.03

RUN	POINT	Harmonics															
49	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-199.91	-14.13	-138.99	17.75	37.53	40.10	-16.23	-75.35	18.79	29.34	-9.26	-26.31	10.22	9.98	-18.60	-18.33
MRBLD1FB180_SIN		0.00	-193.60	24.33	209.09	-40.72	-14.02	26.92	18.68	-9.11	-12.43	49.59	4.58	-2.10	-6.74	25.23	-9.41
MRBLD1TOR51_COS		-1400.13	61.12	49.07	7.12	-77.14	2.12	16.95	-10.85	7.13	0.20	-5.53	-1.86	4.13	2.67	-10.68	-2.02
MRBLD1TOR51_SIN		0.00	-85.50	13.55	226.11	-41.44	-2.00	-0.67	19.85	15.99	-14.33	-1.13	-4.48	4.12	2.87	1.27	-9.31
MRBLD1TOR71_COS		-254.38	79.37	33.19	-5.75	-64.31	8.54	21.85	-1.03	7.13	-1.62	-7.45	-3.34	3.58	4.82	-5.82	-2.38
MRBLD1TOR71_SIN		0.00	-83.28	8.50	203.29	-54.52	-3.37	0.43	26.52	19.22	-7.01	4.65	-4.04	2.33	2.55	1.20	-5.23
MRBLD1TOR130_COS		-25.75	67.78	51.88	-14.68	-51.69	7.37	18.61	-4.43	5.02	-0.57	5.33	2.57	0.90	-0.21	0.78	-2.10
MRBLD1TOR130_SIN		0.00	-69.85	4.57	199.80	-49.08	-2.69	2.95	17.26	13.30	-4.68	0.51	7.62	2.60	0.95	-0.15	4.56
MRBLD1TOR164_COS		-220.50	37.57	80.26	-18.43	-42.66	-5.45	1.11	-1.42	7.48	4.00	-0.07	-0.01	1.23	1.58	-0.12	0.20
MRBLD1TOR164_SIN		0.00	-30.32	5.67	110.19	-19.04	1.51	7.73	11.13	3.82	2.74	5.99	5.41	0.96	-0.82	-1.63	0.39
MRFBM1CB26P5_COS		-4736.96	-643.12	0.04	65.51	3.24	0.90	-1.96	-9.18	0.11	-1.36	6.74	2.32	0.38	-0.37	-5.66	-0.32
MRFBM1CB26P5_SIN		0.00	-120.18	-0.35	-14.30	-31.23	-9.65	-21.54	-11.66	-3.66	-4.12	-9.67	2.90	0.43	0.16	-1.01	-3.68
MRFBM1FB9_COS		324.91	-32.35	108.47	-73.12	16.84	11.94	9.37	8.23	0.53	-2.14	-4.71	-0.97	-0.39	0.64	2.20	-1.20
MRFBM1FB9_SIN		0.00	-59.90	53.48	-37.37	-32.34	-5.27	2.81	10.23	3.01	3.19	2.07	-2.20	-0.72	0.36	1.23	1.67
MRFBM1TOR26P5_COS		-352.54	78.30	-0.29	-0.03	-1.51	0.23	0.18	0.04	0.17	0.08	-0.10	-0.07	0.03	-0.01	0.06	0.03
MRFBM1TOR26P5_SIN		0.00	-93.20	0.31	1.49	-0.96	-0.38	0.15	0.09	0.29	-0.08	0.09	-0.15	0.10	0.06	0.03	-0.04

RUN	POINT	Harmonics															
49	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1200.73	-1439.14	21.31	205.60	-50.83	-20.54	-28.88	-80.04	10.64	14.13	33.18	27.78	3.48	-12.18	-44.21	-2.44
MRPC1CB33P25_SIN		0.00	-97.21	-28.59	-23.43	96.07	-8.70	-4.72	-53.84	-17.10	-30.81	-76.11	23.76	-0.36	0.53	4.11	-24.70
MRPC1FB33P25_COS		2325.23	176.68	-302.01	287.04	-52.36	-60.03	-70.49	-182.13	-50.12	-4.59	92.10	47.26	19.65	-11.09	-98.12	-3.24
MRPC1FB33P25_SIN		0.00	170.95	-110.26	59.91	205.84	76.20	16.53	-127.88	-50.19	-107.06	-84.46	40.82	13.99	6.10	0.99	-70.99
MRPC1TOR25P5_COS		-755.42	-40.27	-91.82	1.86	75.54	-13.73	-25.62	1.26	-9.78	2.97	11.87	7.11	-3.97	-4.25	-1.01	-1.70
MRPC1TOR25P5_SIN		0.00	155.81	-54.24	-223.92	69.03	7.20	4.54	-28.60	-22.63	13.16	-5.19	11.63	-5.34	-1.95	-2.46	4.54
MRPLK1LOAD_COS		-84.29	1.74	-9.20	0.81	10.28	-1.29	-3.34	1.42	-1.10	0.14	1.72	0.74	-0.61	-0.49	0.23	-0.63
MRPLK1LOAD_SIN		0.00	-8.62	-3.96	-30.69	7.57	1.42	-0.09	-3.28	-3.02	1.86	-0.30	1.69	-1.27	-0.49	-0.81	1.08
PITCHRH_COS		10282.48	-8310.63	-361.23	-29.83	-108.41	400.55	-166.64	-64.52	114.45	-64.59	129.81	-43.17	15.33	30.14	-19.46	-460.75
PITCHRH_SIN		0.00	2425.24	-640.42	67.68	-80.24	416.87	32.12	118.77	34.34	-88.66	-240.08	52.33	-1.60	38.95	-50.17	34.97
ROLLRH_COS		2516.57	-2031.47	783.24	-1.04	-258.33	-1336.11	-201.90	-61.56	111.02	114.19	387.11	-39.41	-29.00	-1.99	-30.54	-286.93
ROLLRH_SIN		0.00	-7874.35	-585.84	3.40	159.35	1321.99	-154.83	-76.03	35.76	-30.00	-169.20	-31.98	9.29	-32.14	-20.98	-522.60
TORQ_COS		31085.87	410.76	-11.26	27.18	-15.53	-1.46	3.37	13.06	-25.44	-2.52	-1.43	-0.76	6.80	-3.76	-3.25	18.08
TORQ_SIN		0.00	677.68	-29.81	19.73	-112.09	62.94	1.74	38.48	-3.48	-7.39	28.81	5.08	-5.06	4.64	-12.59	-11.36
THRUST_COS		5816.28	-61.72	18.64	5.84	7.24	2.87	3.77	24.74	-2.44	-5.39	-25.13	-0.54	2.84	-1.03	4.43	-4.32
THRUST_SIN		0.00	-47.26	13.09	-1.99	34.12	-42.26	6.59	15.85	0.99	4.74	47.41	-4.45	0.49	-0.70	-7.51	41.12

RUN	POINT	Harmonics															
49	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.94	27.27	-21.33	1.22	-1.87	11.65	11.47	0.19	-2.74	-5.65	-14.50	1.89	1.25	-0.23	0.76	9.30
SIDERH_SIN		0.00	159.15	14.78	3.39	-70.92	-184.55	11.05	0.27	-1.75	1.35	7.56	2.21	-0.54	1.26	0.53	14.80
DRAGRH_COS		-177.48	217.24	12.08	-1.96	-4.40	121.47	-6.16	-6.78	-3.53	2.66	-1.50	4.26	-3.46	-0.88	0.84	21.14
DRAGRH_SIN		0.00	-58.69	20.26	1.21	15.77	133.03	-11.18	-1.92	0.47	5.12	6.34	-4.95	-0.33	-0.84	1.00	-2.54

RUN	POINT	Harmonics															
49	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.79	0.00	0.00	0.00	0.05	-0.01	-0.08	0.01	0.01	0.00	0.01	0.00	0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.25	0.00	0.00	0.00	0.01	0.02	0.02	-0.01	0.00	0.00	0.00	0.01	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.09	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.29	1.53	-1.62	1.93	-0.57	-1.78	0.04	1.36	-0.32	-2.08	0.34	0.10	0.15	0.29	0.02	0.70
ACT1FORCE_SIN		0.00	13.47	2.67	-6.06	1.19	0.23	-0.70	0.82	0.70	0.21	-0.09	0.18	-0.16	-0.08	0.22	0.35
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.67	-16.07	3.36	-213.72	6.03	17.35	-0.76	0.46	-0.03	-0.06	0.05	0.04	0.04	-0.02	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-81.78	-22.11	-184.37	-3.47	-1.96	3.19	-0.41	0.22	0.00	-0.03	0.11	-0.01	0.06	0.04	0.11
FA1OBCURRENT_COS		0.02	0.01	0.01	0.08	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.31	16.19	-3.37	214.62	-5.78	-17.33	1.44	-0.50	-0.05	0.11	-0.04	-0.08	0.02	-0.01	0.03	0.00
FA1OBVOLTAGE_SIN		0.00	81.93	22.07	184.46	3.74	2.12	-3.15	0.45	-0.14	-0.02	0.08	-0.11	-0.02	-0.03	-0.06	-0.13
MRBLD1CB42P75_COS		-4178.55	-1342.60	110.82	137.36	-34.96	-26.56	-39.04	-112.42	48.96	25.21	17.13	26.54	-6.81	-13.22	-42.92	4.92
MRBLD1CB42P75_SIN		0.00	73.71	-88.74	31.78	210.19	-6.28	17.61	-72.57	-16.27	-4.82	-126.62	35.92	1.18	0.39	0.99	-17.48

RUN	POINT	Harmonics															
49	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2725.44	-837.72	362.76	51.04	-25.36	-20.07	-3.07	-74.29	37.40	29.08	-10.22	18.02	-2.34	-7.73	-28.57	6.19
MRBLD1CB70_SIN		0.00	65.07	-67.26	43.20	372.48	39.80	90.34	-25.41	-9.42	-3.35	-67.30	17.44	-1.33	-1.20	0.29	-13.15
MRBLD1CB120_COS		-561.74	-351.99	472.70	64.19	26.71	12.06	25.29	-19.13	-24.15	-22.69	14.14	-5.74	6.99	8.10	2.10	5.16
MRBLD1CB120_SIN		0.00	130.20	-126.01	2.35	355.93	63.60	138.61	3.74	6.96	-9.17	63.80	-9.27	7.53	3.93	-5.57	-5.83
MRBLD1CB164_COS		-1977.44	-109.09	139.65	-13.73	-2.81	-2.56	29.18	29.51	-32.65	-25.29	27.04	-3.95	5.18	5.21	16.02	-7.66
MRBLD1CB164_SIN		0.00	82.26	-37.28	-22.67	158.86	37.99	54.93	18.41	-1.68	-20.42	46.07	-1.32	9.50	3.63	4.51	11.33
MRBLD1FB42P75_COS		3132.79	186.76	-391.09	271.03	129.85	-17.47	-78.62	-339.50	-49.24	-79.07	16.80	68.27	23.02	1.70	-59.22	-35.80
MRBLD1FB42P75_SIN		0.00	-38.37	-89.35	135.83	173.88	88.89	73.61	-74.64	-42.69	-46.29	-176.01	11.43	1.53	11.68	68.08	-40.50
MRBLD1FB70_COS		419.60	-1.11	-188.28	57.88	28.85	-2.82	-7.71	-48.93	5.49	1.14	-2.08	-0.80	-2.32	-1.59	13.25	9.07
MRBLD1FB70_SIN		0.00	-197.93	-15.18	24.82	49.79	8.96	17.56	-7.64	-0.45	4.50	0.96	2.69	3.58	-1.22	-13.78	9.33
MRBLD1FB87_COS		-69.75	23.09	-169.02	-6.36	-9.64	-22.16	-6.99	30.07	8.50	18.01	3.35	-13.64	-1.29	1.09	9.68	4.40
MRBLD1FB87_SIN		0.00	-192.38	22.05	39.82	28.97	4.95	-2.29	4.76	1.38	4.48	39.38	-2.63	1.37	0.28	-13.67	6.54
MRBLD1FB120_COS		-464.46	22.24	-263.27	-53.29	-8.19	-15.61	12.25	65.60	-9.27	-4.78	-8.91	1.86	0.60	-1.97	-17.64	-6.77
MRBLD1FB120_SIN		0.00	-240.16	64.08	80.30	22.17	8.94	-26.18	11.62	-2.03	-6.32	-12.30	-1.18	-6.35	-1.61	18.95	-10.70
MRBLD1FB164_COS		-150.10	38.61	-305.98	98.81	-6.18	48.32	-2.86	-96.70	9.29	10.27	7.55	-4.76	0.60	3.88	12.52	4.34
MRBLD1FB164_SIN		0.00	-282.92	-12.23	271.95	-27.09	-31.91	18.54	-20.42	-9.10	4.63	26.07	-3.60	1.94	3.36	-7.86	6.21

RUN	POINT	Harmonics															
49	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.80	-14.26	-162.91	87.26	5.02	40.06	-23.59	-92.55	22.98	23.19	-2.62	-17.97	9.07	6.12	-23.29	-9.50
MRBLD1FB180_SIN		0.00	-191.25	-6.50	193.30	-12.40	-19.11	29.81	1.10	-15.31	-24.56	66.41	2.02	-5.14	-7.06	22.60	-13.65
MRBLD1TOR51_COS		-1402.76	59.52	46.37	109.21	-87.30	1.98	6.94	-20.38	18.31	-5.51	-8.49	-3.29	2.56	2.68	-8.95	2.32
MRBLD1TOR51_SIN		0.00	-84.21	-24.81	234.37	3.44	-7.39	0.60	5.78	14.90	-0.51	0.21	-3.12	-0.05	-0.44	0.01	-3.74
MRBLD1TOR71_COS		-256.28	75.34	30.77	94.97	-77.97	8.09	13.60	-7.31	15.39	-4.95	-10.28	-5.21	2.38	4.33	-4.58	2.02
MRBLD1TOR71_SIN		0.00	-84.85	-25.34	206.38	-12.99	-8.55	0.79	17.17	18.44	3.79	7.55	-2.93	-0.56	-0.20	-0.01	-1.91
MRBLD1TOR130_COS		-26.23	63.68	50.03	89.75	-67.41	6.29	12.74	-10.70	11.77	-1.92	5.33	-0.78	0.74	0.32	1.35	-0.76
MRBLD1TOR130_SIN		0.00	-70.02	-27.67	195.27	-10.22	-6.67	3.33	9.92	11.70	3.00	0.45	9.44	3.46	1.05	-0.86	1.87
MRBLD1TOR164_COS		-219.41	33.71	83.41	53.61	-39.52	-6.11	0.67	-4.95	8.30	7.87	-0.87	-1.06	1.51	0.90	-2.36	-1.07
MRBLD1TOR164_SIN		0.00	-29.25	-12.10	102.84	4.07	0.30	9.57	11.37	1.97	0.04	7.47	5.79	3.12	0.99	-2.49	-4.05
MRFBM1CB26P5_COS		-4724.97	-541.17	0.53	69.42	0.81	-0.61	-10.36	-12.90	1.40	-2.72	9.49	2.11	0.31	-0.33	-5.49	0.37
MRFBM1CB26P5_SIN		0.00	-18.40	-20.72	-2.63	-36.23	-15.98	-19.35	-13.72	-4.26	-2.59	-13.12	3.14	1.01	0.97	-1.15	-3.32
MRFBM1FB9_COS		304.28	-117.61	124.60	-39.71	0.96	10.05	11.52	10.15	-1.27	-0.70	-5.42	-0.73	-0.11	0.60	2.06	-1.32
MRFBM1FB9_SIN		0.00	-78.90	81.55	-62.56	-32.98	-5.90	0.78	15.12	2.87	2.36	3.31	-2.33	-0.63	0.26	1.45	1.02
MRFBM1TOR26P5_COS		-352.77	77.62	-0.33	0.64	-1.83	0.19	0.01	0.00	0.23	-0.06	-0.15	0.08	0.02	0.01	0.07	-0.04
MRFBM1TOR26P5_SIN		0.00	-93.98	0.01	1.37	-0.16	-0.45	0.16	0.00	0.27	0.04	0.09	-0.18	-0.01	0.04	0.04	0.03

RUN	POINT	Harmonics															
49	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1185.83	-1234.00	23.37	181.17	-16.63	-21.20	-44.26	-106.29	28.14	4.87	29.83	21.92	-1.70	-8.38	-41.14	5.52
MRPC1CB33P25_SIN		0.00	83.10	-76.48	20.39	96.18	-14.45	0.68	-77.00	-21.07	-16.16	-99.28	29.83	3.14	3.21	-0.62	-19.56
MRPC1FB33P25_COS		2306.66	124.78	-324.56	192.60	65.16	-44.74	-84.27	-232.46	-15.45	-29.95	110.97	41.06	15.45	-8.99	-95.43	16.42
MRPC1FB33P25_SIN		0.00	126.13	-136.92	154.75	185.46	68.83	29.34	-193.59	-58.17	-74.81	-118.29	50.92	17.16	10.07	-10.98	-55.49
MRPC1TOR25P5_COS		-754.44	-44.39	-83.70	-115.58	94.93	-13.30	-15.55	10.56	-20.84	9.02	15.88	4.40	-3.58	-3.99	-2.26	-0.33
MRPC1TOR25P5_SIN		0.00	149.57	-16.85	-232.63	20.94	13.30	2.23	-15.31	-20.91	-0.93	-8.44	12.02	1.36	2.21	-3.49	-2.68
MRPLK1LOAD_COS		-83.98	2.48	-8.64	-14.05	12.27	-1.20	-1.90	2.84	-2.75	1.33	2.39	-0.13	-0.52	-0.55	0.08	0.05
MRPLK1LOAD_SIN		0.00	-8.50	1.18	-31.83	1.26	2.34	-0.34	-1.32	-2.64	-0.34	-0.56	1.88	-0.05	0.13	-1.06	-0.15
PITCHRH_COS		11723.85	-8353.81	-325.87	-3.98	-136.11	542.53	-84.62	-75.45	145.35	-114.35	3.57	-28.30	9.57	59.47	-14.51	-507.23
PITCHRH_SIN		0.00	2428.13	-692.07	68.49	-44.12	12.34	21.82	159.84	-21.28	-86.15	-345.78	20.59	-13.96	17.61	-34.69	44.77
ROLLRH_COS		2974.28	-2054.34	724.27	-9.04	-236.63	-695.74	-144.48	-135.21	160.33	81.52	315.28	-25.23	-16.02	-3.98	-29.44	-186.67
ROLLRH_SIN		0.00	-7918.47	-556.86	-37.41	250.78	1852.34	-96.80	-84.05	67.72	-94.43	-214.64	-18.64	8.20	-31.22	-21.65	-506.27
TORQ_COS		31270.62	423.39	-14.04	25.94	-51.30	-0.01	1.04	23.01	-20.42	-4.84	-7.51	-0.81	4.70	-5.21	-4.26	22.75
TORQ_SIN		0.00	716.29	-19.70	4.92	-113.77	78.82	2.14	26.83	-0.24	-7.51	39.03	3.39	-8.32	4.05	-12.38	-15.18
THRUST_COS		5757.50	-64.16	19.86	3.09	11.43	-5.65	4.12	26.05	-3.57	-4.01	-33.06	-0.87	3.00	-2.44	6.55	0.30
THRUST_SIN		0.00	-53.68	5.82	5.29	35.56	-29.14	4.01	8.54	0.13	3.62	72.63	-1.81	0.59	-0.96	-8.33	23.04

RUN	POINT	Harmonics															
49	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.44	27.63	-20.63	-0.06	-11.87	-68.96	11.89	2.06	-5.16	-4.03	-12.68	1.63	0.62	-0.01	0.85	6.09
SIDERH_SIN		0.00	161.04	15.29	1.85	-79.90	-186.07	3.42	2.14	-0.39	4.95	6.90	1.80	-0.48	1.38	0.85	14.75
DRAGRH_COS		-170.92	217.21	13.56	-1.79	-2.24	184.78	-13.36	-6.41	-4.64	7.08	-1.46	2.54	-2.60	-1.91	0.21	23.55
DRAGRH_SIN		0.00	-59.85	21.28	0.31	13.82	92.53	-8.24	-1.87	4.06	6.82	11.16	-3.11	1.63	1.25	0.75	-2.33

RUN	POINT	Harmonics															
49	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.80	0.00	0.00	0.00	0.04	-0.01	-0.08	0.01	0.01	0.00	0.01	0.00	0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.25	0.00	0.00	0.00	0.01	0.02	0.02	-0.01	0.01	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.41	1.51	-1.80	1.87	-0.45	-1.74	0.03	1.21	-0.36	-2.03	0.37	0.18	0.21	0.25	0.03	0.72
ACT1FORCE_SIN		0.00	13.43	2.66	-5.99	1.07	0.22	-0.61	0.74	0.60	0.20	-0.10	0.23	-0.17	-0.02	0.19	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.25	-16.17	5.39	-214.14	6.00	16.83	-0.86	0.46	0.03	-0.07	0.10	0.07	0.00	0.02	-0.10	-0.03
FA1IBVOLTAGE_SIN		0.00	-81.75	-22.38	-183.85	-2.83	-1.48	2.59	-0.30	0.21	-0.03	-0.04	0.17	-0.10	-0.02	0.00	0.10
FA1OBCURRENT_COS		0.02	0.01	0.01	0.08	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.74	16.28	-5.40	215.05	-5.76	-16.82	1.56	-0.48	-0.12	0.10	-0.06	-0.06	0.03	-0.03	0.07	0.03
FA1OBVOLTAGE_SIN		0.00	81.90	22.35	183.95	3.10	1.63	-2.56	0.35	-0.12	-0.02	0.08	-0.13	0.08	0.04	0.00	-0.09
MRBLD1CB42P75_COS		-4187.09	-1408.80	118.28	146.37	-29.15	-25.73	-41.08	-84.74	46.76	20.54	21.97	22.29	-8.54	-12.91	-44.89	2.17
MRBLD1CB42P75_SIN		0.00	46.68	-86.74	46.08	217.77	-10.58	14.97	-49.49	-5.15	1.46	-128.40	30.55	-2.63	3.09	6.42	-17.31

RUN	POINT	Harmonics															
49	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2725.36	-877.48	362.54	58.04	-11.02	-23.80	-0.33	-56.97	35.25	26.33	-1.17	14.57	-3.33	-5.06	-26.71	6.23
MRBLD1CB70_SIN		0.00	38.19	-67.98	57.57	383.42	39.60	76.99	-10.60	-1.84	1.90	-69.92	13.23	-5.32	1.07	5.13	-13.72
MRBLD1CB120_COS		-554.33	-364.70	467.48	73.41	42.78	4.98	37.39	-12.03	-22.66	-18.23	10.75	-3.03	8.56	8.96	3.18	6.45
MRBLD1CB120_SIN		0.00	104.89	-127.67	12.49	354.69	65.79	121.63	4.12	7.04	-11.42	65.16	-6.29	9.59	3.17	-6.06	-7.05
MRBLD1CB164_COS		-1974.94	-111.94	138.19	-9.28	3.92	-5.41	35.77	24.92	-29.33	-21.68	18.10	-2.70	4.91	2.94	14.35	-7.69
MRBLD1CB164_SIN		0.00	73.77	-37.29	-17.11	157.59	40.61	47.48	10.18	-5.02	-24.08	47.67	1.86	12.96	3.74	2.73	12.85
MRBLD1FB42P75_COS		3137.14	205.88	-382.83	302.74	128.94	-31.02	-79.06	-276.69	-50.15	-84.48	1.90	62.14	18.58	1.62	-54.31	-40.07
MRBLD1FB42P75_SIN		0.00	-34.83	-87.29	155.30	124.33	65.43	72.24	-73.59	-32.25	-44.42	-167.91	9.90	1.08	12.48	73.68	-40.25
MRBLD1FB70_COS		419.51	-1.84	-184.88	67.51	28.84	-6.16	-7.34	-36.77	5.98	1.64	-1.20	-0.07	-1.62	-1.51	12.63	10.34
MRBLD1FB70_SIN		0.00	-197.27	-13.59	33.62	37.58	3.62	17.61	-6.45	1.86	5.40	1.30	3.22	4.28	-0.95	-14.55	9.48
MRBLD1FB87_COS		-69.97	24.58	-163.85	0.35	-8.08	-21.26	-6.01	25.03	8.86	19.21	6.17	-12.30	-0.42	0.86	7.94	4.63
MRBLD1FB87_SIN		0.00	-189.65	23.28	45.10	24.51	4.29	-1.18	5.30	0.54	4.61	38.53	-2.05	1.38	0.27	-14.76	6.28
MRBLD1FB120_COS		-468.25	20.28	-258.56	-50.64	-8.28	-14.56	10.96	48.72	-10.38	-5.02	-9.91	1.18	0.11	-1.55	-15.54	-7.56
MRBLD1FB120_SIN		0.00	-232.38	65.30	87.15	25.03	12.66	-24.93	10.06	-5.43	-7.52	-12.69	-2.05	-7.08	-2.38	19.43	-10.82
MRBLD1FB164_COS		-151.72	35.81	-300.93	105.30	-8.90	50.40	0.26	-73.39	10.82	9.83	8.73	-3.81	1.13	4.03	11.29	4.76
MRBLD1FB164_SIN		0.00	-274.39	-12.04	280.68	-13.28	-25.48	17.14	-17.85	-1.46	7.35	27.51	-2.49	2.82	4.11	-8.36	6.46

RUN	POINT	Harmonics															
49	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-202.57	-16.69	-161.68	89.51	2.78	39.50	-22.41	-70.40	24.71	23.75	1.16	-18.47	8.99	7.63	-19.73	-8.99
MRBLD1FB180_SIN		0.00	-186.69	-6.55	197.65	-3.07	-15.60	29.11	5.18	-8.71	-21.44	66.31	4.63	-3.85	-6.93	24.01	-14.34
MRBLD1TOR51_COS		-1401.09	59.64	47.71	113.44	-86.79	1.48	7.20	-8.61	17.08	-5.48	-7.10	-3.02	2.68	3.02	-8.56	2.68
MRBLD1TOR51_SIN		0.00	-84.16	-24.11	236.89	0.49	-8.30	4.48	7.95	16.35	0.08	0.11	-2.63	0.13	0.26	1.23	-4.06
MRBLD1TOR71_COS		-255.22	75.84	31.52	97.55	-78.41	7.62	13.59	1.02	14.62	-4.58	-8.86	-4.63	2.57	4.45	-4.33	2.38
MRBLD1TOR71_SIN		0.00	-84.33	-24.70	207.55	-14.77	-8.76	4.36	17.53	19.07	4.16	7.75	-1.98	-0.11	0.49	0.45	-2.21
MRBLD1TOR130_COS		-25.56	63.86	50.55	91.38	-68.33	6.11	12.90	-2.97	11.43	-1.78	4.99	-0.30	0.68	-0.18	0.76	-0.97
MRBLD1TOR130_SIN		0.00	-69.36	-27.35	194.95	-9.55	-5.96	5.67	10.77	12.89	3.60	0.54	9.68	3.38	1.45	-1.47	1.78
MRBLD1TOR164_COS		-218.93	33.99	82.47	53.76	-39.14	-6.55	0.12	-2.39	8.32	8.17	-0.77	-0.83	1.72	1.10	-2.26	-1.29
MRBLD1TOR164_SIN		0.00	-29.95	-12.42	101.03	2.38	-1.19	10.43	10.97	1.85	0.81	7.77	6.01	2.95	0.85	-2.91	-4.34
MRFBM1CB26P5_COS		-4729.25	-571.60	4.48	70.80	-3.14	0.76	-11.16	-9.44	1.12	-3.06	7.39	2.07	0.20	-0.76	-6.16	-0.03
MRFBM1CB26P5_SIN		0.00	-29.89	-19.11	-1.79	-35.19	-16.42	-16.79	-11.07	-3.24	-3.00	-13.06	2.80	1.08	0.69	-1.13	-3.51
MRFBM1FB9_COS		312.02	-96.64	118.10	-45.69	-1.64	10.14	11.28	7.81	-0.79	-0.52	-5.29	-0.75	-0.18	0.59	2.15	-1.33
MRFBM1FB9_SIN		0.00	-86.47	77.68	-70.73	-28.39	-3.87	0.03	12.61	2.27	2.14	3.37	-2.07	-0.47	0.05	1.06	1.19
MRFBM1TOR26P5_COS		-352.71	77.69	-0.34	0.64	-1.81	0.15	0.02	0.07	0.23	-0.07	-0.11	0.06	0.02	0.01	0.08	-0.04
MRFBM1TOR26P5_SIN		0.00	-93.96	0.04	1.37	-0.12	-0.43	0.24	0.00	0.27	0.05	0.09	-0.19	0.00	0.02	0.08	0.05

RUN	POINT	Harmonics															
49	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1193.11	-1294.82	32.16	189.48	-16.34	-19.74	-45.57	-80.52	26.11	1.50	28.11	19.04	-3.09	-8.95	-43.31	3.20
MRPC1CB33P25_SIN		0.00	62.01	-75.56	29.62	96.53	-20.02	1.96	-59.90	-13.17	-12.99	-100.37	26.03	0.76	4.74	3.80	-19.99
MRPC1FB33P25_COS		2310.16	142.04	-318.15	215.38	76.99	-48.55	-83.75	-184.71	-21.13	-35.60	95.87	37.87	13.12	-9.52	-97.75	12.93
MRPC1FB33P25_SIN		0.00	129.00	-133.73	175.94	145.67	47.28	27.27	-167.09	-49.85	-75.62	-121.63	45.55	13.74	11.10	-2.76	-59.45
MRPC1TOR25P5_COS		-755.95	-42.41	-85.90	-118.84	95.94	-13.06	-15.62	-0.04	-19.50	8.39	13.89	4.14	-3.61	-4.63	-3.61	-1.28
MRPC1TOR25P5_SIN		0.00	149.09	-16.21	-234.25	22.88	14.06	-3.09	-16.14	-21.92	-1.50	-8.84	11.38	0.69	2.37	-4.92	-3.62
MRPLK1LOAD_COS		-84.24	2.33	-8.82	-14.59	12.37	-1.04	-1.96	1.20	-2.59	1.29	2.06	-0.09	-0.48	-0.72	-0.10	-0.01
MRPLK1LOAD_SIN		0.00	-8.67	1.13	-32.06	1.65	2.37	-1.01	-1.52	-2.84	-0.47	-0.58	1.82	-0.12	0.23	-1.46	-0.36
PITCHRH_COS		11370.28	-8346.60	-332.23	-12.87	-133.16	483.38	-75.56	-25.10	138.40	-98.04	4.53	-26.66	17.33	21.40	-33.00	-503.49
PITCHRH_SIN		0.00	2465.30	-682.04	75.19	-45.55	-122.60	69.43	82.30	-15.44	-62.67	-372.78	9.56	-15.26	9.60	-31.31	62.89
ROLLRH_COS		3074.18	-2055.11	724.24	-21.89	-218.67	-416.81	-146.53	-113.84	144.70	85.31	297.27	-18.71	-39.25	2.00	-64.71	-200.39
ROLLRH_SIN		0.00	-7940.66	-557.71	-20.91	232.95	1810.80	-81.97	-83.16	53.30	-89.08	-222.12	-17.84	20.79	-18.36	22.02	-525.54
TORQ_COS		31131.17	421.86	-10.29	22.80	-41.47	-3.63	-0.81	9.47	-22.65	-4.22	-1.80	-1.93	1.85	-2.24	-3.37	24.53
TORQ_SIN		0.00	700.64	-25.28	4.09	-136.40	79.44	-0.49	18.39	-5.15	-5.87	36.78	4.50	-8.74	4.21	-13.45	-18.25
THRUST_COS		5779.08	-62.40	19.37	3.49	9.30	-1.82	4.16	14.71	-2.07	-5.50	-24.81	-0.60	3.42	0.39	4.34	-0.87
THRUST_SIN		0.00	-53.35	5.79	5.56	37.86	-19.60	3.81	8.36	0.21	2.50	71.96	-1.85	0.71	-0.71	-11.92	24.29

RUN	POINT	Harmonics															
49	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.28	24.91	-19.38	1.30	-9.42	-82.90	13.79	1.68	-4.85	-4.57	-12.13	1.31	1.29	-0.10	2.02	6.44
SIDERH_SIN		0.00	166.14	14.62	1.92	-78.01	-169.17	3.60	3.09	0.06	4.65	7.18	1.56	-0.91	0.85	-0.48	15.12
DRAGRH_COS		-171.83	218.25	13.44	-2.11	-0.22	186.94	-11.51	-2.20	-4.87	6.00	-1.99	2.30	-2.01	-0.39	0.91	23.15
DRAGRH_SIN		0.00	-59.76	21.61	0.57	10.62	66.88	-13.41	-3.48	3.30	4.83	14.35	-2.37	1.23	0.83	0.57	-3.17

RUN	POINT	Harmonics															
49	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.31	0.00	0.00	0.00	0.03	-0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.69	0.00	0.00	0.00	0.01	0.02	0.07	-0.01	0.00	0.01	-0.01	0.00	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.13	1.43	-1.28	-3.23	-0.34	-1.10	-0.32	1.06	-0.29	-0.01	0.66	0.22	-0.12	0.07	0.38	-0.34
ACT1FORCE_SIN		0.00	13.70	3.98	-7.98	-0.85	1.03	-0.31	0.15	0.45	1.85	-0.10	0.07	0.03	-0.43	0.07	-0.24
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.28	-16.83	-0.11	-265.80	6.22	11.73	0.01	0.19	0.05	0.03	0.08	0.12	-0.06	0.12	0.03	0.02
FA1IBVOLTAGE_SIN		0.00	-86.70	-29.63	-44.08	9.32	-9.84	1.47	-0.29	0.26	0.13	-0.02	-0.03	0.04	-0.04	0.02	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.70	16.91	0.03	266.56	-5.95	-11.62	0.30	-0.26	-0.02	-0.06	-0.05	-0.11	0.03	-0.11	-0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	86.84	29.67	43.73	-9.25	9.92	-2.02	0.31	-0.18	-0.18	0.00	0.01	-0.07	0.06	-0.02	0.06
MRBLD1CB42P75_COS		-4157.56	-1614.31	101.27	123.41	3.70	-40.33	-34.49	-124.40	48.08	39.96	26.78	16.30	-13.24	-7.70	-42.82	3.39
MRBLD1CB42P75_SIN		0.00	-18.51	-144.30	123.76	167.85	-22.12	19.71	-31.22	-23.07	6.50	-78.05	34.04	4.48	0.56	23.04	-26.40

RUN	POINT	Harmonics															
49	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.88	-1011.17	362.89	26.49	40.78	-28.60	11.12	-74.26	32.65	39.28	27.67	12.62	-7.01	-2.07	-28.84	4.93
MRBLD1CB70_SIN		0.00	3.66	-101.85	121.33	337.93	21.18	35.46	7.55	-11.82	2.28	-25.84	18.69	1.65	-3.89	18.03	-26.14
MRBLD1CB120_COS		-539.61	-415.03	476.45	64.23	79.97	18.28	75.52	-20.08	-17.76	-11.95	1.67	-0.50	11.47	9.54	1.16	4.58
MRBLD1CB120_SIN		0.00	91.04	-141.86	55.08	285.50	48.40	55.70	23.64	-1.93	1.66	46.52	-6.40	4.10	2.14	-3.92	-7.94
MRBLD1CB164_COS		-1973.68	-123.12	144.39	-35.36	17.40	7.26	50.37	33.15	-25.23	-20.29	-7.41	0.67	9.52	1.70	20.17	-8.22
MRBLD1CB164_SIN		0.00	67.28	-38.09	6.39	111.50	39.29	12.89	13.72	-5.40	-11.06	16.52	-1.81	9.08	6.11	-5.70	20.09
MRBLD1FB42P75_COS		3117.99	264.49	-415.21	316.45	54.50	-26.48	-26.22	-342.55	-41.32	-12.39	-31.21	58.60	14.44	16.22	-14.54	-53.59
MRBLD1FB42P75_SIN		0.00	-41.89	-107.37	301.49	-106.09	79.16	71.78	23.05	-85.84	-31.33	-114.71	13.10	-1.03	1.41	93.01	-50.03
MRBLD1FB70_COS		413.03	5.49	-195.32	62.97	11.91	-5.04	4.67	-49.22	5.41	6.42	0.70	-0.95	-1.18	-3.78	4.13	12.64
MRBLD1FB70_SIN		0.00	-206.52	-22.55	87.35	-37.71	8.14	17.73	10.65	-4.45	5.21	3.62	3.54	4.89	1.18	-19.24	10.68
MRBLD1FB87_COS		-73.97	32.30	-169.57	-11.00	-18.14	-21.26	-7.21	30.14	6.58	4.77	11.52	-11.46	-0.18	-1.74	-0.04	6.54
MRBLD1FB87_SIN		0.00	-196.58	20.91	76.82	-11.13	5.50	-1.04	-3.26	7.58	1.51	25.54	-3.03	0.97	2.11	-18.16	8.90
MRBLD1FB120_COS		-471.30	25.21	-264.75	-72.24	-12.04	-7.89	-4.15	69.87	-8.27	-8.99	-10.77	1.13	0.08	2.46	-2.45	-9.77
MRBLD1FB120_SIN		0.00	-231.17	63.97	125.09	26.36	14.42	-24.62	-12.76	6.38	-7.38	-10.75	-1.86	-6.27	-4.55	24.89	-14.92
MRBLD1FB164_COS		-154.67	43.50	-345.09	177.24	12.94	48.36	23.80	-98.82	9.72	9.23	10.90	-3.84	5.51	3.77	4.45	5.20
MRBLD1FB164_SIN		0.00	-267.36	-41.17	249.91	112.85	-47.29	15.93	13.28	-17.63	6.54	20.38	-5.33	1.64	6.25	-10.25	8.77

RUN	POINT	Harmonics															
49	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.20	-11.14	-199.59	157.29	26.65	34.29	-5.08	-89.27	22.65	1.53	9.85	-16.18	10.71	10.54	-0.46	-12.85
MRBLD1FB180_SIN		0.00	-175.52	-32.38	146.81	82.24	-26.19	23.90	28.22	-16.22	-19.95	45.20	-1.45	-6.14	-12.14	26.88	-16.99
MRBLD1TOR51_COS		-1404.70	54.97	29.62	208.30	-83.53	-5.22	13.48	-23.53	13.50	7.93	-0.69	-1.58	2.51	3.64	-3.95	2.37
MRBLD1TOR51_SIN		0.00	-85.40	-57.64	200.06	32.75	-19.55	8.52	26.48	5.63	0.58	1.52	-1.75	0.49	-2.37	5.13	-8.18
MRBLD1TOR71_COS		-258.37	74.13	15.68	188.02	-75.25	1.61	16.57	-8.33	10.31	4.74	-2.69	-2.61	2.53	3.62	-1.20	0.87
MRBLD1TOR71_SIN		0.00	-85.06	-54.28	165.93	23.41	-18.96	7.86	32.18	11.24	3.00	6.78	-0.78	0.57	-1.70	2.51	-4.15
MRBLD1TOR130_COS		-28.00	60.57	35.90	181.09	-63.27	0.35	14.93	-11.24	9.62	4.38	3.09	0.18	0.71	-1.55	-1.22	-3.27
MRBLD1TOR130_SIN		0.00	-69.70	-55.62	144.06	36.62	-14.54	7.43	23.52	7.18	5.09	1.57	11.07	3.43	1.98	-2.47	3.47
MRBLD1TOR164_COS		-218.89	29.00	77.72	112.49	-31.42	-12.26	0.74	-2.35	6.31	4.66	-0.43	-0.32	2.46	1.58	-4.45	-2.44
MRBLD1TOR164_SIN		0.00	-30.73	-28.50	61.35	13.98	-1.58	9.33	17.12	2.86	-1.84	7.26	6.32	2.19	2.90	-0.44	-0.85
MRFBM1CB26P5_COS		-4707.94	-675.65	-3.61	78.44	-10.45	-1.87	-11.28	-15.60	2.15	-1.07	-1.17	1.43	0.53	0.34	-5.10	0.30
MRFBM1CB26P5_SIN		0.00	-71.74	-41.03	10.69	-31.50	-17.24	-5.58	-10.88	-5.46	-1.18	-14.24	2.09	0.17	1.45	1.33	-2.95
MRFBM1FB9_COS		300.65	-14.81	134.20	-32.47	-4.71	10.65	6.49	14.04	-2.53	-1.69	-3.73	-0.44	0.03	0.25	2.66	-1.81
MRFBM1FB9_SIN		0.00	-100.59	103.01	-108.56	0.51	-4.63	-3.54	11.36	3.61	0.19	2.25	-1.84	-0.44	-0.16	0.05	1.54
MRFBM1TOR26P5_COS		-352.69	78.68	-0.38	1.15	-1.63	0.04	0.13	0.00	0.19	0.08	0.05	0.06	0.00	0.02	0.12	0.05
MRFBM1TOR26P5_SIN		0.00	-93.40	-0.03	1.09	0.69	-0.43	0.29	0.07	0.19	0.09	0.11	-0.25	0.03	-0.01	0.04	-0.02

RUN	POINT	Harmonics															
49	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1178.57	-1469.07	8.48	185.93	-6.59	-31.78	-32.19	-120.73	30.76	20.84	14.04	14.80	-5.37	-2.39	-39.82	4.14
MRPC1CB33P25_SIN		0.00	13.36	-131.21	93.38	47.96	-22.05	18.33	-40.37	-32.40	-2.34	-69.55	27.13	4.03	3.74	21.21	-27.85
MRPC1FB33P25_COS		2290.81	197.06	-341.67	194.84	69.79	-48.94	-43.47	-272.55	8.77	10.11	43.95	32.47	11.41	8.35	-91.86	13.42
MRPC1FB33P25_SIN		0.00	128.06	-150.36	301.52	-62.80	61.15	41.41	-118.98	-84.51	-30.02	-99.79	47.08	9.21	14.51	43.80	-76.24
MRPC1TOR25P5_COS		-753.31	-32.97	-68.21	-225.00	96.59	-6.15	-22.87	13.66	-13.98	-5.75	5.28	2.46	-3.41	-4.65	-10.29	-5.50
MRPC1TOR25P5_SIN		0.00	149.47	23.27	-189.97	-21.23	28.36	-6.83	-35.12	-9.89	-1.66	-7.57	13.44	0.78	5.55	-3.72	1.21
MRPLK1LOAD_COS		-83.80	2.52	-6.24	-28.18	12.49	-0.01	-3.07	3.08	-1.86	-1.05	0.52	-0.09	-0.38	-0.91	-1.25	-1.10
MRPLK1LOAD_SIN		0.00	-8.64	5.55	-26.46	-3.62	3.90	-1.29	-4.22	-1.11	-0.55	-0.73	2.24	-0.17	0.79	-1.48	0.70
PITCHRH_COS		9991.69	-8369.18	-350.71	-32.95	-66.60	-143.33	-111.80	-3.23	103.18	-56.66	-13.32	-48.59	2.54	7.84	-6.33	-397.62
PITCHRH_SIN		0.00	2463.77	-755.74	27.04	8.51	-809.09	105.85	103.77	-37.82	11.58	-187.01	-9.27	-35.90	21.10	-5.47	259.53
ROLLRH_COS		3297.67	-2012.48	756.50	-73.89	-80.98	820.18	-124.41	-113.98	133.03	49.55	248.71	-4.23	-27.63	35.99	-71.84	-498.48
ROLLRH_SIN		0.00	-7965.90	-597.87	-28.55	233.73	991.77	-38.91	-19.93	18.19	-33.90	-87.64	-15.16	-5.43	-70.48	-27.81	-552.73
TORQ_COS		31464.37	442.09	-4.77	26.90	-61.77	25.63	-0.43	17.16	-15.12	-4.21	27.40	-2.29	-1.06	-3.26	-1.44	1.57
TORQ_SIN		0.00	681.61	-9.34	-8.38	-145.78	115.96	-1.64	23.55	-6.21	0.33	41.36	7.61	-4.55	3.50	-9.36	-21.34
THRUST_COS		5743.22	-68.32	13.91	6.93	7.80	13.91	5.04	18.62	-3.18	-6.31	1.70	1.41	2.41	-1.72	6.02	-1.96
THRUST_SIN		0.00	-57.29	0.01	8.80	40.79	-16.80	4.66	6.69	1.62	2.25	64.26	-0.97	2.32	0.91	-9.11	45.48

RUN	POINT	Harmonics															
49	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.29	20.15	-18.81	-0.38	-19.66	-124.75	13.08	2.21	-3.32	-3.18	-12.82	0.07	0.41	-1.14	2.11	15.08
SIDERH_SIN		0.00	166.60	15.98	-0.74	-70.03	-50.38	3.50	0.86	1.75	1.87	3.53	1.14	0.17	2.39	0.82	15.51
DRAGRH_COS		-182.85	218.49	14.45	-0.45	-1.10	157.31	-2.15	-4.40	-3.27	4.31	1.59	3.58	0.44	-0.35	-0.46	17.46
DRAGRH_SIN		0.00	-59.43	19.82	-1.95	0.95	-36.81	-19.47	0.02	6.30	-3.00	12.03	-0.26	0.87	0.04	-1.32	-11.70

RUN	POINT	Harmonics															
49	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.48	0.00	0.00	0.00	0.04	0.00	0.09	0.01	0.01	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.06	0.00	0.00	0.00	-0.02	0.02	-0.02	-0.01	0.02	0.00	0.00	-0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.91	1.07	-0.31	-8.33	-1.37	-0.27	-0.54	1.03	-0.11	2.03	0.44	0.34	0.37	-0.20	0.17	0.06
ACT1FORCE_SIN		0.00	13.62	4.09	-6.82	-2.16	0.94	-0.31	-0.64	0.48	0.06	-0.17	0.42	0.29	-0.19	-0.36	0.44
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.29	-15.46	-6.05	-242.24	14.25	3.15	2.75	-0.07	0.12	0.22	0.09	-0.03	0.05	-0.02	0.05	-0.03
FA1IBVOLTAGE_SIN		0.00	-86.99	-25.82	105.77	14.84	-10.20	4.54	-0.38	0.08	0.09	-0.05	0.10	0.09	-0.11	0.06	0.01
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.09	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.69	15.54	5.97	242.53	-14.05	-3.04	-3.18	-0.01	-0.07	-0.28	-0.09	0.00	-0.05	0.04	-0.05	0.04
FA1OBVOLTAGE_SIN		0.00	87.14	25.93	-106.75	-14.89	10.17	-5.05	0.48	-0.08	-0.03	0.05	-0.09	-0.04	0.11	-0.06	0.00
MRBLD1CB42P75_COS		-4140.59	-1585.59	90.01	164.11	21.03	-60.88	-39.66	-193.02	33.82	43.34	27.60	-4.24	-8.75	-4.37	-29.03	0.82
MRBLD1CB42P75_SIN		0.00	-10.77	-163.58	176.84	150.74	-31.69	26.94	-1.54	-49.32	-11.84	-38.04	24.87	17.48	3.50	35.53	-29.47

RUN	POINT	Harmonics															
49	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2774.05	-991.13	362.38	55.72	85.53	-34.66	-15.82	-121.16	23.06	34.49	37.24	0.98	-4.15	-1.93	-21.68	-2.06
MRBLD1CB70_SIN		0.00	12.39	-123.56	178.08	315.78	-7.56	16.63	31.02	-25.60	-11.23	-21.81	12.91	12.14	-1.22	27.19	-29.79
MRBLD1CB120_COS		-519.17	-401.67	477.56	97.93	115.32	24.03	60.44	-41.84	-24.44	-2.53	6.95	11.67	7.37	8.71	-1.25	4.27
MRBLD1CB120_SIN		0.00	88.62	-159.21	88.98	249.62	11.85	6.03	50.89	2.68	-0.14	32.13	-3.04	-2.33	-0.34	-3.05	-6.99
MRBLD1CB164_COS		-1965.66	-120.96	147.49	-35.32	25.62	17.83	42.64	47.33	-30.27	-11.06	-13.01	9.05	8.32	4.31	17.70	-4.99
MRBLD1CB164_SIN		0.00	61.29	-43.35	37.36	81.97	26.00	-11.06	14.99	6.54	-6.70	20.66	0.89	1.59	3.64	-14.68	23.12
MRBLD1FB42P75_COS		3102.31	261.19	-430.56	432.40	-20.43	-39.32	6.91	-422.44	-77.27	12.62	22.23	45.28	20.49	24.43	27.79	-60.19
MRBLD1FB42P75_SIN		0.00	-49.61	-90.62	382.65	-213.02	74.60	42.63	184.74	-99.41	-84.39	-50.66	23.09	8.55	-6.05	90.41	-48.70
MRBLD1FB70_COS		405.58	6.64	-201.39	98.75	-12.10	-10.41	10.37	-65.19	-0.77	6.00	1.74	-0.88	-1.27	-4.86	-4.82	13.03
MRBLD1FB70_SIN		0.00	-211.45	-15.60	123.42	-73.93	6.41	12.10	38.81	-7.03	0.53	4.13	3.90	3.72	2.85	-19.20	9.70
MRBLD1FB87_COS		-79.30	33.41	-171.78	4.15	-32.79	-20.56	-6.62	37.69	11.62	0.49	-0.28	-6.89	-2.22	-2.96	-7.28	8.58
MRBLD1FB87_SIN		0.00	-200.67	27.80	103.20	-29.67	4.98	0.58	-17.05	9.00	10.59	10.19	-6.25	-2.74	1.85	-17.20	10.28
MRBLD1FB120_COS		-476.54	24.83	-264.01	-66.22	-23.81	4.14	-12.75	94.51	0.93	-11.39	-7.54	-1.63	1.26	4.79	7.84	-12.98
MRBLD1FB120_SIN		0.00	-228.46	74.04	169.49	23.03	11.61	-18.05	-54.61	12.51	-0.40	-6.23	0.85	-2.42	-4.72	24.44	-17.17
MRBLD1FB164_COS		-166.79	52.71	-377.12	222.09	66.35	44.37	37.59	-132.60	-7.00	7.82	3.47	-2.46	2.67	2.27	-1.30	7.10
MRBLD1FB164_SIN		0.00	-264.59	-22.77	194.38	182.04	-47.00	1.05	69.58	-24.44	1.83	11.16	-8.21	-3.19	5.55	-9.94	10.93

RUN	POINT	Harmonics															
49	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.19	-5.25	-229.03	188.49	71.59	25.61	5.52	-119.85	10.82	-7.55	-15.86	-12.30	6.59	9.77	10.33	-15.21
MRBLD1FB180_SIN		0.00	-171.06	-27.71	76.19	132.54	-25.52	8.91	77.00	-16.52	-2.90	19.54	-5.35	-8.08	-14.53	23.21	-18.99
MRBLD1TOR51_COS		-1407.76	57.98	-0.17	276.39	-55.66	-11.65	3.66	-44.67	7.93	11.23	-0.17	1.83	3.05	2.84	0.23	2.10
MRBLD1TOR51_SIN		0.00	-84.22	-70.16	112.27	66.05	-18.61	5.79	43.89	2.60	-13.24	-4.30	-1.90	-0.33	-1.26	6.74	-6.82
MRBLD1TOR71_COS		-261.85	76.49	-11.72	247.93	-49.09	-3.87	6.13	-21.58	5.87	5.56	-2.63	2.44	2.74	2.50	0.07	1.61
MRBLD1TOR71_SIN		0.00	-84.56	-65.21	78.58	57.82	-17.30	6.10	44.03	9.95	-7.91	-1.33	-2.07	-0.49	-1.17	1.93	-2.15
MRBLD1TOR130_COS		-31.13	62.71	8.80	233.32	-35.18	-4.49	6.63	-24.35	5.63	5.64	2.51	2.32	0.74	-0.74	-4.74	-2.67
MRBLD1TOR130_SIN		0.00	-68.39	-66.52	50.22	72.44	-11.99	6.12	34.91	4.90	-2.29	3.83	7.24	3.74	2.14	-4.15	4.01
MRBLD1TOR164_COS		-218.65	28.71	62.54	142.36	-16.64	-15.30	-3.78	-4.10	5.20	-0.62	-0.90	0.23	1.16	3.51	-6.07	-1.97
MRBLD1TOR164_SIN		0.00	-30.44	-38.97	-4.21	24.42	0.49	8.36	22.04	4.01	-0.56	4.47	3.37	2.16	2.11	0.41	-2.49
MRFBM1CB26P5_COS		-4702.85	-664.71	-8.43	90.72	-18.39	-7.52	-5.27	-22.03	0.45	1.91	-3.43	-0.04	0.23	1.14	-3.45	1.16
MRFBM1CB26P5_SIN		0.00	-66.54	-46.64	9.87	-23.63	-13.13	0.74	-8.60	-9.34	-2.39	-3.72	1.68	0.06	1.37	3.27	-2.73
MRFBM1FB9_COS		283.78	-16.40	146.15	-51.81	-2.72	11.37	2.65	23.46	-2.02	-3.47	-2.90	0.37	0.40	0.10	2.49	-1.70
MRFBM1FB9_SIN		0.00	-98.88	99.98	-141.62	14.98	-2.70	-4.10	8.56	5.28	1.10	-0.01	-1.32	-0.90	-0.51	-1.17	1.81
MRFBM1TOR26P5_COS		-352.73	78.59	-0.57	1.51	-1.13	-0.03	-0.01	-0.14	0.15	0.16	0.05	-0.05	0.05	-0.02	0.23	0.02
MRFBM1TOR26P5_SIN		0.00	-93.50	-0.13	0.54	1.29	-0.40	0.28	0.12	0.20	0.01	-0.02	-0.10	0.02	0.02	0.09	-0.06

RUN	POINT	Harmonics															
49	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1165.90	-1440.97	-6.43	228.32	-9.83	-49.32	-20.62	-179.89	17.48	30.94	14.35	0.15	-2.71	1.80	-25.79	2.09
MRPC1CB33P25_SIN		0.00	17.25	-145.29	123.29	32.76	-20.44	25.53	-7.30	-54.86	-17.12	-26.73	22.01	12.69	4.65	33.66	-30.20
MRPC1FB33P25_COS		2274.49	194.05	-353.29	272.71	33.38	-55.98	-8.58	-398.07	-11.16	54.79	46.99	16.30	8.48	19.35	-65.78	9.13
MRPC1FB33P25_SIN		0.00	121.42	-138.78	394.42	-170.61	54.03	28.21	-27.14	-110.83	-55.85	-23.35	44.99	19.75	16.04	78.39	-81.68
MRPC1TOR25P5_COS		-750.92	-36.81	-35.57	-297.53	68.25	1.61	-11.96	31.04	-8.45	-9.69	4.58	0.58	-4.15	-2.14	-16.61	-5.05
MRPC1TOR25P5_SIN		0.00	146.66	36.24	-90.86	-64.35	27.26	-2.95	-51.77	-8.09	12.50	2.93	8.97	3.24	3.25	-3.76	1.03
MRPLK1LOAD_COS		-83.58	2.21	-2.07	-37.71	8.86	1.01	-1.43	5.80	-0.99	-1.88	0.32	0.23	-0.72	-0.48	-2.89	-0.83
MRPLK1LOAD_SIN		0.00	-9.05	7.34	-13.69	-8.96	3.65	-0.71	-6.71	-0.85	1.58	0.60	1.05	0.21	0.37	-1.97	1.03
PITCHRH_COS		10081.88	-8398.71	-424.00	-22.62	-48.31	-744.89	-186.76	5.60	25.44	-32.32	153.48	-67.17	-27.05	-4.76	30.55	-241.31
PITCHRH_SIN		0.00	2477.39	-783.44	15.04	-10.34	-931.52	83.59	103.16	-1.50	58.91	-12.27	10.08	-30.39	39.58	14.56	335.92
ROLLRH_COS		3338.05	-2063.42	750.60	-97.56	-39.73	1223.84	-98.03	-71.99	110.12	8.15	330.52	-13.88	-44.03	13.85	-97.48	-736.22
ROLLRH_SIN		0.00	-7978.86	-615.22	-59.45	153.93	157.80	-139.96	74.10	-54.60	-2.29	-10.09	-30.02	-49.68	-58.42	-8.82	-366.53
TORQ_COS		31579.23	424.09	8.20	10.19	-55.08	67.42	1.35	27.36	-6.56	0.33	34.03	1.09	1.49	-2.81	-2.42	-6.47
TORQ_SIN		0.00	693.62	-9.72	-9.07	-158.81	113.45	-2.31	30.44	2.61	-1.25	6.33	5.52	-5.79	5.06	-8.62	-11.51
THRUST_COS		5697.44	-70.20	5.67	10.19	5.64	32.68	3.13	23.05	-2.10	-6.25	-9.64	2.07	1.92	0.36	2.50	18.19
THRUST_SIN		0.00	-52.64	0.45	16.54	41.93	-15.54	5.43	3.95	0.08	0.61	19.30	-3.25	3.87	1.22	-8.64	49.62

RUN	POINT	Harmonics															
49	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.08	28.12	-18.04	-2.04	-13.28	-117.93	6.73	1.46	-0.59	-0.82	-13.54	0.31	1.44	-0.34	2.70	20.76
SIDERH_SIN		0.00	162.00	17.06	-2.47	-59.98	41.42	7.86	-1.92	3.12	0.56	3.17	1.96	1.91	2.02	0.16	10.52
DRAGRH_COS		-182.55	218.68	14.77	1.30	-2.62	117.31	9.21	-6.61	-1.54	1.66	2.33	4.92	2.23	-0.04	-2.43	11.28
DRAGRH_SIN		0.00	-60.93	18.33	-1.46	-5.57	-104.71	-20.66	0.93	3.77	-6.48	6.99	-2.06	-0.43	-1.84	-2.40	-14.66

RUN	POINT	Harmonics															
49	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.25	0.00	0.00	0.00	0.04	0.00	-0.02	0.01	0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.79	0.00	0.00	0.00	-0.02	0.01	-0.09	0.01	0.01	0.00	0.01	0.00	-0.02
ACT1DISP_COS		2.65	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.07	0.96	1.03	-11.71	-2.43	0.06	-0.11	1.01	-0.09	0.15	0.30	0.16	0.41	-0.09	0.08	0.02
ACT1FORCE_SIN		0.00	13.91	3.46	-3.67	-2.10	0.23	-0.30	-0.56	0.48	-2.04	0.26	0.09	0.03	0.39	-0.14	-0.52
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.07	0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.01	-13.51	-11.51	-148.74	21.32	-0.89	2.19	-0.07	0.13	0.02	0.00	0.02	0.04	-0.01	-0.01	0.13
FA1IBVOLTAGE_SIN		0.00	-87.70	-19.63	225.08	13.74	-4.70	5.43	-0.45	0.12	-0.24	0.00	0.11	0.07	0.03	0.02	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.97	13.59	11.44	148.45	-21.21	0.90	-2.89	0.10	-0.11	0.00	0.00	0.00	0.01	0.00	0.01	-0.11
FA1OBVOLTAGE_SIN		0.00	87.85	19.79	-226.09	-13.93	4.60	-5.30	0.59	-0.13	0.30	0.01	-0.10	-0.07	-0.03	0.00	0.09
MRBLD1CB42P75_COS		-4176.10	-1286.67	37.91	188.25	28.83	-75.09	-51.58	-242.45	39.66	22.81	38.40	-12.31	-6.66	-9.23	-22.64	-4.84
MRBLD1CB42P75_SIN		0.00	189.65	-144.15	180.37	127.91	-42.91	31.17	-9.29	-55.56	-20.73	-45.48	29.84	23.35	8.03	28.44	-28.46

RUN	POINT	Harmonics															
49	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2751.31	-802.08	322.64	74.99	94.73	-42.08	-43.84	-167.18	23.83	14.38	32.85	-5.17	-1.01	-6.75	-18.71	-9.65
MRBLD1CB70_SIN		0.00	163.40	-130.34	195.26	272.32	-23.79	24.02	19.07	-31.97	-12.92	-45.36	13.39	15.73	4.13	22.47	-29.82
MRBLD1CB120_COS		-524.08	-334.75	446.58	110.13	105.75	24.48	22.68	-64.29	-35.41	-1.62	11.12	14.98	6.40	7.22	-3.27	1.25
MRBLD1CB120_SIN		0.00	177.74	-180.86	94.69	220.46	3.07	-0.82	46.41	-2.60	-8.35	38.49	-5.18	-1.30	-1.03	-0.92	-9.41
MRBLD1CB164_COS		-1963.95	-105.90	144.75	-27.71	13.73	21.45	31.71	54.72	-38.15	-3.81	-5.42	11.83	8.59	8.25	13.13	0.44
MRBLD1CB164_SIN		0.00	88.09	-56.19	55.96	68.48	19.78	-11.62	14.69	6.35	-14.54	45.38	2.61	0.24	1.01	-14.29	24.58
MRBLD1FB42P75_COS		3124.34	169.94	-454.73	470.54	-86.75	-59.00	-47.81	-502.02	-100.05	-30.54	87.61	53.45	30.65	17.59	24.74	-71.57
MRBLD1FB42P75_SIN		0.00	-87.12	-53.00	375.36	-159.45	69.13	10.80	223.30	-112.22	-123.21	-58.07	33.80	23.37	8.91	76.31	-33.61
MRBLD1FB70_COS		406.70	6.32	-210.84	112.04	-31.72	-13.65	2.21	-78.54	-2.60	3.12	2.28	-1.29	-2.29	-3.00	-4.89	15.36
MRBLD1FB70_SIN		0.00	-214.57	4.77	123.90	-61.79	4.53	7.83	47.62	-8.57	-0.56	3.89	3.29	1.16	0.09	-16.98	5.90
MRBLD1FB87_COS		-81.07	34.88	-172.44	10.56	-44.76	-21.14	-1.43	46.36	14.44	9.09	-13.98	-8.08	-5.30	-3.73	-7.05	11.12
MRBLD1FB87_SIN		0.00	-211.54	43.36	109.10	-25.60	2.11	-0.48	-19.94	10.49	17.41	12.94	-7.91	-4.38	-0.93	-14.19	8.07
MRBLD1FB120_COS		-481.56	31.19	-253.55	-53.23	-29.37	7.27	-1.36	113.44	5.41	-10.03	-5.33	0.46	3.53	5.15	9.29	-17.00
MRBLD1FB120_SIN		0.00	-249.21	93.42	189.80	18.65	4.23	-13.86	-68.12	16.41	2.44	-8.95	0.45	-1.02	-2.51	20.27	-13.39
MRBLD1FB164_COS		-176.72	58.12	-399.35	197.68	116.83	53.41	23.16	-157.39	-15.68	10.70	-0.90	-3.57	-0.20	1.61	-3.38	7.83
MRBLD1FB164_SIN		0.00	-304.15	34.68	126.66	170.16	-30.29	-3.23	83.48	-30.62	-1.64	16.03	-6.96	-5.70	2.46	-7.58	8.69

RUN	POINT	Harmonics															
49	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.79	-1.05	-247.16	164.07	110.72	29.43	-8.76	-142.69	4.06	6.44	-39.08	-9.17	9.47	10.68	10.47	-20.70
MRBLD1FB180_SIN		0.00	-198.90	4.86	8.04	122.16	-18.70	-2.00	85.26	-21.92	6.22	28.37	-9.25	-11.66	-13.10	20.29	-14.55
MRBLD1TOR51_COS		-1407.58	62.18	-38.81	278.81	-17.08	-24.81	-13.60	-65.33	7.41	-4.74	-5.78	0.65	5.08	4.46	0.14	1.24
MRBLD1TOR51_SIN		0.00	-78.60	-62.60	-5.29	89.57	-15.85	0.18	43.24	4.89	-16.36	-6.17	-5.32	-1.15	1.72	6.01	-8.78
MRBLD1TOR71_COS		-262.45	77.02	-45.82	248.48	-10.98	-14.98	-7.80	-36.52	5.58	-7.15	-9.00	0.83	4.86	4.35	-0.79	0.97
MRBLD1TOR71_SIN		0.00	-82.30	-58.72	-32.19	78.95	-13.69	2.70	43.98	13.02	-8.62	-3.26	-6.32	-1.61	1.01	2.50	-4.55
MRBLD1TOR130_COS		-31.11	65.35	-24.29	227.49	4.12	-11.94	-5.01	-37.98	4.76	-1.69	3.90	-0.68	0.13	-0.20	-5.08	-3.56
MRBLD1TOR130_SIN		0.00	-65.16	-60.44	-58.56	85.25	-6.88	4.98	34.92	5.78	-4.45	6.00	6.14	3.36	0.35	-2.20	3.92
MRBLD1TOR164_COS		-217.95	30.24	44.01	135.97	2.10	-18.56	-7.87	-7.97	3.95	-0.10	-1.08	0.00	0.45	2.54	-5.20	-5.23
MRBLD1TOR164_SIN		0.00	-23.69	-41.77	-74.78	29.49	0.61	7.30	22.66	5.15	2.54	2.61	3.97	3.08	-0.67	0.92	-0.89
MRFBM1CB26P5_COS		-4729.20	-523.29	-29.26	95.26	-13.90	-11.42	-2.48	-23.68	2.22	1.85	1.59	-0.18	-0.37	0.44	-2.75	0.70
MRFBM1CB26P5_SIN		0.00	29.90	-38.11	1.85	-20.07	-12.86	0.06	-7.63	-9.62	-4.58	2.63	2.62	1.24	1.11	2.72	-2.78
MRFBM1FB9_COS		298.38	-141.26	175.86	-61.98	6.47	11.89	3.30	28.31	-1.93	-3.20	-4.05	0.65	0.72	0.55	2.04	-1.41
MRFBM1FB9_SIN		0.00	-101.58	79.25	-145.89	12.22	-1.49	-0.44	10.22	6.32	3.08	-1.14	-1.62	-1.33	-0.46	-0.85	2.30
MRFBM1TOR26P5_COS		-352.85	77.59	-0.83	1.49	-0.40	-0.14	-0.19	-0.22	0.14	-0.02	-0.05	0.04	0.03	0.01	0.23	0.06
MRFBM1TOR26P5_SIN		0.00	-94.39	-0.16	-0.33	1.64	-0.37	0.24	0.12	0.22	-0.05	-0.10	-0.01	-0.03	0.08	0.03	-0.03

RUN	POINT	Harmonics															
49	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1191.77	-1174.29	-52.83	250.57	-9.85	-63.44	-28.51	-218.31	21.08	17.47	33.60	-4.46	-2.15	-3.61	-20.14	-4.11
MRPC1CB33P25_SIN		0.00	179.82	-117.76	112.17	29.05	-27.54	20.25	-9.92	-61.29	-30.76	-21.15	27.59	19.16	7.60	27.56	-29.53
MRPC1FB33P25_COS		2293.14	112.58	-373.67	305.92	-35.24	-68.44	-41.49	-475.15	-23.25	41.67	97.89	14.83	4.55	2.48	-55.43	-11.93
MRPC1FB33P25_SIN		0.00	83.96	-115.34	401.02	-145.13	43.18	-14.10	-28.97	-130.45	-106.47	6.94	57.69	36.78	20.11	68.36	-83.95
MRPC1TOR25P5_COS		-748.63	-51.24	10.41	-300.86	22.93	15.66	5.15	48.33	-8.15	7.03	12.71	-0.66	-6.42	-5.56	-15.65	-8.24
MRPC1TOR25P5_SIN		0.00	138.90	23.06	37.70	-92.38	22.23	2.54	-52.19	-12.10	15.60	5.51	10.99	5.35	-1.05	-1.21	1.79
MRPLK1LOAD_COS		-83.71	2.13	3.11	-38.01	3.00	2.77	1.21	8.45	-1.01	0.76	1.49	-0.36	-1.00	-0.75	-2.93	-1.31
MRPLK1LOAD_SIN		0.00	-9.44	6.18	2.99	-12.67	3.20	0.01	-6.76	-1.24	2.16	1.08	0.98	0.51	-0.41	-1.22	0.76
PITCHRH_COS		12199.69	-8396.13	-500.01	-19.25	-23.23	-1119.93	-80.22	-4.21	17.20	-15.00	300.62	-60.76	-23.25	7.59	15.28	-247.10
PITCHRH_SIN		0.00	2445.57	-801.10	57.92	-10.75	-620.07	84.22	33.23	-20.14	24.92	-127.97	13.51	-12.41	78.73	11.24	325.62
ROLLRH_COS		3502.05	-2052.32	713.18	-85.25	-27.52	900.73	-125.97	-38.61	95.05	38.07	401.83	-21.58	-44.61	66.74	-51.53	-773.13
ROLLRH_SIN		0.00	-8014.32	-615.01	-44.18	114.07	-250.22	-197.43	58.54	-7.90	-31.53	-42.08	-45.76	-3.08	-59.99	-14.09	-236.58
TORQ_COS		31052.26	422.40	7.43	-7.13	-92.44	97.33	-1.76	24.31	-20.96	3.15	17.88	0.88	0.87	-2.70	-2.76	-11.12
TORQ_SIN		0.00	723.58	-5.37	0.85	-103.55	118.88	-0.75	31.87	-1.10	-5.98	-12.61	6.08	-6.46	7.34	-8.89	-8.65
THRUST_COS		5745.48	-69.15	-0.06	15.34	12.82	40.50	2.27	16.37	-2.45	-4.68	-45.79	0.85	2.98	0.46	3.05	24.52
THRUST_SIN		0.00	-57.19	-0.30	18.69	33.42	-19.28	6.65	8.29	1.04	1.34	8.92	-2.77	1.80	0.37	-6.89	42.99

RUN	POINT	Harmonics															
49	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.86	28.98	-18.04	-3.23	-15.81	-74.02	9.07	-0.35	-0.88	-1.76	-13.31	0.93	1.70	-2.10	1.09	21.96
SIDERH_SIN		0.00	167.41	16.58	-1.24	-49.71	64.26	11.99	-1.80	1.02	2.10	2.68	3.03	0.22	2.18	0.26	7.16
DRAGRH_COS		-168.47	219.69	16.58	0.82	-6.68	74.70	0.01	-2.79	-1.80	-0.12	-3.09	5.52	1.39	-1.40	-1.88	11.56
DRAGRH_SIN		0.00	-61.02	17.74	-2.18	-3.35	-109.62	-26.55	1.24	5.43	-3.88	6.79	-2.66	-0.12	-3.27	-2.02	-14.45

RUN	POINT	Harmonics															
49	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.69	0.00	0.00	0.00	0.04	0.00	-0.09	0.02	0.00	0.01	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	1.31	0.00	0.00	0.00	-0.03	0.02	0.01	0.00	0.02	0.01	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.27	1.08	1.83	-13.54	-4.24	0.27	0.12	1.26	-0.06	-2.22	0.46	0.12	0.11	0.50	-0.05	-0.50
ACT1FORCE_SIN		0.00	13.83	2.95	1.55	-2.39	-0.28	-0.43	-0.31	0.74	-0.34	-0.02	0.53	0.17	0.54	0.09	0.37
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.72	-14.73	-13.14	-4.48	33.38	-4.93	2.43	-0.01	0.17	-0.19	0.00	0.08	-0.03	-0.01	-0.06	0.00
FA1IBVOLTAGE_SIN		0.00	-84.56	-16.97	274.90	13.06	2.09	5.86	-0.45	0.14	0.00	-0.09	0.09	-0.02	0.13	0.03	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.02	0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.27	14.81	13.15	3.70	-33.47	4.83	-2.66	0.18	-0.19	0.21	0.05	-0.07	-0.04	0.01	0.03	0.00
FA1OBVOLTAGE_SIN		0.00	84.70	17.17	-275.59	-13.27	-2.21	-5.19	0.58	-0.13	-0.02	0.08	-0.08	0.00	-0.11	-0.03	-0.01
MRBLD1CB42P75_COS		-4224.59	-1288.28	8.19	261.70	-7.83	-103.17	-43.54	-257.61	51.39	19.16	54.07	-49.42	-11.78	-8.97	-17.95	-4.80
MRBLD1CB42P75_SIN		0.00	127.33	-116.42	189.98	112.17	-47.42	43.73	37.20	-77.41	-2.66	-74.25	31.07	22.52	12.79	30.68	-25.36

RUN	POINT	Harmonics															
49	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2732.81	-804.18	295.45	137.42	59.59	-79.75	-59.71	-182.61	33.76	15.68	43.88	-29.13	-5.34	-3.96	-11.27	-9.56
MRBLD1CB70_SIN		0.00	114.60	-123.98	218.16	235.54	-34.19	29.80	54.16	-41.49	5.45	-80.85	15.74	14.50	8.42	23.91	-23.17
MRBLD1CB120_COS		-507.64	-331.91	430.62	156.22	66.56	-6.71	-18.05	-60.18	-36.66	-9.88	4.24	33.03	9.94	8.89	-0.61	0.11
MRBLD1CB120_SIN		0.00	139.60	-189.02	96.88	185.12	-14.06	-11.97	58.86	13.27	1.66	49.60	-4.00	-1.91	-0.93	0.68	-6.09
MRBLD1CB164_COS		-1957.21	-104.31	145.26	4.47	-12.30	13.29	16.06	61.66	-39.39	-12.97	-15.79	27.50	13.17	10.31	9.51	2.75
MRBLD1CB164_SIN		0.00	74.45	-62.73	77.76	53.96	10.72	-22.50	2.59	16.90	-13.80	70.64	4.38	1.71	-1.26	-15.09	17.73
MRBLD1FB42P75_COS		3157.24	173.66	-446.88	647.01	-191.39	-74.69	-54.82	-448.59	-101.59	-43.41	97.53	40.34	31.31	24.21	35.95	-64.06
MRBLD1FB42P75_SIN		0.00	-69.78	-14.62	351.47	-144.24	41.87	13.22	301.93	-124.06	-72.89	-57.86	41.90	17.99	11.98	72.59	-23.70
MRBLD1FB70_COS		408.19	10.23	-206.51	175.75	-67.52	-19.18	2.28	-70.20	-4.02	2.23	0.81	-1.98	-3.32	-4.17	-7.42	13.03
MRBLD1FB70_SIN		0.00	-217.16	20.17	123.41	-59.37	-2.59	7.78	63.61	-10.58	3.33	3.00	3.79	1.96	-0.30	-14.71	4.74
MRBLD1FB87_COS		-85.18	36.39	-166.70	48.99	-64.20	-22.98	-0.19	42.50	13.96	11.24	-15.91	-3.80	-5.22	-5.47	-9.44	10.03
MRBLD1FB87_SIN		0.00	-213.85	53.37	117.93	-24.12	-0.96	-3.56	-26.55	12.97	7.65	15.15	-10.47	-3.04	-1.59	-14.28	5.30
MRBLD1FB120_COS		-492.50	30.18	-245.03	-5.29	-37.81	12.21	0.26	99.57	6.70	-8.73	-5.05	-1.33	3.78	6.39	12.70	-15.76
MRBLD1FB120_SIN		0.00	-243.65	103.94	215.46	23.46	5.42	-16.97	-90.62	17.26	-1.48	-9.67	0.80	-2.31	-2.19	20.17	-8.53
MRBLD1FB164_COS		-181.08	61.67	-408.74	167.28	181.61	67.08	11.07	-138.35	-18.11	10.51	2.63	0.78	-1.03	1.49	-3.88	7.21
MRBLD1FB164_SIN		0.00	-298.52	90.14	81.54	162.37	-18.56	5.64	111.24	-30.17	-1.34	18.07	-4.63	-5.41	0.56	-8.39	4.90

RUN	POINT	Harmonics															
49	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.79	-1.40	-254.58	113.49	156.41	33.95	-19.11	-127.29	1.15	10.06	-38.62	2.98	11.57	14.26	16.97	-16.22
MRBLD1FB180_SIN		0.00	-198.50	42.43	-39.70	110.87	-12.34	0.95	106.45	-23.37	-8.03	30.75	-14.17	-11.22	-13.05	17.57	-8.23
MRBLD1TOR51_COS		-1403.62	64.40	-66.14	240.05	24.94	-33.71	-15.28	-65.24	16.88	-8.81	-7.62	2.48	5.69	8.48	-0.92	-2.01
MRBLD1TOR51_SIN		0.00	-75.43	-39.79	-104.23	84.34	-15.00	9.45	56.39	2.52	-0.04	-7.59	-2.94	-0.10	2.64	8.90	-5.70
MRBLD1TOR71_COS		-259.83	79.61	-70.58	204.80	31.88	-22.06	-9.43	-36.56	13.48	-8.82	-10.96	2.43	5.58	7.38	-0.12	-1.18
MRBLD1TOR71_SIN		0.00	-78.68	-38.25	-125.72	74.83	-11.36	11.44	52.11	11.71	4.02	-3.27	-3.76	-0.61	1.71	4.43	-2.07
MRBLD1TOR130_COS		-29.30	67.89	-49.21	172.56	47.16	-16.67	-6.56	-37.71	9.94	-3.08	3.58	-3.77	-0.22	-1.06	-1.18	-1.30
MRBLD1TOR130_SIN		0.00	-60.82	-40.45	-149.71	79.64	-3.60	12.07	43.63	4.23	3.91	6.18	6.96	3.83	0.10	-3.09	4.30
MRBLD1TOR164_COS		-217.57	31.89	27.31	92.92	19.28	-22.44	-8.01	-8.35	4.80	4.53	-2.00	-0.02	1.54	1.00	-1.00	-2.17
MRBLD1TOR164_SIN		0.00	-21.77	-34.92	-134.53	21.56	-0.31	8.81	25.15	4.93	1.15	3.10	3.96	3.61	-1.19	-1.27	-0.93
MRFBM1CB26P5_COS		-4762.80	-519.03	-37.44	102.90	-15.69	-11.20	3.75	-23.23	3.38	0.10	2.36	-0.93	0.44	0.26	-2.74	0.34
MRFBM1CB26P5_SIN		0.00	5.86	-24.76	-10.52	-11.70	-11.14	2.10	-4.48	-12.75	-3.69	6.27	2.79	1.34	1.23	3.51	-2.92
MRFBM1FB9_COS		329.30	-144.22	181.71	-107.46	18.20	12.06	2.04	29.82	-2.46	-1.62	-4.80	1.46	0.77	0.65	1.90	-1.14
MRFBM1FB9_SIN		0.00	-91.60	52.40	-157.80	15.05	1.49	0.23	4.57	6.61	2.03	-0.69	-1.13	-1.31	-0.71	-1.20	2.07
MRFBM1TOR26P5_COS		-352.74	77.62	-1.02	1.16	0.42	-0.23	-0.16	-0.23	0.19	-0.17	-0.08	0.20	0.01	0.04	0.08	0.01
MRFBM1TOR26P5_SIN		0.00	-94.27	-0.06	-0.92	1.58	-0.33	0.35	0.16	0.23	0.09	-0.17	-0.03	-0.04	0.07	0.07	-0.04

RUN	POINT	Harmonics															
49	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1229.95	-1178.54	-76.66	309.94	-41.88	-78.08	-17.32	-223.12	27.61	9.59	44.10	-27.70	-3.62	-3.13	-16.08	-4.98
MRPC1CB33P25_SIN		0.00	123.39	-86.83	100.12	29.93	-30.22	26.54	28.89	-78.49	-14.91	-32.70	29.33	18.07	11.43	30.61	-25.55
MRPC1FB33P25_COS		2321.15	114.39	-371.05	457.17	-127.22	-73.75	-48.70	-465.85	-19.20	7.15	106.37	-1.29	8.21	4.35	-43.42	-15.97
MRPC1FB33P25_SIN		0.00	100.59	-85.52	415.40	-158.49	14.97	-15.39	53.39	-140.83	-76.73	11.03	55.04	33.26	27.42	74.27	-70.80
MRPC1TOR25P5_COS		-749.78	-54.61	39.62	-253.36	-27.47	24.71	8.06	47.84	-17.86	12.06	16.82	-8.56	-6.65	-10.80	-7.23	-3.05
MRPC1TOR25P5_SIN		0.00	138.58	-2.65	149.05	-91.73	20.08	-7.97	-62.38	-11.12	-1.50	7.19	9.73	3.28	-1.06	-5.53	0.73
MRPLK1LOAD_COS		-84.27	1.82	6.66	-32.17	-3.42	4.07	1.67	8.34	-2.36	1.98	2.07	-1.90	-0.97	-1.55	-1.12	-0.46
MRPLK1LOAD_SIN		0.00	-10.00	3.06	17.31	-12.40	2.86	-1.40	-8.36	-0.96	-0.57	1.65	0.92	0.36	-0.32	-1.87	0.72
PITCHRH_COS		12315.79	-8391.61	-593.48	-39.08	16.74	-1531.46	6.98	-72.66	18.70	42.12	91.34	-86.28	-16.42	30.90	4.70	-160.25
PITCHRH_SIN		0.00	2436.63	-774.61	76.81	-35.45	-157.49	88.79	0.34	-9.01	-6.02	-295.09	16.09	-7.54	72.87	7.34	274.13
ROLLRH_COS		3303.20	-2066.02	680.74	-106.67	-23.62	612.58	-125.90	33.81	104.82	86.40	256.66	-43.25	-17.58	72.39	-26.95	-612.75
ROLLRH_SIN		0.00	-8027.48	-654.87	1.05	53.01	-977.07	-231.66	49.36	-21.66	-0.64	-84.48	-81.99	-20.48	-38.54	-48.09	-223.71
TORQ_COS		30317.38	416.16	12.45	-12.01	-46.31	135.16	-4.67	25.73	-26.44	0.16	14.67	0.98	2.74	-2.90	-3.29	-6.06
TORQ_SIN		0.00	735.65	-9.78	11.02	-96.43	100.67	0.73	32.42	17.80	-6.11	-26.74	3.89	-0.31	6.92	-12.30	-5.14
THRUST_COS		5838.52	-63.94	-6.19	21.38	6.52	50.57	0.56	15.99	-1.02	-4.75	-34.39	1.96	1.79	-0.19	0.41	17.94
THRUST_SIN		0.00	-59.83	5.07	16.50	30.51	-18.00	9.46	11.95	-0.95	0.29	17.73	-4.00	3.25	-0.34	-5.81	38.78

RUN	POINT	Harmonics															
49	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.07	27.91	-16.53	-5.13	-13.30	-6.42	9.98	-1.48	-1.74	-4.56	-9.24	2.62	0.63	-2.19	0.33	17.41
SIDERH_SIN		0.00	165.09	16.92	1.29	-38.80	103.87	15.48	-1.76	1.02	0.76	1.00	5.05	0.81	1.28	1.24	6.07
DRAGRH_COS		-163.06	219.70	15.89	-0.05	-10.40	-2.81	-10.33	-2.44	-0.52	-5.07	1.06	7.32	-0.54	-1.94	-1.61	6.52
DRAGRH_SIN		0.00	-61.20	17.23	-3.05	-2.86	-120.82	-33.64	-0.18	4.69	-1.44	13.81	-6.05	-0.87	-2.60	-1.08	-11.67

RUN	POINT	Harmonics															
49	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.07	0.00	0.00	0.00	0.03	-0.01	0.01	0.02	0.00	0.01	0.02	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	0.00	-0.03	0.03	0.09	-0.01	0.01	0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.37	1.10	2.35	-12.50	-5.65	0.39	0.36	1.53	-0.18	-0.39	0.29	0.20	0.24	0.37	-0.33	0.52
ACT1FORCE_SIN		0.00	13.57	1.52	6.99	-1.22	-1.22	-0.60	-0.43	0.80	2.00	-0.08	-0.08	0.31	0.12	0.35	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.10	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.88	-15.14	-16.03	144.78	40.60	-4.79	1.15	-0.04	0.19	0.00	0.04	-0.11	-0.05	-0.01	-0.15	0.15
FA1IBVOLTAGE_SIN		0.00	-79.58	-8.84	246.04	4.40	11.88	5.34	-0.55	0.16	0.35	-0.02	0.01	0.07	0.08	0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.12	15.24	16.12	-145.85	-40.87	4.62	-0.63	0.28	-0.18	-0.03	-0.01	0.09	0.03	0.04	0.12	-0.15
FA1OBVOLTAGE_SIN		0.00	79.70	9.04	-246.21	-4.54	-11.94	-4.85	0.50	-0.10	-0.35	-0.01	0.00	-0.02	-0.07	0.00	-0.01
MRBLD1CB42P75_COS		-4242.53	-1009.61	-38.80	315.03	-47.16	-133.97	-27.94	-278.01	43.68	35.58	46.10	-80.07	-16.54	-4.41	-16.00	3.73
MRBLD1CB42P75_SIN		0.00	220.03	-47.31	156.67	90.64	-35.94	42.42	54.83	-107.88	3.55	-41.17	58.43	20.36	14.39	22.84	-29.03

RUN	POINT	Harmonics															
49	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2712.88	-631.21	250.89	191.64	5.88	-98.33	-69.26	-203.98	29.57	29.35	31.62	-48.06	-10.58	0.35	-12.85	1.04
MRBLD1CB70_SIN		0.00	185.70	-96.65	208.66	192.92	-6.31	35.28	75.10	-64.90	7.98	-74.38	36.50	14.37	10.41	14.72	-25.18
MRBLD1CB120_COS		-515.05	-276.09	397.29	187.63	-4.80	-6.82	-62.85	-77.94	-30.92	3.11	4.00	50.03	7.51	5.25	-3.64	3.45
MRBLD1CB120_SIN		0.00	186.84	-189.69	84.06	156.07	19.88	-5.31	57.60	12.61	13.07	34.20	-17.10	-3.22	-3.22	0.27	-6.87
MRBLD1CB164_COS		-1960.34	-92.47	139.42	40.16	-53.97	18.24	-6.43	60.49	-36.79	-8.88	-9.66	41.98	14.59	5.99	8.55	-5.99
MRBLD1CB164_SIN		0.00	88.79	-69.46	80.25	50.71	21.06	-22.61	-5.45	23.09	-1.75	70.56	-8.83	-0.15	-5.41	-12.82	14.10
MRBLD1FB42P75_COS		3174.85	94.80	-439.55	746.83	-319.56	-116.64	-75.25	-485.14	-113.92	28.37	126.74	37.62	24.32	20.49	27.85	-58.06
MRBLD1FB42P75_SIN		0.00	-70.44	46.74	236.26	-48.26	57.29	9.45	310.00	-143.18	-56.97	-4.77	64.59	29.37	14.46	67.81	-47.12
MRBLD1FB70_COS		412.75	9.84	-204.16	216.44	-110.14	-30.27	-1.21	-76.51	-7.13	6.20	0.82	-2.45	-2.24	-3.56	-5.47	12.38
MRBLD1FB70_SIN		0.00	-216.19	46.70	86.14	-33.80	1.34	6.03	66.80	-13.69	2.64	3.57	2.72	-0.22	-1.68	-14.41	9.54
MRBLD1FB87_COS		-83.03	36.37	-161.52	77.07	-84.03	-25.89	1.03	47.44	16.60	-1.88	-21.54	-2.98	-3.96	-5.47	-7.75	8.44
MRBLD1FB87_SIN		0.00	-218.42	69.55	100.41	-12.38	-2.54	-7.02	-28.23	16.14	4.23	3.61	-16.14	-5.31	-1.89	-12.73	10.13
MRBLD1FB120_COS		-494.64	37.32	-235.14	40.52	-34.34	16.37	1.62	107.16	9.24	-14.29	-4.41	-0.20	3.99	7.07	10.86	-13.89
MRBLD1FB120_SIN		0.00	-258.55	120.11	204.06	34.80	-0.87	-18.67	-94.87	22.25	-1.23	-6.81	2.82	-0.17	-0.81	18.17	-15.88
MRBLD1FB164_COS		-179.13	71.86	-404.90	110.66	249.86	87.72	12.95	-153.60	-19.66	9.85	0.06	3.08	-1.71	-1.42	-2.54	5.42
MRBLD1FB164_SIN		0.00	-324.81	157.06	41.85	124.18	-23.17	19.18	114.14	-34.29	0.41	11.68	-5.03	-3.41	0.03	-6.72	8.21

RUN	POINT	Harmonics															
49	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.68	7.36	-245.15	42.72	195.25	51.81	-18.34	-141.45	2.01	-4.10	-50.78	4.10	13.12	11.50	9.11	-18.17
MRBLD1FB180_SIN		0.00	-219.98	91.26	-62.28	71.68	-17.21	5.16	102.44	-27.41	-8.54	11.53	-22.11	-5.21	-8.35	16.52	-19.04
MRBLD1TOR51_COS		-1402.70	70.43	-86.42	149.29	57.37	-47.99	-6.34	-78.04	14.18	8.09	-8.06	2.23	4.27	6.22	-2.88	4.04
MRBLD1TOR51_SIN		0.00	-70.11	1.95	-174.41	62.42	-3.14	8.35	64.17	-7.82	4.08	-7.06	-3.50	1.44	0.64	6.91	-9.23
MRBLD1TOR71_COS		-257.72	82.52	-88.28	114.82	67.36	-32.99	-1.22	-46.45	11.49	3.87	-10.31	3.36	4.52	5.54	-1.36	2.94
MRBLD1TOR71_SIN		0.00	-74.73	-1.87	-188.23	53.06	-0.54	11.37	58.73	3.83	5.27	-5.21	-4.43	0.13	0.06	3.50	-5.22
MRBLD1TOR130_COS		-27.53	73.16	-66.18	76.16	83.71	-22.84	-1.04	-45.85	8.28	5.31	2.11	-5.12	-0.36	-1.54	-1.12	-3.21
MRBLD1TOR130_SIN		0.00	-57.13	-6.69	-203.37	53.32	5.44	13.39	48.39	-2.49	6.51	9.40	8.21	3.12	0.67	-2.99	3.88
MRBLD1TOR164_COS		-216.71	36.29	15.69	23.65	29.24	-27.86	-5.68	-9.53	4.31	2.75	-2.41	-0.02	1.92	1.30	-0.30	-4.99
MRBLD1TOR164_SIN		0.00	-15.31	-20.50	-164.74	3.79	3.72	6.92	27.60	3.98	-3.98	2.12	4.64	3.08	0.90	-0.66	-0.89
MRFBM1CB26P5_COS		-4773.14	-390.54	-52.80	99.76	-7.28	-15.99	10.03	-23.32	2.45	1.79	3.94	-2.12	-0.21	-0.81	-2.42	0.72
MRFBM1CB26P5_SIN		0.00	50.78	3.99	-25.24	-6.47	-14.42	-0.20	-4.80	-14.67	-1.09	14.30	3.14	1.16	0.90	4.12	-3.35
MRFBM1FB9_COS		335.79	-241.27	195.04	-143.64	36.18	15.11	1.37	31.64	-2.97	-2.64	-3.38	2.78	1.07	0.62	1.74	-1.83
MRFBM1FB9_SIN		0.00	-73.23	6.12	-139.58	12.01	1.68	3.43	5.36	7.72	-0.17	-2.18	-1.33	-1.31	-0.75	-0.93	1.81
MRFBM1TOR26P5_COS		-352.84	76.55	-1.13	0.55	1.09	-0.27	0.09	-0.38	0.18	0.00	-0.13	0.21	0.05	0.07	0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-94.91	0.06	-1.35	1.14	-0.23	0.30	0.27	0.14	0.21	-0.23	-0.15	-0.02	0.04	0.04	-0.03

RUN	POINT	Harmonics															
49	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1239.84	-927.43	-113.05	342.89	-68.11	-105.71	-5.73	-238.76	20.99	27.66	41.66	-47.49	-9.03	-1.74	-16.02	3.61
MRPC1CB33P25_SIN		0.00	195.40	-10.85	55.74	33.10	-27.37	20.37	37.62	-99.92	-3.43	0.40	47.36	16.81	12.40	25.01	-29.62
MRPC1FB33P25_COS		2336.18	41.08	-371.28	563.98	-256.34	-110.98	-65.35	-497.52	-20.35	51.27	96.93	-18.47	-5.66	1.13	-44.13	7.95
MRPC1FB33P25_SIN		0.00	96.20	-39.76	341.53	-108.81	14.61	-23.48	45.87	-161.83	-29.23	66.05	70.43	35.60	27.08	64.58	-78.42
MRPC1TOR25P5_COS		-754.46	-70.81	63.29	-151.30	-71.08	39.06	-2.19	60.22	-15.56	-5.87	17.75	-11.60	-7.52	-8.40	-4.52	-8.33
MRPC1TOR25P5_SIN		0.00	134.01	-52.31	225.58	-71.02	8.21	-7.70	-69.90	-1.72	-5.54	10.47	15.40	-0.72	1.58	-4.33	2.23
MRPLK1LOAD_COS		-84.33	1.32	9.00	-19.01	-8.84	5.93	0.35	10.12	-1.86	-0.84	2.33	-2.28	-1.16	-1.30	-0.79	-1.42
MRPLK1LOAD_SIN		0.00	-10.20	-2.72	27.31	-9.53	1.11	-1.19	-9.58	0.50	-1.56	2.01	2.01	-0.26	0.17	-1.39	0.75
PITCHRH_COS		13961.43	-8382.08	-630.63	-40.64	28.96	-1645.39	77.03	-141.09	21.07	74.22	-4.57	-85.72	-12.39	8.10	7.27	-175.71
PITCHRH_SIN		0.00	2444.43	-709.64	99.67	-69.25	580.96	-0.99	57.64	24.30	-16.63	-176.93	-1.70	7.80	28.37	7.51	238.38
ROLLRH_COS		3020.90	-2046.47	688.32	-94.82	-65.51	-268.52	-80.16	25.47	58.10	56.26	134.29	-56.68	-33.79	0.22	-64.45	-627.64
ROLLRH_SIN		0.00	-8035.61	-604.01	51.27	7.94	-1383.09	-121.74	19.68	1.43	41.78	91.36	-50.16	-43.27	-21.67	-67.60	-227.05
TORQ_COS		30099.81	442.49	15.49	-8.28	-45.55	173.86	-5.56	23.37	-13.33	-0.39	1.70	3.67	7.86	-0.99	-6.66	4.05
TORQ_SIN		0.00	734.18	-14.73	27.61	-73.23	87.90	7.59	24.70	25.29	-5.00	-52.02	2.30	-2.55	7.17	-11.44	-10.65
THRUST_COS		5857.28	-64.70	-7.61	29.99	8.21	63.73	-0.54	16.84	-1.29	-5.02	-29.31	2.42	3.16	0.50	-0.07	12.15
THRUST_SIN		0.00	-56.80	9.93	11.07	28.23	-30.40	5.90	8.23	-5.25	-1.85	-9.74	-5.17	3.35	-2.09	-3.93	33.01

RUN	POINT	Harmonics															
49	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.67	23.66	-17.22	-8.39	-9.67	88.59	8.92	-0.79	-0.19	-3.62	-7.17	3.77	0.95	0.04	1.44	18.37
SIDERH_SIN		0.00	166.71	15.97	4.00	-29.54	84.90	3.52	-1.05	-0.56	-0.89	-3.93	2.86	1.80	0.83	2.02	6.63
DRAGRH_COS		-151.12	218.65	15.35	-3.21	-13.75	-81.08	-26.35	-3.83	-0.76	-6.21	4.52	4.27	-0.74	-0.60	-1.32	7.95
DRAGRH_SIN		0.00	-61.23	16.99	-4.95	-0.47	-65.15	-25.18	-1.21	3.85	-2.59	14.73	-6.26	-1.16	-0.30	-0.39	-9.81

RUN	POINT	Harmonics															
49	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.07	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.00	0.01	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.50	1.24	-1.87	5.96	-0.93	-1.58	-0.11	0.68	-0.16	-0.17	-0.26	0.08	0.15	0.38	0.01	-0.42
ACT1FORCE_SIN		0.00	13.41	1.32	-1.65	2.22	-0.08	-0.76	0.82	0.36	-1.65	-0.14	0.03	0.48	0.32	0.05	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.63	-11.87	9.14	-103.09	6.55	13.44	2.03	0.33	-0.01	-0.03	-0.07	-0.10	-0.06	-0.01	-0.04	-0.04
FA1IBVOLTAGE_SIN		0.00	-77.75	-11.72	-281.43	-10.22	2.46	4.86	-0.13	0.07	-0.08	-0.06	0.01	0.13	0.06	-0.03	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.29	12.03	-9.06	104.23	-6.44	-13.52	-1.71	-0.39	-0.11	0.01	0.03	0.08	0.05	0.02	0.05	0.05
FA1OBVOLTAGE_SIN		0.00	77.89	11.66	281.87	10.64	-2.27	-4.13	0.21	-0.07	0.08	0.08	-0.03	-0.08	-0.10	0.00	0.07
MRBLD1CB42P75_COS		-4086.99	-1691.66	93.07	178.01	-73.44	-25.92	-39.21	-71.14	29.84	35.60	27.04	33.99	-0.34	-19.30	-43.29	-7.87
MRBLD1CB42P75_SIN		0.00	-246.67	-30.03	-29.34	204.11	-6.00	16.68	-47.76	-16.07	-26.46	-94.01	32.75	-4.42	-3.53	7.08	-20.12

RUN	POINT	Harmonics															
49	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2742.36	-1057.51	329.37	101.13	-73.53	-25.06	-30.45	-52.49	24.26	35.75	6.48	21.71	3.49	-10.01	-26.08	-4.15
MRBLD1CB70_SIN		0.00	-155.59	-33.50	-1.03	346.59	23.46	106.57	-11.85	-8.41	-20.87	-47.41	15.57	-3.93	0.06	7.66	-15.83
MRBLD1CB120_COS		-553.50	-437.94	439.02	97.42	-24.11	-5.25	-19.84	-18.06	-33.71	-18.73	6.25	-8.79	4.53	10.29	2.68	2.88
MRBLD1CB120_SIN		0.00	35.84	-110.75	-39.66	342.97	38.41	151.88	11.28	10.26	-15.12	48.47	-10.78	9.52	6.86	-3.13	-9.18
MRBLD1CB164_COS		-1968.51	-131.36	132.68	23.68	-32.58	-7.43	6.94	19.71	-34.24	-23.09	13.10	-7.26	0.90	4.96	12.64	-2.28
MRBLD1CB164_SIN		0.00	63.34	-37.04	-37.90	160.56	20.94	60.63	13.88	-1.05	-20.47	31.84	-4.20	11.78	2.19	-0.52	14.24
MRBLD1FB42P75_COS		3132.74	284.18	-357.09	323.68	55.38	-48.20	-92.03	-236.06	-88.89	-79.16	7.98	64.84	22.85	-3.55	-46.59	-62.67
MRBLD1FB42P75_SIN		0.00	54.62	-47.28	-10.73	285.36	102.23	52.97	-59.17	-13.44	-90.33	-144.79	-1.43	-3.68	10.81	72.36	-24.16
MRBLD1FB70_COS		421.19	-1.62	-171.69	87.36	2.51	-9.92	-11.35	-30.18	0.87	0.58	-0.12	0.14	-1.90	-1.21	10.29	15.03
MRBLD1FB70_SIN		0.00	-192.72	-1.49	-23.64	85.19	10.92	13.71	-4.98	3.63	0.67	1.11	3.98	5.35	-0.23	-14.46	5.63
MRBLD1FB87_COS		-71.41	24.87	-152.99	19.09	-20.20	-21.63	-8.25	21.05	13.65	16.67	2.13	-14.00	-1.22	1.92	5.28	7.78
MRBLD1FB87_SIN		0.00	-185.82	25.75	13.49	45.08	3.69	-2.91	2.60	-2.16	13.40	31.70	-0.67	3.03	1.58	-14.07	2.99
MRBLD1FB120_COS		-470.37	21.64	-244.76	-17.48	-4.74	-13.57	14.60	41.75	-0.23	-1.92	-6.38	3.43	1.66	-1.47	-9.74	-11.02
MRBLD1FB120_SIN		0.00	-239.40	64.60	58.64	31.04	3.63	-21.55	4.99	-6.93	-0.57	-10.47	-3.24	-8.82	-4.31	18.85	-4.99
MRBLD1FB164_COS		-159.08	46.13	-271.26	25.28	43.54	48.68	0.67	-68.16	-2.51	7.59	4.66	-5.89	-1.08	3.06	9.77	6.62
MRBLD1FB164_SIN		0.00	-287.56	30.16	269.46	-88.28	-20.02	12.99	-6.10	1.44	0.99	20.63	-2.85	2.35	2.59	-9.37	2.28

RUN	POINT	Harmonics															
49	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.59	-10.24	-135.91	10.50	28.81	41.39	-19.15	-67.98	16.60	26.89	-5.13	-25.89	13.31	12.16	-13.99	-16.84
MRBLD1FB180_SIN		0.00	-199.27	28.85	210.05	-56.62	-11.94	28.19	13.17	-9.05	-13.99	52.75	3.33	-3.98	-7.44	25.42	-3.26
MRBLD1TOR51_COS		-1402.48	63.08	46.63	3.94	-75.81	0.89	12.78	-4.48	6.18	-0.95	-6.82	-2.31	5.34	3.63	-10.01	-4.06
MRBLD1TOR51_SIN		0.00	-83.56	16.89	222.38	-36.45	0.08	-1.46	14.13	14.24	-15.19	-0.58	-5.45	3.84	3.58	3.04	-7.40
MRBLD1TOR71_COS		-254.07	82.35	31.46	-7.46	-63.90	7.94	19.28	3.56	6.66	-2.32	-8.27	-4.04	4.53	5.54	-5.34	-3.66
MRBLD1TOR71_SIN		0.00	-80.46	10.90	200.76	-51.88	-1.27	-0.13	21.84	17.58	-7.36	5.81	-4.64	2.31	3.25	2.74	-3.66
MRBLD1TOR130_COS		-24.52	69.44	50.48	-15.68	-52.29	7.40	16.96	-1.10	4.06	-1.06	4.76	1.59	0.33	-0.69	1.03	-0.81
MRBLD1TOR130_SIN		0.00	-67.68	6.16	197.94	-50.21	-0.61	2.82	13.16	11.84	-4.71	0.39	8.38	2.55	0.30	-1.16	3.91
MRBLD1TOR164_COS		-217.88	37.22	79.21	-17.59	-42.17	-5.11	0.49	-0.18	7.25	3.47	0.49	0.01	1.27	1.27	0.68	1.22
MRBLD1TOR164_SIN		0.00	-28.69	5.45	110.31	-15.92	1.13	8.01	9.54	2.71	1.87	5.58	5.69	0.98	-1.38	-2.60	-0.30
MRFBM1CB26P5_COS		-4745.19	-714.01	-2.90	64.42	5.25	0.99	-3.41	-7.40	-0.68	-1.45	6.66	2.75	0.26	-0.55	-5.72	-0.92
MRFBM1CB26P5_SIN		0.00	-192.19	4.25	-16.93	-32.15	-10.56	-24.53	-10.31	-4.11	-3.96	-11.18	2.58	0.42	-0.10	-0.90	-4.02
MRFBM1FB9_COS		300.18	49.42	108.41	-67.53	13.52	12.90	11.83	6.51	0.57	-2.14	-4.70	-0.99	-0.40	0.65	2.12	-0.99
MRFBM1FB9_SIN		0.00	-2.05	45.47	-31.48	-40.77	-4.56	3.96	10.86	3.23	3.32	2.59	-2.20	-0.67	0.40	1.15	1.95
MRFBM1TOR26P5_COS		-353.70	82.18	-0.30	0.03	-1.59	0.23	0.09	0.04	0.19	0.09	-0.09	-0.06	0.04	0.00	0.04	0.00
MRFBM1TOR26P5_SIN		0.00	-102.11	0.41	1.45	-0.93	-0.41	0.18	0.07	0.28	-0.10	0.13	-0.17	0.09	0.07	0.04	-0.03

RUN	POINT	Harmonics															
49	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1111.94	-1545.47	14.68	194.40	-41.84	-21.50	-39.47	-67.63	8.31	13.61	29.08	27.61	2.27	-12.35	-40.78	-7.08
MRPC1CB33P25_SIN		0.00	-177.23	-18.83	-40.16	107.98	-9.67	-7.93	-53.98	-19.67	-33.89	-76.13	25.31	-1.17	-0.05	5.45	-23.58
MRPC1FB33P25_COS		2296.15	209.37	-309.65	267.49	-23.28	-73.18	-88.94	-161.05	-57.74	-8.25	87.54	47.29	19.68	-11.78	-91.11	-14.04
MRPC1FB33P25_SIN		0.00	216.68	-101.31	44.35	260.38	69.37	10.69	-142.60	-53.77	-106.90	-100.69	39.37	12.72	5.36	3.02	-69.41
MRPC1TOR25P5_COS		-758.32	-35.53	-98.71	5.64	72.71	-13.36	-21.52	-6.14	-9.54	3.96	12.95	6.71	-6.02	-6.16	-0.26	0.63
MRPC1TOR25P5_SIN		0.00	145.30	-59.82	-220.73	63.27	5.00	4.58	-23.49	-20.91	13.37	-5.86	13.85	-4.86	-2.94	-4.64	2.65
MRPLK1LOAD_COS		-84.84	1.61	-8.86	1.24	10.09	-1.12	-2.73	0.55	-1.11	0.28	1.91	0.65	-0.84	-0.78	0.38	-0.10
MRPLK1LOAD_SIN		0.00	-11.17	-4.36	-30.26	6.92	1.17	-0.15	-2.48	-2.82	1.98	-0.48	2.02	-1.14	-0.66	-1.15	0.82
PITCHRH_COS		8919.95	-8548.77	-321.13	-15.64	-111.79	607.39	-163.97	-32.67	95.88	-92.57	137.26	-54.53	1.30	49.59	-31.69	-433.27
PITCHRH_SIN		0.00	2473.63	-604.51	68.56	-79.62	570.80	-18.74	71.19	25.51	-113.61	-233.79	67.62	-17.98	26.46	-45.44	64.98
ROLLRH_COS		1573.85	-2129.05	775.93	2.61	-274.13	-1551.19	-187.45	-97.17	143.63	123.59	389.85	-47.25	-41.23	-14.19	-43.40	-329.72
ROLLRH_SIN		0.00	-8119.32	-535.02	-8.22	178.78	1595.87	-138.79	-56.75	23.24	-42.93	-157.38	-39.83	11.87	-45.81	4.55	-471.58
TORQ_COS		31258.27	387.18	-7.04	26.16	-15.59	-20.18	1.56	9.28	-21.74	-2.81	-1.24	-0.37	7.66	-3.55	-4.60	18.74
TORQ_SIN		0.00	661.48	-23.88	23.12	-91.66	55.58	3.50	26.70	-1.86	-6.94	31.99	5.07	-7.08	7.70	-10.03	-16.94
THRUST_COS		5743.55	-63.17	16.96	6.72	8.15	3.50	5.14	18.90	0.46	-4.36	-26.69	-0.52	4.65	-0.60	4.14	1.51
THRUST_SIN		0.00	-50.59	12.13	0.46	30.44	-39.81	6.73	9.58	0.73	4.72	52.14	-3.23	0.54	0.75	-9.33	37.08

RUN	POINT	Harmonics															
49	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.71	35.34	-20.17	0.54	0.50	10.53	12.89	0.93	-3.13	-5.99	-14.59	2.12	1.83	0.29	1.17	10.52
SIDERH_SIN		0.00	165.28	13.34	3.32	-74.92	-217.43	11.03	1.34	-0.82	1.82	6.58	2.56	-1.02	1.74	-0.12	13.26
DRAGRH_COS		-197.57	222.78	10.74	-1.71	-5.68	135.59	-8.07	-1.22	-2.78	4.39	-3.50	4.81	-3.76	-1.55	1.36	20.47
DRAGRH_SIN		0.00	-60.92	18.63	1.97	16.37	149.75	-7.27	-2.21	-0.07	7.70	4.91	-4.95	1.19	-0.76	1.15	-3.67

RUN	POINT	Harmonics															
49	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.05	0.01	-0.02	-0.02	0.01	0.00	0.02	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.92	1.29	-1.76	6.06	-0.96	-1.51	0.05	0.84	-0.18	-0.26	-0.29	0.11	0.17	0.41	-0.05	-0.45
ACT1FORCE_SIN		0.00	13.40	1.33	-1.62	2.35	-0.27	-0.78	0.88	0.42	-1.68	-0.25	0.02	0.53	0.40	0.06	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		356.17	-12.06	8.04	-101.44	6.85	12.84	0.80	0.39	-0.02	-0.01	-0.08	-0.09	-0.01	-0.02	-0.05	-0.04
FA1IBVOLTAGE_SIN		0.00	-77.66	-12.15	-281.31	-10.84	3.68	4.56	-0.21	0.09	-0.07	-0.02	0.00	0.10	0.05	0.00	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		449.76	12.22	-7.95	102.59	-6.72	-12.93	-0.49	-0.45	-0.11	0.02	0.04	0.05	-0.02	0.00	0.06	0.05
FA1OBVOLTAGE_SIN		0.00	77.81	12.09	281.75	11.26	-3.50	-3.82	0.29	-0.09	0.08	0.07	-0.02	-0.07	-0.05	-0.03	0.05
MRBLD1CB42P75_COS		-4046.19	-1613.82	85.85	181.02	-78.45	-31.27	-41.26	-88.39	41.95	39.02	19.50	51.56	7.11	-13.40	-36.06	-6.44
MRBLD1CB42P75_SIN		0.00	-244.07	-36.04	-18.68	211.96	8.56	15.00	-70.92	-15.07	-23.89	-121.07	38.03	2.83	0.71	16.91	-17.66

RUN	POINT	Harmonics															
49	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.75	-1008.62	322.21	102.42	-76.20	-30.93	-33.69	-60.91	31.62	39.34	-4.88	33.34	8.58	-8.01	-22.68	-5.31
MRBLD1CB70_SIN		0.00	-150.45	-40.23	7.94	357.34	55.25	108.13	-29.99	-11.93	-19.07	-66.84	17.64	0.44	0.08	12.84	-15.64
MRBLD1CB120_COS		-559.64	-422.47	429.54	90.78	-33.34	-13.61	-29.03	-18.68	-40.31	-19.78	13.66	-16.78	1.99	8.51	-0.11	0.64
MRBLD1CB120_SIN		0.00	42.32	-114.87	-27.29	359.79	71.72	154.88	2.06	-0.20	-19.30	62.57	-13.57	7.01	5.81	-3.58	-9.82
MRBLD1CB164_COS		-1971.16	-126.28	130.20	21.93	-34.39	-10.02	3.47	24.66	-40.81	-24.10	24.41	-13.23	-0.23	5.01	12.10	-0.70
MRBLD1CB164_SIN		0.00	63.96	-38.64	-30.93	168.78	34.10	63.47	18.68	-7.66	-24.79	48.91	-5.51	8.94	1.89	-2.98	15.04
MRBLD1FB42P75_COS		3110.43	265.23	-361.99	326.99	25.74	-57.37	-102.67	-286.78	-92.88	-81.54	18.08	82.58	35.00	7.92	-27.12	-61.55
MRBLD1FB42P75_SIN		0.00	58.81	-41.90	17.46	323.33	95.32	44.65	-92.12	-26.97	-99.71	-164.54	-5.63	-3.38	11.86	78.04	-18.77
MRBLD1FB70_COS		419.22	-4.00	-174.61	88.22	-5.93	-12.14	-14.04	-40.01	0.45	0.24	-1.43	-0.81	-3.14	-2.86	6.44	14.55
MRBLD1FB70_SIN		0.00	-191.18	1.30	-13.41	97.29	11.56	12.50	-10.10	2.16	0.39	0.49	3.64	4.71	-0.59	-16.02	4.48
MRBLD1FB87_COS		-71.42	21.74	-155.14	19.81	-23.15	-22.14	-7.83	25.59	14.38	17.83	2.07	-17.72	-3.33	0.28	2.17	8.48
MRBLD1FB87_SIN		0.00	-185.57	27.52	18.70	50.35	4.40	-2.24	6.24	-0.49	15.11	36.62	0.52	2.78	1.23	-15.08	2.31
MRBLD1FB120_COS		-465.95	21.91	-244.01	-12.23	0.19	-10.66	19.07	55.10	-0.76	-3.49	-7.37	4.62	2.50	-0.84	-6.62	-13.03
MRBLD1FB120_SIN		0.00	-240.71	66.00	59.95	28.19	1.03	-21.71	11.71	-4.69	-0.49	-11.26	-3.48	-7.95	-3.20	21.25	-3.56
MRBLD1FB164_COS		-160.43	43.27	-275.66	27.26	47.71	45.36	-3.61	-87.80	-0.26	11.03	7.14	-7.31	-2.43	2.37	8.18	8.38
MRBLD1FB164_SIN		0.00	-285.06	33.66	268.63	-101.24	-24.34	14.20	-17.90	-2.78	1.34	22.90	-2.25	1.84	2.21	-10.13	2.19

RUN	POINT	Harmonics															
49	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-207.15	-11.19	-137.37	12.08	31.39	40.19	-22.15	-83.87	20.59	32.88	-0.83	-30.04	10.41	9.94	-11.90	-20.37
MRBLD1FB180_SIN		0.00	-197.00	30.18	209.40	-64.39	-14.06	29.11	3.93	-12.97	-11.87	62.85	5.50	-4.36	-7.27	28.77	-1.69
MRBLD1TOR51_COS		-1404.62	62.83	44.68	1.40	-79.01	-0.45	10.39	-12.47	8.18	-0.60	-7.72	-3.02	5.17	3.40	-10.40	-5.11
MRBLD1TOR51_SIN		0.00	-84.13	17.97	224.81	-34.68	1.59	-5.08	7.62	13.21	-14.70	0.09	-5.58	3.44	3.26	3.43	-8.70
MRBLD1TOR71_COS		-254.91	81.03	30.08	-9.85	-65.65	7.14	17.54	-2.32	8.11	-2.35	-9.21	-5.60	4.03	5.21	-6.15	-4.64
MRBLD1TOR71_SIN		0.00	-80.93	12.07	202.06	-51.27	-0.27	-3.02	18.26	17.17	-6.79	7.20	-5.09	1.50	2.84	2.99	-4.90
MRBLD1TOR130_COS		-24.97	68.83	49.65	-17.63	-52.27	6.75	15.45	-6.16	5.14	-1.00	5.83	2.21	1.07	0.25	1.46	-0.63
MRBLD1TOR130_SIN		0.00	-68.25	7.17	198.11	-51.19	0.19	0.67	9.34	10.95	-5.21	-0.34	8.99	2.89	1.04	0.03	4.66
MRBLD1TOR164_COS		-217.68	37.16	79.54	-19.37	-43.25	-5.15	0.37	-1.69	7.50	3.83	0.55	-0.44	1.09	1.03	0.49	0.76
MRBLD1TOR164_SIN		0.00	-29.28	5.99	109.97	-14.55	2.48	7.18	9.41	2.31	1.41	6.01	5.99	1.20	-1.05	-1.14	0.66
MRFBM1CB26P5_COS		-4724.33	-678.87	-4.99	65.32	5.97	0.50	-3.32	-10.16	0.89	-1.51	8.81	3.59	0.47	0.03	-5.50	-1.10
MRFBM1CB26P5_SIN		0.00	-190.48	2.24	-15.34	-33.37	-14.37	-25.89	-12.37	-2.89	-3.95	-11.74	3.29	0.95	0.99	0.47	-3.68
MRFBM1FB9_COS		278.39	35.70	114.44	-67.39	18.76	13.56	12.08	7.52	0.19	-2.38	-5.23	-1.50	-0.52	0.69	2.21	-0.87
MRFBM1FB9_SIN		0.00	11.48	44.49	-38.66	-43.58	-4.40	5.41	14.11	3.91	3.49	3.20	-2.80	-1.10	0.10	0.48	1.83
MRFBM1TOR26P5_COS		-353.83	81.92	-0.33	0.05	-1.57	0.23	0.05	0.01	0.21	0.09	-0.13	-0.04	0.04	-0.01	0.04	0.01
MRFBM1TOR26P5_SIN		0.00	-102.10	0.39	1.42	-0.95	-0.38	0.13	0.01	0.28	-0.09	0.12	-0.21	0.07	0.04	-0.02	-0.02

RUN	POINT	Harmonics															
49	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1077.13	-1475.54	7.58	196.91	-48.16	-25.76	-41.56	-83.75	17.61	15.76	28.45	39.91	7.80	-7.52	-35.41	-6.95
MRPC1CB33P25_SIN		0.00	-177.04	-22.52	-30.09	113.81	-7.03	-10.86	-73.28	-19.90	-33.85	-92.21	29.26	4.11	4.25	14.47	-21.33
MRPC1FB33P25_COS		2276.65	192.01	-314.54	265.12	-55.91	-78.81	-94.46	-186.62	-54.33	-5.04	105.28	62.91	27.09	-5.13	-83.99	-18.28
MRPC1FB33P25_SIN		0.00	218.48	-97.66	67.81	284.97	62.00	0.65	-188.62	-65.91	-114.76	-110.72	47.93	22.07	14.65	24.05	-64.86
MRPC1TOR25P5_COS		-757.80	-36.41	-96.71	7.92	75.45	-12.20	-19.43	1.83	-11.21	3.80	14.55	9.51	-4.96	-4.67	0.82	0.87
MRPC1TOR25P5_SIN		0.00	144.21	-62.57	-222.97	61.75	3.92	8.17	-18.20	-20.12	13.22	-8.80	15.14	-3.08	-0.88	-0.91	4.93
MRPLK1LOAD_COS		-84.93	1.65	-8.66	1.49	10.39	-0.95	-2.31	1.74	-1.31	0.23	2.26	0.77	-0.76	-0.61	0.41	-0.14
MRPLK1LOAD_SIN		0.00	-11.03	-4.54	-30.54	6.66	1.04	0.40	-1.58	-2.65	1.93	-0.73	2.30	-0.93	-0.32	-0.51	1.12
PITCHRH_COS		9144.58	-8509.74	-314.52	-16.14	-141.91	549.76	-92.10	-49.64	170.09	-96.16	160.05	-73.18	26.64	46.35	-34.41	-430.60
PITCHRH_SIN		0.00	2473.94	-620.32	75.56	-88.76	612.90	-69.36	123.42	-15.67	-132.39	-243.39	85.17	-20.16	50.51	-41.34	124.33
ROLLRH_COS		1345.12	-2126.47	753.54	41.99	-350.80	-1697.88	-147.71	-120.74	158.67	132.85	413.33	-56.26	-37.50	1.50	-53.87	-393.40
ROLLRH_SIN		0.00	-8077.91	-534.04	-15.93	162.82	1526.52	-183.66	-64.00	67.18	-55.60	-162.30	-42.98	3.13	-3.51	11.44	-408.53
TORQ_COS		31715.59	395.41	-8.58	27.94	-42.91	-13.23	2.78	18.34	-31.58	-2.13	-5.93	-2.15	7.29	-3.76	-3.57	13.90
TORQ_SIN		0.00	668.40	-23.71	21.23	-93.34	47.25	5.27	30.36	-10.86	-8.26	34.28	5.58	-3.57	4.76	-10.61	-14.26
THRUST_COS		5673.91	-63.36	17.90	5.21	14.96	3.99	4.61	24.68	-1.59	-4.59	-31.93	-0.39	2.54	-1.45	3.40	4.02
THRUST_SIN		0.00	-49.64	10.66	-2.21	31.85	-41.83	6.06	9.75	2.00	6.05	56.86	-4.40	1.17	-1.18	-9.91	35.93

RUN	POINT	Harmonics															
49	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-175.81	32.99	-19.83	1.05	6.31	19.19	12.57	1.11	-4.55	-6.15	-15.40	2.57	1.79	-0.29	1.54	12.46
SIDERH_SIN		0.00	161.84	13.61	6.52	-81.85	-223.38	9.11	1.91	-1.37	2.78	6.79	2.90	-0.53	0.50	-0.25	11.42
DRAGRH_COS		-195.77	221.50	10.29	-3.12	-10.62	140.10	-14.89	-0.81	-2.61	4.31	-3.62	5.19	-5.06	-1.67	1.71	19.84
DRAGRH_SIN		0.00	-60.84	18.60	2.96	15.90	167.70	-7.72	0.91	2.70	9.40	3.17	-6.49	-0.07	-0.76	1.05	-6.35

RUN	POINT	Harmonics															
49	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.08	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.00	0.01	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.97	0.00	0.00	0.00	0.02	0.00	-0.08	-0.01	0.01	0.02	0.02	0.00	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.22	1.26	-2.17	7.08	-0.23	-1.83	0.04	0.58	-0.09	-0.51	-0.12	0.00	0.21	0.34	0.15	-0.45
ACT1FORCE_SIN		0.00	13.14	1.46	-3.59	3.06	0.13	-0.54	1.00	0.15	-1.90	-0.20	0.07	0.54	0.34	-0.05	0.27
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.14	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.28	-10.51	10.55	-131.06	0.65	13.95	1.70	0.31	-0.15	0.02	0.03	-0.11	-0.04	-0.08	-0.02	-0.16
FA1IBVOLTAGE_SIN		0.00	-72.76	-12.39	-338.59	-14.08	0.97	3.17	-0.11	0.03	-0.07	-0.04	0.00	0.13	0.08	-0.01	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.03	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.74	10.70	-10.43	132.52	-0.49	-14.06	-1.19	-0.36	-0.04	-0.08	-0.08	0.07	-0.02	0.08	0.01	0.16
FA1OBVOLTAGE_SIN		0.00	72.91	12.30	339.19	14.61	-0.70	-1.91	0.24	-0.02	0.09	0.05	-0.02	-0.05	-0.09	-0.04	0.00
MRBLD1CB42P75_COS		-4002.33	-1878.65	119.23	133.06	-98.54	-16.19	-42.01	-61.69	44.47	31.68	33.20	58.73	2.44	-22.08	-52.34	-2.27
MRBLD1CB42P75_SIN		0.00	-201.17	-29.23	-64.85	210.20	-9.44	17.45	-74.03	-14.08	-24.12	-126.10	34.00	0.67	0.16	1.93	-12.74

RUN	POINT	Harmonics															
49	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2783.68	-1174.22	354.90	67.12	-126.26	-27.32	-26.14	-47.21	36.23	35.34	0.68	35.91	6.26	-11.79	-34.42	-0.21
MRBLD1CB70_SIN		0.00	-129.91	-25.21	-41.63	361.09	19.23	132.80	-31.65	-12.38	-18.68	-61.32	13.80	-2.94	0.36	1.30	-10.86
MRBLD1CB120_COS		-558.29	-478.86	460.74	60.17	-70.53	-14.42	-24.70	-10.26	-34.55	-17.26	7.04	-18.01	3.73	10.75	4.10	2.35
MRBLD1CB120_SIN		0.00	58.52	-101.13	-68.31	371.56	33.88	193.31	-1.30	7.60	-18.79	61.91	-11.28	8.60	7.13	-6.03	-8.71
MRBLD1CB164_COS		-1981.19	-138.39	138.53	8.41	-45.61	-17.65	4.82	20.70	-39.36	-21.04	23.24	-15.47	0.28	4.61	17.95	-4.03
MRBLD1CB164_SIN		0.00	72.15	-32.03	-63.44	182.07	20.10	81.76	16.96	-1.69	-25.57	41.80	-0.82	12.98	2.67	4.66	12.18
MRBLD1FB42P75_COS		3135.83	331.52	-355.98	195.83	104.89	-25.21	-110.84	-235.81	-74.57	-94.01	10.25	88.35	31.01	-5.33	-77.15	-46.38
MRBLD1FB42P75_SIN		0.00	56.19	-59.09	-50.18	359.08	105.99	53.79	-134.89	-14.53	-98.36	-199.41	-12.33	1.18	18.76	76.44	-21.45
MRBLD1FB70_COS		430.44	-4.79	-172.93	43.98	15.65	-5.04	-15.34	-30.50	3.47	0.09	-0.64	0.88	-1.99	-0.86	16.78	11.97
MRBLD1FB70_SIN		0.00	-188.31	-8.50	-42.89	109.03	11.36	14.84	-17.89	2.91	0.61	-0.57	4.03	5.51	-1.45	-15.24	5.33
MRBLD1FB87_COS		-65.44	21.09	-158.31	-2.60	-11.34	-21.39	-7.74	21.60	12.84	20.51	2.35	-19.42	-1.99	2.83	12.26	5.20
MRBLD1FB87_SIN		0.00	-182.23	19.79	-0.33	58.08	6.26	-0.81	10.36	-1.24	16.07	45.05	2.04	2.09	0.23	-15.52	2.51
MRBLD1FB120_COS		-461.46	15.95	-252.94	-33.00	2.84	-21.21	20.14	40.66	-4.16	-2.59	-7.10	5.07	1.02	-3.13	-20.36	-7.05
MRBLD1FB120_SIN		0.00	-244.06	54.42	34.73	31.20	6.82	-21.33	22.66	-7.11	-1.33	-12.56	-3.65	-7.77	-2.23	21.33	-3.41
MRBLD1FB164_COS		-135.58	39.28	-261.00	7.52	11.49	46.99	-4.24	-66.09	5.12	9.74	4.87	-9.00	-1.13	3.70	16.15	5.76
MRBLD1FB164_SIN		0.00	-288.98	4.14	312.55	-130.68	-28.22	13.07	-28.99	-1.03	3.95	27.25	-1.27	1.44	1.55	-10.78	2.32

RUN	POINT	Harmonics															
49	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-190.64	-13.91	-123.56	6.52	4.95	43.89	-21.57	-63.45	23.39	32.59	-3.56	-35.51	11.09	8.42	-29.07	-13.37
MRBLD1FB180_SIN		0.00	-199.76	15.60	257.14	-82.95	-18.08	31.26	-2.78	-8.62	-11.41	77.89	9.65	-8.43	-7.03	28.53	-0.87
MRBLD1TOR51_COS		-1403.28	64.66	67.78	-25.68	-101.04	13.32	15.14	-4.11	9.00	-2.34	-9.10	-4.27	5.76	2.36	-13.14	-5.36
MRBLD1TOR51_SIN		0.00	-81.98	21.02	286.58	-52.47	3.08	-13.09	7.30	13.22	-14.81	1.84	-5.70	3.34	2.55	-0.62	-5.67
MRBLD1TOR71_COS		-253.20	85.27	50.01	-30.67	-87.31	18.67	22.53	2.47	8.55	-3.51	-10.91	-6.97	4.86	4.91	-6.86	-4.65
MRBLD1TOR71_SIN		0.00	-79.39	14.07	264.13	-69.37	1.47	-11.35	18.03	16.53	-6.92	9.36	-5.46	1.02	2.56	0.56	-2.58
MRBLD1TOR130_COS		-22.74	70.98	69.60	-30.88	-76.48	16.36	19.59	-1.46	6.51	-2.35	7.15	3.13	0.42	-0.17	3.09	0.18
MRBLD1TOR130_SIN		0.00	-67.13	8.68	265.93	-69.02	0.49	-5.51	7.97	11.68	-5.18	-2.06	9.03	3.00	1.22	0.44	3.62
MRBLD1TOR164_COS		-219.96	39.34	91.58	-22.36	-55.89	0.37	2.34	-0.96	8.29	3.81	0.08	-0.39	0.59	0.94	0.11	2.68
MRBLD1TOR164_SIN		0.00	-27.70	10.62	157.36	-19.40	2.63	5.10	8.06	2.83	2.32	6.46	5.68	0.93	-0.63	-2.40	-0.33
MRFBM1CB26P5_COS		-4693.14	-830.28	5.66	57.63	11.43	5.48	-6.12	-6.48	-0.46	-2.32	10.72	4.03	0.10	-1.18	-6.66	-0.93
MRFBM1CB26P5_SIN		0.00	-205.95	5.31	-14.94	-40.71	-11.67	-32.04	-13.05	-2.22	-4.89	-15.60	3.20	1.04	0.49	-1.86	-3.36
MRFBM1FB9_COS		340.79	119.64	99.72	-40.14	13.07	11.79	14.67	4.00	-0.02	-1.96	-6.23	-1.74	-0.25	1.03	2.50	-0.78
MRFBM1FB9_SIN		0.00	1.99	54.61	-9.56	-49.90	-5.44	5.17	14.10	2.97	3.84	3.70	-2.91	-1.01	0.54	2.10	1.27
MRFBM1TOR26P5_COS		-347.19	84.54	-0.07	-0.10	-2.03	0.41	0.04	0.06	0.23	0.11	-0.17	-0.09	0.05	0.01	0.00	-0.01
MRFBM1TOR26P5_SIN		0.00	-110.57	0.58	1.85	-1.24	-0.49	0.07	0.09	0.26	-0.09	0.21	-0.14	0.09	0.05	-0.01	-0.04

RUN	POINT	Harmonics															
49	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1047.37	-1686.51	37.08	148.62	-42.78	-11.64	-48.42	-58.41	17.90	9.15	37.64	45.57	3.75	-14.79	-49.62	-2.57
MRPC1CB33P25_SIN		0.00	-108.80	-22.42	-59.97	113.15	-13.51	-13.26	-77.38	-16.80	-34.85	-102.92	26.55	3.54	3.60	-0.59	-16.64
MRPC1FB33P25_COS		2292.46	252.27	-310.98	171.57	-0.57	-57.15	-103.16	-132.10	-45.47	-14.89	120.16	71.45	21.71	-18.80	-112.84	-6.96
MRPC1FB33P25_SIN		0.00	221.99	-109.15	-13.76	333.61	78.39	7.69	-200.59	-48.13	-119.40	-140.13	45.83	22.15	9.47	-19.56	-52.88
MRPC1TOR25P5_COS		-754.92	-28.14	-129.11	37.79	97.27	-27.24	-23.35	-6.99	-10.62	4.71	17.06	12.23	-6.62	-5.30	2.83	3.81
MRPC1TOR25P5_SIN		0.00	129.58	-64.47	-294.80	83.25	1.25	16.51	-19.16	-20.32	12.77	-12.26	13.01	-3.89	-0.14	-1.97	2.44
MRPLK1LOAD_COS		-83.39	1.04	-11.76	5.35	13.48	-2.95	-2.90	0.44	-1.36	0.34	2.54	1.32	-1.02	-0.68	1.10	0.31
MRPLK1LOAD_SIN		0.00	-12.82	-5.03	-39.65	9.54	0.88	1.57	-1.72	-2.72	2.09	-1.35	1.92	-1.10	-0.26	-0.45	0.82
PITCHRH_COS		7740.84	-8511.06	-296.33	-26.54	-143.63	963.16	-122.60	-52.52	189.50	-41.88	196.47	-58.52	-3.67	86.29	-22.81	-500.05
PITCHRH_SIN		0.00	2420.83	-599.77	54.44	-120.46	738.56	-105.00	94.98	63.09	-163.56	-276.16	99.20	-41.16	48.81	-34.75	-2.05
ROLLRH_COS		1588.06	-2101.03	771.02	36.44	-380.29	-2036.55	-158.01	-118.69	123.46	165.90	428.88	-47.76	0.65	-50.85	-36.36	-198.89
ROLLRH_SIN		0.00	-8103.42	-534.02	7.97	121.28	2091.26	-193.47	-61.32	44.30	14.85	-253.98	-27.54	-27.03	4.31	-20.53	-595.37
TORQ_COS		32907.20	377.42	-9.19	43.96	0.56	-38.95	-0.01	12.78	-26.13	-3.81	-8.79	-1.71	7.63	-4.32	-5.69	19.96
TORQ_SIN		0.00	667.26	-19.00	14.41	-85.75	65.37	3.11	25.17	-7.54	-5.52	47.75	6.40	-4.35	5.66	-9.11	-22.82
THRUST_COS		5839.60	-64.46	18.91	4.50	10.07	-15.26	4.11	22.21	-1.90	-6.91	-35.86	0.14	2.84	-0.23	4.54	-4.93
THRUST_SIN		0.00	-58.22	10.38	-4.99	32.49	-44.11	8.67	7.52	0.95	5.60	68.07	-7.22	1.48	-0.12	-6.57	34.30

RUN	POINT	Harmonics															
49	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.27	36.27	-20.44	0.91	14.40	4.93	11.14	1.73	-4.29	-8.00	-15.77	1.98	0.25	1.18	1.07	7.07
SIDERH_SIN		0.00	163.67	12.94	2.78	-70.10	-287.85	14.23	1.30	-1.52	-1.24	9.80	2.87	-0.12	0.46	0.86	16.74
DRAGRH_COS		-212.39	221.56	10.44	-2.45	-3.72	172.63	-8.97	-0.72	-5.53	0.24	-6.88	5.96	-3.75	-2.67	1.38	23.30
DRAGRH_SIN		0.00	-61.40	17.90	1.77	18.69	203.21	-1.74	-3.66	0.25	12.07	2.26	-6.75	1.99	-0.89	0.76	-1.15

RUN	POINT	Harmonics															
49	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.12	0.00	0.00	0.00	0.04	0.02	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-2.46	0.00	0.00	0.00	0.01	0.00	-0.08	0.00	0.01	0.02	0.02	0.00	0.02
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.43	1.20	-3.02	7.95	0.31	-2.18	0.00	0.57	-0.02	-0.67	-0.09	-0.07	0.14	0.21	0.26	-0.34
ACT1FORCE_SIN		0.00	13.01	1.53	-5.43	3.73	0.38	-0.40	0.92	0.09	-2.02	-0.03	-0.02	0.52	0.29	-0.08	0.65
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.17	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.04	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.32	-9.52	15.20	-161.26	-3.17	15.29	3.05	0.14	-0.18	0.11	-0.04	-0.09	-0.16	-0.12	0.07	-0.28
FA1IBVOLTAGE_SIN		0.00	-70.17	-12.50	-384.61	-18.47	-0.38	2.51	-0.10	0.01	-0.06	0.03	-0.02	0.05	0.07	-0.03	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.16	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.04	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.86	9.80	-14.99	163.15	3.34	-15.48	-2.35	-0.22	-0.08	-0.23	-0.04	0.06	0.08	0.15	-0.04	0.28
FA1OBVOLTAGE_SIN		0.00	70.34	12.43	385.42	19.20	0.76	-0.55	0.32	0.02	0.09	-0.05	-0.03	0.05	-0.09	-0.02	-0.02
MRBLD1CB42P75_COS		-3967.67	-1806.21	180.89	107.02	-103.21	-9.61	-43.94	-68.13	58.64	31.98	43.73	60.96	5.78	-24.85	-57.19	-1.46
MRBLD1CB42P75_SIN		0.00	-169.59	-14.10	-103.05	223.85	-13.89	26.17	-81.59	-18.70	-25.19	-119.13	29.40	-5.71	0.22	-5.97	-14.12

RUN	POINT	Harmonics															
49	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2808.51	-1132.43	390.33	55.78	-143.44	-32.37	-23.86	-59.30	46.14	35.40	5.79	38.49	8.50	-14.78	-35.01	-0.31
MRBLD1CB70_SIN		0.00	-115.08	-3.24	-83.53	374.76	22.09	169.79	-37.02	-18.89	-18.82	-60.90	11.50	-6.01	3.25	-2.42	-7.57
MRBLD1CB120_COS		-550.06	-464.68	482.94	47.03	-78.43	-28.86	-32.77	-16.35	-45.11	-22.24	-0.88	-18.95	1.43	10.70	5.33	3.23
MRBLD1CB120_SIN		0.00	66.12	-79.74	-96.71	398.98	45.12	245.17	-4.81	15.81	-16.71	59.58	-10.25	10.75	7.93	-6.82	-6.83
MRBLD1CB164_COS		-1982.12	-133.41	140.13	4.80	-42.94	-29.75	-0.76	21.29	-51.63	-24.64	18.98	-18.11	-0.22	6.06	17.25	-4.65
MRBLD1CB164_SIN		0.00	72.49	-23.58	-89.80	200.77	24.25	103.60	17.55	7.40	-24.91	42.92	1.45	14.45	0.47	6.51	10.41
MRBLD1FB42P75_COS		3121.57	313.30	-318.31	109.30	182.52	-12.10	-110.13	-238.33	-56.52	-92.32	26.14	85.94	32.36	-6.40	-99.22	-41.97
MRBLD1FB42P75_SIN		0.00	54.66	-81.94	-129.70	454.26	115.01	72.52	-145.76	12.84	-87.28	-181.75	-13.12	-0.84	20.63	76.13	-23.53
MRBLD1FB70_COS		429.08	-4.01	-159.87	17.24	37.76	-4.04	-16.88	-32.51	5.34	-0.76	-1.40	0.51	-2.86	-1.42	21.02	10.33
MRBLD1FB70_SIN		0.00	-181.67	-16.98	-75.55	140.11	12.94	19.55	-20.32	4.79	1.14	-1.00	3.67	5.36	-2.00	-14.54	6.07
MRBLD1FB87_COS		-65.07	20.39	-155.71	-14.70	0.56	-22.79	-9.49	21.12	9.72	19.75	-2.34	-19.51	-2.15	2.69	16.53	4.84
MRBLD1FB87_SIN		0.00	-176.11	11.59	-25.02	71.06	5.32	-2.13	9.56	-5.93	13.63	41.20	1.61	2.61	0.13	-15.88	2.22
MRBLD1FB120_COS		-457.05	14.60	-257.05	-41.39	7.21	-25.34	23.04	42.64	-5.48	-1.34	-4.78	5.71	1.31	-3.25	-26.50	-6.19
MRBLD1FB120_SIN		0.00	-242.08	43.65	1.57	27.04	7.14	-26.44	26.27	-9.68	-1.42	-11.27	-2.63	-7.30	-1.56	21.53	-3.47
MRBLD1FB164_COS		-133.68	37.24	-231.53	-5.54	-30.30	50.46	-9.37	-69.56	7.75	8.27	1.61	-9.10	-1.21	3.69	20.59	6.57
MRBLD1FB164_SIN		0.00	-287.68	-19.89	349.18	-178.24	-26.75	18.29	-32.25	0.50	1.73	23.02	-3.84	1.39	1.02	-12.51	0.79

RUN	POINT	Harmonics															
49	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-191.79	-13.84	-99.00	3.45	-25.47	45.47	-23.94	-65.69	21.89	30.48	-11.85	-32.16	15.32	9.28	-36.74	-10.88
MRBLD1FB180_SIN		0.00	-199.08	2.81	301.14	-112.75	-18.74	36.97	-2.80	-8.98	-19.18	69.11	11.80	-7.86	-5.37	30.10	2.24
MRBLD1TOR51_COS		-1403.19	67.65	96.60	-48.42	-125.17	27.60	17.06	-8.50	10.45	-1.37	-9.48	-4.37	6.12	1.88	-14.20	-7.23
MRBLD1TOR51_SIN		0.00	-81.76	24.36	348.57	-64.82	6.61	-20.01	2.92	14.31	-15.78	0.52	-5.06	3.85	2.88	-1.38	-2.22
MRBLD1TOR71_COS		-253.50	87.44	74.45	-49.33	-111.19	31.35	25.26	-1.45	9.50	-2.88	-11.31	-7.08	5.19	4.70	-7.03	-5.31
MRBLD1TOR71_SIN		0.00	-78.92	16.92	326.65	-84.11	4.57	-18.98	14.67	16.82	-7.83	7.39	-5.01	1.33	2.91	-0.28	0.07
MRBLD1TOR130_COS		-22.85	73.12	92.29	-44.24	-101.46	26.52	22.23	-5.11	7.03	-3.41	7.32	3.08	0.25	-0.36	4.17	2.24
MRBLD1TOR130_SIN		0.00	-67.70	11.44	332.91	-86.39	2.25	-11.41	5.00	13.42	-5.11	-1.91	8.38	2.60	1.31	-0.35	2.83
MRBLD1TOR164_COS		-219.37	41.08	102.18	-26.88	-69.64	5.23	4.41	-2.95	8.28	2.78	-0.40	-0.60	0.15	0.88	0.09	5.62
MRBLD1TOR164_SIN		0.00	-28.50	15.58	204.83	-20.49	2.30	3.02	5.97	2.96	2.89	5.33	5.78	0.84	-0.14	-3.81	-2.30
MRFBM1CB26P5_COS		-4667.75	-794.42	33.20	48.28	15.69	10.17	-7.26	-4.97	1.03	-2.10	12.19	3.94	0.51	-0.70	-7.66	-0.14
MRFBM1CB26P5_SIN		0.00	-184.95	10.34	-13.19	-44.93	-13.79	-38.74	-13.58	-0.65	-4.54	-13.21	3.40	0.96	0.15	-3.17	-3.65
MRFBM1FB9_COS		327.95	95.18	66.11	-27.02	9.71	11.13	17.14	3.49	-0.01	-1.82	-6.10	-1.76	-0.47	1.05	2.53	-1.01
MRFBM1FB9_SIN		0.00	-3.60	59.29	18.45	-63.44	-6.99	4.54	14.62	1.66	3.45	2.90	-2.91	-0.98	0.54	2.68	1.17
MRFBM1TOR26P5_COS		-347.32	84.11	-0.03	-0.28	-2.53	0.71	-0.12	0.02	0.21	0.16	-0.20	-0.11	0.05	0.01	-0.02	-0.10
MRFBM1TOR26P5_SIN		0.00	-110.99	0.58	2.29	-1.60	-0.49	-0.04	0.11	0.24	-0.16	0.20	-0.12	0.10	0.04	0.06	-0.02

RUN	POINT	Harmonics															
49	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1025.73	-1618.47	98.93	118.14	-35.97	-2.92	-53.15	-60.21	26.96	8.48	45.66	46.43	6.09	-16.29	-54.50	-1.56
MRPC1CB33P25_SIN		0.00	-82.81	-16.60	-80.81	127.72	-18.88	-12.42	-83.12	-14.84	-34.05	-94.94	23.70	-0.27	3.51	-7.78	-17.09
MRPC1FB33P25_COS		2276.70	237.76	-277.80	115.64	41.52	-49.92	-107.59	-130.62	-43.27	-18.51	121.82	70.00	23.85	-20.33	-125.11	-2.14
MRPC1FB33P25_SIN		0.00	219.97	-123.88	-98.53	430.22	88.32	24.47	-210.01	-20.15	-110.04	-118.20	43.73	21.60	10.12	-40.07	-50.53
MRPC1TOR25P5_COS		-755.44	-31.64	-159.55	62.16	123.82	-43.54	-24.30	-3.38	-11.56	2.78	18.02	12.95	-6.71	-5.71	4.25	9.66
MRPC1TOR25P5_SIN		0.00	128.70	-69.40	-367.50	101.97	-3.64	25.18	-15.08	-21.28	14.90	-10.26	11.24	-4.93	-0.25	-5.89	-1.83
MRPLK1LOAD_COS		-83.17	0.74	-15.56	8.72	16.83	-5.19	-2.93	1.07	-1.46	-0.07	2.67	1.52	-1.08	-0.71	1.56	1.51
MRPLK1LOAD_SIN		0.00	-12.80	-5.42	-48.67	11.76	0.35	2.66	-1.19	-2.83	2.50	-1.16	1.63	-1.24	-0.28	-1.10	0.24
PITCHRH_COS		8199.47	-8514.58	-252.73	2.84	-161.59	1295.43	-44.29	-86.72	178.23	0.38	226.47	-73.58	2.71	49.80	-36.93	-481.16
PITCHRH_SIN		0.00	2436.58	-614.24	51.47	-131.71	944.25	-58.81	97.35	83.39	-164.43	-267.05	103.52	-73.17	48.13	-22.53	-129.88
ROLLRH_COS		1668.06	-2042.38	787.69	61.41	-427.20	-2464.10	-101.04	-131.00	144.94	176.64	413.72	-61.91	40.93	-81.33	-16.40	-5.34
ROLLRH_SIN		0.00	-8066.86	-546.73	-7.12	122.04	2526.01	-105.11	-56.15	-7.46	73.73	-315.89	-14.11	-67.89	36.04	26.80	-717.80
TORQ_COS		33180.64	403.30	-10.19	54.44	12.96	-62.93	-1.00	14.01	-32.11	-6.84	-16.88	-0.65	5.51	-4.63	-4.00	26.02
TORQ_SIN		0.00	691.45	-23.90	10.50	-65.22	80.98	4.16	26.49	-5.56	-5.62	44.16	3.45	-6.18	8.99	-8.99	-17.52
THRUST_COS		5802.23	-64.26	21.81	3.52	8.72	-27.99	2.98	27.92	-0.46	-7.40	-43.88	1.26	0.78	3.65	2.23	-7.53
THRUST_SIN		0.00	-65.07	8.79	-9.26	28.78	-44.88	6.68	8.12	-0.76	6.92	61.64	-8.21	1.06	3.53	-8.75	29.21

RUN	POINT	Harmonics															
49	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-180.13	26.77	-21.28	2.65	19.30	4.40	11.98	2.63	-4.68	-8.29	-15.00	2.35	-0.93	2.19	0.48	1.46
SIDERH_SIN		0.00	158.52	14.54	2.14	-71.30	-351.50	10.37	1.47	0.16	-4.11	11.51	2.79	0.96	-0.55	-0.56	20.29
DRAGRH_COS		-209.37	221.71	10.84	-1.64	-3.06	217.40	-18.67	-2.20	-5.98	-5.39	-8.48	6.78	-3.08	-0.67	1.53	22.68
DRAGRH_SIN		0.00	-60.71	18.83	3.14	22.37	245.88	2.46	-4.38	-2.85	12.07	-3.03	-6.40	3.66	-2.06	0.45	4.51

RUN	POINT	Harmonics															
49	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	-0.04	0.00	0.00	0.00	0.05	0.01	-0.01	-0.01	0.00	0.00	0.02	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.98	0.00	0.00	0.00	0.02	0.02	-0.06	-0.01	0.00	0.01	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.57	1.20	-1.48	4.51	-1.70	-1.43	0.02	0.88	-0.20	0.10	-0.28	0.11	-0.06	0.49	-0.09	-0.21
ACT1FORCE_SIN		0.00	13.72	1.03	0.31	1.60	-0.25	-0.93	0.81	0.43	-1.38	-0.24	-0.04	0.29	0.35	0.07	-0.20
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.77	-12.74	5.17	-79.59	12.83	13.97	0.03	0.45	0.01	-0.03	-0.09	-0.04	-0.08	-0.02	-0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-83.12	-10.27	-209.36	-6.74	3.75	5.78	-0.27	0.08	-0.15	-0.02	-0.03	0.00	0.04	-0.03	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.05	12.89	-5.13	80.37	-12.75	-14.04	0.15	-0.49	-0.10	0.04	0.07	0.03	0.07	0.03	0.03	-0.01
FA1OBVOLTAGE_SIN		0.00	83.29	10.25	209.65	7.04	-3.64	-5.45	0.33	-0.08	0.14	0.04	0.02	0.02	-0.05	0.02	0.06
MRBLD1CB42P75_COS		-4050.91	-1772.98	78.76	188.48	-70.19	-48.12	-41.99	-91.50	40.12	37.66	42.20	12.96	-5.14	-14.14	-29.43	-9.84
MRBLD1CB42P75_SIN		0.00	-83.50	-28.58	-12.99	196.97	-2.15	18.55	-64.18	-25.07	-17.49	-85.81	46.27	3.10	0.55	14.22	-12.53

RUN	POINT	Harmonics															
49	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2765.44	-1107.99	325.46	109.14	-64.16	-33.33	-50.19	-63.51	33.03	36.80	13.97	9.12	-0.27	-6.39	-19.83	-8.02
MRBLD1CB70_SIN		0.00	-39.70	-45.37	19.78	342.08	30.08	99.64	-17.94	-11.46	-13.29	-47.74	24.33	1.19	1.96	8.37	-12.63
MRBLD1CB120_COS		-543.46	-455.60	440.87	104.46	-31.25	1.99	-43.45	-27.90	-34.72	-12.37	-3.51	-0.18	4.35	8.59	0.52	0.05
MRBLD1CB120_SIN		0.00	99.24	-130.49	-28.96	336.31	44.05	134.17	17.26	9.58	-17.26	49.31	-15.60	6.92	5.07	-3.44	-9.81
MRBLD1CB164_COS		-1969.65	-135.49	137.85	22.83	-44.25	2.79	-3.17	19.88	-39.27	-18.04	3.57	1.19	4.18	4.93	9.84	1.95
MRBLD1CB164_SIN		0.00	84.25	-46.06	-23.65	151.63	25.12	51.54	22.04	-0.35	-23.50	37.10	-7.36	8.83	0.89	-1.09	13.44
MRBLD1FB42P75_COS		3144.11	295.80	-372.09	351.69	-43.59	-73.31	-92.58	-303.29	-94.86	-60.64	40.88	59.29	20.41	0.23	-20.41	-58.00
MRBLD1FB42P75_SIN		0.00	26.09	-21.26	22.13	262.19	103.69	29.73	-58.69	-40.21	-102.86	-127.93	20.68	4.74	12.37	60.29	-6.81
MRBLD1FB70_COS		426.70	-3.07	-178.78	94.84	-26.26	-16.20	-11.38	-41.84	1.23	1.80	-0.85	-1.10	-2.12	-0.96	5.16	14.11
MRBLD1FB70_SIN		0.00	-195.44	9.05	-10.96	74.89	11.97	10.18	-4.64	0.34	1.12	1.95	2.85	2.88	-1.36	-13.20	1.02
MRBLD1FB87_COS		-72.05	25.58	-155.74	21.83	-34.30	-23.00	-6.87	27.71	14.85	14.14	-3.80	-11.68	-1.50	0.74	0.72	7.18
MRBLD1FB87_SIN		0.00	-194.94	33.65	23.59	39.14	3.73	-2.19	3.28	1.30	14.94	29.27	-4.59	1.66	0.67	-10.88	1.27
MRBLD1FB120_COS		-475.11	24.77	-243.73	-12.54	-5.76	-5.32	15.08	59.28	-1.03	-5.41	-4.70	3.22	2.40	-0.74	-3.57	-11.00
MRBLD1FB120_SIN		0.00	-252.34	76.53	75.18	31.29	-0.07	-19.71	4.01	-1.12	-1.99	-11.76	-1.88	-7.70	-2.88	15.52	-2.15
MRBLD1FB164_COS		-154.23	52.84	-294.14	30.44	92.25	54.58	1.07	-93.54	-2.83	9.67	2.59	-4.38	-1.18	2.01	4.98	5.04
MRBLD1FB164_SIN		0.00	-310.02	59.49	224.02	-63.58	-29.77	11.41	-11.17	-8.40	2.18	21.56	-3.82	1.96	2.21	-7.23	0.85

RUN	POINT	Harmonics															
49	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-199.80	-6.61	-153.48	10.91	65.30	43.38	-21.13	-91.13	18.67	23.36	-16.24	-16.19	14.36	8.34	-8.68	-16.78
MRBLD1FB180_SIN		0.00	-214.07	43.57	162.93	-43.32	-19.16	23.06	5.55	-18.06	-8.48	53.41	-3.81	-5.08	-7.37	21.43	0.32
MRBLD1TOR51_COS		-1405.20	66.38	25.51	23.57	-56.43	-10.86	10.68	-15.28	8.63	0.34	-9.09	-1.16	4.10	3.22	-7.81	-2.49
MRBLD1TOR51_SIN		0.00	-79.18	16.98	153.85	-17.19	0.67	0.44	9.57	9.73	-13.23	-0.49	-4.85	3.01	2.23	2.41	-7.21
MRBLD1TOR71_COS		-255.62	85.78	12.33	9.58	-43.27	-1.77	17.31	-3.95	8.08	-2.06	-11.01	-2.08	3.75	4.83	-4.85	-2.51
MRBLD1TOR71_SIN		0.00	-79.58	10.82	134.54	-32.76	-0.51	2.65	19.40	14.70	-5.97	4.61	-4.82	1.79	1.85	2.28	-4.07
MRBLD1TOR130_COS		-25.02	72.64	32.18	-2.77	-27.96	-0.10	15.45	-7.54	4.96	-0.25	4.73	0.02	0.25	0.23	-0.16	-2.15
MRBLD1TOR130_SIN		0.00	-66.44	6.23	130.33	-32.78	1.01	5.10	11.50	9.40	-4.27	2.46	8.77	2.80	0.37	0.40	3.80
MRBLD1TOR164_COS		-220.71	38.06	69.18	-10.97	-31.28	-10.91	0.55	-0.95	7.31	2.52	0.28	0.23	1.65	1.32	0.11	-2.63
MRBLD1TOR164_SIN		0.00	-25.13	1.51	65.30	-11.04	3.40	9.04	10.91	3.06	0.63	5.28	5.69	1.80	-1.00	-0.67	0.17
MRFBM1CB26P5_COS		-4729.96	-772.34	-8.27	68.49	6.13	-4.07	0.59	-9.92	-0.23	-0.89	8.50	1.52	0.02	-0.89	-3.97	-1.65
MRFBM1CB26P5_SIN		0.00	-141.68	9.20	-18.21	-29.70	-11.94	-22.68	-14.25	-5.91	-4.11	-8.23	3.09	0.62	0.07	0.99	-3.11
MRFBM1FB9_COS		350.81	62.05	121.96	-71.39	23.10	14.68	10.24	9.13	-0.15	-2.64	-4.82	0.03	-0.04	0.69	1.68	-0.39
MRFBM1FB9_SIN		0.00	-7.71	35.18	-43.42	-33.90	-3.60	5.12	13.04	4.06	3.04	1.41	-2.21	-0.69	0.14	0.49	1.76
MRFBM1TOR26P5_COS		-347.28	84.18	-0.42	0.21	-1.13	0.10	0.09	0.00	0.21	0.07	-0.16	0.00	0.03	-0.01	0.06	0.08
MRFBM1TOR26P5_SIN		0.00	-110.83	0.40	0.86	-0.58	-0.37	0.16	0.04	0.27	-0.01	0.08	-0.17	0.05	0.07	-0.05	-0.01

RUN	POINT	Harmonics															
49	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1077.16	-1603.65	0.47	203.39	-46.45	-42.59	-35.34	-88.79	15.00	19.18	40.23	13.71	-1.51	-9.42	-27.66	-10.04
MRPC1CB33P25_SIN		0.00	-22.04	-12.82	-34.32	102.72	-7.66	-7.86	-68.26	-30.96	-28.78	-65.54	35.58	4.14	2.99	11.95	-16.51
MRPC1FB33P25_COS		2300.04	220.41	-324.80	284.83	-99.89	-92.54	-82.58	-212.76	-50.57	10.19	101.98	28.59	11.31	-10.66	-65.64	-28.48
MRPC1FB33P25_SIN		0.00	192.55	-81.69	79.45	217.14	63.90	-8.51	-168.00	-75.67	-107.44	-70.60	51.85	17.02	9.40	19.74	-54.41
MRPC1TOR25P5_COS		-754.30	-34.90	-80.98	-14.17	48.12	-1.14	-19.39	3.50	-10.67	2.23	17.90	2.81	-5.91	-4.74	-1.34	-5.16
MRPC1TOR25P5_SIN		0.00	125.85	-62.19	-145.29	36.78	4.60	0.71	-20.74	-15.85	10.49	-4.23	14.86	-3.18	-1.37	0.26	3.83
MRPLK1LOAD_COS		-83.58	1.04	-5.94	-1.51	7.16	0.56	-2.30	2.01	-1.28	0.03	2.65	0.03	-0.81	-0.56	-0.22	-1.09
MRPLK1LOAD_SIN		0.00	-13.27	-4.50	-20.33	3.84	0.95	-0.38	-1.88	-2.11	1.50	-0.34	2.13	-0.74	-0.45	-0.22	0.81
PITCHRH_COS		8643.00	-8513.39	-314.65	-36.59	-105.38	220.05	-143.36	-47.30	91.89	-72.76	112.41	-73.44	13.49	18.58	-35.29	-358.13
PITCHRH_SIN		0.00	2485.14	-608.51	76.93	-108.44	667.57	-81.13	90.70	54.29	-125.18	-198.56	53.20	-10.67	41.02	-12.18	201.77
ROLLRH_COS		1899.68	-2112.15	722.98	-5.06	-279.91	-1581.61	-174.87	-89.32	108.09	132.66	386.02	-39.91	-54.67	-34.10	-13.85	-462.16
ROLLRH_SIN		0.00	-8044.32	-507.24	-9.65	159.47	1069.18	-199.23	-28.66	25.72	-27.38	-76.33	-59.80	13.20	-26.99	-14.01	-290.57
TORQ_COS		32102.73	402.30	-6.72	24.52	-46.45	21.82	-0.54	10.99	-21.62	-1.27	-5.87	-2.09	5.30	-1.46	-5.04	11.64
TORQ_SIN		0.00	679.42	-26.55	21.66	-99.81	52.04	2.30	43.61	1.22	-5.73	28.74	3.61	-4.43	6.33	-8.52	-15.89
THRUST_COS		5879.66	-67.33	16.10	8.95	13.00	19.86	5.28	20.33	-0.48	-4.46	-31.06	-1.35	3.59	0.95	1.20	14.29
THRUST_SIN		0.00	-47.64	11.91	0.61	33.89	-46.08	7.81	18.00	-0.98	5.24	41.45	-2.16	0.55	-1.15	-3.46	27.95

RUN	POINT	Harmonics															
49	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-178.13	31.10	-19.57	-1.34	1.96	38.41	11.07	0.86	-2.02	-6.01	-14.63	2.01	2.28	0.96	0.07	14.29
SIDERH_SIN		0.00	155.28	12.76	4.50	-76.47	-179.44	14.18	0.09	-0.91	1.59	3.54	3.26	-0.75	1.20	0.35	8.29
DRAGRH_COS		-208.15	220.87	9.96	-1.39	-10.46	105.69	-7.24	-3.34	-2.84	2.34	0.57	4.97	-3.87	-1.03	1.57	16.76
DRAGRH_SIN		0.00	-60.37	18.38	0.96	14.71	131.01	-7.28	-0.49	0.62	8.21	5.41	-5.42	-0.58	-1.42	-0.18	-9.79

RUN	POINT	Harmonics															
49	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.07	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.00	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	0.01	-0.07	-0.01	0.01	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.72	1.25	-1.73	5.90	-0.90	-1.51	0.12	0.72	-0.11	-0.28	-0.22	0.06	0.13	0.38	0.00	-0.42
ACT1FORCE_SIN		0.00	13.42	1.17	-1.70	2.25	0.04	-0.72	0.92	0.33	-1.74	-0.17	0.01	0.48	0.35	0.06	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.86	-11.51	8.03	-105.59	5.99	12.91	0.24	0.42	-0.02	0.02	-0.05	-0.14	-0.07	-0.06	-0.04	-0.10
FA1IBVOLTAGE_SIN		0.00	-76.99	-10.54	-277.50	-10.04	1.18	3.98	-0.16	0.06	-0.12	-0.02	0.06	0.07	0.10	-0.04	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.05	11.67	-7.97	106.71	-5.87	-12.98	0.12	-0.46	-0.10	-0.03	0.01	0.12	0.05	0.06	0.04	0.11
FA1OBVOLTAGE_SIN		0.00	77.14	10.47	277.94	10.44	-1.01	-3.27	0.23	-0.03	0.13	0.04	-0.08	-0.01	-0.12	0.02	0.05
MRBLD1CB42P75_COS		-4006.77	-1884.06	85.42	160.01	-85.93	-37.50	-40.04	-81.41	36.53	37.39	23.23	40.48	2.96	-12.36	-29.96	-9.16
MRBLD1CB42P75_SIN		0.00	-208.79	-29.05	-29.54	189.65	-2.20	18.96	-62.30	-19.89	-21.64	-107.79	39.50	3.37	-0.08	10.76	-10.72

RUN	POINT	Harmonics															
49	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2780.16	-1177.19	327.67	85.47	-93.37	-39.44	-37.98	-59.04	27.94	38.17	0.13	26.03	6.03	-5.27	-18.92	-5.90
MRBLD1CB70_SIN		0.00	-132.82	-34.82	-2.30	334.96	32.38	108.78	-23.04	-11.54	-17.04	-56.44	18.31	-0.11	-0.58	5.59	-11.29
MRBLD1CB120_COS		-557.22	-480.18	441.02	79.32	-52.44	-14.22	-34.47	-20.76	-38.99	-20.78	7.70	-11.87	3.25	9.17	1.79	0.55
MRBLD1CB120_SIN		0.00	55.80	-111.82	-40.27	341.80	47.17	149.94	5.15	5.47	-19.24	55.63	-14.32	5.80	4.73	-3.75	-9.23
MRBLD1CB164_COS		-1976.21	-139.92	136.46	14.19	-45.25	-10.06	0.36	21.53	-39.99	-25.61	17.54	-9.25	1.81	3.81	9.91	0.33
MRBLD1CB164_SIN		0.00	71.06	-38.98	-38.68	160.93	24.60	59.70	15.86	-3.74	-25.66	39.82	-5.34	8.46	1.63	-0.07	12.04
MRBLD1FB42P75_COS		3125.47	331.02	-371.54	279.35	11.54	-39.09	-93.81	-272.33	-98.68	-87.66	9.03	71.42	26.55	3.46	-26.42	-50.49
MRBLD1FB42P75_SIN		0.00	57.38	-32.65	15.18	304.30	105.53	43.24	-77.45	-25.14	-93.13	-155.24	-0.88	-4.44	3.22	53.93	-6.37
MRBLD1FB70_COS		428.99	-5.21	-176.13	71.65	-11.16	-9.23	-12.22	-36.25	1.08	1.07	0.02	1.06	-1.10	-1.60	6.34	12.53
MRBLD1FB70_SIN		0.00	-189.64	1.38	-14.54	89.44	13.49	11.90	-8.52	1.90	0.73	0.75	3.79	5.40	1.10	-11.81	1.33
MRBLD1FB87_COS		-66.31	22.38	-155.22	11.61	-24.23	-21.49	-8.04	24.16	14.74	17.86	2.11	-16.32	-2.42	0.54	1.70	5.67
MRBLD1FB87_SIN		0.00	-186.27	25.17	18.63	46.67	6.19	-1.73	5.02	-0.14	14.44	35.21	-0.46	2.77	3.03	-9.47	0.77
MRBLD1FB120_COS		-464.00	18.11	-246.43	-20.69	0.37	-12.28	17.60	51.53	1.03	-2.39	-6.40	4.60	1.97	-1.00	-5.11	-8.33
MRBLD1FB120_SIN		0.00	-244.65	62.30	61.34	29.91	2.66	-21.15	9.20	-5.08	-1.67	-11.09	-2.81	-8.51	-6.06	13.40	-1.04
MRBLD1FB164_COS		-144.55	43.35	-281.65	22.97	57.01	48.29	-1.18	-79.86	-4.08	7.53	4.88	-7.56	-1.38	2.50	7.69	5.69
MRBLD1FB164_SIN		0.00	-291.46	32.77	272.12	-88.10	-30.97	11.55	-13.40	-4.21	2.65	22.77	-3.09	1.42	3.51	-6.43	0.49

RUN	POINT	Harmonics															
49	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-194.81	-11.05	-140.83	12.27	39.42	43.70	-20.93	-78.03	16.71	27.44	-4.68	-29.61	9.18	7.80	-11.07	-15.14
MRBLD1FB180_SIN		0.00	-201.32	30.51	210.06	-56.60	-19.64	25.87	5.86	-13.00	-12.79	60.59	1.78	-9.45	-13.03	18.18	2.07
MRBLD1TOR51_COS		-1406.08	63.48	44.38	-2.24	-79.73	0.36	12.99	-11.11	7.28	-1.30	-7.85	-2.99	4.98	3.91	-6.88	-3.80
MRBLD1TOR51_SIN		0.00	-82.15	20.08	223.56	-36.28	0.91	-4.94	10.27	11.13	-14.70	0.25	-6.23	1.97	1.17	1.36	-6.74
MRBLD1TOR71_COS		-255.29	84.04	29.62	-11.85	-65.93	7.49	19.53	-1.27	7.57	-2.72	-8.92	-4.76	4.09	5.47	-4.01	-3.67
MRBLD1TOR71_SIN		0.00	-79.55	13.37	201.49	-51.68	-0.93	-3.09	19.61	15.50	-7.00	6.82	-5.46	0.54	1.17	1.67	-3.57
MRBLD1TOR130_COS		-24.61	70.63	49.89	-16.94	-52.65	7.00	16.99	-5.01	4.62	-2.04	5.27	1.96	0.70	0.05	-0.30	-1.51
MRBLD1TOR130_SIN		0.00	-67.35	7.64	198.78	-50.25	-1.07	0.75	10.59	10.03	-4.72	-0.12	9.42	3.33	1.26	0.41	3.92
MRBLD1TOR164_COS		-220.50	38.28	80.44	-16.91	-43.95	-5.69	1.01	-0.96	8.03	3.31	0.22	-0.02	1.33	1.75	0.01	-0.41
MRBLD1TOR164_SIN		0.00	-27.45	5.87	110.71	-16.11	3.16	7.46	9.37	2.95	1.99	5.89	5.98	1.23	-0.96	-1.02	0.96
MRFBM1CB26P5_COS		-4694.79	-836.17	-7.02	64.87	7.38	1.44	-2.34	-8.45	-0.12	-1.87	7.91	2.80	0.15	-0.41	-4.10	-1.63
MRFBM1CB26P5_SIN		0.00	-213.80	7.70	-16.44	-35.42	-13.26	-25.43	-12.05	-4.18	-4.49	-11.90	2.82	0.50	0.17	0.45	-2.69
MRFBM1FB9_COS		327.59	130.93	116.83	-55.13	19.65	12.64	11.49	7.34	0.52	-2.04	-4.97	-0.96	-0.40	0.52	1.64	-0.51
MRFBM1FB9_SIN		0.00	8.11	41.53	-33.83	-40.40	-5.36	4.88	13.13	3.93	3.55	3.04	-2.47	-0.89	0.13	0.72	1.53
MRFBM1TOR26P5_COS		-347.28	84.45	-0.23	0.04	-1.54	0.22	0.09	0.01	0.22	0.08	-0.13	-0.06	0.04	-0.01	0.06	0.06
MRFBM1TOR26P5_SIN		0.00	-110.54	0.59	1.35	-0.94	-0.40	0.07	0.07	0.27	-0.08	0.14	-0.20	0.06	0.06	-0.03	-0.03

RUN	POINT	Harmonics															
49	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1046.73	-1692.67	5.66	176.93	-49.32	-28.63	-39.10	-77.06	12.06	14.11	27.01	32.25	4.31	-6.64	-27.84	-9.06
MRPC1CB33P25_SIN		0.00	-114.10	-17.82	-40.58	99.16	-8.98	-7.89	-65.30	-24.75	-32.43	-84.69	29.44	3.79	2.14	8.66	-14.19
MRPC1FB33P25_COS		2283.47	250.42	-326.24	228.06	-64.63	-66.83	-87.42	-181.75	-58.86	-12.95	94.71	51.87	21.94	-1.29	-64.14	-23.71
MRPC1FB33P25_SIN		0.00	222.54	-90.25	57.94	265.41	74.70	3.27	-171.79	-66.66	-113.02	-108.66	44.38	15.28	5.82	10.27	-48.09
MRPC1TOR25P5_COS		-752.59	-28.30	-104.09	12.85	73.66	-12.75	-21.11	-1.00	-9.52	3.66	14.46	8.60	-5.61	-4.71	-2.45	-2.59
MRPC1TOR25P5_SIN		0.00	129.77	-63.27	-222.82	60.48	4.77	7.63	-21.27	-18.34	12.74	-8.20	15.33	-2.34	0.20	0.07	4.47
MRPLK1LOAD_COS		-83.06	1.08	-8.63	2.03	10.49	-1.00	-2.62	1.40	-1.13	0.24	2.20	0.83	-0.83	-0.56	-0.32	-0.72
MRPLK1LOAD_SIN		0.00	-12.79	-4.97	-30.45	6.78	1.06	0.59	-2.09	-2.44	2.01	-0.84	2.37	-0.76	-0.23	-0.28	0.93
PITCHRH_COS		7599.95	-8525.48	-303.47	-24.91	-101.48	532.82	-77.86	-39.13	98.35	-57.11	151.30	-71.54	31.46	34.61	-36.06	-390.20
PITCHRH_SIN		0.00	2450.60	-585.59	71.36	-82.53	667.87	-52.07	70.79	36.49	-131.56	-222.75	71.43	-41.53	63.77	-33.21	166.15
ROLLRH_COS		1534.59	-2137.76	738.37	19.36	-330.42	-1725.01	-102.36	-95.03	143.69	135.42	405.95	-46.43	-32.42	-15.80	-19.60	-418.19
ROLLRH_SIN		0.00	-8108.05	-518.68	-9.29	149.14	1458.46	-135.11	-27.03	30.14	-2.88	-157.65	-49.37	3.82	-9.90	-18.90	-351.75
TORQ_COS		32914.35	372.56	-4.64	28.80	-26.15	2.54	-0.08	10.21	-27.18	-2.65	-3.40	-2.80	4.62	-2.07	-3.75	9.16
TORQ_SIN		0.00	645.73	-21.44	21.40	-80.23	60.09	4.83	28.53	-3.88	-7.77	35.28	5.49	-7.22	5.93	-8.65	-16.95
THRUST_COS		5805.75	-65.52	17.68	5.71	11.76	1.36	4.41	18.87	-1.07	-4.79	-27.99	0.21	2.00	0.18	2.33	5.87
THRUST_SIN		0.00	-51.50	12.12	-0.65	31.99	-47.89	5.31	9.84	2.03	5.39	51.21	-2.68	1.33	-1.33	-5.02	34.73

RUN	POINT	Harmonics															
49	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-179.44	42.74	-18.73	1.00	5.39	26.77	11.18	0.57	-3.94	-6.39	-15.26	1.94	1.46	0.16	0.41	12.94
SIDERH_SIN		0.00	164.83	12.62	3.27	-72.73	-219.37	9.46	1.00	-0.73	0.09	6.51	3.11	-0.70	0.75	0.57	9.74
DRAGRH_COS		-215.56	221.95	9.84	-2.20	-8.12	123.33	-10.85	-0.76	-2.00	1.34	-2.78	5.48	-3.44	-1.96	1.53	18.39
DRAGRH_SIN		0.00	-62.00	18.12	1.72	17.79	163.22	-7.58	-1.15	1.17	8.83	3.39	-5.53	1.94	-1.87	0.70	-8.11

RUN	POINT	Harmonics															
49	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.00	-0.02	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.89	1.09	-1.57	6.12	-1.05	-1.49	0.03	0.74	-0.27	-0.19	-0.25	-0.01	0.13	0.33	0.00	-0.45
ACT1FORCE_SIN		0.00	13.39	1.26	-1.80	2.45	-0.21	-0.59	1.01	0.30	-1.79	-0.30	0.00	0.52	0.40	0.00	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.73	-10.73	7.37	-103.03	6.97	12.98	0.89	0.43	-0.09	-0.01	-0.11	-0.07	-0.14	-0.04	-0.04	-0.09
FA1IBVOLTAGE_SIN		0.00	-77.08	-11.93	-279.00	-11.34	3.43	3.27	-0.18	0.09	-0.14	-0.03	-0.01	0.08	0.04	-0.06	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.16	10.89	-7.31	104.13	-6.86	-13.07	-0.55	-0.50	-0.03	0.01	0.09	0.05	0.11	0.03	0.05	0.10
FA1OBVOLTAGE_SIN		0.00	77.24	11.86	279.45	11.75	-3.26	-2.55	0.26	-0.10	0.15	0.05	-0.01	-0.03	-0.05	0.05	0.14
MRBLD1CB42P75_COS		-4012.24	-1847.12	78.05	159.25	-86.90	-28.06	-45.80	-52.22	35.83	31.84	34.86	45.00	2.98	-19.42	-47.96	-2.49
MRBLD1CB42P75_SIN		0.00	-149.91	-34.11	-25.16	196.76	-9.32	10.25	-75.71	-11.93	-16.43	-130.00	47.92	5.83	0.88	10.96	-14.84

RUN	POINT	Harmonics															
49	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2774.91	-1151.39	331.92	81.91	-97.67	-17.76	-45.63	-41.14	29.56	32.16	6.47	29.47	6.18	-11.53	-32.50	-0.93
MRBLD1CB70_SIN		0.00	-85.13	-37.80	4.53	348.36	30.68	103.41	-33.21	-8.27	-11.87	-71.32	23.37	1.89	-0.29	8.01	-15.73
MRBLD1CB120_COS		-561.72	-470.75	451.33	76.07	-54.79	5.44	-38.80	-17.53	-31.41	-14.80	3.28	-13.86	2.34	9.53	0.96	1.33
MRBLD1CB120_SIN		0.00	82.31	-113.98	-32.80	356.14	52.61	150.37	-0.76	1.23	-25.42	68.82	-16.15	7.28	6.28	-5.32	-10.05
MRBLD1CB164_COS		-1978.90	-136.95	140.62	13.63	-46.10	-1.34	-0.30	13.32	-33.15	-16.11	13.51	-12.07	-0.32	6.01	17.20	-3.71
MRBLD1CB164_SIN		0.00	80.57	-38.46	-38.86	168.86	28.69	62.33	17.36	-8.51	-31.53	52.46	-6.95	9.30	2.89	0.11	14.21
MRBLD1FB42P75_COS		3133.21	321.12	-379.52	278.14	27.02	-59.53	-97.57	-232.29	-86.13	-80.48	16.94	86.24	33.17	0.01	-55.24	-53.09
MRBLD1FB42P75_SIN		0.00	39.58	-39.99	21.44	318.64	96.12	33.09	-137.00	-31.40	-112.17	-172.92	8.16	5.09	19.56	84.99	-23.44
MRBLD1FB70_COS		428.75	-4.02	-181.90	71.33	-6.80	-12.61	-13.44	-29.68	1.41	0.30	-1.24	-0.91	-3.06	-1.64	12.18	12.97
MRBLD1FB70_SIN		0.00	-193.37	-0.97	-15.08	94.48	8.98	10.44	-18.03	2.26	0.60	0.36	3.55	4.27	-1.81	-17.13	5.54
MRBLD1FB87_COS		-68.12	22.89	-160.81	9.77	-23.99	-22.28	-7.53	21.40	13.91	17.88	2.05	-18.24	-2.84	1.55	7.58	6.41
MRBLD1FB87_SIN		0.00	-189.77	24.96	17.19	49.90	3.78	-0.59	11.14	1.39	18.09	40.04	-2.27	1.55	-0.26	-17.04	3.02
MRBLD1FB120_COS		-464.39	21.32	-253.30	-24.12	-1.97	-11.25	17.94	41.21	-1.42	-3.09	-7.54	4.95	2.73	-1.68	-13.84	-9.83
MRBLD1FB120_SIN		0.00	-248.37	62.69	59.41	30.35	1.93	-17.68	21.96	-5.86	-1.61	-12.81	-2.17	-7.53	-2.36	23.05	-4.67
MRBLD1FB164_COS		-141.58	45.50	-291.71	15.32	51.48	50.07	-1.54	-65.92	1.34	8.91	5.26	-8.18	-2.13	3.54	11.98	6.24
MRBLD1FB164_SIN		0.00	-300.51	28.73	278.09	-98.21	-16.37	11.10	-32.02	-1.61	2.25	26.50	-3.79	1.81	2.07	-10.83	3.39

RUN	POINT	Harmonics															
49	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-193.08	-9.67	-147.00	7.61	35.39	43.23	-20.94	-65.16	21.41	30.34	-4.86	-32.44	10.93	8.59	-22.26	-18.05
MRBLD1FB180_SIN		0.00	-207.55	28.69	215.27	-62.70	-8.16	25.15	-8.34	-9.14	-6.60	70.68	0.62	-6.08	-7.04	29.56	-4.32
MRBLD1TOR51_COS		-1404.80	65.14	42.01	-4.64	-78.13	1.57	14.23	-2.35	6.03	-1.76	-8.55	-3.09	5.05	2.25	-12.39	-3.21
MRBLD1TOR51_SIN		0.00	-80.20	19.04	224.19	-36.45	2.40	-6.54	0.67	13.77	-14.41	0.37	-6.51	3.32	2.88	0.65	-8.69
MRBLD1TOR71_COS		-254.79	85.36	28.02	-13.38	-64.32	8.76	21.05	3.77	5.96	-3.39	-10.53	-5.57	4.19	4.62	-7.10	-3.52
MRBLD1TOR71_SIN		0.00	-79.22	12.47	201.62	-52.55	1.09	-4.16	12.21	17.32	-6.69	7.84	-6.62	1.07	2.63	1.31	-5.01
MRBLD1TOR130_COS		-23.89	71.46	48.28	-19.20	-50.94	8.26	18.27	-0.25	4.33	-1.06	5.92	1.02	0.23	-0.08	1.79	-1.46
MRBLD1TOR130_SIN		0.00	-66.20	7.36	198.67	-52.24	1.66	0.06	4.29	11.02	-5.41	-0.01	10.15	3.31	1.15	0.62	4.36
MRBLD1TOR164_COS		-220.71	38.55	81.09	-17.45	-42.73	-4.70	1.52	-0.07	7.08	3.62	0.33	-0.62	0.72	1.26	-0.15	0.11
MRBLD1TOR164_SIN		0.00	-25.69	6.76	109.85	-15.69	1.60	7.08	6.89	2.75	2.38	6.82	6.38	1.53	-0.58	-0.96	0.73
MRFBM1CB26P5_COS		-4707.36	-815.98	-11.45	65.20	9.11	-0.70	-1.76	-4.80	-0.34	-1.30	9.15	3.08	0.08	-0.91	-6.09	-1.00
MRFBM1CB26P5_SIN		0.00	-181.18	5.09	-14.76	-38.04	-13.95	-26.44	-13.43	-2.94	-5.06	-12.83	3.69	1.17	0.88	-0.74	-3.11
MRFBM1FB9_COS		338.70	107.64	125.00	-53.25	18.99	13.13	11.98	3.90	-0.12	-2.34	-5.71	-0.91	-0.10	1.03	2.69	-0.85
MRFBM1FB9_SIN		0.00	-4.51	47.03	-35.40	-42.73	-3.43	5.86	13.87	3.64	3.56	3.46	-3.03	-1.15	0.38	1.45	1.46
MRFBM1TOR26P5_COS		-347.32	84.59	-0.22	0.01	-1.55	0.27	0.09	0.02	0.19	0.06	-0.16	-0.03	0.03	0.00	0.02	0.03
MRFBM1TOR26P5_SIN		0.00	-110.60	0.54	1.36	-0.94	-0.40	0.11	0.05	0.28	-0.04	0.13	-0.20	0.06	0.05	-0.04	-0.03

RUN	POINT	Harmonics															
49	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1051.56	-1661.16	-2.55	177.93	-47.20	-28.10	-42.25	-51.69	13.35	14.02	35.83	36.06	4.15	-12.55	-45.75	-2.61
MRPC1CB33P25_SIN		0.00	-71.19	-20.62	-36.23	101.55	-16.06	-14.39	-79.25	-18.61	-31.36	-99.07	36.90	7.06	4.50	7.99	-19.02
MRPC1FB33P25_COS		2291.27	242.28	-329.56	225.57	-55.31	-80.47	-86.93	-127.03	-46.67	1.57	110.69	56.40	20.22	-16.09	-106.67	-9.39
MRPC1FB33P25_SIN		0.00	205.68	-97.03	63.61	280.69	61.28	-6.01	-201.16	-65.73	-123.22	-117.85	60.24	26.08	13.82	4.41	-60.09
MRPC1TOR25P5_COS		-754.46	-30.51	-99.40	15.20	71.52	-14.14	-22.94	-7.32	-7.57	4.59	16.99	8.89	-5.71	-4.46	1.16	-0.89
MRPC1TOR25P5_SIN		0.00	126.09	-63.08	-222.14	61.42	2.21	8.20	-12.07	-20.72	11.72	-10.00	17.19	-3.24	-0.58	-0.11	4.83
MRPLK1LOAD_COS		-83.21	1.02	-8.13	2.36	10.22	-1.19	-2.79	0.39	-0.90	0.41	2.55	0.70	-0.82	-0.47	0.60	-0.44
MRPLK1LOAD_SIN		0.00	-13.05	-4.87	-30.41	6.89	0.77	0.59	-0.70	-2.80	1.84	-0.91	2.51	-0.97	-0.36	-0.25	1.08
PITCHRH_COS		7938.55	-8548.86	-286.50	-32.66	-110.39	612.19	-109.68	-44.14	147.85	-93.96	202.20	-64.91	19.53	68.07	-34.16	-484.52
PITCHRH_SIN		0.00	2444.00	-595.84	65.90	-96.26	647.71	-126.41	83.36	51.14	-134.53	-230.28	81.59	-8.99	58.18	-47.10	122.88
ROLLRH_COS		1794.57	-2110.57	744.82	34.80	-340.55	-1798.35	-103.79	-101.93	126.39	148.87	427.92	-35.82	-34.24	-18.33	-65.09	-382.17
ROLLRH_SIN		0.00	-8073.00	-502.28	-3.40	145.31	1543.53	-200.29	-61.53	54.90	-36.36	-123.23	-57.46	6.88	-11.58	-18.67	-499.26
TORQ_COS		32674.66	386.13	-3.92	30.87	-26.48	-14.30	1.89	1.82	-23.67	-1.85	-4.78	-3.30	5.54	-3.71	-3.46	13.36
TORQ_SIN		0.00	685.01	-24.89	18.38	-73.54	62.57	6.08	30.13	-9.31	-8.36	38.25	5.41	-8.59	5.75	-7.89	-21.90
THRUST_COS		5838.24	-65.57	17.72	5.16	12.10	4.84	1.81	15.81	-2.10	-4.16	-32.59	-0.79	2.66	-1.60	6.81	1.77
THRUST_SIN		0.00	-51.78	11.25	-1.25	31.31	-42.11	6.62	14.88	1.34	4.96	57.34	-4.13	-0.28	-0.27	-8.47	34.74

RUN	POINT	Harmonics															
49	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.76	37.29	-20.44	0.35	8.61	24.14	6.24	1.61	-3.37	-6.80	-15.68	1.57	1.51	0.32	1.90	12.28
SIDERH_SIN		0.00	155.06	12.10	4.58	-73.87	-232.85	9.63	2.08	-1.64	1.48	5.07	3.79	-0.77	1.02	0.77	14.18
DRAGRH_COS		-212.82	220.95	9.84	-2.72	-7.86	136.03	-10.32	0.88	-3.39	4.18	-5.42	6.70	-3.92	-3.08	1.39	22.29
DRAGRH_SIN		0.00	-61.08	17.70	2.30	17.50	169.98	-0.15	-4.12	1.12	9.91	2.17	-5.65	0.87	-1.79	0.66	-6.92

RUN	POINT	Harmonics															
49	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.00	-0.02	-0.01	0.01	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	0.00	0.01	0.02	0.01	0.00	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.72	1.26	-1.66	6.10	-0.93	-1.53	-0.13	0.70	-0.30	-0.21	-0.25	0.09	0.17	0.36	-0.09	-0.47
ACT1FORCE_SIN		0.00	13.35	1.30	-1.60	2.22	-0.19	-0.73	0.88	0.44	-1.75	-0.12	0.01	0.49	0.30	-0.03	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.19	-11.82	8.14	-103.20	6.41	13.26	1.73	0.39	-0.06	0.01	-0.12	-0.08	-0.15	-0.03	0.00	-0.08
FA1IBVOLTAGE_SIN		0.00	-77.18	-11.82	-280.45	-9.88	2.89	4.27	-0.17	0.10	-0.13	0.01	-0.01	0.04	0.02	-0.09	-0.18
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.71	11.99	-8.07	104.31	-6.30	-13.34	-1.40	-0.45	-0.07	-0.03	0.08	0.05	0.11	0.03	0.01	0.09
FA1OBVOLTAGE_SIN		0.00	77.32	11.75	280.90	10.29	-2.72	-3.53	0.25	-0.09	0.14	0.01	0.00	0.00	-0.03	0.08	0.15
MRBLD1CB42P75_COS		-4050.75	-1849.13	83.69	165.65	-87.23	-27.33	-35.69	-86.97	28.87	36.23	35.79	37.16	1.99	-16.34	-40.46	-7.39
MRBLD1CB42P75_SIN		0.00	-113.19	-35.95	-16.64	196.52	5.10	18.02	-58.88	-18.65	-26.14	-102.45	34.85	-0.94	-2.81	12.72	-18.88

RUN	POINT	Harmonics															
49	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2758.33	-1156.20	328.51	87.10	-90.95	-25.06	-26.82	-63.04	23.56	35.40	12.85	25.14	4.74	-8.42	-27.23	-5.42
MRBLD1CB70_SIN		0.00	-74.08	-38.96	11.42	347.74	42.52	108.44	-16.46	-11.24	-20.75	-52.96	15.71	-1.71	-0.93	8.96	-17.04
MRBLD1CB120_COS		-554.00	-471.26	443.15	83.82	-41.02	-2.88	-22.55	-25.65	-32.80	-18.38	1.96	-9.93	3.27	9.19	0.41	0.48
MRBLD1CB120_SIN		0.00	66.98	-118.13	-29.06	348.56	56.19	153.47	16.00	6.39	-18.41	54.57	-11.90	8.23	6.75	-4.27	-10.38
MRBLD1CB164_COS		-1974.19	-137.28	135.33	17.24	-38.58	-4.92	4.86	21.04	-32.34	-20.75	8.48	-8.64	0.34	4.25	14.78	0.31
MRBLD1CB164_SIN		0.00	70.47	-40.35	-32.45	163.53	27.52	60.71	20.10	-2.49	-23.35	37.41	-3.55	10.88	3.08	-0.40	15.54
MRBLD1FB42P75_COS		3143.03	325.22	-368.10	315.00	44.46	-30.69	-89.42	-271.68	-83.60	-72.24	20.62	73.15	30.24	3.18	-34.50	-63.82
MRBLD1FB42P75_SIN		0.00	18.59	-43.16	32.12	287.02	103.59	51.73	-54.59	-22.58	-100.72	-147.95	0.85	-4.11	12.11	79.38	-18.32
MRBLD1FB70_COS		427.13	-1.20	-176.30	83.17	-2.15	-5.92	-11.35	-37.89	0.18	-0.32	-1.16	-1.03	-3.31	-2.68	7.79	14.99
MRBLD1FB70_SIN		0.00	-194.42	-0.90	-9.71	84.77	11.90	13.43	-4.54	2.53	0.25	0.87	4.10	5.46	-0.34	-15.98	4.46
MRBLD1FB87_COS		-70.56	24.18	-156.54	16.16	-22.49	-21.25	-8.70	24.05	13.16	15.92	0.16	-15.15	-2.07	1.18	3.47	8.81
MRBLD1FB87_SIN		0.00	-187.93	26.52	21.30	45.10	4.02	-2.96	2.51	-0.79	15.58	33.25	-0.94	3.01	1.21	-15.78	1.53
MRBLD1FB120_COS		-471.11	19.74	-246.97	-17.14	-1.24	-14.01	15.59	52.74	0.85	-1.69	-5.36	4.51	2.74	-0.42	-7.02	-12.35
MRBLD1FB120_SIN		0.00	-240.99	66.85	65.75	32.56	1.70	-21.87	3.54	-5.53	-0.28	-11.04	-3.34	-8.87	-3.59	21.91	-2.51
MRBLD1FB164_COS		-149.68	42.76	-277.73	27.99	48.24	40.22	-0.34	-83.22	-2.01	8.96	4.05	-5.90	-0.60	3.59	9.09	7.83
MRBLD1FB164_SIN		0.00	-285.72	34.33	276.70	-83.43	-22.38	16.70	-4.84	-0.53	1.91	21.76	-3.08	2.17	2.05	-10.99	1.24

RUN	POINT	Harmonics															
49	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-199.30	-13.22	-139.91	12.17	30.80	36.63	-20.09	-80.71	18.43	28.45	-6.50	-24.59	14.01	13.40	-11.08	-19.55
MRBLD1FB180_SIN		0.00	-197.37	31.74	213.31	-53.45	-11.67	30.84	14.61	-11.45	-11.50	55.64	1.19	-5.12	-7.07	29.06	-0.59
MRBLD1TOR51_COS		-1403.53	62.88	43.87	1.34	-76.12	1.65	13.54	-11.26	5.22	-1.41	-6.84	-1.35	6.05	3.53	-10.91	-4.69
MRBLD1TOR51_SIN		0.00	-82.59	17.18	226.71	-37.38	1.32	-1.18	17.22	15.76	-15.44	-0.45	-5.60	4.23	4.00	3.07	-9.07
MRBLD1TOR71_COS		-253.41	83.67	29.36	-9.09	-63.26	8.29	19.81	-1.21	5.42	-3.10	-8.83	-3.35	4.84	5.41	-6.35	-4.61
MRBLD1TOR71_SIN		0.00	-81.30	11.09	203.29	-52.71	-0.75	0.09	25.28	19.18	-7.60	5.81	-5.11	2.24	3.35	2.74	-5.13
MRBLD1TOR130_COS		-23.20	69.69	49.13	-16.61	-51.42	7.21	17.29	-5.36	3.71	-0.80	5.34	2.04	0.32	-0.36	1.19	-1.03
MRBLD1TOR130_SIN		0.00	-67.60	6.31	199.20	-50.55	-0.30	3.19	15.51	12.73	-5.15	0.24	8.20	2.33	0.15	-0.46	4.57
MRBLD1TOR164_COS		-219.38	37.70	79.57	-18.06	-42.10	-4.04	0.79	-1.25	7.29	3.57	0.52	0.27	0.98	1.46	0.49	-0.06
MRBLD1TOR164_SIN		0.00	-28.06	5.46	109.49	-16.52	2.64	8.05	11.00	3.39	2.35	6.01	5.87	0.72	-1.44	-0.97	1.23
MRFBM1CB26P5_COS		-4739.01	-811.14	-6.89	65.34	4.74	0.78	-3.94	-8.56	-0.49	-0.81	7.29	2.79	0.78	-0.33	-5.04	-1.28
MRFBM1CB26P5_SIN		0.00	-149.79	3.03	-14.97	-37.18	-11.83	-24.74	-12.52	-3.86	-4.19	-11.15	3.12	0.83	0.61	0.45	-3.66
MRFBM1FB9_COS		338.92	93.57	117.39	-61.51	14.99	11.32	11.55	8.32	0.19	-2.41	-5.11	-0.96	-0.37	0.73	2.43	-0.84
MRFBM1FB9_SIN		0.00	-50.01	47.65	-41.03	-40.27	-5.85	4.04	12.09	3.39	3.36	2.40	-2.51	-0.89	0.25	0.82	1.90
MRFBM1TOR26P5_COS		-350.07	80.78	-0.22	0.00	-1.53	0.20	0.15	-0.02	0.20	0.05	-0.10	-0.06	0.04	0.00	0.04	0.05
MRFBM1TOR26P5_SIN		0.00	-105.65	0.49	1.39	-0.89	-0.41	0.15	0.12	0.26	-0.09	0.11	-0.16	0.08	0.08	-0.01	-0.03

RUN	POINT	Harmonics															
49	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1081.26	-1665.89	3.78	184.86	-49.46	-22.62	-37.89	-81.79	9.34	16.32	34.52	30.32	4.46	-9.69	-38.06	-7.66
MRPC1CB33P25_SIN		0.00	-40.99	-24.61	-30.80	100.24	-4.32	-6.46	-61.73	-22.50	-34.29	-80.26	27.95	2.02	1.85	11.36	-22.26
MRPC1FB33P25_COS		2300.97	248.64	-319.21	253.56	-33.46	-59.66	-86.05	-189.58	-48.91	2.38	99.04	51.88	24.11	-8.53	-89.89	-20.06
MRPC1FB33P25_SIN		0.00	184.76	-97.17	78.06	259.46	76.25	10.84	-152.94	-57.85	-110.38	-95.74	46.40	18.05	11.14	17.80	-66.65
MRPC1TOR25P5_COS		-760.55	-30.91	-98.08	9.09	71.39	-13.75	-22.03	-0.26	-7.57	4.92	14.09	6.62	-6.54	-4.85	0.91	-0.55
MRPC1TOR25P5_SIN		0.00	134.70	-57.30	-223.37	63.87	5.22	4.05	-27.50	-22.19	13.39	-5.94	14.34	-5.07	-2.97	-2.00	4.83
MRPLK1LOAD_COS		-84.17	0.50	-8.48	1.51	9.99	-1.12	-2.80	1.47	-0.85	0.44	2.01	0.60	-1.00	-0.56	0.45	-0.42
MRPLK1LOAD_SIN		0.00	-11.66	-4.57	-30.66	7.02	1.05	-0.08	-3.03	-3.00	2.06	-0.53	2.11	-1.22	-0.71	-0.68	1.06
PITCHRH_COS		8148.64	-8518.79	-302.76	-25.18	-100.78	648.72	-97.40	-83.72	153.54	-118.15	160.59	-61.93	14.48	60.80	-31.64	-475.86
PITCHRH_SIN		0.00	2461.99	-602.23	52.22	-57.22	460.73	-89.07	129.48	59.17	-141.36	-239.93	75.21	-32.41	80.98	-30.15	110.92
ROLLRH_COS		2549.43	-2078.74	766.88	-6.67	-297.79	-1546.64	-80.78	-130.74	142.83	130.46	402.92	-43.50	-18.51	5.17	-7.33	-383.59
ROLLRH_SIN		0.00	-8107.50	-531.42	1.68	181.35	1595.05	-165.68	-52.17	37.76	-54.39	-153.26	-48.62	-9.26	-35.61	-3.88	-535.81
TORQ_COS		31835.83	391.56	-3.45	33.90	-8.93	-9.65	3.81	11.22	-18.79	-2.87	-0.02	-1.64	5.21	-3.21	-3.40	12.37
TORQ_SIN		0.00	650.65	-24.55	23.64	-77.35	50.98	5.97	36.36	-1.60	-6.75	35.71	5.93	-3.91	4.19	-9.34	-16.46
THRUST_COS		5849.53	-66.32	17.02	7.83	10.66	-1.75	2.87	24.40	-3.70	-3.92	-27.41	-0.75	1.71	-0.46	3.53	-0.79
THRUST_SIN		0.00	-49.51	11.61	-2.37	28.63	-42.55	4.99	15.08	0.60	5.71	54.43	-4.44	0.92	-1.52	-6.90	38.36

RUN	POINT	Harmonics															
49	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.51	28.52	-20.05	1.10	2.21	8.65	8.96	1.53	-3.87	-6.20	-15.31	1.80	1.13	-0.41	-0.01	12.29
SIDERH_SIN		0.00	165.26	13.45	4.71	-73.32	-222.61	7.43	1.67	-1.23	2.28	6.80	3.35	-0.09	1.67	0.13	15.29
DRAGRH_COS		-204.27	221.53	9.23	-2.43	-5.94	139.22	-12.56	-0.56	-4.27	7.08	-3.67	6.02	-3.78	-3.39	1.66	22.03
DRAGRH_SIN		0.00	-60.06	17.52	2.24	16.41	167.78	-1.70	-1.87	1.15	9.28	4.47	-5.69	0.40	-2.87	-0.01	-6.52

RUN	POINT	Harmonics															
49	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	-0.01	0.01	0.02	0.02	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.32	1.23	-1.79	6.24	-0.95	-1.56	0.11	0.71	-0.19	-0.19	-0.27	0.04	0.11	0.33	-0.05	-0.39
ACT1FORCE_SIN		0.00	13.51	1.21	-1.43	2.34	-0.09	-0.74	1.00	0.34	-1.82	-0.26	-0.01	0.52	0.42	0.03	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.30	-11.88	8.78	-102.84	6.75	13.04	0.18	0.45	-0.06	0.02	0.00	-0.10	-0.03	-0.10	-0.03	-0.06
FA1IBVOLTAGE_SIN		0.00	-78.08	-11.51	-281.40	-10.68	2.49	4.49	-0.18	0.09	-0.19	-0.10	0.01	0.08	0.07	0.01	-0.14
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.62	12.05	-8.71	103.98	-6.63	-13.13	0.15	-0.51	-0.06	-0.03	-0.04	0.09	0.00	0.10	0.03	0.06
FA1OBVOLTAGE_SIN		0.00	78.24	11.44	281.83	11.09	-2.31	-3.76	0.27	-0.09	0.18	0.12	-0.01	-0.03	-0.08	-0.04	0.12
MRBLD1CB42P75_COS		-3991.94	-1699.32	84.88	166.87	-79.75	-27.53	-44.37	-64.20	39.09	39.43	36.04	37.17	0.25	-13.37	-37.36	-10.81
MRBLD1CB42P75_SIN		0.00	-87.36	-22.91	-29.64	191.54	-3.34	17.27	-74.47	-15.49	-23.91	-102.28	41.39	4.43	1.00	18.14	-15.38

RUN	POINT	Harmonics															
49	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2786.24	-1063.38	324.20	91.19	-83.60	-19.83	-45.36	-50.39	31.74	38.98	10.55	24.75	2.25	-5.26	-24.14	-7.16
MRBLD1CB70_SIN		0.00	-51.66	-30.29	-1.49	333.00	37.08	108.82	-28.79	-8.62	-19.17	-53.51	19.34	1.94	1.04	12.49	-14.37
MRBLD1CB120_COS		-557.78	-441.58	437.48	84.98	-42.85	3.79	-42.47	-24.59	-33.84	-19.00	2.31	-9.58	4.24	8.75	0.35	0.75
MRBLD1CB120_SIN		0.00	84.81	-109.28	-39.63	338.03	54.20	150.08	3.45	5.59	-19.51	52.56	-14.90	6.36	6.11	-4.23	-10.40
MRBLD1CB164_COS		-1976.14	-132.16	133.24	18.25	-41.18	-3.10	-2.15	13.15	-37.22	-22.82	10.93	-7.72	3.95	3.28	12.85	0.07
MRBLD1CB164_SIN		0.00	76.60	-37.52	-38.63	160.17	29.90	60.78	18.78	-4.24	-23.53	38.12	-5.24	9.11	1.86	-3.00	14.64
MRBLD1FB42P75_COS		3108.53	282.83	-361.73	298.48	12.05	-55.50	-100.75	-255.61	-81.90	-75.34	18.35	77.12	34.88	9.71	-23.20	-62.10
MRBLD1FB42P75_SIN		0.00	21.15	-39.04	3.98	313.27	100.25	45.40	-111.00	-21.99	-95.84	-150.29	5.92	-0.20	12.05	77.48	-11.37
MRBLD1FB70_COS		423.70	-3.87	-174.35	78.34	-10.17	-11.85	-13.65	-33.95	1.88	0.83	0.09	0.35	-2.59	-3.01	5.78	14.89
MRBLD1FB70_SIN		0.00	-191.49	1.17	-19.19	91.22	10.76	12.29	-14.24	2.05	-0.34	-0.04	3.57	5.22	-0.30	-16.16	2.42
MRBLD1FB87_COS		-68.61	24.19	-154.67	15.30	-24.05	-21.56	-7.23	23.05	13.05	16.10	0.13	-16.64	-3.42	-0.62	0.58	8.00
MRBLD1FB87_SIN		0.00	-187.07	25.45	14.57	46.15	3.28	-3.23	7.17	-1.31	14.62	33.55	-2.40	2.05	1.86	-14.50	1.19
MRBLD1FB120_COS		-464.78	21.10	-247.42	-18.04	-1.02	-11.95	18.92	47.71	-1.28	-2.69	-6.36	4.65	3.60	1.11	-3.51	-11.62
MRBLD1FB120_SIN		0.00	-243.43	64.33	60.09	31.38	5.04	-19.79	18.91	-4.03	0.89	-9.29	-1.39	-7.78	-4.40	20.42	-1.36
MRBLD1FB164_COS		-150.64	48.56	-276.22	24.21	54.87	48.58	-5.31	-76.17	0.38	8.81	5.16	-6.54	-1.98	2.05	7.42	7.69
MRBLD1FB164_SIN		0.00	-294.25	32.33	273.17	-91.21	-24.30	11.06	-26.77	-3.69	1.15	21.06	-4.40	0.97	2.78	-10.02	0.93

RUN	POINT	Harmonics															
49	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-200.87	-7.26	-137.25	11.22	36.75	42.44	-23.41	-73.96	20.80	29.40	-5.48	-26.99	13.18	13.14	-8.28	-18.82
MRBLD1FB180_SIN		0.00	-203.87	30.49	212.14	-58.51	-15.32	26.41	-4.32	-11.81	-11.50	58.29	0.59	-7.95	-9.72	26.73	0.79
MRBLD1TOR51_COS		-1406.91	64.66	45.07	-2.39	-79.48	0.55	12.55	-7.15	7.17	-0.81	-7.06	-2.14	5.67	3.85	-9.34	-4.68
MRBLD1TOR51_SIN		0.00	-82.48	19.94	222.05	-36.30	2.13	-3.74	4.66	12.83	-15.75	-0.87	-6.30	3.53	3.81	4.02	-7.84
MRBLD1TOR71_COS		-256.18	83.38	30.20	-12.44	-65.77	7.74	19.45	0.78	7.01	-2.62	-8.93	-4.20	4.63	5.52	-5.55	-4.29
MRBLD1TOR71_SIN		0.00	-80.89	13.31	200.27	-51.84	0.55	-1.86	15.39	16.43	-7.89	5.59	-6.07	1.18	2.94	3.19	-4.35
MRBLD1TOR130_COS		-25.20	70.62	49.67	-18.74	-52.21	7.54	16.67	-3.11	4.98	-0.86	5.66	1.90	0.66	0.04	0.63	-0.88
MRBLD1TOR130_SIN		0.00	-67.64	7.88	197.82	-51.04	0.68	1.69	6.49	10.51	-5.35	0.06	9.01	2.87	0.59	-0.74	4.04
MRBLD1TOR164_COS		-219.61	38.04	79.62	-18.86	-43.62	-4.99	1.11	-0.75	7.80	3.64	0.65	0.10	1.23	1.88	0.76	0.29
MRBLD1TOR164_SIN		0.00	-27.66	6.24	109.95	-16.46	2.52	8.17	8.13	2.58	2.03	6.02	6.08	1.26	-1.18	-1.20	0.47
MRFBM1CB26P5_COS		-4700.71	-734.77	-6.44	63.50	7.05	-0.21	-1.82	-5.79	-0.43	-1.37	7.64	2.40	0.92	-0.78	-4.96	-1.85
MRFBM1CB26P5_SIN		0.00	-128.04	7.64	-16.30	-33.87	-14.12	-25.41	-14.02	-3.74	-4.32	-11.10	3.30	0.66	0.71	0.94	-3.41
MRFBM1FB9_COS		301.25	52.18	115.08	-60.84	19.71	13.14	11.95	5.50	0.09	-2.21	-4.96	-0.78	-0.19	0.68	2.33	-0.60
MRFBM1FB9_SIN		0.00	-38.02	41.82	-32.44	-40.84	-4.29	5.37	13.66	3.24	3.39	2.70	-2.60	-1.07	-0.03	0.53	1.81
MRFBM1TOR26P5_COS		-350.29	80.39	-0.27	0.01	-1.52	0.22	0.12	0.01	0.21	0.07	-0.12	-0.04	0.03	0.00	0.05	0.04
MRFBM1TOR26P5_SIN		0.00	-105.74	0.43	1.32	-0.94	-0.38	0.12	0.06	0.25	-0.10	0.09	-0.17	0.08	0.08	-0.01	-0.03

RUN	POINT	Harmonics															
49	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1035.99	-1538.54	7.62	183.04	-47.39	-26.04	-41.66	-62.81	15.26	16.97	35.76	30.55	3.96	-7.74	-35.18	-10.68
MRPC1CB33P25_SIN		0.00	-28.50	-11.82	-39.69	102.36	-12.16	-9.63	-78.05	-20.36	-32.91	-80.78	32.40	5.55	4.61	15.81	-19.22
MRPC1FB33P25_COS		2271.49	210.40	-314.77	245.73	-65.11	-77.94	-94.03	-155.10	-47.74	-2.59	98.20	51.15	24.19	-4.13	-81.75	-25.54
MRPC1FB33P25_SIN		0.00	185.05	-95.03	52.07	272.46	65.97	2.42	-190.99	-56.48	-108.87	-99.33	52.40	23.80	15.96	26.65	-60.98
MRPC1TOR25P5_COS		-756.87	-36.01	-99.20	13.08	74.52	-12.42	-21.50	-3.17	-9.19	4.22	14.32	7.09	-6.27	-4.86	-1.02	-1.22
MRPC1TOR25P5_SIN		0.00	133.80	-63.53	-220.67	61.20	3.04	6.36	-15.81	-19.47	14.11	-5.65	15.87	-3.83	-2.33	-1.85	4.12
MRPLK1LOAD_COS		-83.53	0.49	-8.73	2.09	10.46	-1.01	-2.61	0.99	-1.09	0.28	2.12	0.60	-0.93	-0.59	0.04	-0.41
MRPLK1LOAD_SIN		0.00	-11.41	-4.97	-30.22	6.79	0.86	0.27	-1.30	-2.62	2.18	-0.44	2.30	-1.08	-0.63	-0.73	0.93
PITCHRH_COS		8891.54	-8523.93	-286.60	-23.74	-122.28	583.29	-106.05	-73.44	115.00	-81.27	162.91	-73.62	20.72	27.85	-40.19	-421.25
PITCHRH_SIN		0.00	2455.04	-603.02	53.21	-88.90	675.05	-121.69	108.52	71.40	-135.41	-230.20	69.63	-30.11	73.84	-31.14	152.98
ROLLRH_COS		2322.54	-2061.92	772.34	5.63	-334.27	-1771.38	-106.73	-116.04	111.09	150.72	409.36	-41.94	-14.17	-24.35	-24.12	-418.14
ROLLRH_SIN		0.00	-8085.28	-527.06	-4.36	169.56	1489.50	-200.93	-59.51	20.23	-29.28	-161.05	-45.92	-14.24	-13.66	1.91	-442.89
TORQ_COS		32486.67	414.09	-3.51	30.78	-35.39	-10.41	2.09	2.80	-23.32	-1.75	-3.72	-0.39	5.45	-1.90	-4.53	12.35
TORQ_SIN		0.00	677.60	-22.87	22.12	-83.23	58.98	5.36	37.12	-3.07	-6.95	34.61	3.49	-7.63	6.74	-9.00	-17.68
THRUST_COS		5735.52	-65.22	16.93	8.44	13.19	5.62	3.29	18.04	-1.28	-4.61	-28.60	0.35	1.57	1.07	1.83	4.75
THRUST_SIN		0.00	-49.85	12.20	-1.71	32.40	-42.21	6.59	16.69	-0.87	6.32	56.05	-4.58	0.10	-1.94	-6.05	37.27

RUN	POINT	Harmonics															
49	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.38	24.16	-20.55	0.05	3.40	28.73	8.06	1.74	-2.45	-6.87	-15.63	1.83	1.07	0.54	0.68	13.24
SIDERH_SIN		0.00	159.86	14.21	4.42	-79.78	-226.47	9.32	1.86	-1.12	1.51	7.03	3.18	0.12	0.93	-0.02	12.49
DRAGRH_COS		-200.23	221.15	9.00	-2.19	-9.49	120.35	-12.62	-2.03	-3.98	3.08	-2.95	6.55	-3.28	-1.51	1.69	18.99
DRAGRH_SIN		0.00	-59.54	18.25	2.47	18.24	168.08	-0.88	-3.99	-0.94	9.06	2.82	-5.09	1.27	-3.24	0.09	-8.19

RUN	POINT	Harmonics															
49	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.01	-0.02	0.00	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.07	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.62	1.24	-1.81	6.28	-0.89	-1.65	0.01	0.72	-0.11	-0.17	-0.30	0.02	0.13	0.36	0.05	-0.41
ACT1FORCE_SIN		0.00	13.42	1.17	-1.51	2.41	-0.03	-0.85	0.99	0.32	-1.75	-0.22	-0.01	0.45	0.39	0.02	0.06
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.43	-11.83	8.23	-104.08	6.11	14.01	1.03	0.39	-0.01	0.06	-0.03	-0.07	-0.11	-0.08	-0.06	-0.04
FA1IBVOLTAGE_SIN		0.00	-77.28	-10.96	-280.89	-11.41	2.08	5.37	-0.21	0.01	-0.16	0.04	0.02	0.04	0.04	-0.04	-0.15
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.48	12.00	-8.17	105.19	-5.98	-14.09	-0.70	-0.44	-0.12	-0.08	-0.01	0.04	0.08	0.08	0.05	0.04
FA1OBVOLTAGE_SIN		0.00	77.44	10.90	281.34	11.82	-1.91	-4.63	0.29	0.00	0.15	-0.02	-0.03	0.01	-0.05	0.02	0.12
MRBLD1CB42P75_COS		-4037.08	-1659.40	88.42	162.31	-76.86	-26.94	-44.25	-56.18	36.28	36.48	27.88	39.32	-1.51	-17.93	-40.33	-7.30
MRBLD1CB42P75_SIN		0.00	-14.99	-18.80	-41.47	212.25	-7.26	14.85	-70.86	-13.72	-26.71	-103.43	36.22	0.63	-2.64	7.75	-14.05

RUN	POINT	Harmonics															
49	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2760.36	-1037.09	331.21	87.32	-86.88	-22.19	-39.10	-43.76	30.79	38.41	4.01	27.13	3.02	-7.22	-25.55	-3.22
MRBLD1CB70_SIN		0.00	-6.60	-27.30	-11.27	358.77	22.96	117.11	-28.80	-7.24	-20.41	-53.93	17.14	-0.52	-0.25	6.84	-12.35
MRBLD1CB120_COS		-560.91	-428.32	443.93	83.58	-38.14	-2.21	-31.89	-18.90	-34.49	-17.28	6.23	-10.93	5.11	10.29	2.29	1.89
MRBLD1CB120_SIN		0.00	102.53	-109.32	-47.76	364.27	37.31	169.95	3.17	6.02	-14.20	53.32	-11.48	8.45	7.55	-3.38	-9.29
MRBLD1CB164_COS		-1975.25	-128.10	134.98	17.01	-38.64	-6.23	1.93	14.04	-36.67	-22.91	15.63	-10.66	2.32	3.63	13.38	-1.97
MRBLD1CB164_SIN		0.00	81.70	-37.54	-42.03	171.55	20.94	70.35	17.17	-5.05	-20.53	37.86	-3.86	10.34	2.37	-0.11	12.84
MRBLD1FB42P75_COS		3131.55	270.17	-364.02	282.92	65.90	-55.07	-95.81	-232.28	-89.03	-75.37	15.96	73.62	28.34	0.32	-43.56	-53.46
MRBLD1FB42P75_SIN		0.00	6.63	-41.50	-16.35	335.15	96.97	39.13	-117.62	-23.56	-94.01	-155.16	2.56	0.32	12.46	67.50	-16.85
MRBLD1FB70_COS		426.35	-2.84	-176.84	73.10	4.88	-12.15	-13.65	-30.46	0.25	-0.18	-1.16	-0.74	-3.16	-2.09	9.71	12.96
MRBLD1FB70_SIN		0.00	-190.39	0.48	-27.26	99.67	9.88	12.31	-14.71	3.20	0.89	1.27	4.23	5.14	-0.66	-14.07	3.96
MRBLD1FB87_COS		-69.14	23.39	-157.89	11.12	-19.38	-22.38	-8.07	21.17	14.19	16.72	1.68	-15.23	-1.77	1.43	5.29	6.92
MRBLD1FB87_SIN		0.00	-186.24	26.52	11.77	51.12	4.16	-1.50	8.77	-0.14	14.52	34.60	-1.21	2.05	0.89	-13.70	1.31
MRBLD1FB120_COS		-467.15	20.98	-248.50	-23.66	-4.94	-12.69	17.08	41.84	-0.27	-2.63	-6.62	4.00	2.50	-1.00	-10.24	-10.04
MRBLD1FB120_SIN		0.00	-243.74	65.12	57.26	27.83	4.13	-21.26	18.00	-6.86	-1.59	-11.31	-3.02	-8.02	-3.27	18.93	-1.91
MRBLD1FB164_COS		-151.17	45.07	-274.22	15.04	39.96	50.77	-2.54	-67.57	-3.30	7.92	5.06	-6.19	-1.81	2.45	9.62	6.36
MRBLD1FB164_SIN		0.00	-299.02	32.94	270.88	-109.07	-20.48	11.83	-24.77	-0.82	2.07	22.45	-2.73	1.96	2.63	-8.71	1.26

RUN	POINT	Harmonics															
49	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.16	-10.66	-136.11	6.52	27.49	43.89	-21.76	-66.98	18.12	27.76	-5.00	-26.08	14.58	11.57	-15.70	-16.20
MRBLD1FB180_SIN		0.00	-207.33	30.68	211.60	-69.13	-13.67	27.21	-2.86	-9.34	-12.87	58.33	1.77	-6.07	-6.90	25.44	0.61
MRBLD1TOR51_COS		-1405.09	66.29	45.05	-1.97	-75.13	1.26	10.15	-2.55	8.45	-0.40	-8.08	-2.53	5.64	3.69	-9.76	-4.22
MRBLD1TOR51_SIN		0.00	-81.01	19.21	218.84	-34.03	2.22	-5.97	2.98	13.25	-14.70	-0.02	-6.10	3.34	3.58	2.73	-6.26
MRBLD1TOR71_COS		-254.62	84.41	29.81	-11.39	-62.99	8.50	17.37	3.93	8.43	-2.14	-9.54	-4.48	4.87	5.59	-5.64	-4.10
MRBLD1TOR71_SIN		0.00	-80.57	12.48	198.14	-51.46	1.02	-3.99	13.77	16.95	-7.08	6.52	-5.59	1.40	3.25	2.49	-3.32
MRBLD1TOR130_COS		-24.14	71.37	49.21	-17.72	-51.33	8.34	15.63	-0.65	5.34	-0.89	5.18	1.58	0.31	-0.18	1.13	-0.79
MRBLD1TOR130_SIN		0.00	-67.03	7.51	196.92	-52.35	1.48	0.50	5.97	11.10	-4.71	0.48	9.10	2.71	0.48	-1.01	3.38
MRBLD1TOR164_COS		-219.64	38.92	79.50	-16.97	-42.11	-4.73	0.58	-0.11	7.86	3.63	0.73	0.28	1.29	1.24	0.20	0.62
MRBLD1TOR164_SIN		0.00	-26.62	5.96	110.72	-14.11	2.02	7.47	7.78	3.16	1.57	5.76	6.21	1.80	-0.85	-2.32	-0.28
MRFBM1CB26P5_COS		-4734.21	-713.22	-6.00	63.57	8.59	0.59	-3.10	-4.98	-0.46	-1.47	8.17	2.60	0.52	-1.07	-5.09	-1.46
MRFBM1CB26P5_SIN		0.00	-89.46	8.37	-17.91	-34.80	-11.37	-27.99	-13.07	-3.48	-4.31	-11.47	2.93	0.67	0.27	-0.60	-3.30
MRFBM1FB9_COS		321.51	20.56	115.25	-57.83	15.27	13.07	12.28	4.29	0.28	-2.22	-5.06	-0.96	-0.14	0.64	1.99	-0.74
MRFBM1FB9_SIN		0.00	-51.66	42.15	-26.50	-46.66	-3.63	4.98	12.95	3.48	3.33	2.72	-2.58	-0.87	0.28	1.05	1.56
MRFBM1TOR26P5_COS		-350.21	80.33	-0.23	-0.04	-1.56	0.24	0.03	0.04	0.20	0.07	-0.14	-0.06	0.02	0.00	0.04	0.03
MRFBM1TOR26P5_SIN		0.00	-106.03	0.42	1.30	-0.91	-0.44	0.12	0.05	0.24	-0.08	0.10	-0.17	0.07	0.07	0.03	-0.01

RUN	POINT	Harmonics															
49	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1068.95	-1503.98	10.67	179.30	-38.08	-24.58	-42.73	-54.72	13.11	15.19	31.99	31.38	2.00	-11.80	-37.75	-7.33
MRPC1CB33P25_SIN		0.00	31.39	-7.58	-49.94	115.06	-12.08	-13.68	-75.12	-19.74	-34.16	-82.38	28.44	3.04	1.49	5.84	-17.65
MRPC1FB33P25_COS		2291.75	199.79	-314.93	236.27	-26.65	-76.51	-86.70	-135.16	-52.43	-4.01	98.93	51.99	20.14	-10.50	-85.92	-16.03
MRPC1FB33P25_SIN		0.00	171.24	-96.97	33.33	303.58	63.13	0.37	-185.76	-60.93	-106.94	-105.10	47.58	20.03	9.51	4.19	-56.82
MRPC1TOR25P5_COS		-759.06	-38.92	-97.34	12.29	70.53	-13.40	-17.82	-7.03	-10.70	3.77	15.21	7.97	-6.23	-5.52	-0.66	0.00
MRPC1TOR25P5_SIN		0.00	132.26	-63.47	-217.64	61.68	2.12	8.83	-13.75	-19.78	12.95	-6.98	15.11	-3.73	-2.18	-3.94	1.83
MRPLK1LOAD_COS		-83.80	0.43	-8.70	2.03	9.83	-1.12	-2.16	0.40	-1.23	0.24	2.28	0.80	-0.87	-0.66	0.23	-0.31
MRPLK1LOAD_SIN		0.00	-11.59	-4.86	-29.76	6.67	0.87	0.53	-1.00	-2.65	1.95	-0.62	2.29	-1.00	-0.53	-0.99	0.55
PITCHRH_COS		9374.54	-8544.42	-296.59	-12.51	-130.66	748.86	-126.15	-57.01	139.19	-82.16	154.37	-45.67	15.83	38.13	-49.37	-455.29
PITCHRH_SIN		0.00	2456.22	-606.38	65.15	-90.55	765.04	-49.03	75.93	73.83	-144.27	-235.45	66.70	-47.72	63.00	-34.95	81.30
ROLLRH_COS		2625.52	-2076.40	754.00	9.14	-322.41	-1893.70	-141.94	-119.26	120.61	131.51	410.64	-37.36	-22.92	-12.55	-30.47	-340.33
ROLLRH_SIN		0.00	-8096.72	-520.16	-10.20	143.38	1758.52	-149.09	-86.41	29.20	-29.36	-142.70	-33.59	-11.99	15.84	21.36	-496.04
TORQ_COS		31958.48	394.61	-7.94	30.52	-25.30	-17.91	3.12	2.62	-23.96	-2.17	-5.49	-0.33	6.51	-2.89	-4.22	19.24
TORQ_SIN		0.00	682.00	-23.94	21.57	-87.51	55.30	3.82	33.23	-4.70	-6.52	34.75	5.37	-6.91	4.71	-9.98	-18.58
THRUST_COS		5800.78	-65.91	17.57	7.16	12.21	2.75	3.61	16.96	-1.36	-3.97	-29.75	0.17	2.13	0.04	0.86	0.84
THRUST_SIN		0.00	-48.93	11.99	1.57	32.42	-40.29	7.67	16.93	-0.02	5.34	53.84	-4.03	1.20	-1.59	-7.97	33.54

RUN	POINT	Harmonics															
49	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.82	31.29	-20.15	-0.10	3.66	20.96	10.74	1.41	-3.47	-6.17	-15.90	1.75	1.25	0.17	0.86	10.89
SIDERH_SIN		0.00	158.78	13.36	3.95	-73.01	-245.63	12.47	1.40	-1.65	1.28	6.23	2.47	-0.23	-0.06	-0.75	14.09
DRAGRH_COS		-196.04	221.38	10.49	-2.28	-5.68	146.18	-7.75	-1.00	-5.09	3.06	-4.38	4.71	-3.84	-1.52	2.31	20.66
DRAGRH_SIN		0.00	-59.83	18.34	2.20	18.76	168.76	-2.70	-3.48	-1.26	9.74	3.62	-5.67	3.12	-2.10	0.74	-4.66

RUN	POINT	Harmonics															
49	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.02	-0.01	0.00	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	-0.01	0.01	0.02	0.02	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.57	1.20	-1.94	6.22	-1.00	-1.69	0.12	0.71	-0.12	-0.19	-0.26	-0.02	0.09	0.35	0.02	-0.44
ACT1FORCE_SIN		0.00	13.49	1.20	-1.47	2.37	-0.05	-0.82	1.03	0.33	-1.80	-0.18	-0.03	0.45	0.39	0.04	0.01
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.94	-11.58	9.66	-102.73	7.07	14.08	0.23	0.45	-0.03	-0.05	-0.07	-0.09	-0.11	-0.06	0.00	-0.06
FA1IBVOLTAGE_SIN		0.00	-78.03	-11.57	-281.58	-11.27	2.12	5.18	-0.15	0.06	-0.15	-0.01	0.02	0.04	0.04	-0.02	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.95	11.74	-9.58	103.85	-6.94	-14.17	0.09	-0.51	-0.09	0.04	0.03	0.06	0.08	0.07	-0.01	0.06
FA1OBVOLTAGE_SIN		0.00	78.19	11.50	282.02	11.69	-1.94	-4.45	0.24	-0.06	0.14	0.03	-0.03	0.01	-0.07	0.00	0.08
MRBLD1CB42P75_COS		-4037.14	-1668.12	95.83	166.04	-83.79	-31.09	-45.46	-62.16	40.10	35.55	31.50	38.25	-0.61	-16.24	-38.09	-5.57
MRBLD1CB42P75_SIN		0.00	0.47	-19.07	-40.42	218.02	-1.39	16.05	-82.52	-7.52	-21.00	-113.32	44.92	2.88	-0.70	6.80	-14.56

RUN	POINT	Harmonics															
49	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2763.27	-1044.81	335.81	91.21	-98.13	-28.26	-47.38	-47.56	33.32	36.89	3.78	25.03	3.11	-8.90	-23.56	-2.62
MRBLD1CB70_SIN		0.00	3.14	-24.33	-11.29	366.23	37.93	112.37	-35.93	-3.71	-16.06	-65.06	22.30	-0.18	-0.26	5.04	-13.84
MRBLD1CB120_COS		-558.45	-433.54	449.20	87.08	-54.57	-5.62	-45.03	-18.83	-32.00	-16.34	4.42	-11.31	3.83	8.60	1.97	2.15
MRBLD1CB120_SIN		0.00	108.21	-106.03	-49.41	369.61	54.09	157.44	-0.53	1.59	-17.13	62.18	-14.96	7.52	6.39	-3.94	-9.38
MRBLD1CB164_COS		-1975.39	-129.15	136.92	18.53	-45.66	-7.30	-3.39	16.29	-36.33	-20.54	14.19	-9.47	1.75	4.74	10.99	-3.78
MRBLD1CB164_SIN		0.00	83.12	-36.77	-43.31	172.59	28.65	64.47	19.56	-9.41	-23.58	50.46	-6.14	10.54	2.66	1.25	13.38
MRBLD1FB42P75_COS		3129.87	272.32	-358.31	288.50	35.83	-60.25	-101.63	-257.16	-79.04	-73.42	28.61	76.49	28.53	1.39	-46.14	-53.06
MRBLD1FB42P75_SIN		0.00	2.46	-44.81	-26.90	331.85	104.64	39.15	-132.72	-24.86	-93.22	-145.61	9.96	6.23	13.12	63.18	-21.50
MRBLD1FB70_COS		425.70	-1.20	-174.56	75.70	-3.22	-12.68	-13.97	-34.22	2.38	0.55	-0.99	-0.45	-2.43	-1.37	10.57	12.67
MRBLD1FB70_SIN		0.00	-189.95	-1.22	-30.85	98.89	12.14	11.99	-17.56	2.96	1.01	0.61	3.44	3.99	-0.86	-12.73	5.16
MRBLD1FB87_COS		-69.83	24.60	-157.16	12.62	-22.20	-22.25	-6.95	23.70	13.39	16.76	-0.78	-16.49	-2.62	0.49	5.51	6.56
MRBLD1FB87_SIN		0.00	-186.55	25.14	9.74	50.29	4.16	-2.14	9.92	-0.09	14.70	33.98	-2.31	1.27	1.06	-12.30	2.57
MRBLD1FB120_COS		-467.65	23.08	-250.15	-22.22	-3.51	-11.92	19.17	47.39	-2.74	-3.80	-6.61	4.29	2.52	-1.06	-11.57	-10.14
MRBLD1FB120_SIN		0.00	-245.46	63.84	54.86	28.42	3.58	-20.53	22.54	-6.35	-2.12	-11.64	-2.83	-7.32	-3.45	16.64	-4.13
MRBLD1FB164_COS		-150.94	46.16	-278.68	15.43	46.83	51.00	-6.08	-76.49	1.14	9.28	5.18	-6.27	-1.36	2.45	10.85	6.96
MRBLD1FB164_SIN		0.00	-298.90	31.54	267.51	-102.23	-26.02	11.02	-33.12	-2.42	3.59	22.64	-2.90	1.36	2.92	-7.71	2.08

RUN	POINT	Harmonics															
49	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-200.58	-9.73	-138.73	6.25	31.67	44.15	-24.26	-75.02	21.24	30.27	-7.84	-27.40	13.10	9.96	-18.07	-16.78
MRBLD1FB180_SIN		0.00	-207.19	29.64	210.20	-65.48	-17.52	25.53	-11.18	-10.04	-11.23	58.75	1.14	-5.24	-6.87	22.81	-1.61
MRBLD1TOR51_COS		-1405.27	66.37	46.35	-1.08	-77.16	1.20	10.60	-7.89	9.52	-0.41	-7.98	-3.11	4.76	3.03	-9.73	-3.73
MRBLD1TOR51_SIN		0.00	-80.10	19.10	218.52	-33.83	4.27	-6.88	1.21	14.05	-14.01	-0.23	-5.97	3.35	3.27	1.23	-7.72
MRBLD1TOR71_COS		-254.78	84.79	31.03	-10.71	-63.64	8.75	17.94	-0.46	8.85	-2.22	-9.71	-4.97	4.32	4.93	-5.61	-3.70
MRBLD1TOR71_SIN		0.00	-79.97	12.19	198.03	-51.07	2.48	-4.63	13.18	17.17	-6.69	6.18	-5.93	1.31	2.91	1.54	-4.23
MRBLD1TOR130_COS		-24.23	71.60	50.13	-17.55	-50.87	8.45	15.76	-4.01	6.05	-1.11	5.41	1.06	0.39	-0.05	1.22	-1.18
MRBLD1TOR130_SIN		0.00	-66.74	7.40	197.17	-51.61	2.22	-0.20	5.07	11.28	-4.45	0.99	9.29	2.89	0.58	-0.21	4.15
MRBLD1TOR164_COS		-219.70	38.79	79.93	-17.26	-42.65	-5.29	0.78	-1.60	7.85	3.60	0.19	-0.10	1.09	1.29	0.55	0.83
MRBLD1TOR164_SIN		0.00	-26.39	6.16	111.18	-14.83	3.37	7.26	8.26	3.31	1.79	5.81	6.03	1.82	-1.03	-1.98	0.56
MRFBM1CB26P5_COS		-4734.54	-720.64	-2.37	63.78	9.63	1.25	-1.62	-5.84	-0.28	-1.60	8.96	2.70	0.22	-0.52	-5.21	-1.04
MRFBM1CB26P5_SIN		0.00	-85.12	8.15	-16.81	-32.73	-13.83	-26.71	-14.85	-3.03	-4.44	-10.11	3.40	1.06	0.36	-0.84	-3.27
MRFBM1FB9_COS		320.60	23.62	110.88	-60.23	18.45	13.67	12.22	4.68	-0.07	-2.23	-5.10	-0.63	0.00	0.73	1.93	-0.84
MRFBM1FB9_SIN		0.00	-55.52	42.82	-25.03	-44.80	-4.52	5.52	14.37	3.02	3.11	2.40	-2.84	-0.96	0.19	1.14	1.53
MRFBM1TOR26P5_COS		-350.15	80.50	-0.20	-0.04	-1.54	0.25	0.05	0.01	0.19	0.07	-0.15	-0.04	0.02	0.00	0.03	0.03
MRFBM1TOR26P5_SIN		0.00	-105.96	0.40	1.31	-0.91	-0.38	0.09	0.02	0.27	-0.08	0.08	-0.18	0.07	0.08	0.00	-0.03

RUN	POINT	Harmonics															
49	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1072.13	-1508.51	17.75	181.92	-42.91	-27.35	-42.45	-60.92	16.90	14.89	34.75	30.69	1.81	-10.40	-36.53	-5.25
MRPC1CB33P25_SIN		0.00	47.54	-9.69	-48.84	119.17	-10.89	-12.35	-85.50	-15.67	-31.10	-84.23	34.47	5.10	2.76	4.53	-18.41
MRPC1FB33P25_COS		2289.74	201.06	-309.91	242.90	-51.27	-83.71	-92.29	-147.58	-44.20	-2.68	103.13	48.79	15.81	-10.57	-83.32	-11.41
MRPC1FB33P25_SIN		0.00	167.84	-99.37	25.84	294.07	68.30	-1.75	-207.31	-57.24	-105.18	-91.15	54.86	23.85	10.49	-1.60	-58.83
MRPC1TOR25P5_COS		-759.34	-39.10	-98.29	11.37	71.40	-14.00	-19.20	-1.55	-11.55	3.10	15.58	8.26	-5.72	-5.09	0.31	-0.06
MRPC1TOR25P5_SIN		0.00	130.90	-63.38	-217.36	60.98	0.17	9.46	-12.74	-20.62	12.59	-7.10	15.87	-3.58	-2.34	-2.47	4.29
MRPLK1LOAD_COS		-83.72	0.43	-8.84	1.93	10.01	-1.18	-2.24	1.13	-1.37	0.18	2.33	0.74	-0.79	-0.63	0.38	-0.31
MRPLK1LOAD_SIN		0.00	-11.69	-4.88	-29.68	6.58	0.54	0.67	-0.75	-2.79	1.88	-0.54	2.33	-0.99	-0.63	-0.69	0.99
PITCHRH_COS		9340.55	-8544.00	-283.00	-5.54	-120.35	684.77	-54.82	-113.20	143.93	-73.06	139.98	-59.97	21.49	48.62	-36.79	-431.89
PITCHRH_SIN		0.00	2451.99	-616.11	60.23	-128.95	831.39	-108.26	80.03	53.63	-134.13	-236.77	77.16	-37.10	36.87	-38.77	51.51
ROLLRH_COS		2709.10	-2110.88	774.80	22.59	-311.02	-1940.87	-120.22	-128.54	116.17	144.49	414.87	-43.44	-29.37	-26.53	-46.73	-321.57
ROLLRH_SIN		0.00	-8078.11	-529.63	-6.23	113.12	1609.55	-186.15	-50.15	26.31	-29.39	-133.12	-48.44	-8.98	-5.11	-4.40	-495.40
TORQ_COS		31975.54	383.87	-11.41	32.58	-24.78	-13.35	-1.09	4.59	-21.96	-1.13	-7.17	-2.34	6.88	-2.91	-3.45	17.36
TORQ_SIN		0.00	705.66	-24.65	22.04	-113.86	58.85	5.74	39.05	-6.92	-5.00	32.20	4.17	-5.01	4.80	-10.95	-16.44
THRUST_COS		5798.15	-63.62	17.11	6.78	11.57	5.82	3.69	20.23	-1.56	-3.85	-32.93	-1.18	2.12	-0.57	2.85	-0.12
THRUST_SIN		0.00	-50.64	11.75	-1.51	36.17	-44.34	6.82	18.96	0.26	4.90	49.49	-4.19	0.77	-0.69	-8.07	34.95

RUN	POINT	Harmonics															
49	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.48	35.12	-21.48	-0.80	6.73	33.67	11.16	2.36	-3.33	-6.71	-16.02	1.95	1.55	0.61	1.25	10.22
SIDERH_SIN		0.00	154.11	14.08	3.51	-70.83	-239.75	8.96	1.62	-1.34	1.72	5.99	3.17	-0.13	0.81	0.23	14.27
DRAGRH_COS		-196.94	220.85	9.45	-2.44	-7.64	128.21	-17.29	-2.51	-3.91	1.26	-2.18	5.27	-4.10	-1.17	1.81	19.89
DRAGRH_SIN		0.00	-60.26	17.97	2.04	17.35	170.57	-4.61	-5.10	-0.23	10.30	3.23	-5.21	1.80	-1.21	0.72	-3.36

RUN	POINT	Harmonics															
49	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.05	0.01	-0.01	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	0.02	-0.08	0.00	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.39	1.30	-1.46	6.23	-0.89	-1.58	0.06	0.82	-0.20	-0.16	-0.28	0.08	0.15	0.39	-0.01	-0.37
ACT1FORCE_SIN		0.00	13.36	1.19	-1.27	2.13	-0.06	-0.77	0.94	0.47	-1.78	-0.15	0.06	0.51	0.42	0.01	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.98	-11.73	5.70	-101.63	6.09	13.69	0.70	0.45	-0.06	-0.01	-0.04	-0.05	-0.08	-0.05	-0.05	-0.05
FA1IBVOLTAGE_SIN		0.00	-77.10	-10.88	-282.67	-9.33	2.52	4.39	-0.15	0.11	-0.13	0.02	-0.01	0.04	0.09	-0.04	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.93	11.90	-5.63	102.76	-5.98	-13.76	-0.37	-0.50	-0.06	-0.01	0.00	0.03	0.07	0.05	0.05	0.05
FA1OBVOLTAGE_SIN		0.00	77.25	10.81	283.11	9.73	-2.35	-3.65	0.23	-0.10	0.14	0.00	0.00	0.00	-0.10	0.02	0.04
MRBLD1CB42P75_COS		-4014.87	-1774.70	67.70	168.60	-78.44	-27.65	-43.16	-99.55	37.14	39.54	28.90	31.53	-1.72	-15.70	-48.20	-8.45
MRBLD1CB42P75_SIN		0.00	-114.09	-31.34	-21.43	178.09	-9.63	21.39	-74.93	-21.51	-18.79	-84.87	32.82	2.13	-0.95	15.07	-20.17

RUN	POINT	Harmonics															
49	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2771.67	-1108.85	315.87	90.00	-78.54	-22.92	-45.08	-76.33	28.42	38.85	10.95	20.33	0.76	-6.73	-33.57	-6.16
MRBLD1CB70_SIN		0.00	-74.53	-34.13	7.52	321.18	27.75	104.52	-21.78	-11.30	-12.42	-36.94	14.84	2.04	2.52	12.05	-17.98
MRBLD1CB120_COS		-561.75	-454.86	437.00	85.58	-39.79	0.69	-41.64	-38.03	-38.86	-20.90	4.35	-6.09	4.72	9.14	1.03	2.22
MRBLD1CB120_SIN		0.00	69.67	-109.23	-34.54	322.58	46.38	142.30	18.10	4.42	-22.67	45.67	-11.25	6.92	6.28	-4.93	-9.64
MRBLD1CB164_COS		-1977.49	-134.37	135.71	18.59	-39.46	-2.90	0.63	19.03	-39.72	-24.43	9.59	-4.72	4.19	4.56	19.47	-0.04
MRBLD1CB164_SIN		0.00	73.08	-37.47	-37.42	151.34	25.90	55.10	26.08	-3.71	-29.02	26.06	-1.65	9.20	1.34	-1.64	16.50
MRBLD1FB42P75_COS		3120.21	301.53	-378.44	307.30	2.12	-52.05	-93.17	-312.38	-91.86	-78.71	9.93	69.75	28.56	1.65	-40.88	-63.40
MRBLD1FB42P75_SIN		0.00	26.96	-37.61	21.45	270.83	93.21	60.69	-63.98	-24.13	-96.63	-131.65	2.93	2.87	16.05	91.47	-21.72
MRBLD1FB70_COS		425.89	-3.51	-180.23	80.64	-12.84	-11.59	-12.40	-45.31	0.04	0.16	-0.26	-0.40	-2.59	-1.75	9.59	15.00
MRBLD1FB70_SIN		0.00	-189.92	0.36	-13.69	77.39	8.12	14.81	-7.02	0.85	-0.42	0.36	3.25	4.26	-1.41	-18.98	4.73
MRBLD1FB87_COS		-67.72	24.68	-156.48	16.72	-24.90	-22.05	-7.44	27.81	14.17	16.73	1.74	-14.58	-2.01	0.90	4.76	9.21
MRBLD1FB87_SIN		0.00	-185.05	24.01	17.59	40.17	1.70	-4.74	2.64	-1.29	14.59	29.38	-1.12	1.83	0.84	-18.02	3.25
MRBLD1FB120_COS		-465.10	19.53	-250.05	-17.28	0.46	-11.73	19.06	64.19	2.25	-1.30	-5.74	4.56	2.93	-0.36	-9.09	-12.91
MRBLD1FB120_SIN		0.00	-238.91	62.34	64.99	34.06	5.00	-23.43	8.51	-2.39	1.52	-8.66	-1.85	-6.40	-2.27	25.73	-4.82
MRBLD1FB164_COS		-146.31	44.18	-288.93	27.32	56.50	51.12	-4.19	-98.97	-3.46	7.15	5.42	-5.56	-0.60	3.24	9.88	8.33
MRBLD1FB164_SIN		0.00	-288.68	30.09	282.36	-67.83	-15.37	18.07	-13.87	-6.26	-0.55	18.75	-2.67	0.23	1.99	-12.14	3.20

RUN	POINT	Harmonics															
49	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-196.77	-9.66	-145.76	13.51	38.65	45.13	-21.96	-95.00	18.20	30.37	-2.05	-23.56	14.17	12.81	-14.20	-19.88
MRBLD1FB180_SIN		0.00	-201.15	29.75	217.53	-42.94	-9.61	31.60	6.10	-14.48	-12.58	49.40	3.97	-4.24	-6.09	31.17	-4.75
MRBLD1TOR51_COS		-1406.60	62.67	41.56	-1.45	-78.53	0.14	11.12	-19.60	6.02	-0.27	-5.43	-1.94	5.05	3.30	-10.24	-1.92
MRBLD1TOR51_SIN		0.00	-81.93	18.93	222.70	-39.97	0.22	0.05	11.20	13.71	-15.01	-0.50	-4.92	4.25	4.16	3.70	-8.73
MRBLD1TOR71_COS		-255.36	82.18	27.53	-11.78	-65.00	7.10	17.67	-7.44	6.08	-2.04	-6.89	-3.53	4.51	5.26	-6.11	-2.39
MRBLD1TOR71_SIN		0.00	-79.88	12.42	200.03	-53.56	-0.75	1.08	20.76	17.57	-7.51	4.95	-4.56	1.97	3.39	2.56	-5.09
MRBLD1TOR130_COS		-24.28	69.38	48.20	-18.29	-51.98	6.78	15.09	-10.81	3.72	-1.17	4.59	2.03	0.53	-0.07	0.00	-2.39
MRBLD1TOR130_SIN		0.00	-66.68	7.16	197.04	-50.21	0.08	3.97	11.24	11.24	-5.28	0.08	8.31	2.48	0.41	-0.92	4.40
MRBLD1TOR164_COS		-219.68	37.76	80.96	-18.75	-42.56	-5.21	0.41	-3.09	7.69	3.74	0.79	0.38	1.06	1.43	-1.04	-1.25
MRBLD1TOR164_SIN		0.00	-27.60	6.30	108.13	-19.00	0.73	8.50	10.05	3.31	2.77	5.65	6.08	1.28	-1.39	-1.40	0.35
MRFBM1CB26P5_COS		-4720.29	-774.76	-14.31	65.73	4.64	0.89	-1.31	-8.71	-0.21	-1.36	5.64	2.47	0.61	-1.30	-5.70	-1.16
MRFBM1CB26P5_SIN		0.00	-145.15	3.76	-15.92	-34.69	-13.09	-22.85	-15.77	-4.52	-4.70	-11.50	2.94	0.47	-0.11	0.19	-3.54
MRFBM1FB9_COS		311.74	79.00	125.28	-61.51	18.36	12.36	11.62	9.38	0.28	-2.20	-4.32	-0.74	-0.07	0.82	2.80	-0.83
MRFBM1FB9_SIN		0.00	-41.73	46.81	-37.05	-35.82	-3.33	3.83	14.08	3.67	3.38	2.17	-2.29	-0.91	0.19	1.05	1.95
MRFBM1TOR26P5_COS		-350.19	80.87	-0.19	-0.02	-1.47	0.18	0.15	-0.06	0.22	0.08	-0.08	-0.06	0.03	0.00	0.09	0.07
MRFBM1TOR26P5_SIN		0.00	-105.44	0.44	1.33	-0.93	-0.37	0.14	0.09	0.26	-0.07	0.11	-0.16	0.08	0.09	0.02	-0.03

RUN	POINT	Harmonics															
49	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1052.51	-1603.07	-11.41	186.59	-49.58	-24.87	-39.22	-93.43	13.65	16.92	27.69	26.70	1.45	-10.69	-45.02	-7.68
MRPC1CB33P25_SIN		0.00	-45.06	-18.72	-34.57	90.68	-14.19	-2.16	-76.15	-25.73	-30.88	-70.28	26.72	3.99	2.60	13.05	-23.47
MRPC1FB33P25_COS		2281.79	227.43	-328.36	250.23	-63.24	-73.10	-92.95	-218.14	-54.74	-5.20	81.72	48.26	17.72	-12.12	-104.59	-17.91
MRPC1FB33P25_SIN		0.00	190.49	-95.21	67.97	236.13	61.94	16.76	-175.99	-62.14	-110.71	-90.09	45.83	21.45	12.21	20.58	-68.06
MRPC1TOR25P5_COS		-757.16	-32.95	-95.65	11.74	73.81	-12.36	-20.17	7.53	-8.19	3.68	10.88	6.63	-5.85	-4.87	-3.67	-4.19
MRPC1TOR25P5_SIN		0.00	133.69	-61.36	-219.80	64.43	5.45	3.01	-22.36	-20.30	13.61	-4.60	13.49	-4.69	-3.03	-3.39	3.97
MRPLK1LOAD_COS		-83.48	0.63	-8.27	1.93	10.35	-0.94	-2.51	2.57	-0.94	0.21	1.60	0.66	-0.85	-0.59	-0.38	-0.97
MRPLK1LOAD_SIN		0.00	-11.51	-4.94	-30.16	7.27	1.11	-0.18	-2.31	-2.71	2.10	-0.47	2.00	-1.17	-0.73	-1.09	0.95
PITCHRH_COS		8454.85	-8541.64	-290.51	-28.89	-124.20	501.99	-129.49	-111.55	92.11	-70.91	163.15	-53.74	6.70	-0.87	-35.72	-484.09
PITCHRH_SIN		0.00	2411.01	-611.67	52.83	-82.40	579.04	-72.30	105.66	79.69	-100.88	-256.89	66.36	-46.17	53.27	-39.07	156.24
ROLLRH_COS		2393.01	-2088.96	751.37	0.72	-303.17	-1513.64	-131.98	-90.58	106.85	107.49	426.45	-35.48	-25.54	-26.41	-40.74	-477.76
ROLLRH_SIN		0.00	-8099.66	-550.80	-7.44	163.57	1400.11	-115.52	-52.91	22.62	-22.13	-145.98	-38.85	-20.56	-23.36	-19.34	-484.32
TORQ_COS		32323.07	387.84	-7.34	26.87	-22.31	-11.25	3.14	8.35	-23.01	-3.02	3.72	-2.05	4.82	0.24	-3.58	11.48
TORQ_SIN		0.00	675.28	-15.77	28.17	-68.37	65.94	7.63	50.03	1.41	-5.67	38.58	5.40	-2.45	6.62	-8.25	-18.15
THRUST_COS		5769.50	-66.05	18.01	7.90	12.06	6.97	2.06	24.12	-0.16	-4.18	-24.96	-0.96	1.71	2.27	2.96	5.30
THRUST_SIN		0.00	-51.16	12.45	0.25	29.79	-37.46	5.35	19.38	-1.76	5.34	55.15	-4.68	1.92	-1.23	-7.87	38.62

RUN	POINT	Harmonics															
49	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.17	34.33	-19.52	-0.44	0.77	22.57	7.18	2.20	-2.04	-4.86	-16.29	1.50	1.41	0.67	1.07	14.93
SIDERH_SIN		0.00	162.97	14.25	3.60	-73.87	-206.40	8.44	0.08	-1.32	0.89	6.07	2.76	0.40	1.02	0.51	13.70
DRAGRH_COS		-202.63	221.93	9.05	-1.88	-7.60	113.67	-8.28	-7.38	-3.65	3.24	-4.12	5.78	-2.09	-0.09	1.65	22.53
DRAGRH_SIN		0.00	-59.96	18.46	1.82	17.50	143.81	0.69	-4.77	-1.35	6.03	6.13	-5.40	0.60	-2.69	0.58	-8.13

RUN	POINT	Harmonics															
49	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.05	0.01	-0.01	-0.02	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	-0.01	0.00	0.02	0.02	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.46	1.20	-1.66	6.25	-1.12	-1.54	0.06	0.81	-0.23	-0.14	-0.30	0.07	0.12	0.39	-0.06	-0.41
ACT1FORCE_SIN		0.00	13.47	1.28	-1.51	2.30	-0.13	-0.72	1.00	0.37	-1.88	-0.20	-0.06	0.53	0.41	0.09	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.06	-11.56	7.41	-103.40	7.68	13.64	0.38	0.45	-0.03	0.04	-0.05	-0.07	-0.18	-0.01	-0.07	0.00
FA1IBVOLTAGE_SIN		0.00	-77.96	-11.99	-281.08	-10.60	2.79	4.28	-0.19	0.12	-0.09	0.01	-0.04	0.08	0.09	-0.04	-0.11
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.87	11.73	-7.34	104.52	-7.56	-13.71	-0.04	-0.51	-0.10	-0.05	0.02	0.04	0.15	0.02	0.08	0.02
FA1OBVOLTAGE_SIN		0.00	78.11	11.92	281.51	11.02	-2.61	-3.55	0.27	-0.12	0.10	0.01	0.02	-0.03	-0.11	0.02	0.09
MRBLD1CB42P75_COS		-4018.71	-1742.12	80.93	159.90	-77.62	-26.92	-43.85	-73.13	39.72	37.57	13.95	38.66	2.36	-16.06	-36.86	-6.04
MRBLD1CB42P75_SIN		0.00	-72.61	-23.89	-30.62	186.16	-11.07	13.43	-77.35	-10.71	-19.90	-117.75	34.84	-0.64	-2.28	4.48	-15.01

RUN	POINT	Harmonics															
49	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.49	-1088.86	331.65	84.75	-86.37	-10.20	-49.81	-58.73	30.54	36.74	-6.14	24.74	4.31	-11.65	-25.58	-5.03
MRBLD1CB70_SIN		0.00	-37.98	-27.57	-2.75	326.04	20.46	103.22	-37.29	-6.94	-14.60	-66.33	15.29	-2.27	-1.03	1.96	-14.13
MRBLD1CB120_COS		-564.77	-451.15	451.93	78.94	-45.98	17.81	-48.96	-27.14	-37.04	-19.41	14.04	-11.62	2.12	7.95	1.56	1.49
MRBLD1CB120_SIN		0.00	97.98	-104.33	-40.71	335.97	40.69	146.65	-4.26	-1.44	-21.89	64.83	-10.40	8.01	6.06	-3.34	-9.03
MRBLD1CB164_COS		-1978.43	-133.22	140.11	14.62	-43.16	3.35	-4.98	16.09	-38.38	-22.32	21.74	-9.78	0.62	6.84	11.67	-1.62
MRBLD1CB164_SIN		0.00	82.82	-35.91	-42.02	158.55	23.64	59.89	16.02	-11.24	-29.07	50.84	-2.40	10.45	2.86	2.92	13.85
MRBLD1FB42P75_COS		3122.27	294.48	-373.21	276.59	17.25	-56.81	-101.13	-272.09	-93.84	-84.36	14.84	69.85	23.62	-2.94	-46.64	-54.21
MRBLD1FB42P75_SIN		0.00	11.76	-47.11	-2.71	315.10	103.69	35.03	-116.64	-31.23	-104.66	-145.69	3.32	-2.03	8.38	58.67	-20.23
MRBLD1FB70_COS		424.66	-3.63	-180.88	70.30	-9.21	-12.84	-14.33	-37.36	1.28	0.40	-1.18	0.03	-1.44	-0.50	10.15	13.16
MRBLD1FB70_SIN		0.00	-192.50	-2.20	-22.35	92.54	11.30	10.76	-14.78	2.23	0.64	0.96	3.44	4.74	0.02	-11.87	4.63
MRBLD1FB87_COS		-69.40	23.51	-160.96	9.97	-24.27	-22.06	-7.00	24.69	15.32	18.79	3.09	-14.72	-1.07	2.32	6.45	6.77
MRBLD1FB87_SIN		0.00	-188.01	23.64	13.22	48.33	4.50	-1.38	8.89	0.54	16.49	33.52	-0.84	2.85	1.87	-10.90	2.97
MRBLD1FB120_COS		-464.11	22.96	-254.93	-23.59	-4.44	-11.32	18.23	51.06	-1.67	-4.45	-8.05	3.04	0.86	-3.55	-12.24	-10.00
MRBLD1FB120_SIN		0.00	-246.93	59.62	56.44	28.75	1.92	-19.19	18.11	-4.54	-1.22	-11.23	-2.55	-7.90	-4.28	14.94	-4.31
MRBLD1FB164_COS		-146.24	46.97	-291.13	16.77	51.79	53.43	-4.34	-78.52	-0.80	9.70	5.47	-6.77	-1.03	2.68	10.81	5.56
MRBLD1FB164_SIN		0.00	-300.56	26.12	274.25	-92.68	-20.61	11.34	-26.96	-4.41	1.42	23.38	-2.32	2.51	2.31	-7.00	2.10

RUN	POINT	Harmonics															
49	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-197.30	-8.80	-147.23	7.80	36.73	45.69	-22.53	-78.76	20.79	31.97	-2.46	-28.10	9.63	6.54	-19.00	-16.78
MRBLD1FB180_SIN		0.00	-208.00	27.00	213.79	-59.47	-12.77	23.93	-5.99	-11.82	-9.13	58.58	4.98	-3.05	-7.79	20.16	-2.68
MRBLD1TOR51_COS		-1406.12	64.61	43.97	-2.64	-78.13	-0.58	11.16	-10.47	7.24	-0.26	-7.09	-3.10	4.14	2.60	-9.35	-2.57
MRBLD1TOR51_SIN		0.00	-80.90	18.07	221.55	-34.87	1.62	-5.44	1.97	13.83	-15.06	0.10	-6.09	3.37	2.26	0.00	-7.83
MRBLD1TOR71_COS		-255.56	83.70	29.34	-12.07	-64.83	6.40	18.26	-1.58	6.99	-2.24	-8.18	-4.77	3.43	4.65	-5.31	-2.90
MRBLD1TOR71_SIN		0.00	-80.06	11.71	200.10	-50.57	0.11	-3.18	13.57	17.62	-7.31	6.64	-5.54	1.80	2.10	1.11	-4.30
MRBLD1TOR130_COS		-24.71	70.49	49.16	-17.99	-51.68	6.09	15.82	-5.32	4.37	-1.61	4.99	1.68	0.59	0.24	0.76	-2.15
MRBLD1TOR130_SIN		0.00	-67.09	6.91	198.19	-50.07	0.38	0.87	5.54	11.21	-5.41	0.37	8.83	3.25	1.17	1.20	4.20
MRBLD1TOR164_COS		-220.16	37.85	81.43	-16.98	-43.15	-6.25	0.60	-2.15	7.63	3.12	0.75	-0.64	0.61	0.99	0.07	-0.73
MRBLD1TOR164_SIN		0.00	-26.37	6.87	110.36	-15.26	1.53	7.34	7.34	3.37	2.06	6.03	6.28	1.48	-1.15	-1.09	0.52
MRFBM1CB26P5_COS		-4724.63	-755.48	-9.77	63.72	9.67	-2.49	-0.40	-5.84	0.26	-1.29	7.65	2.72	0.42	0.12	-4.42	-0.72
MRFBM1CB26P5_SIN		0.00	-123.24	6.58	-14.94	-34.51	-12.58	-25.28	-12.46	-3.25	-4.75	-10.82	2.94	0.54	-0.10	-0.53	-3.37
MRFBM1FB9_COS		314.38	57.82	121.08	-55.15	19.35	12.79	11.62	6.04	0.19	-2.29	-4.68	-0.87	-0.34	0.64	1.80	-0.73
MRFBM1FB9_SIN		0.00	-45.38	47.86	-29.14	-41.52	-4.14	5.86	14.49	3.81	3.62	3.12	-2.44	-0.74	0.32	1.26	1.65
MRFBM1TOR26P5_COS		-350.18	80.62	-0.23	-0.03	-1.51	0.24	0.09	0.00	0.21	0.08	-0.14	-0.06	0.04	-0.01	0.03	0.06
MRFBM1TOR26P5_SIN		0.00	-105.68	0.41	1.34	-0.94	-0.39	0.09	0.03	0.28	-0.05	0.10	-0.17	0.07	0.09	-0.04	-0.03

RUN	POINT	Harmonics															
49	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1056.85	-1575.12	1.15	178.08	-43.22	-29.02	-40.14	-68.54	15.79	15.80	22.81	30.43	3.72	-9.81	-34.84	-5.49
MRPC1CB33P25_SIN		0.00	-15.17	-13.31	-39.67	99.09	-13.31	-12.58	-78.71	-18.82	-33.12	-87.59	27.50	1.40	0.73	2.63	-18.99
MRPC1FB33P25_COS		2282.58	221.58	-321.82	228.71	-61.72	-79.55	-90.80	-166.41	-53.13	-5.20	92.41	48.80	18.58	-9.59	-79.14	-13.94
MRPC1FB33P25_SIN		0.00	177.39	-101.83	43.30	275.37	68.73	-4.95	-200.66	-68.30	-119.25	-99.50	45.77	15.03	4.44	-3.58	-58.80
MRPC1TOR25P5_COS		-757.77	-34.93	-96.88	12.75	72.65	-10.96	-19.83	0.07	-9.33	2.76	12.82	8.73	-4.77	-4.07	0.40	-2.79
MRPC1TOR25P5_SIN		0.00	131.68	-61.03	-219.71	60.11	3.16	8.42	-13.80	-20.80	13.22	-8.23	14.50	-4.15	-1.54	0.60	4.72
MRPLK1LOAD_COS		-83.56	0.50	-8.41	2.07	10.28	-0.84	-2.38	1.47	-1.13	0.10	2.07	0.83	-0.76	-0.43	0.30	-0.78
MRPLK1LOAD_SIN		0.00	-11.86	-4.77	-30.13	6.58	0.93	0.51	-0.97	-2.79	1.92	-0.75	2.18	-1.03	-0.53	-0.08	0.99
PITCHRH_COS		8784.12	-8531.76	-287.70	-21.04	-107.57	591.84	-82.22	-68.87	114.70	-86.31	163.54	-59.54	22.25	59.50	-41.91	-397.25
PITCHRH_SIN		0.00	2449.18	-598.15	72.80	-79.79	679.88	-108.22	59.93	32.31	-127.71	-222.51	68.79	-26.05	35.42	-28.56	112.44
ROLLRH_COS		2505.70	-2072.11	747.55	33.95	-310.18	-1764.48	-69.04	-86.13	139.59	137.64	405.04	-42.34	-21.55	-32.21	-24.01	-362.20
ROLLRH_SIN		0.00	-8139.76	-501.44	-13.23	150.91	1466.23	-175.69	-17.88	11.09	-45.57	-118.03	-47.08	9.69	-57.23	-6.12	-353.94
TORQ_COS		32213.78	382.94	-6.11	27.87	-32.25	-4.03	3.77	-1.19	-27.88	-1.81	-4.59	-2.38	3.81	-4.06	-3.06	15.63
TORQ_SIN		0.00	640.82	-21.34	18.17	-67.27	65.74	6.41	27.71	-9.73	-7.92	31.57	5.44	-8.32	6.87	-8.41	-13.28
THRUST_COS		5779.31	-66.46	18.16	3.53	12.64	4.67	1.33	13.93	-0.53	-4.11	-30.16	-0.34	1.93	-0.58	4.15	7.01
THRUST_SIN		0.00	-49.29	11.09	-1.74	30.66	-44.27	6.66	13.95	2.65	5.83	45.88	-3.52	0.24	0.27	-4.76	32.32

RUN	POINT	Harmonics															
49	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.31	31.96	-20.22	0.75	2.28	36.48	4.35	1.39	-3.62	-6.30	-15.10	1.87	1.19	0.85	0.52	11.50
SIDERH_SIN		0.00	171.80	12.56	4.22	-71.56	-223.64	9.43	0.60	-0.40	2.28	5.26	3.05	-0.67	2.30	0.13	10.12
DRAGRH_COS		-201.89	222.97	9.99	-2.48	-6.66	117.09	-11.94	-0.88	-1.09	3.41	-3.18	6.02	-2.61	-2.97	1.56	18.41
DRAGRH_SIN		0.00	-60.72	18.92	2.49	19.94	170.31	1.50	-5.80	0.15	8.68	3.68	-5.24	1.34	-0.09	0.40	-5.79

RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.02	-0.02	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	0.01	-0.08	0.00	0.01	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.73	1.33	-1.38	6.33	-0.94	-1.77	0.13	0.72	-0.12	-0.14	-0.36	-0.07	0.09	0.35	0.03	-0.41
ACT1FORCE_SIN		0.00	13.45	1.15	-1.43	2.43	0.06	-0.75	1.01	0.41	-1.82	-0.10	-0.03	0.46	0.36	0.04	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.47	-12.13	5.23	-104.60	6.06	15.06	0.35	0.40	-0.08	0.00	-0.07	-0.06	-0.09	-0.03	-0.09	-0.03
FA1IBVOLTAGE_SIN		0.00	-77.62	-10.81	-281.51	-10.85	1.54	4.74	-0.09	0.04	-0.15	-0.01	0.05	0.03	0.06	-0.06	-0.15
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.44	12.27	-5.16	105.36	-5.95	-15.13	-0.01	-0.46	-0.06	0.00	0.04	0.03	0.06	0.04	0.08	0.03
FA1OBVOLTAGE_SIN		0.00	77.77	10.73	282.08	11.25	-1.38	-4.00	0.17	-0.03	0.16	0.04	-0.06	0.02	-0.07	0.04	0.13
MRBLD1CB42P75_COS		-4049.15	-1616.59	62.24	155.32	-87.53	-30.36	-46.48	-61.74	42.99	33.25	36.87	33.71	-3.71	-17.93	-40.09	-8.90
MRBLD1CB42P75_SIN		0.00	12.96	-21.72	-48.99	198.48	-10.99	14.56	-89.04	-12.99	-17.84	-100.74	43.60	3.31	-0.44	10.68	-16.64

RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2746.77	-1007.65	321.50	82.86	-110.65	-30.28	-49.84	-44.35	36.09	33.84	13.26	23.26	1.12	-9.55	-26.86	-7.69
MRBLD1CB70_SIN		0.00	20.26	-28.83	-18.78	347.92	23.71	114.73	-40.31	-7.76	-10.78	-50.62	22.89	2.03	0.60	9.20	-14.62
MRBLD1CB120_COS		-576.54	-417.40	446.80	76.65	-71.74	-9.47	-49.23	-17.84	-30.06	-15.22	0.41	-8.09	5.85	9.80	1.60	1.19
MRBLD1CB120_SIN		0.00	127.40	-110.19	-57.98	353.43	42.70	163.58	0.45	-1.19	-20.95	55.45	-14.84	7.14	6.35	-3.83	-9.24
MRBLD1CB164_COS		-1981.88	-125.83	140.19	13.13	-54.18	-8.22	-4.88	15.59	-35.74	-18.20	6.73	-7.00	4.12	6.43	14.67	0.99
MRBLD1CB164_SIN		0.00	91.74	-38.55	-49.57	165.59	23.58	67.11	22.68	-9.26	-28.92	38.18	-6.67	8.67	2.10	-1.57	14.59
MRBLD1FB42P75_COS		3142.78	256.25	-385.26	250.09	34.69	-47.94	-95.09	-256.20	-75.57	-74.55	17.72	75.38	28.09	1.63	-40.85	-60.98
MRBLD1FB42P75_SIN		0.00	3.51	-43.68	-29.27	312.85	107.72	46.18	-131.39	-36.05	-99.92	-139.98	9.20	6.35	16.35	72.82	-14.70
MRBLD1FB70_COS		429.17	-4.27	-185.54	61.47	-5.48	-11.67	-13.81	-35.15	2.22	0.08	-1.06	-1.09	-2.73	-1.53	9.41	14.64
MRBLD1FB70_SIN		0.00	-190.37	-0.87	-33.01	91.34	11.17	12.19	-18.86	0.23	0.55	0.68	3.25	3.61	-1.56	-14.81	3.71
MRBLD1FB87_COS		-67.28	21.94	-163.14	4.39	-23.51	-22.96	-7.29	23.22	12.44	16.72	1.12	-15.65	-2.15	0.86	4.96	8.66
MRBLD1FB87_SIN		0.00	-188.34	25.25	8.40	47.49	3.76	-2.46	9.70	1.25	15.72	32.40	-2.11	1.02	-0.12	-14.71	1.28
MRBLD1FB120_COS		-463.79	20.69	-254.90	-27.90	-2.57	-12.94	19.47	49.19	-2.05	-3.18	-6.43	4.93	3.23	-0.91	-10.31	-13.04
MRBLD1FB120_SIN		0.00	-250.36	63.86	55.59	31.01	3.36	-20.65	24.38	-2.16	-0.72	-10.44	-1.70	-6.13	-1.30	20.79	-1.65
MRBLD1FB164_COS		-141.24	44.31	-295.84	11.26	51.09	51.04	-6.09	-77.78	0.53	7.78	5.56	-6.12	-0.92	2.44	10.08	8.00
MRBLD1FB164_SIN		0.00	-307.47	33.28	273.36	-91.45	-17.09	15.03	-32.67	-9.23	0.02	21.64	-3.13	1.17	1.45	-10.68	0.78

RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-193.47	-10.23	-150.37	7.23	35.43	45.03	-23.19	-74.92	20.82	29.21	-3.44	-22.96	16.10	11.11	-16.43	-20.68
MRBLD1FB180_SIN		0.00	-211.83	31.42	213.36	-58.72	-10.68	28.29	-11.84	-15.20	-10.80	56.11	1.38	-4.51	-5.23	27.17	0.70
MRBLD1TOR51_COS		-1405.19	66.00	40.52	-5.66	-75.41	3.10	9.66	-7.63	10.41	0.00	-7.57	-3.07	5.02	2.87	-9.96	-4.40
MRBLD1TOR51_SIN		0.00	-79.70	18.75	215.28	-35.63	5.21	-7.14	-3.03	12.59	-13.41	1.37	-5.56	3.52	3.22	2.17	-7.75
MRBLD1TOR71_COS		-254.39	83.60	26.65	-13.96	-62.10	10.26	17.05	-0.13	9.28	-1.81	-9.43	-4.86	4.53	4.87	-5.87	-4.11
MRBLD1TOR71_SIN		0.00	-79.83	12.12	195.37	-51.93	3.19	-5.25	9.35	16.30	-6.23	7.09	-5.56	1.37	2.77	2.03	-4.46
MRBLD1TOR130_COS		-23.64	71.26	46.87	-19.09	-49.68	10.01	14.96	-4.02	6.36	-0.55	4.58	1.19	0.48	0.39	1.27	-0.97
MRBLD1TOR130_SIN		0.00	-66.58	7.54	195.52	-51.84	2.76	-0.50	2.30	10.04	-5.12	0.88	9.20	2.54	0.45	-0.09	4.23
MRBLD1TOR164_COS		-220.64	38.85	81.36	-17.07	-42.19	-3.75	1.23	-0.97	7.44	3.17	0.85	0.72	1.42	1.27	-0.38	-0.19
MRBLD1TOR164_SIN		0.00	-25.12	6.52	110.17	-16.74	2.24	6.91	6.77	3.45	2.08	5.55	6.57	2.06	-0.60	-1.37	0.36
MRFBM1CB26P5_COS		-4746.74	-694.72	-18.86	62.87	12.32	2.26	-1.22	-6.70	-0.34	-1.29	7.13	2.38	0.18	-0.96	-5.15	-1.26
MRFBM1CB26P5_SIN		0.00	-79.03	5.89	-18.04	-35.16	-13.52	-27.68	-15.17	-3.19	-4.93	-11.26	3.00	0.66	0.49	-0.44	-3.64
MRFBM1FB9_COS		329.64	3.30	132.98	-50.89	18.23	13.45	12.22	4.73	-0.45	-2.08	-4.85	-0.55	0.14	0.87	2.33	-0.54
MRFBM1FB9_SIN		0.00	-45.32	47.41	-20.31	-41.68	-4.45	5.22	14.53	3.51	3.33	2.41	-2.63	-0.81	0.29	1.04	1.86
MRFBM1TOR26P5_COS		-350.08	80.26	-0.20	-0.02	-1.50	0.22	0.06	0.02	0.22	0.06	-0.10	-0.05	0.03	0.01	0.06	0.05
MRFBM1TOR26P5_SIN		0.00	-106.15	0.40	1.31	-0.89	-0.39	0.06	-0.01	0.26	-0.05	0.10	-0.18	0.07	0.07	-0.01	-0.01

RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1075.67	-1466.12	-16.52	172.19	-41.55	-24.74	-42.86	-62.14	19.20	14.59	34.88	27.74	-0.12	-12.08	-38.19	-9.06
MRPC1CB33P25_SIN		0.00	54.34	-7.88	-54.80	104.54	-14.14	-13.23	-88.65	-19.25	-30.55	-78.80	33.58	5.30	3.29	8.20	-20.41
MRPC1FB33P25_COS		2301.52	187.05	-331.34	211.77	-48.56	-74.45	-88.99	-147.22	-36.24	0.13	92.85	48.29	15.10	-12.92	-88.53	-22.34
MRPC1FB33P25_SIN		0.00	168.56	-101.75	17.85	278.30	73.19	5.86	-205.94	-64.00	-110.82	-92.47	54.26	23.95	13.17	9.61	-61.87
MRPC1TOR25P5_COS		-757.97	-40.02	-91.70	15.43	69.58	-15.40	-17.79	-1.26	-11.79	3.25	14.51	7.66	-6.16	-4.95	-0.79	-0.93
MRPC1TOR25P5_SIN		0.00	130.48	-64.30	-214.08	62.29	-1.16	10.31	-8.17	-18.90	11.80	-8.11	15.74	-3.55	-1.83	-1.77	3.31
MRPLK1LOAD_COS		-83.77	0.55	-8.10	2.55	9.80	-1.40	-2.10	1.15	-1.50	0.20	2.08	0.72	-0.89	-0.57	0.12	-0.48
MRPLK1LOAD_SIN		0.00	-11.63	-4.95	-29.41	6.76	0.43	0.78	-0.12	-2.52	1.77	-0.77	2.34	-0.98	-0.52	-0.60	0.76
PITCHRH_COS		9664.80	-8548.12	-295.06	-21.81	-132.99	727.65	-119.23	-109.85	146.24	-68.06	147.72	-48.61	11.08	64.82	-43.04	-439.14
PITCHRH_SIN		0.00	2432.39	-626.40	55.18	-121.26	729.80	-109.46	85.78	46.77	-129.83	-246.52	72.97	-37.05	78.76	-29.31	68.47
ROLLRH_COS		2579.54	-2127.29	752.01	20.42	-333.27	-1840.22	-138.08	-105.99	129.93	153.74	412.61	-44.70	8.21	-18.24	-30.37	-347.88
ROLLRH_SIN		0.00	-8107.31	-514.70	19.06	128.00	1646.07	-134.26	-90.13	43.06	-16.81	-119.03	-31.93	-10.10	-17.10	-4.05	-447.84
TORQ_COS		31909.67	374.00	-7.31	34.09	-22.85	-13.46	1.27	8.03	-21.28	-1.17	-1.88	-0.91	6.78	-4.31	-3.66	15.94
TORQ_SIN		0.00	689.90	-20.05	22.17	-96.53	73.51	6.86	42.12	-8.33	-5.87	35.74	6.25	-6.23	6.71	-8.18	-10.83
THRUST_COS		5823.17	-65.03	17.88	8.06	10.68	4.87	4.40	22.16	-3.30	-5.32	-28.32	-0.16	1.87	-1.20	3.19	7.00
THRUST_SIN		0.00	-48.66	11.03	-3.45	35.10	-45.56	6.24	18.28	0.39	5.00	51.92	-2.53	0.22	-2.40	-6.33	33.23

RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.41	38.92	-20.82	-0.79	9.65	29.36	10.55	1.40	-4.33	-7.41	-15.70	1.71	0.19	0.20	0.67	10.86
SIDERH_SIN		0.00	162.89	13.40	4.69	-75.49	-240.71	11.18	0.23	-2.38	0.67	4.74	2.26	-0.22	0.98	-0.02	12.77
DRAGRH_COS		-194.71	221.78	10.42	-3.01	-7.17	129.05	-8.23	-4.96	-3.97	1.83	-4.09	4.42	-2.97	-2.45	2.03	19.96
DRAGRH_SIN		0.00	-61.14	18.49	1.51	17.27	178.35	0.89	-3.64	0.88	7.87	3.34	-4.68	2.25	-1.97	0.37	-4.14

RUN	POINT	Harmonics															
49	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.05	0.01	-0.01	-0.02	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	-0.01	0.00	0.02	0.02	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.45	1.17	-2.17	6.32	-1.14	-1.54	0.03	0.83	-0.14	-0.13	-0.33	0.01	0.07	0.36	0.00	-0.40
ACT1FORCE_SIN		0.00	13.50	1.31	-1.39	2.38	-0.11	-0.86	0.99	0.38	-1.84	-0.19	-0.08	0.48	0.41	0.04	0.02
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.74	-11.85	10.65	-103.98	7.51	13.58	0.72	0.43	-0.03	0.03	-0.04	-0.08	-0.03	-0.04	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-77.86	-12.09	-281.76	-11.54	2.65	5.56	-0.16	0.06	-0.16	-0.01	-0.02	0.00	0.06	-0.03	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.16	12.01	-10.58	105.09	-7.39	-13.67	-0.39	-0.49	-0.10	-0.03	0.01	0.06	0.00	0.04	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	78.01	12.04	282.20	11.97	-2.48	-4.83	0.25	-0.06	0.15	0.04	0.00	0.05	-0.08	0.02	0.06
MRBLD1CB42P75_COS		-4035.54	-1651.33	120.37	175.74	-87.40	-36.71	-40.52	-62.19	36.93	41.73	36.59	33.32	0.10	-18.11	-43.95	-3.19
MRBLD1CB42P75_SIN		0.00	-7.11	-24.46	-28.76	211.63	-9.51	18.19	-80.98	-11.09	-27.58	-96.86	38.48	-1.78	-2.15	7.17	-17.48

RUN	POINT	Harmonics															
49	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2767.35	-1032.92	358.29	98.37	-95.20	-27.90	-45.49	-50.34	31.88	40.98	8.66	23.26	3.31	-10.32	-29.73	-1.84
MRBLD1CB70_SIN		0.00	-3.97	-25.13	-1.30	354.16	20.88	120.59	-34.82	-6.44	-22.00	-54.86	20.02	-1.05	0.97	7.29	-15.01
MRBLD1CB120_COS		-556.10	-427.67	468.24	89.62	-47.93	-2.22	-47.30	-25.60	-35.31	-20.41	1.53	-8.22	3.46	9.44	1.56	2.22
MRBLD1CB120_SIN		0.00	98.69	-103.39	-40.82	363.39	35.67	167.79	1.64	3.45	-14.19	51.94	-13.09	9.49	7.61	-3.81	-10.22
MRBLD1CB164_COS		-1974.26	-127.84	140.94	18.60	-42.40	-4.24	-6.46	13.09	-38.16	-25.68	10.60	-8.06	1.50	5.55	15.01	-3.42
MRBLD1CB164_SIN		0.00	80.19	-36.01	-39.27	171.16	19.89	68.29	20.31	-6.68	-18.26	41.11	-5.19	10.80	2.10	0.20	14.63
MRBLD1FB42P75_COS		3126.78	267.87	-356.86	308.00	32.72	-65.97	-91.85	-254.27	-89.15	-67.86	33.15	69.42	28.01	0.90	-51.17	-56.83
MRBLD1FB42P75_SIN		0.00	3.64	-52.56	-0.44	363.38	106.81	42.70	-121.97	-13.65	-87.97	-134.34	9.80	3.91	17.09	77.00	-26.25
MRBLD1FB70_COS		422.37	-2.34	-174.74	82.20	-5.60	-15.69	-12.73	-34.34	0.51	0.24	-1.09	-0.92	-3.25	-1.84	11.36	13.70
MRBLD1FB70_SIN		0.00	-190.53	-4.18	-21.87	107.70	11.88	12.45	-16.14	3.81	0.39	0.56	3.18	3.65	-2.38	-15.91	5.92
MRBLD1FB87_COS		-72.13	25.11	-158.25	17.25	-23.13	-22.65	-7.46	23.30	14.05	15.42	-2.09	-14.00	-1.66	1.23	6.95	7.63
MRBLD1FB87_SIN		0.00	-186.35	22.77	13.68	53.30	2.84	-3.30	8.48	-2.36	12.96	30.26	-2.63	2.14	0.78	-15.01	3.58
MRBLD1FB120_COS		-468.11	22.77	-255.98	-17.67	-4.85	-9.22	17.58	47.87	0.33	-2.44	-5.25	4.23	3.12	-0.86	-12.04	-10.52
MRBLD1FB120_SIN		0.00	-241.07	61.15	59.71	26.52	2.53	-20.49	21.35	-6.51	0.13	-9.35	-1.79	-7.19	-2.52	21.01	-5.07
MRBLD1FB164_COS		-150.41	46.36	-278.26	23.48	47.71	56.17	-8.04	-76.82	-3.99	7.44	3.51	-5.62	-1.51	2.62	11.47	6.65
MRBLD1FB164_SIN		0.00	-293.57	23.99	275.35	-112.51	-20.70	12.97	-31.02	-0.49	0.71	19.47	-3.69	2.07	2.29	-9.93	2.19

RUN	POINT	Harmonics															
49	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.15	-10.36	-137.73	8.98	33.17	44.21	-25.40	-76.34	16.65	25.77	-11.80	-22.14	15.80	10.71	-19.03	-17.24
MRBLD1FB180_SIN		0.00	-203.99	24.60	213.35	-71.50	-13.42	26.15	-8.93	-11.53	-14.96	51.42	1.52	-3.23	-4.69	28.94	-2.71
MRBLD1TOR51_COS		-1405.34	67.25	48.50	0.55	-76.08	2.15	12.36	-7.71	7.44	-0.62	-8.28	-2.18	5.22	2.83	-11.91	-3.65
MRBLD1TOR51_SIN		0.00	-80.18	17.49	221.78	-32.74	3.61	-4.47	-0.31	13.93	-15.80	-1.28	-5.47	4.35	3.98	1.74	-7.94
MRBLD1TOR71_COS		-255.41	85.19	32.04	-10.22	-62.71	9.60	19.18	-0.11	7.35	-2.69	-10.13	-3.78	4.61	4.85	-6.78	-3.65
MRBLD1TOR71_SIN		0.00	-80.17	11.29	200.14	-50.49	2.35	-2.77	11.60	17.29	-8.19	4.65	-5.42	2.29	3.47	2.04	-4.46
MRBLD1TOR130_COS		-24.29	71.87	50.96	-17.68	-49.46	9.10	16.70	-4.17	4.27	-1.16	4.66	1.25	0.42	-0.21	1.90	-1.04
MRBLD1TOR130_SIN		0.00	-66.67	6.89	197.63	-51.93	2.44	1.42	4.06	11.50	-4.81	1.31	8.31	2.58	0.52	-0.02	4.08
MRBLD1TOR164_COS		-219.55	39.09	80.14	-18.02	-42.68	-5.50	1.85	-1.79	7.47	3.26	0.15	0.15	0.90	0.86	0.48	0.82
MRBLD1TOR164_SIN		0.00	-27.20	7.20	109.67	-13.56	2.22	7.84	7.31	2.80	1.59	5.30	5.99	1.91	-0.52	-1.32	0.15
MRFBM1CB26P5_COS		-4744.77	-706.12	6.29	65.24	8.88	-1.30	-0.59	-4.76	-0.73	-1.27	8.72	2.09	0.35	-0.71	-5.45	-0.85
MRFBM1CB26P5_SIN		0.00	-81.79	5.78	-16.02	-33.20	-11.79	-28.07	-14.13	-2.65	-3.72	-8.45	2.99	1.01	0.41	-0.75	-3.71
MRFBM1FB9_COS		320.18	14.93	104.58	-63.39	19.88	14.05	11.84	4.83	0.48	-2.39	-4.84	-0.68	-0.20	0.80	2.28	-1.10
MRFBM1FB9_SIN		0.00	-55.69	48.45	-32.57	-48.08	-3.80	5.03	13.80	3.13	3.00	1.97	-2.59	-0.83	0.22	1.19	1.60
MRFBM1TOR26P5_COS		-350.09	80.31	-0.26	-0.05	-1.52	0.27	0.08	-0.01	0.21	0.08	-0.13	-0.06	0.02	0.02	0.02	0.03
MRFBM1TOR26P5_SIN		0.00	-106.09	0.42	1.32	-0.96	-0.42	0.13	0.02	0.24	-0.10	0.07	-0.14	0.07	0.07	0.00	-0.02

RUN	POINT	Harmonics															
49	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1073.95	-1497.73	38.70	190.99	-48.30	-32.86	-38.06	-60.07	13.35	18.23	38.05	26.60	2.23	-12.11	-42.12	-3.39
MRPC1CB33P25_SIN		0.00	37.46	-16.16	-38.97	118.89	-12.93	-11.96	-83.16	-16.20	-33.26	-73.24	30.40	2.01	2.27	5.26	-21.46
MRPC1FB33P25_COS		2288.00	198.30	-306.80	254.38	-60.44	-88.52	-85.26	-149.40	-56.79	-1.10	99.99	43.78	17.32	-13.82	-97.79	-9.21
MRPC1FB33P25_SIN		0.00	167.72	-105.18	50.48	317.71	67.80	4.23	-198.12	-53.51	-98.79	-79.67	50.12	21.76	12.76	2.26	-65.08
MRPC1TOR25P5_COS		-758.73	-39.93	-100.38	9.75	69.53	-14.70	-20.67	-2.12	-10.31	3.50	15.41	6.86	-5.91	-5.41	1.51	0.56
MRPC1TOR25P5_SIN		0.00	130.71	-61.76	-219.63	59.80	0.48	7.72	-10.87	-20.09	14.54	-4.22	14.12	-4.92	-2.45	-2.22	3.24
MRPLK1LOAD_COS		-83.72	0.34	-8.98	1.68	9.81	-1.31	-2.49	1.13	-1.19	0.15	2.27	0.67	-0.82	-0.68	0.64	-0.21
MRPLK1LOAD_SIN		0.00	-11.89	-4.63	-30.00	6.44	0.62	0.31	-0.52	-2.69	2.19	-0.25	2.05	-1.17	-0.59	-0.57	0.81
PITCHRH_COS		9494.02	-8548.95	-292.71	-18.47	-124.04	710.53	-129.59	-88.11	137.98	-73.54	161.42	-58.51	9.47	43.81	-41.12	-419.32
PITCHRH_SIN		0.00	2447.96	-599.81	74.01	-99.26	856.89	-100.21	73.39	53.36	-143.30	-193.97	71.47	-31.06	60.20	-39.19	55.45
ROLLRH_COS		2695.99	-2126.71	757.13	13.87	-341.92	-1994.40	-129.70	-89.48	120.31	141.70	392.03	-45.42	-8.71	-28.25	-47.38	-287.98
ROLLRH_SIN		0.00	-8127.75	-518.04	-4.11	128.58	1570.65	-157.73	-99.82	33.94	-34.16	-129.44	-47.76	3.96	-12.99	13.86	-489.99
TORQ_COS		31850.90	379.36	-6.49	26.97	-25.10	-4.13	1.28	-0.09	-23.37	-1.78	-10.45	0.57	7.81	-3.37	-4.55	17.66
TORQ_SIN		0.00	683.03	-23.72	22.02	-85.91	56.48	6.02	40.02	-7.53	-7.57	27.80	6.12	-5.63	3.56	-10.30	-15.28
THRUST_COS		5801.14	-65.59	17.99	6.57	12.40	8.36	2.85	17.23	-0.85	-3.90	-34.28	0.89	2.65	0.01	3.72	-0.66
THRUST_SIN		0.00	-50.32	12.08	-0.39	31.39	-42.32	7.10	19.80	0.33	4.74	44.11	-3.70	0.15	-1.02	-8.14	33.56

RUN	POINT	Harmonics															
49	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.05	37.93	-20.82	-0.01	7.77	36.88	8.55	1.44	-3.42	-6.71	-14.90	1.79	0.92	0.60	1.26	9.42
SIDERH_SIN		0.00	165.25	13.30	4.84	-70.45	-243.17	11.97	1.32	-1.87	1.59	5.92	2.97	-0.74	0.90	-0.46	13.98
DRAGRH_COS		-195.69	221.99	10.56	-2.46	-7.84	127.93	-8.99	-2.95	-3.42	2.18	-2.66	5.70	-3.89	-1.68	2.16	19.09
DRAGRH_SIN		0.00	-61.17	18.99	2.16	19.14	181.47	1.95	-3.72	-1.02	9.61	1.34	-5.40	0.77	-1.83	0.76	-3.39

RUN	POINT	Harmonics															
49	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.05	0.00	0.00	0.00	0.04	0.01	-0.01	-0.02	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	0.00	0.01	0.02	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.43	1.21	-1.95	6.37	-0.87	-1.62	0.08	0.69	-0.17	-0.08	-0.34	0.05	0.12	0.36	0.04	-0.40
ACT1FORCE_SIN		0.00	13.48	1.21	-1.51	2.36	-0.15	-0.76	0.88	0.39	-1.79	-0.18	-0.02	0.49	0.35	0.06	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.77	-11.70	8.89	-103.08	5.95	13.76	0.55	0.44	0.00	-0.01	-0.04	-0.12	-0.06	-0.04	0.02	-0.06
FA1IBVOLTAGE_SIN		0.00	-78.09	-11.22	-281.28	-10.99	2.77	4.60	-0.15	0.09	-0.17	-0.01	-0.01	0.00	0.04	-0.06	-0.13
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.14	11.84	-8.84	103.84	-5.84	-13.84	-0.20	-0.49	-0.12	0.00	0.00	0.09	0.04	0.05	-0.03	0.06
FA1OBVOLTAGE_SIN		0.00	78.25	11.16	281.85	11.41	-2.61	-3.86	0.24	-0.09	0.17	0.04	0.01	0.05	-0.05	0.04	0.10
MRBLD1CB42P75_COS		-4028.17	-1702.30	102.01	167.30	-82.94	-29.00	-42.50	-72.88	36.48	34.43	29.18	34.02	1.27	-18.84	-45.53	-6.48
MRBLD1CB42P75_SIN		0.00	-60.21	-26.05	-38.62	204.42	-3.37	15.57	-52.35	-13.68	-24.40	-88.37	34.10	-0.74	-2.16	12.32	-19.02

RUN	POINT	Harmonics															
49	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2768.95	-1062.98	338.28	95.50	-89.09	-28.14	-43.24	-51.97	28.32	35.42	6.49	21.73	4.74	-11.25	-30.87	-4.56
MRBLD1CB70_SIN		0.00	-33.25	-31.36	-9.92	347.07	29.61	109.26	-14.38	-7.29	-18.29	-40.80	16.39	-1.12	0.51	10.45	-15.99
MRBLD1CB120_COS		-556.20	-438.84	446.22	90.99	-43.47	-6.56	-38.63	-17.95	-37.51	-16.90	5.16	-9.49	3.00	9.33	1.06	1.56
MRBLD1CB120_SIN		0.00	95.16	-112.50	-47.08	349.75	46.14	156.19	12.58	7.00	-16.15	46.78	-10.54	9.06	6.98	-4.58	-9.81
MRBLD1CB164_COS		-1974.87	-131.08	135.96	20.40	-41.63	-7.19	-0.88	19.60	-37.85	-21.29	13.40	-7.57	0.05	5.61	16.01	-1.99
MRBLD1CB164_SIN		0.00	80.48	-38.22	-42.91	164.41	24.27	62.68	16.24	-4.03	-22.19	28.94	-2.56	10.99	2.28	-1.26	15.00
MRBLD1FB42P75_COS		3129.41	281.35	-355.78	283.29	33.17	-50.70	-96.22	-244.70	-86.58	-77.23	15.04	68.82	26.40	-3.20	-47.40	-63.55
MRBLD1FB42P75_SIN		0.00	13.26	-45.85	-22.60	314.60	104.44	43.62	-67.21	-21.26	-95.61	-145.66	4.39	2.45	16.81	84.69	-22.75
MRBLD1FB70_COS		425.20	-2.93	-172.17	73.76	-3.72	-10.18	-12.40	-31.88	1.24	0.21	-0.40	-0.42	-2.46	-0.89	10.68	15.22
MRBLD1FB70_SIN		0.00	-192.36	-0.54	-29.62	93.48	12.41	13.42	-5.39	3.47	1.13	1.61	3.75	4.28	-1.48	-17.17	5.17
MRBLD1FB87_COS		-71.06	23.69	-154.56	11.06	-23.04	-22.47	-8.27	21.87	13.30	16.54	0.92	-14.49	-1.97	1.72	5.81	8.56
MRBLD1FB87_SIN		0.00	-188.24	26.38	9.40	48.41	4.01	-2.13	3.71	-0.76	14.78	32.53	-1.11	2.30	0.36	-16.84	3.02
MRBLD1FB120_COS		-469.98	22.03	-244.90	-22.39	-1.14	-13.41	17.42	44.84	-0.45	-1.93	-5.96	3.98	2.62	-1.64	-11.02	-12.66
MRBLD1FB120_SIN		0.00	-247.38	66.38	53.45	30.08	1.71	-21.47	5.60	-6.53	-1.24	-10.84	-2.88	-7.75	-2.16	23.61	-4.53
MRBLD1FB164_COS		-152.35	46.71	-272.11	16.15	53.05	49.13	0.77	-72.34	-1.22	7.74	4.70	-5.56	-1.74	3.17	10.59	7.39
MRBLD1FB164_SIN		0.00	-301.47	34.01	268.19	-97.26	-22.51	12.25	-7.85	-1.07	2.37	22.06	-2.44	2.38	2.33	-11.36	2.84

RUN	POINT	Harmonics															
49	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.89	-9.78	-135.41	6.31	34.45	43.26	-19.81	-70.96	19.06	28.32	-5.33	-23.04	14.38	10.13	-17.46	-20.27
MRBLD1FB180_SIN		0.00	-208.29	31.19	210.83	-62.60	-13.17	26.96	11.57	-10.49	-11.29	56.60	5.11	-2.92	-4.22	31.99	-2.39
MRBLD1TOR51_COS		-1406.01	65.05	47.40	-2.32	-78.71	0.03	12.30	-5.12	7.46	-0.94	-7.53	-2.36	5.08	2.33	-11.88	-3.74
MRBLD1TOR51_SIN		0.00	-81.82	18.75	220.20	-35.32	2.15	-4.50	13.28	13.86	-15.11	0.24	-4.85	4.26	3.82	2.72	-9.05
MRBLD1TOR71_COS		-255.40	83.86	31.87	-11.93	-65.28	7.54	19.17	3.00	7.38	-2.51	-9.06	-4.13	4.52	4.59	-6.92	-3.86
MRBLD1TOR71_SIN		0.00	-81.08	12.30	199.46	-51.48	0.66	-2.40	21.55	17.39	-7.36	6.05	-4.55	2.30	3.30	2.60	-4.98
MRBLD1TOR130_COS		-24.59	70.81	50.90	-18.46	-52.43	7.28	16.77	-1.85	4.68	-1.22	4.89	1.33	0.62	-0.06	1.54	-1.44
MRBLD1TOR130_SIN		0.00	-67.75	7.39	198.32	-51.20	0.87	1.30	12.73	11.50	-4.95	0.60	8.62	2.65	0.31	-0.08	4.90
MRBLD1TOR164_COS		-219.42	38.38	79.83	-17.70	-43.66	-5.09	0.48	0.20	7.63	3.48	0.74	-0.03	1.28	1.33	0.02	-0.28
MRBLD1TOR164_SIN		0.00	-26.79	5.98	111.45	-15.57	2.45	7.60	9.76	2.79	1.96	5.84	6.02	1.34	-1.20	-1.39	0.76
MRFBM1CB26P5_COS		-4737.27	-731.96	0.04	62.56	6.79	1.65	-1.43	-7.81	0.09	-1.22	7.63	2.79	0.27	-0.69	-5.81	-1.11
MRFBM1CB26P5_SIN		0.00	-112.01	5.59	-16.09	-33.16	-11.96	-26.01	-11.42	-3.60	-4.58	-11.65	2.74	0.72	0.15	-0.38	-4.04
MRFBM1FB9_COS		322.21	37.03	108.01	-58.63	17.40	13.34	11.91	6.71	0.42	-2.09	-4.57	-0.74	-0.15	0.94	2.64	-0.89
MRFBM1FB9_SIN		0.00	-43.41	46.23	-25.37	-42.37	-4.23	4.95	11.45	3.40	3.44	2.32	-2.31	-0.76	0.40	1.20	1.85
MRFBM1TOR26P5_COS		-350.05	80.64	-0.24	0.00	-1.53	0.21	0.11	0.03	0.20	0.08	-0.12	-0.04	0.02	0.00	0.04	0.05
MRFBM1TOR26P5_SIN		0.00	-105.76	0.44	1.34	-0.93	-0.41	0.13	0.09	0.27	-0.08	0.11	-0.15	0.07	0.08	-0.01	-0.04

RUN	POINT	Harmonics															
49	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1065.92	-1544.14	22.61	181.23	-46.59	-24.01	-39.52	-69.76	13.94	14.15	31.62	27.99	2.77	-12.44	-43.68	-6.67
MRPC1CB33P25_SIN		0.00	-7.25	-15.58	-46.67	110.64	-9.58	-11.34	-58.24	-19.79	-33.50	-73.66	27.13	2.37	1.44	9.69	-23.13
MRPC1FB33P25_COS		2290.07	210.03	-308.19	237.60	-48.92	-75.75	-89.58	-164.58	-51.73	-4.48	92.81	46.59	17.41	-16.21	-102.40	-16.84
MRPC1FB33P25_SIN		0.00	178.07	-99.48	27.70	278.81	70.69	2.40	-152.09	-58.32	-109.61	-98.06	45.52	19.57	9.55	11.17	-68.86
MRPC1TOR25P5_COS		-757.26	-36.22	-100.73	12.90	73.64	-12.14	-20.84	-5.60	-9.74	4.11	14.23	6.56	-5.47	-4.58	0.55	-1.35
MRPC1TOR25P5_SIN		0.00	133.12	-62.46	-219.51	61.54	2.93	7.08	-23.52	-20.13	13.30	-6.11	13.22	-4.74	-2.78	-2.03	5.11
MRPLK1LOAD_COS		-83.68	0.54	-8.93	2.09	10.29	-0.94	-2.57	0.64	-1.12	0.29	2.14	0.60	-0.77	-0.53	0.42	-0.56
MRPLK1LOAD_SIN		0.00	-11.63	-4.78	-29.96	6.72	0.84	0.35	-2.46	-2.75	2.04	-0.59	1.99	-1.12	-0.69	-0.63	1.21
PITCHRH_COS		9113.24	-8558.13	-293.45	-22.05	-104.71	621.99	-149.93	-38.30	105.63	-82.53	154.54	-51.14	-2.48	25.95	-42.21	-433.71
PITCHRH_SIN		0.00	2427.37	-617.54	59.45	-105.73	721.94	-81.67	82.60	34.98	-139.97	-240.68	72.60	-34.60	67.12	-40.93	97.80
ROLLRH_COS		2471.26	-2117.23	752.98	7.52	-334.23	-1774.72	-139.60	-90.11	118.50	149.98	419.70	-46.83	-30.75	5.90	-42.86	-346.09
ROLLRH_SIN		0.00	-8131.35	-506.11	-5.15	137.21	1569.18	-158.30	-36.99	28.91	-29.86	-137.49	-41.80	0.69	-7.61	-2.29	-447.81
TORQ_COS		32102.07	372.97	-7.20	27.99	-9.81	-15.26	1.08	11.62	-27.90	-1.91	-4.58	-2.75	7.62	-4.21	-3.64	17.92
TORQ_SIN		0.00	684.63	-26.77	24.65	-98.12	57.80	3.39	30.98	-5.24	-5.69	37.60	6.55	-4.36	5.44	-9.59	-17.04
THRUST_COS		5804.90	-66.11	17.57	7.47	8.65	5.22	3.90	20.63	-0.51	-4.18	-30.91	-1.23	3.52	0.11	4.92	2.76
THRUST_SIN		0.00	-51.43	11.41	-0.05	32.98	-44.60	7.59	10.06	0.37	4.71	53.89	-2.26	1.34	-1.92	-8.11	32.47

RUN	POINT	Harmonics															
49	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.58	39.79	-20.07	0.50	11.20	26.52	8.64	1.17	-3.01	-7.04	-15.96	2.11	1.49	-0.36	1.04	11.20
SIDERH_SIN		0.00	163.66	12.22	3.88	-73.66	-229.37	12.18	0.30	-1.29	1.30	5.69	2.49	-0.56	0.58	-0.02	12.64
DRAGRH_COS		-198.86	222.51	10.71	-1.93	-7.81	125.18	-8.17	-2.57	-3.04	3.04	-3.31	4.72	-3.15	-0.96	1.88	20.06
DRAGRH_SIN		0.00	-61.24	19.29	2.06	16.45	160.93	-0.85	-2.78	-0.31	8.68	3.61	-5.98	0.74	-2.11	0.69	-5.53

RUN	POINT	Harmonics															
49	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.01	-0.01	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	0.01	-0.07	0.00	0.01	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.68	1.22	-1.55	6.30	-0.94	-1.64	0.02	0.62	-0.16	-0.14	-0.27	0.04	0.16	0.35	0.03	-0.48
ACT1FORCE_SIN		0.00	13.33	1.12	-1.44	2.25	-0.06	-0.80	1.03	0.42	-1.72	-0.06	0.06	0.47	0.36	0.05	0.06
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.84	-11.18	6.70	-103.55	6.04	13.81	1.09	0.45	-0.02	0.01	-0.06	-0.07	-0.06	-0.05	-0.07	-0.02
FA1IBVOLTAGE_SIN		0.00	-76.85	-10.40	-281.51	-10.04	2.22	4.94	-0.13	0.04	-0.14	0.04	0.02	0.07	0.02	-0.06	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.05	11.34	-6.62	104.65	-5.93	-13.88	-0.76	-0.51	-0.10	-0.02	0.03	0.04	0.03	0.06	0.07	0.03
FA1OBVOLTAGE_SIN		0.00	77.00	10.33	281.95	10.45	-2.06	-4.20	0.21	-0.03	0.14	-0.02	-0.03	-0.03	-0.04	0.03	0.07
MRBLD1CB42P75_COS		-4039.03	-1793.35	70.15	167.75	-76.81	-26.26	-41.44	-68.89	38.39	35.28	27.65	32.33	-1.24	-20.07	-44.05	-2.93
MRBLD1CB42P75_SIN		0.00	-62.55	-26.42	-35.36	206.03	0.82	14.94	-72.02	-18.35	-26.09	-89.50	29.06	-2.48	-4.12	-2.52	-18.76

RUN	POINT	Harmonics															
49	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2757.61	-1118.60	325.44	91.09	-84.52	-12.52	-36.73	-52.81	27.62	36.25	6.24	21.98	2.99	-12.20	-29.94	-1.57
MRBLD1CB70_SIN		0.00	-40.21	-29.78	-6.19	353.50	34.11	113.34	-30.06	-11.66	-20.38	-47.41	13.28	-2.64	0.15	-1.33	-16.29
MRBLD1CB120_COS		-564.67	-457.48	446.58	86.46	-36.27	13.07	-32.20	-23.13	-41.08	-20.65	4.34	-9.08	3.65	9.41	2.74	2.47
MRBLD1CB120_SIN		0.00	85.56	-107.51	-42.17	361.83	49.52	164.98	6.31	3.86	-13.45	48.19	-8.16	9.05	6.59	-3.33	-8.35
MRBLD1CB164_COS		-1976.49	-132.99	137.53	17.35	-36.67	2.01	1.56	16.50	-39.28	-24.66	11.87	-9.23	0.14	5.99	14.25	-3.43
MRBLD1CB164_SIN		0.00	76.91	-37.53	-38.59	169.47	24.43	68.08	19.30	-5.40	-19.76	34.09	-1.65	10.67	2.56	4.75	13.61
MRBLD1FB42P75_COS		3142.76	305.41	-380.53	293.67	63.64	-50.25	-96.93	-252.30	-89.49	-77.59	18.63	60.14	22.57	-8.11	-62.57	-51.66
MRBLD1FB42P75_SIN		0.00	11.91	-43.01	8.54	330.06	111.62	40.23	-101.95	-30.02	-87.37	-133.07	1.72	-1.37	10.23	60.31	-29.44
MRBLD1FB70_COS		427.56	-3.35	-182.73	76.73	4.18	-10.31	-13.04	-33.74	0.33	-0.01	-0.25	0.22	-2.24	-0.59	13.26	12.33
MRBLD1FB70_SIN		0.00	-192.22	-1.83	-17.84	98.11	14.45	12.54	-11.73	2.23	0.96	1.12	3.98	4.93	-0.45	-12.55	6.56
MRBLD1FB87_COS		-68.68	24.71	-160.41	12.85	-19.56	-21.56	-7.65	22.80	13.87	16.73	0.09	-12.37	-0.73	3.07	9.37	6.46
MRBLD1FB87_SIN		0.00	-186.53	23.96	16.43	48.93	3.89	-2.58	6.84	0.52	13.31	29.66	-0.89	2.77	1.78	-11.52	4.30
MRBLD1FB120_COS		-466.88	21.98	-252.24	-22.18	-4.74	-13.02	16.88	46.83	0.90	-1.93	-5.96	2.41	1.52	-3.06	-15.38	-8.64
MRBLD1FB120_SIN		0.00	-242.12	61.33	61.16	26.35	0.21	-21.39	13.45	-5.80	-1.82	-10.39	-3.47	-8.82	-4.51	15.44	-6.63
MRBLD1FB164_COS		-147.06	42.22	-287.15	19.43	39.29	47.44	-2.27	-74.08	-4.25	6.95	2.79	-4.95	-1.34	3.33	12.45	4.90
MRBLD1FB164_SIN		0.00	-290.71	29.94	271.61	-100.11	-20.55	14.61	-17.55	-3.75	2.37	19.87	-2.50	2.79	3.27	-6.52	4.26

RUN	POINT	Harmonics															
49	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.56	-12.33	-144.47	9.34	27.45	42.32	-20.75	-73.84	16.87	27.27	-10.81	-24.91	11.57	9.16	-21.59	-14.60
MRBLD1FB180_SIN		0.00	-200.89	29.87	210.25	-63.18	-12.01	28.25	1.48	-12.11	-13.61	48.78	2.72	-4.38	-7.68	20.50	-6.67
MRBLD1TOR51_COS		-1404.81	64.30	41.33	-0.92	-73.81	3.14	10.13	-8.17	6.55	-0.40	-7.41	-2.19	4.83	3.06	-9.81	-2.13
MRBLD1TOR51_SIN		0.00	-81.40	17.93	221.91	-34.67	1.91	-6.84	8.14	13.36	-14.80	-1.27	-5.34	3.41	2.66	0.13	-7.79
MRBLD1TOR71_COS		-254.21	83.98	27.19	-10.72	-61.85	9.84	16.91	-0.16	6.38	-2.02	-8.89	-3.95	4.21	5.19	-5.37	-2.65
MRBLD1TOR71_SIN		0.00	-80.50	11.28	200.34	-51.46	0.20	-4.65	18.28	17.37	-7.24	4.65	-4.69	1.76	2.65	0.89	-4.30
MRBLD1TOR130_COS		-23.63	70.47	47.66	-17.10	-50.57	9.07	14.85	-3.86	4.09	-1.42	4.24	1.12	-0.05	-0.55	0.79	-1.99
MRBLD1TOR130_SIN		0.00	-67.11	6.37	197.79	-51.50	0.48	-0.11	9.48	11.49	-4.14	1.18	8.33	2.90	0.62	-0.31	3.91
MRBLD1TOR164_COS		-220.10	38.43	80.60	-17.08	-41.14	-3.99	0.13	-0.92	7.38	3.38	0.25	-0.27	1.09	1.11	-0.18	0.17
MRBLD1TOR164_SIN		0.00	-27.19	5.83	110.29	-14.71	2.35	6.38	8.39	3.50	1.97	5.34	5.76	1.26	-1.18	-2.53	0.50
MRFBM1CB26P5_COS		-4747.11	-783.99	-14.84	66.36	7.60	-1.79	-3.13	-6.58	0.86	-1.67	7.08	2.05	0.20	-0.50	-4.92	-0.57
MRFBM1CB26P5_SIN		0.00	-121.45	5.32	-17.51	-35.75	-12.24	-27.20	-13.14	-3.83	-4.29	-9.80	2.26	0.41	-0.65	-1.32	-3.27
MRFBM1FB9_COS		338.30	70.94	125.89	-58.27	15.04	13.06	12.10	5.65	0.19	-1.96	-4.34	-0.68	-0.14	0.79	1.90	-1.03
MRFBM1FB9_SIN		0.00	-57.65	47.98	-32.18	-45.55	-4.81	5.14	13.39	3.97	3.43	2.26	-1.98	-0.58	0.58	1.81	1.55
MRFBM1TOR26P5_COS		-349.95	80.84	-0.19	-0.02	-1.52	0.27	0.07	0.00	0.21	0.08	-0.12	-0.04	0.03	0.00	0.03	0.05
MRFBM1TOR26P5_SIN		0.00	-105.84	0.51	1.35	-0.93	-0.41	0.13	0.10	0.26	-0.08	0.09	-0.14	0.08	0.08	0.01	-0.03

RUN	POINT	Harmonics															
49	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1072.49	-1618.74	-9.57	184.89	-39.71	-27.29	-41.38	-65.92	15.77	13.61	29.77	25.49	1.16	-13.17	-40.80	-2.28
MRPC1CB33P25_SIN		0.00	-0.42	-14.88	-45.40	110.86	-6.19	-12.65	-74.18	-23.73	-33.42	-70.81	22.91	0.43	-1.26	-3.29	-21.69
MRPC1FB33P25_COS		2300.97	230.83	-328.17	240.75	-27.87	-77.52	-88.58	-156.77	-49.87	-9.27	88.43	42.58	17.24	-14.56	-90.96	-3.82
MRPC1FB33P25_SIN		0.00	177.94	-99.37	55.62	298.70	76.85	0.29	-182.06	-66.20	-103.75	-87.26	37.91	14.35	1.71	-17.27	-62.25
MRPC1TOR25P5_COS		-758.86	-34.31	-94.51	11.51	68.89	-15.31	-18.16	-1.78	-8.73	3.29	13.60	6.73	-5.51	-5.51	-0.65	-1.13
MRPC1TOR25P5_SIN		0.00	132.37	-60.06	-219.37	62.05	3.75	9.88	-19.50	-20.14	13.18	-4.08	12.82	-3.92	-1.74	-3.60	3.60
MRPLK1LOAD_COS		-83.82	0.40	-8.19	1.89	9.61	-1.40	-2.21	1.17	-1.00	0.19	2.02	0.65	-0.82	-0.61	0.33	-0.55
MRPLK1LOAD_SIN		0.00	-11.62	-4.80	-30.11	6.75	0.91	0.67	-1.88	-2.72	2.03	-0.33	1.90	-0.99	-0.54	-0.86	0.84
PITCHRH_COS		8551.64	-8550.00	-296.16	-14.71	-113.75	732.74	-132.20	-47.04	90.32	-81.04	161.01	-58.46	13.18	41.28	-41.33	-454.25
PITCHRH_SIN		0.00	2438.34	-616.53	76.02	-100.71	688.69	-105.65	122.85	26.63	-124.85	-225.10	67.01	-16.55	14.47	-46.42	53.70
ROLLRH_COS		2720.24	-2094.57	739.41	17.41	-322.33	-1817.68	-111.26	-71.68	127.89	134.07	386.07	-42.87	-26.91	-33.68	-7.89	-340.98
ROLLRH_SIN		0.00	-8153.26	-537.90	-21.10	154.79	1724.74	-164.68	-76.67	5.80	-38.04	-132.26	-41.99	-7.55	-38.36	-28.36	-532.28
TORQ_COS		31929.62	385.22	-6.63	25.03	-23.58	-12.79	3.73	9.21	-31.26	-1.88	-4.88	-1.73	3.85	-2.14	-5.42	15.32
TORQ_SIN		0.00	645.12	-27.64	20.67	-80.28	54.10	4.98	33.39	-5.07	-6.95	30.41	3.68	-6.91	7.18	-9.22	-18.45
THRUST_COS		5848.23	-65.86	17.51	5.59	10.83	2.99	2.36	20.54	1.28	-4.36	-30.52	0.79	1.23	0.85	3.45	-2.30
THRUST_SIN		0.00	-47.86	12.11	1.00	31.19	-47.14	6.54	11.90	0.66	4.87	47.37	-3.68	0.52	1.42	-5.67	38.66

RUN	POINT	Harmonics															
49	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.23	33.31	-19.03	0.84	4.96	19.94	5.83	0.93	-2.93	-6.53	-14.76	1.77	1.30	0.95	0.12	10.81
SIDERH_SIN		0.00	169.18	13.55	3.03	-72.73	-239.10	10.17	1.16	-0.43	1.54	5.72	3.01	-0.19	1.73	0.78	15.22
DRAGRH_COS		-201.64	222.31	9.82	-2.11	-6.92	137.33	-9.38	-2.79	-1.55	4.23	-4.39	6.42	-3.05	-1.64	2.00	20.82
DRAGRH_SIN		0.00	-60.62	19.06	2.46	18.50	168.21	1.75	-3.74	-1.77	8.13	2.66	-5.15	0.72	-0.07	1.18	-3.69

RUN	POINT	Harmonics															
49	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.05	0.01	-0.02	-0.02	0.00	0.00	0.02	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.01	0.00	0.00	0.02	0.01	-0.08	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.26	1.19	-1.54	6.39	-0.98	-1.58	0.19	0.87	-0.17	-0.15	-0.33	0.03	0.10	0.42	-0.02	-0.45
ACT1FORCE_SIN		0.00	13.49	1.17	-1.60	2.50	-0.27	-0.69	0.95	0.42	-1.82	-0.25	-0.02	0.56	0.41	0.13	0.03
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.33	-11.56	6.45	-104.12	6.70	13.81	-0.26	0.42	-0.01	-0.02	-0.14	-0.12	-0.12	-0.05	-0.06	-0.05
FA1IBVOLTAGE_SIN		0.00	-78.06	-11.07	-280.90	-11.44	3.78	4.36	-0.25	0.12	-0.15	0.01	0.01	0.06	0.06	0.00	-0.14
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.57	11.73	-6.38	105.22	-6.58	-13.90	0.60	-0.47	-0.11	0.02	0.11	0.08	0.10	0.05	0.05	0.06
FA1OBVOLTAGE_SIN		0.00	78.22	11.01	281.33	11.87	-3.61	-3.62	0.34	-0.13	0.14	0.02	-0.02	0.00	-0.07	-0.03	0.11
MRBLD1CB42P75_COS		-4002.13	-1620.33	70.97	165.15	-80.26	-37.50	-45.62	-71.21	43.17	32.90	19.29	51.69	1.73	-19.29	-43.92	-3.40
MRBLD1CB42P75_SIN		0.00	-18.91	-24.59	-34.77	193.27	0.97	14.14	-80.67	-13.75	-19.11	-129.62	49.73	5.07	2.28	7.59	-14.52

RUN	POINT	Harmonics															
49	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2776.02	-1010.79	318.23	91.43	-88.61	-42.80	-47.80	-54.00	35.51	33.53	-6.49	33.50	5.51	-12.41	-30.71	-2.40
MRBLD1CB70_SIN		0.00	2.20	-35.10	-5.89	333.65	44.82	108.78	-34.92	-9.30	-12.99	-68.25	23.82	1.01	3.20	4.16	-15.06
MRBLD1CB120_COS		-570.15	-424.24	434.49	79.87	-54.23	-23.94	-46.86	-26.95	-33.91	-16.21	12.76	-17.17	3.21	9.27	1.16	1.26
MRBLD1CB120_SIN		0.00	120.07	-114.45	-39.58	341.84	64.75	153.90	2.38	3.58	-23.88	69.06	-17.91	6.66	4.81	-4.44	-9.23
MRBLD1CB164_COS		-1980.70	-127.19	135.42	15.32	-45.34	-13.89	-3.19	14.70	-38.81	-18.96	24.19	-14.19	0.73	7.08	15.25	-3.28
MRBLD1CB164_SIN		0.00	87.83	-39.59	-41.80	162.77	31.73	62.33	20.13	-6.25	-30.94	51.39	-8.39	8.82	-0.22	2.12	13.71
MRBLD1FB42P75_COS		3120.39	256.63	-374.98	270.29	2.28	-62.10	-107.56	-282.68	-87.65	-90.84	9.43	85.94	26.66	-4.79	-54.14	-51.85
MRBLD1FB42P75_SIN		0.00	7.97	-38.24	-6.98	328.90	96.51	36.01	-116.08	-28.81	-111.64	-173.07	4.39	5.11	16.71	74.72	-21.91
MRBLD1FB70_COS		425.93	-6.20	-181.30	68.70	-12.77	-14.46	-14.57	-38.04	2.44	0.43	-0.88	-0.04	-1.53	-0.05	12.07	12.75
MRBLD1FB70_SIN		0.00	-191.25	2.04	-24.14	97.01	11.19	11.50	-14.23	2.36	0.60	0.70	3.30	3.90	-1.47	-15.43	4.60
MRBLD1FB87_COS		-68.61	21.91	-158.61	9.83	-25.11	-22.79	-6.10	26.36	14.47	19.64	4.11	-19.06	-2.01	2.24	7.62	6.18
MRBLD1FB87_SIN		0.00	-189.84	26.42	11.43	50.03	3.55	-2.16	8.41	0.14	17.46	39.31	-1.05	1.45	0.28	-14.07	3.94
MRBLD1FB120_COS		-463.27	23.35	-248.68	-20.98	1.53	-10.60	20.81	53.08	-3.21	-3.59	-8.34	5.27	1.82	-3.22	-13.87	-8.93
MRBLD1FB120_SIN		0.00	-251.57	64.83	52.20	29.52	0.43	-20.07	17.70	-5.14	-1.32	-12.46	-3.11	-7.69	-2.86	19.09	-6.17
MRBLD1FB164_COS		-146.81	46.83	-289.07	19.67	56.36	52.14	-6.04	-85.08	3.26	8.83	7.53	-9.33	-2.11	2.89	11.05	4.75
MRBLD1FB164_SIN		0.00	-304.57	35.27	268.31	-98.90	-21.82	14.79	-26.99	-4.03	1.45	25.80	-2.05	1.92	2.17	-8.84	3.97

RUN	POINT	Harmonics															
49	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.11	-8.28	-145.12	11.24	37.61	45.08	-24.39	-81.25	22.69	30.85	-0.22	-34.87	10.04	5.37	-22.13	-15.86
MRBLD1FB180_SIN		0.00	-210.26	31.84	210.93	-64.64	-13.32	27.33	-4.77	-13.04	-8.05	70.44	2.60	-7.20	-8.18	25.74	-4.74
MRBLD1TOR51_COS		-1407.65	65.32	42.32	-4.14	-80.50	-0.79	9.44	-11.28	10.11	-1.30	-8.60	-4.00	4.99	2.95	-11.09	-2.52
MRBLD1TOR51_SIN		0.00	-81.08	19.97	220.62	-34.99	4.61	-7.35	0.13	13.07	-14.41	1.63	-6.89	2.43	1.89	1.12	-8.00
MRBLD1TOR71_COS		-256.25	82.81	28.16	-13.59	-66.38	7.13	16.85	-2.28	9.38	-2.81	-9.85	-6.45	4.38	5.07	-6.35	-2.83
MRBLD1TOR71_SIN		0.00	-80.76	13.53	199.53	-51.07	2.73	-4.80	12.20	16.87	-6.29	8.98	-6.54	0.69	1.74	1.61	-4.38
MRBLD1TOR130_COS		-24.83	70.85	48.11	-19.24	-51.85	7.31	14.75	-6.32	6.10	-1.37	6.02	1.45	0.58	0.01	1.27	-2.04
MRBLD1TOR130_SIN		0.00	-67.48	8.35	197.80	-51.72	2.83	-0.56	4.40	10.46	-5.58	-0.14	10.63	3.36	1.22	0.57	4.41
MRBLD1TOR164_COS		-220.08	38.34	80.96	-18.42	-43.95	-5.79	1.04	-1.62	7.60	3.32	0.82	-0.51	0.95	0.42	-0.30	-0.24
MRBLD1TOR164_SIN		0.00	-26.13	6.46	111.13	-15.62	2.78	6.66	7.79	2.45	1.90	6.52	6.40	1.68	-1.15	-2.05	0.40
MRFBM1CB26P5_COS		-4721.32	-695.37	-13.04	63.04	9.38	2.57	-1.72	-6.99	-0.33	-1.62	8.92	3.10	-0.24	-0.82	-5.64	-1.04
MRFBM1CB26P5_SIN		0.00	-92.53	6.28	-15.66	-34.10	-14.61	-26.67	-14.44	-3.62	-5.48	-13.84	3.51	0.89	-0.31	-0.48	-3.03
MRFBM1FB9_COS		308.56	14.22	124.98	-55.38	21.95	14.22	12.01	6.27	0.10	-2.21	-5.30	-1.00	-0.07	1.04	2.36	-0.78
MRFBM1FB9_SIN		0.00	-40.33	43.40	-27.88	-42.13	-3.66	6.05	14.80	3.61	3.91	3.57	-3.05	-0.93	0.33	1.44	1.60
MRFBM1TOR26P5_COS		-350.21	80.13	-0.28	0.01	-1.49	0.20	0.07	0.01	0.22	0.07	-0.17	-0.03	0.02	0.02	0.02	0.05
MRFBM1TOR26P5_SIN		0.00	-106.07	0.44	1.30	-0.94	-0.35	0.08	0.03	0.28	-0.04	0.14	-0.22	0.06	0.07	-0.02	-0.04

RUN	POINT	Harmonics															
49	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1044.72	-1471.51	-6.39	179.88	-46.23	-28.33	-42.95	-70.48	17.55	12.96	27.58	40.07	2.60	-13.23	-42.32	-3.54
MRPC1CB33P25_SIN		0.00	24.20	-10.06	-42.26	104.12	-11.02	-13.62	-83.71	-20.36	-33.92	-100.44	37.26	5.88	3.49	5.20	-18.41
MRPC1FB33P25_COS		2281.44	187.85	-324.68	224.75	-77.13	-83.16	-95.92	-174.81	-48.96	-6.71	104.05	59.61	15.64	-17.61	-98.48	-11.14
MRPC1FB33P25_SIN		0.00	171.89	-96.73	39.03	283.54	61.30	-6.81	-204.99	-64.16	-128.16	-122.33	57.15	22.01	8.68	-0.77	-57.78
MRPC1TOR25P5_COS		-756.50	-38.66	-94.66	14.15	75.25	-12.02	-18.18	0.73	-12.17	4.13	15.82	10.37	-5.95	-5.56	0.10	-2.22
MRPC1TOR25P5_SIN		0.00	130.91	-65.65	-219.59	60.25	0.14	9.60	-11.88	-20.25	12.21	-11.97	18.01	-2.22	-0.28	-1.50	4.88
MRPLK1LOAD_COS		-83.38	0.57	-8.28	2.30	10.49	-0.87	-2.08	1.54	-1.53	0.31	2.50	0.90	-0.84	-0.66	0.36	-0.70
MRPLK1LOAD_SIN		0.00	-11.49	-5.08	-30.06	6.57	0.46	0.77	-0.73	-2.73	1.85	-1.21	2.76	-0.77	-0.31	-0.49	1.07
PITCHRH_COS		9503.09	-8555.26	-272.02	-23.66	-132.06	578.65	-88.44	-72.79	128.27	-86.12	184.50	-57.10	11.12	-5.23	-45.16	-425.47
PITCHRH_SIN		0.00	2445.74	-618.28	68.83	-107.98	752.67	-37.21	68.71	22.90	-144.25	-250.42	85.03	-11.26	1.52	-46.56	161.93
ROLLRH_COS		2452.80	-2113.72	739.22	21.59	-366.01	-1861.98	-130.32	-79.01	127.55	137.23	448.66	-51.88	-37.26	-70.78	-29.28	-434.05
ROLLRH_SIN		0.00	-8111.46	-505.89	-8.10	146.24	1466.83	-144.74	-83.99	37.34	-36.81	-145.04	-56.76	19.33	4.53	-26.28	-378.02
TORQ_COS		32419.07	387.24	-10.08	23.53	-43.30	-9.47	-0.47	2.76	-26.23	-1.69	-5.51	-2.43	6.06	-2.03	-3.88	14.49
TORQ_SIN		0.00	684.64	-24.80	20.69	-88.75	56.06	4.38	35.90	-6.56	-7.60	43.03	3.36	-7.58	7.93	-8.84	-19.27
THRUST_COS		5764.03	-66.14	18.23	6.49	14.77	7.27	4.34	16.50	-0.71	-4.07	-32.39	-0.69	3.20	2.42	3.89	8.33
THRUST_SIN		0.00	-50.64	11.22	-0.06	33.00	-43.46	5.65	16.82	0.95	6.25	59.63	-3.00	-0.82	1.13	-5.78	32.19

RUN	POINT	Harmonics															
49	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.59	34.97	-19.75	0.23	11.35	36.12	13.15	0.42	-3.61	-6.32	-17.03	2.32	1.58	2.05	0.68	13.68
SIDERH_SIN		0.00	162.78	13.32	4.23	-79.05	-229.63	10.03	1.62	-1.78	1.81	5.74	3.29	-1.08	0.38	0.76	10.55
DRAGRH_COS		-197.33	221.79	10.16	-2.44	-11.10	119.38	-11.01	-2.75	-2.03	2.79	-5.10	4.97	-2.96	0.50	2.17	19.39
DRAGRH_SIN		0.00	-61.03	19.74	1.95	16.95	170.16	-7.66	-2.74	1.23	10.81	2.27	-6.66	1.21	0.30	1.13	-7.92

RUN	POINT	Harmonics															
49	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.06	0.00	0.00	0.00	0.04	0.00	-0.01	-0.01	0.00	0.00	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.01	0.00	0.00	0.03	0.01	-0.07	-0.01	0.01	0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.38	1.32	-1.86	6.33	-0.99	-1.66	0.01	0.63	-0.25	-0.15	-0.25	0.03	0.16	0.30	-0.01	-0.41
ACT1FORCE_SIN		0.00	13.35	1.17	-1.38	2.38	-0.11	-0.81	1.07	0.30	-1.75	-0.18	0.00	0.45	0.41	0.01	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.18	-12.37	8.81	-103.44	7.17	13.67	1.05	0.46	-0.08	0.01	-0.07	-0.05	-0.08	-0.07	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-76.96	-11.11	-281.95	-10.69	2.72	4.88	-0.09	0.14	-0.14	-0.01	0.04	0.06	0.08	-0.03	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.74	12.53	-8.73	104.54	-7.04	-13.75	-0.72	-0.52	-0.05	-0.02	0.03	0.04	0.06	0.08	0.00	0.03
FA1OBVOLTAGE_SIN		0.00	77.11	11.05	282.39	11.09	-2.54	-4.15	0.18	-0.14	0.13	0.03	-0.05	-0.01	-0.09	0.01	0.06
MRBLD1CB42P75_COS		-4014.17	-1714.89	92.36	174.42	-78.34	-31.03	-49.91	-51.20	38.00	40.07	21.55	37.09	1.11	-15.52	-43.98	-5.93
MRBLD1CB42P75_SIN		0.00	-45.41	-20.10	-32.07	219.92	-3.01	12.91	-78.30	-12.58	-20.34	-111.46	41.88	2.99	1.99	14.86	-17.68

RUN	POINT	Harmonics															
49	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2773.78	-1069.41	333.70	97.56	-84.35	-36.65	-45.77	-42.55	31.92	40.89	1.81	25.66	3.46	-7.97	-28.07	-3.99
MRBLD1CB70_SIN		0.00	-30.35	-27.05	0.07	372.52	41.73	107.42	-31.95	-5.84	-15.96	-66.15	22.44	-0.68	2.64	11.45	-17.27
MRBLD1CB120_COS		-557.40	-438.00	446.97	92.34	-36.86	-20.86	-37.24	-20.69	-34.80	-19.24	10.45	-9.72	4.01	9.10	1.31	2.07
MRBLD1CB120_SIN		0.00	83.95	-108.48	-39.94	371.98	59.51	153.39	-0.43	2.79	-19.57	59.93	-13.74	7.27	5.67	-5.17	-11.37
MRBLD1CB164_COS		-1974.40	-130.21	134.63	20.96	-37.26	-14.60	2.46	12.36	-36.91	-24.78	16.42	-9.42	1.73	4.83	14.11	-2.43
MRBLD1CB164_SIN		0.00	75.34	-37.02	-38.37	174.41	30.74	63.87	17.16	-7.91	-24.87	50.61	-6.09	11.11	1.68	-1.99	16.88
MRBLD1FB42P75_COS		3128.52	283.88	-360.97	312.73	55.46	-52.62	-104.15	-231.95	-88.40	-72.59	22.92	73.99	34.15	6.87	-41.75	-63.14
MRBLD1FB42P75_SIN		0.00	9.93	-40.48	-4.42	319.18	92.20	47.53	-131.82	-19.56	-86.14	-132.89	10.32	5.70	16.76	83.53	-26.17
MRBLD1FB70_COS		425.84	-3.66	-175.04	83.63	1.68	-12.32	-15.83	-30.58	0.21	0.24	-1.38	-0.53	-3.33	-2.75	9.34	14.67
MRBLD1FB70_SIN		0.00	-190.90	-0.19	-22.76	95.35	8.26	12.33	-18.74	2.06	-0.02	-0.04	2.93	3.82	-1.68	-17.13	6.03
MRBLD1FB87_COS		-70.15	22.68	-157.30	16.91	-20.42	-21.91	-7.18	21.18	14.30	16.50	0.93	-15.11	-2.77	0.30	5.08	9.02
MRBLD1FB87_SIN		0.00	-184.68	25.88	14.17	48.86	3.16	-2.39	9.63	-1.22	12.98	30.43	-3.08	1.09	0.61	-16.38	3.56
MRBLD1FB120_COS		-468.00	19.37	-250.02	-18.72	-4.45	-12.16	20.52	42.23	-0.01	-3.16	-6.81	3.64	2.64	-0.18	-9.93	-13.12
MRBLD1FB120_SIN		0.00	-237.85	65.52	62.43	29.99	5.05	-20.24	23.99	-5.11	0.09	-9.41	-1.02	-6.24	-2.17	22.97	-5.27
MRBLD1FB164_COS		-150.79	42.94	-276.29	20.81	42.37	48.67	-6.28	-67.93	-3.33	9.63	5.59	-5.03	-1.75	2.29	10.86	9.11
MRBLD1FB164_SIN		0.00	-289.88	32.73	277.51	-99.57	-16.82	10.34	-33.41	-1.36	1.62	21.15	-4.12	1.18	2.47	-10.81	2.59

RUN	POINT	Harmonics															
49	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.09	-11.28	-137.64	7.91	29.68	43.12	-24.69	-66.99	19.46	31.12	-4.51	-26.05	12.53	11.17	-16.95	-21.68
MRBLD1FB180_SIN		0.00	-201.88	30.65	214.66	-62.72	-10.55	25.91	-10.59	-9.22	-12.04	54.17	3.07	-2.65	-5.14	29.92	-4.10
MRBLD1TOR51_COS		-1405.34	65.22	45.50	0.56	-74.81	1.73	7.70	-2.96	6.15	0.14	-7.09	-2.83	4.38	2.23	-11.49	-3.78
MRBLD1TOR51_SIN		0.00	-81.03	18.98	221.14	-36.55	3.55	-4.24	1.74	14.04	-14.14	-0.72	-5.30	4.05	4.19	2.33	-9.74
MRBLD1TOR71_COS		-254.76	84.12	30.36	-10.08	-62.52	8.99	15.47	3.33	6.37	-1.65	-8.26	-4.53	3.76	4.52	-6.66	-3.72
MRBLD1TOR71_SIN		0.00	-80.25	12.17	199.48	-53.64	1.87	-2.73	12.87	17.18	-7.13	5.53	-5.39	1.64	3.32	2.15	-5.38
MRBLD1TOR130_COS		-24.11	70.74	49.81	-17.53	-50.78	8.32	13.91	-0.58	4.31	-0.56	5.39	1.90	0.82	0.53	1.51	-1.23
MRBLD1TOR130_SIN		0.00	-66.68	7.14	197.37	-53.11	2.21	1.00	4.49	10.98	-4.63	0.71	8.78	2.67	0.45	-0.17	5.19
MRBLD1TOR164_COS		-219.73	38.63	79.59	-18.08	-41.83	-4.50	-0.80	-0.27	7.92	3.72	0.98	0.27	1.28	1.89	0.23	0.38
MRBLD1TOR164_SIN		0.00	-27.37	5.62	109.61	-15.80	1.97	7.85	7.44	3.37	2.10	5.82	6.25	1.60	-0.87	-1.16	0.72
MRFBM1CB26P5_COS		-4733.35	-739.36	-3.61	65.52	7.29	3.17	-3.09	-3.86	-0.49	-1.84	6.72	2.16	0.43	-0.81	-5.87	-1.00
MRFBM1CB26P5_SIN		0.00	-103.57	8.38	-17.82	-34.53	-14.46	-25.93	-14.23	-3.26	-3.98	-8.75	2.93	1.56	0.62	-0.13	-3.69
MRFBM1FB9_COS		324.73	43.05	112.91	-64.27	15.39	13.10	12.80	3.92	0.40	-2.11	-4.52	-0.68	-0.11	0.81	2.56	-1.01
MRFBM1FB9_SIN		0.00	-53.18	42.23	-32.33	-44.53	-3.87	5.11	13.50	3.36	3.06	2.65	-2.72	-1.07	0.04	0.94	1.81
MRFBM1TOR26P5_COS		-350.07	80.60	-0.26	0.00	-1.54	0.22	0.03	0.02	0.19	0.08	-0.13	-0.07	0.02	-0.01	0.03	0.03
MRFBM1TOR26P5_SIN		0.00	-105.90	0.46	1.33	-0.94	-0.38	0.15	0.05	0.26	-0.08	0.07	-0.16	0.07	0.09	0.00	-0.05

RUN	POINT	Harmonics															
49	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1057.01	-1553.41	14.76	189.88	-41.19	-23.99	-46.77	-50.26	13.64	16.70	26.25	28.99	3.60	-9.94	-42.06	-5.49
MRPC1CB33P25_SIN		0.00	7.58	-9.99	-44.35	117.29	-13.91	-11.92	-81.95	-18.17	-29.83	-80.88	32.77	6.05	5.42	11.97	-22.36
MRPC1FB33P25_COS		2288.53	212.07	-313.24	258.50	-31.49	-74.23	-96.52	-128.24	-53.92	-5.75	91.42	46.96	20.08	-9.79	-97.70	-12.31
MRPC1FB33P25_SIN		0.00	174.59	-95.45	48.55	288.94	60.75	3.08	-196.79	-57.43	-99.44	-85.12	53.92	27.83	17.48	14.89	-69.96
MRPC1TOR25P5_COS		-758.71	-36.21	-98.60	10.61	70.39	-14.68	-16.13	-6.46	-8.38	2.66	13.49	8.41	-4.80	-3.27	0.80	-0.20
MRPC1TOR25P5_SIN		0.00	131.60	-62.29	-219.10	64.19	1.68	6.34	-12.72	-20.96	12.90	-6.23	14.59	-4.27	-2.56	-1.51	6.26
MRPLK1LOAD_COS		-83.69	0.51	-8.73	1.71	9.79	-1.18	-1.83	0.48	-0.95	0.10	2.10	0.81	-0.70	-0.32	0.47	-0.29
MRPLK1LOAD_SIN		0.00	-11.67	-4.78	-29.96	7.04	0.65	0.25	-0.83	-2.82	1.87	-0.44	2.12	-1.13	-0.70	-0.61	1.38
PITCHRH_COS		9029.71	-8545.05	-287.44	-15.49	-123.01	718.53	-64.54	-77.23	129.58	-82.59	133.22	-46.75	27.76	11.11	-45.23	-420.92
PITCHRH_SIN		0.00	2462.25	-610.25	66.53	-118.06	736.64	-36.86	67.45	56.00	-142.97	-215.30	76.62	-16.70	91.41	-38.10	78.81
ROLLRH_COS		2659.11	-2063.85	769.60	8.39	-348.04	-1796.49	-111.90	-96.02	124.04	155.82	376.71	-48.04	-8.46	-0.39	-28.36	-342.38
ROLLRH_SIN		0.00	-8096.76	-526.64	-14.97	141.32	1733.12	-162.50	-93.97	37.10	-45.73	-140.12	-39.41	11.13	21.47	-7.92	-443.91
TORQ_COS		32048.38	409.94	-3.51	31.69	-24.85	-15.23	-0.57	-3.29	-24.40	-0.86	-0.13	-1.88	4.39	-1.01	-3.52	15.41
TORQ_SIN		0.00	679.57	-24.75	21.65	-104.01	61.72	6.43	40.02	-2.36	-5.83	26.26	5.11	-5.08	4.25	-9.45	-18.26
THRUST_COS		5808.10	-66.41	16.69	7.77	12.21	2.64	3.35	16.30	-1.77	-4.42	-25.55	-0.80	0.73	1.45	2.97	-0.02
THRUST_SIN		0.00	-49.33	12.72	-0.61	35.27	-40.05	5.72	20.11	-1.05	5.54	43.31	-4.45	-0.50	-3.27	-6.96	34.64

RUN	POINT	Harmonics															
49	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.01	25.94	-20.32	0.64	12.21	17.77	11.94	1.16	-3.46	-7.50	-14.81	2.41	0.66	-0.26	0.65	10.86
SIDERH_SIN		0.00	159.24	13.49	4.71	-78.22	-237.57	8.38	2.86	-1.73	2.23	6.50	2.85	-0.70	-0.08	0.29	12.58
DRAGRH_COS		-199.14	221.24	9.58	-2.47	-8.26	139.75	-14.87	-1.08	-3.78	3.10	-2.50	4.02	-3.47	-1.05	2.08	19.15
DRAGRH_SIN		0.00	-59.97	18.38	1.71	15.85	163.87	-10.02	-5.14	-0.10	10.59	3.28	-6.05	1.23	-3.28	1.05	-4.44

RUN	POINT	Harmonics															
49	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.05	0.00	0.00	0.00	0.04	0.01	-0.01	-0.01	0.00	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	0.01	-0.08	0.00	0.01	0.02	0.01	0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.40	1.36	-1.94	6.33	-1.14	-1.50	0.00	0.59	-0.18	-0.02	-0.21	0.08	0.13	0.35	-0.01	-0.37
ACT1FORCE_SIN		0.00	13.34	1.30	-1.35	2.13	-0.09	-0.67	0.89	0.33	-1.89	-0.11	0.05	0.49	0.33	0.05	-0.06
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.05	-12.82	8.88	-102.82	7.71	12.78	1.12	0.36	-0.06	0.01	-0.05	-0.04	-0.08	-0.01	-0.03	-0.03
FA1IBVOLTAGE_SIN		0.00	-77.10	-11.85	-282.50	-9.29	2.43	3.92	-0.09	0.12	-0.15	-0.03	-0.02	0.09	0.04	-0.01	-0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.84	12.98	-8.81	103.94	-7.59	-12.87	-0.79	-0.42	-0.05	-0.03	0.02	0.01	0.05	0.02	0.03	0.04
FA1OBVOLTAGE_SIN		0.00	77.26	11.78	282.94	9.70	-2.26	-3.18	0.17	-0.11	0.16	0.04	0.00	-0.04	-0.06	-0.02	0.10
MRBLD1CB42P75_COS		-4031.39	-1647.23	103.31	166.73	-83.87	-32.92	-35.92	-74.25	34.04	38.47	33.19	34.10	-0.46	-14.94	-28.43	-12.62
MRBLD1CB42P75_SIN		0.00	-276.51	-34.06	-28.76	198.26	1.38	15.26	-56.02	-16.09	-16.67	-96.07	39.23	-0.70	-2.08	8.87	-11.51

RUN	POINT	Harmonics															
49	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2764.99	-1026.35	345.09	93.18	-92.57	-29.24	-37.94	-53.59	25.23	38.20	10.41	23.41	2.86	-8.69	-16.86	-9.64
MRBLD1CB70_SIN		0.00	-170.10	-35.81	-3.13	347.77	42.97	101.01	-17.81	-8.22	-11.58	-52.11	21.00	-2.53	-1.01	8.19	-9.48
MRBLD1CB120_COS		-556.40	-421.07	459.70	87.72	-49.42	-2.51	-34.85	-17.33	-37.91	-19.57	3.23	-10.78	3.66	8.09	1.40	0.37
MRBLD1CB120_SIN		0.00	38.38	-114.71	-46.33	344.39	59.03	140.27	9.80	5.12	-22.50	53.11	-13.26	6.89	5.00	-2.91	-8.67
MRBLD1CB164_COS		-1974.53	-126.84	140.80	17.63	-45.09	-5.44	-0.70	20.54	-36.80	-22.76	9.49	-9.18	1.40	5.16	7.87	2.65
MRBLD1CB164_SIN		0.00	65.90	-38.73	-40.81	160.81	30.78	55.62	16.24	-5.14	-29.64	38.95	-7.72	10.31	2.25	-1.63	11.04
MRBLD1FB42P75_COS		3143.18	267.63	-361.81	287.42	8.84	-40.36	-83.12	-244.76	-90.90	-78.16	26.28	63.69	24.29	2.06	-25.47	-54.57
MRBLD1FB42P75_SIN		0.00	60.53	-52.79	-11.22	271.84	105.90	42.75	-67.22	-24.37	-98.85	-135.22	6.93	-1.80	5.04	48.28	-3.82
MRBLD1FB70_COS		426.42	-2.87	-173.86	74.71	-11.78	-8.73	-10.44	-32.57	0.86	0.53	-0.76	-0.39	-2.23	-1.86	6.01	13.00
MRBLD1FB70_SIN		0.00	-193.65	-3.70	-24.82	80.47	12.94	10.72	-7.13	2.09	0.87	0.93	3.24	4.33	0.29	-10.27	1.21
MRBLD1FB87_COS		-72.41	21.90	-157.00	12.03	-26.25	-22.32	-9.05	21.24	13.80	16.72	-1.23	-14.02	-1.76	0.99	1.79	7.00
MRBLD1FB87_SIN		0.00	-187.74	24.38	13.19	44.13	5.34	-2.85	3.52	-0.90	15.04	31.06	-1.73	2.58	2.64	-8.44	-0.03
MRBLD1FB120_COS		-472.59	16.81	-252.35	-21.57	-3.28	-12.83	14.38	45.12	-0.09	-2.62	-5.81	3.70	1.97	-1.18	-5.24	-10.36
MRBLD1FB120_SIN		0.00	-243.78	63.77	58.08	33.44	2.75	-18.41	7.54	-5.07	-1.62	-11.13	-2.65	-7.75	-5.03	11.62	0.14
MRBLD1FB164_COS		-147.26	39.76	-284.14	20.37	56.40	48.40	2.21	-71.67	-1.62	8.25	3.59	-4.86	-0.38	3.27	7.77	7.34
MRBLD1FB164_SIN		0.00	-288.93	28.54	265.77	-80.33	-31.31	12.00	-10.23	-2.25	4.02	22.26	-2.79	1.77	3.17	-5.42	-0.44

RUN	POINT	Harmonics															
49	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.43	-13.77	-142.84	8.28	38.48	42.33	-18.18	-72.49	18.83	29.55	-9.62	-25.06	11.57	10.31	-9.56	-17.21
MRBLD1FB180_SIN		0.00	-199.77	27.95	208.06	-52.71	-18.34	25.00	8.87	-10.84	-9.22	52.89	1.13	-5.11	-9.58	15.43	2.35
MRBLD1TOR51_COS		-1403.81	62.51	47.28	-1.79	-77.60	0.71	12.60	-7.53	6.98	0.68	-6.34	-2.32	4.36	3.41	-5.78	-3.18
MRBLD1TOR51_SIN		0.00	-83.20	16.40	222.10	-38.14	1.00	-3.44	13.51	12.55	-15.86	-0.33	-5.11	3.45	2.45	1.06	-7.45
MRBLD1TOR71_COS		-254.03	81.62	31.83	-11.71	-64.00	7.76	18.96	1.34	7.11	-1.30	-8.22	-3.60	3.75	5.15	-3.36	-3.07
MRBLD1TOR71_SIN		0.00	-80.20	10.67	200.65	-52.80	-1.17	-1.66	22.03	16.58	-8.25	5.34	-4.75	1.87	2.27	1.46	-4.41
MRBLD1TOR130_COS		-23.72	69.27	51.40	-18.03	-51.07	7.03	16.66	-1.96	4.48	-0.81	4.86	1.68	0.56	-0.02	-0.77	-1.86
MRBLD1TOR130_SIN		0.00	-67.68	6.52	198.92	-49.83	-1.10	1.62	13.58	11.42	-5.52	0.93	8.20	2.54	0.80	0.61	3.93
MRBLD1TOR164_COS		-219.91	38.08	80.89	-18.08	-43.16	-6.15	-0.06	-0.24	7.70	3.25	-0.37	0.00	1.47	1.81	-0.14	-1.24
MRBLD1TOR164_SIN		0.00	-27.97	6.26	111.46	-16.96	3.13	7.18	10.26	3.61	2.48	5.48	5.43	0.85	-1.20	-1.00	1.17
MRFBM1CB26P5_COS		-4749.67	-692.95	-0.45	63.60	8.76	-0.28	-0.49	-8.03	0.32	-1.40	7.24	2.22	0.33	0.26	-3.90	-1.30
MRFBM1CB26P5_SIN		0.00	-209.13	4.01	-15.66	-33.17	-14.77	-23.74	-10.96	-4.04	-4.23	-9.71	2.75	0.75	0.29	-0.67	-3.14
MRFBM1FB9_COS		340.99	21.09	111.29	-59.68	18.52	12.51	10.67	6.95	0.43	-2.18	-4.82	-0.69	-0.27	0.50	1.44	-0.17
MRFBM1FB9_SIN		0.00	22.64	48.94	-28.44	-37.06	-5.68	4.57	11.34	3.57	3.28	2.12	-2.32	-0.67	0.22	0.55	1.74
MRFBM1TOR26P5_COS		-350.16	84.66	-0.28	0.02	-1.49	0.27	0.08	0.04	0.17	0.09	-0.10	-0.06	0.04	-0.02	0.10	0.05
MRFBM1TOR26P5_SIN		0.00	-100.81	0.38	1.44	-0.99	-0.36	0.12	0.04	0.30	-0.09	0.11	-0.17	0.09	0.06	-0.03	-0.01

RUN	POINT	Harmonics															
49	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1076.31	-1506.13	22.42	183.61	-47.19	-25.82	-34.09	-69.86	11.93	16.69	33.73	26.32	2.89	-8.81	-26.35	-12.02
MRPC1CB33P25_SIN		0.00	-203.12	-22.77	-37.47	100.21	-8.31	-9.53	-59.88	-20.64	-30.67	-73.44	29.15	1.75	0.91	6.31	-14.93
MRPC1FB33P25_COS		2301.19	192.21	-311.65	238.23	-58.78	-67.28	-78.89	-164.38	-53.99	-3.72	95.02	41.75	18.19	-3.97	-58.43	-28.89
MRPC1FB33P25_SIN		0.00	217.90	-107.11	37.07	238.03	74.66	5.74	-151.61	-61.89	-111.75	-84.54	44.77	15.33	6.08	8.38	-49.73
MRPC1TOR25P5_COS		-759.01	-34.24	-99.67	11.24	73.11	-12.99	-21.19	-2.53	-9.67	2.41	12.56	7.02	-5.17	-4.43	-3.32	-3.83
MRPC1TOR25P5_SIN		0.00	138.04	-64.32	-223.22	62.40	4.03	5.62	-23.92	-19.73	14.12	-6.17	13.50	-4.70	-1.82	0.44	4.81
MRPLK1LOAD_COS		-83.99	2.36	-8.90	1.80	10.22	-1.14	-2.63	1.07	-1.12	0.09	1.83	0.71	-0.72	-0.56	-0.49	-0.87
MRPLK1LOAD_SIN		0.00	-11.33	-4.28	-30.33	7.05	1.12	0.20	-2.29	-2.55	2.07	-0.44	1.91	-1.11	-0.48	-0.21	0.94
PITCHRH_COS		9362.83	-8612.35	-283.71	-29.71	-107.29	531.62	-54.63	-63.26	118.33	-55.31	118.61	-47.32	31.23	61.76	-46.82	-405.27
PITCHRH_SIN		0.00	2518.56	-607.22	66.71	-105.75	545.96	-74.21	85.77	43.35	-123.43	-227.03	77.95	-9.60	79.10	-29.95	56.54
ROLLRH_COS		1161.24	-2118.84	752.89	28.18	-288.70	-1533.69	-141.32	-72.83	134.20	146.65	388.55	-55.58	-4.24	-4.88	-36.11	-350.91
ROLLRH_SIN		0.00	-8152.77	-521.33	6.21	132.69	1414.67	-160.12	-45.26	59.22	-7.36	-123.95	-31.02	21.70	-53.25	22.60	-341.03
TORQ_COS		31745.70	408.07	-9.87	32.60	-19.36	6.33	0.59	9.72	-27.42	-1.49	-1.45	-1.88	7.15	-3.92	-3.38	17.21
TORQ_SIN		0.00	688.89	-17.82	22.74	-101.17	62.92	8.58	32.05	-4.68	-6.18	29.12	7.51	-6.57	7.25	-8.78	-8.70
THRUST_COS		5859.31	-61.80	17.48	5.78	9.78	3.59	3.91	18.13	-2.22	-5.55	-27.47	-0.17	1.59	-1.29	1.58	4.69
THRUST_SIN		0.00	-49.30	11.34	-3.71	35.08	-46.74	4.07	12.39	1.00	4.94	43.49	-2.77	-0.73	-1.78	-6.89	29.65

RUN	POINT	Harmonics															
49	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-184.78	29.49	-20.33	0.03	5.48	23.01	10.94	0.94	-3.37	-7.07	-14.48	2.49	0.47	-0.16	0.96	11.10
SIDERH_SIN		0.00	158.65	13.34	4.42	-74.59	-208.18	7.00	1.39	-1.78	0.32	5.76	2.30	-1.17	2.08	-0.67	9.75
DRAGRH_COS		-192.90	223.00	9.10	-2.85	-7.70	122.19	-15.07	-0.03	-3.88	1.59	-1.04	3.39	-4.41	-2.52	2.20	19.09
DRAGRH_SIN		0.00	-61.05	18.64	1.83	16.01	159.68	-5.43	-2.83	2.20	7.36	5.47	-5.36	2.00	-2.38	0.53	-3.54

RUN	POINT	Harmonics															
61	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.08	0.00	0.00	0.01	0.04	0.01	-0.02	-0.02	0.00	0.01	0.02	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.49	0.00	0.00	-0.03	0.01	0.00	-0.05	-0.01	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.67	1.57	-1.92	5.98	-0.85	-1.81	0.22	0.80	0.01	-0.61	-0.30	-0.01	0.32	0.47	0.21	-0.53
ACT1FORCE_SIN		0.00	13.57	1.27	-2.03	2.87	0.05	-0.86	0.74	0.25	-1.51	-0.17	-0.02	0.28	0.23	-0.05	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.03	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.10	-13.79	9.92	-110.08	5.53	15.03	0.16	-0.06	-0.07	0.45	0.03	-0.13	-0.11	-0.11	-0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-78.31	-10.80	-271.75	-15.63	0.85	0.47	0.26	0.07	0.21	0.03	-0.01	0.00	0.03	-0.02	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.68	13.98	-9.84	111.35	-5.37	-15.12	0.19	0.00	-0.07	-0.46	-0.06	0.10	0.09	0.10	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	78.46	10.73	272.09	16.07	-0.64	0.32	-0.14	-0.06	-0.17	-0.01	0.00	0.03	-0.06	-0.01	0.06
MRBLD1CB42P75_COS		-4638.41	-1549.47	93.42	197.91	-79.46	-36.42	-41.07	-75.12	38.83	35.96	7.67	45.78	7.29	-14.05	-50.36	-3.82
MRBLD1CB42P75_SIN		0.00	-213.82	-17.24	-70.08	208.11	4.15	25.38	-78.72	-22.84	-11.30	-142.28	22.59	0.73	3.31	6.29	-10.20

RUN	POINT	Harmonics															
61	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2860.17	-966.11	331.74	138.12	-86.30	-52.29	-46.26	-50.66	32.94	38.04	-22.34	24.59	9.06	-7.33	-33.28	-2.87
MRBLD1CB70_SIN		0.00	-137.04	-31.32	-26.52	337.85	33.42	112.89	-35.03	-17.37	-9.04	-75.92	6.42	-3.83	1.50	4.84	-9.88
MRBLD1CB120_COS		-434.27	-403.18	436.02	119.89	-42.51	-39.37	-52.65	-12.82	-38.69	-27.12	14.98	-13.39	3.59	9.92	0.93	-2.37
MRBLD1CB120_SIN		0.00	49.96	-121.09	-61.94	350.83	41.66	155.34	4.77	8.37	-25.94	64.97	-9.42	5.65	4.90	-6.49	-9.27
MRBLD1CB164_COS		-1967.98	-122.47	132.09	32.32	-37.58	-22.56	-11.72	21.04	-43.76	-32.86	31.92	-8.47	-0.49	2.72	17.68	-0.71
MRBLD1CB164_SIN		0.00	70.43	-42.89	-48.46	171.80	18.17	55.31	20.93	-0.13	-35.41	48.53	0.26	10.02	0.84	3.98	11.84
MRBLD1FB42P75_COS		3014.72	247.66	-359.64	298.13	58.85	-31.42	-81.51	-270.62	-103.39	-112.40	-15.38	68.61	29.33	3.53	-72.63	-49.54
MRBLD1FB42P75_SIN		0.00	73.20	-29.60	-114.82	380.85	111.33	79.28	-93.50	-7.37	-77.84	-195.83	-23.84	-13.12	9.96	88.47	-5.59
MRBLD1FB70_COS		400.18	-8.72	-168.18	77.86	-0.38	-8.84	-10.17	-34.18	1.13	1.34	-0.86	0.42	-1.03	-1.73	16.05	12.45
MRBLD1FB70_SIN		0.00	-182.44	7.97	-56.14	110.85	13.34	17.20	-11.84	2.78	1.95	1.71	4.35	5.99	0.28	-17.28	1.15
MRBLD1FB87_COS		-95.73	16.90	-148.61	17.95	-18.99	-20.46	-8.36	25.03	15.34	21.64	8.80	-14.10	-1.81	1.95	11.42	4.63
MRBLD1FB87_SIN		0.00	-178.78	32.28	-3.06	56.95	6.15	-3.06	6.41	-3.05	10.00	41.98	3.52	3.50	1.27	-16.00	0.95
MRBLD1FB120_COS		-477.52	16.30	-235.82	-10.43	2.33	-14.34	11.91	46.71	-1.74	-4.10	-8.69	1.63	-1.10	-2.67	-19.46	-6.87
MRBLD1FB120_SIN		0.00	-238.00	75.19	42.05	26.43	1.78	-27.66	15.37	-5.13	-0.51	-11.48	-4.11	-9.06	-3.15	22.80	-1.84
MRBLD1FB164_COS		-201.69	38.40	-261.19	29.13	49.04	46.64	2.29	-76.61	-1.62	9.90	8.78	-5.87	-1.79	2.92	14.93	4.07
MRBLD1FB164_SIN		0.00	-290.09	52.92	251.56	-130.37	-27.12	21.81	-19.98	-3.31	0.32	25.22	-1.14	3.43	2.27	-13.79	-0.74

RUN	POINT	Harmonics															
61	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-214.95	-13.91	-125.93	15.40	31.98	43.38	-13.90	-72.48	17.39	28.54	3.69	-26.07	7.96	5.34	-28.82	-12.49
MRBLD1FB180_SIN		0.00	-202.38	42.03	205.86	-85.90	-18.81	39.85	2.71	-16.10	-18.10	80.33	12.58	-8.95	-9.75	32.25	3.64
MRBLD1TOR51_COS		-1443.14	62.53	45.70	2.90	-78.54	4.83	15.52	-7.80	9.56	-1.83	-12.70	-5.82	5.87	3.65	-14.13	-7.58
MRBLD1TOR51_SIN		0.00	-78.69	20.13	216.22	-34.20	9.73	-5.46	-0.75	9.24	-11.80	4.36	-5.31	0.70	1.41	0.89	-5.12
MRBLD1TOR71_COS		-249.66	79.92	30.31	-9.99	-65.73	11.88	22.60	1.46	10.46	-1.91	-12.46	-7.41	4.15	5.63	-7.15	-5.91
MRBLD1TOR71_SIN		0.00	-75.71	13.67	198.67	-52.88	6.56	-4.50	10.52	13.26	-4.52	12.49	-3.30	-0.88	0.75	0.61	-2.43
MRBLD1TOR130_COS		-6.33	68.22	49.72	-17.56	-52.56	10.95	19.30	-3.57	5.96	-1.61	6.78	3.73	1.11	0.12	3.71	1.45
MRBLD1TOR130_SIN		0.00	-63.05	7.95	200.47	-55.18	5.62	0.96	3.17	8.44	-4.36	-1.72	9.62	2.76	1.22	-0.22	3.77
MRBLD1TOR164_COS		-213.72	37.07	79.41	-18.97	-45.33	-2.87	2.89	-0.42	6.64	3.56	1.53	1.59	1.20	0.80	-0.37	2.90
MRBLD1TOR164_SIN		0.00	-25.67	3.60	115.49	-12.47	6.09	8.63	7.07	1.22	0.26	5.95	6.67	1.11	-1.02	-3.62	0.07
MRFBM1CB26P5_COS		-4920.70	-671.12	-1.62	59.49	10.86	4.60	-0.19	-9.00	-1.23	-2.81	11.25	4.12	0.70	-0.09	-6.80	-1.54
MRFBM1CB26P5_SIN		0.00	-192.78	10.16	-24.83	-33.25	-11.18	-24.92	-13.32	-2.91	-3.95	-14.52	2.45	0.81	0.60	-1.53	-2.91
MRFBM1FB9_COS		231.78	54.43	106.25	-70.46	17.92	12.17	12.10	6.71	0.85	-1.01	-5.41	-1.52	-0.68	0.65	2.78	-0.07
MRFBM1FB9_SIN		0.00	23.46	36.06	-6.91	-48.59	-4.81	4.25	13.41	3.65	3.48	4.66	-1.89	-0.94	0.19	1.87	1.82
MRFBM1TOR26P5_COS		-356.00	80.42	-0.20	0.03	-1.73	0.30	0.18	0.05	0.23	0.11	-0.19	-0.09	0.06	0.00	0.01	-0.02
MRFBM1TOR26P5_SIN		0.00	-107.02	0.43	1.50	-1.11	-0.36	-0.08	-0.01	0.26	-0.07	0.21	-0.25	0.06	0.05	0.03	0.00

RUN	POINT	Harmonics															
61	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-673.15	-1401.25	15.49	193.04	-40.70	-21.86	-38.00	-73.64	10.52	8.29	20.93	36.64	8.39	-7.38	-48.65	-5.50
MRPC1CB33P25_SIN		0.00	-135.28	-7.29	-77.34	117.83	-3.54	0.48	-76.63	-21.70	-26.64	-109.79	17.27	1.76	5.14	3.47	-13.45
MRPC1FB33P25_COS		2228.08	176.17	-310.21	264.98	-44.44	-62.95	-89.66	-172.19	-70.16	-37.78	99.71	63.51	30.35	-5.66	-119.36	-21.49
MRPC1FB33P25_SIN		0.00	235.30	-86.06	-44.48	338.93	81.00	35.53	-183.92	-55.58	-113.86	-151.87	25.85	11.23	10.50	-12.00	-46.84
MRPC1TOR25P5_COS		-804.38	-36.31	-97.09	11.56	73.83	-16.43	-25.40	-2.74	-12.99	4.42	20.51	13.58	-5.39	-4.30	4.04	5.98
MRPC1TOR25P5_SIN		0.00	135.28	-62.85	-218.58	66.14	-4.66	11.45	-9.58	-16.72	10.37	-17.48	13.33	-1.56	1.13	-3.85	2.05
MRPLK1LOAD_COS		-85.34	1.42	-8.94	1.85	10.25	-1.65	-3.05	0.95	-1.57	0.22	3.11	1.46	-1.02	-0.52	1.33	0.68
MRPLK1LOAD_SIN		0.00	-12.23	-4.72	-29.56	6.80	-0.24	0.89	-0.48	-2.17	1.45	-1.95	2.37	-0.73	-0.16	-0.99	0.62
PITCHRH_COS		8554.07	-8310.76	-645.71	-39.56	-112.38	1197.11	-31.30	-33.81	145.89	-2.15	122.94	-124.36	41.64	26.70	-34.50	-466.77
PITCHRH_SIN		0.00	2008.52	-568.39	73.38	-85.76	757.37	-170.91	76.53	10.94	-136.72	-294.45	54.74	-40.69	26.26	-20.09	37.79
ROLLRH_COS		656.70	-1827.77	737.53	45.69	-581.97	-2023.43	-111.55	-178.00	128.75	75.16	350.45	-46.97	44.62	-123.92	-13.37	-298.22
ROLLRH_SIN		0.00	-8034.95	-874.75	-46.15	53.65	1757.10	-203.43	-66.81	87.89	24.26	-236.17	-107.32	25.52	8.12	51.62	-591.27
TORQ_COS		31784.49	274.44	-13.95	24.60	-41.33	2.15	0.27	11.51	-23.04	-3.67	-18.44	-1.78	3.88	-2.36	-5.62	22.14
TORQ_SIN		0.00	626.04	-29.13	14.91	-50.30	32.06	4.33	35.88	-10.27	-8.84	34.15	5.69	-8.86	7.40	-13.94	-11.84
THRUST_COS		5751.97	-60.15	15.83	-2.64	18.00	-0.63	6.77	20.26	-0.23	-5.45	-32.84	0.61	-0.86	1.03	5.59	9.43
THRUST_SIN		0.00	-99.38	8.87	-3.63	29.30	-46.54	3.42	16.39	1.36	5.81	65.70	0.22	-1.27	-0.27	-13.17	27.97

RUN	POINT	Harmonics															
61	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.03	58.59	-21.15	2.66	55.22	40.90	5.41	3.49	-2.84	-3.57	-11.64	1.53	-0.49	3.40	0.21	9.59
SIDERH_SIN		0.00	192.96	18.41	7.08	-63.38	-236.86	9.35	2.29	-2.50	-1.20	9.45	5.57	-1.26	0.12	-1.35	15.99
DRAGRH_COS		-179.61	218.65	14.50	-2.85	-5.45	105.23	-13.80	3.41	-2.40	-1.87	1.93	7.42	-4.56	-0.42	0.91	19.53
DRAGRH_SIN		0.00	-63.45	19.56	3.62	18.71	237.65	7.00	-2.31	1.91	8.15	1.55	-6.55	2.18	-0.40	-0.19	-2.73

RUN	POINT	Harmonics															
61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	-0.07	0.00	0.00	0.01	0.05	0.02	-0.02	-0.02	0.00	0.01	0.02	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.49	0.01	0.00	-0.02	0.01	0.01	-0.05	0.00	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.97	1.63	-1.19	6.06	-0.67	-1.87	0.27	0.94	0.08	-0.48	-0.26	-0.07	0.31	0.50	0.20	-0.49
ACT1FORCE_SIN		0.00	13.47	1.02	-2.07	3.07	-0.11	-0.79	0.70	0.36	-1.48	-0.02	0.01	0.31	0.17	0.03	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.11	-13.36	5.52	-106.98	4.20	15.25	0.15	-0.05	-0.08	0.45	-0.01	-0.14	-0.11	-0.09	-0.04	-0.02
FA1IBVOLTAGE_SIN		0.00	-77.11	-8.78	-272.51	-15.44	1.83	0.46	0.27	0.08	0.23	0.02	-0.03	-0.02	0.04	-0.03	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.68	13.52	-5.44	107.91	-4.06	-15.31	0.18	0.01	-0.06	-0.45	-0.02	0.11	0.08	0.08	0.04	0.01
FA1OBVOLTAGE_SIN		0.00	77.26	8.69	273.00	15.86	-1.67	0.33	-0.15	-0.07	-0.20	0.00	0.02	0.04	-0.06	0.00	0.05
MRBLD1CB42P75_COS		-4645.53	-1453.18	50.05	179.72	-89.75	-29.95	-45.25	-95.46	44.59	33.25	14.60	54.86	8.58	-14.29	-49.45	-3.94
MRBLD1CB42P75_SIN		0.00	-156.80	-12.39	-61.77	215.66	5.43	16.89	-92.19	-23.79	-12.79	-142.99	39.08	7.81	5.18	0.89	-6.41

RUN	POINT	Harmonics															
61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2841.57	-901.36	305.94	117.07	-110.07	-52.24	-49.98	-66.39	39.37	34.94	-20.82	30.85	10.83	-6.54	-36.42	-4.06
MRBLD1CB70_SIN		0.00	-89.26	-34.24	-19.81	358.00	33.97	114.37	-42.03	-17.56	-6.22	-68.89	16.88	1.34	0.95	2.36	-6.47
MRBLD1CB120_COS		-452.76	-375.18	421.61	100.14	-61.22	-44.30	-59.42	-21.59	-40.41	-26.83	10.36	-18.67	2.34	9.57	0.65	-2.39
MRBLD1CB120_SIN		0.00	81.56	-128.01	-51.88	377.26	39.06	169.46	7.98	8.07	-25.23	67.02	-16.60	3.93	4.73	-5.99	-8.01
MRBLD1CB164_COS		-1973.98	-115.50	130.08	24.31	-44.33	-27.20	-12.13	23.48	-48.34	-30.74	31.49	-11.88	-1.45	2.73	20.50	0.96
MRBLD1CB164_SIN		0.00	79.31	-46.06	-44.73	182.67	15.99	65.50	26.68	-0.28	-37.31	44.45	-6.58	6.78	0.61	5.15	9.68
MRBLD1FB42P75_COS		3024.57	215.37	-391.11	263.24	92.21	-18.41	-98.81	-315.70	-106.32	-116.22	-12.21	83.34	34.41	5.76	-79.39	-41.20
MRBLD1FB42P75_SIN		0.00	65.80	-19.99	-71.47	401.18	90.80	73.80	-90.18	-10.15	-89.73	-212.36	-18.40	-4.63	15.64	77.32	-2.46
MRBLD1FB70_COS		404.98	-10.91	-180.78	65.77	9.36	-4.66	-13.40	-42.13	1.49	0.95	-1.15	-0.75	-1.87	-1.64	17.64	10.86
MRBLD1FB70_SIN		0.00	-181.14	12.49	-43.30	116.81	7.75	16.10	-11.52	1.82	1.55	1.30	3.21	3.97	-1.72	-15.81	0.13
MRBLD1FB87_COS		-91.13	15.62	-154.18	11.05	-14.96	-20.23	-7.32	29.32	16.13	22.81	8.39	-17.74	-3.23	1.04	13.22	3.75
MRBLD1FB87_SIN		0.00	-180.53	35.23	3.22	59.05	3.96	-3.15	6.40	-2.14	13.16	46.82	3.63	2.94	0.78	-13.37	0.91
MRBLD1FB120_COS		-472.77	14.23	-237.96	-17.52	1.28	-17.16	17.49	58.75	-1.45	-3.58	-8.01	4.64	0.90	-1.77	-22.54	-6.21
MRBLD1FB120_SIN		0.00	-243.14	79.94	47.11	26.44	3.00	-26.96	14.13	-4.93	-1.64	-14.36	-4.81	-8.43	-2.33	19.18	-1.74
MRBLD1FB164_COS		-195.06	36.27	-270.60	17.01	36.90	42.90	-1.41	-93.82	-2.18	9.14	9.83	-8.03	-2.44	1.80	16.00	3.62
MRBLD1FB164_SIN		0.00	-295.86	63.83	262.44	-137.97	-17.80	26.90	-19.46	-3.00	0.94	28.92	-0.49	2.62	2.00	-11.09	-0.49

RUN	POINT	Harmonics															
61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.34	-14.73	-132.66	10.25	23.91	43.55	-18.86	-89.02	17.45	29.95	4.01	-32.70	6.74	4.15	-33.54	-12.68
MRBLD1FB180_SIN		0.00	-206.60	48.06	211.49	-91.66	-14.60	41.77	3.38	-15.47	-12.90	87.93	9.35	-9.99	-9.50	26.68	3.16
MRBLD1TOR51_COS		-1441.20	62.38	36.18	-5.68	-75.47	4.84	7.30	-17.91	12.01	-0.84	-12.92	-7.22	5.31	3.64	-12.58	-6.01
MRBLD1TOR51_SIN		0.00	-76.65	21.79	216.49	-34.76	12.98	-11.67	-3.92	9.49	-9.95	7.88	-5.74	0.19	0.45	-0.98	-4.71
MRBLD1TOR71_COS		-247.58	78.42	23.18	-16.14	-63.17	11.27	15.92	-5.99	12.33	-1.06	-13.32	-9.24	3.94	5.57	-6.41	-4.98
MRBLD1TOR71_SIN		0.00	-74.44	15.11	197.83	-54.57	10.07	-9.69	8.52	13.55	-2.85	15.55	-4.42	-1.62	-0.19	-0.45	-2.69
MRBLD1TOR130_COS		-4.33	67.96	44.72	-21.82	-51.44	10.15	14.69	-10.16	6.66	-1.34	6.99	2.87	0.88	-0.03	2.71	0.55
MRBLD1TOR130_SIN		0.00	-61.61	9.53	198.68	-58.61	8.96	-2.62	1.80	8.33	-4.73	-1.45	11.03	3.03	0.95	0.52	3.48
MRBLD1TOR164_COS		-213.46	37.42	79.60	-19.83	-43.04	-1.39	1.98	-2.00	7.36	3.31	1.42	1.86	1.75	0.37	-1.35	1.77
MRBLD1TOR164_SIN		0.00	-23.67	3.24	113.25	-12.67	5.64	6.29	7.42	1.74	0.50	5.85	6.94	1.69	-0.57	-3.43	0.26
MRFBM1CB26P5_COS		-4924.16	-622.68	-21.07	59.01	12.66	5.73	-0.87	-10.67	-1.75	-2.41	12.75	4.40	0.25	-0.61	-5.78	-1.39
MRFBM1CB26P5_SIN		0.00	-160.71	11.66	-23.51	-38.63	-9.60	-27.12	-15.06	-3.36	-4.98	-16.79	3.11	1.13	1.36	-2.31	-2.52
MRFBM1FB9_COS		235.12	14.46	132.61	-58.16	16.44	10.19	13.41	8.56	0.49	-1.14	-5.96	-1.59	-0.46	0.73	2.47	-0.56
MRFBM1FB9_SIN		0.00	23.59	33.32	-14.39	-52.21	-3.46	5.58	15.14	3.82	3.66	4.60	-2.66	-1.18	0.12	2.09	1.57
MRFBM1TOR26P5_COS		-356.07	80.29	-0.20	0.00	-1.76	0.29	0.02	0.02	0.26	0.12	-0.19	-0.07	0.05	0.01	0.05	0.02
MRFBM1TOR26P5_SIN		0.00	-107.17	0.38	1.47	-1.09	-0.36	-0.15	-0.04	0.27	-0.01	0.25	-0.30	0.03	0.05	0.02	0.01

RUN	POINT	Harmonics															
61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-670.55	-1320.13	-26.35	180.55	-40.99	-15.32	-43.75	-91.40	13.79	7.82	27.14	42.96	8.69	-8.10	-47.39	-5.37
MRPC1CB33P25_SIN		0.00	-94.85	2.29	-68.09	118.28	-2.69	-7.06	-86.60	-23.27	-29.98	-114.34	27.81	7.24	7.81	-2.14	-9.92
MRPC1FB33P25_COS		2236.00	147.08	-336.84	229.00	-22.73	-46.55	-100.34	-209.03	-70.64	-35.08	111.01	70.57	27.99	-8.67	-115.07	-21.09
MRPC1FB33P25_SIN		0.00	227.07	-83.35	-14.48	364.08	67.00	26.05	-198.73	-59.31	-124.51	-161.86	39.93	21.33	16.40	-22.41	-37.24
MRPC1TOR25P5_COS		-805.86	-38.77	-86.14	18.68	70.20	-16.35	-16.02	6.10	-15.29	3.48	21.13	14.95	-5.38	-5.29	1.14	3.07
MRPC1TOR25P5_SIN		0.00	132.64	-66.44	-217.17	68.60	-9.34	17.71	-6.84	-17.28	7.74	-21.92	16.74	0.85	2.34	-2.13	2.04
MRPLK1LOAD_COS		-85.51	1.61	-7.76	2.88	9.71	-1.66	-1.71	2.29	-1.94	0.10	3.13	1.51	-0.96	-0.65	0.73	0.10
MRPLK1LOAD_SIN		0.00	-12.16	-5.14	-29.65	6.95	-0.69	1.77	-0.07	-2.23	1.03	-2.58	2.91	-0.40	-0.08	-0.64	0.42
PITCHRH_COS		9218.13	-8312.39	-647.48	-31.15	-122.65	1353.81	-15.13	-33.16	186.53	7.99	147.40	-79.78	35.30	44.30	-47.40	-469.98
PITCHRH_SIN		0.00	1983.81	-590.56	62.29	-99.65	734.64	-206.50	75.71	4.05	-139.28	-321.99	84.96	-37.79	34.05	-7.07	24.98
ROLLRH_COS		723.17	-1805.68	750.61	40.70	-627.17	-2157.65	-149.78	-174.65	152.84	97.27	399.82	-64.92	42.82	-137.06	-35.47	-276.48
ROLLRH_SIN		0.00	-8048.05	-874.81	-39.85	22.67	2014.19	-222.12	-63.50	113.53	27.42	-219.81	-73.25	27.61	47.36	29.98	-490.99
TORQ_COS		31794.32	274.76	-9.38	28.90	-37.82	-3.65	3.32	13.52	-21.60	-4.84	-20.78	-1.43	3.83	-3.36	-2.29	26.13
TORQ_SIN		0.00	636.06	-20.73	16.90	-45.85	21.17	8.74	44.18	-11.15	-7.41	43.32	7.15	-9.24	7.39	-10.74	-11.14
THRUST_COS		5757.73	-60.13	14.37	-0.11	18.06	-8.95	6.41	24.04	-1.00	-4.97	-37.04	1.03	-1.18	0.89	9.75	10.17
THRUST_SIN		0.00	-99.18	7.89	-5.71	28.37	-39.93	2.87	19.29	1.36	5.94	73.01	1.28	-1.36	-2.16	-9.58	22.83

RUN	POINT	Harmonics															
61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.07	57.78	-21.77	2.23	58.94	38.48	4.92	4.07	-3.82	-4.72	-13.62	2.06	-0.36	3.79	0.81	8.87
SIDERH_SIN		0.00	194.52	18.65	7.41	-61.90	-258.52	10.77	1.96	-3.57	-1.41	8.10	3.93	-1.29	-1.08	-0.83	13.30
DRAGRH_COS		-175.40	218.98	15.04	-3.92	-4.79	131.41	-9.86	2.33	-3.40	-3.65	-2.25	5.06	-4.02	-1.54	1.67	19.40
DRAGRH_SIN		0.00	-62.93	19.20	3.50	20.53	256.59	10.68	-2.38	2.46	8.60	-0.03	-6.14	2.14	0.00	-0.47	-2.13

RUN	POINT	Harmonics															
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	-0.07	0.00	0.00	0.01	0.04	0.01	-0.02	-0.02	0.00	0.01	0.02	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.49	0.00	0.00	-0.03	0.01	0.00	-0.06	0.00	0.01	0.02	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.03	1.50	-1.79	6.20	-0.84	-1.72	0.33	0.74	0.05	-0.53	-0.35	0.01	0.32	0.43	0.22	-0.52
ACT1FORCE_SIN		0.00	13.57	1.11	-1.84	2.77	0.00	-0.84	0.78	0.26	-1.54	-0.19	0.01	0.34	0.34	-0.01	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		349.65	-13.40	8.63	-107.20	4.86	14.06	0.13	-0.08	-0.07	0.45	0.02	-0.15	-0.12	-0.13	-0.04	0.00
FA1IBVOLTAGE_SIN		0.00	-78.22	-9.92	-274.27	-14.58	1.09	0.45	0.24	0.05	0.22	0.01	-0.01	-0.01	0.02	-0.04	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		456.14	13.59	-8.55	108.49	-4.71	-14.13	0.21	0.03	-0.06	-0.45	-0.05	0.12	0.10	0.13	0.04	0.00
FA1OBVOLTAGE_SIN		0.00	78.37	9.84	274.63	15.02	-0.89	0.35	-0.12	-0.04	-0.19	0.01	0.00	0.04	-0.04	0.02	0.06
MRBLD1CB42P75_COS		-4616.42	-1514.43	82.71	194.82	-85.73	-35.50	-43.86	-57.11	32.59	40.28	18.58	43.57	6.75	-12.17	-52.61	-5.41
MRBLD1CB42P75_SIN		0.00	-243.44	-16.44	-60.38	203.68	-1.98	19.72	-67.05	-21.43	-12.79	-112.46	22.50	1.96	2.99	16.26	-10.75

RUN	POINT	Harmonics															
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2866.85	-945.10	323.89	129.21	-97.18	-44.36	-52.56	-40.15	28.45	41.31	-9.62	24.30	7.59	-4.68	-36.47	-3.94
MRBLD1CB70_SIN		0.00	-153.66	-29.23	-17.90	336.00	26.84	107.53	-23.69	-15.14	-9.76	-52.22	7.34	-0.82	-0.51	13.88	-10.46
MRBLD1CB120_COS		-440.73	-393.46	436.85	114.28	-52.53	-27.48	-58.10	-8.75	-36.55	-31.12	7.06	-12.15	3.48	9.95	-0.49	-1.99
MRBLD1CB120_SIN		0.00	44.99	-117.42	-55.18	349.05	35.36	150.79	11.84	10.23	-26.82	47.83	-9.20	5.86	5.88	-6.05	-9.71
MRBLD1CB164_COS		-1971.18	-121.12	134.10	31.14	-43.77	-16.96	-13.52	16.49	-40.53	-37.49	22.12	-8.14	0.90	1.12	20.62	-0.37
MRBLD1CB164_SIN		0.00	69.98	-41.16	-45.74	169.95	18.12	54.86	20.37	0.79	-35.20	28.80	-0.74	8.59	2.06	-1.79	12.75
MRBLD1FB42P75_COS		3000.68	238.94	-368.55	307.92	47.08	-42.82	-84.45	-218.34	-102.74	-114.29	-17.90	71.02	34.97	11.37	-54.89	-50.59
MRBLD1FB42P75_SIN		0.00	84.01	-30.40	-90.81	373.44	107.07	76.23	-83.00	2.85	-71.16	-180.67	-20.30	-10.86	12.82	106.25	-5.30
MRBLD1FB70_COS		400.42	-8.22	-170.05	81.63	-2.73	-10.50	-10.94	-25.55	0.56	0.78	-0.33	-0.03	-2.03	-3.40	12.47	12.62
MRBLD1FB70_SIN		0.00	-181.65	6.74	-49.02	106.47	10.71	14.96	-11.34	2.87	1.02	0.85	3.70	5.69	-0.47	-21.53	0.79
MRBLD1FB87_COS		-93.41	17.70	-149.41	19.89	-20.25	-21.27	-9.22	19.40	14.37	20.85	7.39	-14.74	-2.72	0.59	8.00	5.55
MRBLD1FB87_SIN		0.00	-178.14	30.57	0.60	54.25	5.37	-3.55	5.39	-4.08	9.65	38.74	3.12	3.52	1.32	-19.50	0.94
MRBLD1FB120_COS		-473.78	14.60	-240.81	-11.03	0.49	-12.97	13.62	35.49	-0.15	-2.25	-7.26	2.81	0.25	-1.02	-14.79	-8.33
MRBLD1FB120_SIN		0.00	-236.58	73.38	47.23	28.40	4.05	-25.52	14.57	-5.83	0.28	-9.92	-3.75	-8.84	-3.32	28.29	-1.41
MRBLD1FB164_COS		-197.26	38.18	-271.92	26.34	49.97	49.39	3.37	-58.93	-1.99	8.85	8.43	-5.16	-1.79	3.31	13.31	5.61
MRBLD1FB164_SIN		0.00	-288.66	48.91	258.37	-121.84	-27.91	19.96	-19.49	-2.53	-0.34	23.05	-1.08	3.04	2.32	-15.92	-0.21

RUN	POINT	Harmonics															
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.37	-13.66	-133.20	13.35	33.80	44.30	-15.10	-58.13	15.86	27.24	2.34	-25.11	8.64	7.15	-24.28	-14.88
MRBLD1FB180_SIN		0.00	-202.41	39.56	208.76	-81.01	-20.17	36.76	2.98	-15.05	-18.56	73.38	11.12	-9.12	-9.47	38.73	4.13
MRBLD1TOR51_COS		-1443.27	62.66	44.06	-1.25	-79.51	2.42	14.76	-0.19	8.14	-1.91	-11.67	-4.86	6.14	3.83	-14.51	-7.48
MRBLD1TOR51_SIN		0.00	-78.72	21.81	218.09	-35.66	9.83	-5.25	0.96	9.13	-12.17	3.75	-5.23	1.33	2.63	4.06	-5.23
MRBLD1TOR71_COS		-249.45	79.69	29.37	-13.54	-65.94	9.89	21.90	6.80	9.59	-1.90	-11.76	-6.63	4.36	5.58	-7.89	-6.29
MRBLD1TOR71_SIN		0.00	-74.87	15.29	199.52	-53.83	7.21	-3.95	10.45	12.95	-5.11	10.84	-3.56	-0.73	1.55	2.29	-2.88
MRBLD1TOR130_COS		-5.62	68.44	49.15	-20.66	-52.48	9.86	18.36	1.31	5.11	-1.71	5.97	3.59	1.11	0.12	3.19	0.92
MRBLD1TOR130_SIN		0.00	-62.10	9.32	200.06	-55.60	6.22	1.52	3.23	8.14	-5.04	-1.71	9.35	2.56	0.93	-1.39	3.31
MRBLD1TOR164_COS		-213.43	37.28	80.49	-20.68	-44.83	-3.67	2.12	0.83	6.33	3.72	1.68	1.57	1.35	1.10	-0.61	2.57
MRBLD1TOR164_SIN		0.00	-25.36	5.17	114.21	-14.07	6.12	8.64	6.54	0.73	0.14	5.54	6.73	1.27	-1.23	-3.51	-0.24
MRFBM1CB26P5_COS		-4900.54	-650.76	-6.59	60.58	10.96	2.62	0.69	-6.02	-1.92	-2.51	9.63	3.83	1.21	-0.30	-6.57	-1.57
MRFBM1CB26P5_SIN		0.00	-203.97	10.29	-23.78	-33.42	-10.95	-24.71	-12.68	-2.53	-3.69	-14.18	2.36	0.79	1.72	-0.52	-2.77
MRFBM1FB9_COS		215.89	49.46	112.77	-70.37	18.89	12.37	12.00	5.20	1.13	-1.06	-4.98	-1.49	-0.65	0.61	3.28	-0.68
MRFBM1FB9_SIN		0.00	35.18	36.70	-13.12	-47.43	-3.65	4.75	11.23	3.33	3.51	3.90	-2.00	-1.16	-0.03	1.26	1.09
MRFBM1TOR26P5_COS		-355.89	80.52	-0.21	0.00	-1.71	0.29	0.19	0.10	0.24	0.11	-0.15	-0.08	0.05	0.00	0.06	0.00
MRFBM1TOR26P5_SIN		0.00	-106.85	0.43	1.48	-1.14	-0.36	-0.08	-0.01	0.24	-0.06	0.20	-0.24	0.06	0.04	0.04	0.02

RUN	POINT	Harmonics															
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-652.50	-1373.69	5.49	193.95	-45.08	-24.45	-39.21	-56.38	5.94	9.84	25.04	35.14	8.62	-5.64	-50.18	-6.79
MRPC1CB33P25_SIN		0.00	-164.68	-6.15	-68.84	113.68	-7.11	-3.57	-67.42	-19.45	-26.89	-93.26	17.84	3.13	6.96	13.11	-13.95
MRPC1FB33P25_COS		2215.84	166.79	-318.20	268.37	-52.20	-70.11	-91.04	-137.25	-74.51	-43.07	88.61	62.41	31.95	-3.15	-125.05	-23.78
MRPC1FB33P25_SIN		0.00	243.30	-88.07	-23.40	330.32	73.86	32.46	-154.54	-47.45	-109.85	-141.50	29.81	16.95	18.12	15.40	-47.38
MRPC1TOR25P5_COS		-803.66	-37.51	-96.13	15.63	74.20	-13.87	-24.85	-10.11	-12.24	4.86	18.62	11.53	-5.77	-4.19	2.28	4.19
MRPC1TOR25P5_SIN		0.00	135.09	-65.60	-219.70	66.85	-5.33	11.38	-9.76	-16.37	10.66	-14.18	13.52	-1.84	-0.04	-5.06	1.15
MRPLK1LOAD_COS		-85.12	1.43	-8.80	2.35	10.37	-1.30	-2.98	-0.21	-1.42	0.29	2.77	1.22	-1.02	-0.51	0.91	0.28
MRPLK1LOAD_SIN		0.00	-12.11	-5.03	-29.81	6.96	-0.25	0.89	-0.61	-2.10	1.52	-1.66	2.38	-0.81	-0.30	-1.38	0.39
PITCHRH_COS		8641.22	-8214.38	-633.62	-30.01	-108.23	1070.11	-17.38	-42.69	157.70	-2.78	126.24	-121.50	43.06	41.17	-49.07	-500.41
PITCHRH_SIN		0.00	1940.95	-573.26	74.93	-63.25	737.81	-153.64	59.86	53.00	-113.21	-291.61	44.46	-41.33	61.69	-8.41	85.17
ROLLRH_COS		437.34	-1754.80	768.81	40.93	-577.37	-2019.04	-71.84	-185.14	90.76	87.09	360.68	-44.56	45.88	-78.37	-42.49	-383.59
ROLLRH_SIN		0.00	-7974.32	-870.37	-35.69	64.08	1649.83	-233.97	-77.83	101.87	58.50	-240.79	-85.32	11.16	5.12	33.23	-645.30
TORQ_COS		32215.09	282.91	-10.26	26.51	-33.89	5.40	2.86	3.28	-20.15	-6.72	-13.83	-0.88	2.59	-1.99	-2.89	21.54
TORQ_SIN		0.00	627.42	-21.62	20.85	-42.41	38.86	8.34	42.05	-9.34	-8.22	35.03	6.51	-7.99	8.24	-10.22	-13.77
THRUST_COS		5698.97	-63.94	15.04	-1.07	15.17	2.67	5.21	18.28	-0.61	-5.42	-30.22	2.58	-0.87	0.54	9.47	7.76
THRUST_SIN		0.00	-100.72	9.28	-5.89	27.64	-42.83	4.46	19.96	-0.51	5.38	66.57	-0.34	-1.14	-1.24	-14.98	31.55

RUN	POINT	Harmonics															
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.78	56.40	-21.97	3.19	53.25	47.94	2.05	4.19	-1.58	-4.32	-12.05	1.20	-0.51	2.00	1.10	12.06
SIDERH_SIN		0.00	195.05	18.21	6.80	-63.03	-230.98	10.46	2.82	-2.88	-2.36	9.39	4.48	-0.78	0.14	-0.92	17.33
DRAGRH_COS		-179.39	216.85	14.36	-3.02	-5.58	105.59	-11.92	4.09	-4.70	-2.14	1.74	7.03	-4.33	-2.04	1.61	20.41
DRAGRH_SIN		0.00	-61.67	18.74	3.68	20.34	237.70	6.87	-3.84	1.33	6.29	1.76	-4.74	1.50	-2.05	-0.96	-4.71

RUN	POINT	Harmonics															
64	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	-0.07	0.00	0.00	0.01	0.04	0.02	-0.02	-0.02	0.01	0.01	0.02	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	-0.03	0.00	0.01	-0.05	0.00	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.59	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.96	1.65	-1.63	5.64	-1.42	-1.75	0.57	0.94	0.11	-0.43	-0.44	0.07	0.31	0.59	0.18	-0.67
ACT1FORCE_SIN		0.00	14.10	1.24	-1.45	2.77	-0.34	-0.80	0.47	0.35	-1.21	0.00	-0.03	0.26	0.03	0.02	0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		400.96	-14.98	7.32	-102.80	9.28	15.03	0.10	-0.04	-0.08	0.44	0.03	-0.17	-0.09	-0.10	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-81.93	-11.11	-278.50	-15.46	3.91	0.39	0.24	0.05	0.18	-0.06	-0.01	0.00	0.05	-0.02	-0.16
FA1OBCURRENT_COS		0.02	0.01	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		404.80	15.10	-7.26	103.61	-9.15	-15.11	0.22	-0.03	-0.06	-0.45	-0.05	0.14	0.07	0.10	0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	82.06	11.01	278.90	15.89	-3.77	0.40	-0.13	-0.06	-0.16	0.07	0.00	0.03	-0.06	-0.01	0.15
MRBLD1CB42P75_COS		-4167.28	-1353.43	114.86	186.37	-56.33	-13.84	-38.68	-113.49	33.39	22.03	-4.71	27.90	-9.35	-23.86	-45.88	-9.26
MRBLD1CB42P75_SIN		0.00	96.98	-22.07	-79.50	170.94	8.24	30.00	-51.78	-26.36	-21.19	-108.00	28.69	-0.66	3.84	12.00	-8.07

RUN	POINT	Harmonics															
64	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2750.94	-839.77	337.47	125.51	-51.03	-0.10	-39.06	-67.97	28.21	25.82	-20.99	16.76	-0.35	-10.23	-29.69	-8.43
MRBLD1CB70_SIN		0.00	67.73	-43.05	-43.47	286.18	41.72	111.96	-16.35	-16.78	-14.55	-53.05	11.78	-1.09	3.04	11.17	-4.56
MRBLD1CB120_COS		-510.54	-355.00	436.70	115.37	-6.96	20.41	-34.86	0.32	-35.86	-18.81	19.90	-7.08	8.63	12.21	1.23	-4.76
MRBLD1CB120_SIN		0.00	131.75	-136.03	-83.21	294.48	53.24	147.75	17.18	19.11	-13.91	52.88	-11.57	5.38	2.04	-5.97	-7.25
MRBLD1CB164_COS		-1981.36	-111.75	130.31	32.44	-25.06	3.34	-2.43	38.53	-41.73	-24.50	28.12	-5.33	4.26	5.25	17.02	5.15
MRBLD1CB164_SIN		0.00	87.93	-47.95	-54.21	146.47	23.86	51.45	19.95	7.67	-23.21	36.24	-3.00	5.64	-0.60	-1.46	6.99
MRBLD1FB42P75_COS		2985.84	182.84	-332.15	299.88	73.31	-24.37	-69.86	-286.03	-88.93	-100.15	-15.10	58.23	11.18	-8.48	-48.91	-45.92
MRBLD1FB42P75_SIN		0.00	-32.08	-38.33	-149.82	327.41	100.30	73.71	-9.75	3.31	-70.90	-149.70	-7.79	-1.83	20.49	85.12	9.43
MRBLD1FB70_COS		401.90	-10.71	-161.40	78.44	5.13	-4.90	-7.40	-38.67	2.17	0.68	-1.07	-0.39	-0.57	0.06	11.11	11.34
MRBLD1FB70_SIN		0.00	-191.54	5.87	-69.86	93.96	10.80	16.50	1.80	3.11	2.50	3.02	4.09	3.82	-2.00	-17.36	-2.32
MRBLD1FB87_COS		-90.28	13.66	-147.26	17.24	-18.34	-21.43	-9.01	25.46	12.23	19.66	8.92	-11.67	1.44	3.70	7.13	5.15
MRBLD1FB87_SIN		0.00	-186.65	34.23	-9.78	53.00	6.69	-2.69	-1.24	-4.83	8.71	31.95	0.97	1.13	-2.21	-16.02	-1.34
MRBLD1FB120_COS		-474.75	18.37	-235.65	-12.33	0.34	-15.83	9.06	53.15	-2.87	-3.83	-8.66	0.76	-2.78	-4.36	-12.93	-7.90
MRBLD1FB120_SIN		0.00	-244.39	81.95	36.36	30.90	1.79	-28.61	-3.89	-5.60	-1.24	-10.34	-3.49	-5.96	2.07	23.62	1.87
MRBLD1FB164_COS		-225.63	46.94	-254.03	21.58	42.76	48.40	5.72	-85.87	-1.79	7.20	8.88	-4.37	1.08	4.60	10.41	5.15
MRBLD1FB164_SIN		0.00	-329.56	65.48	244.31	-115.73	-23.42	21.71	6.64	-1.60	0.45	21.26	-1.32	2.25	0.00	-13.14	-0.97

RUN	POINT	Harmonics															
64	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-266.20	-11.69	-122.21	11.09	27.66	43.33	-10.87	-81.82	11.65	19.82	4.05	-19.24	11.40	4.38	-19.23	-12.53
MRBLD1FB180_SIN		0.00	-236.38	47.90	203.43	-79.07	-16.88	39.33	24.38	-18.02	-19.04	59.47	4.78	-10.47	-8.08	30.58	5.94
MRBLD1TOR51_COS		-1497.34	63.02	56.94	4.10	-72.78	3.39	6.36	-13.45	13.14	-2.76	-9.75	-4.45	6.33	4.11	-10.72	-7.85
MRBLD1TOR51_SIN		0.00	-123.40	19.95	206.35	-31.64	10.35	-7.58	8.04	9.32	-10.71	4.55	-4.48	0.33	1.19	4.62	-4.17
MRBLD1TOR71_COS		-319.38	78.39	39.95	-8.77	-62.24	9.45	13.62	-1.25	13.39	-2.21	-8.96	-5.00	5.54	6.04	-5.77	-6.27
MRBLD1TOR71_SIN		0.00	-122.12	14.62	190.87	-47.91	7.02	-6.48	16.16	13.08	-3.84	10.77	-3.50	-0.58	0.47	2.83	-1.86
MRBLD1TOR130_COS		-84.12	68.52	57.56	-18.47	-50.32	9.55	12.07	-6.75	7.92	-1.42	5.51	3.02	0.55	0.13	1.86	1.01
MRBLD1TOR130_SIN		0.00	-109.93	10.63	194.90	-50.65	6.64	-0.49	10.02	9.05	-3.74	0.39	7.82	1.74	-0.01	-1.37	4.02
MRBLD1TOR164_COS		-264.14	35.81	82.41	-19.33	-42.44	-2.65	-0.55	-1.13	6.79	3.17	2.29	2.58	1.44	-0.13	-1.65	1.93
MRBLD1TOR164_SIN		0.00	-55.10	3.44	113.33	-12.88	5.92	8.25	9.96	1.18	0.20	5.30	5.11	0.99	-1.49	-4.28	1.04
MRFBM1CB26P5_COS		-4841.57	-566.83	8.68	57.28	7.51	-2.31	-1.22	-15.33	-1.33	-2.42	7.48	2.95	-0.42	-1.50	-5.71	-2.03
MRFBM1CB26P5_SIN		0.00	-18.33	8.18	-22.47	-30.07	-12.23	-22.94	-10.82	-4.01	-4.13	-12.92	2.52	0.01	0.32	-0.46	-2.68
MRFBM1FB9_COS		274.80	-74.20	96.80	-72.64	11.36	10.52	10.74	10.01	1.14	-0.97	-3.99	-0.89	-0.17	0.96	2.54	0.40
MRFBM1FB9_SIN		0.00	-66.78	37.12	2.39	-44.07	-6.28	3.12	10.65	2.92	3.46	3.60	-1.82	-0.28	0.45	1.09	1.46
MRFBM1TOR26P5_COS		-352.15	74.27	-0.32	0.00	-1.49	0.26	0.13	0.06	0.26	0.03	-0.18	-0.11	0.08	0.03	0.08	0.03
MRFBM1TOR26P5_SIN		0.00	-95.32	0.24	1.30	-0.97	-0.23	-0.14	-0.01	0.22	-0.01	0.14	-0.16	0.04	0.07	0.07	-0.04

RUN	POINT	Harmonics															
64	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-955.87	-1231.33	39.82	187.73	-30.01	-17.03	-34.79	-105.49	9.18	2.57	10.41	23.23	-4.53	-17.10	-44.17	-11.25
MRPC1CB33P25_SIN		0.00	117.12	-8.79	-81.85	97.49	-1.74	2.77	-50.98	-23.56	-30.76	-86.08	21.52	0.02	5.02	9.16	-10.87
MRPC1FB33P25_COS		2261.01	128.07	-281.37	271.70	-20.21	-51.55	-78.34	-217.88	-64.84	-33.67	72.90	46.20	9.71	-21.48	-103.58	-34.37
MRPC1FB33P25_SIN		0.00	131.00	-90.82	-72.63	295.93	73.58	34.64	-125.03	-40.78	-102.69	-118.14	30.11	6.48	7.52	8.15	-34.89
MRPC1TOR25P5_COS		-700.02	-45.70	-98.05	9.22	70.80	-10.26	-14.97	1.53	-16.81	5.40	15.79	10.52	-8.70	-7.39	-1.39	3.17
MRPC1TOR25P5_SIN		0.00	184.27	-63.71	-210.17	58.38	-5.39	14.62	-16.18	-15.34	8.78	-13.94	11.97	-0.08	0.24	-6.69	2.69
MRPLK1LOAD_COS		-75.56	0.98	-10.24	1.67	9.47	-1.23	-1.72	1.53	-2.08	0.53	2.60	1.29	-1.33	-0.99	0.06	0.08
MRPLK1LOAD_SIN		0.00	-3.11	-4.85	-28.26	6.18	-0.39	1.39	-1.46	-2.07	1.16	-1.61	1.91	-0.44	-0.23	-1.54	0.79
PITCHRH_COS		12139.28	-8208.85	-807.70	-34.94	-46.21	1109.83	-83.97	-2.76	104.23	-21.66	12.47	-67.25	24.22	-15.22	-47.82	-424.33
PITCHRH_SIN		0.00	2485.71	-552.75	139.07	-90.87	548.00	-96.31	150.95	30.13	-145.83	-254.12	80.74	-43.43	63.20	-24.61	88.65
ROLLRH_COS		2203.28	-2222.15	657.05	-2.57	-317.82	-1532.12	-149.04	-151.21	103.90	112.39	321.25	-50.49	19.21	-60.07	-17.75	-308.80
ROLLRH_SIN		0.00	-7825.97	-1019.40	-37.52	224.00	1618.78	-190.03	-53.69	16.14	-10.36	-209.95	-44.76	39.74	19.90	67.35	-450.54
TORQ_COS		30571.05	280.83	-20.87	9.51	-9.94	7.16	1.38	42.72	-20.97	-1.59	-8.78	0.26	3.64	1.35	-5.75	24.10
TORQ_SIN		0.00	664.76	-18.48	20.76	-52.11	44.46	5.05	35.13	0.42	-0.27	34.37	2.77	-8.37	8.16	-10.21	-15.78
THRUST_COS		5860.53	-11.26	13.21	-9.33	10.63	-5.72	6.07	35.39	-1.86	-3.40	-17.80	-0.51	0.96	2.24	3.82	12.92
THRUST_SIN		0.00	-24.18	3.49	0.48	22.50	-48.21	5.49	6.22	-2.53	6.84	56.02	-2.52	-1.22	-2.40	-11.49	21.19

RUN	POINT	Harmonics															
64	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.19	42.15	-18.47	4.49	14.09	22.48	8.58	0.90	-2.83	-4.54	-11.09	2.11	0.13	1.61	0.28	9.77
SIDERH_SIN		0.00	167.90	17.17	2.84	-71.95	-225.31	12.28	0.97	-0.20	0.83	8.55	2.63	-1.73	-0.25	-2.09	12.71
DRAGRH_COS		-158.19	223.60	17.53	-0.15	-3.71	68.24	-10.15	-1.86	-1.61	-2.66	4.66	4.12	-3.99	1.34	1.95	18.34
DRAGRH_SIN		0.00	-62.15	11.83	2.81	15.66	187.34	-8.31	6.55	0.45	10.80	2.22	-5.32	2.89	-2.26	-0.30	-4.69

RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	1.41	-0.01	0.00	0.03	0.01	0.00	0.00	0.01	-0.07	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.45	0.00	0.00	0.04	0.01	0.00	-0.02	-0.01	0.05	0.00	0.00	-0.01
ACT1DISP_COS		2.64	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-25.30	0.73	0.04	-2.82	6.41	-3.81	-0.27	0.84	-0.05	-0.25	0.33	0.15	-1.86	0.24	-0.15	-0.42
ACT1FORCE_SIN		0.00	13.19	1.75	0.00	11.08	2.36	-1.37	0.51	0.58	-0.27	-0.48	-0.30	0.77	0.00	-0.04	-0.20
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.08	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.12	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.16	-12.07	-1.08	18.18	216.85	19.62	4.05	-0.14	-0.61	-0.26	-0.01	0.13	-0.44	0.01	0.09	-0.04
FA1IBVOLTAGE_SIN		0.00	-74.90	-9.25	-0.47	-205.82	-16.28	15.95	0.08	-0.15	0.02	-0.11	-0.03	-0.57	-0.09	-0.04	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.08	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.25	12.28	1.19	-17.94	-216.67	-19.98	-4.29	-0.02	-0.49	0.06	0.13	-0.10	0.45	0.02	-0.07	0.04
FA1OBVOLTAGE_SIN		0.00	75.04	9.36	0.51	207.36	16.73	-15.90	-0.26	-0.19	-0.12	-0.03	0.01	0.52	0.08	0.05	0.14
MRBLD1CB42P75_COS		-4166.24	-1279.57	63.63	58.16	-142.02	58.07	-76.02	-149.23	28.26	96.32	28.60	24.29	-14.82	-2.76	-30.17	6.82
MRBLD1CB42P75_SIN		0.00	-216.93	-47.52	28.66	454.72	-171.54	4.28	-101.03	-102.69	-4.09	-51.05	86.19	-15.93	13.24	29.83	-22.76

RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2817.84	-807.54	365.40	-20.81	-256.79	21.85	-35.12	-116.35	0.94	89.01	-9.50	30.71	-9.85	4.25	-21.89	13.83
MRBLD1CB70_SIN		0.00	-134.24	-34.24	13.38	747.74	-137.20	252.00	-34.25	-102.78	5.18	-20.61	52.97	-11.04	11.04	24.26	-21.69
MRBLD1CB120_COS		-495.40	-346.78	489.54	0.45	-139.77	-13.61	13.17	-66.28	-46.30	-60.08	7.69	-13.79	9.07	9.50	-7.56	6.54
MRBLD1CB120_SIN		0.00	13.55	-90.82	-37.66	744.90	-77.62	453.97	-6.97	2.87	-9.86	20.53	-35.93	22.19	1.31	-2.28	-6.29
MRBLD1CB164_COS		-1965.87	-113.96	142.10	-36.00	-26.60	-50.91	10.15	26.63	-38.09	-79.97	30.54	-16.49	6.25	-1.17	15.96	-16.99
MRBLD1CB164_SIN		0.00	49.14	-35.38	-5.26	329.23	7.41	226.77	24.68	34.76	-29.12	13.02	-21.70	20.55	-5.80	-13.78	17.23
MRBLD1FB42P75_COS		3203.99	191.15	-462.96	114.05	672.90	-17.52	-27.17	-471.51	-65.62	-67.67	60.79	34.06	31.99	39.79	9.93	-47.49
MRBLD1FB42P75_SIN		0.00	44.35	-65.13	307.23	400.29	-123.38	32.69	-121.65	-44.98	-67.58	-172.68	62.25	0.30	5.12	98.53	-47.84
MRBLD1FB70_COS		410.93	5.45	-219.25	13.06	180.03	-4.52	-5.68	-70.09	-1.42	4.02	0.75	2.24	-3.95	-8.36	-0.58	10.96
MRBLD1FB70_SIN		0.00	-190.01	-8.88	77.30	142.47	-50.77	18.97	-13.72	-2.53	1.42	4.42	1.53	4.61	0.65	-22.54	9.14
MRBLD1FB87_COS		-71.39	28.67	-191.92	-21.16	60.87	-28.52	-13.47	41.80	12.31	12.83	-9.20	-8.17	-3.31	-7.17	-5.71	5.36
MRBLD1FB87_SIN		0.00	-178.55	17.49	67.36	65.05	-0.05	2.61	7.83	3.34	10.06	36.57	-15.79	0.49	1.27	-17.41	8.52
MRBLD1FB120_COS		-456.44	20.05	-288.05	-57.25	-7.55	-31.67	-4.51	105.27	-1.99	-3.11	-2.64	-2.17	5.64	10.20	6.49	-6.93
MRBLD1FB120_SIN		0.00	-206.42	40.33	124.66	-1.55	70.56	-25.95	20.86	3.14	-3.66	-11.01	4.49	-6.45	-3.23	25.13	-12.91
MRBLD1FB164_COS		-160.33	45.68	-360.24	4.69	-346.04	40.24	29.67	-148.56	-7.84	6.87	-1.02	3.45	1.22	-4.82	-1.47	3.85
MRBLD1FB164_SIN		0.00	-266.83	20.46	242.17	-121.19	-14.27	11.25	-47.58	-18.07	7.04	26.44	-13.62	1.95	2.32	-10.62	9.84

RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-203.18	-1.00	-196.49	2.21	-245.15	28.79	-0.37	-139.48	-1.02	12.71	-20.32	-4.73	16.65	14.24	3.95	-12.06
MRBLD1FB180_SIN		0.00	-186.62	18.03	139.71	-46.92	-42.42	25.61	-27.04	-15.54	-7.64	67.60	-22.97	-3.28	-8.98	30.05	-17.27
MRBLD1TOR51_COS		-1414.85	72.99	-13.73	6.60	-272.74	128.51	5.14	-68.79	1.12	3.75	-11.79	5.62	-2.24	1.78	-5.49	-0.68
MRBLD1TOR51_SIN		0.00	-76.69	0.32	100.25	-31.72	-72.19	-63.21	-0.54	3.28	-8.86	4.19	-6.17	6.67	2.24	8.44	-8.67
MRBLD1TOR71_COS		-269.28	87.74	-25.08	8.39	-257.15	119.33	15.21	-47.90	1.72	-0.04	-14.65	3.51	-2.75	3.14	-4.30	-0.62
MRBLD1TOR71_SIN		0.00	-73.03	-3.80	75.95	-62.51	-55.84	-59.98	15.90	10.15	-4.64	9.57	-6.58	4.58	0.61	4.65	-4.69
MRBLD1TOR130_COS		-26.96	73.97	-2.24	12.10	-255.19	90.98	20.16	-43.91	2.03	0.71	4.46	-2.27	-1.21	1.80	-3.30	-0.90
MRBLD1TOR130_SIN		0.00	-58.96	-4.93	64.68	-61.13	-48.02	-41.62	7.26	6.04	-4.73	6.59	10.20	1.46	0.10	-3.16	3.33
MRBLD1TOR164_COS		-225.46	39.06	57.33	10.14	-129.95	41.49	6.90	-17.03	4.06	6.50	-2.25	-1.48	5.67	4.40	-4.12	0.63
MRBLD1TOR164_SIN		0.00	-26.25	2.50	10.62	6.40	-38.55	-12.91	13.93	3.46	-2.50	9.65	5.37	1.03	1.50	-1.21	-0.38
MRFBM1CB26P5_COS		-4733.27	-516.89	-28.33	61.21	5.56	19.62	-15.86	-12.55	7.07	-3.20	12.94	-2.58	0.67	0.38	-5.41	-1.03
MRFBM1CB26P5_SIN		0.00	-157.38	-2.07	-7.25	-79.32	-23.58	-62.02	-19.16	-1.42	-3.94	-10.20	4.04	1.13	1.30	2.19	-2.50
MRFBM1FB9_COS		283.38	-71.29	168.11	13.68	-33.25	0.37	24.06	12.88	-0.94	-3.01	-4.92	1.02	-0.21	0.44	2.58	-2.10
MRFBM1FB9_SIN		0.00	8.29	66.92	-91.41	-86.08	14.74	2.63	22.71	5.82	0.93	0.69	-3.17	-0.77	-0.99	-0.69	1.58
MRFBM1TOR26P5_COS		-354.94	81.57	-0.28	-0.09	-6.73	2.00	-1.20	-0.12	-0.06	0.13	-0.19	0.20	0.00	-0.15	0.25	-0.07
MRFBM1TOR26P5_SIN		0.00	-96.90	0.30	0.54	-0.85	-1.44	-0.85	-0.07	0.24	0.26	-0.06	-0.20	0.22	0.00	0.04	-0.03

RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1048.38	-1163.33	-33.11	107.20	-8.15	48.91	-72.68	-135.66	19.49	45.59	45.45	9.83	-5.48	1.26	-31.20	5.12
MRPC1CB33P25_SIN		0.00	-168.12	-36.73	27.24	216.85	-139.93	-38.78	-108.79	-63.75	-21.01	-52.63	59.40	-4.18	14.41	27.37	-22.01
MRPC1FB33P25_COS		2248.83	116.86	-383.85	39.75	461.20	7.47	-21.66	-315.35	-27.66	-9.72	141.75	-16.62	20.39	22.21	-83.70	15.94
MRPC1FB33P25_SIN		0.00	199.00	-129.46	271.61	507.77	-104.99	23.37	-283.24	-71.10	-84.93	-89.26	67.89	20.14	33.60	67.04	-68.78
MRPC1TOR25P5_COS		-764.36	-54.04	-27.77	-6.67	303.67	-154.33	-7.63	54.21	-3.82	3.92	20.94	-10.25	-2.12	3.88	-11.31	2.12
MRPC1TOR25P5_SIN		0.00	136.43	-47.28	-89.67	93.29	67.97	73.76	-10.42	-14.29	3.28	-5.75	20.26	-10.24	0.35	-5.75	3.10
MRPLK1LOAD_COS		-83.10	1.54	-0.75	0.11	39.43	-19.95	-0.67	9.21	0.28	-0.10	2.74	-1.80	-0.10	0.97	-2.20	0.41
MRPLK1LOAD_SIN		0.00	-10.41	-2.69	-13.30	8.96	11.44	9.16	-0.53	-1.39	-0.42	0.20	2.97	-2.23	-0.16	-1.67	0.76
PITCHRH_COS		10400.42	-8762.83	-320.09	64.53	-198.06	2208.76	-442.36	169.51	132.55	115.25	-431.35	50.79	57.82	52.89	28.27	-476.46
PITCHRH_SIN		0.00	1952.53	-690.47	50.45	-72.50	-1112.86	77.21	111.43	-95.04	-85.99	-620.53	47.81	-26.04	14.76	-35.72	160.55
ROLLRH_COS		945.63	-1615.33	720.79	-2.87	-417.02	-1883.11	-145.27	-185.91	76.03	115.14	277.17	-95.07	-83.74	163.40	-151.66	-571.73
ROLLRH_SIN		0.00	-8359.87	-518.87	13.63	161.48	4496.42	-342.17	-80.05	3.69	41.35	-13.74	162.98	-92.71	78.03	1.75	-709.73
TORQ_COS		31776.45	384.77	-19.64	33.74	40.18	-141.76	-3.90	5.56	-38.83	-0.67	-11.17	-2.01	-6.55	-3.59	0.34	17.50
TORQ_SIN		0.00	695.12	-17.74	23.74	-123.51	164.74	-9.17	32.14	-0.97	-4.49	32.53	4.79	-4.66	8.47	-16.34	2.32
THRUST_COS		5696.44	-56.51	12.23	20.59	-3.63	-85.50	3.02	25.23	-4.68	-13.27	-42.23	-2.15	0.37	10.76	-11.26	-9.41
THRUST_SIN		0.00	-60.54	7.59	7.03	32.56	102.45	8.44	6.78	-0.26	-0.34	90.00	-21.19	-21.48	-0.73	0.19	27.80

RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-168.21	29.81	-15.79	1.82	34.35	-191.43	17.78	5.91	-1.70	-7.38	-16.81	5.86	2.43	-4.46	3.97	16.87
SIDERH_SIN		0.00	172.65	13.40	-0.15	-75.98	-490.92	23.46	4.82	1.44	-2.86	-4.98	-3.93	2.73	-2.49	0.17	20.08
DRAGRH_COS		-150.03	229.57	10.88	-2.49	10.64	734.64	9.59	-10.63	-6.23	-9.96	-22.27	-0.09	-2.85	-1.63	-4.23	19.88
DRAGRH_SIN		0.00	-51.38	12.47	4.72	13.62	319.48	4.22	-11.38	5.74	-1.16	-1.60	-13.27	5.40	-3.11	2.12	-5.87

RUN	POINT	Harmonics															
44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	1.45	0.00	0.00	0.01	0.04	0.00	0.00	0.01	-0.05	0.01	0.02	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.01	0.02	0.02	-0.02	-0.01	-0.08	0.03	0.01	0.01
ACT1DISP_COS		2.64	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-26.00	1.12	-0.66	-1.34	-0.03	-4.82	-0.01	0.44	0.33	0.06	0.40	0.21	-0.56	0.18	0.38	0.19
ACT1FORCE_SIN		0.00	13.65	1.29	1.02	15.04	0.99	-1.36	-0.09	0.51	-0.01	-0.33	-0.13	-2.35	0.64	0.27	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.15	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.90	-13.39	0.86	7.62	289.66	27.54	-0.21	-0.18	-0.20	-0.09	0.04	-0.09	0.57	-0.07	-0.09	-0.05
FA1IBVOLTAGE_SIN		0.00	-78.73	-3.71	-5.88	-90.30	-11.37	13.95	-0.26	-0.54	-0.10	0.04	-0.03	-0.54	-0.04	0.07	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.45	13.63	-0.79	-7.34	-290.17	-28.08	-0.01	0.11	-0.24	0.02	0.13	0.12	-0.50	0.09	0.06	0.01
FA1OBVOLTAGE_SIN		0.00	78.89	3.82	6.05	91.80	11.64	-14.01	0.08	-0.56	-0.13	-0.06	0.05	0.53	0.07	-0.07	-0.02
MRBLD1CB42P75_COS		-4253.81	-1133.27	89.93	113.58	-277.28	130.29	-67.47	-30.86	91.59	69.62	7.90	7.45	-3.09	-18.71	-31.17	14.60
MRBLD1CB42P75_SIN		0.00	-63.76	12.38	-131.15	405.33	-84.02	-18.97	-84.33	-75.83	72.80	-107.13	71.38	17.39	-1.48	-17.04	-8.37

RUN	POINT	Harmonics															
44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2774.67	-715.68	366.83	68.52	-484.69	82.61	-142.59	-27.43	87.99	60.73	-32.07	15.94	0.10	-7.06	-25.43	9.02
MRBLD1CB70_SIN		0.00	-42.98	13.18	-123.12	614.75	-65.94	267.50	-41.63	-91.88	73.22	-52.83	45.68	11.98	5.21	-12.09	-4.31
MRBLD1CB120_COS		-487.98	-309.98	473.81	67.02	-380.62	12.83	-210.80	-18.01	-43.62	-50.94	31.66	1.76	0.31	14.34	-3.57	1.53
MRBLD1CB120_SIN		0.00	66.07	-74.91	-160.93	657.17	-49.66	481.89	-24.93	-15.57	-61.42	43.77	-31.26	2.05	11.44	-2.17	-2.51
MRBLD1CB164_COS		-1966.06	-108.13	134.89	-7.46	-146.16	-52.03	-103.47	8.72	-70.37	-55.97	56.76	-5.68	5.63	6.42	13.93	-9.99
MRBLD1CB164_SIN		0.00	65.86	-38.09	-58.19	325.90	-10.64	228.46	12.25	15.09	-97.24	35.46	-22.29	-2.97	-4.55	8.78	5.86
MRBLD1FB42P75_COS		3258.79	139.39	-407.60	27.43	506.39	45.44	-48.34	-217.92	-87.31	-104.11	60.51	43.14	40.93	14.38	-70.99	-10.30
MRBLD1FB42P75_SIN		0.00	25.19	-71.83	-67.41	809.44	-57.63	57.33	-166.21	-25.81	-79.75	-231.35	33.28	17.56	10.99	38.86	-34.26
MRBLD1FB70_COS		417.07	1.51	-198.23	-4.41	111.40	15.00	-15.85	-25.95	-0.11	4.01	-2.10	1.00	-5.08	-4.85	15.51	2.62
MRBLD1FB70_SIN		0.00	-184.48	-10.37	-46.97	259.62	-34.99	17.17	-23.23	-2.91	5.04	3.85	3.76	2.26	-1.11	-8.40	6.76
MRBLD1FB87_COS		-74.30	22.00	-176.93	-23.82	28.63	-28.53	-15.67	21.57	12.57	17.67	-6.19	-8.34	-5.87	-0.59	12.02	-0.64
MRBLD1FB87_SIN		0.00	-177.56	15.29	6.30	122.84	-1.45	-3.10	12.01	1.91	9.16	48.96	-9.98	-4.26	0.14	-6.19	5.66
MRBLD1FB120_COS		-472.06	16.70	-258.40	-49.91	-0.18	-58.64	9.19	40.56	-1.47	-2.56	-4.34	-1.17	6.85	0.93	-20.56	0.89
MRBLD1FB120_SIN		0.00	-228.05	42.39	74.97	6.08	43.34	-32.85	37.19	-0.48	-1.79	-13.87	0.62	-0.63	-1.18	8.02	-9.46
MRBLD1FB164_COS		-166.65	49.62	-301.49	-38.04	-225.75	37.29	17.51	-61.42	-11.60	5.42	4.71	5.19	-2.76	0.31	12.22	0.34
MRBLD1FB164_SIN		0.00	-304.24	46.87	176.99	-373.84	-17.22	26.76	-60.92	-17.56	3.78	30.80	-5.50	0.97	3.17	-2.93	7.31

RUN	POINT	Harmonics															
44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-204.75	-2.86	-164.38	-32.93	-174.90	40.12	-16.06	-58.25	-4.87	17.04	-12.72	1.41	13.55	11.43	-29.08	-1.55
MRBLD1FB180_SIN		0.00	-212.49	36.79	115.19	-234.10	-41.02	40.11	-32.53	-26.72	-16.40	90.75	-14.26	-9.99	-6.31	14.13	-10.59
MRBLD1TOR51_COS		-1409.48	73.17	1.16	-16.80	-212.46	154.67	24.76	-26.42	9.40	5.50	-15.57	0.42	-1.04	5.82	-7.69	0.22
MRBLD1TOR51_SIN		0.00	-74.80	8.74	40.92	-152.27	12.82	-63.08	-17.23	-0.97	-3.88	3.54	-2.66	-9.28	1.96	0.13	-6.53
MRBLD1TOR71_COS		-265.54	86.99	-13.61	-15.88	-189.98	139.69	37.21	-20.70	8.36	3.49	-17.65	-2.10	-1.55	6.66	-4.04	0.79
MRBLD1TOR71_SIN		0.00	-72.65	1.45	36.92	-180.88	17.10	-58.78	-2.42	6.94	-1.10	10.39	-2.97	-10.15	2.24	-0.20	-2.70
MRBLD1TOR130_COS		-25.91	75.52	4.90	-15.97	-187.78	111.91	36.76	-20.20	5.29	2.24	7.34	-4.45	-1.59	-0.50	0.57	1.13
MRBLD1TOR130_SIN		0.00	-59.89	0.87	46.08	-188.33	9.92	-37.16	-5.30	5.76	-2.43	0.32	11.29	1.04	1.69	-3.13	4.03
MRBLD1TOR164_COS		-225.46	41.05	52.71	-6.06	-117.84	57.95	15.67	-10.04	3.56	5.08	-2.58	-1.02	3.31	0.64	-2.48	1.12
MRBLD1TOR164_SIN		0.00	-23.80	3.23	13.58	-53.07	-4.71	-11.17	7.57	3.31	-0.65	6.22	5.95	8.83	1.41	-7.09	0.94
MRFBM1CB26P5_COS		-4792.02	-443.70	-13.40	54.32	46.10	29.93	12.12	-3.84	-1.78	-1.65	15.93	-0.56	0.13	-0.30	-3.49	1.29
MRFBM1CB26P5_SIN		0.00	-76.96	13.62	-29.02	-69.71	-13.12	-72.81	-14.05	3.36	-5.63	-14.80	3.28	1.45	0.17	-2.35	-1.80
MRFBM1FB9_COS		331.01	-156.87	132.71	-1.60	5.65	-3.09	25.48	0.60	-1.93	-0.96	-6.44	0.81	0.31	0.40	1.24	-1.59
MRFBM1FB9_SIN		0.00	-6.73	50.77	5.08	-114.50	6.07	12.98	14.19	4.85	0.41	2.68	-2.92	-1.75	-0.25	1.66	0.13
MRFBM1TOR26P5_COS		-355.09	80.96	-0.33	-0.16	-5.64	2.67	-1.05	0.20	0.04	0.10	-0.28	0.19	-0.05	0.02	0.11	-0.09
MRFBM1TOR26P5_SIN		0.00	-98.14	0.53	0.23	-3.95	-0.45	-1.09	-0.16	0.12	0.17	0.27	-0.20	0.01	-0.08	0.18	-0.13

RUN	POINT	Harmonics															
44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1117.40	-1035.76	0.68	122.46	-62.59	109.25	-50.40	-35.62	40.03	31.53	41.54	6.05	0.29	-12.08	-31.43	11.66
MRPC1CB33P25_SIN		0.00	-39.14	16.04	-113.74	238.66	-73.62	-71.06	-89.79	-46.03	14.96	-91.73	48.58	15.58	3.28	-16.34	-10.31
MRPC1FB33P25_COS		2293.98	74.45	-336.16	37.89	221.30	41.37	-52.16	-103.61	-46.68	-31.09	173.80	8.23	15.63	0.22	-79.34	26.22
MRPC1FB33P25_SIN		0.00	180.40	-129.07	-49.71	806.27	-39.49	43.44	-216.59	-64.21	-108.46	-134.94	50.66	41.14	19.71	-40.72	-27.61
MRPC1TOR25P5_COS		-768.70	-58.54	-41.88	26.96	211.67	-177.40	-28.48	16.23	-8.65	-0.74	25.34	-5.20	-2.38	-8.52	-1.68	5.17
MRPC1TOR25P5_SIN		0.00	136.40	-59.93	-35.54	231.43	-25.64	73.36	7.95	-8.76	4.98	-15.09	13.11	10.45	2.02	-11.59	8.24
MRPLK1LOAD_COS		-83.85	1.74	-2.88	4.56	28.61	-24.32	-2.70	3.48	-1.02	-0.24	3.63	-1.64	0.13	-1.14	-0.20	1.07
MRPLK1LOAD_SIN		0.00	-10.40	-3.82	-5.90	26.82	-0.95	8.57	2.33	-0.24	-0.22	-1.91	2.43	0.92	0.71	-2.45	1.73
PITCHRH_COS		11706.96	-8764.52	-358.67	112.27	-206.40	3395.87	-371.65	27.95	151.21	90.78	140.49	-10.19	-10.72	29.34	115.17	-533.63
PITCHRH_SIN		0.00	1965.10	-664.62	61.54	-67.02	408.42	15.73	182.03	-7.73	28.01	-828.96	137.23	17.25	23.98	59.07	-253.24
ROLLRH_COS		1293.01	-1613.63	740.32	-36.30	-595.73	-4389.98	-57.03	-97.81	162.81	59.85	320.31	-202.32	27.87	-95.52	-26.09	337.05
ROLLRH_SIN		0.00	-8418.78	-484.83	11.16	1.05	3811.42	-289.02	-118.17	-124.63	10.27	-155.95	-9.90	-87.26	158.39	-119.28	-642.77
TORQ_COS		30513.58	383.65	-24.30	15.60	7.14	-213.22	3.42	-1.59	-20.85	-8.52	-15.39	-2.36	-7.38	-3.30	5.01	-27.90
TORQ_SIN		0.00	694.72	-22.17	38.50	-61.69	60.34	-8.13	33.45	-21.20	-2.89	57.02	-1.25	-15.33	5.48	-13.76	-6.98
THRUST_COS		5838.63	-56.70	9.36	21.54	5.37	-142.90	1.86	27.52	-6.90	-10.15	-61.15	14.10	17.95	4.60	-4.63	5.70
THRUST_SIN		0.00	-62.43	9.61	10.11	22.27	34.01	2.31	18.51	-3.61	-1.30	75.65	-12.24	-12.32	10.49	-9.86	15.34

RUN	POINT	Harmonics															
44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.61	26.51	-17.84	-1.17	61.24	56.15	11.22	2.46	-6.17	-2.04	-12.29	8.06	-0.33	3.05	-0.09	-9.85
SIDERH_SIN		0.00	179.25	13.93	1.18	-62.06	-602.59	19.53	7.28	6.21	-1.75	-2.20	3.40	2.44	-4.79	3.09	18.20
DRAGRH_COS		-137.64	230.41	13.75	-5.65	0.96	566.13	-13.03	1.91	-7.87	2.31	-5.65	8.59	-4.03	1.85	-7.36	22.50
DRAGRH_SIN		0.00	-51.29	11.94	3.88	19.60	722.61	8.22	-12.86	-0.05	-5.09	-26.57	-10.56	-0.90	-0.49	-4.54	9.29

RUN	POINT	Harmonics															
49	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.03	-0.02	0.00	0.00	0.00	0.00	0.03	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.04	0.03	-0.02	0.01	0.11	0.00	-0.01	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.27	1.60	0.48	-1.21	-15.01	-3.11	1.00	0.97	0.10	-0.09	0.23	-0.04	-0.92	0.73	0.27	0.12
ACT1FORCE_SIN		0.00	14.16	0.41	4.25	7.90	-3.42	-0.62	0.17	0.29	0.72	-0.20	0.19	2.36	-0.06	-0.27	0.41
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.99	-14.55	-9.26	5.13	162.71	25.50	-10.60	0.26	0.54	0.28	0.03	0.05	-0.68	-0.02	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-82.92	-2.83	-27.88	235.20	17.33	6.04	-0.42	0.54	0.10	-0.08	0.12	0.38	0.23	-0.06	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.12	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.07	14.75	9.30	-5.05	-164.10	-25.88	10.53	-0.20	0.32	-0.08	-0.11	-0.05	0.62	0.03	-0.01	0.06
FA1OBVOLTAGE_SIN		0.00	83.12	2.91	28.27	-235.17	-17.67	-6.17	0.28	-0.01	-0.04	0.16	-0.13	-0.40	-0.27	0.07	-0.06
MRBLD1CB42P75_COS		-4236.81	-1195.57	-58.79	354.43	-290.79	32.03	-52.05	-21.13	6.76	-5.65	81.19	-12.40	4.16	-10.84	-64.30	-1.63
MRBLD1CB42P75_SIN		0.00	44.97	35.37	-166.72	67.71	132.39	-41.55	-52.26	40.07	-25.63	-162.75	32.69	-23.10	-7.21	17.23	-28.89

RUN	POINT	Harmonics															
49	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2683.62	-735.22	197.48	306.63	-410.80	-0.75	-244.43	0.25	26.77	-9.69	20.80	-14.20	1.02	-9.17	-46.60	4.54
MRBLD1CB70_SIN		0.00	44.33	-8.29	-83.88	49.98	104.99	63.98	-3.54	58.92	-23.14	-104.56	18.97	-8.26	-11.09	9.77	-31.78
MRBLD1CB120_COS		-550.69	-317.79	330.31	264.95	-430.43	-13.82	-396.03	7.36	-0.71	12.17	-27.48	19.64	1.37	5.75	3.53	6.47
MRBLD1CB120_SIN		0.00	147.39	-133.20	-150.66	112.32	29.19	117.58	10.56	-26.19	-31.95	92.59	-11.28	19.68	6.57	-8.65	-10.69
MRBLD1CB164_COS		-1977.67	-106.65	121.57	83.00	-253.77	-19.24	-170.09	12.75	-7.24	28.77	-9.89	22.86	4.21	6.24	28.35	-8.99
MRBLD1CB164_SIN		0.00	88.20	-62.57	-48.95	106.58	-35.13	40.29	19.70	-54.25	-28.26	81.83	-8.25	15.66	8.92	3.53	25.38
MRBLD1FB42P75_COS		3203.23	129.50	-364.77	449.04	-506.47	17.29	-160.51	-193.70	-110.00	-47.84	60.78	61.10	12.96	8.76	-56.86	-72.55
MRBLD1FB42P75_SIN		0.00	-11.77	8.15	-462.15	837.83	181.85	37.15	-159.76	-62.53	-156.76	-157.01	-13.28	-30.72	16.79	113.50	-45.97
MRBLD1FB70_COS		430.22	-12.45	-173.48	144.81	-191.81	13.76	-31.75	-22.56	-1.23	-1.08	-1.07	-1.64	-1.81	-2.38	14.01	16.84
MRBLD1FB70_SIN		0.00	-194.23	23.74	-155.96	235.26	33.32	3.56	-19.10	2.60	-0.22	-2.01	5.82	6.69	-1.38	-23.18	10.35
MRBLD1FB87_COS		-69.60	17.26	-136.61	55.47	-111.49	-19.16	-5.27	20.34	16.93	12.57	-7.17	-11.31	1.01	-0.90	8.14	10.31
MRBLD1FB87_SIN		0.00	-196.62	43.86	-34.25	115.58	-3.96	-11.94	12.09	3.81	23.66	38.91	1.66	10.22	0.31	-23.25	7.99
MRBLD1FB120_COS		-485.53	26.74	-193.41	29.86	1.33	-49.67	38.19	33.26	7.52	-1.44	-5.99	2.54	-0.06	1.84	-15.20	-15.85
MRBLD1FB120_SIN		0.00	-277.89	100.55	59.25	51.59	-43.86	-23.65	26.21	-1.51	2.70	-11.20	-7.37	-14.29	-1.02	34.46	-11.99
MRBLD1FB164_COS		-165.46	58.80	-293.07	6.30	355.68	53.47	-18.04	-62.06	-11.41	1.18	4.95	2.14	2.27	0.57	11.10	8.88
MRBLD1FB164_SIN		0.00	-340.53	148.15	53.15	-416.25	-30.76	47.70	-39.02	-7.11	0.01	21.39	3.93	11.27	-0.53	-18.29	6.83

RUN	POINT	Harmonics															
49	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.38	-3.49	-169.10	-28.38	226.44	67.78	-52.98	-61.31	27.05	24.55	-21.30	-9.21	19.25	7.43	-21.42	-18.80
MRBLD1FB180_SIN		0.00	-232.82	103.97	36.03	-314.37	-13.41	49.50	-21.89	-16.27	4.51	72.22	0.99	1.74	-4.46	40.24	-12.58
MRBLD1TOR51_COS		-1399.03	62.25	-18.40	28.21	102.31	20.31	53.34	-9.65	5.03	2.42	-6.16	0.56	3.11	-0.54	-9.79	1.56
MRBLD1TOR51_SIN		0.00	-76.68	27.78	-72.50	-228.84	154.58	-13.71	-9.50	4.16	-5.33	-4.91	-2.34	15.38	-0.84	2.62	-7.53
MRBLD1TOR71_COS		-252.90	76.44	-25.66	3.40	126.45	23.62	61.90	-4.93	4.46	-0.27	-8.00	-0.59	3.49	3.09	-6.62	1.16
MRBLD1TOR71_SIN		0.00	-75.60	16.51	-60.28	-235.49	134.85	-3.98	1.16	8.39	1.14	2.04	-3.18	13.05	-1.74	0.36	-3.22
MRBLD1TOR130_COS		-27.02	71.11	-7.18	-25.82	140.71	30.24	47.77	-4.47	-1.41	2.29	12.75	1.17	4.03	2.30	-3.19	-1.36
MRBLD1TOR130_SIN		0.00	-61.45	10.93	-37.62	-247.04	107.71	7.43	-4.49	4.06	-5.66	-2.73	4.79	2.52	-0.69	-2.18	3.95
MRBLD1TOR164_COS		-218.73	38.42	41.82	-31.52	20.16	16.18	17.07	1.67	5.89	1.88	1.82	1.01	6.95	4.30	-6.57	-1.51
MRBLD1TOR164_SIN		0.00	-18.11	-6.97	-27.20	-128.54	62.97	6.58	2.44	3.40	1.11	3.37	1.34	-4.16	0.28	-1.53	-2.23
MRFBM1CB26P5_COS		-4777.01	-477.94	-53.34	73.61	60.71	16.73	42.55	-6.60	-8.45	1.96	16.96	2.72	2.09	-0.02	-6.52	-1.26
MRFBM1CB26P5_SIN		0.00	-25.15	24.78	-59.34	-3.48	16.94	-33.78	-16.78	-9.54	-3.93	-8.97	2.15	-1.83	2.32	0.35	-2.85
MRFBM1FB9_COS		341.97	-165.71	152.67	-139.98	101.48	10.84	10.28	0.46	0.15	-2.74	-6.47	-0.06	-1.18	0.74	3.38	-1.61
MRFBM1FB9_SIN		0.00	-56.34	-2.43	59.30	-63.92	-13.40	24.08	11.44	3.14	4.35	2.58	-1.34	0.04	0.16	1.20	2.07
MRFBM1TOR26P5_COS		-353.09	77.84	-0.66	0.01	2.26	0.63	0.86	-0.07	0.25	0.20	-0.64	0.00	-0.12	-0.11	0.28	-0.01
MRFBM1TOR26P5_SIN		0.00	-94.77	0.35	-0.14	-5.32	1.73	-0.73	0.20	0.27	0.23	0.22	-0.05	0.13	0.14	0.10	-0.04

RUN	POINT	Harmonics															
49	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1218.94	-1105.45	-120.52	309.29	-162.42	38.67	-12.54	-30.21	-8.62	4.20	73.16	3.75	6.41	-6.12	-59.14	-0.98
MRPC1CB33P25_SIN		0.00	51.81	55.99	-203.05	107.11	105.72	-64.21	-71.03	-0.56	-37.41	-112.37	25.67	-16.86	-0.38	14.22	-30.46
MRPC1FB33P25_COS		2355.86	69.17	-313.09	452.11	-625.44	-39.97	-148.52	-86.04	-51.36	44.36	134.07	52.00	31.86	-7.30	-134.97	0.00
MRPC1FB33P25_SIN		0.00	150.35	-59.79	-289.07	585.79	141.21	-17.33	-205.70	-96.49	-139.54	-83.91	29.25	-13.03	16.99	19.45	-91.72
MRPC1TOR25P5_COS		-754.83	-54.69	-18.17	-5.96	-167.91	-25.35	-72.17	6.30	-7.25	-4.35	23.65	0.13	1.06	3.79	-14.37	-2.41
MRPC1TOR25P5_SIN		0.00	146.00	-80.53	95.56	270.34	-166.77	17.86	-3.52	-8.36	-1.45	-8.91	6.07	-22.26	-0.29	-5.71	-1.81
MRPLK1LOAD_COS		-84.04	1.84	-0.64	0.06	-19.73	-4.56	-7.97	1.50	-0.90	-0.78	4.47	-0.20	0.44	1.22	-2.62	-0.38
MRPLK1LOAD_SIN		0.00	-8.80	-6.62	10.69	34.00	-22.45	2.00	0.76	-1.72	-0.17	-1.38	0.62	-3.10	-0.85	-1.82	0.35
PITCHRH_COS		12352.50	-8482.71	-473.87	38.97	-140.04	488.84	-237.70	-170.40	135.54	78.14	207.23	-194.40	-39.44	13.37	-84.09	-705.59
PITCHRH_SIN		0.00	2446.21	-633.74	76.45	-184.80	3634.25	6.02	147.73	126.02	-40.12	223.84	97.09	-20.10	0.50	-119.46	182.88
ROLLRH_COS		2569.34	-2113.93	694.72	24.04	-473.45	-5649.18	-169.75	-137.50	182.27	39.25	310.26	3.96	1.81	-78.66	70.79	-451.13
ROLLRH_SIN		0.00	-8057.60	-529.99	51.79	-244.65	-1353.82	-251.66	-118.46	122.99	-17.81	-72.27	-247.60	151.72	-192.14	-72.31	-652.59
TORQ_COS		30554.38	394.92	-1.54	10.72	-48.65	-65.49	-2.06	16.51	32.90	-0.25	-44.07	0.58	8.55	-4.39	-1.13	15.83
TORQ_SIN		0.00	746.95	-23.34	29.61	-17.88	-145.65	2.30	42.83	3.68	-16.05	46.55	3.19	-13.31	5.73	-11.91	-45.57
THRUST_COS		5854.30	-64.56	2.69	21.69	24.76	-37.36	10.25	24.52	-2.92	-7.49	19.19	9.83	1.90	1.78	-0.48	-4.09
THRUST_SIN		0.00	-52.67	11.98	7.33	21.30	-173.50	7.71	31.96	0.66	1.12	13.33	18.53	13.78	-1.73	13.21	53.27

RUN	POINT	Harmonics															
49	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.21	40.07	-18.24	-8.80	50.14	502.07	11.87	-1.63	-6.58	-0.13	-6.66	-1.87	1.17	2.00	-2.50	13.33
SIDERH_SIN		0.00	152.42	14.85	3.75	-26.86	-277.22	23.05	-0.43	-9.75	3.55	4.34	9.33	-4.13	5.68	1.93	18.58
DRAGRH_COS		-156.93	219.36	16.03	-10.10	-17.15	-197.46	-13.89	-4.46	11.79	-5.74	33.60	11.11	0.11	0.08	3.13	33.00
DRAGRH_SIN		0.00	-61.09	14.36	-1.77	15.79	581.59	-27.15	8.71	-4.09	9.99	3.00	-4.28	-0.56	0.73	7.14	-8.08

RUN	POINT	Harmonics															
49	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.02	0.02	0.00	0.00	0.01	0.10	0.01	0.01	0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.00	0.05	0.01	-0.02	0.01	0.02	-0.01	0.02	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.43	1.67	-0.48	-0.86	-10.12	-4.40	0.83	0.73	0.26	0.31	0.32	0.25	2.35	0.29	0.26	0.46
ACT1FORCE_SIN		0.00	14.07	0.85	3.16	12.87	-1.90	-0.97	0.14	0.52	0.28	-0.29	0.44	1.28	-0.24	0.27	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.54	-15.55	-2.02	3.63	263.45	29.16	-7.18	0.09	0.91	0.16	-0.07	0.04	0.32	0.03	-0.09	0.06
FA1IBVOLTAGE_SIN		0.00	-83.01	-3.11	-20.61	130.67	5.97	10.65	-0.38	-0.15	-0.07	-0.10	0.06	0.84	0.19	0.16	0.13
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.54	15.76	2.09	-3.44	-264.75	-29.69	7.07	-0.08	0.05	0.05	0.13	-0.06	-0.37	-0.12	0.05	-0.09
FA1OBVOLTAGE_SIN		0.00	83.21	3.22	20.96	-129.96	-6.12	-10.80	0.24	-0.30	-0.05	0.22	-0.01	-0.79	-0.16	-0.18	-0.17
MRBLD1CB42P75_COS		-4236.32	-1248.71	20.08	275.01	-300.70	113.11	-65.45	-1.62	84.99	-10.60	31.26	17.43	-28.23	-20.87	-39.95	7.06
MRBLD1CB42P75_SIN		0.00	-26.35	33.86	-184.18	217.99	62.28	-35.69	-39.20	36.70	6.96	-173.56	49.79	-0.35	-11.38	0.04	-20.18

RUN	POINT	Harmonics															
49	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2692.32	-772.99	270.95	236.34	-453.28	74.26	-215.71	17.61	103.11	-15.16	-14.46	12.81	-13.61	-18.77	-25.41	4.93
MRBLD1CB70_SIN		0.00	-27.41	12.16	-126.64	270.17	53.24	152.57	-5.81	28.66	11.32	-109.84	30.65	4.22	-7.05	-5.31	-19.70
MRBLD1CB120_COS		-545.64	-323.37	380.60	208.86	-414.75	20.83	-340.59	28.28	-22.50	1.61	17.09	3.04	18.71	9.90	2.51	3.42
MRBLD1CB120_SIN		0.00	77.47	-100.65	-181.13	329.92	3.05	272.10	3.78	-38.87	-40.65	95.79	-22.75	7.20	11.69	-7.32	-10.25
MRBLD1CB164_COS		-1976.10	-108.49	122.55	59.67	-212.90	-29.29	-149.55	17.76	-55.10	18.95	33.76	0.75	18.59	14.23	16.41	-6.28
MRBLD1CB164_SIN		0.00	67.43	-51.44	-61.69	208.18	-27.02	119.35	12.26	-52.63	-54.67	89.35	-19.32	5.12	8.22	10.25	16.74
MRBLD1FB42P75_COS		3196.70	154.04	-356.33	297.04	-74.42	52.50	-139.99	-127.27	-94.05	-83.77	79.90	58.66	3.95	-0.80	-60.42	-48.15
MRBLD1FB42P75_SIN		0.00	5.72	-32.11	-377.29	964.92	73.78	59.07	-113.78	-33.92	-127.88	-193.53	-5.30	5.29	7.42	60.95	-43.32
MRBLD1FB70_COS		427.96	-9.75	-172.51	94.12	-65.25	21.23	-31.23	-9.46	3.72	-1.03	-2.60	0.90	-0.18	-1.75	13.32	11.77
MRBLD1FB70_SIN		0.00	-188.89	4.11	-135.63	288.34	1.06	9.39	-14.32	1.36	2.58	-1.44	5.38	4.53	-0.20	-12.85	9.39
MRBLD1FB87_COS		-69.22	15.95	-145.66	32.69	-51.68	-22.08	-9.69	13.61	12.71	17.76	-9.37	-11.83	5.07	2.84	9.72	5.47
MRBLD1FB87_SIN		0.00	-183.52	27.52	-28.42	140.94	-3.59	-7.63	7.00	0.26	17.55	44.42	-1.08	-0.75	2.30	-11.29	7.48
MRBLD1FB120_COS		-482.67	15.04	-204.80	8.40	2.86	-63.12	32.72	13.75	-0.84	-2.67	-5.83	-1.09	-6.59	-3.44	-16.66	-8.70
MRBLD1FB120_SIN		0.00	-248.36	71.55	61.32	34.92	-7.74	-27.22	21.69	-2.05	0.89	-11.90	-4.90	-4.68	-3.24	16.41	-11.28
MRBLD1FB164_COS		-161.21	48.22	-272.68	-15.68	110.69	38.35	-7.59	-34.00	-5.13	5.68	5.30	4.43	8.86	3.64	12.02	5.24
MRBLD1FB164_SIN		0.00	-311.62	102.74	96.21	-492.83	-19.90	34.78	-28.77	-8.68	2.78	24.43	-0.07	1.88	1.96	-9.43	5.99

RUN	POINT	Harmonics															
49	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.37	-8.15	-155.44	-38.60	50.81	53.71	-44.14	-39.15	17.82	27.33	-20.07	-13.10	22.10	9.13	-21.45	-10.34
MRBLD1FB180_SIN		0.00	-215.51	75.90	66.73	-348.70	-25.76	45.24	-8.13	-29.02	-7.09	80.97	-4.89	-16.17	-5.00	22.60	-12.85
MRBLD1TOR51_COS		-1396.76	64.01	-3.91	0.62	-31.74	95.92	42.32	0.96	10.86	0.83	-12.42	-0.48	17.92	2.64	-6.89	2.40
MRBLD1TOR51_SIN		0.00	-75.48	21.94	-33.33	-249.26	111.95	-34.87	-4.37	3.82	-5.98	-5.02	-4.91	3.00	2.75	-0.28	-5.67
MRBLD1TOR71_COS		-250.95	79.25	-15.78	-14.98	-7.88	88.17	54.62	2.38	8.37	0.06	-14.36	-3.12	16.49	3.60	-3.19	1.75
MRBLD1TOR71_SIN		0.00	-73.22	11.68	-23.77	-265.05	99.73	-27.01	3.55	8.64	-0.51	2.47	-6.06	0.59	1.97	0.32	-3.41
MRBLD1TOR130_COS		-25.11	71.39	1.26	-33.62	0.15	78.17	46.13	0.58	3.53	0.92	10.70	-1.02	1.26	-2.33	0.09	-1.02
MRBLD1TOR130_SIN		0.00	-59.56	7.60	-2.80	-276.11	77.75	-10.89	-1.84	7.68	-4.88	-3.50	5.49	-0.46	-0.48	0.30	1.32
MRBLD1TOR164_COS		-218.33	39.89	43.76	-29.67	-45.15	43.92	16.99	0.20	5.24	2.16	-0.31	-0.57	-2.43	0.38	-3.11	-1.78
MRBLD1TOR164_SIN		0.00	-21.29	-1.60	-8.21	-121.24	39.41	0.54	2.97	2.86	0.30	3.13	1.81	-2.43	-1.13	-2.61	-3.15
MRFBM1CB26P5_COS		-4781.17	-499.14	-27.37	63.39	53.73	25.78	30.75	-6.69	-9.62	1.46	15.99	1.71	-0.25	1.04	-4.99	0.18
MRFBM1CB26P5_SIN		0.00	-52.45	20.40	-53.47	-27.11	7.75	-51.26	-12.20	-0.58	-5.43	-11.11	2.63	-0.92	0.53	-0.40	-2.68
MRFBM1FB9_COS		343.98	-141.61	124.65	-95.82	64.98	2.43	19.42	-1.39	-1.31	-0.96	-6.94	-0.19	0.43	0.54	1.82	-1.72
MRFBM1FB9_SIN		0.00	-56.52	19.21	54.10	-100.25	-6.19	20.87	7.80	2.26	3.56	3.11	-2.30	-0.13	0.43	1.44	1.08
MRFBM1TOR26P5_COS		-352.99	77.73	-0.63	-0.18	-0.86	1.66	0.10	0.16	0.31	0.19	-0.40	0.10	0.09	0.14	0.09	0.02
MRFBM1TOR26P5_SIN		0.00	-94.72	0.56	-0.02	-5.88	1.11	-1.05	0.20	0.07	0.18	0.33	0.00	0.12	0.12	-0.01	0.05

RUN	POINT	Harmonics															
49	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1221.50	-1151.70	-50.23	242.30	-134.81	98.12	-33.84	-15.35	31.38	-4.77	49.59	19.41	-17.17	-12.09	-37.87	6.30
MRPC1CB33P25_SIN		0.00	-3.94	44.64	-197.71	185.14	42.91	-71.27	-53.19	8.01	-20.79	-119.86	34.25	-0.29	-5.51	-1.07	-23.63
MRPC1FB33P25_COS		2350.65	92.97	-299.80	314.25	-297.28	15.59	-134.48	-54.45	-48.61	4.59	166.47	46.03	-2.06	-8.31	-90.57	11.51
MRPC1FB33P25_SIN		0.00	163.85	-90.24	-249.58	793.53	65.95	10.13	-142.41	-67.78	-133.96	-98.78	33.34	5.57	4.61	-16.45	-67.30
MRPC1TOR25P5_COS		-758.40	-51.89	-34.80	20.86	-10.04	-107.59	-55.63	-7.95	-9.82	-3.64	24.58	0.91	-24.43	-8.67	-5.92	-2.50
MRPC1TOR25P5_SIN		0.00	143.98	-71.80	48.53	315.18	-125.38	44.60	-6.39	-6.84	3.92	-10.88	9.39	-7.46	-4.77	-2.96	-4.14
MRPLK1LOAD_COS		-84.56	1.61	-2.35	3.47	0.29	-15.68	-5.82	-0.31	-1.86	-0.47	3.87	-0.72	-3.11	-1.74	-0.55	-0.53
MRPLK1LOAD_SIN		0.00	-9.48	-5.68	4.83	38.97	-15.94	5.18	0.28	-0.90	0.22	-1.68	0.85	-1.46	-1.14	-0.47	-0.64
PITCHRH_COS		12004.91	-8493.47	-484.43	45.36	-125.69	1791.23	-278.07	-16.08	148.25	98.97	514.97	-123.29	-32.44	-23.92	-36.42	-421.94
PITCHRH_SIN		0.00	2445.74	-636.06	77.55	-195.76	2946.33	-37.80	245.42	50.63	-51.08	-33.24	133.23	-3.46	53.25	-7.41	63.19
ROLLRH_COS		2471.10	-2099.14	725.69	-8.06	-495.42	-5804.63	-158.55	-117.94	237.59	39.61	303.68	-133.45	135.96	-227.28	57.38	59.65
ROLLRH_SIN		0.00	-8131.53	-564.10	49.56	-145.59	1050.04	-230.13	-101.51	-41.91	-23.06	-205.49	-178.84	25.69	-62.43	-106.74	-483.67
TORQ_COS		30363.84	402.64	-2.36	24.53	16.10	-174.51	-0.97	25.88	13.48	-7.06	-24.69	-0.64	-2.60	-3.91	-3.55	13.25
TORQ_SIN		0.00	737.08	-19.75	35.45	-48.38	-96.41	-4.26	37.30	-28.51	-5.91	52.03	2.78	-14.58	6.03	-14.32	-30.53
THRUST_COS		5866.82	-66.19	3.36	23.86	12.70	-98.49	7.07	39.71	-4.24	-11.56	-31.62	21.11	12.19	-7.76	14.03	-8.16
THRUST_SIN		0.00	-56.65	13.29	4.60	20.52	-103.42	4.98	20.70	1.11	0.19	14.30	-2.53	10.34	7.68	-2.47	38.35

RUN	POINT	Harmonics															
49	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.26	32.11	-19.63	-5.54	51.92	356.78	9.81	0.38	-10.66	0.24	-7.17	3.97	-3.42	6.36	-1.94	-1.22
SIDERH_SIN		0.00	161.06	16.28	4.15	-38.73	-475.40	20.40	3.85	-0.69	2.78	5.00	8.66	-1.31	2.55	3.08	14.32
DRAGRH_COS		-157.31	220.47	15.59	-8.35	-9.56	88.63	-18.10	-0.64	2.48	-0.59	18.68	8.47	-0.32	1.57	2.86	21.92
DRAGRH_SIN		0.00	-60.46	13.56	1.39	17.73	633.33	-11.57	-8.95	-7.30	6.81	-24.50	-6.52	-1.73	0.12	0.94	-3.59

RUN	POINT	Harmonics															
49	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	1.32	0.00	0.00	0.01	0.04	0.00	0.00	0.01	0.02	0.00	0.02	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.01	0.03	0.02	-0.01	0.00	-0.10	0.02	0.02	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.76	1.46	-0.23	-1.11	-2.96	-4.87	0.39	0.61	0.19	0.21	0.17	0.39	1.32	0.01	0.52	0.32
ACT1FORCE_SIN		0.00	13.62	1.11	1.89	15.21	0.19	-1.30	0.01	0.44	0.02	-0.30	-0.06	-2.25	0.39	0.43	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.14	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.09	-15.15	-2.21	5.00	297.53	28.00	-2.62	-0.06	0.34	0.01	0.05	-0.05	0.76	-0.02	-0.14	0.01
FA1IBVOLTAGE_SIN		0.00	-79.08	-2.86	-12.54	-12.54	-7.25	13.69	-0.26	-0.58	-0.21	0.00	-0.03	-0.26	0.02	0.18	0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.14	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		441.97	15.38	2.29	-4.73	-298.32	-28.53	2.42	0.02	-0.20	0.03	0.11	0.06	-0.71	0.00	0.12	-0.04
FA1OBVOLTAGE_SIN		0.00	79.25	2.97	12.77	13.80	7.38	-13.78	0.11	-0.53	-0.01	0.07	0.05	0.31	0.03	-0.18	-0.05
MRBLD1CB42P75_COS		-4213.66	-1048.70	36.77	150.80	-237.63	132.39	-80.96	-12.76	123.61	14.11	-3.59	4.44	-15.06	-24.17	-31.22	2.19
MRBLD1CB42P75_SIN		0.00	83.23	26.47	-157.60	340.67	-50.56	-21.78	-84.92	-32.16	52.64	-100.38	61.42	23.94	0.09	-3.45	-8.56

RUN	POINT	Harmonics															
49	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2691.18	-653.06	308.02	113.27	-402.76	74.84	-158.16	-6.16	118.82	12.51	-35.42	7.77	-4.33	-10.85	-22.41	5.21
MRBLD1CB70_SIN		0.00	44.56	14.69	-129.55	489.56	-49.89	220.10	-43.96	-50.01	55.60	-44.47	40.00	14.54	6.30	-2.73	-7.32
MRBLD1CB120_COS		-571.56	-277.49	419.24	107.08	-332.65	1.79	-221.59	3.43	-45.68	-12.98	37.29	5.63	9.20	14.84	-1.99	0.68
MRBLD1CB120_SIN		0.00	100.30	-83.29	-176.68	533.44	-53.97	392.60	-28.62	-26.60	-50.37	45.46	-27.56	-2.70	12.05	-4.44	-6.72
MRBLD1CB164_COS		-1982.09	-99.51	127.23	12.82	-144.39	-50.82	-95.86	12.01	-80.76	-7.81	59.20	1.36	11.45	10.16	14.51	-7.04
MRBLD1CB164_SIN		0.00	75.18	-42.71	-65.26	283.83	-22.84	184.67	11.44	-11.53	-79.38	32.80	-19.71	-3.90	-1.19	4.96	10.24
MRBLD1FB42P75_COS		3178.24	104.81	-399.71	76.00	324.57	53.07	-103.56	-181.42	-73.43	-85.64	53.49	50.59	36.52	7.74	-53.50	-31.70
MRBLD1FB42P75_SIN		0.00	-10.42	-49.16	-186.56	860.84	-28.31	65.70	-191.82	-31.50	-90.37	-215.56	13.94	26.16	19.46	49.17	-17.05
MRBLD1FB70_COS		429.18	-4.37	-193.25	15.16	62.02	17.63	-25.48	-19.59	4.65	2.32	-2.49	1.52	-3.23	-3.71	12.31	8.44
MRBLD1FB70_SIN		0.00	-182.60	-2.60	-81.85	269.37	-28.76	16.28	-29.18	-3.42	4.79	2.39	3.96	1.61	-2.63	-11.18	2.74
MRBLD1FB87_COS		-63.32	18.35	-166.36	-11.98	7.36	-26.27	-11.61	18.46	10.27	16.30	-5.18	-9.81	-3.81	0.74	7.81	2.95
MRBLD1FB87_SIN		0.00	-176.47	20.75	-8.59	129.52	-3.93	-3.79	13.63	2.41	11.46	46.08	-5.35	-5.78	-0.27	-8.03	3.15
MRBLD1FB120_COS		-467.63	11.23	-234.02	-37.08	3.97	-61.69	24.27	30.43	-4.99	-2.82	-3.97	-0.73	3.10	-0.41	-14.64	-5.31
MRBLD1FB120_SIN		0.00	-232.82	53.91	72.77	18.14	30.53	-32.13	44.12	0.42	-2.28	-13.93	-1.99	-0.13	-1.31	10.81	-5.35
MRBLD1FB164_COS		-148.66	43.37	-296.70	-43.63	-134.46	34.45	-2.60	-50.61	-4.58	5.71	5.68	5.30	0.48	1.73	9.25	3.21
MRBLD1FB164_SIN		0.00	-308.99	69.89	158.71	-421.18	-4.48	25.41	-64.73	-17.21	4.36	28.84	-2.22	-0.77	2.42	-5.60	4.35

RUN	POINT	Harmonics															
49	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.18	-9.98	-169.06	-44.59	-117.81	44.19	-35.75	-50.90	5.67	20.73	-7.78	-1.95	15.31	15.52	-19.29	-8.24
MRBLD1FB180_SIN		0.00	-215.51	53.63	104.89	-279.51	-30.12	40.78	-36.93	-30.60	-12.52	83.44	-5.81	-16.64	-5.93	17.72	-4.11
MRBLD1TOR51_COS		-1397.65	69.04	-4.58	-19.16	-160.27	136.23	29.81	-17.05	12.75	4.37	-14.98	-1.05	7.88	7.13	-5.55	1.76
MRBLD1TOR51_SIN		0.00	-72.36	15.96	15.25	-198.11	45.36	-48.40	-22.64	0.02	-2.50	3.25	-2.83	-11.23	3.33	2.16	-3.73
MRBLD1TOR71_COS		-251.67	82.00	-17.24	-21.56	-138.92	123.90	43.14	-14.08	9.89	3.08	-16.57	-3.89	6.08	7.55	-2.36	0.44
MRBLD1TOR71_SIN		0.00	-70.76	7.03	16.54	-221.46	44.76	-43.09	-8.29	6.78	0.74	9.27	-3.61	-12.63	4.04	1.39	-1.76
MRBLD1TOR130_COS		-24.43	73.34	2.06	-25.18	-135.80	102.85	39.92	-14.47	7.18	1.85	6.44	-3.92	-2.66	-1.84	0.57	-1.92
MRBLD1TOR130_SIN		0.00	-57.48	4.40	31.33	-229.81	32.57	-24.20	-11.19	6.00	-1.37	-0.45	8.72	-0.02	2.70	-2.20	2.15
MRBLD1TOR164_COS		-219.04	41.18	49.57	-14.17	-98.23	56.20	16.93	-7.51	4.83	3.63	-1.34	-0.98	-1.33	0.18	-2.08	-2.77
MRBLD1TOR164_SIN		0.00	-20.43	1.54	7.56	-83.42	7.41	-3.92	3.33	3.29	0.79	5.04	4.20	6.81	1.50	-5.86	-2.22
MRFBM1CB26P5_COS		-4769.14	-405.51	-29.99	52.71	44.38	32.22	11.97	-4.33	-2.42	-0.69	13.59	0.72	-0.55	-1.05	-4.11	-1.40
MRFBM1CB26P5_SIN		0.00	1.99	16.91	-38.54	-50.20	-4.55	-61.50	-13.93	4.20	-6.31	-14.97	2.52	1.54	0.07	-1.59	-2.16
MRFBM1FB9_COS		325.26	-209.28	144.20	-24.43	20.27	-1.65	25.41	-1.94	-2.38	-0.31	-5.80	0.36	0.69	0.88	1.53	-0.97
MRFBM1FB9_SIN		0.00	-59.06	34.72	28.64	-111.62	3.40	13.71	13.61	3.47	1.44	2.77	-2.56	-1.63	0.01	1.19	0.74
MRFBM1TOR26P5_COS		-352.83	77.22	-0.57	-0.18	-3.84	2.12	-0.63	0.21	0.17	0.14	-0.21	0.19	0.11	0.10	0.08	0.07
MRFBM1TOR26P5_SIN		0.00	-94.88	0.53	0.12	-4.73	0.20	-1.21	-0.06	0.01	0.13	0.29	-0.07	-0.01	-0.12	0.12	-0.01

RUN	POINT	Harmonics															
49	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1197.91	-970.10	-42.72	148.47	-70.04	116.28	-58.14	-21.93	60.17	5.68	30.60	8.33	-7.91	-17.15	-30.94	-0.83
MRPC1CB33P25_SIN		0.00	87.64	35.61	-150.61	222.89	-41.75	-67.35	-91.41	-22.53	6.70	-86.94	41.20	20.58	3.65	-5.43	-11.60
MRPC1FB33P25_COS		2335.70	47.46	-331.36	99.45	59.73	40.34	-101.58	-65.60	-33.25	-13.50	160.03	26.27	5.35	-10.67	-77.84	-3.34
MRPC1FB33P25_SIN		0.00	145.17	-111.34	-135.41	803.40	-15.40	28.70	-221.90	-60.61	-107.34	-126.33	41.28	43.96	20.69	-18.33	-37.85
MRPC1TOR25P5_COS		-755.54	-62.31	-31.87	31.20	149.96	-154.40	-37.66	8.56	-9.27	-2.85	22.88	-3.40	-14.91	-12.92	-4.44	-5.76
MRPC1TOR25P5_SIN		0.00	136.93	-67.86	-7.70	273.13	-59.69	60.71	12.51	-6.77	4.34	-13.65	10.22	13.74	2.18	-9.25	-0.18
MRPLK1LOAD_COS		-84.04	1.21	-2.37	5.21	20.33	-21.45	-3.78	2.10	-1.59	-0.48	3.16	-1.45	-2.10	-2.08	-0.21	-1.21
MRPLK1LOAD_SIN		0.00	-9.52	-5.11	-2.41	32.89	-6.08	7.20	2.96	-0.15	0.06	-1.80	1.46	1.27	0.93	-1.98	0.18
PITCHRH_COS		13222.84	-8478.71	-477.03	61.41	-181.78	2558.57	-353.58	59.74	179.68	80.95	421.34	-37.49	-22.15	-12.45	-2.22	-292.36
PITCHRH_SIN		0.00	2457.06	-662.54	70.32	-215.47	1584.49	55.74	163.78	-3.83	-98.40	-568.08	124.35	17.88	151.72	22.77	-127.24
ROLLRH_COS		2578.14	-2128.36	735.01	-12.16	-480.72	-4926.75	-122.82	-145.61	183.16	76.72	239.69	-207.23	104.27	-146.12	-78.10	161.31
ROLLRH_SIN		0.00	-8096.20	-526.77	49.50	-78.52	3182.80	-239.09	-100.33	-76.30	29.66	-207.55	-8.35	-81.18	89.53	-51.92	-571.48
TORQ_COS		30734.55	389.81	-8.33	31.65	8.86	-220.72	-7.46	9.36	-27.68	-4.94	-11.84	-1.30	-4.58	-2.67	-2.39	13.80
TORQ_SIN		0.00	764.76	-25.63	26.22	-119.56	22.27	-8.87	25.50	-35.48	-0.40	52.26	0.72	-9.39	4.75	-11.32	-23.69
THRUST_COS		5808.68	-65.32	6.43	26.80	6.21	-121.29	5.68	32.71	-6.75	-14.22	-57.55	15.21	14.54	6.41	6.59	13.95
THRUST_SIN		0.00	-55.99	12.22	2.64	29.66	-14.51	5.42	13.76	-1.35	1.77	56.51	-22.92	-6.84	12.74	-17.86	18.11

RUN	POINT	Harmonics															
49	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.39	40.04	-20.40	-4.26	49.54	137.16	14.02	3.85	-8.10	-2.51	-8.09	8.21	-3.30	4.53	1.82	-4.07
SIDERH_SIN		0.00	155.23	15.24	1.67	-50.02	-583.37	23.86	4.89	4.53	-2.39	0.70	2.81	1.68	-2.62	1.22	16.87
DRAGRH_COS		-150.02	219.24	16.17	-6.70	0.21	377.53	-7.69	-2.61	-8.43	0.91	-10.70	4.51	-3.21	1.87	0.94	15.77
DRAGRH_SIN		0.00	-61.57	14.36	2.06	16.57	557.06	-5.99	-16.14	-2.71	3.99	-22.89	-10.95	-0.70	-4.25	-4.33	3.95

RUN	POINT	Harmonics															
49	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	1.48	0.00	0.00	0.02	0.02	0.01	0.00	0.01	-0.09	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.01	0.01	0.01	-0.02	-0.01	-0.02	0.02	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.18	1.15	-0.47	-1.99	3.70	-4.17	-0.40	0.69	0.08	-0.09	0.26	0.26	-1.98	0.30	0.05	-0.02
ACT1FORCE_SIN		0.00	13.29	1.47	0.27	13.32	1.78	-1.25	-0.26	0.49	-0.12	-0.59	-0.31	-1.03	0.37	0.02	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.14	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.31	-14.81	1.23	12.73	261.09	23.21	4.35	-0.07	-0.39	-0.13	0.02	0.05	-0.18	-0.10	-0.03	-0.13
FA1IBVOLTAGE_SIN		0.00	-75.88	-5.31	-1.06	-151.33	-14.71	13.11	-0.17	-0.45	-0.09	-0.14	-0.12	-0.69	0.02	0.09	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.13	0.01	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.76	14.97	-1.13	-12.47	-261.48	-23.68	-4.53	-0.02	-0.46	-0.03	0.11	-0.01	0.23	0.14	0.02	0.09
FA1OBVOLTAGE_SIN		0.00	76.03	5.41	1.14	152.37	15.01	-13.13	0.00	-0.33	-0.10	0.04	0.13	0.65	0.00	-0.07	0.06
MRBLD1CB42P75_COS		-4220.53	-1226.36	79.28	63.08	-155.52	86.15	-67.87	-130.48	37.35	64.99	1.32	19.66	-0.31	-7.51	-37.10	13.11
MRBLD1CB42P75_SIN		0.00	11.22	-7.90	-36.07	366.32	-127.96	0.83	-49.61	-99.21	21.85	-78.99	81.51	-2.76	9.64	15.97	-20.04

RUN	POINT	Harmonics															
49	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2694.54	-772.78	362.19	4.93	-269.61	39.63	-48.10	-102.36	21.29	63.14	-24.45	21.37	0.42	4.64	-28.12	11.40
MRBLD1CB70_SIN		0.00	13.13	-13.49	-38.67	593.28	-96.81	219.75	-8.51	-100.10	27.98	-20.53	54.08	-5.91	8.00	10.36	-23.32
MRBLD1CB120_COS		-570.02	-324.16	479.27	24.90	-174.15	-0.77	-19.86	-52.78	-44.73	-44.44	22.36	-12.21	0.71	12.22	-4.99	3.92
MRBLD1CB120_SIN		0.00	85.84	-94.91	-93.65	605.66	-53.72	389.06	-6.80	4.35	-29.15	29.74	-34.09	13.00	2.75	-1.84	-5.90
MRBLD1CB164_COS		-1981.15	-108.82	142.25	-24.85	-54.49	-48.82	-3.85	26.61	-46.93	-59.40	41.34	-10.20	0.23	-1.08	17.92	-13.54
MRBLD1CB164_SIN		0.00	69.16	-39.37	-31.10	288.19	5.90	189.15	9.33	33.63	-52.97	7.71	-24.91	13.93	-4.43	-4.59	19.12
MRBLD1FB42P75_COS		3174.94	160.98	-426.91	51.88	533.96	29.84	-34.43	-372.97	-93.79	-94.66	-2.35	34.54	37.88	26.71	-18.64	-33.19
MRBLD1FB42P75_SIN		0.00	-17.77	-61.76	117.53	514.91	-85.98	45.28	-39.17	-19.34	-65.17	-211.53	42.45	2.67	9.13	89.29	-53.74
MRBLD1FB70_COS		425.31	2.78	-205.22	-3.72	135.48	8.81	-7.16	-53.74	-3.53	3.54	-0.40	1.99	-4.43	-6.39	4.53	7.56
MRBLD1FB70_SIN		0.00	-192.81	-6.43	14.89	170.06	-42.62	17.06	-1.18	-1.96	2.72	4.58	2.53	3.54	-0.08	-19.81	9.87
MRBLD1FB87_COS		-66.87	24.85	-180.23	-27.16	40.73	-27.61	-13.86	33.59	14.06	16.86	5.37	-8.05	-5.34	-3.54	1.39	3.30
MRBLD1FB87_SIN		0.00	-184.54	19.68	37.22	83.75	-0.20	0.06	-0.23	0.42	7.67	44.05	-12.22	-0.58	0.17	-15.83	10.38
MRBLD1FB120_COS		-467.43	12.03	-268.75	-57.57	0.40	-45.00	0.48	80.68	1.61	-1.71	-7.62	-2.14	6.26	4.52	-4.68	-5.21
MRBLD1FB120_SIN		0.00	-226.03	47.46	100.79	11.20	58.59	-26.35	4.78	0.56	-1.73	-12.95	2.63	-4.30	-1.74	22.80	-16.06
MRBLD1FB164_COS		-139.22	38.88	-337.99	-18.03	-272.08	36.78	24.16	-116.83	-13.92	5.14	9.59	4.76	-0.90	-0.37	5.51	5.14
MRBLD1FB164_SIN		0.00	-287.92	42.04	208.67	-203.43	-21.20	17.34	-20.83	-15.95	3.58	29.77	-9.24	2.50	2.21	-9.17	11.51

RUN	POINT	Harmonics															
49	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-189.55	-8.57	-186.83	-16.82	-203.51	34.70	-7.49	-109.93	-8.83	14.65	5.69	-2.48	12.34	12.31	-8.53	-10.75
MRBLD1FB180_SIN		0.00	-199.69	32.48	127.57	-116.37	-42.38	30.42	1.35	-18.11	-12.77	82.42	-15.91	-2.30	-9.28	27.36	-20.99
MRBLD1TOR51_COS		-1396.12	69.16	-3.76	-6.99	-252.29	131.30	14.74	-59.64	1.60	3.21	-11.07	2.86	-6.29	3.73	-6.59	2.95
MRBLD1TOR51_SIN		0.00	-71.65	4.88	73.34	-94.96	-39.90	-52.11	12.82	2.11	-5.50	7.37	-2.88	-0.81	0.84	4.65	-10.22
MRBLD1TOR71_COS		-251.35	84.29	-17.34	-4.92	-234.30	120.90	24.36	-42.08	3.38	1.38	-12.94	0.03	-6.35	5.34	-3.94	1.77
MRBLD1TOR71_SIN		0.00	-71.14	-0.80	58.78	-120.00	-29.78	-49.02	22.71	9.38	-0.81	14.27	-2.90	-1.20	0.16	2.51	-4.98
MRBLD1TOR130_COS		-23.08	72.31	2.34	-2.50	-230.35	95.08	26.52	-38.96	2.54	0.80	3.76	-4.14	-0.97	1.73	-1.87	-2.08
MRBLD1TOR130_SIN		0.00	-56.86	-2.18	57.69	-120.15	-27.76	-32.01	15.39	6.01	-1.18	2.63	11.02	3.07	1.15	-2.18	4.90
MRBLD1TOR164_COS		-219.34	39.87	55.11	2.22	-129.69	46.86	9.96	-15.53	3.63	5.58	-2.37	-2.08	6.39	3.08	-4.74	-1.65
MRBLD1TOR164_SIN		0.00	-21.26	1.17	13.57	-28.87	-25.07	-8.39	16.74	3.46	0.42	9.81	5.61	6.16	1.11	-2.01	0.86
MRFBM1CB26P5_COS		-4778.81	-481.02	-18.97	50.67	18.39	24.64	-9.75	-11.69	3.29	-3.25	10.17	-0.52	0.68	-1.02	-5.02	0.75
MRFBM1CB26P5_SIN		0.00	-38.64	10.13	-15.69	-66.49	-19.68	-54.39	-10.98	-0.89	-4.88	-18.47	2.99	1.85	1.25	1.88	-1.03
MRFBM1FB9_COS		341.14	-161.32	148.59	11.94	-17.70	-2.17	21.90	12.25	0.34	-1.48	-5.02	0.57	-0.56	0.38	2.34	-2.18
MRFBM1FB9_SIN		0.00	-62.59	53.56	-42.01	-89.08	8.34	3.51	15.50	5.68	1.47	3.21	-2.90	-1.12	-0.69	0.26	1.06
MRFBM1TOR26P5_COS		-352.58	77.45	-0.45	-0.19	-5.69	1.97	-1.03	-0.01	-0.03	0.11	-0.08	0.30	-0.06	-0.13	0.17	-0.01
MRFBM1TOR26P5_SIN		0.00	-93.97	0.21	0.47	-2.17	-0.92	-0.93	-0.02	0.18	0.08	0.12	-0.23	0.03	-0.03	0.07	-0.13

RUN	POINT	Harmonics															
49	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1204.01	-1128.96	-12.21	99.76	-29.28	78.42	-61.70	-118.94	16.26	27.08	24.74	10.63	3.06	-3.73	-36.60	12.00
MRPC1CB33P25_SIN		0.00	22.74	2.50	-34.00	190.99	-106.64	-40.31	-60.42	-61.35	-8.55	-83.58	54.61	3.61	11.84	16.11	-20.25
MRPC1FB33P25_COS		2334.40	98.74	-351.33	23.82	318.66	34.70	-34.87	-272.78	-58.57	-32.02	116.96	-3.56	23.86	10.81	-91.44	27.71
MRPC1FB33P25_SIN		0.00	142.05	-121.94	106.00	565.82	-62.95	31.34	-177.39	-62.99	-96.05	-153.93	54.47	27.90	26.85	37.56	-58.57
MRPC1TOR25P5_COS		-760.01	-56.62	-33.38	9.76	272.17	-153.97	-17.77	44.93	-3.94	2.04	16.33	-9.47	5.43	0.14	-9.22	-2.43
MRPC1TOR25P5_SIN		0.00	136.11	-51.32	-64.83	158.24	34.98	65.10	-20.05	-13.10	4.37	-14.27	16.22	2.20	3.13	-4.38	9.19
MRPLK1LOAD_COS		-84.78	1.17	-2.13	2.36	35.57	-20.25	-1.89	7.67	0.22	-0.13	2.10	-2.29	0.85	0.59	-1.46	-0.37
MRPLK1LOAD_SIN		0.00	-10.35	-3.32	-10.05	17.77	6.79	7.91	-2.08	-1.02	0.26	-1.24	2.69	-0.03	0.41	-1.44	1.95
PITCHRH_COS		12380.58	-8473.61	-448.95	70.99	-198.63	2226.24	-161.03	81.96	153.81	-72.29	-132.86	75.48	-0.43	40.41	16.95	-357.79
PITCHRH_SIN		0.00	2464.62	-658.51	68.35	-201.66	-87.05	16.20	196.98	-81.33	-175.35	-747.88	107.29	-22.96	78.33	48.76	-5.23
ROLLRH_COS		2577.28	-2075.69	737.86	-18.72	-295.96	-2549.94	-59.01	-127.51	100.59	147.22	243.43	-120.07	-63.68	98.12	-65.41	-426.30
ROLLRH_SIN		0.00	-8093.02	-559.48	18.34	69.81	4009.48	-179.06	-72.95	-5.47	2.86	-117.54	133.99	-60.96	146.44	-54.50	-390.51
TORQ_COS		30530.86	416.51	-3.44	40.27	42.73	-164.26	-5.52	7.41	-45.31	-6.19	-2.43	-4.03	0.46	-0.29	-3.39	-4.83
TORQ_SIN		0.00	721.22	-28.67	18.95	-123.69	128.15	3.84	15.49	-8.35	-5.17	57.54	0.89	-5.73	6.28	-11.60	-27.09
THRUST_COS		5857.55	-68.99	8.38	25.04	-1.95	-100.50	3.19	26.42	-5.57	-10.03	-49.34	-13.97	10.50	11.03	-11.39	-2.72
THRUST_SIN		0.00	-54.37	12.80	4.28	28.73	51.54	2.61	5.82	-1.07	4.22	101.31	-26.88	-15.57	-1.72	-6.34	18.26

RUN	POINT	Harmonics															
49	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.28	31.69	-19.28	-2.49	23.91	-105.84	16.08	3.05	-3.75	-8.07	-14.03	7.10	1.75	-2.47	1.44	13.37
SIDERH_SIN		0.00	160.58	15.70	1.89	-47.43	-505.36	10.71	5.16	3.14	-1.17	-2.20	-2.59	1.47	-4.48	1.54	11.02
DRAGRH_COS		-156.94	219.41	13.88	-5.40	13.62	524.69	-11.48	-3.37	-10.40	3.47	-19.43	-2.07	-3.46	-0.43	-3.23	16.10
DRAGRH_SIN		0.00	-60.44	15.37	2.08	16.70	309.22	1.77	-8.88	3.96	8.24	1.51	-9.19	3.70	-4.20	-3.93	-1.64

RUN	POINT	Harmonics															
49	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	1.24	0.00	0.00	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.80	0.00	0.00	0.02	0.02	0.01	-0.01	-0.01	0.08	-0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-21.51	0.94	-0.40	-3.48	8.70	-2.94	-0.72	1.03	-0.23	-0.38	0.14	0.04	-0.62	0.24	-0.31	-0.43
ACT1FORCE_SIN		0.00	13.15	2.11	-0.42	8.12	2.93	-1.14	0.13	0.90	-0.11	-0.34	-0.10	1.94	-0.38	-0.28	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.10	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.10	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.53	-13.74	1.55	22.27	160.65	14.92	8.23	0.17	-0.57	-0.20	-0.04	0.12	-0.68	-0.01	-0.03	-0.08
FA1IBVOLTAGE_SIN		0.00	-74.68	-12.25	1.67	-249.34	-17.58	13.02	-0.10	0.24	0.10	-0.06	-0.15	0.13	-0.01	-0.12	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.11	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.52	13.89	-1.44	-22.07	-160.54	-15.19	-8.39	-0.37	-0.52	0.01	0.07	-0.10	0.65	0.03	0.07	0.11
FA1OBVOLTAGE_SIN		0.00	74.79	12.36	-1.70	250.43	18.04	-12.95	-0.03	-0.03	-0.10	-0.09	0.12	-0.16	-0.02	0.12	0.06
MRBLD1CB42P75_COS		-4245.07	-1231.99	103.36	35.41	-41.16	15.93	-70.07	-184.63	-23.31	55.07	28.56	15.13	-39.51	0.37	-12.36	0.76
MRBLD1CB42P75_SIN		0.00	72.86	-55.55	75.12	354.06	-187.85	22.26	-23.84	-79.43	-31.36	-25.81	63.28	-7.45	13.28	40.19	-28.63

RUN	POINT	Harmonics															
49	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2692.30	-782.46	396.61	-50.74	-83.82	4.86	28.01	-134.00	-44.49	57.86	7.63	20.36	-22.36	6.44	-10.91	-1.62
MRBLD1CB70_SIN		0.00	65.48	-52.96	56.48	623.06	-137.77	191.28	26.53	-63.00	-23.02	9.28	36.36	-2.77	5.79	26.44	-30.20
MRBLD1CB120_COS		-569.05	-334.26	518.00	-15.60	19.22	6.64	139.43	-74.70	-30.28	-37.19	1.45	-8.24	25.54	6.93	-6.48	3.40
MRBLD1CB120_SIN		0.00	107.14	-115.93	-11.34	601.76	-54.67	329.98	32.75	15.80	4.14	9.96	-15.17	17.72	-4.53	-0.69	-9.22
MRBLD1CB164_COS		-1981.70	-109.80	155.52	-43.81	34.63	-27.49	78.65	35.56	-8.94	-56.24	10.41	-7.57	16.91	-1.92	11.04	-4.82
MRBLD1CB164_SIN		0.00	73.61	-38.52	1.65	253.10	29.17	164.68	14.34	30.06	-4.30	-11.97	-6.91	20.57	-1.13	-17.76	24.03
MRBLD1FB42P75_COS		3175.58	168.37	-448.41	138.58	631.91	-43.79	-17.69	-485.98	-65.78	-76.05	5.46	41.77	12.77	36.57	56.68	-67.74
MRBLD1FB42P75_SIN		0.00	-45.97	-68.59	357.60	126.11	-100.05	23.71	70.54	-38.02	-57.97	-145.84	74.76	9.60	2.55	75.02	-43.00
MRBLD1FB70_COS		419.02	7.70	-215.81	13.33	176.68	-13.61	0.85	-73.94	-3.24	1.35	1.85	0.79	-2.27	-7.26	-11.86	13.78
MRBLD1FB70_SIN		0.00	-202.38	-6.95	94.57	52.58	-44.92	17.78	20.11	0.44	1.89	5.80	1.50	4.74	1.95	-18.02	7.55
MRBLD1FB87_COS		-70.92	31.71	-190.90	-25.47	57.63	-28.08	-10.89	42.00	12.14	15.87	2.35	-7.76	0.86	-7.17	-13.66	10.24
MRBLD1FB87_SIN		0.00	-192.92	23.81	76.67	26.27	1.89	4.22	-9.14	0.15	6.19	29.14	-18.33	-3.14	-0.35	-13.70	8.45
MRBLD1FB120_COS		-468.24	18.81	-290.05	-63.07	-13.45	-14.95	-11.25	108.40	0.96	-2.93	-6.07	-3.55	0.82	10.21	17.80	-14.13
MRBLD1FB120_SIN		0.00	-221.16	52.65	133.72	4.12	71.03	-20.27	-28.45	3.33	-2.62	-8.68	6.94	-4.20	-1.10	20.83	-13.16
MRBLD1FB164_COS		-135.31	40.81	-375.25	20.91	-315.25	41.86	35.31	-156.87	-10.52	6.39	5.17	2.40	7.40	-3.17	-5.80	11.00
MRBLD1FB164_SIN		0.00	-275.95	23.59	244.77	43.39	-17.57	2.94	22.26	-18.37	2.13	21.41	-17.92	-1.28	1.21	-8.45	9.19

RUN	POINT	Harmonics															
49	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-183.70	-4.49	-207.67	17.45	-216.61	23.29	8.58	-147.66	-5.64	10.48	-3.77	-6.18	21.39	14.13	18.56	-24.01
MRBLD1FB180_SIN		0.00	-189.47	16.50	137.33	62.79	-39.50	16.88	33.44	-15.00	-14.20	52.07	-27.36	-4.92	-6.58	21.13	-18.02
MRBLD1TOR51_COS		-1396.62	70.98	-8.05	27.73	-273.91	93.22	-5.91	-66.71	-1.07	-0.38	-4.78	6.54	4.63	1.76	-0.44	-1.53
MRBLD1TOR51_SIN		0.00	-71.71	-5.76	109.44	37.80	-107.48	-51.21	41.10	10.36	-9.51	5.06	-8.28	9.98	2.92	6.48	-13.57
MRBLD1TOR71_COS		-252.50	85.76	-21.26	27.58	-263.22	89.36	2.00	-42.09	0.46	-2.12	-6.57	5.33	4.54	1.71	-1.95	-0.88
MRBLD1TOR71_SIN		0.00	-73.24	-8.12	81.87	12.39	-89.54	-48.73	46.91	15.24	-3.78	10.52	-7.53	8.25	-0.10	4.65	-6.84
MRBLD1TOR130_COS		-22.54	71.82	-0.44	29.67	-258.07	66.32	9.05	-40.62	0.80	-1.52	5.96	-1.96	-0.55	-0.05	-5.02	-1.08
MRBLD1TOR130_SIN		0.00	-57.19	-9.05	66.87	18.00	-73.92	-34.68	35.01	9.20	-3.21	8.02	11.29	2.23	-2.86	0.64	6.98
MRBLD1TOR164_COS		-219.21	38.38	58.08	20.43	-126.58	24.90	1.01	-13.69	3.27	5.73	1.44	-1.37	4.04	3.69	-3.90	-1.02
MRBLD1TOR164_SIN		0.00	-21.04	-1.39	9.43	34.23	-50.83	-10.42	23.99	3.97	-2.31	10.82	6.70	-1.69	-0.58	4.24	2.54
MRFBM1CB26P5_COS		-4789.76	-485.94	-12.96	58.97	-9.22	10.30	-28.23	-16.80	5.73	-3.51	5.98	-1.41	-0.17	0.17	-2.15	0.57
MRFBM1CB26P5_SIN		0.00	-15.79	-3.59	2.17	-68.17	-31.08	-40.85	-12.97	-7.29	-2.81	-13.37	4.31	0.17	2.24	5.34	-2.11
MRFBM1FB9_COS		348.36	-172.37	158.14	14.56	-48.86	3.18	18.28	21.25	0.96	-2.37	-3.80	0.98	0.46	0.27	1.74	-1.83
MRFBM1FB9_SIN		0.00	-75.10	68.86	-107.48	-54.83	12.64	-4.24	15.22	4.82	2.39	0.96	-2.55	-0.04	-1.27	-1.73	2.18
MRFBM1TOR26P5_COS		-352.59	77.67	-0.50	-0.08	-6.02	1.40	-1.22	-0.13	0.00	0.14	-0.22	0.19	0.04	-0.05	0.27	-0.04
MRFBM1TOR26P5_SIN		0.00	-93.81	0.09	0.53	0.73	-1.70	-0.53	0.10	0.36	0.17	-0.10	-0.33	0.19	0.19	-0.18	-0.15

RUN	POINT	Harmonics															
49	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1228.64	-1125.60	4.85	101.13	21.17	12.58	-71.69	-170.68	-8.08	21.54	31.56	6.11	-22.10	4.40	-12.71	0.51
MRPC1CB33P25_SIN		0.00	75.90	-41.27	65.16	147.66	-152.06	-12.76	-41.61	-58.05	-32.85	-43.71	50.70	-0.71	13.45	39.53	-29.25
MRPC1FB33P25_COS		2335.32	105.70	-365.88	48.92	493.53	-18.47	-11.59	-401.57	-33.88	-23.59	87.80	-18.71	1.00	21.23	-34.14	-0.07
MRPC1FB33P25_SIN		0.00	117.98	-127.80	317.37	263.30	-89.03	13.49	-137.44	-62.96	-83.41	-100.17	81.74	13.64	27.73	94.98	-82.38
MRPC1TOR25P5_COS		-759.57	-58.79	-25.01	-33.34	315.31	-116.50	6.24	51.01	-5.10	4.21	13.95	-11.04	-9.98	1.50	-13.92	-0.56
MRPC1TOR25P5_SIN		0.00	133.23	-39.31	-97.39	2.73	109.74	61.58	-46.99	-19.22	2.53	-3.60	24.59	-12.65	-7.00	7.82	12.02
MRPLK1LOAD_COS		-85.13	1.30	-1.24	-3.23	40.49	-14.48	0.86	8.77	0.21	0.11	2.24	-1.73	-1.27	0.21	-3.01	0.05
MRPLK1LOAD_SIN		0.00	-10.57	-1.75	-14.37	-2.10	16.71	7.71	-6.06	-2.56	0.03	0.55	3.85	-2.40	-2.00	1.00	2.61
PITCHRH_COS		12557.60	-8471.48	-450.52	80.96	-243.05	1506.11	-240.36	153.58	97.63	-155.53	-596.28	119.69	-26.87	68.04	14.97	-210.42
PITCHRH_SIN		0.00	2444.46	-657.68	24.58	-107.27	-1449.49	57.15	155.74	-103.41	-67.10	-290.94	-75.93	-50.12	34.33	37.85	271.10
ROLLRH_COS		2799.08	-2072.31	743.21	-19.61	-204.26	-223.06	-148.63	-181.19	125.78	114.97	293.32	49.76	-77.23	179.10	-58.67	-625.89
ROLLRH_SIN		0.00	-8093.20	-585.06	-19.90	233.73	4148.13	-199.62	-34.50	42.59	-47.37	16.04	143.20	-22.62	-72.08	-99.54	-75.78
TORQ_COS		30306.00	411.13	-6.47	42.27	38.25	-83.43	2.39	6.55	-31.06	-3.54	7.35	-2.77	-0.89	-0.07	-4.25	-14.39
TORQ_SIN		0.00	728.22	-21.13	7.87	-133.82	232.59	9.82	26.19	21.25	-6.98	42.50	7.43	-2.76	6.51	-13.87	-20.39
THRUST_COS		5885.95	-68.92	10.16	21.74	-4.23	-49.67	2.66	24.22	-5.08	-3.16	-6.21	-28.79	-7.04	-2.98	-5.35	7.10
THRUST_SIN		0.00	-53.46	10.63	4.47	32.91	95.62	3.97	2.28	-0.92	5.57	96.96	2.56	-13.57	-4.89	14.09	45.17

RUN	POINT	Harmonics															
49	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.08	32.85	-19.52	-0.98	-0.79	-303.20	14.48	4.90	-2.31	-7.07	-18.37	1.96	2.12	-5.61	1.10	18.36
SIDERH_SIN		0.00	162.71	16.33	-1.91	-64.60	-358.74	10.16	3.68	1.26	2.83	-1.54	-5.50	0.58	1.83	2.78	0.96
DRAGRH_COS		-155.52	219.34	13.36	-2.45	18.78	563.01	4.15	-7.95	-6.60	4.23	-6.51	-5.57	2.79	-3.11	-2.95	10.03
DRAGRH_SIN		0.00	-60.51	16.28	3.03	8.36	33.42	4.76	-5.51	9.08	3.96	18.95	-4.36	5.17	-1.28	0.30	-11.77

RUN	POINT	Harmonics															
49	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.67	0.00	0.00	0.05	-0.03	-0.01	0.01	0.01	0.11	0.00	-0.02	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.02	0.03	0.02	0.01	0.02	0.01	-0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.07	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.97	0.60	-0.36	-5.00	10.80	-0.35	-0.74	1.08	-0.19	-0.47	0.01	0.23	2.41	0.11	-0.20	-0.18
ACT1FORCE_SIN		0.00	13.59	2.54	-0.32	0.66	3.29	-0.61	0.27	0.80	0.53	0.05	0.45	0.93	-0.27	-0.05	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.38	-11.65	2.73	33.48	20.96	-0.58	8.51	0.40	-0.26	-0.05	-0.15	-0.13	0.08	0.04	-0.07	0.02
FA1IBVOLTAGE_SIN		0.00	-77.34	-15.64	1.64	-283.69	-17.97	6.81	-0.19	0.73	0.20	-0.03	0.01	0.75	-0.07	-0.10	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.67	11.77	-2.65	-33.41	-20.35	0.57	-8.59	-0.65	-0.10	0.02	0.09	0.10	-0.11	-0.08	0.07	-0.02
FA1OBVOLTAGE_SIN		0.00	77.47	15.72	-1.79	284.53	18.43	-6.66	0.15	0.17	-0.06	-0.03	-0.04	-0.72	0.03	0.08	0.03
MRBLD1CB42P75_COS		-4163.87	-1312.65	96.69	54.26	60.20	-100.18	-65.13	-172.70	-34.60	12.85	40.40	-16.88	-58.45	-2.28	-11.24	-1.96
MRBLD1CB42P75_SIN		0.00	-11.34	-102.86	217.48	300.27	-201.23	35.67	2.57	-19.95	-33.38	-19.55	43.57	35.24	14.47	47.66	-30.89

RUN	POINT	Harmonics															
49	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2741.38	-835.58	391.38	-64.49	107.77	-94.96	77.66	-109.58	-46.32	14.61	28.86	-6.25	-33.83	-0.77	-12.72	-4.17
MRBLD1CB70_SIN		0.00	29.89	-97.45	193.09	590.47	-141.79	105.84	45.02	7.09	-34.02	-5.18	22.84	21.27	7.35	32.60	-33.41
MRBLD1CB120_COS		-556.93	-362.99	518.54	-25.33	193.22	-40.96	247.71	-53.40	-13.53	-16.50	-10.99	15.11	38.42	5.76	-6.96	-0.32
MRBLD1CB120_SIN		0.00	102.94	-141.92	103.88	531.15	-42.51	166.46	56.85	2.67	16.90	19.57	-2.69	-8.29	-2.86	-2.38	-13.11
MRBLD1CB164_COS		-1980.41	-115.92	160.38	-48.39	98.21	-18.01	139.71	42.19	6.76	-24.56	-14.31	14.49	33.12	5.59	12.39	-4.01
MRBLD1CB164_SIN		0.00	69.85	-39.41	49.86	186.80	46.09	85.94	12.04	-6.82	16.72	9.44	2.44	4.32	-1.00	-22.47	25.95
MRBLD1FB42P75_COS		3132.71	196.49	-462.87	333.20	475.05	-108.95	-20.38	-462.63	-57.17	-43.72	20.02	53.64	13.56	38.34	65.31	-76.67
MRBLD1FB42P75_SIN		0.00	-39.97	-51.90	586.78	-296.00	-82.26	-4.71	159.88	-84.84	-22.83	-55.24	81.57	43.79	5.08	81.14	-37.66
MRBLD1FB70_COS		411.39	12.51	-217.80	69.24	142.26	-34.44	6.55	-68.25	-0.45	0.92	2.87	-0.95	-1.15	-6.14	-14.25	15.57
MRBLD1FB70_SIN		0.00	-211.98	1.24	178.51	-81.43	-37.44	11.46	34.54	-2.57	3.49	4.16	0.79	0.57	0.49	-18.52	7.28
MRBLD1FB87_COS		-74.82	36.45	-191.82	-1.90	39.30	-25.99	-6.82	39.31	10.49	11.68	-0.72	-7.66	0.17	-8.30	-15.93	11.70
MRBLD1FB87_SIN		0.00	-203.82	33.31	122.51	-35.75	6.41	7.29	-15.52	4.24	-0.42	11.62	-19.33	-11.45	-0.05	-15.00	8.50
MRBLD1FB120_COS		-466.33	27.20	-297.21	-46.50	-28.27	22.72	-14.16	97.36	-1.09	-6.14	-5.67	-2.52	-2.03	11.42	21.43	-17.00
MRBLD1FB120_SIN		0.00	-224.15	63.06	173.61	4.74	63.39	-8.52	-51.08	9.84	-4.30	-6.77	9.81	4.80	-1.56	22.46	-15.55
MRBLD1FB164_COS		-142.45	49.87	-403.01	77.93	-213.77	44.48	37.14	-140.40	-8.15	9.17	2.96	-2.15	8.57	-2.65	-7.34	13.27
MRBLD1FB164_SIN		0.00	-267.26	19.87	256.54	299.92	-18.32	-17.74	56.49	-22.94	2.23	15.64	-18.65	-13.14	2.62	-8.89	8.33

RUN	POINT	Harmonics															
49	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-189.30	1.25	-227.25	58.63	-124.89	9.72	14.21	-135.37	-1.95	4.99	-11.61	-14.90	11.17	17.40	24.79	-27.76
MRBLD1FB180_SIN		0.00	-177.69	9.23	125.40	239.10	-30.45	-7.49	58.00	-18.19	-18.13	20.41	-27.87	-19.35	-10.50	21.14	-17.61
MRBLD1TOR51_COS		-1401.72	70.01	-17.44	72.35	-224.89	18.48	-35.34	-47.47	1.22	-5.07	-0.23	3.01	15.92	7.35	1.44	-1.56
MRBLD1TOR51_SIN		0.00	-76.25	-11.19	129.02	163.84	-151.05	-41.52	57.70	15.61	-8.11	-2.89	-12.63	-2.08	4.11	9.46	-8.42
MRBLD1TOR71_COS		-257.26	85.61	-28.25	64.67	-220.14	25.66	-27.96	-24.21	0.49	-5.70	-0.82	5.24	14.71	4.45	0.57	-1.29
MRBLD1TOR71_SIN		0.00	-77.41	-10.93	88.06	141.99	-129.69	-39.33	58.23	19.21	-4.40	0.12	-12.94	-2.39	2.61	7.06	-5.04
MRBLD1TOR130_COS		-25.37	70.57	-5.28	61.27	-210.49	12.12	-15.63	-27.03	1.80	-5.26	6.97	1.45	-1.24	-3.78	-3.72	-2.33
MRBLD1TOR130_SIN		0.00	-60.79	-12.85	57.48	155.33	-102.98	-30.55	44.06	11.18	-1.39	6.13	7.08	4.10	0.22	0.13	2.40
MRBLD1TOR164_COS		-218.38	35.52	58.36	33.81	-91.46	-11.02	-13.10	-8.32	3.64	3.04	4.85	1.34	-5.39	-0.40	-3.17	-1.43
MRBLD1TOR164_SIN		0.00	-23.02	-4.94	-6.01	86.77	-62.00	-10.12	25.59	3.97	-4.94	5.61	5.63	1.59	-0.04	3.22	-3.29
MRFBM1CB26P5_COS		-4738.52	-524.93	-13.68	72.35	-35.56	-4.07	-37.14	-18.65	1.05	-1.20	1.50	-1.24	-1.15	1.19	-1.28	0.36
MRFBM1CB26P5_SIN		0.00	-58.23	-17.04	18.03	-57.04	-37.61	-15.46	-10.79	-11.57	0.63	-4.93	4.00	1.49	2.24	5.67	-2.92
MRFBM1FB9_COS		306.07	-123.76	167.83	-10.23	-54.63	10.03	11.29	23.59	-0.29	-1.15	-2.46	1.70	2.33	0.30	1.96	-1.57
MRFBM1FB9_SIN		0.00	-62.84	72.44	-181.15	-5.27	13.57	-8.79	11.10	4.01	2.06	-0.70	-2.02	-0.56	-1.20	-2.10	2.21
MRFBM1TOR26P5_COS		-352.97	77.64	-0.60	0.05	-4.75	0.42	-1.27	0.12	0.16	0.19	-0.30	-0.09	0.22	0.17	0.14	0.03
MRFBM1TOR26P5_SIN		0.00	-93.61	0.09	0.58	3.34	-2.15	0.07	0.17	0.44	0.19	-0.04	-0.18	-0.01	0.07	-0.20	0.04

RUN	POINT	Harmonics															
49	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1168.30	-1195.82	-2.70	139.43	44.77	-77.40	-67.94	-168.55	-13.32	1.45	28.05	-10.92	-34.17	2.62	-11.34	-2.07
MRPC1CB33P25_SIN		0.00	-1.71	-82.39	179.40	82.20	-159.59	16.86	-14.90	-36.39	-24.05	-20.54	41.24	27.41	13.10	45.77	-32.84
MRPC1FB33P25_COS		2293.79	131.04	-380.54	164.22	464.87	-73.89	-3.71	-418.16	-7.10	-19.85	47.54	-14.43	-23.65	17.00	-33.91	-9.58
MRPC1FB33P25_SIN		0.00	126.03	-115.41	539.86	-124.13	-87.72	-16.98	-59.93	-90.77	-39.45	-27.95	92.49	40.38	31.67	107.11	-90.54
MRPC1TOR25P5_COS		-757.18	-54.18	-16.58	-83.94	274.95	-41.28	37.86	31.90	-7.20	2.73	10.62	-1.31	-26.92	-12.17	-12.33	-3.80
MRPC1TOR25P5_SIN		0.00	137.15	-30.38	-108.85	-153.01	162.55	47.68	-63.71	-20.84	1.81	4.25	24.80	8.35	-4.55	6.49	-2.47
MRPLK1LOAD_COS		-84.60	1.41	0.03	-10.07	34.81	-3.77	5.03	5.63	-0.75	-0.02	2.19	0.60	-4.04	-2.62	-2.19	-0.66
MRPLK1LOAD_SIN		0.00	-10.28	-0.71	-16.29	-21.51	23.08	6.01	-8.40	-3.37	-0.17	0.90	2.89	0.83	-0.97	0.89	-0.16
PITCHRH_COS		11804.21	-8466.00	-420.28	54.10	-223.23	156.90	-20.43	194.57	-5.94	-78.65	-430.24	-31.30	-36.84	36.43	3.95	-83.70
PITCHRH_SIN		0.00	2458.87	-667.31	-35.59	0.59	-2387.30	161.57	23.11	-8.53	143.20	436.75	-148.39	-3.70	29.10	62.97	266.91
ROLLRH_COS		2580.68	-2017.89	781.09	-60.45	-96.50	2040.71	-60.05	-219.48	174.60	19.15	367.46	97.92	-26.07	89.31	-200.15	-805.60
ROLLRH_SIN		0.00	-8042.16	-597.37	-17.86	240.64	3064.24	-227.44	92.44	-8.34	-53.33	83.82	26.59	-22.14	-91.97	-99.51	-279.31
TORQ_COS		31189.35	447.87	-6.94	43.43	-2.90	66.24	7.68	2.62	8.11	-6.09	13.51	1.59	-0.09	-5.22	-8.90	-12.84
TORQ_SIN		0.00	724.63	-16.12	-0.23	-163.93	286.81	1.69	31.75	17.10	-6.58	11.60	7.83	-4.92	5.19	-5.72	-17.50
THRUST_COS		5760.75	-71.01	11.87	19.25	-2.25	22.75	2.84	12.69	-4.94	0.11	23.95	-13.72	-11.91	-3.84	17.33	23.78
THRUST_SIN		0.00	-55.25	9.04	-2.85	40.22	110.87	3.85	-3.01	-0.48	-0.61	31.38	17.94	1.44	5.14	0.34	44.74

RUN	POINT	Harmonics															
49	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.72	25.74	-18.85	-1.15	-15.02	-397.56	12.09	6.71	-3.20	-1.76	-16.31	-2.06	0.57	-2.99	5.41	22.92
SIDERH_SIN		0.00	158.01	17.11	-4.74	-64.28	-117.00	6.37	2.56	1.97	5.12	1.68	-2.50	0.32	3.18	2.91	7.21
DRAGRH_COS		-165.80	218.47	12.26	-0.02	16.69	466.09	4.64	-1.97	0.97	1.48	11.57	-3.38	3.11	-0.82	2.46	7.78
DRAGRH_SIN		0.00	-60.48	17.29	2.38	-3.11	-237.33	-11.14	-3.04	7.38	-4.80	13.92	3.83	-0.73	-1.10	-2.85	-13.14

RUN	POINT	Harmonics															
49	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	-0.08	0.00	0.00	0.05	-0.04	-0.01	0.01	0.01	0.01	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.48	0.00	0.00	-0.01	0.05	0.02	0.01	0.01	-0.08	0.00	-0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-21.01	0.86	0.22	-5.92	9.31	1.74	-0.73	1.30	-0.53	-0.26	0.03	0.27	0.75	0.00	0.31	0.31
ACT1FORCE_SIN		0.00	13.70	2.34	0.22	-6.72	2.20	-0.29	-0.29	0.55	0.44	0.37	0.30	-1.87	0.03	-0.39	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		354.07	-14.18	-2.18	37.46	-121.67	-10.02	11.19	0.17	0.40	-0.01	0.06	-0.05	0.59	0.11	-0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-77.89	-16.56	-2.56	-243.34	-10.09	2.32	-0.43	0.71	0.19	0.04	0.16	-0.12	-0.01	0.04	0.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.04	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		451.96	14.30	2.26	-37.52	122.97	10.23	-11.16	-0.37	0.17	0.09	-0.14	0.05	-0.56	-0.12	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	78.01	16.62	2.46	243.50	10.41	-2.19	0.54	-0.03	-0.17	-0.04	-0.13	0.12	0.05	-0.03	-0.06
MRBLD1CB42P75_COS		-4200.24	-1336.08	75.29	125.17	136.04	-196.92	-51.78	-202.94	5.69	-26.25	36.60	-48.08	-17.07	-8.48	-26.73	-5.70
MRBLD1CB42P75_SIN		0.00	61.61	-136.24	315.30	196.25	-164.71	62.83	7.44	3.13	-3.91	-46.91	31.48	67.61	19.08	41.79	-29.95

RUN	POINT	Harmonics															
49	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2,720.81	-847.49	360.89	-22.60	279.44	-173.70	100.70	-117.15	2.75	-23.75	36.16	-31.25	-7.54	2.47	-19.61	-8.84
MRBLD1CB70_SIN		0.00	91.28	-143.08	310.74	461.15	-120.20	31.84	41.62	34.08	-4.67	-30.71	16.97	42.01	9.84	31.54	-28.83
MRBLD1CB120_COS		-543.91	-368.43	488.14	14.56	334.28	-69.95	292.64	-40.95	-32.81	7.67	-5.41	37.46	14.78	9.64	-6.01	-2.76
MRBLD1CB120_SIN		0.00	137.79	-184.96	202.62	370.78	-27.92	5.47	76.25	-2.38	8.74	43.02	2.31	-27.64	-5.76	-4.13	-7.92
MRBLD1CB164_COS		-1,978.32	-115.96	158.85	-27.45	135.18	0.57	169.94	56.29	-26.70	11.76	-17.48	35.00	17.21	4.79	17.35	3.35
MRBLD1CB164_SIN		0.00	76.26	-49.23	87.62	94.04	44.65	-3.15	16.19	-23.71	1.45	36.16	5.33	-15.49	-3.57	-21.90	22.16
MRBLD1FB42P75_COS		3,165.17	191.60	-461.82	583.11	190.63	-145.86	-13.99	-487.10	-117.86	-26.78	38.70	65.43	43.70	29.56	43.09	-66.94
MRBLD1FB42P75_SIN		0.00	-67.03	-20.21	667.26	-613.63	-20.95	7.01	267.06	-105.77	-35.83	-35.59	56.93	42.52	17.09	99.84	-28.25
MRBLD1FB70_COS		412.57	13.26	-213.30	145.34	64.52	-45.23	13.08	-73.09	-4.94	0.64	1.02	-3.28	-3.84	-4.38	-7.57	15.07
MRBLD1FB70_SIN		0.00	-221.48	16.80	213.99	-188.81	-18.39	13.73	53.65	-3.78	5.95	3.92	3.16	-0.16	-1.74	-21.22	6.00
MRBLD1FB87_COS		-78.54	39.96	-180.77	32.56	-0.97	-24.44	-3.58	42.32	16.06	9.47	-4.15	-9.17	-10.19	-7.64	-12.51	9.83
MRBLD1FB87_SIN		0.00	-215.50	48.68	144.37	-84.63	4.94	4.38	-24.05	7.19	0.23	9.01	-13.78	-9.88	-2.91	-20.37	6.85
MRBLD1FB120_COS		-478.57	33.73	-281.32	-14.52	-36.00	47.48	-14.72	101.83	6.51	-7.75	-4.99	2.67	8.04	10.89	16.64	-16.23
MRBLD1FB120_SIN		0.00	-235.56	85.08	197.61	16.96	38.23	-8.05	-78.20	11.78	-5.38	-10.00	4.39	5.03	-0.24	28.69	-12.79
MRBLD1FB164_COS		-152.03	53.58	-405.86	125.59	-22.20	53.27	36.97	-146.30	-15.20	10.22	3.29	-5.78	-3.14	-0.78	-5.25	11.07
MRBLD1FB164_SIN		0.00	-270.21	46.97	248.94	472.38	-5.38	-18.10	97.71	-20.06	0.75	14.48	-11.43	-13.41	1.53	-12.01	4.96

RUN	POINT	Harmonics															
49	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-191.70	1.35	-231.38	90.44	26.70	10.75	16.65	-135.66	-5.26	3.56	-20.59	-15.21	-1.88	16.67	20.92	-22.15
MRBLD1FB180_SIN		0.00	-175.60	22.99	106.39	346.38	-4.31	-13.41	92.11	-19.47	-21.86	5.13	-24.18	-16.11	-14.81	21.41	-14.11
MRBLD1TOR51_COS		-1401.82	68.94	-26.44	119.31	-119.33	-68.97	-56.28	-43.67	6.44	-6.52	-1.61	-1.66	2.67	9.09	4.95	6.36
MRBLD1TOR51_SIN		0.00	-78.96	-11.71	119.78	246.13	-150.62	-10.53	65.35	19.71	-3.63	-10.31	-9.45	-12.49	-1.78	9.08	-1.82
MRBLD1TOR71_COS		-257.52	84.63	-34.91	99.93	-119.68	-50.42	-50.20	-18.02	4.46	-6.75	-3.16	1.32	3.39	8.02	3.25	3.06
MRBLD1TOR71_SIN		0.00	-81.79	-10.31	72.34	230.90	-131.07	-10.79	63.10	24.96	-1.13	-8.10	-10.86	-12.15	-0.77	3.17	-1.41
MRBLD1TOR130_COS		-25.92	69.91	-10.69	83.29	-105.36	-48.69	-35.34	-24.65	3.13	-6.10	3.89	-0.45	-0.70	-1.29	-6.00	-7.52
MRBLD1TOR130_SIN		0.00	-63.62	-13.64	34.28	247.65	-99.84	-11.10	49.95	14.01	1.65	0.58	5.45	4.51	3.12	-5.41	-1.15
MRBLD1TOR164_COS		-217.71	34.61	55.41	38.48	-34.51	-47.29	-24.78	-5.78	3.82	1.87	2.96	3.02	-0.19	1.18	-7.75	-8.43
MRBLD1TOR164_SIN		0.00	-23.29	-9.86	-25.18	112.65	-55.74	-2.33	27.59	4.74	-4.00	-0.45	3.73	8.65	2.87	-0.71	-7.92
MRFBM1CB26P5_COS		-4763.91	-542.01	-17.27	88.30	-56.27	-19.26	-36.18	-25.69	-2.76	1.65	-0.47	0.03	-0.16	-0.96	-3.61	0.23
MRFBM1CB26P5_SIN		0.00	-31.51	-26.30	22.98	-38.86	-32.12	10.39	-9.33	-11.57	-1.14	-2.41	2.92	2.13	2.36	4.25	-3.10
MRFBM1FB9_COS		332.67	-131.82	174.50	-62.39	-43.44	16.06	3.84	28.72	-0.31	-0.24	-2.97	1.84	1.83	0.69	2.56	-1.25
MRFBM1FB9_SIN		0.00	-74.85	64.32	-224.06	41.17	10.31	-13.48	8.20	5.57	2.12	-0.67	-1.53	-2.35	-0.71	-1.43	1.99
MRFBM1TOR26P5_COS		-352.86	77.65	-0.69	0.21	-2.32	-0.83	-0.96	0.17	0.29	0.09	-0.12	-0.14	-0.01	0.03	0.25	0.23
MRFBM1TOR26P5_SIN		0.00	-93.88	0.13	0.47	5.14	-2.07	0.77	0.00	0.42	0.12	0.15	-0.03	-0.13	-0.10	0.14	0.17

RUN	POINT	Harmonics															
49	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1206.90	-1210.60	-19.89	216.90	41.41	-150.17	-51.59	-200.61	-0.84	-14.22	22.88	-24.33	-6.97	-4.08	-24.32	-5.86
MRPC1CB33P25_SIN		0.00	61.99	-105.54	241.41	5.36	-121.23	55.32	1.32	-33.40	-8.12	-28.72	33.49	47.51	17.07	40.31	-30.77
MRPC1FB33P25_COS		2317.18	130.26	-380.87	352.92	304.65	-115.50	-4.49	-480.46	-40.87	-1.80	50.01	8.13	1.87	3.29	-64.86	-15.52
MRPC1FB33P25_SIN		0.00	104.90	-90.33	651.41	-456.25	-47.97	-12.62	11.97	-131.94	-39.22	-4.53	79.85	61.82	35.25	98.55	-79.15
MRPC1TOR25P5_COS		-757.93	-54.89	-4.25	-133.00	163.53	51.89	58.63	27.29	-9.80	1.55	9.32	3.35	-2.58	-11.54	-22.90	-20.45
MRPC1TOR25P5_SIN		0.00	139.67	-28.73	-90.35	-264.51	168.55	10.43	-70.58	-24.25	2.43	6.60	16.08	24.50	8.65	-4.99	-13.07
MRPLK1LOAD_COS		-84.80	1.58	1.29	-16.63	20.09	9.19	7.60	4.95	-1.56	0.14	1.38	1.04	-0.41	-1.65	-3.72	-3.81
MRPLK1LOAD_SIN		0.00	-9.91	-0.60	-13.99	-35.04	23.01	1.25	-9.21	-3.62	-0.17	0.28	1.22	3.15	1.53	-2.49	-2.09
PITCHRH_COS		11868.05	-8488.80	-441.77	-1.87	-134.38	-1389.08	-29.40	163.40	49.32	139.13	120.26	-130.38	7.88	-68.46	-21.39	-313.10
PITCHRH_SIN		0.00	2461.58	-674.12	-53.53	85.98	-2655.54	223.26	-86.14	22.53	128.67	485.83	-44.50	-9.51	36.34	52.32	298.42
ROLLRH_COS		2834.54	-2022.81	730.57	-83.54	29.07	3829.93	-142.70	-145.13	170.66	1.09	395.58	74.16	-46.53	58.57	-134.93	-1083.37
ROLLRH_SIN		0.00	-8149.56	-611.11	6.37	260.47	1227.00	-149.97	183.27	-48.75	37.48	-27.95	-91.16	17.17	-13.03	105.77	-270.21
TORQ_COS		30727.65	426.33	-1.71	33.57	-34.76	209.34	7.73	21.83	8.36	-5.17	17.58	0.57	4.37	-2.44	-2.84	-7.74
TORQ_SIN		0.00	683.84	-14.78	-12.60	-134.92	268.79	-2.07	41.23	-10.26	-3.09	4.26	4.25	-3.51	7.15	-4.36	-12.71
THRUST_COS		5839.99	-70.20	10.61	16.23	4.56	90.04	0.79	13.54	-4.18	-4.31	11.05	6.39	-3.57	2.83	-1.60	7.77
THRUST_SIN		0.00	-53.12	5.81	-2.71	35.46	87.42	2.47	0.37	-1.10	-6.94	-14.95	18.37	7.77	0.19	-18.27	32.15

RUN	POINT	Harmonics															
49	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.18	28.18	-17.13	-4.98	-37.54	-402.02	17.10	6.16	-4.75	1.50	-11.06	-3.04	1.12	-1.76	3.51	30.44
SIDERH_SIN		0.00	172.32	16.52	-6.08	-51.03	139.82	6.71	-2.87	2.27	-0.63	4.42	2.89	-0.51	0.35	-3.44	7.56
DRAGRH_COS		-165.77	221.11	14.15	0.96	10.08	285.32	14.88	-1.97	1.13	-6.46	19.07	2.35	-0.73	3.77	0.00	15.25
DRAGRH_SIN		0.00	-60.68	18.13	-1.16	-9.16	-466.47	-21.61	-2.25	1.76	-3.34	8.45	6.38	-1.95	-3.12	-6.01	-16.38

RUN	POINT	Harmonics															
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	-0.80	0.00	0.00	0.06	0.00	-0.01	0.01	-0.02	-0.10	0.02	0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.24	0.00	0.00	-0.03	0.06	0.00	-0.01	0.00	0.00	0.02	-0.01	-0.02
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.09	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.62	0.87	0.19	-6.10	4.50	2.98	-0.74	1.52	-0.66	-0.07	0.32	-0.08	-2.25	0.43	0.39	0.29
ACT1FORCE_SIN		0.00	13.97	2.10	1.56	-11.85	0.96	0.19	-0.73	0.89	0.07	0.26	-0.04	-0.60	0.40	-0.20	-0.38
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.09	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.31	-14.06	-3.98	38.54	-224.77	-16.90	11.04	0.13	0.84	0.05	0.05	0.00	-0.24	-0.01	0.19	0.14
FA1IBVOLTAGE_SIN		0.00	-81.06	-17.19	-11.96	-142.59	-2.45	-5.19	-0.70	0.17	0.06	0.00	0.07	-0.64	0.04	0.09	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.09	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.09	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.71	14.14	4.05	-38.72	225.71	17.26	-10.97	-0.22	-0.03	0.04	-0.07	0.00	0.27	0.04	-0.16	-0.14
FA1OBVOLTAGE_SIN		0.00	81.21	17.25	11.87	142.42	2.64	5.27	0.91	-0.37	-0.14	0.09	-0.05	0.60	-0.06	-0.09	-0.01
MRBLD1CB42P75_COS		-4,143.40	-1,358.45	70.89	215.88	164.47	-263.42	-25.31	-280.86	85.32	-6.84	-14.81	-60.74	26.36	-4.24	-23.13	-12.23
MRBLD1CB42P75_SIN		0.00	20.75	-138.74	343.05	69.43	-105.82	76.31	-0.57	-7.88	48.44	-50.49	18.04	39.79	11.93	41.36	-36.54

RUN	POINT	Harmonics															
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2759.71	-861.34	326.16	58.10	364.57	-207.60	77.81	-179.42	76.16	-9.65	16.52	-41.36	18.05	2.42	-18.39	-17.35
MRBLD1CB70_SIN		0.00	72.38	-155.83	368.26	267.37	-63.01	-52.60	18.55	12.75	46.08	-31.89	11.70	26.14	2.49	34.40	-28.11
MRBLD1CB120_COS		-515.39	-381.59	450.98	83.54	368.40	-56.40	231.88	-64.65	-60.91	2.89	35.14	49.20	-9.83	5.70	-6.28	0.85
MRBLD1CB120_SIN		0.00	142.64	-204.23	239.10	160.77	16.03	-173.47	61.73	0.92	-14.90	51.25	7.20	-14.27	-5.58	2.76	-5.03
MRBLD1CB164_COS		-1972.35	-123.24	149.90	8.42	118.22	30.54	146.48	69.66	-79.26	7.60	7.44	43.38	-2.04	1.40	14.69	8.40
MRBLD1CB164_SIN		0.00	77.73	-54.11	99.82	-5.15	50.39	-100.35	8.94	-13.94	-37.88	42.46	7.32	-6.10	0.09	-22.93	19.37
MRBLD1FB42P75_COS		3148.16	196.38	-415.89	792.09	-211.22	-194.05	-21.60	-575.93	-137.78	-13.90	33.95	69.70	46.71	29.29	57.75	-79.20
MRBLD1FB42P75_SIN		0.00	-60.19	6.30	583.48	-783.77	72.91	12.94	362.76	-78.23	-48.81	-15.22	31.29	9.39	15.03	95.68	-32.53
MRBLD1FB70_COS		406.84	14.32	-191.70	214.80	-51.87	-56.53	16.40	-91.68	-4.02	3.01	-0.98	-3.88	-4.49	-4.76	-11.00	17.24
MRBLD1FB70_SIN		0.00	-225.88	30.76	194.46	-253.42	6.29	11.55	70.72	-3.00	6.47	4.36	4.46	2.68	-1.08	-20.75	6.86
MRBLD1FB87_COS		-84.85	43.01	-159.29	67.33	-55.74	-23.67	1.61	52.44	17.18	6.23	-1.16	-9.08	-11.12	-7.15	-14.85	13.90
MRBLD1FB87_SIN		0.00	-221.75	61.09	139.73	-113.10	2.37	-0.08	-31.70	6.20	1.32	4.56	-7.15	0.68	-1.67	-19.48	6.88
MRBLD1FB120_COS		-489.39	41.81	-257.55	19.78	-40.15	64.07	-10.37	126.89	6.93	-9.10	-5.70	3.98	10.62	9.46	21.32	-20.36
MRBLD1FB120_SIN		0.00	-249.82	106.57	206.40	36.25	7.98	-6.66	-102.60	8.66	-5.26	-9.51	-0.63	-4.81	-2.48	27.29	-11.01
MRBLD1FB164_COS		-170.83	67.56	-382.75	153.73	209.55	84.34	21.84	-180.32	-12.78	11.13	6.31	-5.76	-7.86	-0.19	-7.64	11.33
MRBLD1FB164_SIN		0.00	-287.05	75.07	222.79	542.94	1.78	-13.55	132.72	-11.30	1.29	12.91	-2.56	-2.07	2.51	-9.80	4.47

RUN	POINT	Harmonics															
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.62	5.80	-219.16	99.71	197.50	31.18	4.91	-163.74	2.62	6.67	-11.91	-14.14	-3.24	11.42	24.03	-26.58
MRBLD1FB180_SIN		0.00	-183.75	39.12	82.29	372.66	16.36	-17.63	116.95	-11.46	-19.47	-2.00	-10.19	4.12	-11.38	21.27	-13.42
MRBLD1TOR51_COS		-1405.85	66.94	-24.72	150.18	8.93	-141.18	-52.36	-64.33	19.39	-2.87	-5.87	-3.61	-10.66	4.96	5.19	6.57
MRBLD1TOR51_SIN		0.00	-84.42	-6.44	88.22	262.95	-111.19	28.62	65.91	19.26	0.88	-12.12	-3.27	1.38	-1.84	7.26	-9.89
MRBLD1TOR71_COS		-261.66	82.91	-32.91	119.31	7.23	-113.19	-49.14	-31.11	15.23	-4.39	-7.04	-1.76	-9.06	5.47	1.85	3.34
MRBLD1TOR71_SIN		0.00	-86.37	-5.58	42.21	257.17	-98.65	26.90	62.37	25.44	1.43	-10.07	-5.72	-0.35	-1.66	2.81	-6.00
MRBLD1TOR130_COS		-29.66	69.16	-9.51	90.38	27.49	-95.76	-37.65	-37.27	9.58	-4.46	-3.36	-2.76	-0.14	0.56	-7.89	-8.10
MRBLD1TOR130_SIN		0.00	-67.93	-11.01	4.53	276.00	-70.80	17.48	51.48	14.78	4.01	-1.46	4.90	3.91	1.16	-2.91	3.77
MRBLD1TOR164_COS		-217.47	32.60	53.03	35.41	28.06	-76.11	-25.58	-6.88	5.78	2.69	-1.02	1.08	7.80	3.64	-7.03	-9.83
MRBLD1TOR164_SIN		0.00	-25.22	-13.14	-42.48	105.39	-36.37	10.62	28.45	5.18	-2.96	-0.86	2.67	5.01	1.18	2.55	-0.96
MRFBM1CB26P5_COS		-4735.50	-556.44	-10.81	98.84	-59.33	-35.13	-21.06	-32.56	-0.03	1.98	-6.67	1.37	1.25	-0.69	-2.70	1.02
MRFBM1CB26P5_SIN		0.00	-50.49	-27.07	17.60	-11.65	-27.91	33.51	-4.70	-7.05	-3.49	-2.13	1.17	1.28	2.54	4.67	-4.50
MRFBM1FB9_COS		309.04	-109.35	155.30	-119.94	-14.20	23.60	-4.55	36.65	-0.53	-0.27	-2.02	1.43	-0.02	0.67	2.49	-1.45
MRFBM1FB9_SIN		0.00	-68.00	47.46	-225.18	79.51	4.24	-13.00	8.12	5.22	0.51	-0.29	-1.38	-2.36	-0.69	-1.75	2.64
MRFBM1TOR26P5_COS		-352.99	77.92	-0.77	0.35	0.56	-1.75	-0.35	-0.11	0.39	0.03	0.17	-0.05	-0.13	-0.07	0.35	0.22
MRFBM1TOR26P5_SIN		0.00	-93.70	0.17	0.30	5.59	-1.45	1.14	-0.11	0.27	0.11	0.15	0.08	0.03	0.01	0.03	0.00

RUN	POINT	Harmonics															
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1173.77	-1223.81	-13.53	293.32	15.25	-208.20	-17.13	-262.57	39.09	-0.35	-13.21	-27.19	21.02	-0.30	-20.11	-10.31
MRPC1CB33P25_SIN		0.00	27.14	-106.15	239.77	-61.01	-68.94	78.70	10.93	-37.74	17.98	-25.63	23.52	27.69	12.77	40.85	-36.45
MRPC1FB33P25_COS		2297.39	134.90	-349.19	537.14	11.53	-174.68	-17.80	-589.63	-63.75	15.51	35.00	25.60	29.66	6.73	-52.07	-20.10
MRPC1FB33P25_SIN		0.00	114.18	-66.28	622.71	-693.16	13.65	-15.39	50.88	-121.52	-40.49	8.26	62.59	39.52	33.21	109.81	-90.58
MRPC1TOR25P5_COS		-753.26	-52.56	-6.16	-160.92	15.87	132.66	50.22	45.80	-19.68	1.50	4.97	1.24	18.61	-3.03	-24.94	-21.58
MRPC1TOR25P5_SIN		0.00	145.83	-34.94	-52.74	-306.61	130.56	-34.00	-73.40	-24.94	3.38	8.82	5.45	0.99	5.47	1.66	1.37
MRPLK1LOAD_COS		-84.04	1.65	1.13	-20.48	1.26	19.95	6.61	7.99	-3.22	0.10	0.00	0.07	2.41	0.06	-4.79	-3.81
MRPLK1LOAD_SIN		0.00	-9.09	-1.27	-8.86	-39.37	17.01	-4.29	-9.49	-3.09	-0.29	0.45	-0.13	-0.25	0.62	-1.04	0.52
PITCHRH_COS		11535.51	-8481.88	-473.98	-71.56	-8.34	-2871.51	37.67	20.15	98.34	147.73	607.04	-95.31	-14.31	-83.47	-7.48	-262.99
PITCHRH_SIN		0.00	2445.97	-688.34	-8.52	109.19	-2105.22	81.12	-134.82	-7.86	-75.74	58.60	103.85	-34.11	96.18	32.59	340.86
ROLLRH_COS		2697.97	-2022.37	712.11	-71.49	138.49	4404.74	-143.72	-3.68	153.58	125.14	328.76	-68.41	12.03	65.67	-1.75	-1010.11
ROLLRH_SIN		0.00	-8144.05	-609.48	74.54	139.57	-1321.60	-102.19	227.39	-124.15	78.42	-156.56	-148.66	71.03	-78.58	49.89	-4.20
TORQ_COS		31150.77	423.34	3.68	17.05	-60.90	320.43	4.64	35.82	-37.75	-2.81	45.51	-3.63	5.44	-1.33	-0.87	-2.73
TORQ_SIN		0.00	695.85	-17.34	-17.67	-136.67	239.26	-7.41	31.30	-27.02	1.42	6.79	6.94	-6.46	7.25	-7.34	7.10
THRUST_COS		5769.91	-65.95	5.59	12.44	8.93	154.58	-2.01	18.01	-1.63	-11.74	-18.62	25.74	2.80	-1.95	-16.74	7.10
THRUST_SIN		0.00	-57.44	6.01	0.17	41.16	28.26	7.13	1.86	-2.05	-3.20	-30.61	4.45	8.80	-5.86	0.23	42.98

RUN	POINT	Harmonics															
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.78	26.48	-16.97	-9.18	-53.68	-271.36	10.75	3.86	-4.09	-4.26	-7.79	1.20	0.35	-2.42	-0.41	29.15
SIDERH_SIN		0.00	171.10	16.32	-6.26	-38.75	359.95	-2.01	-5.93	6.52	-5.47	3.69	6.84	-0.98	2.34	-1.39	0.26
DRAGRH_COS		-170.40	221.40	14.07	-0.54	-2.59	-14.31	6.93	-2.95	-6.26	-1.29	8.56	11.63	0.33	2.07	-3.15	10.71
DRAGRH_SIN		0.00	-60.42	17.63	-3.79	-11.78	-564.46	-26.71	-8.37	-4.44	5.50	-4.54	-1.87	-2.02	-5.81	-2.13	-16.59

RUN	POINT	Harmonics															
49	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	-1.33	0.00	0.00	0.05	0.05	0.00	0.01	-0.02	-0.01	0.01	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.66	0.00	0.00	-0.03	0.04	0.00	-0.02	0.00	0.10	0.01	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.15	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.74	1.29	0.72	-5.85	-2.64	3.27	-0.40	1.30	-0.07	0.01	0.57	-0.14	-0.83	0.24	-0.01	-0.36
ACT1FORCE_SIN		0.00	14.07	1.78	3.09	-13.87	-0.72	0.66	-0.78	1.09	-0.06	-0.35	-0.07	2.34	0.08	0.20	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		353.16	-15.59	-7.26	37.56	-263.28	-17.15	5.64	-0.03	0.63	0.04	0.08	0.13	-0.70	-0.02	0.07	0.08
FA1IBVOLTAGE_SIN		0.00	-80.97	-15.86	-20.36	1.68	7.87	-10.50	-0.67	-0.55	-0.04	-0.05	-0.08	0.18	0.05	-0.06	-0.13
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.12	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		452.84	15.66	7.31	-37.83	263.96	17.54	-5.54	0.11	-0.48	-0.10	-0.01	-0.09	0.65	0.02	-0.07	-0.05
FA1OBVOLTAGE_SIN		0.00	81.14	15.91	20.37	-2.32	-7.90	10.49	0.88	-0.24	-0.08	0.10	0.08	-0.20	-0.08	0.05	0.11
MRBLD1CB42P75_COS		-4125.86	-1418.98	7.34	310.29	124.54	-286.30	8.32	-304.39	124.29	23.32	-21.02	-77.24	12.87	-7.23	-13.67	-19.15
MRBLD1CB42P75_SIN		0.00	-32.17	-121.29	301.57	-57.58	-0.17	59.69	49.53	-78.81	58.94	-45.21	56.59	6.66	3.95	14.63	-25.28

RUN	POINT	Harmonics															
49	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2761.10	-893.01	259.39	158.09	321.53	-223.52	35.30	-218.31	103.44	20.86	24.57	-49.38	12.90	-5.48	-8.53	-20.88
MRBLD1CB70_SIN		0.00	44.37	-156.35	355.55	54.23	18.52	-109.69	49.49	-56.59	64.32	-54.62	35.31	0.04	0.20	13.34	-19.56
MRBLD1CB120_COS		-511.13	-396.33	396.16	158.07	277.88	-52.99	102.61	-84.37	-58.91	3.43	52.29	61.51	-4.16	2.18	2.29	4.12
MRBLD1CB120_SIN		0.00	148.06	-223.21	221.01	-37.72	46.40	-275.51	72.06	27.58	-13.39	38.60	-20.48	0.42	-0.80	7.11	-7.34
MRBLD1CB164_COS		-1970.89	-125.65	140.06	41.40	46.23	43.87	82.31	64.16	-88.63	-2.96	10.57	48.28	1.20	2.10	4.49	7.64
MRBLD1CB164_SIN		0.00	81.18	-64.13	96.07	-79.93	36.07	-154.28	-5.53	32.59	-48.53	52.55	-15.50	9.17	3.01	-8.95	14.88
MRBLD1FB42P75_COS		3157.76	206.32	-400.13	905.98	-608.33	-173.69	-68.37	-498.41	-101.32	-7.93	53.61	64.92	14.40	18.63	29.64	-73.84
MRBLD1FB42P75_SIN		0.00	-42.81	35.83	398.57	-717.77	174.27	1.31	453.25	-77.54	-76.39	0.79	24.59	12.77	7.48	38.69	-18.72
MRBLD1FB70_COS		409.77	10.87	-180.94	258.48	-173.61	-50.06	10.26	-79.75	1.24	5.49	-0.70	-1.85	-0.53	-2.97	-5.95	16.06
MRBLD1FB70_SIN		0.00	-228.44	43.86	140.57	-246.83	34.60	1.52	87.61	-7.59	4.53	3.38	4.59	2.69	0.56	-7.78	5.01
MRBLD1FB87_COS		-86.17	38.80	-145.33	90.85	-111.68	-23.01	5.28	47.29	13.78	4.26	-5.10	-9.34	-2.14	-4.70	-8.94	11.73
MRBLD1FB87_SIN		0.00	-226.84	72.12	120.42	-105.38	4.31	-3.79	-38.21	10.83	8.22	2.48	-6.61	1.52	1.04	-6.92	2.97
MRBLD1FB120_COS		-493.99	45.58	-233.37	49.76	-40.51	59.83	1.25	108.47	0.76	-11.68	-5.80	2.65	1.56	5.73	12.81	-17.21
MRBLD1FB120_SIN		0.00	-265.98	126.64	196.14	54.58	-28.16	-5.27	-130.51	9.85	-6.52	-9.56	-1.81	-7.23	-4.84	8.88	-5.48
MRBLD1FB164_COS		-180.51	69.28	-369.19	166.19	430.46	104.69	2.30	-152.23	-0.77	12.83	4.86	-4.73	-0.31	1.75	-1.26	9.60
MRBLD1FB164_SIN		0.00	-306.37	110.72	171.79	476.28	-19.52	0.77	170.25	-10.22	3.90	10.77	-0.63	0.67	2.09	-0.92	1.56

RUN	POINT	Harmonics															
49	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.04	4.90	-213.91	95.43	346.70	54.51	-13.62	-139.83	21.32	7.08	-22.22	-19.10	6.29	7.94	9.46	-25.97
MRBLD1FB180_SIN		0.00	-194.45	61.22	51.48	303.78	15.03	-11.68	149.32	-4.75	-6.67	-5.76	-10.44	7.55	-6.51	1.44	-8.22
MRBLD1TOR51_COS		-1405.80	61.54	-31.33	161.04	139.86	-179.14	-31.84	-67.09	33.30	4.20	-11.21	-2.54	1.17	1.24	1.15	-2.93
MRBLD1TOR51_SIN		0.00	-87.44	-0.69	39.05	211.20	-39.68	52.94	83.41	8.21	4.46	-10.05	-4.43	13.07	0.86	1.75	-11.90
MRBLD1TOR71_COS		-261.97	79.24	-35.96	121.61	140.87	-146.76	-30.07	-33.38	27.39	0.57	-12.91	-3.09	2.01	2.26	0.68	-2.00
MRBLD1TOR71_SIN		0.00	-88.84	-1.32	1.50	214.00	-38.94	52.37	73.19	16.98	4.79	-7.55	-6.34	9.78	0.15	1.58	-6.49
MRBLD1TOR130_COS		-30.92	67.32	-13.02	82.92	164.85	-117.52	-25.02	-37.68	20.01	1.43	-8.32	-6.59	1.09	-0.20	-3.05	-2.30
MRBLD1TOR130_SIN		0.00	-70.17	-8.61	-28.52	230.76	-21.51	38.29	63.16	8.93	5.89	3.40	7.92	2.84	0.19	0.82	7.14
MRBLD1TOR164_COS		-217.61	30.98	49.69	24.36	84.75	-88.43	-18.00	-4.61	8.31	2.34	-4.58	-3.05	5.06	3.04	-0.32	-1.45
MRBLD1TOR164_SIN		0.00	-25.41	-17.76	-56.24	68.26	-2.15	18.44	31.82	6.55	-1.86	2.12	4.67	-2.75	-0.30	1.05	3.06
MRFBM1CB26P5_COS		-4729.23	-587.31	-29.88	106.20	-41.45	-40.77	-1.20	-28.41	5.25	0.64	-10.69	0.33	-0.55	0.51	-0.81	0.53
MRFBM1CB26P5_SIN		0.00	-76.96	-20.11	2.30	11.06	-12.63	41.11	1.63	-7.78	-5.59	5.96	1.60	1.38	1.04	2.35	-4.59
MRFBM1FB9_COS		310.53	-81.03	163.31	-165.47	27.84	26.57	-9.43	38.38	-2.44	-1.41	-2.29	1.80	0.18	0.49	1.13	-0.70
MRFBM1FB9_SIN		0.00	-60.76	26.27	-192.88	95.57	-4.97	-5.66	1.95	5.14	-0.02	-0.33	-1.72	-0.89	-0.34	-0.64	2.45
MRFBM1TOR26P5_COS		-353.07	77.94	-0.71	0.42	3.36	-2.09	0.19	-0.26	0.34	-0.01	0.40	0.23	-0.04	-0.04	0.12	0.04
MRFBM1TOR26P5_SIN		0.00	-93.70	0.17	0.16	4.61	-0.56	1.34	0.10	0.08	0.11	-0.11	-0.08	0.16	0.11	-0.10	-0.09

RUN	POINT	Harmonics															
49	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1163.37	-1279.65	-65.89	358.94	-30.07	-220.72	15.10	-264.24	61.97	18.36	-18.66	-34.76	8.16	-1.83	-10.14	-14.93
MRPC1CB33P25_SIN		0.00	-17.67	-85.86	182.48	-106.69	17.98	65.76	58.94	-74.82	20.24	-9.67	43.60	7.24	4.71	16.82	-26.93
MRPC1FB33P25_COS		2302.86	142.07	-344.32	663.21	-336.09	-184.68	-57.52	-567.33	-34.53	35.66	39.97	24.01	3.91	5.24	-18.19	-27.41
MRPC1FB33P25_SIN		0.00	131.62	-41.02	495.65	-731.92	97.22	-40.79	153.12	-109.67	-57.47	29.74	57.70	15.71	19.98	50.39	-77.02
MRPC1TOR25P5_COS		-749.91	-46.59	-1.35	-165.56	-145.18	176.86	27.42	46.46	-30.77	-0.49	7.04	-7.96	1.60	-0.84	-8.40	-4.22
MRPC1TOR25P5_SIN		0.00	152.54	-42.60	2.10	-266.20	57.51	-62.43	-90.18	-17.60	0.38	11.49	13.36	-20.85	-0.73	5.33	10.09
MRPLK1LOAD_COS		-83.69	1.94	1.73	-21.21	-19.02	25.34	3.82	8.23	-4.55	-0.19	-0.67	-2.18	0.26	0.05	-1.75	-0.65
MRPLK1LOAD_SIN		0.00	-8.30	-2.21	-1.82	-33.33	6.56	-7.87	-12.27	-1.36	-0.63	1.80	1.46	-3.22	-0.54	0.57	2.06
PITCHRH_COS		11074.36	-8479.91	-516.02	-108.47	38.00	-3644.45	102.62	-94.27	104.74	23.05	593.44	40.77	-53.49	9.19	-41.97	-204.74
PITCHRH_SIN		0.00	2431.61	-683.82	28.95	46.86	-831.83	121.47	-142.77	-85.85	-175.99	-603.09	116.51	19.32	93.68	10.39	150.22
ROLLRH_COS		2602.92	-2024.92	712.17	-52.90	111.81	3412.45	-48.64	126.05	102.49	173.06	188.43	-160.04	110.76	-59.45	2.16	-543.97
ROLLRH_SIN		0.00	-8141.56	-582.78	108.88	-36.42	-3314.22	-152.41	157.90	-87.90	-31.20	-121.06	-67.66	11.88	-102.94	-83.90	-31.85
TORQ_COS		31262.25	429.86	15.18	-1.17	-114.95	385.47	-8.47	19.54	-67.99	0.61	66.50	1.26	7.39	-1.57	-8.02	10.41
TORQ_SIN		0.00	689.23	-17.49	-12.91	-101.00	129.62	-9.82	24.26	4.55	-3.21	-32.91	7.10	-13.00	7.25	-11.71	11.66
THRUST_COS		5769.33	-66.04	-0.01	12.22	18.43	171.72	-1.85	8.80	-2.15	-9.72	-56.91	15.42	13.26	-9.87	0.87	10.39
THRUST_SIN		0.00	-61.82	7.79	4.72	43.33	-56.69	11.67	5.86	-2.61	1.84	-9.23	-16.82	-2.12	5.66	17.99	44.15

RUN	POINT	Harmonics															
49	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.01	25.18	-16.17	-11.57	-42.88	-54.14	5.24	0.99	-1.72	-9.02	-7.94	6.01	-2.09	1.01	-0.41	16.00
SIDERH_SIN		0.00	171.98	15.56	-3.28	-18.70	451.49	1.97	-6.06	6.63	-1.68	-1.49	5.69	-0.43	3.50	2.47	0.39
DRAGRH_COS		-173.24	222.23	14.72	-2.37	-14.74	-286.94	-0.13	-5.83	-11.82	7.22	-12.06	10.48	-2.04	-1.88	0.84	10.24
DRAGRH_SIN		0.00	-60.87	17.30	-6.22	-8.90	-473.05	-40.20	-13.19	2.12	6.97	2.46	-10.17	-2.30	-3.19	1.09	-6.15

RUN	POINT	Harmonics															
49	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	-1.48	0.00	0.00	0.04	0.04	0.00	0.01	0.01	0.11	-0.01	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.08	0.00	0.00	-0.03	0.00	-0.02	-0.01	0.01	0.01	0.00	0.02	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.16	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.83	1.32	0.38	-5.07	-9.73	2.24	0.11	0.99	0.21	0.21	0.31	0.38	2.52	-0.38	-0.15	-0.50
ACT1FORCE_SIN		0.00	13.94	1.34	4.13	-12.04	-2.52	0.36	-0.58	0.87	-0.49	-0.41	0.03	0.91	0.08	0.45	0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.67	-15.35	-6.50	31.79	-224.03	-8.55	-1.54	-0.13	-0.17	-0.11	-0.01	0.01	0.25	-0.09	-0.09	-0.07
FA1IBVOLTAGE_SIN		0.00	-80.92	-13.14	-26.29	141.23	18.63	-7.79	-0.49	-0.45	-0.09	-0.06	-0.08	0.65	0.05	0.00	-0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.34	15.47	6.56	-32.04	224.02	8.81	1.63	0.31	-0.50	-0.04	0.07	0.02	-0.28	0.06	0.08	0.04
FA1OBVOLTAGE_SIN		0.00	81.11	13.19	26.47	-142.49	-18.89	7.73	0.63	-0.03	0.08	0.00	0.08	-0.61	-0.04	-0.02	0.13
MRBLD1CB42P75_COS		-4138.66	-1274.94	-25.26	397.84	30.60	-251.52	15.18	-274.64	101.34	50.29	1.59	-57.04	-7.37	-8.23	-32.62	-7.62
MRBLD1CB42P75_SIN		0.00	38.23	-82.65	196.40	-124.64	91.66	36.45	88.19	-139.71	39.54	57.17	58.73	2.68	-2.65	-4.96	-12.73

RUN	POINT	Harmonics															
49	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2751.35	-797.96	214.22	266.55	181.56	-192.83	-46.46	-209.08	70.79	53.38	29.83	-35.44	-5.07	-6.10	-22.15	-14.85
MRBLD1CB70_SIN		0.00	85.34	-131.18	280.07	-101.24	71.30	-119.74	93.75	-111.21	45.86	-3.82	38.11	-6.48	0.87	-5.76	-10.94
MRBLD1CB120_COS		-505.59	-360.48	353.34	242.91	108.81	-32.66	-72.78	-82.65	-37.59	17.98	37.85	49.41	3.63	2.29	7.26	2.13
MRBLD1CB120_SIN		0.00	176.37	-221.75	153.59	-163.28	42.71	-278.45	88.96	31.59	-9.34	-34.19	-30.73	-1.24	6.91	-0.40	-12.16
MRBLD1CB164_COS		-1967.75	-119.33	128.98	79.07	-48.68	49.83	-3.49	50.20	-58.10	-6.53	9.47	36.32	14.75	5.32	12.88	6.02
MRBLD1CB164_SIN		0.00	89.84	-70.74	69.39	-106.85	1.94	-163.47	-7.56	59.02	-35.84	-3.15	-23.86	8.14	5.69	7.96	13.30
MRBLD1FB42P75_COS		3169.61	161.47	-366.13	952.09	-879.00	-117.11	-111.47	-375.41	-63.72	20.26	86.90	44.96	14.79	1.71	-43.03	-55.57
MRBLD1FB42P75_SIN		0.00	-42.60	46.45	95.39	-423.18	262.76	34.01	412.13	-124.32	-95.54	19.54	0.24	30.59	1.97	37.67	-23.41
MRBLD1FB70_COS		413.24	5.34	-168.23	283.53	-264.77	-33.26	-1.40	-59.42	2.10	7.14	1.46	-1.13	0.02	-0.09	9.33	13.17
MRBLD1FB70_SIN		0.00	-223.16	49.81	42.63	-166.55	57.82	2.62	83.23	-14.75	1.54	4.42	4.09	-0.37	0.67	-7.69	6.19
MRBLD1FB87_COS		-86.09	34.12	-132.34	107.11	-152.59	-21.18	6.70	38.35	12.41	0.28	-14.17	-5.68	-0.23	-0.01	7.28	7.36
MRBLD1FB87_SIN		0.00	-226.14	76.48	73.09	-68.45	3.39	-11.21	-35.44	17.96	13.10	-4.47	-0.47	-3.13	2.94	-6.83	3.43
MRBLD1FB120_COS		-499.06	48.76	-209.89	73.54	-32.33	38.74	14.18	77.79	-1.29	-15.96	-5.23	1.31	-0.59	0.23	-12.28	-12.22
MRBLD1FB120_SIN		0.00	-280.46	139.99	157.50	70.17	-58.29	-14.35	-124.30	17.57	-3.21	-7.45	-3.62	-0.91	-5.63	10.02	-6.13
MRBLD1FB164_COS		-187.42	77.09	-336.69	159.61	581.17	105.14	-11.14	-115.40	4.40	16.60	1.88	-1.92	1.02	3.37	12.48	6.61
MRBLD1FB164_SIN		0.00	-328.47	144.05	109.52	300.59	-40.20	26.51	162.96	-20.67	1.45	5.24	3.87	-3.33	2.45	-3.51	1.71

RUN	POINT	Harmonics															
49	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.49	9.05	-194.42	77.14	436.25	71.02	-28.32	-104.55	37.26	11.07	-42.45	-15.93	11.45	8.54	-19.67	-19.63
MRBLD1FB180_SIN		0.00	-213.07	85.64	26.55	163.19	5.23	8.84	144.84	-12.99	-0.62	-20.10	1.15	-0.27	-6.57	6.52	-8.53
MRBLD1TOR51_COS		-1405.10	61.82	-29.95	152.63	228.17	-175.64	-1.80	-50.26	33.10	12.62	-7.64	-1.41	14.83	2.87	-6.28	-6.84
MRBLD1TOR51_SIN		0.00	-85.68	9.31	-16.99	110.13	44.42	61.13	86.40	-7.78	-1.94	-4.88	-3.83	1.99	3.96	-1.69	-6.93
MRBLD1TOR71_COS		-260.50	77.57	-34.29	107.64	234.39	-145.62	-0.10	-22.84	27.36	6.45	-10.19	-2.55	13.33	3.08	-2.30	-4.23
MRBLD1TOR71_SIN		0.00	-87.30	5.79	-39.15	116.98	33.75	61.80	73.68	3.79	-0.29	-3.87	-2.68	-0.24	3.44	0.42	-4.07
MRBLD1TOR130_COS		-30.39	68.51	-12.85	61.80	259.67	-110.95	-3.97	-26.44	21.96	8.30	-6.68	-3.22	0.23	-1.71	1.44	2.20
MRBLD1TOR130_SIN		0.00	-69.11	-2.53	-53.98	126.36	35.50	48.30	63.59	-2.67	2.83	12.99	9.85	1.02	1.03	1.76	4.24
MRBLD1TOR164_COS		-216.90	32.05	45.47	6.26	115.49	-80.39	-7.52	0.97	11.17	1.35	-4.07	-1.22	-4.10	0.92	0.51	4.16
MRBLD1TOR164_SIN		0.00	-23.16	-18.55	-61.08	10.53	34.64	22.23	30.16	5.32	-0.51	4.74	8.83	0.17	-0.60	-1.78	-0.91
MRFBM1CB26P5_COS		-4737.59	-519.59	-35.96	105.25	-13.95	-36.91	19.92	-21.68	8.19	-0.97	-7.14	-0.31	0.03	-0.10	-3.12	1.33
MRFBM1CB26P5_SIN		0.00	-40.39	-6.78	-19.82	28.39	7.27	34.58	0.85	-10.89	-5.05	15.88	-0.15	2.40	-0.62	-0.48	-4.56
MRFBM1FB9_COS		314.61	-133.42	155.20	-206.13	70.24	25.39	-9.17	32.16	-4.68	-3.44	-1.67	0.82	0.84	0.21	1.20	-0.67
MRFBM1FB9_SIN		0.00	-57.82	5.53	-123.82	82.04	-14.16	2.15	-2.82	6.35	-0.35	-2.55	-1.38	-0.82	0.10	1.21	1.49
MRFBM1TOR26P5_COS		-353.18	77.75	-0.68	0.45	5.13	-1.92	0.83	-0.29	0.13	-0.04	0.35	0.14	0.14	0.09	-0.05	-0.08
MRFBM1TOR26P5_SIN		0.00	-93.85	0.08	0.04	2.49	0.35	1.27	0.36	0.05	0.15	-0.55	-0.29	0.07	0.09	-0.08	0.01

RUN	POINT	Harmonics															
49	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1169.01	-1155.97	-88.72	409.55	-84.03	-189.07	26.78	-225.78	56.11	36.96	3.63	-24.40	-4.94	-5.08	-29.44	-5.02
MRPC1CB33P25_SIN		0.00	40.99	-47.12	77.17	-97.29	94.75	43.62	79.97	-109.36	10.30	57.56	37.06	7.06	-1.43	-3.71	-18.71
MRPC1FB33P25_COS		2312.53	99.47	-319.25	757.23	-631.59	-161.91	-109.57	-454.89	12.77	67.79	52.70	27.80	-11.73	-2.11	-61.64	-11.29
MRPC1FB33P25_SIN		0.00	129.27	-29.03	256.96	-550.69	177.50	-24.54	169.44	-131.20	-58.76	64.94	29.96	29.21	4.78	-12.56	-63.39
MRPC1TOR25P5_COS		-751.02	-51.69	-0.71	-149.39	-264.70	178.08	-8.41	31.65	-29.65	-3.52	5.07	-5.28	-21.34	-6.27	0.68	8.68
MRPC1TOR25P5_SIN		0.00	151.42	-56.55	58.15	-158.75	-33.19	-71.58	-91.51	-4.94	4.32	19.56	16.98	-6.48	-3.88	1.85	1.12
MRPLK1LOAD_COS		-83.61	2.18	1.44	-18.96	-33.57	24.74	-0.62	5.83	-3.69	-0.85	-0.77	-1.36	-3.12	-1.32	0.70	1.62
MRPLK1LOAD_SIN		0.00	-8.09	-3.64	5.77	-19.24	-5.85	-9.29	-12.99	0.48	-0.02	4.10	2.98	-1.24	-0.72	0.44	0.29
PITCHRH_COS		11938.17	-8552.48	-536.71	-97.81	7.05	-3540.75	37.54	-196.34	8.48	-119.87	154.78	112.15	-19.16	-1.65	-17.02	-312.47
PITCHRH_SIN		0.00	2475.20	-676.12	54.77	-30.07	967.39	52.49	-52.15	-52.08	-68.01	-941.55	-69.44	20.61	35.28	47.51	51.27
ROLLRH_COS		2626.67	-2073.19	722.78	-39.96	37.30	1336.44	-97.18	142.38	8.41	76.95	126.66	-93.17	39.09	-124.64	-38.89	-270.12
ROLLRH_SIN		0.00	-8149.94	-556.33	129.03	-210.28	-4414.39	-108.11	35.63	-62.05	-74.37	35.50	82.73	-137.59	103.32	-84.36	-436.21
TORQ_COS		31023.72	443.96	8.68	-4.54	-135.55	363.68	-11.24	16.09	-55.54	4.95	43.10	3.45	-3.28	-1.67	-9.95	16.51
TORQ_SIN		0.00	725.96	-18.56	0.07	-77.61	7.65	-0.08	25.37	38.07	-3.39	-77.15	10.73	-5.30	4.32	-11.76	13.69
THRUST_COS		5780.68	-66.11	-0.75	15.52	25.87	148.10	2.72	11.22	-3.85	-5.46	-67.57	-3.20	5.21	-2.53	18.30	19.19
THRUST_SIN		0.00	-60.62	10.02	4.39	41.38	-140.61	11.03	5.73	-5.63	2.05	42.04	-16.17	-4.79	7.10	4.94	31.68

RUN	POINT	Harmonics															
49	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.01	22.22	-17.32	-13.56	-23.62	188.41	1.51	-0.33	3.15	-6.90	-10.37	5.04	-0.79	3.29	1.07	8.19
SIDERH_SIN		0.00	165.44	14.89	0.18	-1.65	400.10	7.17	-6.37	5.10	1.53	-3.17	-1.62	2.89	-2.82	2.31	12.41
DRAGRH_COS		-166.77	223.36	16.00	-4.85	-20.36	-481.89	-2.20	-16.57	-12.37	11.59	-22.30	-1.50	-2.50	0.56	2.03	16.64
DRAGRH_SIN		0.00	-60.90	17.00	-7.00	-3.61	-237.03	-35.45	-11.57	10.28	-6.06	29.22	-6.27	-1.78	0.21	-1.82	-5.55

RUN	POINT	Harmonics															
49	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	-0.67	0.00	0.00	0.02	-0.02	-0.02	0.03	0.02	-0.08	0.02	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.32	0.00	0.00	-0.01	0.01	0.03	0.00	0.01	0.00	0.02	-0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.16	1.42	0.08	-2.28	-17.03	-1.50	0.54	0.78	0.19	-0.58	0.63	0.61	-1.84	0.53	0.11	-0.07
ACT1FORCE_SIN		0.00	14.22	0.83	5.20	0.78	-3.88	-0.04	-0.11	0.45	0.57	0.24	0.16	-0.70	0.33	-0.18	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		359.87	-13.15	-5.12	13.68	23.85	16.05	-8.20	0.17	-0.07	0.03	0.11	0.06	-0.19	-0.10	0.11	-0.02
FA1IBVOLTAGE_SIN		0.00	-82.48	-7.16	-33.38	275.73	23.23	-0.75	-0.26	0.68	0.30	0.02	0.18	-0.61	0.03	-0.03	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		446.16	13.31	5.17	-13.75	-25.04	-16.18	8.19	-0.06	0.06	0.06	-0.17	-0.08	0.22	0.12	-0.08	0.03
FA1OBVOLTAGE_SIN		0.00	82.69	7.24	33.76	-276.35	-23.65	0.62	0.13	0.22	-0.14	-0.03	-0.17	0.58	-0.04	0.04	0.02
MRBLD1CB42P75_COS		-4212.67	-1168.89	-43.85	440.16	-203.86	-70.54	-25.84	-66.38	-35.07	22.97	111.05	14.42	33.28	-4.81	-55.89	-9.63
MRBLD1CB42P75_SIN		0.00	90.54	4.55	-78.14	-60.88	172.28	-19.62	36.44	-36.53	-23.86	-96.72	-3.25	-11.38	3.04	21.78	-26.33

RUN	POINT	Harmonics															
49	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2697.70	-722.08	187.84	368.09	-231.93	-74.62	-215.20	-45.69	-33.92	22.41	40.86	5.16	11.98	2.90	-40.99	2.31
MRBLD1CB70_SIN		0.00	85.28	-49.25	23.45	-122.76	138.55	-17.81	69.18	1.69	-25.75	-87.67	-7.89	-7.48	-2.43	9.05	-20.29
MRBLD1CB120_COS		-523.47	-322.98	316.90	317.91	-291.96	-27.38	-357.29	-19.94	0.35	20.48	-49.65	1.37	-17.17	6.71	1.72	4.62
MRBLD1CB120_SIN		0.00	170.25	-171.68	-63.63	-90.01	54.88	-49.65	45.30	1.71	-22.85	48.26	5.92	11.51	2.85	-7.07	-10.13
MRBLD1CB164_COS		-1969.15	-110.30	118.96	109.37	-217.34	5.15	-147.38	11.50	18.80	19.41	-28.01	2.68	-7.88	0.71	22.77	-7.72
MRBLD1CB164_SIN		0.00	90.76	-70.25	-13.96	-5.08	-30.41	-52.13	2.47	-10.82	-14.30	55.31	11.03	9.37	4.49	3.41	17.63
MRBLD1FB42P75_COS		3214.45	119.17	-335.50	719.61	-810.34	-32.22	-146.63	-168.86	-111.91	2.46	87.26	48.29	49.31	6.13	-36.73	-78.95
MRBLD1FB42P75_SIN		0.00	-26.71	33.20	-427.02	512.98	260.17	57.14	-10.04	-98.81	-146.38	-114.34	-26.89	-40.14	17.21	113.71	-34.29
MRBLD1FB70_COS		424.82	-9.87	-158.87	228.62	-274.29	-1.78	-23.47	-19.06	-6.72	1.88	0.26	-2.81	-5.22	-2.23	8.31	18.57
MRBLD1FB70_SIN		0.00	-203.01	39.39	-135.21	122.45	56.57	4.51	10.41	-2.65	-1.51	-0.88	4.41	5.69	-1.93	-23.15	6.92
MRBLD1FB87_COS		-78.49	22.50	-122.77	93.60	-152.23	-20.01	-2.27	18.54	18.85	4.14	-14.46	-8.26	-8.86	0.59	5.93	12.15
MRBLD1FB87_SIN		0.00	-208.11	61.97	-19.50	63.85	-1.23	-16.32	-0.44	10.26	22.70	30.19	7.96	12.31	-0.47	-22.91	6.68
MRBLD1FB120_COS		-497.62	37.72	-183.47	67.27	-6.38	-23.74	31.44	25.26	11.72	-5.47	-5.14	3.14	9.39	-1.07	-12.16	-19.48
MRBLD1FB120_SIN		0.00	-286.11	126.98	74.11	65.23	-67.53	-25.50	-17.55	3.55	3.00	-12.81	-10.72	-14.35	-0.52	34.09	-9.86
MRBLD1FB164_COS		-181.56	69.27	-286.69	70.34	542.29	81.40	-17.33	-48.90	-13.30	6.56	1.99	0.51	-9.14	2.56	10.08	10.16
MRBLD1FB164_SIN		0.00	-343.83	167.66	35.16	-227.08	-41.22	55.59	20.42	-5.83	0.32	20.47	10.81	10.49	-2.18	-18.86	5.53

RUN	POINT	Harmonics															
49	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-218.79	1.87	-163.22	7.58	369.47	79.15	-47.50	-44.01	31.27	20.67	-42.63	-9.15	2.71	0.88	-18.10	-23.71
MRBLD1FB180_SIN		0.00	-232.84	110.47	15.63	-199.94	-6.17	49.77	30.36	-7.71	7.77	55.47	18.42	8.41	-5.49	41.63	-7.56
MRBLD1TOR51_COS		-1398.36	61.18	-20.35	80.43	208.83	-58.86	59.77	-4.36	8.57	7.55	-1.26	-0.15	-9.65	1.44	-11.60	1.00
MRBLD1TOR51_SIN		0.00	-79.25	24.02	-85.39	-147.10	159.58	25.85	24.19	-2.87	-6.37	-2.01	1.69	2.40	-4.78	1.90	-7.99
MRBLD1TOR71_COS		-253.96	75.15	-26.80	41.69	227.79	-44.31	63.75	2.66	9.08	2.69	-3.90	-0.05	-10.20	4.47	-7.27	-1.10
MRBLD1TOR71_SIN		0.00	-79.93	15.24	-77.94	-146.08	137.31	32.65	26.25	3.83	-1.01	4.30	2.78	1.97	-2.80	-0.41	-3.81
MRBLD1TOR130_COS		-27.41	69.90	-8.74	-0.73	247.23	-22.64	46.65	1.14	2.56	7.34	13.78	5.81	1.21	2.52	-1.66	-4.49
MRBLD1TOR130_SIN		0.00	-64.20	7.94	-61.80	-153.48	113.14	34.06	20.01	-2.77	-4.90	6.77	5.05	4.23	4.81	-1.11	4.69
MRBLD1TOR164_COS		-216.97	36.18	39.82	-26.69	78.13	-19.03	16.03	6.90	8.18	2.81	0.95	3.63	7.08	2.84	-3.98	-4.02
MRBLD1TOR164_SIN		0.00	-19.23	-13.28	-44.77	-103.77	72.78	16.83	12.08	2.45	0.95	6.03	2.93	5.42	5.08	0.63	-1.86
MRFBM1CB26P5_COS		-4786.63	-464.92	-40.31	88.16	45.59	-0.28	45.83	-5.73	-1.82	1.03	17.27	1.89	4.49	-1.81	-6.15	-2.73
MRFBM1CB26P5_SIN		0.00	-6.63	17.93	-57.42	21.45	21.11	-7.82	-9.49	-14.46	-2.30	3.90	1.36	0.26	1.94	2.02	-5.33
MRFBM1FB9_COS		346.24	-185.25	137.99	-200.79	112.60	18.30	1.58	6.23	-0.15	-4.33	-6.02	-1.32	-1.98	0.60	3.17	-1.32
MRFBM1FB9_SIN		0.00	-59.61	-11.23	25.88	-14.11	-17.58	19.06	4.67	5.74	3.00	0.70	-0.52	-1.31	0.07	0.80	2.32
MRFBM1TOR26P5_COS		-353.23	77.56	-0.67	0.16	4.56	-0.39	1.36	-0.05	0.12	0.05	-0.63	-0.19	-0.08	-0.09	0.17	0.15
MRFBM1TOR26P5_SIN		0.00	-94.44	0.21	-0.15	-3.36	1.77	-0.07	0.22	0.37	0.33	-0.33	-0.06	-0.01	-0.14	0.09	-0.04

RUN	POINT	Harmonics															
49	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1213.99	-1078.47	-102.85	393.59	-156.93	-41.53	10.81	-55.90	-25.85	24.63	92.48	15.07	29.65	-4.71	-51.59	-10.85
MRPC1CB33P25_SIN		0.00	89.39	29.93	-151.30	25.15	143.41	-27.83	3.10	-48.33	-29.89	-58.68	0.86	-6.81	5.90	19.88	-30.32
MRPC1FB33P25_COS		2351.48	61.17	-293.99	665.52	-798.54	-98.66	-147.89	-124.98	-39.85	76.81	128.97	51.99	63.48	-8.68	-122.05	-15.65
MRPC1FB33P25_SIN		0.00	138.30	-36.08	-211.57	241.71	190.73	-3.73	-78.62	-128.79	-107.81	-36.39	10.53	9.28	18.55	38.06	-89.85
MRPC1TOR25P5_COS		-754.41	-54.43	-14.07	-59.62	-280.05	59.49	-80.56	-2.02	-13.66	-3.59	19.46	7.50	16.22	2.44	-7.89	-10.22
MRPC1TOR25P5_SIN		0.00	148.21	-76.63	116.18	155.74	-164.71	-27.58	-30.94	-6.42	-2.35	0.24	-0.58	-2.28	12.78	-1.76	0.00
MRPLK1LOAD_COS		-84.35	2.17	-0.35	-7.01	-34.23	7.33	-9.35	0.21	-1.02	-0.86	4.08	1.38	1.83	0.97	-1.37	-2.25
MRPLK1LOAD_SIN		0.00	-8.38	-5.78	13.69	20.25	-23.04	-3.76	-3.55	-1.28	-0.67	1.47	0.09	-0.18	2.30	-1.55	0.51
PITCHRH_COS		12700.84	-8561.60	-494.18	-27.90	-71.60	-1021.67	-115.57	-203.65	74.17	87.86	-290.00	-162.86	11.20	36.37	1.76	-607.66
PITCHRH_SIN		0.00	2500.93	-657.71	112.07	-130.96	3426.25	-101.22	101.88	142.43	66.12	-34.55	-60.64	2.08	45.85	-78.02	56.66
ROLLRH_COS		2683.97	-2146.74	721.52	34.71	-314.44	-3909.20	-202.30	32.02	68.02	-14.54	233.78	127.06	-141.62	170.55	-32.73	-654.19
ROLLRH_SIN		0.00	-8173.18	-527.08	103.41	-325.02	-3310.54	-112.87	-146.34	175.94	70.47	-1.25	-91.75	109.75	-137.70	-45.49	-401.39
TORQ_COS		30231.12	405.08	1.27	-1.05	-107.84	84.37	-6.65	-0.50	17.28	4.97	-59.39	5.18	8.73	-3.78	-3.79	37.18
TORQ_SIN		0.00	743.54	-24.00	19.25	-2.16	-158.38	2.56	22.11	31.09	-15.31	-13.10	4.36	-5.27	4.82	-5.77	-23.96
THRUST_COS		5874.96	-65.04	2.09	17.61	34.04	36.96	11.88	-1.24	-4.89	-4.54	35.89	-5.33	-5.70	5.81	-16.95	-5.19
THRUST_SIN		0.00	-54.73	9.83	3.83	21.23	-202.02	7.63	19.14	0.73	-1.45	54.11	11.85	2.86	3.81	-0.45	48.03

RUN	POINT	Harmonics															
49	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.09	34.54	-18.32	-10.73	32.95	508.76	13.42	-4.00	1.63	0.39	-7.50	-4.03	3.59	-4.98	0.82	20.27
SIDERH_SIN		0.00	163.61	15.09	4.62	-2.30	-22.66	14.35	-2.51	-10.27	-0.17	6.13	2.00	-2.31	4.18	1.23	11.02
DRAGRH_COS		-156.79	222.75	17.18	-8.99	-23.90	-438.96	-16.02	-13.94	12.01	-13.85	22.02	2.90	-0.05	-0.42	-2.05	24.61
DRAGRH_SIN		0.00	-61.65	16.43	-4.62	9.93	386.62	-26.71	10.18	9.34	-2.21	38.34	1.56	0.59	-1.82	3.09	-4.55

RUN	POINT	Harmonics															
49	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.09	0.00	0.00	0.02	-0.02	0.00	0.00	0.00	0.00	0.03	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.04	0.03	-0.02	0.01	0.11	0.00	-0.01	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.86	1.69	0.21	-1.14	-15.10	-3.15	0.97	0.80	0.06	-0.07	0.28	-0.01	-0.86	0.69	0.21	0.10
ACT1FORCE_SIN		0.00	14.13	0.45	4.35	7.83	-3.35	-0.60	0.08	0.25	0.74	-0.18	0.24	2.43	-0.09	-0.28	0.36
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.19	-15.01	-6.97	4.67	163.40	25.12	-10.22	0.18	0.63	0.17	-0.09	-0.07	-0.66	0.04	0.07	-0.03
FA1IBVOLTAGE_SIN		0.00	-82.91	-3.11	-28.18	235.08	16.93	5.86	-0.31	0.55	0.11	-0.12	0.15	0.41	0.29	-0.02	0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.12	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.06	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.86	15.21	7.02	-4.59	-164.84	-25.50	10.15	-0.13	0.22	0.04	0.01	0.06	0.60	-0.02	-0.06	0.05
FA1OBVOLTAGE_SIN		0.00	83.11	3.19	28.59	-235.03	-17.27	-5.99	0.16	-0.02	-0.06	0.20	-0.16	-0.44	-0.31	0.02	-0.11
MRBLD1CB42P75_COS		-4157.04	-1126.44	-45.72	367.30	-293.56	34.40	-53.07	-11.62	14.57	4.11	73.91	4.78	5.82	-5.61	-50.55	-8.01
MRBLD1CB42P75_SIN		0.00	29.94	37.57	-161.00	77.91	140.74	-33.11	-30.79	38.89	-24.97	-147.11	31.98	-23.04	-3.20	30.50	-19.04

RUN	POINT	Harmonics															
49	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2713.21	-693.09	195.73	317.37	-408.00	4.99	-242.39	5.86	30.28	-2.96	12.09	-1.88	0.47	-5.71	-39.48	0.65
MRBLD1CB70_SIN		0.00	28.80	-6.59	-71.54	57.81	119.02	74.25	11.68	58.23	-23.70	-94.25	19.93	-8.21	-12.18	18.81	-24.44
MRBLD1CB120_COS		-538.55	-300.46	320.57	275.14	-420.20	-7.62	-390.74	5.02	-11.62	5.08	-23.19	10.30	1.50	5.49	1.90	3.74
MRBLD1CB120_SIN		0.00	130.77	-132.03	-138.49	118.67	40.17	121.61	11.64	-23.58	-30.73	83.38	-10.66	21.03	5.49	-7.57	-10.75
MRBLD1CB164_COS		-1972.88	-104.37	114.44	88.90	-247.37	-17.79	-168.36	7.89	-16.60	20.37	-2.16	14.26	5.32	4.46	25.05	-6.08
MRBLD1CB164_SIN		0.00	81.33	-61.66	-42.75	109.51	-30.23	39.85	13.10	-53.02	-26.65	74.06	-9.41	16.26	9.68	-2.16	22.34
MRBLD1FB42P75_COS		3186.73	113.02	-348.16	495.00	-476.56	23.46	-153.32	-170.24	-113.35	-45.24	66.99	66.89	19.96	23.78	-15.80	-67.18
MRBLD1FB42P75_SIN		0.00	-2.55	9.79	-475.60	865.46	187.38	53.43	-126.15	-46.07	-139.88	-153.81	-16.48	-33.79	14.52	106.98	-18.76
MRBLD1FB70_COS		428.46	-12.70	-165.01	161.49	-183.92	14.83	-30.62	-17.55	-1.16	-0.72	-0.75	-1.35	-2.50	-4.55	5.75	15.49
MRBLD1FB70_SIN		0.00	-191.38	24.13	-158.57	242.65	33.91	4.62	-15.24	2.58	-0.99	-2.56	5.17	6.80	-0.99	-22.41	4.27
MRBLD1FB87_COS		-70.51	15.53	-131.33	64.99	-107.85	-19.23	-5.98	18.00	17.36	11.90	-8.29	-12.85	0.07	-3.21	0.09	9.59
MRBLD1FB87_SIN		0.00	-193.35	44.53	-34.75	118.92	-2.64	-12.30	8.87	1.68	21.05	37.71	3.21	10.88	1.02	-20.88	3.36
MRBLD1FB120_COS		-485.40	24.03	-186.50	39.84	1.93	-49.88	37.14	26.68	7.47	-1.51	-6.13	3.08	0.57	4.47	-3.33	-14.27
MRBLD1FB120_SIN		0.00	-271.08	101.83	59.82	49.98	-42.46	-25.03	20.02	-2.53	2.90	-9.95	-7.63	-14.97	-2.40	31.21	-5.25
MRBLD1FB164_COS		-173.82	60.14	-273.77	19.15	349.16	52.40	-16.53	-54.19	-10.50	2.74	6.31	1.33	1.68	-0.88	5.52	8.79
MRBLD1FB164_SIN		0.00	-332.01	148.85	49.74	-429.07	-37.78	45.17	-30.38	-4.63	0.49	20.07	3.47	11.75	0.06	-16.57	3.95

RUN	POINT	Harmonics															
49	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-215.62	-2.18	-155.68	-23.15	220.64	66.72	-51.12	-52.58	28.01	23.10	-22.42	-11.63	18.49	7.32	-8.43	-16.46
MRBLD1FB180_SIN		0.00	-226.88	104.06	34.07	-323.13	-20.93	48.74	-12.96	-17.76	0.44	71.50	2.90	0.14	-7.48	37.30	-3.38
MRBLD1TOR51_COS		-1399.23	61.46	-16.46	31.34	100.78	26.51	53.94	-3.77	5.55	2.99	-6.47	0.24	3.43	-0.36	-6.53	-0.50
MRBLD1TOR51_SIN		0.00	-77.45	28.03	-72.86	-226.69	156.52	-14.35	-2.88	2.33	-6.37	-4.61	-2.06	14.73	-1.49	4.44	-4.98
MRBLD1TOR71_COS		-253.22	75.01	-24.19	4.69	124.30	29.04	62.82	0.50	5.05	0.36	-7.94	-1.18	3.59	3.09	-5.04	-0.25
MRBLD1TOR71_SIN		0.00	-75.50	16.92	-60.59	-235.00	135.86	-5.75	5.53	6.37	-0.23	1.70	-2.85	12.64	-2.89	1.58	-1.88
MRBLD1TOR130_COS		-26.94	70.08	-6.33	-25.89	138.32	34.37	48.89	0.14	-1.60	2.59	13.17	2.00	4.54	2.76	-4.37	-0.74
MRBLD1TOR130_SIN		0.00	-61.24	11.09	-37.78	-247.92	108.56	5.90	-0.17	3.09	-5.42	-2.16	5.34	3.03	-0.69	-1.72	2.96
MRBLD1TOR164_COS		-216.92	38.03	39.65	-33.75	19.20	18.36	17.96	4.23	6.22	2.22	1.81	0.84	7.02	4.95	-6.22	-1.57
MRBLD1TOR164_SIN		0.00	-19.26	-7.33	-26.94	-127.17	64.74	6.75	4.31	2.47	0.55	3.33	1.89	-3.75	0.45	-0.22	-2.55
MRFBM1CB26P5_COS		-4753.69	-446.79	-45.76	74.39	57.14	16.54	41.69	-5.34	-7.81	1.86	17.45	2.89	2.79	0.52	-4.55	-2.65
MRFBM1CB26P5_SIN		0.00	-29.09	25.35	-61.59	-1.68	16.37	-33.84	-14.58	-8.71	-3.17	-7.93	1.82	-1.48	3.80	2.08	-2.08
MRFBM1FB9_COS		318.32	-174.47	140.15	-151.83	99.01	10.28	10.68	0.82	0.54	-2.59	-6.31	-0.37	-1.29	0.60	3.09	-0.79
MRFBM1FB9_SIN		0.00	-47.60	-6.36	57.85	-68.59	-14.74	22.90	9.24	2.85	3.85	2.14	-1.73	-0.12	-0.28	0.11	1.86
MRFBM1TOR26P5_COS		-353.32	77.37	-0.67	-0.04	2.23	0.80	0.75	-0.05	0.30	0.22	-0.64	-0.01	-0.13	-0.13	0.31	0.01
MRFBM1TOR26P5_SIN		0.00	-94.63	0.33	-0.14	-5.24	1.69	-0.73	0.19	0.25	0.20	0.22	-0.07	0.11	0.14	0.05	-0.01

RUN	POINT	Harmonics															
49	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1165.81	-1043.76	-105.12	319.85	-165.92	39.43	-13.80	-22.42	-5.53	8.73	70.35	13.90	8.96	-1.01	-45.35	-8.58
MRPC1CB33P25_SIN		0.00	39.02	56.20	-204.03	118.46	110.38	-57.46	-52.66	0.83	-35.25	-102.27	24.25	-16.20	4.27	26.49	-20.81
MRPC1FB33P25_COS		2328.20	54.83	-300.85	492.61	-607.76	-37.12	-148.62	-80.87	-60.69	38.25	136.22	58.61	38.44	3.61	-105.17	-21.29
MRPC1FB33P25_SIN		0.00	156.46	-57.42	-291.81	614.41	147.97	-1.72	-170.89	-85.12	-124.70	-76.74	30.89	-9.15	26.72	50.47	-71.13
MRPC1TOR25P5_COS		-753.71	-54.19	-20.91	-7.57	-165.12	-31.75	-71.92	-0.19	-8.59	-4.10	23.59	2.31	1.12	5.59	-15.90	-2.65
MRPC1TOR25P5_SIN		0.00	145.29	-82.13	95.28	268.04	-168.18	19.07	-8.13	-6.66	0.26	-7.91	5.93	-20.71	0.34	-2.67	-3.23
MRPLK1LOAD_COS		-83.83	2.13	-0.97	-0.25	-19.49	-5.53	-7.83	0.64	-1.11	-0.87	4.56	-0.02	0.58	1.44	-3.19	-0.41
MRPLK1LOAD_SIN		0.00	-8.44	-6.56	10.90	33.75	-22.54	2.18	0.09	-1.53	0.08	-1.30	0.71	-2.85	-0.79	-1.28	-0.08
PITCHRH_COS		12591.75	-8543.02	-476.22	14.79	-96.50	576.74	-169.12	-171.85	152.30	155.31	190.92	-168.50	-6.32	31.23	-108.81	-669.55
PITCHRH_SIN		0.00	2520.23	-654.53	86.39	-178.38	3662.12	-66.99	225.99	129.17	-16.84	227.60	106.26	-14.84	21.95	-113.67	303.98
ROLLRH_COS		2423.20	-2128.60	724.50	26.92	-406.65	-5641.90	-157.86	-72.32	144.98	86.33	307.73	23.93	2.06	-90.47	82.71	-519.14
ROLLRH_SIN		0.00	-8177.62	-536.56	77.74	-314.12	-1215.18	-204.96	-151.07	104.87	50.41	-89.96	-205.47	150.48	-264.18	0.17	-588.72
TORQ_COS		30868.63	422.66	-0.95	12.32	-37.29	-71.04	-3.93	8.71	23.88	-2.71	-48.17	-2.00	4.72	-4.64	-1.56	16.73
TORQ_SIN		0.00	742.85	-19.19	30.61	-19.27	-153.05	11.33	41.00	2.56	-13.19	41.52	3.57	-10.84	5.64	-7.78	-43.41
THRUST_COS		5785.62	-63.22	1.80	21.68	23.26	-40.28	10.39	20.26	-3.10	-9.90	21.83	6.54	1.26	-1.59	-0.66	1.44
THRUST_SIN		0.00	-57.22	11.45	5.04	20.63	-172.29	5.63	33.25	0.46	-1.65	15.55	18.84	15.72	-4.25	15.29	49.34

RUN	POINT	Harmonics															
49	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.96	29.21	-18.65	-8.30	44.46	491.67	11.25	-4.04	-4.95	-1.38	-6.67	-1.87	1.03	2.20	-2.59	15.23
SIDERH_SIN		0.00	162.82	15.52	3.44	-13.35	-284.82	15.42	0.73	-8.74	0.73	5.69	7.37	-3.75	7.79	-0.34	16.81
DRAGRH_COS		-156.01	222.55	15.98	-9.65	-15.96	-205.51	-25.64	-5.26	10.39	-12.21	31.70	5.71	-0.30	-1.69	4.79	30.37
DRAGRH_SIN		0.00	-62.18	14.63	-1.85	14.15	583.97	-20.34	8.82	-3.93	9.15	-0.67	-2.61	-0.72	0.05	7.08	-13.27

RUN	POINT	Harmonics															
49	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.82	0.00	0.00	0.02	0.02	0.00	-0.01	0.01	0.10	0.01	0.01	0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.01	0.05	0.02	-0.01	0.02	0.02	-0.01	0.02	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.16	1.53	-0.34	-0.79	-10.26	-4.44	0.93	0.67	0.24	0.32	0.23	0.20	2.41	0.28	0.27	0.50
ACT1FORCE_SIN		0.00	14.11	0.65	3.06	13.06	-1.90	-0.99	0.21	0.46	0.32	-0.33	0.48	1.26	-0.28	0.24	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.08	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		362.46	-14.71	-2.49	3.25	266.52	29.38	-7.65	0.18	0.87	0.20	0.04	0.07	0.23	0.11	-0.16	0.01
FA1IBVOLTAGE_SIN		0.00	-83.19	-1.64	-20.53	127.09	5.91	10.83	-0.31	-0.05	-0.10	0.07	0.11	0.74	0.11	0.06	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		443.56	14.95	2.55	-3.06	-267.80	-29.91	7.53	-0.16	0.08	-0.02	-0.01	-0.06	-0.28	-0.14	0.15	-0.02
FA1OBVOLTAGE_SIN		0.00	83.39	1.75	20.90	-126.34	-6.05	-10.98	0.16	-0.44	-0.03	0.05	-0.10	-0.69	-0.10	-0.08	-0.08
MRBLD1CB42P75_COS		-4120.01	-1465.96	1.37	262.96	-293.07	103.84	-76.59	9.44	90.60	-1.76	27.94	28.44	-27.45	-20.98	-41.42	-0.39
MRBLD1CB42P75_SIN		0.00	-199.20	41.27	-193.77	226.80	65.89	-36.63	-51.00	28.85	11.17	-170.39	52.24	7.95	-6.04	15.04	-20.84

RUN	POINT	Harmonics															
49	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2721.28	-911.00	252.08	233.32	-447.61	47.88	-218.80	26.80	106.67	-7.58	-14.76	22.06	-12.50	-17.82	-24.88	-2.97
MRBLD1CB70_SIN		0.00	-133.90	11.37	-136.08	279.19	55.90	156.59	-14.28	27.41	15.12	-100.45	31.55	10.63	-3.82	8.32	-20.43
MRBLD1CB120_COS		-545.68	-380.05	358.78	204.41	-413.28	-10.74	-338.51	30.10	-28.13	-8.90	18.78	-1.87	18.52	10.64	1.65	1.91
MRBLD1CB120_SIN		0.00	46.44	-105.32	-184.31	342.20	1.52	278.88	0.20	-29.39	-43.75	92.18	-23.65	4.51	10.40	-7.58	-11.65
MRBLD1CB164_COS		-1972.39	-121.32	115.18	57.57	-212.08	-44.24	-147.46	14.69	-61.06	7.73	35.05	-5.31	18.89	13.81	16.61	-1.70
MRBLD1CB164_SIN		0.00	61.94	-53.31	-62.24	214.31	-28.83	123.94	15.09	-45.85	-58.18	81.80	-19.83	1.73	6.39	1.89	18.81
MRBLD1FB42P75_COS		3175.78	216.84	-360.12	262.31	-64.79	65.14	-146.06	-124.32	-94.98	-95.51	67.51	68.64	12.51	9.15	-39.55	-58.92
MRBLD1FB42P75_SIN		0.00	61.44	-10.01	-380.04	994.77	73.70	57.28	-136.91	-26.58	-118.82	-206.85	-2.96	12.26	13.55	82.86	-28.75
MRBLD1FB70_COS		425.78	-9.01	-172.85	82.00	-62.20	23.19	-33.22	-9.15	3.77	-0.99	-2.51	0.65	-0.94	-3.05	9.44	13.99
MRBLD1FB70_SIN		0.00	-185.42	12.24	-136.85	297.87	1.97	9.38	-18.68	1.20	2.91	-1.61	4.68	4.04	-1.30	-17.40	6.28
MRBLD1FB87_COS		-70.21	17.94	-142.62	27.21	-49.10	-21.23	-9.03	13.48	13.21	19.49	-6.98	-14.67	2.75	0.67	5.23	7.69
MRBLD1FB87_SIN		0.00	-182.85	32.23	-29.73	144.61	-3.58	-7.72	8.77	-0.78	16.07	46.84	-1.20	-2.50	0.93	-15.52	5.27
MRBLD1FB120_COS		-481.00	17.14	-197.57	3.62	5.66	-65.05	35.56	13.45	-0.48	-1.70	-5.69	1.27	-3.63	0.19	-9.80	-11.87
MRBLD1FB120_SIN		0.00	-253.41	77.04	57.63	33.19	-7.69	-27.13	28.07	-2.17	0.73	-11.64	-4.22	-3.65	-1.72	22.62	-8.02
MRBLD1FB164_COS		-170.92	54.07	-263.70	-24.63	104.85	34.48	-8.99	-34.11	-5.72	4.95	6.62	2.22	5.90	1.10	8.20	7.01
MRBLD1FB164_SIN		0.00	-318.00	114.53	89.62	-507.58	-23.63	34.21	-37.25	-8.49	3.51	24.59	-0.97	0.96	1.85	-12.32	4.65

RUN	POINT	Harmonics															
49	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-213.05	-4.21	-150.81	-43.78	44.62	53.58	-45.41	-38.21	18.30	28.76	-14.23	-15.52	22.56	12.34	-13.82	-14.51
MRBLD1FB180_SIN		0.00	-218.86	83.32	64.86	-356.20	-27.64	46.48	-14.07	-27.58	-6.45	87.01	-3.68	-17.36	-3.90	30.45	-8.03
MRBLD1TOR51_COS		-1397.94	64.00	-7.43	-2.95	-32.92	96.56	37.73	0.63	10.96	0.79	-12.77	-0.96	17.92	2.87	-7.27	0.15
MRBLD1TOR51_SIN		0.00	-75.20	25.46	-34.52	-245.16	111.49	-42.85	-7.55	3.77	-4.68	-3.41	-4.52	2.70	3.74	3.02	-5.32
MRBLD1TOR71_COS		-251.19	81.28	-18.39	-17.31	-9.07	88.55	50.99	1.04	8.57	0.02	-14.58	-4.35	16.56	3.62	-3.75	0.43
MRBLD1TOR71_SIN		0.00	-71.23	14.23	-24.13	-262.51	99.37	-34.36	1.32	8.51	0.53	4.02	-5.47	-0.30	2.29	2.07	-3.29
MRBLD1TOR130_COS		-24.07	72.43	-0.14	-34.24	-0.92	78.02	43.73	-0.40	3.55	0.02	10.90	-1.48	1.67	-2.21	-0.05	-0.22
MRBLD1TOR130_SIN		0.00	-58.78	9.17	-2.57	-275.96	77.16	-16.77	-4.32	7.44	-4.71	-4.54	7.10	-0.66	-0.78	-0.63	1.06
MRBLD1TOR164_COS		-216.25	39.10	42.69	-28.94	-45.57	44.51	16.48	-0.08	5.79	2.18	0.09	-0.92	-1.72	0.70	-3.04	-1.44
MRBLD1TOR164_SIN		0.00	-20.13	-2.80	-6.82	-118.52	39.89	-2.28	2.31	2.72	0.17	3.14	2.34	-2.55	-1.04	-1.89	-3.49
MRFBM1CB26P5_COS		-4772.88	-610.51	-34.79	62.02	56.44	29.04	29.02	-6.13	-9.22	1.31	15.67	1.76	-0.30	0.75	-5.66	-0.35
MRFBM1CB26P5_SIN		0.00	-157.03	26.19	-55.09	-28.04	9.15	-53.20	-13.53	-2.02	-5.34	-13.42	2.87	-0.42	1.24	0.53	-2.81
MRFBM1FB9_COS		317.69	-26.65	128.94	-87.83	65.09	2.17	19.73	-2.22	-1.30	-0.72	-7.18	-0.41	0.70	0.74	2.45	-1.18
MRFBM1FB9_SIN		0.00	6.42	9.09	57.98	-104.04	-6.91	21.21	8.81	1.99	3.38	3.35	-2.62	-0.57	0.11	0.73	1.56
MRFBM1TOR26P5_COS		-354.02	81.87	-0.64	-0.10	-0.94	1.74	-0.08	0.18	0.32	0.23	-0.40	0.13	0.06	0.15	0.11	0.02
MRFBM1TOR26P5_SIN		0.00	-102.99	0.55	0.06	-5.82	1.03	-1.03	0.20	0.09	0.18	0.38	-0.08	0.11	0.11	0.00	0.06

RUN	POINT	Harmonics															
49	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1139.66	-1340.30	-66.02	225.60	-127.42	97.95	-47.56	-8.52	33.90	-2.82	45.62	26.64	-16.59	-11.69	-39.56	-0.81
MRPC1CB33P25_SIN		0.00	-139.44	53.29	-205.87	195.35	41.77	-72.09	-63.48	2.12	-18.91	-121.91	36.95	6.18	-0.19	12.75	-24.49
MRPC1FB33P25_COS		2321.51	147.10	-309.76	287.34	-296.73	24.22	-137.89	-42.66	-51.71	-8.07	165.99	52.23	-0.87	-7.24	-96.78	-8.02
MRPC1FB33P25_SIN		0.00	222.54	-74.88	-258.62	820.86	68.96	7.17	-159.54	-62.79	-133.70	-115.03	40.48	16.17	15.94	14.48	-69.24
MRPC1TOR25P5_COS		-752.35	-42.79	-41.37	25.17	-9.32	-110.21	-49.74	-7.33	-9.15	-3.21	25.17	1.63	-23.27	-8.65	-6.92	-2.07
MRPC1TOR25P5_SIN		0.00	138.72	-76.13	50.34	310.57	-124.83	52.75	-4.19	-7.01	2.31	-13.63	11.40	-5.45	-4.90	-3.16	-5.00
MRPLK1LOAD_COS		-84.96	1.61	-1.97	3.94	0.46	-15.80	-4.89	-0.21	-1.75	-0.55	4.00	-0.81	-2.93	-1.75	-0.76	-0.31
MRPLK1LOAD_SIN		0.00	-11.77	-6.04	4.89	38.38	-15.71	6.18	0.59	-0.93	0.01	-2.20	1.40	-1.42	-1.18	-0.65	-0.80
PITCHRH_COS		10042.62	-8550.71	-452.57	53.42	-175.22	1952.93	-263.09	-50.04	215.48	67.43	519.56	-151.32	-27.41	-32.76	-108.18	-391.68
PITCHRH_SIN		0.00	2473.84	-625.72	45.54	-152.36	3038.42	9.15	238.66	121.90	-72.52	-93.28	183.17	10.46	98.11	11.41	132.32
ROLLRH_COS		1467.53	-2126.19	704.53	-0.87	-560.46	-5892.60	-103.78	-122.38	195.35	70.55	323.48	-144.68	164.75	-233.14	85.46	-152.37
ROLLRH_SIN		0.00	-8183.94	-545.45	53.88	-170.69	1298.12	-208.88	-88.55	26.34	-10.19	-246.98	-222.00	52.46	-75.69	-73.87	-495.01
TORQ_COS		30690.77	377.74	-4.50	19.76	-14.10	-180.13	-4.93	23.66	11.15	-8.29	-22.04	-1.36	0.51	-2.98	-6.65	3.17
TORQ_SIN		0.00	706.80	-18.64	36.09	-45.90	-114.84	3.87	39.10	-19.18	-10.37	55.52	2.80	-9.08	4.98	-12.67	-38.84
THRUST_COS		5784.19	-67.78	2.94	25.92	18.28	-106.27	8.33	41.20	-4.51	-12.07	-30.48	23.83	13.13	-6.20	13.46	-1.88
THRUST_SIN		0.00	-56.50	12.87	5.98	20.24	-101.64	6.20	20.67	-1.99	2.35	18.07	-1.72	10.87	6.60	-2.18	38.60

RUN	POINT	Harmonics															
49	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-176.07	40.45	-18.24	-5.11	58.78	346.62	12.44	-1.64	-9.29	-0.54	-8.29	3.98	-4.60	6.54	-2.59	5.07
SIDERH_SIN		0.00	154.85	15.39	2.52	-37.98	-489.58	21.16	3.53	-2.85	1.11	5.36	9.98	-2.17	2.92	1.90	14.35
DRAGRH_COS		-181.14	220.63	14.47	-9.02	-9.09	92.62	-18.53	0.86	-0.75	2.39	14.50	11.14	-0.54	1.46	6.09	20.81
DRAGRH_SIN		0.00	-61.06	11.97	2.12	14.61	649.83	-15.68	-3.15	-8.24	8.36	-26.92	-9.55	0.01	-1.51	-0.41	-6.59

RUN	POINT	Harmonics															
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.10	0.00	0.06	0.00	0.03	0.00	0.03	0.02	0.03	-0.01	-0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.06	0.00	0.04	-0.01	0.00	-0.01	-0.01	0.01	0.09
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-26.96	1.34	1.08	-2.23	0.05	-14.86	0.25	1.42	-0.04	0.06	0.46	0.60	0.57	0.80	-0.18	-1.55
ACT1FORCE_SIN		0.00	13.75	1.87	2.00	4.33	6.57	-3.58	1.61	0.30	0.76	-0.04	0.15	-0.19	-0.30	0.04	2.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.16	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		363.22	-14.24	-10.85	8.02	-4.96	162.37	2.40	0.29	0.09	0.20	0.62	0.07	0.11	0.03	0.10	-1.05
FA1IBVOLTAGE_SIN		0.00	-78.27	-14.63	-10.17	-24.59	242.11	25.58	-0.29	-0.09	0.01	0.50	0.23	0.10	0.11	0.01	-0.28
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.16	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		443.14	14.43	10.95	-8.02	5.04	-163.67	-2.73	-0.37	-0.05	-0.23	0.50	0.01	-0.11	-0.06	-0.12	0.99
FA1OBVOLTAGE_SIN		0.00	78.49	14.74	10.28	25.06	-242.34	-26.13	0.13	-0.01	-0.13	0.24	-0.01	-0.10	-0.12	-0.01	0.24
MRBLD1CB42P75_COS		-4191.72	-1088.23	15.63	96.48	-137.39	167.70	-20.49	-38.54	-24.59	137.24	55.30	-6.70	-46.52	-14.93	-24.48	1.98
MRBLD1CB42P75_SIN		0.00	-362.97	-70.85	71.15	425.68	-260.35	119.91	-213.68	-84.10	37.52	-71.55	57.71	-8.67	10.52	31.18	-27.39

RUN	POINT	Harmonics															
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2797.48	-688.32	353.36	-21.93	-197.05	150.78	20.87	-8.53	-45.80	136.18	-48.00	8.76	-24.08	-1.08	-18.32	-0.45
MRBLD1CB70_SIN		0.00	-194.54	-65.29	90.91	759.85	-150.82	329.69	-185.29	-96.86	36.55	-65.01	28.53	-7.03	9.90	23.70	-28.14
MRBLD1CB120_COS		-490.20	-298.80	495.66	-6.83	-20.75	84.94	72.32	-8.12	-54.72	-80.45	-24.19	11.02	29.91	14.28	-3.26	-0.91
MRBLD1CB120_SIN		0.00	3.77	-110.45	32.24	762.43	-97.32	479.63	-96.95	-20.84	-35.15	10.77	-10.43	14.97	1.63	-5.80	-4.92
MRBLD1CB164_COS		-1949.74	-104.75	145.93	-20.96	-5.38	-36.98	27.84	14.25	-31.31	-113.30	41.19	-1.57	11.11	2.66	15.47	-8.27
MRBLD1CB164_SIN		0.00	37.92	-42.54	32.84	331.48	31.58	199.60	16.29	13.58	-62.06	24.65	2.86	13.48	-1.73	-11.93	24.12
MRBLD1FB42P75_COS		3199.66	144.99	-503.77	287.45	676.88	-138.16	140.04	-367.23	-85.74	-103.99	134.29	44.40	28.37	21.04	11.05	-52.06
MRBLD1FB42P75_SIN		0.00	58.47	-56.84	385.00	248.94	-549.06	138.82	-233.94	-13.41	-42.74	-213.84	82.01	10.35	8.77	67.91	-20.12
MRBLD1FB70_COS		406.33	9.86	-238.27	74.97	171.20	-30.62	34.51	-49.47	-5.21	1.85	-1.33	2.23	-2.64	-4.35	-2.26	10.63
MRBLD1FB70_SIN		0.00	-204.67	-3.90	104.71	102.31	-161.01	42.33	-39.95	3.36	2.97	1.35	0.87	3.93	0.56	-15.45	4.28
MRBLD1FB87_COS		-72.85	33.08	-201.59	17.58	42.62	-42.02	-15.32	32.60	17.61	18.12	-23.44	-7.09	-1.83	-3.64	-4.96	6.30
MRBLD1FB87_SIN		0.00	-190.19	20.63	85.82	55.62	-17.40	-8.19	20.37	-3.41	5.88	45.69	-19.82	-2.48	-0.87	-12.39	3.93
MRBLD1FB120_COS		-457.34	22.15	-288.49	-11.04	-49.47	-30.37	-43.06	77.22	-1.56	-2.10	3.49	-5.36	2.51	6.58	5.30	-8.96
MRBLD1FB120_SIN		0.00	-213.97	41.07	166.97	24.84	161.46	-65.28	53.68	-2.16	-8.90	-12.74	9.21	-4.50	-1.95	15.62	-9.47
MRBLD1FB164_COS		-183.97	45.65	-347.75	-9.95	-201.47	67.67	82.89	-105.53	-4.86	11.61	-12.89	3.36	4.01	-2.00	2.83	10.80
MRBLD1FB164_SIN		0.00	-265.97	38.31	249.62	-120.47	56.02	29.63	-83.00	-8.24	2.26	30.46	-16.84	-0.52	3.00	-7.73	5.94

RUN	POINT	Harmonics															
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.11	4.63	-182.94	-9.03	-113.27	27.53	73.22	-96.57	7.01	21.80	-49.55	-17.08	10.53	17.46	2.42	-19.71
MRBLD1FB180_SIN		0.00	-187.35	33.40	121.71	-82.67	-54.45	48.18	-73.17	-18.42	-29.07	72.53	-20.34	-4.29	-7.58	15.47	-9.67
MRBLD1TOR51_COS		-1411.75	69.57	-35.37	24.07	-19.59	350.17	-58.17	-28.52	-1.13	11.65	-11.75	4.29	4.90	8.93	0.99	-15.64
MRBLD1TOR51_SIN		0.00	-78.39	-5.56	51.19	-31.01	-349.35	-13.04	-33.46	3.06	-8.27	-2.53	-11.27	-1.40	0.42	7.75	6.55
MRBLD1TOR71_COS		-268.74	83.53	-43.53	19.88	-25.90	320.12	-45.48	-18.46	1.34	4.77	-12.65	2.09	4.47	7.10	1.30	-9.03
MRBLD1TOR71_SIN		0.00	-75.20	-7.43	25.03	-59.71	-297.91	-23.22	-7.77	9.17	-7.21	3.69	-12.04	-1.35	0.23	4.81	4.57
MRBLD1TOR130_COS		-25.09	69.39	-16.08	12.98	-45.30	253.69	-15.82	-20.04	-0.15	-2.72	17.18	-5.02	-2.60	-2.45	-3.17	7.00
MRBLD1TOR130_SIN		0.00	-62.38	-7.71	8.88	-63.71	-253.54	-13.64	-14.07	7.35	-9.32	3.52	7.30	2.64	0.42	-2.69	-4.26
MRBLD1TOR164_COS		-221.89	36.45	49.66	8.58	-5.45	135.98	-2.38	-10.45	3.19	3.63	2.29	-3.87	0.27	-1.00	-4.53	13.65
MRBLD1TOR164_SIN		0.00	-27.74	-2.61	-32.59	-8.53	-197.58	1.20	2.28	1.80	-7.96	7.50	3.31	2.28	2.66	-2.22	-12.84
MRFBM1CB26P5_COS		-4766.62	-418.95	-49.46	73.92	-0.79	33.75	-12.94	-9.39	2.79	-6.01	32.42	-3.21	0.07	-1.44	-2.25	-0.04
MRFBM1CB26P5_SIN		0.00	-214.84	-6.74	-18.79	-87.88	-41.22	-48.32	-12.38	1.37	-2.51	0.33	5.35	1.71	0.38	1.29	-1.01
MRFBM1FB9_COS		275.48	-126.26	199.31	-19.86	-45.37	-10.23	17.26	2.34	1.41	-2.65	-6.49	1.55	0.52	0.57	1.88	-1.12
MRFBM1FB9_SIN		0.00	63.59	66.74	-125.74	-72.17	49.68	-11.29	25.20	5.81	0.32	0.97	-2.74	-0.53	-0.50	-0.78	1.84
MRFBM1TOR26P5_COS		-358.40	83.15	-0.56	0.07	-2.45	4.30	-3.08	0.18	-0.03	0.58	-1.01	0.33	0.04	0.11	0.13	-0.28
MRFBM1TOR26P5_SIN		0.00	-90.89	0.23	0.29	-0.02	-3.68	0.30	-0.26	0.20	0.55	-0.04	-0.05	0.06	-0.02	-0.01	0.25

RUN	POINT	Harmonics															
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1057.73	-993.28	-85.24	153.07	-13.20	121.58	-21.67	-62.52	-13.79	61.61	90.02	-7.78	-25.34	-8.03	-22.68	0.65
MRPC1CB33P25_SIN		0.00	-321.48	-53.08	41.32	172.09	-260.86	59.23	-172.71	-46.10	-0.27	-57.18	49.68	0.62	10.22	26.37	-24.22
MRPC1FB33P25_COS		2246.07	73.05	-411.14	166.18	490.96	23.12	78.31	-188.84	-59.46	-48.96	215.39	-21.90	10.50	5.18	-57.14	-8.78
MRPC1FB33P25_SIN		0.00	209.32	-126.78	371.24	385.67	-469.38	161.78	-334.14	-54.92	-81.24	-78.14	86.01	26.00	22.45	49.73	-61.10
MRPC1TOR25P5_COS		-770.82	-54.93	3.40	-23.66	29.29	-397.20	72.30	19.05	-3.47	-8.73	32.15	-11.12	-12.29	-10.86	-12.89	26.44
MRPC1TOR25P5_SIN		0.00	144.38	-46.35	-29.67	83.13	353.79	23.27	18.68	-13.09	2.63	0.26	20.84	1.25	1.69	-4.42	-24.71
MRPLK1LOAD_COS		-84.78	3.92	2.43	-2.27	2.45	-52.09	11.41	3.70	0.47	-2.87	7.07	-2.40	-1.64	-1.74	-1.89	4.70
MRPLK1LOAD_SIN		0.00	-9.81	-1.92	-6.14	7.73	50.72	1.00	4.09	-1.15	-1.29	0.48	2.52	-0.50	0.23	-0.88	-4.34
PITCHRH_COS		10928.03	-8803.32	-463.61	88.01	-199.67	2599.44	-162.74	99.45	106.60	44.07	-532.78	6.58	22.33	-12.55	-18.42	-398.86
PITCHRH_SIN		0.00	2039.02	-717.86	70.95	132.96	52.88	64.48	204.88	-82.82	-7.61	-192.40	-12.49	-26.86	28.44	-30.67	-94.64
ROLLRH_COS		-155.53	-1658.46	834.06	-62.71	-434.04	-1015.59	90.06	-121.80	102.89	-33.42	235.32	-35.26	-73.35	-5.53	-105.14	-546.80
ROLLRH_SIN		0.00	-8393.32	-573.24	3.48	349.32	3984.96	-249.55	-58.04	12.92	-28.55	81.48	81.57	-76.07	67.00	-97.81	-369.46
TORQ_COS		30929.78	427.14	-18.83	14.64	69.33	-291.78	-0.03	-3.30	-16.12	-7.03	-93.98	2.75	-4.81	-0.25	-3.42	-5.40
TORQ_SIN		0.00	697.34	-22.24	32.51	-77.77	109.17	2.09	17.06	-17.10	-13.71	0.98	-0.25	-6.80	7.62	-18.25	8.78
THRUST_COS		5683.93	-68.66	9.89	25.55	-11.18	-97.52	-10.59	19.60	-5.22	-3.42	2.80	1.41	-13.03	5.52	10.51	18.49
THRUST_SIN		0.00	-59.87	8.27	5.11	21.65	288.51	3.58	-0.79	1.27	-0.69	45.69	-10.65	-3.31	-5.84	4.28	8.67

RUN	POINT	Harmonics															
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.07	26.46	-17.87	4.84	12.83	-218.36	2.99	1.72	-1.76	1.53	-17.30	3.31	1.73	0.28	2.81	15.31
SIDERH_SIN		0.00	178.48	15.19	-2.14	-110.77	-386.59	15.22	5.71	1.40	2.49	-5.79	-2.58	2.15	-2.48	2.93	9.48
DRAGRH_COS		-129.26	229.62	14.00	-3.27	-1.20	644.53	-0.29	-0.38	-3.78	-5.18	-11.58	0.18	-1.36	0.93	1.73	19.13
DRAGRH_SIN		0.00	-53.84	11.65	5.39	6.29	262.26	10.17	-4.81	5.99	-0.59	7.02	-10.19	1.86	-2.84	1.61	-1.27

RUN	POINT	Harmonics															
44	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.49	0.00	0.08	-0.01	0.03	-0.01	0.03	0.02	0.02	-0.01	0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.41	0.00	0.04	0.00	0.01	-0.01	0.00	-0.01	-0.01	0.01	0.08
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-27.64	1.31	1.07	-2.19	0.71	-12.40	-0.80	1.95	-0.20	0.17	0.35	0.69	0.65	0.40	-0.18	0.44
ACT1FORCE_SIN		0.00	13.65	1.79	1.53	3.40	10.04	-3.51	1.15	0.29	0.37	-0.09	0.16	-0.25	-0.51	0.15	2.57
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.14	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		364.08	-14.49	-11.10	8.04	-8.37	219.36	8.60	0.17	0.12	0.04	0.69	0.24	0.06	0.03	0.04	-0.90
FA1IBVOLTAGE_SIN		0.00	-77.14	-13.93	-6.46	-18.42	192.86	24.00	-0.31	-0.02	-0.08	0.02	0.14	0.11	0.05	-0.09	0.51
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.14	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.20	14.66	11.18	-8.04	8.55	-220.68	-9.04	-0.30	-0.08	-0.09	0.68	-0.06	-0.05	-0.05	-0.02	0.83
FA1OBVOLTAGE_SIN		0.00	77.38	14.01	6.59	18.85	-192.76	-24.46	0.18	-0.06	0.02	0.07	0.01	-0.09	-0.04	0.09	-0.50
MRBLD1CB42P75_COS		-4222.08	-1162.06	25.41	86.67	-85.55	80.77	23.07	-127.81	-54.30	125.14	25.31	-15.44	-51.37	-10.77	-33.99	-7.68
MRBLD1CB42P75_SIN		0.00	-330.85	-77.25	133.51	410.25	-312.13	122.10	-208.00	-70.31	-17.27	-78.60	30.16	4.66	11.78	33.79	-35.75

RUN	POINT	Harmonics															
44	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2791.06	-735.36	360.65	-35.31	-90.13	86.56	88.01	-92.32	-80.66	121.01	-63.14	-0.92	-27.45	2.00	-25.11	-9.46
MRBLD1CB70_SIN		0.00	-164.19	-81.93	152.72	755.61	-191.97	294.17	-179.41	-73.94	-18.10	-32.20	10.33	-0.40	11.73	27.81	-28.81
MRBLD1CB120_COS		-485.68	-317.51	511.46	-14.39	76.30	45.66	160.06	-63.33	-60.30	-81.70	-27.38	15.92	32.43	12.70	-4.09	5.12
MRBLD1CB120_SIN		0.00	19.31	-130.57	82.71	723.20	-108.63	411.13	-82.15	-9.64	-8.47	32.26	2.63	6.89	0.69	-6.94	-5.24
MRBLD1CB164_COS		-1950.40	-107.33	153.82	-23.90	35.22	-30.89	60.04	17.55	-22.57	-111.55	34.10	6.85	9.27	0.69	19.04	-1.21
MRBLD1CB164_SIN		0.00	43.01	-46.39	48.79	305.33	44.92	167.46	18.75	16.04	-18.71	13.24	13.42	16.53	-3.13	-17.59	24.42
MRBLD1FB42P75_COS		3216.58	162.65	-501.51	337.30	590.41	-285.56	194.89	-488.80	-84.48	-100.16	62.81	38.89	19.16	19.75	4.02	-63.96
MRBLD1FB42P75_SIN		0.00	39.22	-44.19	470.19	35.85	-487.28	82.16	-123.47	-14.98	-22.15	-203.73	71.44	5.61	12.50	97.50	-35.68
MRBLD1FB70_COS		405.42	13.78	-236.41	88.14	156.08	-71.03	49.38	-72.94	-5.94	0.78	-2.10	1.05	-1.66	-3.77	-0.34	14.02
MRBLD1FB70_SIN		0.00	-213.01	3.00	131.61	39.00	-147.43	29.80	-21.08	3.98	2.13	2.46	0.43	4.14	-0.15	-19.94	8.37
MRBLD1FB87_COS		-76.81	37.10	-200.97	22.93	38.86	-45.46	-17.27	44.98	17.64	19.75	-8.03	-4.62	-0.77	-4.75	-4.43	7.69
MRBLD1FB87_SIN		0.00	-197.38	27.27	97.65	30.06	-11.72	-6.02	11.47	-3.40	4.22	44.18	-15.58	-0.91	-1.23	-19.65	6.08
MRBLD1FB120_COS		-462.80	24.69	-299.52	-3.51	-44.44	12.68	-63.93	109.75	1.17	-3.41	0.24	-4.95	1.20	8.52	4.97	-11.13
MRBLD1FB120_SIN		0.00	-216.04	49.12	171.24	34.53	161.68	-48.82	24.68	-1.13	-9.08	-15.18	7.66	-4.57	-0.72	27.04	-12.23
MRBLD1FB164_COS		-179.64	48.29	-367.34	13.01	-192.77	87.63	93.66	-150.83	-8.04	10.79	-6.25	1.36	5.14	-2.36	1.66	11.47
MRBLD1FB164_SIN		0.00	-263.53	38.65	267.80	-20.90	39.23	7.64	-45.50	-6.43	1.89	32.44	-14.20	-1.05	3.39	-13.43	6.66

RUN	POINT	Harmonics															
44	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-206.03	5.21	-196.98	6.87	-104.60	18.58	90.35	-137.18	7.77	22.55	-25.10	-9.39	9.11	16.14	2.89	-19.05
MRBLD1FB180_SIN		0.00	-185.43	32.46	134.49	-17.39	-55.60	21.12	-37.87	-14.67	-29.70	68.55	-11.76	1.10	-4.48	27.93	-15.59
MRBLD1TOR51_COS		-1411.45	70.84	-36.21	27.86	-36.61	239.08	-46.02	-54.18	-4.10	10.11	-10.29	3.45	4.06	6.20	-2.09	-1.91
MRBLD1TOR51_SIN		0.00	-77.42	-4.58	66.99	-29.83	-432.93	10.86	-18.16	8.09	-11.15	0.14	-9.07	-0.23	0.33	8.56	10.40
MRBLD1TOR71_COS		-268.34	85.50	-43.64	22.71	-42.89	224.13	-39.96	-34.17	-1.09	3.97	-10.43	2.34	4.58	5.32	0.19	0.71
MRBLD1TOR71_SIN		0.00	-76.05	-5.90	34.52	-52.00	-374.96	-0.80	4.49	12.93	-7.74	4.50	-7.95	-0.82	0.68	3.91	6.74
MRBLD1TOR130_COS		-24.52	70.33	-15.88	14.27	-58.75	172.11	-12.15	-35.16	-1.88	-4.53	11.36	-4.17	-1.58	-1.98	-1.60	1.44
MRBLD1TOR130_SIN		0.00	-61.76	-6.90	13.33	-45.65	-315.12	-0.67	-3.26	10.18	-7.31	-2.10	8.53	2.60	1.31	-5.32	-7.27
MRBLD1TOR164_COS		-222.76	36.53	51.93	7.59	-10.55	74.74	-0.34	-14.64	2.95	3.15	2.05	-2.78	-0.03	0.65	-4.25	3.51
MRBLD1TOR164_SIN		0.00	-26.71	-2.48	-34.29	-10.62	-229.83	4.77	7.64	3.48	-5.89	5.14	5.60	2.02	3.53	-1.75	-18.57
MRFBM1CB26P5_COS		-4786.76	-453.65	-45.17	72.28	-17.20	23.90	-16.95	-11.56	4.32	-4.58	29.33	-2.32	0.40	-1.68	-3.78	1.63
MRFBM1CB26P5_SIN		0.00	-205.66	-5.82	-10.38	-85.27	-53.06	-38.44	-12.29	-0.54	-0.68	-11.56	4.92	1.22	0.56	1.29	-3.29
MRFBM1FB9_COS		298.16	-117.16	200.20	-23.44	-47.61	3.58	10.05	12.14	2.33	-2.54	-4.79	1.28	0.74	0.57	2.77	-1.28
MRFBM1FB9_SIN		0.00	48.65	62.19	-152.76	-46.94	51.47	-13.97	25.90	5.54	1.41	1.85	-1.91	-0.34	-0.59	-0.59	2.27
MRFBM1TOR26P5_COS		-358.26	83.11	-0.56	0.15	-2.24	3.10	-2.59	0.02	0.01	0.63	-0.75	0.27	-0.01	0.06	0.05	-0.13
MRFBM1TOR26P5_SIN		0.00	-90.95	0.20	0.37	0.30	-4.47	0.90	-0.22	0.17	0.31	0.32	-0.22	0.11	-0.04	0.12	0.34

RUN	POINT	Harmonics															
44	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1080.24	-1057.59	-75.98	150.54	-8.31	41.81	13.87	-132.17	-26.54	53.32	59.40	-11.63	-27.35	-6.03	-32.21	-3.47
MRPC1CB33P25_SIN		0.00	-292.46	-55.49	91.60	142.35	-295.50	65.88	-160.71	-42.72	-24.92	-75.40	32.69	7.79	10.30	29.51	-34.01
MRPC1FB33P25_COS		2260.89	89.55	-410.69	191.64	473.46	-109.49	142.26	-328.21	-60.15	-56.51	158.29	-19.55	7.89	2.32	-86.26	-4.39
MRPC1FB33P25_SIN		0.00	194.09	-114.96	449.85	190.69	-455.83	130.52	-297.04	-53.61	-66.91	-110.02	74.08	16.26	24.21	61.74	-81.53
MRPC1TOR25P5_COS		-773.39	-55.15	5.11	-29.14	53.46	-283.36	59.90	40.38	-3.31	-9.17	23.61	-9.50	-9.93	-6.46	-10.23	4.74
MRPC1TOR25P5_SIN		0.00	142.13	-44.77	-43.65	74.90	447.86	-4.61	3.55	-16.64	5.35	-7.32	19.12	0.11	2.54	-8.02	-35.40
MRPLK1LOAD_COS		-85.23	3.62	2.63	-3.28	5.54	-35.96	9.07	6.99	0.57	-2.85	5.05	-1.76	-1.33	-0.97	-0.86	1.29
MRPLK1LOAD_SIN		0.00	-10.24	-1.92	-8.04	7.22	62.84	-2.93	1.85	-1.94	0.02	-1.82	2.97	-0.68	0.37	-2.21	-5.99
PITCHRH_COS		10722.73	-8794.31	-472.80	87.69	-123.32	2231.57	-80.61	133.25	-24.70	59.83	-509.70	-10.20	-1.80	-32.17	-58.52	-411.86
PITCHRH_SIN		0.00	2071.00	-719.92	48.32	150.08	-725.96	-10.94	179.71	-117.37	10.08	-16.22	-38.09	-23.13	59.74	-48.35	22.33
ROLLRH_COS		102.97	-1671.09	864.37	-53.16	-341.00	30.25	161.22	-147.62	119.18	-63.19	256.76	8.93	-67.70	62.35	-147.02	-555.02
ROLLRH_SIN		0.00	-8383.15	-580.26	11.85	347.93	3342.86	-303.65	-67.22	-7.72	2.80	77.30	47.09	-46.64	85.06	-100.93	-467.76
TORQ_COS		30632.84	414.68	-10.51	18.33	70.09	-235.19	1.45	-11.83	-20.16	-12.29	-81.56	0.84	-2.77	1.40	-8.34	7.27
TORQ_SIN		0.00	680.56	-27.79	28.62	-118.16	216.67	1.94	24.25	-14.59	-11.05	45.96	-0.01	-8.55	7.36	-14.01	24.41
THRUST_COS		5753.33	-68.29	9.27	24.30	-14.43	-6.09	-11.92	15.26	-1.17	-3.98	-4.74	3.20	-11.69	-0.31	8.11	11.47
THRUST_SIN		0.00	-58.61	9.65	3.57	29.01	289.77	6.51	1.06	2.49	-2.40	25.99	-8.08	0.71	-3.51	-6.50	12.24

RUN	POINT	Harmonics															
44	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.01	27.95	-18.00	2.92	5.55	-259.78	1.10	3.03	-1.18	3.26	-16.63	1.41	1.64	-1.87	4.45	15.37
SIDERH_SIN		0.00	177.62	14.54	-4.48	-104.32	-288.49	11.67	7.14	1.96	1.22	-1.91	-1.79	1.32	-2.93	2.93	12.29
DRAGRH_COS		-129.85	229.42	13.40	-2.37	-1.56	621.89	1.47	2.55	-0.41	-4.93	-5.57	-2.29	1.12	1.17	2.53	15.92
DRAGRH_SIN		0.00	-54.13	12.61	4.57	1.81	120.83	10.16	-6.61	6.81	0.35	13.39	-5.83	2.79	-3.61	0.70	-5.22

RUN	POINT	Harmonics															
44	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	-0.29	0.00	0.04	0.01	0.02	0.00	0.02	0.01	0.03	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.07	0.00	0.06	-0.02	0.01	0.00	0.00	0.01	0.04
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.16	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.05	1.34	0.40	-2.28	-1.47	-16.33	1.12	0.82	0.26	0.00	0.40	0.36	0.27	0.73	-0.18	-2.53
ACT1FORCE_SIN		0.00	13.99	1.90	2.20	4.75	2.68	-3.34	1.74	0.29	0.79	0.02	0.32	0.02	0.09	-0.07	0.52
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.17	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	-0.03	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		364.38	-14.34	-7.13	9.12	4.02	95.46	-4.01	0.34	0.18	0.21	0.23	-0.01	0.02	-0.02	0.00	-0.57
FA1IBVOLTAGE_SIN		0.00	-79.76	-14.29	-13.10	-28.70	274.55	24.92	-0.29	-0.13	0.18	0.70	0.21	0.11	0.14	0.16	-0.88
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.17	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		442.09	14.55	7.21	-9.12	-4.03	-97.24	3.79	-0.36	-0.11	-0.14	0.39	-0.03	-0.02	0.01	0.00	0.56
FA1OBVOLTAGE_SIN		0.00	80.00	14.41	13.24	29.21	-274.88	-25.55	0.14	0.02	-0.33	0.49	0.04	-0.10	-0.16	-0.15	0.81
MRBLD1CB42P75_COS		-4242.33	-1075.17	38.64	109.66	-186.15	229.66	-51.74	66.51	-1.93	112.03	42.97	-7.55	-31.72	-20.80	-29.24	8.31
MRBLD1CB42P75_SIN		0.00	-166.13	-48.26	-16.41	400.82	-188.99	108.03	-168.79	-68.45	91.14	-76.68	70.79	-16.83	8.75	33.35	-25.14

RUN	POINT	Harmonics															
44	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2776.39	-681.51	377.12	2.48	-303.23	191.43	-54.81	81.40	-13.84	113.45	-35.61	10.22	-17.90	-7.56	-21.92	6.87
MRBLD1CB70_SIN		0.00	-73.07	-37.55	6.64	705.38	-83.08	337.57	-154.90	-89.15	92.01	-90.08	39.45	-9.96	10.86	24.26	-29.09
MRBLD1CB120_COS		-490.23	-296.60	513.59	12.35	-132.77	115.67	-36.62	45.19	-48.92	-72.38	1.38	9.10	20.16	15.91	-3.25	-3.60
MRBLD1CB120_SIN		0.00	64.88	-88.92	-45.04	741.18	-53.73	499.55	-101.07	-33.58	-67.98	6.60	-16.18	20.00	1.74	-3.23	-9.02
MRBLD1CB164_COS		-1952.89	-105.74	149.80	-16.88	-62.40	-42.24	-18.30	4.85	-37.54	-96.36	48.04	-7.33	13.81	5.28	15.46	-14.76
MRBLD1CB164_SIN		0.00	55.07	-38.98	0.59	330.24	28.11	207.77	0.29	-1.66	-110.23	39.30	-5.19	10.73	-4.29	-10.57	22.96
MRBLD1FB42P75_COS		3218.99	134.58	-487.85	206.15	661.48	15.44	90.86	-179.47	-114.14	-131.79	136.56	41.35	30.27	23.45	19.91	-62.07
MRBLD1FB42P75_SIN		0.00	12.60	-74.53	216.49	416.43	-546.92	162.20	-278.64	5.69	-58.08	-186.85	88.06	18.74	10.21	74.99	-23.03
MRBLD1FB70_COS		406.34	6.52	-234.41	51.41	156.37	9.53	20.58	-14.27	-6.60	1.20	-0.49	3.08	-2.76	-5.07	-4.64	12.01
MRBLD1FB70_SIN		0.00	-201.92	-12.86	48.46	149.38	-158.42	46.05	-47.09	5.75	4.73	0.76	1.36	3.18	0.68	-17.40	4.57
MRBLD1FB87_COS		-74.29	30.29	-200.78	6.58	32.76	-37.08	-13.07	16.14	21.48	21.87	-22.70	-6.68	-2.31	-3.20	-6.58	8.13
MRBLD1FB87_SIN		0.00	-189.99	12.64	58.74	76.06	-20.25	-8.71	23.23	-5.11	5.95	39.46	-22.47	-4.51	-1.92	-13.40	4.96
MRBLD1FB120_COS		-462.89	20.25	-285.03	-26.97	-57.56	-71.29	-26.06	27.23	-0.28	0.41	1.49	-7.30	3.85	5.90	7.48	-11.52
MRBLD1FB120_SIN		0.00	-226.06	34.02	147.95	17.49	147.67	-70.09	67.62	-5.49	-7.03	-7.76	10.24	-2.00	0.39	17.96	-10.05
MRBLD1FB164_COS		-181.33	48.87	-337.94	-36.44	-160.41	54.29	71.82	-35.84	-10.30	7.74	-11.54	5.87	3.05	-2.69	1.91	11.86
MRBLD1FB164_SIN		0.00	-287.84	36.06	212.66	-197.27	57.77	43.59	-98.72	-6.06	-0.69	23.44	-18.43	-0.70	1.48	-8.30	6.95

RUN	POINT	Harmonics															
44	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-209.75	3.01	-177.77	-25.71	-87.61	40.37	54.95	-37.13	-1.77	22.91	-47.70	-22.16	12.48	16.62	2.90	-28.56
MRBLD1FB180_SIN		0.00	-201.80	31.80	101.72	-133.96	-55.32	64.57	-86.42	-16.96	-30.36	65.00	-27.42	-3.69	-2.58	19.71	-9.42
MRBLD1TOR51_COS		-1411.75	70.35	-25.41	22.21	-4.47	432.22	-59.51	3.70	-1.52	9.13	-9.18	4.42	3.53	7.04	-0.40	-21.49
MRBLD1TOR51_SIN		0.00	-77.28	-6.10	28.00	-31.02	-239.39	-35.47	-37.00	0.48	-6.23	-4.03	-11.16	-0.40	2.25	8.47	-7.77
MRBLD1TOR71_COS		-268.20	83.86	-36.54	18.63	-8.02	389.76	-42.25	1.70	1.65	3.98	-10.18	2.72	2.68	5.89	-0.81	-13.57
MRBLD1TOR71_SIN		0.00	-75.80	-9.17	11.52	-63.23	-200.34	-42.49	-13.68	6.90	-7.01	4.21	-14.13	-0.63	0.71	5.86	-4.77
MRBLD1TOR130_COS		-25.18	70.28	-11.85	12.27	-25.79	314.75	-14.22	-1.00	-0.98	-2.79	17.54	-4.60	-2.93	-1.67	-4.53	8.23
MRBLD1TOR130_SIN		0.00	-63.79	-8.09	4.36	-75.41	-174.76	-23.09	-17.09	6.76	-10.79	8.95	6.14	2.31	-0.63	-1.56	2.17
MRBLD1TOR164_COS		-222.88	36.78	50.08	10.83	-2.87	183.38	-3.05	-5.13	2.97	4.20	1.70	-3.38	1.35	-0.67	-5.11	16.35
MRBLD1TOR164_SIN		0.00	-26.38	-2.27	-27.47	-7.42	-150.56	-0.87	-0.15	2.52	-7.49	10.73	1.15	2.92	1.80	-0.80	-0.72
MRFBM1CB26P5_COS		-4798.49	-414.22	-42.21	72.55	21.51	42.08	-3.47	-3.80	0.37	-6.38	24.76	-3.50	-0.29	-0.33	-2.53	-1.19
MRFBM1CB26P5_SIN		0.00	-122.72	-3.31	-26.99	-83.61	-32.47	-54.29	-7.99	2.69	-5.69	6.25	4.91	1.62	-0.21	2.90	-1.27
MRFBM1FB9_COS		296.30	-156.79	185.38	-15.30	-35.15	-21.76	21.54	-7.31	2.17	-1.24	-6.43	1.95	0.50	0.79	2.09	-1.51
MRFBM1FB9_SIN		0.00	9.57	71.17	-77.63	-86.35	42.30	-6.42	19.02	5.92	0.10	1.29	-2.90	-0.63	-0.58	-0.87	2.06
MRFBM1TOR26P5_COS		-358.58	80.54	-0.48	0.02	-2.53	5.12	-3.28	0.37	-0.08	0.47	-0.91	0.23	0.10	0.09	0.21	-0.34
MRFBM1TOR26P5_SIN		0.00	-91.79	0.37	0.17	-0.30	-2.44	-0.49	-0.31	0.20	0.66	-0.38	0.10	0.05	0.07	-0.10	0.04

RUN	POINT	Harmonics															
44	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1093.57	-978.31	-63.90	154.77	-18.94	184.84	-40.93	23.65	-9.24	48.19	77.26	-8.92	-17.01	-11.33	-26.16	3.31
MRPC1CB33P25_SIN		0.00	-144.70	-35.42	-31.14	179.90	-209.70	43.15	-142.49	-34.54	22.56	-48.98	56.65	-4.08	9.31	29.34	-23.47
MRPC1FB33P25_COS		2261.85	69.37	-394.05	129.30	434.10	144.52	28.16	-23.37	-86.58	-62.76	201.59	-28.08	5.70	5.08	-57.72	-8.72
MRPC1FB33P25_SIN		0.00	169.02	-138.51	219.00	519.06	-428.15	167.84	-293.56	-54.25	-104.68	-58.23	88.76	32.86	24.04	61.86	-69.77
MRPC1TOR25P5_COS		-774.68	-57.03	-4.64	-18.66	4.46	-477.91	72.77	-8.48	-1.53	-7.32	28.19	-10.61	-10.41	-9.44	-14.83	34.30
MRPC1TOR25P5_SIN		0.00	142.14	-44.26	-10.05	86.22	234.43	51.31	24.97	-10.24	2.42	6.21	18.39	-1.21	-1.73	-1.69	-1.75
MRPLK1LOAD_COS		-85.01	3.06	1.12	-1.32	-0.22	-63.80	12.10	-0.64	0.63	-2.27	6.53	-2.18	-1.38	-1.48	-2.84	5.95
MRPLK1LOAD_SIN		0.00	-9.59	-1.91	-3.37	7.78	34.59	5.03	4.96	-0.52	-1.84	2.58	1.55	-0.80	-0.56	-0.36	-0.44
PITCHRH_COS		11355.47	-8788.90	-467.87	110.23	-234.58	2700.95	-140.58	58.77	136.77	55.22	-477.65	-36.51	36.32	-5.27	-23.10	-269.43
PITCHRH_SIN		0.00	2240.84	-725.33	90.01	71.51	738.77	58.75	189.30	-83.31	-33.80	-353.17	52.24	-19.36	-11.58	-9.76	-69.29
ROLLRH_COS		914.06	-1877.63	832.87	-79.58	-532.84	-2010.68	122.71	-92.42	127.10	19.75	247.23	-110.74	-75.67	-24.65	-134.15	-738.69
ROLLRH_SIN		0.00	-8416.64	-549.27	-1.73	312.62	4037.51	-219.73	-103.55	-58.25	-42.24	43.35	73.45	-125.45	68.00	-82.06	-346.62
TORQ_COS		30324.23	425.17	-10.31	9.33	64.48	-306.05	-4.00	-11.53	-24.02	-3.28	-66.49	0.96	-3.05	-4.51	-1.06	-18.42
TORQ_SIN		0.00	691.59	-30.79	36.13	-58.27	27.35	7.23	0.14	-26.51	-12.11	-22.64	-0.81	-11.44	10.73	-15.51	-13.68
THRUST_COS		5747.81	-70.53	8.55	25.40	-7.68	-175.85	-10.36	14.15	-6.88	-5.03	12.51	-0.57	-9.16	8.11	-0.96	26.22
THRUST_SIN		0.00	-61.63	9.84	7.38	16.73	250.67	1.78	0.17	2.32	6.57	67.99	-14.84	-7.93	0.36	12.95	20.68

RUN	POINT	Harmonics															
44	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.07	31.47	-17.64	5.30	30.38	-135.48	2.19	0.85	-3.24	-0.71	-16.19	6.36	1.90	0.97	3.48	21.02
SIDERH_SIN		0.00	184.62	15.06	-1.19	-113.79	-449.24	11.88	6.51	4.45	3.57	-8.48	-1.25	3.50	-2.29	1.98	8.43
DRAGRH_COS		-124.30	230.08	15.01	-4.36	-2.65	588.87	-9.27	-0.79	-1.85	-5.70	-11.68	4.97	-1.44	1.84	1.28	15.22
DRAGRH_SIN		0.00	-60.17	12.72	5.43	9.50	409.70	7.40	-5.60	4.90	-1.56	-4.44	-11.54	1.89	-1.85	1.74	-1.06

RUN	POINT	Harmonics															
49	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.02	-0.87	0.00	0.02	-0.02	-0.01	0.01	0.00	-0.02	0.00	0.00	-0.10
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.21	-0.02	-0.13	0.04	-0.03	0.00	0.02	0.01	-0.02	-0.01	-0.03
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.48	-8.48	-1.31	1.02	-1.16	8.22	-0.76	0.81	-0.29	-0.10	0.61	0.03	-0.55	0.26	-0.25	-2.16
ACT1FORCE_SIN		0.00	10.86	0.52	-2.90	0.56	-12.86	3.32	-3.13	0.62	-0.66	-0.14	0.71	0.20	-0.60	-0.33	-1.37
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	-0.10	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	0.00	0.00	0.14	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		357.91	44.81	10.43	-9.37	9.04	-258.88	3.19	0.19	0.18	-0.03	0.62	0.16	0.02	0.06	0.18	-0.19
FA1IBVOLTAGE_SIN		0.00	-68.20	-9.63	12.82	-7.72	-129.59	-25.05	-1.23	1.11	-0.07	-0.47	-0.03	-0.05	0.00	-0.04	-1.07
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	0.10	0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		448.21	-44.82	-10.45	9.29	-9.40	260.08	-3.01	-0.23	-0.25	0.09	0.57	-0.02	-0.01	-0.06	-0.15	0.24
FA1OBVOLTAGE_SIN		0.00	68.44	9.71	-12.88	7.66	129.17	25.65	1.38	-1.25	0.09	-0.08	0.21	0.09	-0.03	0.04	1.00
MRBLD1CB42P75_COS		-4105.88	-1094.04	106.44	-306.89	-103.57	9.47	34.47	-234.56	-40.54	11.42	102.64	-72.39	-27.89	-4.53	51.80	-33.91
MRBLD1CB42P75_SIN		0.00	-1108.83	28.67	-41.33	-259.13	355.51	-125.53	324.86	48.41	-50.52	-60.94	-11.38	-41.61	7.36	-17.72	23.12

RUN	POINT	Harmonics															
49	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2771.20	-722.20	178.07	-248.34	-312.13	-30.93	39.41	-177.86	-46.34	1.70	6.65	-42.61	-11.12	-4.74	39.78	-32.56
MRBLD1CB70_SIN		0.00	-663.93	310.20	-167.46	-477.68	216.39	-221.10	256.98	86.51	-47.05	-6.73	-3.39	-16.11	9.04	-7.92	19.62
MRBLD1CB120_COS		-532.41	-364.79	251.05	-178.61	-371.90	-19.79	7.71	-46.89	-35.85	-27.45	-85.77	25.63	3.30	-6.78	8.95	-18.88
MRBLD1CB120_SIN		0.00	-220.96	445.29	-98.37	-353.95	92.11	-294.73	144.68	45.39	14.66	69.04	15.84	23.88	-2.61	5.28	-2.36
MRBLD1CB164_COS		-1958.02	-126.02	74.83	-69.34	-144.70	11.79	-3.76	44.48	-11.75	-17.47	-29.26	21.46	-18.27	-1.61	-27.25	22.65
MRBLD1CB164_SIN		0.00	-41.63	139.94	-57.16	-131.53	-66.73	-116.12	-47.30	-0.12	18.51	34.77	15.67	-6.58	-5.52	2.79	-10.93
MRBLD1FB42P75_COS		3130.21	208.86	-75.20	-885.88	-21.64	474.69	-145.83	-50.20	-111.33	-33.46	134.27	-57.72	-12.69	-25.50	34.07	-31.66
MRBLD1FB42P75_SIN		0.00	155.73	-456.16	169.91	380.93	412.02	-121.29	788.69	-17.06	-54.25	-102.57	76.76	7.35	18.14	-126.08	113.09
MRBLD1FB70_COS		411.52	159.36	-57.33	-261.59	-18.01	114.23	-28.96	-1.76	-1.71	-2.99	-3.36	-0.70	-2.71	3.59	-9.07	7.35
MRBLD1FB70_SIN		0.00	-154.28	-207.23	36.09	104.28	126.66	-45.60	135.30	5.31	2.63	-1.24	-2.87	-1.86	-4.02	24.92	-24.20
MRBLD1FB87_COS		-76.42	169.87	-75.55	-143.85	9.43	47.94	7.21	6.36	14.11	12.83	-28.06	12.76	-0.22	5.39	-4.14	6.77
MRBLD1FB87_SIN		0.00	-130.66	-173.32	-24.19	27.89	16.84	16.20	-72.14	-4.54	9.39	28.69	-14.48	-2.64	-7.82	27.76	-19.05
MRBLD1FB120_COS		-465.54	174.46	-117.21	-180.01	1.28	-66.34	28.89	-5.11	4.39	-3.94	12.38	-4.55	5.69	-6.71	6.65	-12.42
MRBLD1FB120_SIN		0.00	-145.14	-273.40	-69.84	-51.81	-148.40	65.42	-195.97	-2.44	-9.21	-15.36	4.19	4.45	13.74	-38.72	26.98
MRBLD1FB164_COS		-162.77	206.15	-104.33	-297.19	-11.33	-111.89	-66.23	-5.97	-9.10	11.05	-22.29	10.26	-0.49	-0.54	-3.87	3.91
MRBLD1FB164_SIN		0.00	-150.88	-373.06	-69.33	-216.28	-44.54	-46.14	266.96	3.17	3.71	24.57	-12.01	2.66	-11.63	15.97	-17.00

RUN	POINT	Harmonics															
49	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.81	116.12	-65.05	-154.59	-28.06	-11.54	-70.29	-2.57	9.45	25.18	-48.16	18.20	0.69	-8.35	5.98	-17.60
MRBLD1FB180_SIN		0.00	-128.45	-209.19	-32.92	-136.67	31.75	-45.33	244.81	-13.08	-22.98	39.52	-28.27	0.77	18.84	-37.84	43.57
MRBLD1TOR51_COS		-1401.94	103.64	-8.15	-116.15	66.38	-79.64	53.85	-0.33	11.42	-0.12	-5.03	8.13	-4.54	-5.52	6.20	-23.45
MRBLD1TOR51_SIN		0.00	-7.85	-31.55	-1.77	-16.61	479.88	-25.38	109.85	20.34	-17.35	-5.05	-0.64	2.32	-0.87	-7.84	-7.68
MRBLD1TOR71_COS		-256.24	119.07	-8.25	-68.86	66.53	-85.75	49.15	22.34	13.45	-2.78	-11.08	9.56	-2.48	-4.85	4.44	-16.88
MRBLD1TOR71_SIN		0.00	1.87	-37.62	9.16	-11.26	417.71	-15.19	70.98	21.75	-11.52	-5.77	0.81	2.88	-1.95	-2.22	-4.48
MRBLD1TOR130_COS		-23.22	93.31	1.18	-30.16	56.17	-56.99	25.23	9.65	10.11	-6.85	1.89	-7.64	-1.65	0.67	3.89	5.72
MRBLD1TOR130_SIN		0.00	3.91	-11.59	11.29	-35.49	348.55	-19.72	69.97	13.54	-5.42	-4.75	-1.41	-3.27	-2.67	8.16	9.47
MRBLD1TOR164_COS		-215.80	43.23	10.95	31.41	22.26	4.93	9.40	15.11	8.44	3.19	-6.23	-3.78	-0.02	-3.79	6.79	4.85
MRBLD1TOR164_SIN		0.00	6.08	52.90	22.42	1.20	246.55	-11.56	24.96	2.32	-2.45	0.54	0.10	-3.08	0.74	1.72	12.89
MRFBM1CB26P5_COS		-4707.97	-408.24	4.21	-49.07	68.08	-10.64	-1.34	-21.28	-1.21	2.60	27.33	-4.77	-1.65	-1.81	6.50	-5.94
MRFBM1CB26P5_SIN		0.00	-532.20	-29.62	61.44	34.09	67.49	19.19	25.05	-11.68	-1.87	-10.42	0.80	-1.55	-1.51	-2.28	0.55
MRFBM1FB9_COS		293.51	25.32	-12.23	227.52	18.90	-20.53	-6.71	34.65	4.24	-1.59	-4.36	2.96	0.27	0.43	-3.46	3.48
MRFBM1FB9_SIN		0.00	-24.73	186.80	57.52	-24.42	-55.21	9.73	-28.93	2.36	2.92	-2.77	1.17	1.18	0.28	-0.61	1.42
MRFBM1TOR26P5_COS		-353.14	127.07	-0.06	-0.34	0.93	-1.54	2.02	-0.03	0.19	0.31	-0.23	0.18	-0.17	-0.02	-0.24	-0.03
MRFBM1TOR26P5_SIN		0.00	-24.07	-0.53	0.29	-1.19	4.38	-0.05	0.32	0.32	-0.09	0.42	-0.05	-0.01	0.01	-0.27	-0.23

RUN	POINT	Harmonics															
49	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1119.38	-993.82	61.67	-279.60	12.63	53.15	9.99	-180.17	-29.21	4.36	94.69	-56.99	-22.22	-7.28	50.57	-40.93
MRPC1CB33P25_SIN		0.00	-967.84	-53.33	60.19	-64.95	322.56	-89.42	286.67	-2.51	-38.69	-49.48	-1.89	-23.00	3.29	-18.80	21.20
MRPC1FB33P25_COS		2279.79	36.80	13.42	-758.35	-115.21	275.17	-87.18	-358.24	-77.08	3.71	155.48	-89.37	-13.07	-29.58	134.57	-118.38
MRPC1FB33P25_SIN		0.00	242.14	-395.10	-22.80	292.70	445.43	-150.36	594.74	-61.49	-58.93	3.62	17.31	-3.54	-8.55	-43.64	37.51
MRPC1TOR25P5_COS		-755.13	-124.25	44.73	89.31	-92.83	115.18	-63.24	-20.98	-18.17	-2.13	14.19	-20.73	6.64	3.87	16.54	14.61
MRPC1TOR25P5_SIN		0.00	66.78	-13.25	-18.90	10.69	-502.59	20.23	-90.35	-20.50	14.94	-0.36	2.42	-7.11	0.25	15.43	26.01
MRPLK1LOAD_COS		-84.85	8.72	3.45	13.74	-10.98	13.13	-9.74	-1.41	-2.38	-0.60	1.59	-2.50	1.49	0.78	2.39	1.92
MRPLK1LOAD_SIN		0.00	-8.98	1.86	-1.26	1.58	-68.69	3.99	-14.50	-3.61	2.28	-1.43	0.49	-0.76	-0.04	4.12	4.30
PITCHRH_COS		9812.77	-8119.97	567.50	2.11	40.66	-1242.39	-92.18	122.74	-14.50	0.64	1.01	-0.50	4.96	21.01	39.35	423.73
PITCHRH_SIN		0.00	-3805.86	-549.22	-4.16	-152.36	1679.08	86.12	-211.64	-60.18	22.85	206.53	-46.01	-11.94	-14.31	-38.97	187.27
ROLLRH_COS		2102.76	3855.42	724.50	-8.09	-20.12	-1539.86	-450.15	31.56	145.52	-70.27	210.64	39.74	-12.12	-107.19	1.73	-337.92
ROLLRH_SIN		0.00	-7509.38	702.79	-31.11	-311.11	-1581.63	9.18	290.90	-107.33	-4.24	399.52	37.78	-37.64	33.62	11.61	1277.03
TORQ_COS		31769.27	-113.26	23.79	-28.84	63.81	173.83	0.63	39.48	-8.68	-9.67	-73.11	-6.37	8.99	3.77	1.36	-8.02
TORQ_SIN		0.00	793.42	1.40	26.22	171.57	-357.35	-12.48	-20.64	12.04	-1.55	72.66	-5.29	9.61	-5.29	7.67	-8.20
THRUST_COS		5722.25	-20.09	-11.38	-4.47	-5.97	-118.41	17.76	-1.23	0.47	-3.33	-64.04	16.62	-0.58	7.21	3.46	53.15
THRUST_SIN		0.00	-88.29	11.18	25.49	-45.53	-261.31	-7.27	-27.16	0.00	-4.81	-29.39	3.32	-15.14	-9.18	2.45	-27.17

RUN	POINT	Harmonics															
49	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.45	-89.53	-17.63	4.84	64.42	231.82	19.19	3.71	-2.83	3.60	-8.02	-2.31	0.43	3.49	-0.28	10.02
SIDERH_SIN		0.00	140.16	-16.26	0.14	72.83	79.71	-1.99	-5.70	2.19	0.81	-11.66	-1.69	0.87	-0.81	0.19	-37.12
DRAGRH_COS		-189.53	206.65	-15.88	-1.33	13.64	-362.78	-9.90	-1.22	4.70	5.58	-0.54	-1.52	-0.40	-0.86	-0.60	-14.76
DRAGRH_SIN		0.00	101.51	14.96	-3.52	-8.82	35.34	-21.83	-3.35	5.37	-0.37	8.19	2.18	0.81	1.17	2.09	-9.91

RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.65	0.00	0.04	0.02	-0.01	0.02	0.02	0.00	0.00	0.00	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.34	0.00	-0.07	0.07	0.05	0.00	0.01	0.00	0.01	0.01	0.04
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.96	0.60	-0.54	-5.00	-3.41	15.15	-1.12	1.74	-0.26	-0.80	0.32	0.63	0.16	-0.25	0.18	2.05
ACT1FORCE_SIN		0.00	14.15	1.05	1.66	-3.76	0.42	2.28	-1.49	1.44	0.42	0.36	0.38	0.14	0.00	0.15	1.74
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.01	-0.17	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		353.66	-12.96	-2.40	36.37	26.41	-7.47	6.95	-0.25	0.26	0.10	-0.12	0.06	0.07	-0.16	-0.27	0.18
FA1IBVOLTAGE_SIN		0.00	-81.76	-8.25	-8.74	22.73	-283.01	-15.74	-0.97	0.41	0.30	0.73	0.19	-0.08	0.19	0.05	1.17
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.01	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		452.44	13.10	2.39	-36.40	-26.45	8.94	-6.96	0.32	-0.52	-0.30	-0.08	-0.12	-0.07	0.13	0.26	-0.25
FA1OBVOLTAGE_SIN		0.00	81.92	8.22	8.89	-23.01	283.81	16.28	1.03	-0.39	-0.49	0.49	-0.06	0.13	-0.22	-0.10	-1.12
MRBLD1CB42P75_COS		-4047.24	-1706.94	20.89	346.86	61.69	-402.68	1.98	-316.41	174.91	76.01	-3.22	59.21	56.75	-8.15	-35.52	-2.92
MRBLD1CB42P75_SIN		0.00	-155.26	-80.11	209.93	-66.83	62.80	-70.21	149.28	-13.14	137.64	-16.11	-2.66	-12.48	8.07	5.26	-19.31

RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2792.40	-1067.97	217.97	250.65	220.90	-343.60	-12.22	-254.86	160.92	95.16	31.68	31.67	28.65	-5.71	-24.42	-5.91
MRBLD1CB70_SIN		0.00	-67.62	-132.84	261.40	-69.07	-1.78	-203.68	183.54	8.06	137.64	-51.26	-7.96	-15.83	5.46	5.94	-10.45
MRBLD1CB120_COS		-480.50	-464.85	334.52	233.77	114.86	-176.27	-1.21	-124.03	-18.89	22.18	51.88	-13.33	-33.71	6.51	0.50	10.75
MRBLD1CB120_SIN		0.00	77.58	-225.41	144.60	-165.42	23.08	-318.20	143.46	-11.25	-55.16	-30.98	6.13	4.63	3.06	0.97	-3.52
MRBLD1CB164_COS		-1948.72	-139.41	114.98	62.52	-6.48	34.95	30.47	50.09	-67.20	-13.57	22.74	-7.14	-4.78	-1.76	13.31	2.28
MRBLD1CB164_SIN		0.00	54.38	-73.95	57.37	-94.01	-1.77	-148.08	4.85	-16.17	-110.65	-3.82	15.29	4.09	2.63	-7.13	12.15
MRBLD1FB42P75_COS		3151.08	276.95	-317.46	830.36	-836.26	-255.28	-192.60	-488.84	-75.15	-6.16	-7.33	86.88	27.70	4.75	-24.54	-31.63
MRBLD1FB42P75_SIN		0.00	5.71	68.54	125.49	-328.81	638.08	-69.97	441.54	-148.23	-121.99	-65.26	-35.36	-3.63	0.40	80.43	-50.51
MRBLD1FB70_COS		414.04	1.48	-142.49	237.80	-233.76	-73.45	-20.79	-77.81	7.75	11.31	-0.06	-0.43	-1.66	-1.03	6.84	11.12
MRBLD1FB70_SIN		0.00	-214.53	56.19	50.96	-137.47	153.83	-22.42	92.28	-14.29	3.76	2.40	2.72	3.09	0.36	-17.06	11.08
MRBLD1FB87_COS		-85.52	34.55	-113.34	84.98	-116.51	-15.90	3.90	47.07	8.07	2.42	7.08	-18.24	-5.01	-0.40	2.27	2.60
MRBLD1FB87_SIN		0.00	-216.28	80.63	68.04	-58.92	26.17	-4.09	-38.94	19.49	15.34	15.98	12.22	6.09	3.76	-15.21	8.66
MRBLD1FB120_COS		-496.62	46.85	-199.36	57.08	16.29	95.13	29.02	102.65	-4.79	-16.37	-8.50	8.99	4.50	-0.19	-6.79	-7.39
MRBLD1FB120_SIN		0.00	-261.96	138.34	118.19	54.62	-123.43	32.10	-134.67	17.33	-5.07	-12.79	-9.24	-8.19	-5.71	23.17	-12.50
MRBLD1FB164_COS		-180.45	73.95	-326.83	187.36	387.82	89.96	-50.95	-155.28	8.89	19.64	14.71	-11.10	-4.47	6.00	6.59	-1.35
MRBLD1FB164_SIN		0.00	-301.86	130.97	131.52	275.69	-91.50	-11.75	165.82	-18.52	10.18	20.68	8.32	1.09	2.47	-8.57	8.77

RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.43	3.36	-201.38	99.91	276.52	39.82	-81.05	-141.15	40.91	17.86	4.34	-20.33	1.10	-3.68	-16.87	0.01
MRBLD1FB180_SIN		0.00	-201.23	76.60	62.38	177.47	33.87	-30.53	165.84	-9.29	6.21	24.18	19.38	-1.29	-5.62	27.33	-19.18
MRBLD1TOR51_COS		-1406.29	63.81	-12.29	117.53	-37.56	-482.94	60.99	-66.34	47.05	5.38	-2.43	-0.47	3.30	-1.19	-7.60	22.08
MRBLD1TOR51_SIN		0.00	-85.68	18.48	47.34	46.27	124.77	30.05	88.40	13.05	14.19	-1.54	-5.13	0.94	-3.27	-1.87	5.29
MRBLD1TOR71_COS		-258.74	83.53	-18.81	77.80	-13.11	-418.84	55.56	-32.65	36.63	-0.25	0.48	-5.31	1.16	1.16	-4.88	13.79
MRBLD1TOR71_SIN		0.00	-84.48	13.90	21.36	55.81	100.94	38.98	73.92	18.75	11.13	4.50	-5.36	0.10	-1.49	-2.30	4.75
MRBLD1TOR130_COS		-28.29	71.36	1.00	41.29	29.00	-340.95	32.29	-37.16	28.70	7.10	7.64	1.85	-0.38	0.07	-1.13	-10.31
MRBLD1TOR130_SIN		0.00	-65.89	2.51	5.75	79.48	98.06	22.31	65.48	3.27	6.25	7.45	4.24	1.80	4.25	-1.15	-0.67
MRBLD1TOR164_COS		-214.21	33.23	49.90	-6.81	-15.47	-234.51	4.59	-4.95	11.07	5.03	8.14	-2.70	-1.24	1.37	-3.52	-15.14
MRBLD1TOR164_SIN		0.00	-24.94	-13.57	-22.89	-3.49	102.74	4.84	33.29	1.43	-3.18	7.02	6.80	1.94	4.07	-0.57	-12.45
MRFBM1CB26P5_COS		-4690.98	-739.25	-13.33	89.21	-28.49	-56.13	7.37	-22.39	3.08	-7.21	-9.88	4.94	2.35	0.44	-5.36	2.09
MRFBM1CB26P5_SIN		0.00	-156.04	-2.77	-4.86	32.91	-0.37	27.06	-3.71	-10.33	-8.09	9.51	0.49	2.66	-0.39	0.60	-5.26
MRFBM1FB9_COS		289.43	58.57	118.98	-178.11	72.44	53.27	-6.42	39.05	-6.15	-3.35	-3.16	-2.47	-1.19	0.43	2.09	-1.53
MRFBM1FB9_SIN		0.00	-38.07	-7.57	-120.41	70.27	-34.96	9.52	-0.93	4.29	-1.69	2.34	-2.14	-1.23	0.23	0.75	0.97
MRFBM1TOR26P5_COS		-353.29	79.49	-0.64	0.41	1.05	-4.59	2.32	-0.06	0.48	-0.19	-0.40	0.09	0.15	-0.02	0.12	0.37
MRFBM1TOR26P5_SIN		0.00	-102.44	0.29	0.16	0.91	0.48	1.27	0.16	0.68	0.51	-0.39	0.08	0.04	-0.02	0.06	0.17

RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1129.54	-1524.26	-34.79	353.85	-83.65	-313.74	4.63	-252.75	95.14	50.89	-5.18	50.08	34.22	-3.21	-35.99	3.01
MRPC1CB33P25_SIN		0.00	-90.47	-49.91	109.10	-51.28	119.13	-41.00	106.50	-49.70	56.03	-5.27	-1.34	-5.90	5.36	7.96	-23.46
MRPC1FB33P25_COS		2292.96	204.47	-294.26	658.43	-603.46	-369.34	-138.38	-557.89	19.76	61.76	33.33	81.73	24.52	0.59	-88.41	20.28
MRPC1FB33P25_SIN		0.00	192.19	-8.37	258.54	-463.65	437.55	-135.28	151.27	-153.27	-87.49	-51.41	27.68	16.39	8.09	29.68	-59.87
MRPC1TOR25P5_COS		-750.11	-37.23	-35.35	-112.45	28.61	501.95	-82.68	41.98	-41.85	6.67	9.71	3.01	-0.93	1.78	-5.98	-37.61
MRPC1TOR25P5_SIN		0.00	149.34	-57.78	-15.25	-78.79	-108.23	-46.01	-90.19	-26.75	-12.95	6.61	5.55	-4.18	11.22	1.09	-17.40
MRPLK1LOAD_COS		-83.65	0.74	-1.11	-14.30	5.21	68.36	-12.34	7.35	-6.29	0.78	2.92	-0.61	-0.85	0.32	-1.06	-6.50
MRPLK1LOAD_SIN		0.00	-10.08	-4.66	-3.72	-8.77	-16.87	-5.61	-12.63	-3.50	-3.26	2.61	0.20	-0.95	1.77	-1.11	-2.49
PITCHRH_COS		8785.07	-8584.57	-411.38	-118.60	59.80	-3510.67	-166.39	-135.80	96.80	-109.72	182.75	27.35	5.23	18.67	-53.30	-400.89
PITCHRH_SIN		0.00	2335.49	-662.93	-16.67	-67.11	-564.86	-23.19	-56.43	-79.09	70.66	-769.70	96.64	-17.17	69.13	29.50	509.13
ROLLRH_COS		2178.73	-2004.73	740.01	-43.01	47.95	1171.90	-362.52	61.29	46.39	139.88	449.12	-241.33	127.39	-77.99	49.02	-616.14
ROLLRH_SIN		0.00	-8168.65	-601.25	83.51	-247.03	-3627.37	-278.41	74.73	-38.68	-24.21	-147.31	37.81	-25.46	36.18	-18.32	-335.14
TORQ_COS		31937.33	398.17	-1.70	2.33	-182.30	480.32	-6.14	-5.63	-40.00	11.89	49.48	0.46	-0.07	-3.06	-6.86	32.23
TORQ_SIN		0.00	700.18	-16.13	-18.40	-108.83	194.79	-14.51	35.98	-14.12	-6.88	-63.50	12.43	-12.62	8.56	-7.13	1.07
THRUST_COS		5698.50	-67.28	6.27	1.03	35.34	260.54	10.77	-2.34	-11.64	2.63	40.12	5.97	-14.90	5.88	-7.00	-12.53
THRUST_SIN		0.00	-56.64	4.68	1.83	48.01	-250.78	11.33	19.53	-3.14	7.98	89.86	9.86	-6.71	-7.32	-12.40	32.75

RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.93	32.33	-18.20	-13.46	-24.21	135.14	23.69	1.00	0.05	-8.42	-26.40	9.77	-3.77	2.71	-1.22	19.61
SIDERH_SIN		0.00	153.43	14.54	-1.05	8.56	316.92	18.14	-6.71	4.75	0.30	-1.13	0.19	-0.50	-0.49	0.60	10.69
DRAGRH_COS		-197.23	221.87	13.59	-1.85	-21.55	-324.65	16.93	-13.59	-11.42	2.08	-28.20	3.57	-2.91	-0.20	1.74	12.06
DRAGRH_SIN		0.00	-57.45	17.21	-6.50	4.09	-273.53	-49.57	-10.28	4.93	-5.75	43.17	-11.06	0.22	-2.04	-4.89	-26.02

RUN	POINT	Harmonics															
49	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-0.84	0.00	-0.03	0.01	0.01	0.00	0.02	0.01	0.01	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.23	0.00	-0.02	0.03	0.02	0.00	0.01	0.01	-0.01	0.00	-0.05
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-22.07	1.09	0.08	-4.46	-6.63	7.72	1.51	-0.24	-0.20	-0.33	0.09	0.37	0.19	0.36	-0.18	-2.09
ACT1FORCE_SIN		0.00	14.32	0.97	3.55	-1.02	-13.46	2.19	-0.86	0.96	0.83	-0.22	0.18	0.30	0.07	0.01	-1.74
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.01	0.00	-0.10	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.02	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		350.81	-16.87	-5.17	31.11	43.35	-247.76	-11.00	-0.51	0.26	-0.01	0.70	0.06	-0.03	0.20	0.30	0.05
FA1IBVOLTAGE_SIN		0.00	-81.81	-5.13	-25.41	3.15	-130.25	-13.80	-0.04	0.31	-0.19	-0.18	-0.07	0.10	0.01	0.03	-1.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.00	0.10	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		455.28	16.95	5.13	-31.10	-43.74	248.89	11.45	0.55	-0.30	-0.22	0.45	0.08	0.07	-0.21	-0.28	0.04
FA1OBVOLTAGE_SIN		0.00	82.02	5.12	25.57	-3.35	129.81	14.11	0.04	-0.05	0.37	-0.27	0.06	-0.11	-0.03	0.03	1.01
MRBLD1CB42P75_COS		-4051.81	-1638.07	-26.89	369.49	-65.97	-159.91	-130.79	-79.38	91.76	116.55	12.06	34.87	10.24	5.21	-18.77	-16.24
MRBLD1CB42P75_SIN		0.00	-63.25	-11.98	-26.77	-67.01	278.84	-78.40	101.04	-111.35	-41.79	-40.49	-24.96	-2.67	22.25	27.25	-12.98

RUN	POINT	Harmonics															
49	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2769.11	-1014.98	194.57	302.85	-89.75	-198.59	-256.39	-42.75	74.45	115.36	-7.87	20.65	-4.52	5.23	-12.27	-8.84
MRBLD1CB70_SIN		0.00	-21.62	-41.77	29.52	-113.33	192.81	-117.78	154.51	-86.30	-59.71	-39.03	-18.29	-3.64	6.57	11.91	-17.73
MRBLD1CB120_COS		-503.54	-438.06	305.15	277.93	-210.25	-88.35	-310.63	-5.35	-35.18	-16.89	-26.91	-1.91	-3.88	1.02	2.24	-2.97
MRBLD1CB120_SIN		0.00	130.90	-155.35	-60.97	-94.42	123.72	-157.81	111.07	-7.83	-8.84	15.76	13.28	10.01	-6.77	-2.73	-14.65
MRBLD1CB164_COS		-1957.91	-140.79	112.02	75.59	-161.54	2.62	-94.60	27.41	-47.38	-55.34	-16.54	6.27	9.14	1.44	5.81	-3.60
MRBLD1CB164_SIN		0.00	81.94	-58.93	-15.90	-41.73	-31.17	-74.54	11.18	12.64	10.15	21.18	13.48	4.04	-0.08	2.18	18.28
MRBLD1FB42P75_COS		3145.72	253.95	-335.61	571.30	-714.90	254.51	-319.51	-196.62	-97.08	4.61	-21.00	51.70	48.95	25.06	8.27	-88.15
MRBLD1FB42P75_SIN		0.00	8.47	16.66	-280.80	287.86	544.03	22.67	128.52	-125.11	-85.76	-12.47	-58.51	-2.20	21.15	49.90	14.17
MRBLD1FB70_COS		422.43	-11.17	-152.96	166.31	-229.49	69.21	-59.80	-21.25	-0.38	7.09	2.66	-0.79	-4.21	-4.30	-0.70	18.95
MRBLD1FB70_SIN		0.00	-193.85	27.94	-85.42	41.93	134.95	-0.32	34.31	-14.86	-2.98	2.98	4.53	2.67	-1.86	-12.01	-2.84
MRBLD1FB87_COS		-77.21	20.53	-117.57	47.29	-128.64	4.25	7.18	21.70	14.55	-0.93	9.02	-9.73	-7.94	-5.09	-4.82	13.77
MRBLD1FB87_SIN		0.00	-201.52	57.47	5.08	13.78	8.88	-5.14	-13.48	17.99	15.02	4.14	15.40	2.66	-0.25	-7.75	-2.56
MRBLD1FB120_COS		-493.33	39.02	-177.27	1.65	1.66	-58.38	78.06	26.82	7.67	-8.80	-12.64	3.61	7.10	4.05	3.54	-20.46
MRBLD1FB120_SIN		0.00	-281.42	122.83	77.79	31.80	-145.58	-3.99	-46.81	15.11	4.05	-6.75	-13.09	-5.59	-1.42	12.51	3.12
MRBLD1FB164_COS		-175.09	75.18	-307.47	93.37	427.44	30.21	-57.18	-59.45	-10.78	5.13	23.65	-2.77	-7.33	-1.86	2.00	11.40
MRBLD1FB164_SIN		0.00	-352.41	140.00	39.58	16.37	-72.70	47.88	57.14	-27.85	4.13	9.03	15.48	0.92	-3.25	-6.87	0.38

RUN	POINT	Harmonics															
49	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-215.27	4.52	-183.96	43.04	296.62	92.44	-105.61	-55.18	25.00	3.79	15.87	-16.35	5.46	2.93	1.27	-31.77
MRBLD1FB180_SIN		0.00	-236.21	85.59	15.14	1.08	18.19	37.34	63.56	-22.14	17.42	15.66	23.65	-11.45	-14.53	14.48	10.33
MRBLD1TOR51_COS		-1408.85	58.92	-10.39	105.04	25.97	-146.09	49.72	-24.74	19.42	11.14	-3.24	-7.79	4.75	2.32	-2.93	-23.81
MRBLD1TOR51_SIN		0.00	-83.99	19.24	-16.78	37.76	461.64	-42.35	50.49	-12.97	4.62	0.02	-2.61	-3.14	-1.48	3.32	-18.95
MRBLD1TOR71_COS		-258.77	76.49	-18.25	71.18	53.02	-127.41	57.90	-12.94	14.52	4.09	-0.84	-11.13	3.83	4.63	-1.62	-16.79
MRBLD1TOR71_SIN		0.00	-80.59	9.25	-18.04	30.99	405.11	-24.14	43.66	-1.83	9.06	-0.47	1.71	-3.38	-2.48	4.28	-12.32
MRBLD1TOR130_COS		-30.00	67.83	-0.63	40.26	90.20	-88.17	31.02	-10.66	6.70	8.06	1.97	-0.02	1.18	1.37	-1.77	6.79
MRBLD1TOR130_SIN		0.00	-65.85	1.35	-10.67	25.76	341.66	-8.61	36.65	-7.98	4.39	-2.68	7.66	4.69	1.91	3.62	9.41
MRBLD1TOR164_COS		-216.86	32.19	47.14	3.02	3.66	-39.42	-0.61	5.25	5.68	-0.38	4.09	0.58	1.33	2.29	-1.30	10.93
MRBLD1TOR164_SIN		0.00	-20.83	-14.84	-12.91	-6.18	241.50	-2.78	19.78	3.75	0.22	-4.43	6.16	5.58	0.89	0.33	10.46
MRFBM1CB26P5_COS		-4694.12	-708.88	-38.69	88.89	39.55	-17.87	27.23	-9.70	1.02	-2.63	3.39	2.55	4.65	-0.97	-2.68	-4.09
MRFBM1CB26P5_SIN		0.00	-108.49	9.84	-32.96	31.14	41.82	1.00	-12.56	-10.48	4.52	2.34	-1.62	2.25	3.02	2.84	-2.90
MRFBM1FB9_COS		287.16	31.94	127.76	-152.70	92.06	10.70	8.85	12.71	-4.11	-5.35	-0.33	-2.73	-0.32	0.86	1.42	0.07
MRFBM1FB9_SIN		0.00	-51.19	1.78	3.44	1.94	-50.47	22.10	-1.30	6.82	1.66	1.54	-0.32	-1.33	-1.08	-0.26	2.75
MRFBM1TOR26P5_COS		-353.38	79.30	-0.56	0.39	1.00	-1.80	2.20	-0.23	0.51	0.14	-0.11	0.19	-0.02	-0.02	0.09	-0.21
MRFBM1TOR26P5_SIN		0.00	-103.06	0.37	0.00	-0.40	4.04	-1.13	0.18	0.10	0.19	0.46	-0.23	-0.11	0.01	-0.11	-0.14

RUN	POINT	Harmonics															
49	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1126.61	-1478.73	-86.57	346.82	-78.29	-72.11	-83.13	-73.06	40.79	66.86	5.48	28.69	14.04	4.24	-15.85	-20.09
MRPC1CB33P25_SIN		0.00	-6.14	3.67	-82.53	10.93	265.95	-64.08	45.82	-91.94	-31.04	-23.39	-17.35	3.57	18.23	22.85	-17.54
MRPC1FB33P25_COS		2294.47	184.20	-298.69	520.29	-661.31	54.68	-275.00	-200.61	-15.27	54.70	-9.15	73.95	33.39	0.81	-40.11	-59.32
MRPC1FB33P25_SIN		0.00	188.32	-46.84	-121.32	70.92	488.51	-90.79	21.58	-146.00	-62.75	-22.83	-8.40	34.61	32.69	39.45	-68.69
MRPC1TOR25P5_COS		-747.89	-35.18	-37.45	-94.01	-64.03	158.17	-81.93	16.24	-22.61	-2.49	5.42	10.33	-3.74	1.36	-6.17	26.15
MRPC1TOR25P5_SIN		0.00	149.10	-61.66	42.23	-49.90	-480.36	45.62	-53.79	0.98	-10.91	-9.14	7.73	6.92	5.32	5.98	19.71
MRPLK1LOAD_COS		-83.25	1.55	-1.68	-11.13	-5.67	20.40	-10.53	2.88	-3.08	-1.37	1.44	0.08	-0.72	0.46	-1.21	4.32
MRPLK1LOAD_SIN		0.00	-9.36	-4.90	3.59	-6.44	-65.75	7.56	-7.19	0.70	-1.35	-2.72	1.96	1.11	0.37	1.00	2.90
PITCHRH_COS		9229.54	-8652.80	-477.97	-78.03	-90.99	-2699.78	-227.94	-145.36	-73.47	117.49	61.88	36.07	18.62	51.28	12.36	-126.37
PITCHRH_SIN		0.00	2398.94	-710.87	68.29	-209.75	1866.95	150.69	9.97	80.52	64.88	-169.78	-77.63	-1.64	5.07	-17.53	-59.46
ROLLRH_COS		2530.66	-2098.36	682.20	-3.84	-317.12	-2456.82	-417.38	56.93	52.01	12.83	303.60	110.94	-110.54	147.20	-94.89	-574.92
ROLLRH_SIN		0.00	-8280.74	-574.45	60.48	-411.68	-2601.72	-5.90	-27.03	95.31	-61.68	-189.98	91.60	-45.42	-37.53	-37.11	-172.16
TORQ_COS		31943.31	379.52	5.72	-20.21	-184.35	312.48	-14.32	7.42	-24.94	6.74	-13.65	3.50	-6.54	-2.68	-5.18	1.85
TORQ_SIN		0.00	694.90	-11.61	5.89	-33.16	-173.38	-7.83	53.75	21.73	-19.25	-17.56	9.54	-1.66	1.94	-10.97	-24.70
THRUST_COS		5691.65	-67.36	-0.01	8.89	42.69	-7.82	11.70	17.21	-2.27	-1.72	30.41	10.41	6.64	-5.86	5.42	36.21
THRUST_SIN		0.00	-59.47	5.07	14.04	30.98	-332.68	4.67	30.01	3.36	-7.42	-38.08	-2.83	23.33	4.91	14.42	22.38

RUN	POINT	Harmonics															
49	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.12	36.24	-18.64	-12.01	39.37	361.39	22.97	-1.43	2.43	-0.83	-15.59	-2.94	2.23	-4.27	2.37	17.31
SIDERH_SIN		0.00	166.41	14.73	5.22	10.24	28.79	7.91	-5.68	-3.77	4.38	15.71	-4.28	2.64	0.78	0.76	3.93
DRAGRH_COS		-193.89	225.31	15.10	-6.66	-14.05	-361.14	-15.75	-17.59	1.81	-4.76	14.85	-5.29	0.05	-2.50	-1.18	10.37
DRAGRH_SIN		0.00	-60.48	15.58	-4.52	10.85	128.21	-48.09	0.77	9.72	-0.89	33.59	0.44	2.94	0.92	3.64	1.01

RUN	POINT	Harmonics															
49	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	-1.34	0.00	-0.04	0.01	0.00	-0.01	0.01	0.03	0.01	0.00	-0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.65	0.00	0.01	0.01	0.00	0.00	0.01	0.02	-0.01	0.00	0.09
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-22.13	1.29	-0.46	-4.04	-7.21	-0.12	2.55	-0.95	0.05	-0.05	-0.23	0.25	0.66	0.50	0.23	-1.73
ACT1FORCE_SIN		0.00	14.15	1.14	3.95	1.24	-15.71	1.14	-0.31	0.49	0.59	0.13	0.41	0.62	-0.14	0.19	1.91
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.02	0.17	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		351.62	-17.18	-1.78	26.49	45.46	-279.31	-18.17	-0.39	0.23	-0.20	0.14	-0.02	-0.06	0.05	0.11	-1.01
FA1IBVOLTAGE_SIN		0.00	-81.09	-7.52	-28.86	-11.45	11.76	-5.58	0.52	0.12	-0.05	-0.65	-0.11	0.15	-0.07	-0.21	0.13
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.16	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		454.46	17.32	1.73	-26.45	-45.93	280.05	18.72	0.40	-0.08	0.20	0.01	0.10	0.03	-0.04	-0.12	0.94
FA1OBVOLTAGE_SIN		0.00	81.31	7.58	29.04	11.54	-13.28	5.57	-0.55	0.10	0.38	-0.55	-0.02	-0.16	0.07	0.20	-0.19
MRBLD1CB42P75_COS		-4051.80	-1649.68	2.76	338.17	-144.73	7.77	-168.23	43.55	31.51	25.27	22.97	1.10	-6.46	3.80	-34.04	11.91
MRBLD1CB42P75_SIN		0.00	-116.30	-4.91	-130.68	6.94	291.18	-49.68	80.86	-96.43	-100.32	-57.98	-15.41	17.68	9.16	-6.27	-10.69

RUN	POINT	Harmonics															
49	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2768.10	-1027.92	244.61	276.00	-258.05	-82.73	-307.48	75.14	27.03	12.67	11.11	0.06	-9.87	1.03	-18.81	11.60
MRBLD1CB70_SIN		0.00	-67.13	-9.18	-77.02	-10.49	250.10	1.48	115.75	-70.56	-104.91	-48.40	-14.02	14.93	0.35	-6.09	-14.21
MRBLD1CB120_COS		-510.89	-440.92	345.41	250.51	-324.35	-42.21	-371.19	74.46	-30.89	0.90	-15.32	11.20	10.99	1.40	6.12	-0.93
MRBLD1CB120_SIN		0.00	111.49	-112.35	-150.48	68.64	160.73	25.02	71.42	-1.48	11.32	56.20	4.78	0.65	3.34	-6.96	0.00
MRBLD1CB164_COS		-1960.10	-142.79	117.62	64.73	-207.12	-34.52	-124.93	24.23	-28.50	0.69	-18.85	16.27	16.28	6.03	12.32	-12.99
MRBLD1CB164_SIN		0.00	81.50	-45.23	-46.06	42.26	-21.29	5.91	-0.01	8.62	42.34	58.51	5.25	-1.13	3.21	6.75	14.46
MRBLD1FB42P75_COS		3137.47	263.87	-350.55	416.90	-395.37	420.36	-310.06	0.99	-122.26	-21.14	37.90	18.39	46.08	31.56	-75.61	-3.82
MRBLD1FB42P75_SIN		0.00	21.03	-28.58	-383.41	607.09	291.26	78.78	11.13	-92.33	-104.06	8.03	-42.58	-9.04	14.57	45.45	-19.71
MRBLD1FB70_COS		419.97	-11.66	-165.04	123.29	-154.98	113.80	-64.39	15.80	-5.58	1.44	2.52	0.34	-4.03	-5.77	15.07	1.58
MRBLD1FB70_SIN		0.00	-188.25	5.46	-123.89	148.85	71.84	14.63	11.17	-9.14	-1.68	2.68	6.10	5.37	-0.41	-7.78	5.40
MRBLD1FB87_COS		-74.79	17.76	-132.42	30.36	-103.30	4.98	5.59	1.79	19.31	7.19	-3.06	-0.70	-5.81	-5.29	13.39	-1.89
MRBLD1FB87_SIN		0.00	-191.54	36.87	-13.71	61.92	-3.42	-4.07	-5.18	10.31	16.98	-1.57	8.80	1.24	-0.11	-8.73	3.16
MRBLD1FB120_COS		-487.73	32.32	-185.84	-23.58	-19.91	-117.41	80.08	-21.93	12.00	-6.23	-13.02	-5.26	3.20	4.87	-20.96	2.48
MRBLD1FB120_SIN		0.00	-276.48	95.54	76.44	13.84	-98.23	-27.27	-11.09	9.75	6.08	-1.37	-10.22	-7.06	-1.49	11.39	-7.27
MRBLD1FB164_COS		-174.34	70.09	-295.86	29.09	342.67	2.93	-39.32	13.59	-24.31	2.51	13.01	11.01	-2.96	-2.61	15.62	0.32
MRBLD1FB164_SIN		0.00	-354.58	117.82	31.97	-152.52	-37.45	59.26	19.03	-26.81	1.45	-4.67	11.32	2.71	-1.24	-6.27	3.17

RUN	POINT	Harmonics															
49	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-216.35	4.24	-171.88	3.70	238.52	95.15	-89.85	7.32	7.18	10.44	-14.23	3.09	8.25	9.84	-26.82	6.20
MRBLD1FB180_SIN		0.00	-236.65	74.72	7.36	-109.32	-1.31	62.60	26.76	-28.01	15.90	-9.63	14.58	-16.41	-13.25	8.60	2.79
MRBLD1TOR51_COS		-1407.16	59.78	-3.71	88.21	44.43	105.21	20.55	12.71	4.94	7.30	-4.63	-3.40	6.10	4.39	-6.96	-10.44
MRBLD1TOR51_SIN		0.00	-83.06	13.28	-35.96	23.95	466.55	-69.27	33.47	-19.42	-2.97	-3.07	2.14	-2.14	1.41	-0.29	15.77
MRBLD1TOR71_COS		-258.11	77.85	-14.68	61.15	66.36	93.61	37.92	10.56	4.53	3.92	-7.12	-3.71	6.01	5.59	0.38	-8.54
MRBLD1TOR71_SIN		0.00	-78.57	3.34	-28.34	5.22	413.17	-51.15	29.72	-7.20	5.36	-2.29	7.10	-3.15	-0.50	-0.62	12.71
MRBLD1TOR130_COS		-29.25	68.38	1.92	35.69	92.50	94.15	21.16	12.33	-1.65	6.26	-3.55	2.27	4.13	0.49	6.11	3.39
MRBLD1TOR130_SIN		0.00	-65.93	-1.82	-13.89	-14.90	341.77	-22.56	23.43	-7.63	0.33	3.90	10.28	4.37	-0.58	-2.32	-4.23
MRBLD1TOR164_COS		-217.06	33.39	46.99	9.71	7.93	85.10	-3.63	11.09	5.62	-1.62	-3.65	2.61	5.10	2.52	0.76	11.44
MRBLD1TOR164_SIN		0.00	-21.07	-12.25	-10.44	-3.75	222.83	-3.48	11.39	4.34	3.50	-4.02	5.54	2.64	-0.64	-6.88	-13.27
MRFBM1CB26P5_COS		-4700.48	-710.55	-33.28	86.34	62.62	13.35	27.60	-6.89	-3.20	3.94	2.01	0.54	3.64	0.47	-5.09	-0.16
MRFBM1CB26P5_SIN		0.00	-130.36	7.55	-44.75	11.35	40.99	-20.62	-10.14	-9.13	1.75	2.22	-0.87	-0.11	3.13	-2.14	0.48
MRFBM1FB9_COS		288.21	39.40	121.99	-123.16	76.07	-12.78	17.83	-1.05	-1.72	-3.48	-1.27	-1.18	-0.07	0.39	1.81	-0.64
MRFBM1FB9_SIN		0.00	-42.81	23.98	44.08	-47.35	-40.23	22.74	-3.75	6.93	4.57	-0.19	0.58	-1.44	-0.87	1.82	0.20
MRFBM1TOR26P5_COS		-353.42	79.45	-0.52	0.25	0.32	0.69	0.93	-0.13	0.27	0.17	0.36	0.01	-0.16	-0.06	-0.20	-0.07
MRFBM1TOR26P5_SIN		0.00	-102.95	0.45	0.00	-0.91	4.53	-2.19	0.18	-0.15	0.05	0.12	-0.36	-0.02	0.10	0.17	0.19

RUN	POINT	Harmonics															
49	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1128.48	-1488.46	-66.15	312.32	-68.07	75.13	-112.73	20.14	0.02	17.82	14.95	5.38	5.26	5.79	-32.96	11.14
MRPC1CB33P25_SIN		0.00	-48.74	0.42	-164.50	69.85	235.80	-57.04	32.11	-75.31	-64.95	-23.93	-10.24	11.65	11.29	-8.46	-8.46
MRPC1FB33P25_COS		2288.37	195.22	-302.17	411.72	-478.92	249.11	-282.49	0.23	-51.02	41.27	22.98	40.17	36.75	7.92	-83.00	16.51
MRPC1FB33P25_SIN		0.00	197.99	-83.04	-233.93	407.75	332.41	-36.41	6.87	-128.05	-92.41	24.83	-17.86	27.22	32.32	-38.12	-18.01
MRPC1TOR25P5_COS		-748.49	-33.55	-44.20	-74.34	-86.44	-106.95	-45.98	-14.28	-9.22	-6.87	1.79	6.42	-2.71	-3.07	7.69	16.41
MRPC1TOR25P5_SIN		0.00	148.42	-55.93	56.85	-16.20	-496.05	83.48	-36.56	12.75	-5.52	-1.03	4.70	5.24	-2.09	-9.40	-26.27
MRPLK1LOAD_COS		-83.57	1.43	-2.42	-8.44	-8.64	-15.77	-4.38	-1.61	-0.92	-1.40	-0.93	0.44	0.17	-0.08	2.73	1.94
MRPLK1LOAD_SIN		0.00	-10.01	-4.03	5.60	-3.20	-66.89	12.64	-4.40	2.11	-0.12	-0.64	2.13	0.66	-0.88	-1.93	-4.02
PITCHRH_COS		9100.96	-8639.54	-486.92	-18.14	-143.10	-1349.88	-43.30	-194.44	-4.98	146.42	212.37	-96.74	-5.91	11.94	-32.94	-630.66
PITCHRH_SIN		0.00	2386.51	-710.71	103.09	-193.38	2801.69	223.01	29.15	118.35	-81.35	-84.72	-94.74	-27.17	-87.99	-31.23	-226.31
ROLLRH_COS		2355.19	-2030.75	692.18	31.50	-479.08	-4000.98	-249.54	28.16	141.83	30.31	176.45	129.40	-68.23	19.66	-21.40	144.48
ROLLRH_SIN		0.00	-8258.40	-537.18	34.28	-332.81	-1048.48	74.78	-73.90	54.22	3.67	-250.61	-109.26	89.67	-213.90	127.98	-373.87
TORQ_COS		31715.60	413.25	13.41	-13.99	-106.85	117.15	-13.80	30.01	-3.50	0.30	-3.14	6.10	1.37	-4.20	-6.11	5.57
TORQ_SIN		0.00	681.73	-21.06	12.83	10.21	-283.61	3.58	41.66	18.98	-15.87	-9.25	5.20	2.56	5.38	-13.48	-17.01
THRUST_COS		5700.50	-71.41	-0.51	9.37	32.73	-152.92	11.20	32.13	3.09	-15.06	-42.95	-0.91	23.59	1.32	10.71	-30.57
THRUST_SIN		0.00	-62.30	8.87	15.35	15.86	-260.98	1.30	22.13	5.41	-2.10	-43.64	-2.61	3.53	-0.42	-9.33	7.36

RUN	POINT	Harmonics															
49	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.21	27.79	-17.80	-5.11	67.04	364.49	20.53	-4.82	-2.03	-1.43	-2.75	-4.71	2.77	-0.88	0.56	-4.80
SIDERH_SIN		0.00	167.77	14.32	5.61	-10.95	-181.47	0.62	-2.41	-4.05	1.92	16.33	3.37	-0.92	6.21	-3.72	10.08
DRAGRH_COS		-193.82	224.25	15.63	-8.82	-9.32	-233.48	-34.93	-11.12	11.29	-7.84	25.06	2.16	2.78	-0.16	3.01	27.39
DRAGRH_SIN		0.00	-59.83	14.31	-1.67	10.84	326.86	-44.51	10.07	2.30	2.44	6.01	2.68	0.22	4.44	1.24	5.48

RUN	POINT	Harmonics															
49	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	-1.49	0.00	-0.02	0.02	-0.02	0.00	-0.02	0.00	0.00	0.01	0.10
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.03	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.01	0.03
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.76	1.20	-0.64	-3.19	-6.58	-8.01	3.04	-0.72	0.58	0.11	-0.18	-0.23	0.07	0.03	0.71	2.37
ACT1FORCE_SIN		0.00	14.28	1.67	4.05	3.58	-14.11	-0.33	0.38	0.07	-0.02	0.06	0.17	0.22	0.00	0.28	1.68
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.01	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.02	0.16	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		355.25	-14.84	-0.70	18.01	39.57	-234.29	-20.85	0.23	0.26	-0.16	-0.60	-0.17	0.02	0.06	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-81.51	-11.22	-30.28	-26.53	152.60	6.00	0.44	-0.06	0.07	-0.48	-0.23	0.09	-0.03	-0.14	1.08
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.06	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.02	-0.15	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		450.85	14.94	0.65	-18.00	-40.03	234.47	21.35	-0.16	-0.09	0.39	-0.36	0.05	0.01	-0.06	0.04	0.02
FA1OBVOLTAGE_SIN		0.00	81.77	11.31	30.43	26.76	-153.81	-6.27	-0.42	0.14	0.10	-0.23	0.07	-0.08	0.05	0.16	-1.04
MRBLD1CB42P75_COS		-4091.07	-1465.84	33.77	271.12	-197.65	153.12	-170.92	126.53	10.03	-43.58	71.80	-25.93	2.41	-3.06	-53.14	21.66
MRBLD1CB42P75_SIN		0.00	13.13	10.59	-175.71	101.94	209.72	8.21	24.00	-50.67	-43.68	-77.25	26.88	28.14	4.08	6.93	-20.06

RUN	POINT	Harmonics															
49	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2740.41	-920.25	300.33	210.40	-363.27	42.19	-302.11	145.85	20.67	-51.37	46.27	-14.42	-0.11	-2.56	-29.89	17.90
MRBLD1CB70_SIN		0.00	19.75	13.51	-126.94	159.65	213.49	137.43	49.21	-35.53	-35.00	-67.57	14.71	24.06	1.46	6.58	-18.82
MRBLD1CB120_COS		-530.29	-396.04	405.76	194.02	-361.47	29.13	-360.22	109.05	-20.48	17.11	-6.41	16.53	6.15	8.20	0.00	10.19
MRBLD1CB120_SIN		0.00	147.60	-82.03	-190.31	264.94	132.16	204.96	16.92	-7.37	-13.44	68.44	-10.15	-4.15	8.72	-6.63	-0.02
MRBLD1CB164_COS		-1967.49	-134.46	127.10	41.50	-215.35	-53.14	-128.92	12.63	-23.61	39.90	-14.57	15.87	13.35	8.99	15.18	-18.35
MRBLD1CB164_SIN		0.00	93.21	-35.54	-61.58	137.42	-12.31	79.60	-6.58	-8.79	-6.50	79.73	-7.83	-3.32	0.52	-6.26	13.48
MRBLD1FB42P75_COS		3145.64	219.91	-373.68	254.74	-56.49	483.90	-221.46	84.40	-127.52	-64.61	125.24	18.51	47.55	41.74	-60.00	-2.40
MRBLD1FB42P75_SIN		0.00	-3.68	-55.54	-359.44	735.00	-12.67	140.37	-120.51	-48.84	-105.00	-52.72	21.60	-0.85	14.14	110.66	-82.16
MRBLD1FB70_COS		420.60	-5.28	-180.22	74.60	-65.76	130.86	-49.07	31.46	-7.31	-1.65	2.30	0.36	-4.01	-8.02	13.31	2.14
MRBLD1FB70_SIN		0.00	-185.80	-7.64	-125.40	202.35	-11.23	30.83	-16.29	-2.87	1.16	0.93	4.52	4.70	-0.80	-22.12	15.86
MRBLD1FB87_COS		-71.75	20.53	-151.55	10.52	-68.46	-3.11	1.31	-7.31	20.31	15.58	-23.02	-0.60	-6.61	-6.37	9.89	-2.41
MRBLD1FB87_SIN		0.00	-187.94	22.35	-16.47	92.27	-14.87	-4.95	6.75	3.46	14.53	13.48	-6.73	-1.44	-0.29	-21.17	16.39
MRBLD1FB120_COS		-480.70	28.52	-210.14	-44.16	-39.08	-151.92	64.45	-39.79	12.47	-0.98	-5.97	-4.75	4.24	8.33	-16.14	1.56
MRBLD1FB120_SIN		0.00	-271.78	70.63	85.40	10.42	-27.69	-49.98	29.20	2.65	6.31	-2.68	-3.73	-4.50	-0.63	30.44	-24.39
MRBLD1FB164_COS		-164.32	70.88	-292.77	-19.41	218.72	0.74	-15.40	46.96	-29.41	-0.53	-6.21	13.78	-2.10	-5.15	11.45	-1.22
MRBLD1FB164_SIN		0.00	-354.83	92.56	60.04	-250.90	6.00	59.79	-33.60	-20.29	-4.19	2.47	-2.16	2.58	0.96	-14.50	13.00

RUN	POINT	Harmonics															
49	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-208.91	9.94	-161.87	-24.06	155.15	92.69	-58.64	34.55	-7.27	20.30	-61.05	9.40	11.21	18.00	-23.28	7.86
MRBLD1FB180_SIN		0.00	-239.19	61.47	19.80	-176.11	-22.60	75.54	-18.25	-25.99	2.80	22.06	-14.24	-10.73	-9.47	33.57	-26.12
MRBLD1TOR51_COS		-1404.14	64.49	-2.29	63.03	48.44	320.93	-16.51	32.38	-3.87	3.39	-9.11	0.63	1.85	4.21	-8.63	22.66
MRBLD1TOR51_SIN		0.00	-78.69	7.50	-40.19	-1.62	344.92	-75.67	-0.98	-17.48	-7.96	-3.84	0.16	-0.67	2.30	2.78	5.46
MRBLD1TOR71_COS		-256.21	81.06	-15.67	45.56	63.66	284.56	6.05	21.33	-1.88	4.30	-14.90	2.90	1.07	4.87	-2.59	15.77
MRBLD1TOR71_SIN		0.00	-76.15	-1.87	-31.07	-27.78	309.70	-63.29	2.47	-7.92	-0.46	0.64	1.11	-2.85	0.24	-1.36	6.15
MRBLD1TOR130_COS		-27.38	70.74	1.17	27.59	75.84	248.18	3.68	21.18	-6.25	4.15	1.63	1.58	2.82	-0.26	1.99	-7.71
MRBLD1TOR130_SIN		0.00	-64.50	-3.91	-14.40	-53.79	251.17	-28.22	-0.68	-4.77	-2.86	12.04	9.28	3.35	0.15	-6.75	-1.44
MRBLD1TOR164_COS		-217.78	35.20	46.84	13.65	8.67	181.91	-7.88	9.25	4.46	1.98	-8.07	4.21	5.48	3.25	-5.30	-12.52
MRBLD1TOR164_SIN		0.00	-19.49	-9.20	-12.82	-7.78	145.06	0.16	1.49	3.76	6.96	4.01	4.16	2.63	0.87	-5.13	-12.08
MRFBM1CB26P5_COS		-4728.74	-613.65	-28.01	78.17	68.55	38.33	23.78	-2.64	-6.68	4.25	6.35	-1.33	2.13	0.96	-8.42	3.18
MRFBM1CB26P5_SIN		0.00	-58.73	10.97	-47.71	-17.77	28.34	-36.49	-9.62	-4.45	-4.75	2.24	1.73	-0.59	2.88	-0.25	-1.43
MRFBM1FB9_COS		300.64	-43.89	126.05	-80.21	49.43	-31.65	23.10	-10.52	0.04	-0.62	-5.00	1.27	-0.08	0.51	3.26	-2.46
MRFBM1FB9_SIN		0.00	-51.31	38.71	52.83	-78.98	-19.76	16.87	-1.03	5.61	4.49	-1.69	-0.49	-2.01	-0.95	1.31	-0.28
MRFBM1TOR26P5_COS		-353.44	79.05	-0.65	0.13	-0.33	2.83	-0.35	0.06	0.12	0.05	0.16	-0.11	-0.10	0.00	0.03	0.19
MRFBM1TOR26P5_SIN		0.00	-103.48	0.42	0.06	-1.29	3.53	-2.61	0.19	-0.14	-0.04	-0.37	-0.17	0.03	0.08	0.27	0.03

RUN	POINT	Harmonics															
49	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1158.83	-1325.23	-40.90	256.24	-54.47	188.47	-113.97	80.81	-14.90	-21.69	60.87	-13.60	7.42	2.99	-52.64	24.78
MRPC1CB33P25_SIN		0.00	48.97	13.68	-193.00	109.38	142.99	-25.22	-9.49	-40.16	-40.21	-35.85	22.05	17.42	9.48	7.25	-20.95
MRPC1FB33P25_COS		2295.20	155.24	-313.28	272.22	-234.33	375.20	-227.67	118.19	-72.01	5.83	122.44	-1.03	31.79	14.55	-131.17	67.00
MRPC1FB33P25_SIN		0.00	168.78	-107.69	-242.96	595.75	111.54	46.39	-62.00	-93.48	-112.66	30.56	28.10	33.07	41.29	13.00	-47.34
MRPC1TOR25P5_COS		-752.82	-42.28	-42.03	-50.43	-86.70	-337.99	1.17	-30.82	1.41	-6.49	15.10	0.63	0.62	-4.79	-4.17	-26.09
MRPC1TOR25P5_SIN		0.00	141.03	-52.90	57.44	29.01	-374.90	98.81	-4.18	14.26	4.95	7.03	7.68	2.92	-1.40	-13.43	-14.05
MRPLK1LOAD_COS		-84.25	1.36	-2.46	-5.16	-9.21	-46.71	2.67	-4.03	0.41	-0.60	0.80	0.49	0.30	-0.63	0.31	-4.26
MRPLK1LOAD_SIN		0.00	-10.68	-3.20	5.72	1.79	-49.43	13.99	0.24	2.05	1.16	2.26	1.46	0.08	-0.64	-3.63	-1.37
PITCHRH_COS		10494.88	-8647.28	-497.10	42.06	-180.47	176.88	-8.67	-172.28	76.64	139.94	236.99	-154.90	-34.61	-48.21	-73.19	-659.27
PITCHRH_SIN		0.00	2415.07	-698.66	106.32	-148.35	3033.94	197.62	168.85	143.58	-125.28	-210.17	2.46	-14.77	-4.24	25.94	312.91
ROLLRH_COS		2594.24	-2010.03	717.23	42.19	-581.78	-4338.21	-32.53	20.24	144.73	179.39	183.11	0.84	-4.78	-114.48	182.85	-175.40
ROLLRH_SIN		0.00	-8208.76	-527.42	29.01	-206.24	769.94	99.51	-119.49	22.15	85.67	-227.55	-187.51	66.53	-213.40	134.83	-764.48
TORQ_COS		31054.18	432.43	4.42	-2.23	-21.70	-69.74	-11.22	24.58	6.16	-3.60	-3.49	0.25	7.67	-4.34	-6.11	12.53
TORQ_SIN		0.00	723.13	-23.78	22.88	12.17	-281.35	9.52	29.46	-2.70	-10.14	2.61	2.12	0.30	7.50	-10.63	-21.53
THRUST_COS		5743.58	-70.84	-0.08	18.52	16.05	-245.13	7.54	35.72	0.41	-16.02	-79.33	-9.49	16.25	-1.59	-5.82	-35.10
THRUST_SIN		0.00	-60.58	10.97	14.32	8.48	-129.70	-0.07	15.28	0.61	3.47	29.99	-7.00	-4.71	1.41	-11.94	46.01

RUN	POINT	Harmonics															
49	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.66	23.06	-19.56	-5.72	79.70	286.65	10.18	-5.34	-4.63	-7.86	-0.38	0.05	1.68	3.12	-5.08	5.09
SIDERH_SIN		0.00	159.50	16.20	4.80	-34.28	-349.66	-0.10	1.94	-4.12	-2.10	8.50	7.97	-1.34	6.42	-4.27	22.64
DRAGRH_COS		-182.68	223.49	15.24	-8.55	-3.41	-45.07	-38.92	-6.64	7.52	-13.78	14.76	8.31	2.78	2.56	2.57	25.39
DRAGRH_SIN		0.00	-60.01	14.02	0.80	6.76	441.06	-21.85	8.43	-6.43	5.19	-14.91	-1.44	-2.53	1.36	-3.70	-13.96

RUN	POINT	Harmonics															
49	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.00	-1.24	0.00	0.01	0.03	-0.01	0.02	-0.01	-0.01	0.01	0.01	0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.05	0.01	0.02	-0.02	0.01	0.00	0.03	0.01	-0.09
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-22.79	1.30	0.16	-2.70	-4.79	-14.25	2.65	-0.26	0.65	0.11	0.54	-0.27	-0.23	-0.04	0.50	1.82
ACT1FORCE_SIN		0.00	13.91	1.53	3.28	4.82	-9.09	-1.51	1.19	0.40	0.02	-0.03	0.01	-0.14	0.43	-0.02	-1.92
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	-0.01	0.14	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		355.80	-15.06	-3.35	13.46	26.71	-124.54	-16.88	0.63	0.31	0.14	-0.50	-0.15	0.00	-0.10	-0.12	1.03
FA1IBVOLTAGE_SIN		0.00	-78.38	-10.24	-23.51	-32.23	254.06	14.36	0.23	-0.13	0.28	0.19	0.00	0.02	0.12	0.08	0.16
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.13	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		450.30	15.19	3.35	-13.45	-27.06	124.05	17.19	-0.57	-0.13	0.12	-0.60	-0.04	0.02	0.12	0.12	-0.97
FA1OBVOLTAGE_SIN		0.00	78.64	10.35	23.64	32.62	-255.21	-14.85	-0.26	0.09	-0.30	0.36	-0.02	-0.01	-0.11	-0.10	-0.11
MRBLD1CB42P75_COS		-4086.25	-1523.60	12.29	186.36	-228.28	249.07	-135.75	128.98	18.41	-36.38	98.33	-24.12	3.68	-14.28	-48.07	8.75
MRBLD1CB42P75_SIN		0.00	-72.45	-8.72	-131.65	208.92	77.62	62.01	-46.19	-52.19	40.89	-81.10	94.53	17.88	2.99	28.45	-26.42

RUN	POINT	Harmonics															
49	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2739.28	-956.06	325.19	109.82	-401.59	151.15	-212.85	147.88	30.97	-36.47	45.75	-5.12	5.35	-10.93	-28.77	11.95
MRBLD1CB70_SIN		0.00	-28.47	3.40	-98.12	362.84	142.53	246.85	-26.60	-56.08	56.13	-87.16	58.72	14.78	1.84	19.23	-25.85
MRBLD1CB120_COS		-552.74	-401.28	445.56	100.89	-318.45	94.39	-247.59	103.36	-21.62	11.60	6.10	12.31	2.74	13.98	-5.41	8.12
MRBLD1CB120_SIN		0.00	111.93	-71.37	-150.74	472.57	95.22	360.13	-29.94	-26.73	-50.59	45.16	-36.35	0.36	5.72	-4.11	-12.24
MRBLD1CB164_COS		-1972.55	-132.94	135.28	9.33	-173.92	-55.92	-90.64	8.99	-32.71	30.15	14.05	3.15	9.73	12.94	11.54	-19.19
MRBLD1CB164_SIN		0.00	79.85	-33.10	-40.75	230.13	12.05	146.85	-4.93	-12.94	-75.08	75.59	-30.62	-1.58	-2.93	-12.28	15.92
MRBLD1FB42P75_COS		3136.42	242.97	-445.04	164.93	306.73	407.09	-113.53	19.66	-145.58	-92.48	195.82	35.48	39.35	40.89	-1.49	-67.16
MRBLD1FB42P75_SIN		0.00	6.58	-65.75	-104.41	735.34	-311.49	189.43	-193.06	-29.50	-117.96	-147.75	78.95	15.95	15.33	118.11	-75.92
MRBLD1FB70_COS		420.67	-0.45	-213.83	43.70	39.92	112.23	-24.90	21.59	-8.72	-2.28	2.16	1.96	-3.67	-8.44	1.23	13.65
MRBLD1FB70_SIN		0.00	-189.26	-14.56	-49.59	219.84	-90.96	45.89	-30.86	0.40	2.92	-0.30	3.25	3.11	-1.16	-26.00	13.69
MRBLD1FB87_COS		-65.46	24.34	-179.20	-0.56	-22.02	-15.82	-4.49	-2.98	22.85	18.09	-38.74	-6.26	-5.61	-5.73	-3.22	9.49
MRBLD1FB87_SIN		0.00	-187.10	11.45	17.62	104.45	-22.67	-8.23	12.72	0.22	14.79	34.25	-22.69	-5.50	-0.97	-21.17	15.22
MRBLD1FB120_COS		-465.43	21.79	-239.94	-45.94	-49.85	-149.05	35.30	-24.16	9.47	2.94	1.12	-3.45	6.00	7.27	2.78	-13.96
MRBLD1FB120_SIN		0.00	-252.21	45.20	118.97	7.43	49.96	-67.65	50.73	-0.82	2.15	-4.84	5.72	0.99	-0.34	29.92	-22.16
MRBLD1FB164_COS		-159.34	62.06	-313.22	-45.10	50.71	4.53	12.87	30.74	-26.13	-0.12	-17.10	8.83	-1.11	-5.31	2.05	9.34
MRBLD1FB164_SIN		0.00	-325.32	65.61	127.79	-287.10	46.31	64.20	-65.85	-14.78	-6.43	16.58	-16.66	-2.08	-0.23	-15.14	11.79

RUN	POINT	Harmonics															
49	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-204.61	7.66	-168.46	-35.67	45.19	73.70	-21.28	16.71	-15.56	24.30	-84.45	-11.78	11.94	17.54	-4.92	-26.41
MRBLD1FB180_SIN		0.00	-220.83	47.56	52.48	-196.34	-32.49	87.68	-47.62	-25.05	-11.78	67.71	-42.16	-7.19	-6.88	33.71	-31.07
MRBLD1TOR51_COS		-1404.08	65.21	-18.11	37.14	33.50	454.40	-37.82	25.94	-4.62	3.32	-10.98	3.30	0.94	4.76	-4.67	14.65
MRBLD1TOR51_SIN		0.00	-74.78	1.68	-15.61	-23.32	136.58	-59.50	-13.78	-9.39	-10.37	-2.84	-5.72	-1.21	2.52	5.61	-28.36
MRBLD1TOR71_COS		-255.51	82.64	-29.81	28.76	41.12	403.48	-14.48	15.52	-1.71	4.17	-17.79	4.80	-0.39	5.44	-3.94	11.16
MRBLD1TOR71_SIN		0.00	-72.27	-5.80	-15.89	-54.38	128.75	-55.46	-3.35	0.10	-6.67	4.86	-8.15	-2.75	0.37	1.47	-18.19
MRBLD1TOR130_COS		-25.04	70.28	-8.09	18.72	38.01	339.09	-3.10	14.52	-4.71	2.28	11.40	-1.33	0.48	0.06	-5.99	-6.35
MRBLD1TOR130_SIN		0.00	-61.40	-5.99	-7.82	-79.82	97.20	-23.26	-7.78	2.67	-9.37	14.94	9.74	2.44	0.07	-4.51	9.77
MRBLD1TOR164_COS		-217.62	35.53	46.19	13.94	5.81	230.21	-5.00	2.70	4.24	5.04	-8.07	2.92	4.76	3.05	-8.39	-13.96
MRBLD1TOR164_SIN		0.00	-20.14	-5.59	-20.40	-9.34	30.44	4.32	-0.66	4.04	1.77	10.64	2.17	3.59	0.17	-0.33	10.76
MRFBM1CB26P5_COS		-4725.33	-642.90	-45.51	75.33	55.89	49.82	11.10	-3.06	-6.48	1.60	15.51	-3.55	-0.47	1.42	-6.75	0.15
MRFBM1CB26P5_SIN		0.00	-105.50	5.16	-39.50	-52.55	5.34	-46.39	-8.18	-0.12	-9.79	5.69	4.42	0.64	2.49	3.38	-4.00
MRFBM1FB9_COS		293.92	-6.94	164.61	-35.48	12.62	-39.66	26.47	-11.64	0.78	0.19	-8.33	2.70	0.14	0.82	3.32	-2.70
MRFBM1FB9_SIN		0.00	-38.06	57.26	1.30	-98.60	6.25	7.40	5.83	6.67	2.82	-1.52	-2.75	-1.77	-0.80	-0.32	1.51
MRFBM1TOR26P5_COS		-353.41	79.60	-0.77	0.26	-1.53	4.54	-1.76	0.26	0.05	0.00	-0.30	-0.01	-0.03	0.00	0.30	0.07
MRFBM1TOR26P5_SIN		0.00	-102.76	0.47	0.13	-1.23	1.68	-2.35	0.17	-0.12	0.35	-0.64	-0.06	0.03	0.11	0.08	-0.26

RUN	POINT	Harmonics															
49	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1151.48	-1372.94	-73.91	197.35	-48.24	245.20	-100.13	76.20	-9.36	-16.98	99.31	-16.05	3.42	-4.36	-45.04	8.08
MRPC1CB33P25_SIN		0.00	-26.28	-2.98	-142.86	138.99	7.05	12.07	-57.33	-34.56	-3.28	-42.32	67.99	14.35	8.65	28.14	-31.47
MRPC1FB33P25_COS		2286.27	174.17	-366.77	152.02	64.54	391.62	-151.91	96.79	-91.31	-9.51	226.14	-25.57	14.92	12.53	-105.80	28.45
MRPC1FB33P25_SIN		0.00	176.89	-124.17	-49.49	686.93	-141.64	123.17	-145.82	-89.36	-131.66	0.43	80.48	38.76	40.86	69.02	-96.85
MRPC1TOR25P5_COS		-752.73	-41.42	-25.36	-28.65	-58.22	-486.39	36.38	-26.69	4.46	-4.70	27.76	-4.89	-1.27	-5.71	-18.53	-18.29
MRPC1TOR25P5_SIN		0.00	134.50	-45.98	35.45	66.64	-159.87	84.74	5.17	5.08	7.80	8.31	17.59	2.68	-1.35	-5.28	28.90
MRPLK1LOAD_COS		-84.64	1.08	-0.14	-2.47	-6.48	-66.15	7.49	-3.40	0.83	-0.27	3.66	-0.47	-0.04	-0.60	-3.51	-2.23
MRPLK1LOAD_SIN		0.00	-11.58	-2.57	2.52	5.91	-19.63	11.27	1.60	1.33	0.13	3.54	1.96	-0.11	-0.73	-2.13	5.12
PITCHRH_COS		9865.43	-8683.60	-495.52	45.15	-219.67	1620.73	-45.86	-71.50	189.27	62.02	4.18	-144.88	9.11	0.69	-17.18	-273.68
PITCHRH_SIN		0.00	2381.18	-691.30	67.41	-47.97	2501.56	120.89	214.25	111.78	-110.81	-386.54	77.79	0.17	37.48	36.31	417.80
ROLLRH_COS		2335.22	-2020.94	747.51	10.16	-660.15	-3977.47	94.83	-33.92	187.65	160.71	241.91	-138.52	55.87	-202.81	135.46	-676.68
ROLLRH_SIN		0.00	-8244.06	-508.07	19.23	52.68	2646.57	12.20	-139.96	-27.34	11.80	-1.78	-145.58	-8.27	-10.20	-77.62	-540.23
TORQ_COS		31329.69	432.43	9.48	9.99	33.87	-223.85	-9.72	12.76	-3.70	-5.53	-26.72	-0.23	9.89	-5.51	-1.26	5.23
TORQ_SIN		0.00	696.10	-27.40	23.23	23.21	-210.08	14.18	11.32	-25.84	-8.28	-12.24	0.71	-7.69	5.09	-7.96	-47.02
THRUST_COS		5726.70	-77.95	2.59	25.81	3.46	-280.62	0.49	29.74	-4.40	-14.40	-62.78	-3.76	8.81	4.66	-20.47	9.45
THRUST_SIN		0.00	-57.82	12.25	8.66	6.43	36.65	-4.26	6.43	-1.11	6.41	88.64	-4.72	-9.35	6.26	-10.63	47.82

RUN	POINT	Harmonics															
49	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.65	28.42	-18.76	-2.43	71.62	121.90	1.46	-3.01	-7.50	-7.32	-7.39	5.24	-0.23	6.02	-4.00	20.73
SIDERH_SIN		0.00	166.71	15.22	4.53	-84.23	-466.37	2.89	6.85	0.67	-0.07	-6.09	7.58	-0.69	0.72	1.62	16.05
DRAGRH_COS		-186.28	223.85	14.87	-8.19	-4.63	202.87	-26.78	4.44	-3.21	-4.26	-1.80	11.99	-2.56	2.00	-1.68	14.24
DRAGRH_SIN		0.00	-60.82	13.21	3.73	7.44	483.28	-1.59	0.77	-4.78	2.95	-19.34	-5.95	-1.70	-0.94	-2.69	-18.18

RUN	POINT	Harmonics															
49	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	0.02	0.01	0.02	0.02	0.03	-0.01	-0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.06	0.00	0.03	-0.02	0.00	-0.01	-0.01	0.01	0.09
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-23.06	1.19	0.92	-2.16	-0.14	-15.19	-0.02	1.65	-0.05	0.06	0.74	0.53	0.50	0.74	-0.25	-1.54
ACT1FORCE_SIN		0.00	13.83	1.76	2.15	4.17	6.59	-3.75	1.60	0.24	0.60	-0.04	0.12	-0.09	-0.25	0.04	2.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	-0.01	0.16	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		358.82	-12.93	-10.17	8.10	-2.84	161.03	4.33	0.84	0.06	0.22	0.54	0.26	0.07	0.00	0.15	-1.15
FA1IBVOLTAGE_SIN		0.00	-79.24	-14.19	-11.81	-23.71	244.76	25.44	-0.66	-0.08	-0.01	0.37	0.19	0.18	0.07	-0.01	-0.19
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	-0.16	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		447.30	13.14	10.26	-8.09	2.94	-162.84	-4.69	-0.91	-0.02	-0.21	0.56	-0.17	-0.07	-0.02	-0.13	1.10
FA1OBVOLTAGE_SIN		0.00	79.47	14.28	11.96	24.19	-244.63	-26.01	0.52	-0.03	-0.13	0.39	0.02	-0.17	-0.08	0.02	0.11
MRBLD1CB42P75_COS		-4044.55	-1557.54	23.85	85.29	-124.98	140.09	-17.41	-77.25	-27.01	101.39	66.59	-11.93	-43.97	-8.81	-25.19	0.43
MRBLD1CB42P75_SIN		0.00	-142.47	-54.80	70.26	377.23	-255.99	138.62	-220.35	-76.31	22.85	-83.50	58.33	-8.24	10.15	36.87	-27.93

RUN	POINT	Harmonics															
49	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2763.32	-981.93	354.76	-27.27	-163.97	123.85	24.90	-40.10	-48.87	103.79	-34.50	3.45	-23.49	0.96	-18.14	-3.17
MRBLD1CB70_SIN		0.00	-58.94	-58.74	94.44	686.82	-149.01	310.19	-182.48	-85.58	22.97	-70.19	32.02	-5.96	8.24	25.92	-29.07
MRBLD1CB120_COS		-560.40	-405.54	498.95	-8.75	-0.52	72.40	84.10	-20.68	-57.39	-57.49	-32.84	15.91	28.95	12.12	-2.67	-0.84
MRBLD1CB120_SIN		0.00	63.53	-109.37	29.89	688.44	-100.08	416.91	-90.18	-18.36	-29.30	26.78	-12.12	13.09	0.38	-7.59	-3.80
MRBLD1CB164_COS		-1966.04	-126.41	150.32	-22.06	-2.50	-37.60	36.86	20.13	-33.06	-85.54	26.92	4.71	11.45	3.38	15.43	-7.78
MRBLD1CB164_SIN		0.00	55.00	-41.57	31.28	301.35	30.42	164.47	21.76	11.13	-47.97	37.19	0.12	12.87	-2.42	-13.05	25.92
MRBLD1FB42P75_COS		3107.36	267.57	-491.48	295.89	606.47	-148.71	138.43	-432.04	-97.28	-90.92	140.38	36.85	27.61	25.90	19.03	-51.23
MRBLD1FB42P75_SIN		0.00	1.73	-40.06	383.69	212.92	-544.90	147.56	-219.16	2.07	-39.21	-189.52	79.60	3.82	6.35	76.80	-20.91
MRBLD1FB70_COS		416.27	11.94	-231.66	77.84	153.40	-35.44	36.60	-61.30	-5.49	1.89	-0.61	2.31	-2.06	-5.39	-4.68	10.76
MRBLD1FB70_SIN		0.00	-205.39	-0.66	105.71	87.58	-161.50	41.93	-40.32	2.86	2.07	0.26	0.62	3.99	0.66	-16.86	4.34
MRBLD1FB87_COS		-65.24	33.97	-198.57	18.30	35.42	-42.82	-14.96	37.38	17.43	16.32	-25.82	-5.83	-1.65	-4.28	-6.15	5.89
MRBLD1FB87_SIN		0.00	-194.06	22.19	88.67	52.17	-16.51	-7.83	19.21	-5.54	4.88	41.66	-19.88	-1.50	-0.16	-13.51	5.56
MRBLD1FB120_COS		-449.79	19.78	-288.73	-8.80	-46.45	-25.55	-44.97	94.82	1.38	-2.20	3.92	-5.60	2.08	6.65	6.91	-8.73
MRBLD1FB120_SIN		0.00	-219.81	40.22	172.26	30.11	160.74	-65.99	53.65	-1.36	-6.84	-10.52	11.07	-3.47	-1.77	17.69	-11.56
MRBLD1FB164_COS		-157.94	48.28	-355.38	-1.47	-174.13	82.78	77.83	-128.91	-9.01	9.39	-14.25	3.70	4.75	-1.71	3.53	10.95
MRBLD1FB164_SIN		0.00	-269.01	36.97	253.85	-94.99	48.73	26.36	-83.05	-5.77	2.63	28.21	-16.98	-0.59	3.55	-8.39	7.57

RUN	POINT	Harmonics															
49	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-198.96	5.29	-188.70	-6.35	-96.14	37.85	69.44	-120.65	2.18	18.43	-54.65	-15.15	7.90	14.94	3.82	-17.72
MRBLD1FB180_SIN		0.00	-188.27	32.74	123.34	-69.30	-58.87	44.34	-73.48	-16.61	-27.47	68.52	-17.68	-3.39	-9.53	16.76	-10.72
MRBLD1TOR51_COS		-1403.12	68.92	-33.63	23.47	-21.13	325.72	-53.37	-43.56	-4.10	8.74	-12.10	3.51	3.88	7.76	0.55	-12.14
MRBLD1TOR51_SIN		0.00	-71.99	-1.38	50.54	-37.22	-342.52	16.06	-30.44	4.63	-10.49	-5.25	-10.37	-0.82	0.12	8.00	7.17
MRBLD1TOR71_COS		-255.32	87.37	-42.10	19.12	-26.37	299.81	-42.31	-28.99	-0.30	3.32	-13.89	3.22	4.10	6.20	1.83	-7.05
MRBLD1TOR71_SIN		0.00	-71.94	-4.16	24.68	-62.42	-293.40	3.37	-5.04	9.95	-8.78	-0.29	-10.61	-0.47	-0.58	4.63	5.56
MRBLD1TOR130_COS		-22.27	70.49	-15.24	12.60	-43.73	238.93	-14.70	-29.28	-0.99	-3.45	14.38	-2.08	-0.36	-1.40	-2.30	4.14
MRBLD1TOR130_SIN		0.00	-58.19	-6.03	8.86	-62.92	-251.02	7.41	-12.48	8.19	-9.49	0.61	7.73	3.23	-0.11	-2.35	-3.50
MRBLD1TOR164_COS		-216.11	36.27	49.79	7.44	-7.42	126.31	-2.49	-13.93	4.20	3.55	-0.18	-2.23	0.95	-0.02	-3.84	11.02
MRBLD1TOR164_SIN		0.00	-23.02	-2.05	-33.15	-12.95	-195.83	12.80	3.40	2.01	-6.92	5.45	4.48	2.58	2.08	-1.25	-12.53
MRFBM1CB26P5_COS		-4699.36	-660.04	-45.16	69.96	-5.69	33.50	-12.52	-11.83	3.10	-4.79	30.71	-3.05	-0.26	-0.64	-2.66	0.39
MRFBM1CB26P5_SIN		0.00	-144.30	-1.19	-18.72	-81.76	-39.64	-38.82	-15.04	0.81	-2.40	-0.47	4.53	1.14	0.87	2.82	-1.11
MRFBM1FB9_COS		274.66	20.77	193.66	-20.96	-43.78	-8.78	15.13	6.05	2.63	-1.93	-6.25	1.78	0.33	0.40	2.25	-0.98
MRFBM1FB9_SIN		0.00	-25.64	59.05	-127.07	-64.89	49.80	-13.07	26.88	5.90	0.82	0.42	-2.39	-0.35	-0.62	-0.87	1.86
MRFBM1TOR26P5_COS		-353.24	79.45	-0.77	0.15	-2.16	3.73	-2.54	0.11	0.02	0.46	-0.79	0.14	0.01	0.06	0.08	-0.20
MRFBM1TOR26P5_SIN		0.00	-102.38	0.38	0.24	-0.28	-3.17	0.30	-0.24	0.17	0.48	0.09	-0.13	0.03	0.03	-0.01	0.24

RUN	POINT	Harmonics															
49	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1113.43	-1397.70	-72.67	144.04	-19.35	99.68	-16.44	-93.85	-15.17	44.76	91.10	-11.39	-23.42	-3.41	-23.15	-0.25
MRPC1CB33P25_SIN		0.00	-96.56	-36.78	30.81	150.67	-256.58	80.55	-176.92	-43.45	-6.76	-62.83	48.64	-0.10	10.68	31.63	-24.20
MRPC1FB33P25_COS		2262.65	193.90	-407.54	174.50	440.75	12.04	72.30	-246.46	-74.34	-42.54	206.51	-24.89	14.52	10.99	-58.67	-8.64
MRPC1FB33P25_SIN		0.00	171.73	-108.56	372.72	336.94	-466.98	165.36	-347.65	-46.94	-73.09	-57.73	80.16	20.84	24.27	62.63	-61.46
MRPC1TOR25P5_COS		-754.18	-43.33	-8.08	-20.22	28.60	-370.67	66.24	31.86	-1.24	-7.51	31.80	-6.66	-8.06	-8.22	-10.91	17.92
MRPC1TOR25P5_SIN		0.00	128.26	-42.34	-24.09	84.25	350.82	-3.92	14.15	-12.52	4.47	1.20	21.32	0.54	1.46	-2.67	-24.08
MRPLK1LOAD_COS		-84.78	0.84	2.40	-2.22	2.68	-47.94	9.92	5.61	0.82	-2.47	6.22	-1.31	-1.00	-1.41	-1.42	3.15
MRPLK1LOAD_SIN		0.00	-12.73	-2.66	-5.67	8.34	49.30	-2.43	3.45	-1.26	-0.80	0.03	2.68	-0.36	-0.15	-0.88	-3.85
PITCHRH_COS		9440.05	-8593.44	-478.03	70.23	-200.83	2530.01	-107.93	112.60	103.53	-39.68	-377.21	-4.81	8.33	-11.54	-58.76	-236.78
PITCHRH_SIN		0.00	2406.92	-658.33	31.14	33.77	81.08	22.29	214.69	-61.06	33.22	-25.92	30.87	-24.50	35.19	-33.02	19.40
ROLLRH_COS		2044.25	-1999.77	789.28	-33.59	-286.43	-669.08	149.68	-108.05	177.38	-0.91	263.23	-49.76	-59.82	43.34	-164.01	-528.46
ROLLRH_SIN		0.00	-8177.68	-563.09	0.79	299.11	3632.90	-220.32	-83.94	26.85	-69.47	108.50	54.49	-85.34	138.37	-131.17	-289.56
TORQ_COS		31812.73	451.19	4.26	42.15	91.20	-271.26	-0.10	1.80	-32.14	-11.34	-88.34	3.06	3.58	-0.09	-6.13	-24.76
TORQ_SIN		0.00	667.87	-22.86	21.20	-93.86	127.24	18.32	26.57	-16.08	-12.52	12.13	2.07	-9.31	7.52	-12.27	-2.34
THRUST_COS		5671.97	-80.58	7.34	30.67	-14.30	-72.68	-6.54	22.70	-2.38	-3.74	-20.63	1.61	-7.42	4.14	11.55	20.15
THRUST_SIN		0.00	-51.16	9.91	-1.61	23.52	268.12	1.86	-1.01	0.32	-5.31	30.71	-4.13	-3.60	-11.06	-3.81	14.32

RUN	POINT	Harmonics															
49	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.27	23.33	-18.71	1.01	0.12	-211.18	2.08	2.28	-4.92	-0.28	-17.06	4.17	1.67	-1.08	4.42	15.17
SIDERH_SIN		0.00	164.91	15.98	0.54	-92.51	-347.76	13.69	6.17	1.61	4.24	-3.99	-1.52	1.85	-4.36	3.95	6.86
DRAGRH_COS		-189.81	221.93	12.83	-4.81	3.34	497.56	0.46	-0.72	-7.22	1.94	-5.56	-1.46	-0.93	0.40	3.88	12.43
DRAGRH_SIN		0.00	-59.18	13.01	5.25	4.85	179.31	3.87	-7.40	5.76	0.85	10.63	-9.46	3.81	-3.26	-0.04	-5.53

RUN	POINT	Harmonics															
49	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-1.24	0.00	0.00	0.03	-0.01	0.02	-0.01	-0.01	0.01	0.01	0.04
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.06	0.01	0.02	-0.02	0.01	0.00	0.03	0.01	-0.09
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-21.85	1.28	0.27	-2.66	-4.46	-14.37	2.66	-0.44	0.71	0.03	0.51	-0.28	-0.14	-0.01	0.58	1.76
ACT1FORCE_SIN		0.00	13.80	1.41	3.33	4.91	-8.57	-1.60	1.24	0.34	0.12	-0.10	0.03	-0.22	0.44	-0.03	-1.80
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	-0.01	0.14	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		359.41	-14.96	-4.75	13.01	24.97	-124.78	-16.89	0.59	0.21	0.10	-0.44	-0.20	0.01	0.01	-0.17	1.09
FA1IBVOLTAGE_SIN		0.00	-78.24	-9.62	-23.97	-32.67	252.03	14.89	0.29	-0.16	0.27	0.23	0.06	-0.07	0.11	0.12	0.21
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.01	-0.13	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		446.70	15.11	4.76	-12.98	-25.24	123.82	17.15	-0.56	-0.04	0.17	-0.63	-0.01	0.00	-0.01	0.13	-1.03
FA1OBVOLTAGE_SIN		0.00	78.47	9.72	24.11	33.09	-253.40	-15.41	-0.35	0.10	-0.29	0.32	-0.08	0.08	-0.11	-0.13	-0.15
MRBLD1CB42P75_COS		-4129.66	-1511.24	1.84	180.23	-220.08	256.04	-143.60	150.17	22.34	-28.21	66.70	-13.57	3.08	-16.95	-53.09	15.15
MRBLD1CB42P75_SIN		0.00	-155.66	-2.88	-152.85	217.10	66.40	57.68	-46.24	-43.71	52.12	-92.68	92.42	23.40	4.11	25.31	-25.37

RUN	POINT	Harmonics															
49	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2711.44	-948.38	316.06	107.78	-400.85	153.51	-215.54	162.98	35.43	-26.87	28.86	1.58	5.87	-12.29	-32.87	15.18
MRBLD1CB70_SIN		0.00	-83.26	5.57	-118.38	374.54	112.40	248.76	-30.19	-49.75	64.45	-87.24	58.16	17.14	1.04	16.24	-24.97
MRBLD1CB120_COS		-558.45	-396.73	437.92	104.02	-313.87	91.68	-246.85	108.90	-17.61	5.93	24.29	8.60	3.99	15.72	-4.87	7.83
MRBLD1CB120_SIN		0.00	91.18	-76.10	-171.45	478.62	60.96	371.39	-37.18	-28.15	-56.20	49.21	-32.73	-0.71	5.84	-4.80	-12.36
MRBLD1CB164_COS		-1972.30	-130.66	134.86	11.60	-170.82	-58.28	-88.20	4.86	-30.60	21.23	28.43	-1.47	10.51	13.61	15.51	-18.86
MRBLD1CB164_SIN		0.00	77.02	-34.70	-50.06	231.61	-1.81	152.70	-9.09	-15.98	-83.61	74.56	-28.43	-0.92	-1.07	-9.22	16.55
MRBLD1FB42P75_COS		3159.82	237.51	-446.41	142.10	342.27	401.52	-135.03	47.57	-141.64	-104.79	159.51	45.14	44.05	39.10	-18.08	-61.31
MRBLD1FB42P75_SIN		0.00	30.65	-67.47	-142.95	715.65	-298.96	195.10	-211.25	-31.10	-102.23	-154.84	74.91	25.74	20.86	124.54	-83.62
MRBLD1FB70_COS		423.30	0.36	-212.72	36.01	52.25	112.08	-28.71	27.35	-7.93	-1.50	1.74	1.46	-4.31	-8.42	4.72	12.50
MRBLD1FB70_SIN		0.00	-189.31	-13.86	-63.60	214.16	-89.91	47.29	-33.72	0.35	3.68	0.36	3.31	2.29	-1.93	-27.43	15.60
MRBLD1FB87_COS		-67.37	23.73	-177.81	-6.36	-17.59	-16.55	-3.69	-4.77	22.66	19.96	-29.22	-8.14	-6.92	-5.58	0.46	8.59
MRBLD1FB87_SIN		0.00	-186.08	13.50	10.70	101.97	-22.53	-8.33	14.73	0.72	12.12	35.35	-20.66	-7.31	-2.59	-23.33	15.95
MRBLD1FB120_COS		-470.88	22.28	-234.18	-51.87	-49.91	-150.58	38.46	-33.00	7.35	2.12	-2.39	-3.09	6.71	7.28	-3.20	-13.85
MRBLD1FB120_SIN		0.00	-253.44	50.77	114.51	8.90	52.55	-69.35	55.07	-0.60	2.35	-4.94	4.30	2.47	2.33	33.63	-23.20
MRBLD1FB164_COS		-159.18	59.70	-310.44	-55.07	39.73	4.65	13.60	44.05	-22.69	1.81	-11.09	8.93	-1.37	-5.16	4.70	9.27
MRBLD1FB164_SIN		0.00	-329.28	73.17	121.39	-282.04	46.46	64.95	-70.98	-16.63	-6.25	16.41	-14.23	-2.13	-0.73	-16.74	12.11

RUN	POINT	Harmonics															
49	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-202.39	6.85	-167.12	-38.08	39.50	75.07	-21.79	31.22	-11.36	28.68	-65.43	-12.61	14.17	19.58	-10.82	-26.82
MRBLD1FB180_SIN		0.00	-224.87	51.36	49.36	-193.24	-33.66	89.24	-54.14	-26.38	-14.41	69.77	-37.58	-5.31	-2.71	39.06	-31.55
MRBLD1TOR51_COS		-1402.42	64.85	-18.58	35.92	33.35	454.56	-42.65	31.71	-2.85	3.52	-9.24	2.82	1.16	4.10	-6.70	14.16
MRBLD1TOR51_SIN		0.00	-74.38	2.10	-20.37	-25.17	131.89	-62.13	-13.60	-8.72	-9.14	-1.19	-4.71	-0.53	3.42	4.92	-27.82
MRBLD1TOR71_COS		-252.94	82.83	-29.99	28.53	40.20	404.18	-17.66	18.98	-0.31	4.87	-14.75	3.89	0.03	5.26	-5.23	10.38
MRBLD1TOR71_SIN		0.00	-71.11	-5.69	-18.82	-56.03	125.06	-57.78	-2.98	0.47	-6.64	7.09	-7.29	-2.77	1.41	1.46	-17.73
MRBLD1TOR130_COS		-23.51	70.50	-8.57	18.36	35.48	340.06	-5.40	17.09	-3.94	2.44	11.49	-1.39	0.13	0.55	-4.96	-5.88
MRBLD1TOR130_SIN		0.00	-60.50	-5.55	-8.88	-81.13	94.31	-24.89	-7.64	2.76	-9.98	13.54	10.55	1.71	0.29	-3.98	9.74
MRBLD1TOR164_COS		-217.16	35.82	46.12	15.01	6.39	230.85	-6.07	3.31	4.23	5.76	-6.31	2.97	5.37	3.53	-8.69	-12.97
MRBLD1TOR164_SIN		0.00	-19.06	-6.54	-19.18	-10.60	28.50	2.91	-0.77	4.25	0.52	11.38	2.66	3.19	0.44	-0.41	10.57
MRFBM1CB26P5_COS		-4776.40	-632.03	-49.80	74.32	58.42	51.37	9.64	-1.01	-6.49	0.65	12.35	-2.53	-0.80	1.03	-7.53	0.94
MRFBM1CB26P5_SIN		0.00	-144.64	7.52	-42.35	-52.66	9.77	-48.37	-6.81	0.61	-9.17	2.32	4.39	1.76	2.97	2.99	-4.05
MRFBM1FB9_COS		318.17	-15.66	166.39	-33.35	8.44	-38.57	28.18	-13.52	0.57	0.58	-7.83	2.30	0.36	0.94	3.45	-3.00
MRFBM1FB9_SIN		0.00	-7.49	55.04	12.95	-98.09	6.22	7.89	5.29	6.47	2.46	-0.39	-2.99	-2.08	-0.75	0.13	1.25
MRFBM1TOR26P5_COS		-354.16	82.45	-0.75	0.26	-1.73	4.52	-1.86	0.38	0.07	0.00	-0.25	-0.01	-0.02	0.00	0.31	0.07
MRFBM1TOR26P5_SIN		0.00	-102.40	0.44	0.21	-1.31	1.49	-2.33	0.12	-0.12	0.43	-0.56	-0.07	0.04	0.08	0.07	-0.26

RUN	POINT	Harmonics															
49	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1153.85	-1365.95	-82.48	189.71	-37.00	250.35	-110.18	93.37	-6.77	-15.52	75.97	-8.12	2.57	-6.56	-50.97	13.51
MRPC1CB33P25_SIN		0.00	-100.69	3.04	-158.70	141.26	6.37	8.41	-57.64	-28.73	3.27	-54.18	67.36	19.41	10.15	25.12	-31.26
MRPC1FB33P25_COS		2307.70	165.67	-367.33	139.50	98.23	383.01	-169.75	125.33	-87.74	-26.16	202.85	-16.24	11.03	7.11	-121.55	39.11
MRPC1FB33P25_SIN		0.00	197.28	-126.88	-85.40	679.39	-134.46	121.17	-148.33	-88.06	-125.81	-24.86	84.17	48.49	43.38	59.00	-95.95
MRPC1TOR25P5_COS		-760.32	-41.46	-25.09	-28.08	-57.43	-487.35	41.09	-31.95	2.66	-5.12	23.20	-3.82	-2.42	-5.22	-17.40	-15.81
MRPC1TOR25P5_SIN		0.00	134.56	-49.24	38.61	69.29	-156.12	86.61	4.73	4.94	6.33	4.41	16.90	2.10	-1.25	-5.00	28.72
MRPLK1LOAD_COS		-85.78	1.43	-0.12	-2.30	-6.43	-66.16	8.12	-4.38	0.53	-0.35	3.16	-0.47	-0.12	-0.46	-3.29	-2.08
MRPLK1LOAD_SIN		0.00	-12.15	-2.66	3.11	6.31	-18.75	11.52	1.66	1.39	-0.35	2.96	2.00	-0.30	-0.54	-1.93	5.09
PITCHRH_COS		9887.17	-8576.47	-491.04	70.35	-228.41	1594.37	-90.24	-28.51	223.44	60.80	-18.74	-134.88	-3.68	2.76	-9.60	-369.57
PITCHRH_SIN		0.00	2436.74	-680.67	78.44	-30.24	2310.49	156.15	172.58	93.91	-129.71	-384.84	64.92	11.95	78.02	29.37	392.07
ROLLRH_COS		1798.01	-2058.02	721.89	-1.63	-660.85	-3895.92	38.43	-3.88	215.38	182.63	224.97	-128.69	60.98	-146.66	134.15	-593.07
ROLLRH_SIN		0.00	-8149.97	-500.09	6.74	83.45	2790.49	16.21	-141.30	-9.14	-19.08	-38.20	-146.49	-43.39	10.48	-99.24	-488.20
TORQ_COS		30635.92	423.16	2.39	8.07	25.71	-238.87	-9.34	5.57	-5.28	-6.03	-13.20	0.80	3.94	-5.25	-1.01	0.09
TORQ_SIN		0.00	687.45	-20.26	29.39	26.06	-204.49	3.76	4.87	-30.53	-5.34	-1.44	-1.70	-10.26	5.36	-8.14	-45.61
THRUST_COS		5794.67	-77.76	2.81	25.32	5.32	-282.01	2.64	22.88	-4.95	-13.68	-53.72	-2.19	8.21	2.85	-20.98	5.84
THRUST_SIN		0.00	-59.24	10.92	8.31	6.02	38.26	-3.32	3.24	-2.50	6.21	94.72	-4.70	-5.33	9.09	-9.17	43.67

RUN	POINT	Harmonics															
49	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.87	30.74	-18.27	0.01	69.67	112.33	7.76	-3.75	-8.79	-8.62	-7.40	5.01	-0.61	4.29	-4.14	18.13
SIDERH_SIN		0.00	164.71	15.25	4.60	-84.62	-470.93	8.53	6.64	0.18	1.26	-5.52	7.45	0.37	-0.10	2.18	14.26
DRAGRH_COS		-183.86	221.88	15.03	-7.90	-4.00	231.29	-21.40	4.59	-3.61	-5.18	0.57	11.76	-2.10	1.93	-1.96	18.71
DRAGRH_SIN		0.00	-61.01	13.23	4.69	7.61	505.34	-6.86	-1.59	-3.96	5.63	-20.50	-6.81	-1.50	-1.45	-1.66	-17.89

RUN	POINT	Harmonics															
42	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.87	0.00	0.00	-0.22	0.00	0.04	0.04	0.03	0.00	0.00	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.46	0.01	0.00	0.44	0.00	0.04	0.01	0.00	-0.03	0.02	-0.04	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.10	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.05	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.80	-0.49	-0.16	-2.41	-2.60	-5.58	0.61	1.17	0.17	0.75	0.35	-0.02	0.56	-0.06	0.01	-0.02
ACT1FORCE_SIN		0.00	15.35	-3.97	1.43	1.76	-2.41	-1.44	1.00	0.69	-0.06	-0.47	0.35	-0.78	0.09	-0.39	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.04	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.10	3.37	-191.64	15.94	19.31	16.58	-1.86	-0.01	0.09	0.02	0.11	-0.13	0.34	-0.04	0.04	-0.03
FA1IBVOLTAGE_SIN		0.00	-112.70	-45.78	-10.78	-7.85	123.30	11.37	-0.18	0.20	0.19	0.09	0.06	0.14	0.09	-0.04	-0.15
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.91	-3.31	192.19	-16.00	-19.24	-17.20	1.82	-0.44	-0.09	0.01	-0.08	0.11	-0.30	0.04	-0.03	0.02
FA1OBVOLTAGE_SIN		0.00	112.94	45.60	10.91	7.89	-123.52	-11.55	0.04	-0.21	-0.20	0.11	-0.01	-0.13	-0.09	0.06	0.13
MRBLD1CB42P75_COS		-3751.09	-1714.29	76.55	182.83	-119.45	18.94	-78.34	-74.70	53.40	36.18	65.49	2.03	7.69	0.45	-34.77	-7.76
MRBLD1CB42P75_SIN		0.00	-36.64	6.19	38.68	190.89	-74.27	61.24	-139.93	-40.09	9.66	-99.78	62.59	18.78	5.58	41.54	-30.86

RUN	POINT	Harmonics															
42	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2878.88	-1065.02	330.50	79.93	-133.97	23.64	-97.73	-52.41	39.89	37.46	12.61	2.59	3.71	-1.87	-22.88	-3.23
MRBLD1CB70_SIN		0.00	-0.38	-16.76	74.70	366.82	-25.07	153.28	-85.49	-36.82	9.53	-78.62	36.15	9.24	1.63	32.03	-30.45
MRBLD1CB120_COS		-490.12	-441.66	447.46	81.77	-85.50	37.01	-72.25	-26.97	-35.91	-11.18	-10.33	3.65	4.94	9.21	-0.74	4.01
MRBLD1CB120_SIN		0.00	103.21	-84.69	5.93	379.76	-0.21	184.58	-37.25	-22.84	-25.00	58.82	-17.47	0.93	3.70	-6.79	-10.13
MRBLD1CB164_COS		-1941.00	-138.02	128.89	13.26	-68.20	-5.76	-7.82	14.24	-44.94	-17.64	9.34	4.05	6.43	11.03	13.72	-9.94
MRBLD1CB164_SIN		0.00	79.74	-47.77	13.01	166.60	16.06	69.57	20.96	-17.74	-35.92	66.49	-8.63	5.70	2.68	-18.00	24.03
MRBLD1FB42P75_COS		3130.97	281.92	-385.94	450.63	26.96	-40.38	-87.06	-354.96	-98.46	-47.98	122.49	55.46	54.70	35.29	17.69	-78.39
MRBLD1FB42P75_SIN		0.00	-2.87	11.32	159.17	235.19	-123.46	56.71	-208.85	-77.49	-76.41	-137.98	40.17	-2.46	2.30	93.61	-46.39
MRBLD1FB70_COS		429.15	-4.14	-181.81	132.70	-13.52	-7.49	-11.20	-48.57	1.11	2.24	0.36	2.37	-2.59	-5.86	-2.74	17.59
MRBLD1FB70_SIN		0.00	-202.57	18.84	39.86	69.96	-47.70	19.48	-32.54	-5.83	1.09	-1.38	2.83	4.85	0.94	-20.39	9.25
MRBLD1FB87_COS		-53.66	24.03	-162.36	45.91	-32.66	-25.59	-4.58	31.90	16.46	11.34	-22.04	-10.86	-8.84	-5.86	-7.84	11.10
MRBLD1FB87_SIN		0.00	-199.91	30.54	54.25	37.46	-6.17	-4.00	16.02	6.70	12.05	34.47	-10.08	1.51	3.57	-16.65	9.64
MRBLD1FB120_COS		-458.38	22.88	-258.12	18.72	-16.48	-22.65	17.34	73.58	-2.18	-4.59	0.60	-0.75	5.52	6.96	9.25	-15.91
MRBLD1FB120_SIN		0.00	-244.25	50.78	122.67	35.55	37.30	-35.79	44.98	7.22	-4.19	-11.61	1.59	-5.02	-5.30	24.25	-15.26
MRBLD1FB164_COS		-155.67	70.36	-253.87	32.10	94.30	70.96	6.39	-104.51	-5.46	7.09	-6.96	-0.06	-4.96	-2.04	1.66	11.27
MRBLD1FB164_SIN		0.00	-339.80	112.90	186.08	-45.81	11.34	11.10	-73.07	-13.69	5.40	23.16	-9.28	-1.33	4.34	-9.73	8.17

RUN	POINT	Harmonics															
42	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-195.28	17.13	-92.91	-1.35	75.13	68.30	-10.77	-103.76	15.57	24.45	-44.97	-21.33	-1.48	11.56	2.25	-27.99
MRBLD1FB180_SIN		0.00	-243.56	91.17	103.77	-39.79	-25.44	26.15	-55.62	-23.18	-9.43	59.85	-15.79	-9.28	-15.11	24.96	-14.78
MRBLD1TOR51_COS		-1414.35	89.46	82.24	21.23	-17.59	122.41	-20.34	-38.37	7.01	8.90	-8.22	0.41	1.60	4.35	-2.82	2.40
MRBLD1TOR51_SIN		0.00	-110.19	90.97	56.44	-16.12	-50.85	8.11	-16.81	-4.15	-9.37	-4.71	-4.49	-6.44	-1.08	4.26	-10.31
MRBLD1TOR71_COS		-282.07	106.67	65.87	7.55	-7.51	116.40	-9.79	-25.67	6.15	5.55	-12.20	-0.81	0.14	4.79	-2.06	1.08
MRBLD1TOR71_SIN		0.00	-108.08	79.55	36.62	-31.96	-40.69	7.24	1.79	3.88	-5.31	0.40	-5.05	-7.33	-1.04	1.58	-5.55
MRBLD1TOR130_COS		-41.32	94.99	90.50	-5.86	-0.13	97.18	-3.37	-22.61	4.88	2.07	6.85	-1.77	0.77	0.25	-4.98	-5.14
MRBLD1TOR130_SIN		0.00	-96.42	72.43	27.89	-31.90	-35.04	11.25	-6.64	1.00	-4.24	2.89	10.27	4.49	2.52	-1.70	3.80
MRBLD1TOR164_COS		-232.70	55.20	113.17	-13.89	-11.23	52.77	-7.45	-7.74	8.02	4.66	-4.07	-1.78	0.30	2.92	-4.38	-3.69
MRBLD1TOR164_SIN		0.00	-45.85	44.66	-8.81	-13.75	-33.76	14.72	4.48	0.14	0.01	6.13	3.96	4.99	2.98	3.08	-1.39
MRFBM1CB26P5_COS		-4338.17	-735.65	-10.53	72.07	2.26	5.99	2.07	-8.26	0.86	-0.95	15.97	-0.02	1.78	1.29	-3.88	-0.48
MRFBM1CB26P5_SIN		0.00	-103.97	22.88	-22.12	-39.85	-16.05	-23.78	-17.35	-1.91	-3.40	-1.35	3.03	1.08	1.79	2.15	-4.00
MRFBM1FB9_COS		352.33	43.42	136.46	-82.00	15.03	1.53	13.00	4.58	-1.58	-1.86	-6.15	0.84	-0.42	0.21	2.77	-1.65
MRFBM1FB9_SIN		0.00	-28.25	17.79	-88.57	-36.55	12.76	3.42	21.68	5.73	1.70	0.18	-2.65	-2.16	-0.87	-1.00	2.28
MRFBM1TOR26P5_COS		-334.87	81.21	-0.11	0.12	-0.44	1.36	-0.20	-0.10	0.23	0.22	-0.15	0.20	0.03	0.05	0.23	0.13
MRFBM1TOR26P5_SIN		0.00	-110.06	1.37	0.38	-0.39	-0.46	0.04	0.07	0.11	0.10	-0.09	-0.23	-0.05	-0.03	-0.06	-0.06

RUN	POINT	Harmonics															
42	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1136.34	-1547.73	1.48	210.29	-68.34	10.72	-53.34	-78.36	26.53	20.68	69.09	4.35	11.23	4.45	-30.88	-5.66
MRPC1CB33P25_SIN		0.00	13.04	19.64	-6.83	88.02	-76.95	21.07	-130.20	-40.34	-9.98	-63.43	46.13	15.85	8.47	36.01	-33.62
MRPC1FB33P25_COS		2210.86	205.94	-344.06	345.10	-38.88	-5.13	-86.31	-193.87	-36.27	4.58	165.68	12.68	39.05	19.50	-72.18	-5.78
MRPC1FB33P25_SIN		0.00	167.67	-62.68	211.95	213.06	-108.73	16.36	-307.80	-106.05	-80.58	-33.42	63.71	36.88	28.58	74.31	-94.33
MRPC1TOR25P5_COS		-733.93	-59.33	-143.60	-6.43	5.58	-140.79	14.12	27.90	-6.36	-7.66	19.43	-1.45	-1.90	-2.17	-13.09	-9.13
MRPC1TOR25P5_SIN		0.00	150.30	-142.72	-37.53	33.23	50.96	-5.63	-0.48	-4.41	7.37	2.31	14.95	8.78	5.18	2.52	2.13
MRPLK1LOAD_COS		-73.68	-2.05	-14.14	-0.82	1.56	-18.12	2.33	5.39	-0.74	-1.37	2.62	-0.94	-0.43	-0.34	-2.49	-1.65
MRPLK1LOAD_SIN		0.00	-6.38	-14.80	-6.45	3.80	7.52	-0.97	1.20	-0.27	0.93	0.86	2.29	0.92	0.67	-0.33	0.72
PITCHRH_COS		8511.23	-8442.70	-281.85	-1.13	-163.96	486.67	-48.61	-9.27	122.40	-51.38	77.36	-70.95	-17.29	23.89	-48.14	-315.21
PITCHRH_SIN		0.00	1880.42	-616.06	48.28	-28.94	700.06	11.89	171.34	117.30	-90.66	-194.77	78.28	-9.58	111.66	-36.23	353.16
ROLLRH_COS		1612.56	-1547.19	701.97	-20.81	-318.30	-1485.78	47.96	-27.76	86.32	125.06	301.75	-108.27	0.81	1.03	-42.97	-718.90
ROLLRH_SIN		0.00	-8172.21	-425.55	26.08	132.49	1307.27	-219.14	-58.52	7.71	29.24	-12.59	-80.57	-47.31	-21.32	-53.53	-374.72
TORQ_COS		36779.86	359.91	-7.90	32.39	23.54	-29.22	-5.34	2.29	-22.27	-7.07	-33.34	-1.98	1.90	-3.29	-1.73	-3.50
TORQ_SIN		0.00	682.76	-26.97	38.79	-85.46	51.98	4.20	36.70	-20.06	-8.94	12.52	5.36	-1.88	4.25	-4.99	-13.06
THRUST_COS		5718.24	-47.91	16.20	24.76	0.13	-23.94	-3.03	22.43	-2.69	-8.90	-50.16	3.24	0.55	1.70	1.36	8.99
THRUST_SIN		0.00	-82.57	15.09	-0.35	32.99	43.04	11.67	13.71	-0.46	-0.61	38.64	-4.23	3.49	-0.06	-7.75	54.71

RUN	POINT	Harmonics															
42	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-161.27	31.43	-17.19	-1.14	4.05	28.85	0.14	-1.89	-1.28	-6.80	-13.33	5.88	0.01	-0.39	1.06	20.77
SIDERH_SIN		0.00	198.99	10.40	1.86	-78.98	-199.42	16.12	2.07	0.51	-1.03	0.39	5.33	1.48	1.18	1.31	10.67
DRAGRH_COS		-180.31	226.30	8.39	-5.25	-3.60	104.72	-10.31	0.51	-8.80	3.86	-1.14	6.57	-0.62	-1.98	1.69	14.63
DRAGRH_SIN		0.00	-56.03	15.08	1.34	13.13	130.09	-13.76	0.69	-3.77	2.81	6.99	-10.43	-0.48	-4.56	0.71	-16.10

RUN	POINT	Harmonics															
42	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.87	0.00	0.00	-0.22	0.00	0.05	0.04	0.03	0.00	0.00	0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.47	0.00	0.00	0.45	0.00	0.04	0.01	0.00	-0.03	0.02	-0.03	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.10	0.00	0.00	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.05	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.89	-0.61	-0.15	-2.39	-2.76	-5.57	0.55	1.29	0.25	0.77	0.33	-0.01	0.56	-0.02	0.01	-0.02
ACT1FORCE_SIN		0.00	15.37	-3.99	1.48	1.77	-2.31	-1.48	1.01	0.70	-0.06	-0.50	0.28	-0.77	0.17	-0.42	-0.07
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.04	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		368.23	3.36	-191.52	15.45	20.24	16.83	-0.90	0.00	0.07	0.05	0.23	-0.22	0.30	0.06	0.04	-0.01
FA1IBVOLTAGE_SIN		0.00	-112.57	-46.09	-11.32	-8.59	122.76	12.09	-0.21	0.07	0.16	0.16	0.06	0.14	-0.08	-0.04	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.79	-3.30	192.07	-15.50	-20.18	-17.43	0.85	-0.46	-0.08	-0.01	-0.19	0.20	-0.27	-0.07	-0.02	0.01
FA1OBVOLTAGE_SIN		0.00	112.80	45.92	11.47	8.64	-122.97	-12.26	0.07	-0.10	-0.18	0.04	-0.02	-0.13	0.08	0.05	0.16
MRBLD1CB42P75_COS		-3766.23	-1704.30	80.24	180.56	-120.15	11.54	-77.26	-94.43	54.36	41.86	57.27	-4.71	5.43	0.20	-39.67	-6.26
MRBLD1CB42P75_SIN		0.00	-13.67	7.55	35.67	182.57	-63.80	62.73	-141.73	-47.36	7.22	-84.41	49.28	16.53	3.79	38.10	-32.31

RUN	POINT	Harmonics															
42	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2869.82	-1060.40	338.69	80.13	-136.97	11.72	-97.79	-66.30	38.93	41.42	7.06	-3.94	1.81	-2.03	-26.37	-2.96
MRBLD1CB70_SIN		0.00	15.80	-10.85	71.80	357.30	2.13	152.87	-87.82	-41.75	6.23	-67.00	26.78	8.65	0.91	27.99	-31.35
MRBLD1CB120_COS		-494.29	-443.23	457.68	79.84	-90.02	26.17	-75.12	-32.76	-41.42	-14.13	-6.67	7.12	5.32	8.54	-0.68	4.47
MRBLD1CB120_SIN		0.00	113.14	-75.83	3.71	375.09	32.23	183.81	-37.22	-23.62	-24.53	48.21	-13.33	0.47	3.96	-7.74	-10.79
MRBLD1CB164_COS		-1942.71	-137.72	134.14	12.21	-70.87	-10.99	-7.54	18.51	-49.02	-22.01	13.06	8.30	7.40	10.75	15.56	-9.58
MRBLD1CB164_SIN		0.00	82.37	-45.91	10.87	163.31	30.37	68.31	21.41	-17.38	-34.67	55.20	-3.77	4.59	1.30	-16.21	23.65
MRBLD1FB42P75_COS		3133.77	276.68	-392.01	433.69	20.18	-38.16	-85.55	-388.51	-106.58	-44.96	114.77	47.23	48.07	29.97	5.27	-80.17
MRBLD1FB42P75_SIN		0.00	-6.56	6.30	155.24	242.17	-120.39	59.50	-189.17	-83.07	-75.54	-132.17	32.25	-2.38	4.61	99.87	-51.44
MRBLD1FB70_COS		428.16	-3.88	-185.85	125.47	-18.09	-8.36	-11.47	-55.19	-0.37	2.27	0.25	2.38	-1.73	-4.82	-0.16	17.65
MRBLD1FB70_SIN		0.00	-202.29	15.22	38.33	71.21	-44.48	20.89	-28.54	-6.75	0.78	-0.49	3.15	4.55	0.49	-21.62	10.18
MRBLD1FB87_COS		-54.08	25.90	-165.16	42.49	-34.90	-25.71	-3.91	35.73	17.88	10.78	-20.40	-8.21	-7.08	-4.74	-5.33	11.45
MRBLD1FB87_SIN		0.00	-201.29	26.16	52.69	36.88	-5.73	-4.65	13.91	6.72	11.16	32.08	-8.36	0.99	2.35	-18.90	9.97
MRBLD1FB120_COS		-457.87	25.07	-262.77	16.65	-17.83	-22.08	18.20	83.53	0.21	-4.69	0.38	-1.06	4.94	6.37	5.97	-16.20
MRBLD1FB120_SIN		0.00	-246.81	44.71	120.75	35.04	37.69	-37.62	40.29	9.04	-2.63	-9.59	1.75	-3.62	-4.08	26.95	-15.91
MRBLD1FB164_COS		-153.25	70.24	-263.31	31.41	99.41	74.79	5.61	-116.69	-10.26	6.20	-6.84	0.77	-3.97	-1.94	2.54	10.76
MRBLD1FB164_SIN		0.00	-339.96	107.34	184.69	-39.82	10.74	17.35	-66.96	-17.68	4.34	22.19	-6.82	-1.39	3.33	-10.97	9.60

RUN	POINT	Harmonics															
42	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-192.61	17.76	-98.40	-0.14	80.90	69.61	-11.94	-114.97	12.35	23.00	-43.45	-18.68	-2.01	8.82	-2.39	-27.90
MRBLD1FB180_SIN		0.00	-243.76	88.03	102.70	-35.74	-26.48	28.53	-52.23	-27.25	-11.43	56.03	-11.61	-8.63	-13.74	27.68	-16.69
MRBLD1TOR51_COS		-1414.59	90.08	82.56	20.23	-16.95	122.99	-23.05	-45.68	6.81	8.76	-7.99	0.08	1.63	3.49	-5.18	2.37
MRBLD1TOR51_SIN		0.00	-108.40	91.95	55.21	-16.72	-49.19	9.51	-12.57	-5.71	-10.03	-5.03	-4.29	-6.15	-0.34	4.37	-10.69
MRBLD1TOR71_COS		-282.50	107.00	65.86	6.78	-6.93	116.76	-12.54	-30.89	5.87	4.93	-11.82	-0.93	0.20	4.08	-3.59	0.88
MRBLD1TOR71_SIN		0.00	-106.87	80.27	35.67	-32.39	-40.00	8.49	5.78	2.97	-5.78	-0.24	-4.45	-6.68	-0.36	1.68	-5.68
MRBLD1TOR130_COS		-41.63	95.28	90.15	-6.11	0.91	97.44	-5.88	-27.95	3.93	1.49	6.06	-1.62	0.73	0.46	-3.94	-4.68
MRBLD1TOR130_SIN		0.00	-95.32	73.68	27.45	-32.16	-34.82	12.23	-3.57	0.12	-4.45	2.46	8.87	4.44	2.21	-2.23	3.89
MRBLD1TOR164_COS		-233.13	55.62	113.84	-13.81	-11.25	52.22	-8.56	-9.50	8.09	4.46	-3.94	-1.58	-0.25	2.91	-3.72	-3.01
MRBLD1TOR164_SIN		0.00	-44.84	46.71	-8.67	-15.09	-33.58	14.21	6.09	0.42	-0.23	5.68	3.88	5.34	2.57	2.35	-1.57
MRFBM1CB26P5_COS		-4350.19	-729.43	-10.35	71.76	4.35	7.18	2.08	-10.06	1.09	-0.98	15.54	0.08	1.42	0.70	-4.87	-0.28
MRFBM1CB26P5_SIN		0.00	-93.30	21.97	-22.43	-40.52	-20.28	-23.40	-17.60	-2.71	-2.96	-1.25	2.55	0.56	1.45	2.17	-4.14
MRFBM1FB9_COS		358.18	34.33	137.93	-79.22	16.21	1.63	13.07	6.76	-1.53	-2.04	-5.67	0.67	-0.45	0.25	2.86	-1.77
MRFBM1FB9_SIN		0.00	-35.48	22.17	-84.99	-36.92	11.39	3.36	22.06	6.14	1.59	-0.01	-2.24	-1.95	-0.76	-0.67	2.32
MRFBM1TOR26P5_COS		-334.65	81.64	0.05	0.09	-0.56	1.24	-0.34	-0.21	0.16	0.14	-0.23	0.12	0.00	0.01	0.17	0.09
MRFBM1TOR26P5_SIN		0.00	-110.28	1.01	0.06	-0.56	-0.48	0.04	0.07	0.05	0.08	-0.07	-0.17	-0.04	-0.01	-0.01	-0.04

RUN	POINT	Harmonics															
42	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1145.89	-1539.56	2.94	207.94	-67.86	8.07	-52.31	-95.15	26.76	23.86	63.65	0.11	8.93	3.49	-36.20	-4.00
MRPC1CB33P25_SIN		0.00	32.58	20.11	-9.08	83.53	-75.47	22.54	-129.91	-46.25	-10.52	-54.71	37.27	13.85	7.36	33.67	-35.55
MRPC1FB33P25_COS		2214.44	201.11	-347.23	332.19	-46.07	-4.30	-85.60	-227.33	-39.87	6.86	156.85	12.28	35.17	14.97	-84.67	-1.71
MRPC1FB33P25_SIN		0.00	164.12	-67.26	206.29	216.93	-105.06	18.99	-305.97	-113.91	-78.56	-33.03	52.66	32.74	25.96	66.95	-98.48
MRPC1TOR25P5_COS		-733.78	-60.29	-142.83	-6.54	4.76	-141.72	17.10	34.63	-6.48	-7.22	17.87	-1.44	-2.16	-1.68	-10.97	-8.06
MRPC1TOR25P5_SIN		0.00	147.95	-144.43	-36.17	33.27	50.21	-7.39	-5.68	-3.24	7.81	3.29	12.34	8.54	3.41	-0.04	1.80
MRPLK1LOAD_COS		-73.65	-2.01	-14.12	-0.78	1.40	-18.25	2.74	6.36	-0.73	-1.38	2.43	-0.82	-0.46	-0.23	-2.04	-1.51
MRPLK1LOAD_SIN		0.00	-6.70	-15.00	-6.33	3.78	7.32	-1.26	0.49	-0.09	1.02	0.91	1.97	1.03	0.45	-0.73	0.79
PITCHRH_COS		8633.22	-8434.48	-277.44	-0.32	-162.60	524.22	51.38	-8.16	107.29	-79.28	86.28	-68.46	-37.95	-7.85	-40.65	-335.00
PITCHRH_SIN		0.00	1859.22	-612.82	60.88	-26.41	699.48	43.48	178.96	96.29	-91.70	-187.24	63.88	-13.41	80.87	-41.59	364.18
ROLLRH_COS		1738.31	-1549.06	695.96	-15.87	-311.59	-1477.63	80.61	-78.05	70.32	92.97	270.48	-95.10	-27.58	-24.86	-17.84	-731.65
ROLLRH_SIN		0.00	-8189.56	-402.65	15.73	133.36	1282.52	-147.47	-61.99	4.57	20.18	-14.93	-66.27	-57.50	21.97	-50.01	-407.27
TORQ_COS		36575.39	349.44	-4.90	30.10	22.12	-18.04	-2.77	8.03	-23.81	-6.00	-33.67	-1.75	5.14	-2.16	-1.19	-1.53
TORQ_SIN		0.00	680.34	-30.85	37.05	-66.23	53.95	7.05	38.69	-15.48	-10.74	11.32	3.63	-1.08	3.11	-6.82	-13.31
THRUST_COS		5737.88	-50.67	17.96	23.54	2.62	-23.59	-2.23	27.10	-1.58	-6.89	-49.77	3.80	3.18	2.74	-0.24	10.73
THRUST_SIN		0.00	-83.26	15.85	0.80	28.85	40.70	8.26	14.67	-0.90	0.55	34.12	-3.47	4.62	0.85	-5.74	52.60

RUN	POINT	Harmonics															
42	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.88	34.22	-17.10	-0.39	-0.48	32.94	1.76	-1.78	-1.14	-5.30	-12.05	5.02	1.08	0.52	0.29	21.25
SIDERH_SIN		0.00	201.82	8.69	2.63	-74.43	-201.13	7.92	3.11	0.43	-0.60	0.77	4.73	1.85	-0.08	1.28	11.77
DRAGRH_COS		-179.69	225.26	8.30	-6.26	-5.05	99.52	-23.15	2.15	-6.86	5.84	-1.25	5.62	-0.12	0.13	1.31	15.67
DRAGRH_SIN		0.00	-56.34	15.14	1.43	14.25	133.96	-17.52	3.42	-2.90	3.23	8.18	-7.92	-1.36	-3.17	1.18	-16.46

RUN	POINT	Harmonics															
42	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-1.73	0.00	0.00	-0.45	0.00	0.05	0.09	0.04	0.00	-0.02	0.01	0.00	-0.01	-0.02
FLAP1C_SIN		0.00	0.00	-0.95	0.01	0.00	0.89	0.00	0.08	0.02	0.01	-0.03	0.04	-0.07	0.01	-0.01	0
ACT1DISP_COS		2.64	0.00	0.19	0.00	0.00	0.05	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0
ACT1DISP_SIN		0.00	0.00	0.11	0.00	0.00	-0.10	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0
ACT1FORCE_COS		-22.54	-0.63	-2.07	-1.43	-2.29	-9.01	1.19	0.85	0.67	1.10	0.39	-0.35	0.61	-0.08	0.05	-0.45
ACT1FORCE_SIN		0.00	14.53	-6.29	1.22	3.21	-1.84	-1.87	1.82	0.72	-0.41	-0.31	0.50	-1.28	0.11	-0.62	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	-0.03	0.00	-0.01	0.12	0.01	0.01	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0
FA1IBCURRENT_SIN		0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0
FA1IBVOLTAGE_COS		374.14	21.54	-314.48	8.40	14.06	18.71	-1.07	-0.43	0.18	0.09	-0.01	-0.45	0.65	0.02	0.23	-0.1
FA1IBVOLTAGE_SIN		0.00	-116.76	-50.57	-9.82	-9.93	186.39	17.58	-0.43	0.64	0.40	0.29	-0.03	-0.06	0.15	0.08	-0.1
FA1OBCURRENT_COS		0.02	0.01	0.03	0.00	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0
FA1OBCURRENT_SIN		0.00	0.00	-0.08	0.00	0.01	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0
FA1OBVOLTAGE_COS		432.05	-21.73	315.49	-8.91	-13.51	-19.32	1.30	-0.99	-0.30	-0.11	-0.07	0.38	-0.60	-0.01	-0.13	0.13
FA1OBVOLTAGE_SIN		0.00	116.96	50.42	9.94	9.69	-186.92	-17.81	-0.27	-0.61	-0.52	0.38	0.12	0.12	-0.14	0.06	0.11
MRBLD1CB42P75_COS		-3696.87	-1855.76	112.05	131.59	-150.41	116.63	-118.38	-18.02	62.23	16.41	72.45	1.34	7.74	-5.37	-35.22	-6.08
MRBLD1CB42P75_SIN		0.00	-136.92	29.35	-16.33	214.45	-88.91	110.37	-238.78	-42.67	32.19	-110.20	28.45	2.24	1.81	22.43	-15.55

RUN	POINT	Harmonics															
42	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2916.48	-1156.92	371.70	52.59	-215.55	73.85	-128.63	-8.73	44.78	23.33	4.12	0.12	2.17	-7.09	-19.50	0.27
MRBLD1CB70_SIN		0.00	-69.77	19.47	19.24	428.49	3.97	254.47	-181.75	-49.54	36.08	-89.73	11.24	-2.46	4.39	16.10	-16.76
MRBLD1CB120_COS		-466.62	-472.42	491.77	61.84	-128.57	34.17	-85.86	-3.96	-52.46	-7.55	-15.32	1.01	5.55	12.72	2.67	1.67
MRBLD1CB120_SIN		0.00	66.15	-34.45	-49.81	467.44	34.84	316.02	-107.78	-32.49	-40.61	51.44	3.61	6.40	5.07	-8.25	-9.83
MRBLD1CB164_COS		-1938.01	-144.29	128.99	12.23	-81.98	-41.70	-5.71	9.65	-63.44	-9.53	17.86	-2.61	4.74	13.91	7.59	-12.42
MRBLD1CB164_SIN		0.00	67.07	-43.33	-9.67	213.16	34.28	121.89	24.18	-25.41	-63.03	64.92	13.42	6.22	-1.34	-10.37	13.12
MRBLD1FB42P75_COS		3133.91	324.64	-375.39	335.04	267.95	40.16	-73.66	-354.09	-103.34	-67.69	128.26	49.62	61.94	32.08	-4.32	-56.02
MRBLD1FB42P75_SIN		0.00	10.00	-8.33	96.49	305.91	-312.48	137.81	-422.32	-53.85	-81.87	-180.81	29.31	-2.04	-4.42	59.56	-27.30
MRBLD1FB70_COS		437.33	-1.50	-185.39	98.79	46.41	12.32	-12.98	-48.30	0.57	-0.67	-2.08	3.25	-3.31	-6.13	1.43	12.78
MRBLD1FB70_SIN		0.00	-204.27	5.46	9.28	100.74	-94.00	41.62	-74.01	-3.96	4.21	-1.26	3.18	5.06	2.45	-14.02	5.01
MRBLD1FB87_COS		-49.36	23.78	-172.54	34.89	-9.22	-28.34	-5.99	30.21	17.43	15.70	-23.62	-8.68	-8.98	-4.79	-3.67	5.95
MRBLD1FB87_SIN		0.00	-198.49	14.73	33.02	55.54	-12.57	-6.04	34.21	2.48	12.83	44.47	-7.13	0.46	4.66	-9.88	5.47
MRBLD1FB120_COS		-459.00	13.56	-279.62	21.79	-26.99	-56.79	22.82	76.01	-1.71	-0.82	4.09	-1.71	6.83	7.09	5.28	-6.96
MRBLD1FB120_SIN		0.00	-235.56	13.29	107.24	45.87	71.08	-60.61	107.63	4.24	-6.77	-13.49	0.47	-1.44	-5.77	13.90	-8.01
MRBLD1FB164_COS		-145.24	58.22	-176.33	-18.94	17.60	72.08	14.16	-101.80	-10.43	3.44	-12.21	1.05	-5.27	-1.99	4.97	8.40
MRBLD1FB164_SIN		0.00	-349.99	129.80	201.61	-108.18	51.06	26.35	-158.40	-10.66	10.33	29.85	-6.17	-2.78	4.53	-4.10	7.21

RUN	POINT	Harmonics															
42	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-183.89	18.70	-11.54	-40.37	26.28	82.96	3.10	-102.56	3.24	30.21	-43.88	-21.62	-5.30	13.08	-5.82	-21.22
MRBLD1FB180_SIN		0.00	-258.07	122.74	126.67	-87.48	-25.83	53.53	-131.93	-25.79	-11.04	79.55	-5.99	-8.63	-14.67	13.95	-7.66
MRBLD1TOR51_COS		-1416.14	108.01	182.74	-33.79	-3.60	276.05	-54.26	-31.53	5.54	10.42	-6.37	-1.76	-1.09	4.08	-1.18	0.17
MRBLD1TOR51_SIN		0.00	-135.39	169.40	70.95	-48.39	-87.72	2.84	-51.83	-6.43	-9.41	-2.62	-0.69	-10.25	0.59	1.43	-9.45
MRBLD1TOR71_COS		-284.47	126.46	158.54	-39.23	0.02	251.46	-37.20	-24.32	5.14	7.22	-11.00	-3.16	-1.91	4.91	-2.13	-0.64
MRBLD1TOR71_SIN		0.00	-131.00	152.23	54.17	-66.86	-70.91	-3.10	-20.95	1.32	-6.82	3.99	-0.60	-10.29	0.38	0.15	-5.34
MRBLD1TOR130_COS		-42.48	111.88	186.27	-45.18	-5.54	207.96	-20.84	-21.28	3.20	0.89	10.31	-1.62	0.68	0.47	-7.30	-3.76
MRBLD1TOR130_SIN		0.00	-120.30	143.93	53.07	-67.50	-65.45	5.48	-29.29	0.97	-7.82	2.00	10.13	3.65	1.70	-2.09	3.42
MRBLD1TOR164_COS		-235.51	70.51	178.06	-32.69	-8.49	124.44	-15.76	-11.18	7.03	5.36	-4.07	-1.40	-0.68	3.65	-5.02	-1.47
MRBLD1TOR164_SIN		0.00	-63.11	98.28	9.51	-23.89	-67.63	15.03	-3.50	-0.97	-0.44	7.36	3.94	7.03	2.57	1.13	0.67
MRFBM1CB26P5_COS		-4304.79	-818.56	2.21	58.39	14.21	31.58	-1.80	-4.68	2.27	-1.10	21.61	-0.04	2.39	2.37	-3.84	-1.54
MRFBM1CB26P5_SIN		0.00	-167.34	32.35	-25.42	-58.87	-22.68	-35.33	-19.75	1.52	-6.14	-1.63	2.93	1.64	0.65	0.81	-3.10
MRFBM1FB9_COS		401.89	99.18	124.12	-58.26	-6.82	-12.59	21.26	-4.31	-0.87	-1.06	-7.23	0.43	-0.65	0.18	1.84	-0.93
MRFBM1FB9_SIN		0.00	-19.65	24.69	-63.26	-55.05	22.59	-0.89	31.35	5.60	1.52	0.78	-2.11	-2.21	-0.72	-0.20	1.55
MRFBM1TOR26P5_COS		-330.36	82.61	0.75	-0.24	-1.04	2.84	-1.21	-0.03	0.16	0.17	-0.38	0.12	-0.04	-0.04	0.29	0.08
MRFBM1TOR26P5_SIN		0.00	-110.28	1.73	0.25	-1.19	-0.68	-0.10	-0.13	0.02	0.23	-0.10	-0.16	-0.04	-0.01	-0.01	-0.02

RUN	POINT	Harmonics															
42	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1067.54	-1647.80	34.91	152.97	-46.97	98.67	-84.76	-36.10	31.99	9.86	80.90	2.97	11.54	1.15	-29.05	-5.95
MRPC1CB33P25_SIN		0.00	-56.44	34.34	-46.07	95.50	-117.39	53.72	-207.24	-35.24	-2.93	-75.27	25.40	8.02	5.54	17.98	-18.71
MRPC1FB33P25_COS		2209.87	245.81	-335.54	264.40	139.60	105.32	-99.88	-108.76	-49.95	-7.34	194.70	15.94	44.65	23.70	-57.95	-9.83
MRPC1FB33P25_SIN		0.00	181.14	-78.15	140.16	331.47	-236.89	89.52	-475.71	-91.69	-93.69	-60.83	50.05	42.24	22.44	34.37	-63.03
MRPC1TOR25P5_COS		-730.24	-72.74	-252.35	54.94	-7.19	-305.55	52.82	24.16	-4.14	-10.18	19.89	1.17	2.56	-0.76	-16.27	-4.93
MRPC1TOR25P5_SIN		0.00	169.71	-226.78	-59.10	77.39	85.11	3.03	29.48	-2.53	6.20	-1.51	6.41	12.46	1.73	0.08	4.49
MRPLK1LOAD_COS		-72.45	-4.80	-27.88	6.82	-0.32	-40.32	8.05	4.63	-0.59	-1.56	3.07	-0.54	0.29	-0.09	-3.40	-1.02
MRPLK1LOAD_SIN		0.00	-3.35	-25.55	-8.95	9.22	12.75	-0.27	5.99	0.14	0.32	0.58	1.25	1.44	0.24	-0.53	0.91
PITCHRH_COS		6954.99	-8401.99	-209.70	5.66	-167.59	1624.99	106.93	-20.86	204.19	0.01	118.42	-67.04	-38.93	25.66	-46.06	-277.13
PITCHRH_SIN		0.00	1835.60	-623.60	3.53	-56.62	953.94	23.61	254.90	150.50	-133.08	-303.21	59.59	-67.62	17.37	-7.82	196.17
ROLLRH_COS		1408.38	-1449.28	769.67	17.73	-389.83	-1831.62	123.16	-40.06	83.07	173.06	158.21	-116.04	28.34	-56.30	24.20	-710.90
ROLLRH_SIN		0.00	-8099.02	-379.83	6.00	179.56	2636.41	-140.70	-85.39	28.53	0.18	-24.83	-43.46	-101.01	23.52	-33.86	-264.81
TORQ_COS		37430.87	358.46	-16.48	55.51	63.69	-169.67	-5.82	0.03	-35.43	-10.01	-51.40	1.79	3.20	-7.78	0.40	0.07
TORQ_SIN		0.00	675.52	-34.94	46.16	-62.82	26.79	8.09	22.99	-23.32	-6.71	14.59	3.82	-2.09	6.81	-6.77	-18.26
THRUST_COS		5838.81	-46.54	25.54	27.34	-7.30	-113.51	-3.81	28.07	-1.34	-11.03	-49.25	-1.44	-1.91	6.96	-7.89	14.18
THRUST_SIN		0.00	-89.32	17.52	-1.53	25.65	111.16	7.13	10.23	-1.18	1.03	59.31	-1.51	2.33	6.71	-6.09	29.08

RUN	POINT	Harmonics															
42	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.28	23.83	-19.54	0.74	23.58	-30.45	2.03	-1.57	-2.63	-8.82	-7.94	6.44	-1.00	1.64	-0.95	20.95
SIDERH_SIN		0.00	195.59	7.60	1.08	-80.38	-344.16	8.84	5.02	0.70	0.78	-0.95	4.16	2.42	-0.18	0.67	7.69
DRAGRH_COS		-171.66	224.95	7.22	-6.22	-1.53	201.23	-30.03	1.03	-10.78	-1.08	-14.99	5.10	0.86	0.32	1.10	15.35
DRAGRH_SIN		0.00	-55.29	16.06	2.31	10.04	219.97	-8.81	-1.58	-4.43	8.75	10.16	-9.19	1.95	-1.99	-1.10	-10.67

RUN	POINT	Harmonics															
42	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.74	0.00	0.00	-0.44	0.00	0.05	0.10	0.04	-0.01	-0.02	0.02	0.01	0.00	-0.03
FLAP1C_SIN		0.00	0.00	-0.95	0.00	0.00	0.89	0.00	0.07	0.01	0.01	-0.03	0.04	-0.07	0.01	-0.01	0.00
ACT1DISP_COS		2.64	0.00	0.19	0.00	0.00	0.05	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.11	0.00	0.00	-0.10	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-22.92	-0.68	-1.34	-1.24	-2.42	-9.47	0.98	0.78	0.98	1.24	0.14	-0.44	0.73	0.07	0.14	-0.65
ACT1FORCE_SIN		0.00	14.60	-6.55	1.35	3.53	-1.70	-2.00	1.57	0.69	-0.20	-0.26	0.48	-1.52	0.02	-0.48	-0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.03	0.00	-0.01	0.12	0.01	0.01	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		370.25	21.86	-319.34	7.16	15.09	21.73	0.74	-0.55	0.13	0.11	-0.01	-0.38	0.69	-0.01	0.16	-0.10
FA1IBVOLTAGE_SIN		0.00	-117.03	-48.81	-11.54	-11.91	184.21	18.51	-0.40	0.63	0.38	0.28	0.00	-0.02	0.12	0.01	-0.23
FA1OBCURRENT_COS		0.02	0.01	0.03	0.00	0.00	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.08	0.00	0.01	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		435.96	-22.01	320.40	-7.65	-14.51	-22.75	-0.56	-0.90	-0.27	-0.13	-0.07	0.31	-0.63	0.01	-0.06	0.13
FA1OBVOLTAGE_SIN		0.00	117.23	48.37	11.67	11.69	-184.68	-18.70	-0.28	-0.59	-0.51	0.39	0.11	0.07	-0.12	0.11	0.24
MRBLD1CB42P75_COS		-3895.20	-1681.71	64.64	132.30	-137.30	150.76	-112.31	6.60	41.71	19.28	49.85	-9.09	-7.23	-16.33	-28.61	3.06
MRBLD1CB42P75_SIN		0.00	26.05	44.78	-52.84	218.28	-81.04	98.34	-212.71	-43.05	32.56	-109.53	53.52	18.21	6.21	10.07	-2.10

RUN	POINT	Harmonics															
42	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2817.40	-1052.75	342.15	58.76	-217.56	124.84	-118.77	17.87	31.89	28.21	-8.46	-4.01	-3.10	-10.71	-16.75	8.13
MRBLD1CB70_SIN		0.00	34.75	28.94	-15.84	426.52	7.09	261.65	-171.36	-47.30	36.41	-89.29	29.04	9.34	8.41	7.85	-6.44
MRBLD1CB120_COS		-494.30	-438.18	475.75	66.30	-128.37	80.07	-79.77	18.41	-48.00	-16.57	-0.75	8.56	12.00	14.86	0.86	-1.28
MRBLD1CB120_SIN		0.00	110.66	-34.28	-80.47	476.28	38.53	346.40	-98.22	-26.58	-34.79	43.55	-8.91	-1.55	4.45	-5.71	-8.91
MRBLD1CB164_COS		-1945.09	-135.61	123.84	13.50	-82.67	-26.55	-9.06	10.60	-55.25	-21.75	28.03	2.69	9.24	13.65	5.19	-13.56
MRBLD1CB164_SIN		0.00	76.78	-45.89	-21.99	218.35	30.49	136.77	19.24	-19.80	-58.69	59.59	1.02	-0.90	-3.39	-5.98	6.98
MRBLD1FB42P75_COS		3175.48	280.96	-394.65	287.08	323.10	41.65	-69.53	-269.40	-115.95	-82.07	102.80	56.37	56.70	29.04	-16.57	-27.22
MRBLD1FB42P75_SIN		0.00	-32.70	-10.86	20.83	369.50	-300.97	134.48	-360.37	-38.09	-54.69	-190.51	48.34	21.25	10.73	37.33	-19.86
MRBLD1FB70_COS		430.38	1.70	-194.70	84.24	61.78	16.58	-10.89	-33.35	-3.79	-0.89	-1.62	2.16	-4.44	-6.61	2.85	6.27
MRBLD1FB70_SIN		0.00	-202.57	6.52	-17.48	118.13	-92.90	40.66	-63.34	-2.09	4.92	0.54	3.24	2.49	-0.36	-9.77	3.02
MRBLD1FB87_COS		-54.94	25.21	-178.34	27.59	-5.10	-29.33	-6.26	22.98	18.29	16.35	-17.22	-9.36	-8.27	-4.60	-0.28	1.09
MRBLD1FB87_SIN		0.00	-196.41	16.63	19.51	63.62	-13.82	-6.25	29.38	1.36	7.48	44.33	-12.79	-5.03	0.34	-5.10	3.99
MRBLD1FB120_COS		-465.85	17.59	-279.59	14.90	-31.41	-61.87	18.54	53.78	2.76	-0.22	0.79	-2.39	7.64	8.07	0.00	-1.07
MRBLD1FB120_SIN		0.00	-238.60	19.89	95.99	39.89	68.94	-61.70	91.29	1.87	-6.90	-14.31	3.02	2.02	-1.62	6.07	-7.30
MRBLD1FB164_COS		-160.86	60.22	-176.24	-32.24	10.37	69.83	18.03	-72.08	-19.16	1.97	-5.48	2.51	-3.43	-2.80	6.24	5.82
MRBLD1FB164_SIN		0.00	-355.65	147.87	184.63	-137.89	67.24	33.83	-130.34	-9.22	6.69	30.54	-9.04	-4.16	1.31	-1.23	5.44

RUN	POINT	Harmonics															
42	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-193.72	22.07	-10.99	-41.74	21.28	81.02	8.00	-78.03	-11.10	23.28	-33.46	-19.46	2.57	17.88	-9.72	-15.45
MRBLD1FB180_SIN		0.00	-261.10	130.99	116.13	-107.65	-18.67	56.52	-109.65	-26.61	-20.64	76.23	-19.07	-9.07	-7.37	6.94	-6.42
MRBLD1TOR51_COS		-1418.92	107.25	179.21	-36.41	-0.13	285.31	-57.02	-13.84	7.06	9.86	-8.42	-1.88	2.05	5.39	-0.61	-0.83
MRBLD1TOR51_SIN		0.00	-135.36	168.07	60.40	-43.92	-87.88	-4.09	-48.18	-5.91	-8.50	-1.21	-3.86	-10.87	3.18	-0.92	-10.18
MRBLD1TOR71_COS		-282.73	124.10	156.57	-40.91	2.09	259.02	-39.07	-10.69	7.52	7.24	-11.94	-3.10	1.43	6.60	-1.41	-1.90
MRBLD1TOR71_SIN		0.00	-132.54	150.74	48.12	-64.68	-71.44	-8.67	-20.90	1.52	-6.15	5.88	-4.24	-11.25	2.18	-0.31	-5.92
MRBLD1TOR130_COS		-42.61	111.10	184.31	-47.83	-4.14	214.96	-21.77	-11.21	3.31	-0.10	9.90	-3.24	-0.87	0.43	-5.75	-2.94
MRBLD1TOR130_SIN		0.00	-122.52	144.72	50.68	-70.72	-65.22	2.38	-26.76	0.36	-6.84	2.04	11.93	3.39	0.42	-0.47	4.80
MRBLD1TOR164_COS		-233.74	69.33	178.84	-32.69	-7.98	129.80	-14.07	-7.13	6.36	4.28	-1.73	0.19	-0.27	2.72	-4.40	-0.62
MRBLD1TOR164_SIN		0.00	-63.39	97.07	12.00	-21.71	-69.66	12.41	-3.98	-0.64	-2.51	5.88	4.78	8.62	2.05	0.22	3.09
MRFBM1CB26P5_COS		-4459.51	-725.09	-17.86	55.22	22.24	29.22	-3.39	-4.80	0.33	-2.04	19.17	-0.66	0.62	1.38	-2.82	-1.79
MRFBM1CB26P5_SIN		0.00	-68.88	31.81	-28.40	-59.91	-20.69	-39.62	-15.36	0.67	-5.50	-2.15	3.73	2.29	1.06	-0.16	-1.66
MRFBM1FB9_COS		372.17	27.39	144.85	-52.97	-9.14	-13.86	21.95	-5.81	0.27	-0.24	-6.79	1.06	0.35	0.72	1.26	-0.78
MRFBM1FB9_SIN		0.00	-83.53	26.29	-38.88	-63.76	21.47	-0.23	25.72	5.85	1.53	1.80	-2.50	-2.07	-0.51	0.38	0.52
MRFBM1TOR26P5_COS		-342.36	76.13	0.73	-0.33	-1.17	2.95	-1.38	0.08	0.17	0.22	-0.41	0.16	-0.01	-0.04	0.23	0.08
MRFBM1TOR26P5_SIN		0.00	-103.59	1.65	0.27	-1.08	-0.68	-0.21	-0.15	0.03	0.24	0.00	-0.20	-0.06	0.02	-0.04	-0.10

RUN	POINT	Harmonics															
42	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1210.30	-1501.41	-7.00	150.00	-27.99	118.59	-84.91	-16.54	16.97	6.43	66.88	-3.23	0.24	-7.13	-24.25	0.92
MRPC1CB33P25_SIN		0.00	69.37	52.70	-73.65	101.60	-109.96	40.93	-180.57	-33.98	-0.26	-76.90	42.73	19.33	10.02	6.68	-6.11
MRPC1FB33P25_COS		2252.84	210.16	-345.58	236.64	168.82	102.99	-94.40	-66.48	-66.47	-31.57	181.42	8.82	24.80	9.86	-45.71	1.44
MRPC1FB33P25_SIN		0.00	142.00	-81.00	71.05	395.96	-227.48	89.48	-393.89	-84.71	-79.63	-82.67	69.01	55.03	30.27	10.48	-32.77
MRPC1TOR25P5_COS		-742.85	-82.99	-239.12	55.08	-10.12	-315.31	56.71	8.03	-8.06	-10.89	20.89	-0.19	-3.42	-4.69	-13.01	-2.10
MRPC1TOR25P5_SIN		0.00	188.74	-221.44	-45.05	80.20	85.25	13.29	29.55	-0.84	6.97	-5.21	14.38	16.04	-0.65	1.99	11.22
MRPLK1LOAD_COS		-76.34	-5.75	-27.49	7.40	-0.90	-41.64	8.80	2.17	-0.93	-1.78	3.44	-0.81	-0.41	-0.40	-2.72	-0.73
MRPLK1LOAD_SIN		0.00	-1.97	-25.48	-7.67	8.82	12.75	0.61	5.82	0.25	0.11	-0.13	2.20	1.86	-0.25	0.08	1.97
PITCHRH_COS		8161.84	-8424.28	-249.46	9.97	-164.47	1809.74	48.57	-6.22	201.70	-47.99	34.51	-63.86	-15.09	73.70	-14.60	-208.50
PITCHRH_SIN		0.00	1840.25	-693.16	11.40	-35.98	1047.53	65.92	246.28	85.47	-95.96	-219.07	77.40	-44.82	28.84	15.64	98.73
ROLLRH_COS		2547.95	-1504.67	770.12	10.44	-401.16	-2134.09	95.32	-71.97	80.32	140.87	157.88	-133.10	27.24	-71.66	35.80	-460.05
ROLLRH_SIN		0.00	-8195.68	-406.04	12.37	218.05	2861.33	-100.88	-95.23	24.28	5.33	-36.87	-38.38	-90.88	32.45	-32.84	-180.22
TORQ_COS		34192.64	341.21	-16.29	46.56	47.10	-196.84	-3.87	8.29	-28.75	-8.16	-41.94	2.15	4.76	-8.92	1.77	7.20
TORQ_SIN		0.00	662.88	-25.15	46.42	-13.06	12.08	9.58	17.15	-18.41	-5.87	5.76	5.35	-2.08	6.80	-7.94	-28.68
THRUST_COS		5807.90	-46.64	25.17	24.76	-1.53	-123.21	-3.78	30.43	-4.43	-8.59	-44.21	-1.45	0.81	6.11	-4.17	8.72
THRUST_SIN		0.00	-88.48	15.17	-1.99	16.77	109.53	2.86	6.39	-0.23	-1.33	56.84	-2.59	1.02	4.15	-5.57	11.30

RUN	POINT	Harmonics															
42	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.93	24.87	-19.59	0.52	17.62	-30.05	2.54	-1.55	-3.49	-6.90	-8.81	7.22	-0.65	2.00	-1.59	13.66
SIDERH_SIN		0.00	205.74	10.47	2.33	-77.93	-375.06	4.04	4.92	0.75	0.28	-0.62	3.64	2.12	-0.44	0.65	5.20
DRAGRH_COS		-158.32	227.19	9.11	-7.01	0.45	241.77	-31.87	2.30	-9.09	3.79	-10.95	4.76	-0.84	-1.50	-0.20	12.40
DRAGRH_SIN		0.00	-56.47	18.53	2.59	15.29	246.10	-4.97	-0.87	-3.37	7.18	2.35	-8.23	2.17	-1.75	-1.97	-7.38

RUN	POINT	Harmonics															
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-0.24	-0.40	0.22	-0.43	0.04	0.03	0.02	-0.02	-0.01	0.01	-0.01	0.00	0.00	-0.02
FLAP1C_SIN		0.00	0.00	-0.28	0.48	0.48	-0.01	0.02	0.00	0.01	0.00	0.01	-0.01	0.00	0.00	-0.02	0.00
ACT1DISP_COS		2.65	0.00	0.03	0.04	-0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.03	-0.05	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.42	1.51	0.99	-6.02	-9.68	-2.27	1.17	1.03	0.49	-0.20	-0.27	0.30	-0.42	0.03	0.70	-0.54
ACT1FORCE_SIN		0.00	15.04	-0.36	1.89	3.87	-6.34	0.40	-0.08	0.41	-0.16	0.26	-0.26	-0.30	-0.25	-0.88	0.38
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.04	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.01	-0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		348.39	-21.25	-66.21	-22.26	134.14	-76.05	-0.14	0.19	-0.02	0.05	-0.09	0.01	0.09	-0.06	0.27	-0.01
FA1IBVOLTAGE_SIN		0.00	-97.13	-41.30	98.05	65.18	56.07	0.09	0.23	0.16	0.10	-0.13	0.08	-0.13	-0.07	0.01	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.04	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	-0.02	0.05	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		457.35	21.35	66.47	22.08	-134.78	75.71	0.00	0.04	0.00	-0.07	0.00	0.00	-0.09	0.05	-0.24	0.01
FA1OBVOLTAGE_SIN		0.00	97.30	41.38	-98.24	-64.91	-56.84	-0.05	-0.11	-0.20	0.26	0.07	-0.08	0.12	0.07	-0.03	0.05
MRBLD1CB42P75_COS		-4675.98	-1313.78	4.98	302.15	-139.66	5.68	-91.14	-65.39	21.37	-9.17	104.88	-9.56	3.31	2.42	-47.29	-9.72
MRBLD1CB42P75_SIN		0.00	-42.32	-18.80	-46.50	144.56	81.39	7.87	-1.93	-54.36	-41.76	-73.19	44.18	15.43	14.10	36.68	-11.68

RUN	POINT	Harmonics															
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2848.80	-812.01	268.31	236.82	-185.15	-33.79	-163.72	-31.37	24.53	-10.79	45.78	-4.18	6.03	6.33	-32.57	-4.40
MRBLD1CB70_SIN		0.00	-11.91	-46.04	13.57	206.53	85.23	64.88	32.59	-37.26	-32.13	-61.66	22.24	13.73	6.07	23.58	-9.44
MRBLD1CB120_COS		-404.32	-335.32	389.39	227.13	-188.16	-15.24	-194.95	-7.87	-30.23	12.46	-35.68	10.29	2.13	7.81	-1.52	-1.07
MRBLD1CB120_SIN		0.00	108.63	-141.42	-67.18	228.48	52.77	81.17	21.12	-5.67	-10.07	40.86	-19.55	3.70	1.09	-10.49	-7.32
MRBLD1CB164_COS		-1956.17	-110.05	126.95	55.71	-131.14	-22.86	-63.22	20.44	-33.22	17.17	-24.22	12.55	3.32	0.82	22.58	-1.21
MRBLD1CB164_SIN		0.00	84.55	-61.42	-6.68	117.87	-8.21	22.52	3.02	-2.77	-7.68	48.17	-7.93	-3.45	-3.49	-10.07	12.82
MRBLD1FB42P75_COS		3037.08	176.37	-391.75	485.91	-192.23	113.00	-163.73	-249.74	-135.22	-49.85	109.15	42.58	46.38	43.86	-7.37	-53.64
MRBLD1FB42P75_SIN		0.00	36.81	8.75	-160.95	478.33	92.96	70.56	0.99	-55.08	-124.33	-121.56	17.95	-4.60	5.20	121.65	1.94
MRBLD1FB70_COS		398.64	-7.82	-178.38	139.24	-84.18	31.44	-26.85	-27.99	-5.00	1.67	2.21	-0.57	-4.65	-7.97	4.68	12.38
MRBLD1FB70_SIN		0.00	-188.00	24.20	-52.78	127.53	11.66	15.05	7.67	-2.68	0.75	2.53	3.45	4.11	0.27	-25.76	-1.18
MRBLD1FB87_COS		-102.28	18.96	-144.73	44.62	-66.89	-17.51	-1.21	23.24	18.21	10.97	-20.47	-6.92	-8.11	-8.27	-1.34	7.09
MRBLD1FB87_SIN		0.00	-191.78	46.70	18.47	61.44	-2.65	-6.17	-2.61	3.98	17.15	27.60	-5.73	1.32	1.03	-23.01	0.47
MRBLD1FB120_COS		-496.21	19.52	-213.62	4.10	-13.92	-53.09	34.58	44.23	11.27	-3.46	-2.20	-0.19	7.54	11.06	-1.34	-12.22
MRBLD1FB120_SIN		0.00	-252.42	96.58	109.67	27.23	-22.06	-30.28	-8.62	4.80	2.95	-9.37	-1.31	-7.46	-3.51	34.37	-1.51
MRBLD1FB164_COS		-218.59	57.38	-302.32	70.51	203.83	52.82	-13.43	-73.56	-24.98	2.63	-2.10	2.70	-5.61	-5.64	1.69	5.24
MRBLD1FB164_SIN		0.00	-331.74	147.36	68.99	-179.18	-22.10	37.59	4.74	-13.35	1.21	15.86	-4.28	1.84	0.00	-19.12	2.27

RUN	POINT	Harmonics															
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.81	4.07	-167.57	31.37	145.87	71.55	-52.46	-73.25	-1.65	9.38	-50.06	1.12	12.13	13.25	-7.70	-11.62
MRBLD1FB180_SIN		0.00	-233.61	98.96	15.16	-136.09	-21.78	47.00	19.41	-22.06	8.92	57.07	-9.54	-13.96	-12.93	39.39	2.75
MRBLD1TOR51_COS		-1441.50	73.46	-7.13	121.23	27.10	80.72	9.61	-20.06	1.51	-0.21	-13.01	1.13	2.03	3.51	-6.41	-4.73
MRBLD1TOR51_SIN		0.00	-76.59	34.86	-61.66	-47.80	154.53	-24.02	9.40	-3.92	-9.36	-0.82	-3.72	-1.71	-0.85	7.24	-0.58
MRBLD1TOR71_COS		-249.98	87.64	-15.95	91.91	42.53	76.79	21.61	-9.43	3.54	-0.89	-17.02	0.73	1.18	3.52	-4.53	-3.38
MRBLD1TOR71_SIN		0.00	-76.26	27.05	-62.75	-64.43	137.89	-17.38	14.80	4.56	-1.67	3.03	-3.34	-2.76	-1.36	-0.02	0.83
MRBLD1TOR130_COS		-7.36	79.43	5.29	63.98	56.86	71.77	15.81	-10.31	0.26	2.73	7.70	-0.43	1.53	-0.29	-2.95	0.82
MRBLD1TOR130_SIN		0.00	-62.66	23.02	-58.72	-76.24	114.00	-5.04	9.48	1.35	-3.85	5.54	7.15	2.59	2.16	-7.37	2.49
MRBLD1TOR164_COS		-212.15	42.61	55.20	26.34	0.96	44.88	1.07	0.66	5.92	1.92	-2.01	0.70	5.20	4.22	-7.08	-0.14
MRBLD1TOR164_SIN		0.00	-21.41	4.19	-52.34	-35.93	68.46	3.55	9.50	2.55	1.82	2.65	3.44	2.69	2.26	-4.09	-2.81
MRFBM1CB26P5_COS		-4950.26	-551.56	-33.93	79.17	30.76	12.44	14.72	-9.69	-4.16	1.95	14.33	-0.19	0.95	0.27	-5.47	-2.93
MRFBM1CB26P5_SIN		0.00	-96.03	9.35	-42.39	-11.47	6.79	-18.00	-10.39	-6.73	-4.62	1.03	2.64	0.69	2.48	2.78	-2.69
MRFBM1FB9_COS		258.88	-55.64	145.80	-115.85	48.90	0.03	12.28	8.98	0.29	-2.55	-6.21	0.52	-0.36	0.19	3.49	-0.51
MRFBM1FB9_SIN		0.00	11.36	18.19	-18.62	-45.01	-10.12	11.47	7.82	6.15	3.71	-0.91	-1.38	-1.57	-1.09	-0.32	1.43
MRFBM1TOR26P5_COS		-353.76	80.27	-0.58	0.63	0.20	0.70	0.38	-0.12	0.13	-0.01	-0.26	0.10	-0.04	0.00	0.29	0.04
MRFBM1TOR26P5_SIN		0.00	-107.72	0.54	-0.37	-1.31	1.05	-0.40	0.09	0.06	0.11	-0.03	-0.15	-0.02	0.02	0.28	0.01

RUN	POINT	Harmonics															
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-689.54	-1200.97	-68.09	284.60	-74.34	33.13	-59.28	-68.09	-2.93	-1.84	86.56	-1.98	6.34	7.00	-41.82	-11.58
MRPC1CB33P25_SIN		0.00	-1.96	2.17	-100.23	108.19	60.48	-12.88	-22.95	-47.87	-41.84	-46.89	33.00	11.98	14.23	31.93	-13.87
MRPC1FB33P25_COS		2242.22	112.00	-336.30	423.30	-278.35	57.91	-156.45	-190.94	-73.39	27.43	150.20	16.24	34.94	22.96	-115.02	-32.20
MRPC1FB33P25_SIN		0.00	200.82	-62.13	-35.75	356.35	101.47	1.80	-100.58	-104.79	-117.98	-28.19	40.09	30.36	38.44	62.64	-47.72
MRPC1TOR25P5_COS		-802.94	-55.01	-37.90	-110.49	-56.56	-90.09	-25.96	11.78	-3.92	1.18	29.79	-2.96	-0.09	-1.22	-15.56	-0.01
MRPC1TOR25P5_SIN		0.00	129.84	-84.60	88.37	70.38	-161.54	29.85	-16.86	-2.34	3.47	-2.97	12.87	4.07	7.55	-13.13	-4.79
MRPLK1LOAD_COS		-84.97	0.30	-1.90	-13.91	-6.06	-12.17	-2.16	2.72	-0.13	0.15	3.89	-0.81	-0.08	-0.18	-2.54	-0.14
MRPLK1LOAD_SIN		0.00	-12.06	-6.98	9.92	7.71	-21.20	3.67	-1.74	-0.09	0.48	-0.06	1.82	0.26	0.93	-4.09	-0.27
PITCHRH_COS		10369.39	-8247.02	-776.25	-56.17	40.49	203.01	87.34	-73.03	-9.83	69.66	46.28	-118.05	9.29	-126.24	27.07	-582.21
PITCHRH_SIN		0.00	1966.23	-634.14	123.18	-170.47	2243.65	-17.26	32.36	-10.43	5.62	-131.66	-28.75	14.74	72.61	-38.25	212.92
ROLLRH_COS		1114.91	-1853.88	691.80	21.27	-426.42	-3241.70	-101.61	-80.04	143.81	62.87	249.15	-18.33	-8.49	-10.74	47.16	-542.18
ROLLRH_SIN		0.00	-7997.86	-883.73	-23.32	-191.96	405.13	-112.12	-107.49	51.30	3.30	-132.72	-101.97	88.36	-50.86	37.27	-633.26
TORQ_COS		31296.86	257.95	5.76	0.75	-63.78	18.94	-12.41	4.26	-4.37	-0.14	-29.18	1.97	7.06	1.62	-5.80	13.43
TORQ_SIN		0.00	680.82	-18.52	34.13	-42.79	-68.75	6.42	26.66	0.24	-6.76	0.86	5.86	-7.32	7.12	-8.27	-17.60
THRUST_COS		5822.81	-63.89	0.25	13.07	20.77	-52.95	3.75	4.04	-2.35	-6.49	-48.33	0.06	2.57	2.55	2.75	12.24
THRUST_SIN		0.00	-98.07	7.47	11.07	28.17	-79.36	2.03	13.52	-0.47	3.20	16.77	5.33	-0.85	1.06	-13.44	35.31

RUN	POINT	Harmonics															
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.60	63.48	-19.15	-5.10	55.45	205.48	8.41	0.97	-3.51	-3.78	-7.55	0.03	0.51	0.06	-1.58	15.41
SIDERH_SIN		0.00	191.83	18.77	8.68	-14.93	-171.25	3.99	3.35	-2.43	0.90	5.27	3.55	-1.90	1.42	-1.34	17.59
DRAGRH_COS		-166.50	216.16	18.06	-4.73	-15.84	-83.72	-27.52	-1.13	4.57	-6.56	13.36	4.66	-0.25	6.26	-1.53	23.20
DRAGRH_SIN		0.00	-63.75	15.70	-0.82	14.64	241.61	-9.68	3.86	5.16	-4.04	3.21	-1.26	-0.44	-2.52	0.24	-9.62

RUN	POINT	Harmonics															
61	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	-0.40	-0.66	0.46	-0.49	0.06	0.02	0.01	-0.03	-0.02	0.02	-0.01	-0.01	0.02	-0.02
FLAP1C_SIN		0.00	0.00	-0.40	0.75	0.67	-0.16	0.04	-0.02	0.01	-0.01	0.02	0.00	-0.01	0.01	-0.03	0.01
ACT1DISP_COS		2.65	0.00	0.04	0.07	-0.05	0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.04	-0.08	-0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.02	1.51	0.64	-7.50	-9.62	-1.91	1.77	0.81	0.28	-0.72	-0.62	0.48	-0.34	0.02	0.85	-0.70
ACT1FORCE_SIN		0.00	14.38	-0.85	2.29	5.77	-6.95	0.79	-0.51	0.18	-0.22	0.49	-0.05	-0.47	-0.09	-0.91	0.66
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.05	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	0.03	-0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		345.49	-26.77	-85.73	-40.07	175.48	-92.62	-0.47	0.40	0.03	0.04	-0.06	-0.13	0.22	-0.16	0.30	-0.06
FA1IBVOLTAGE_SIN		0.00	-84.65	-39.56	142.56	75.14	37.00	0.22	0.42	-0.06	0.08	-0.31	0.12	-0.11	-0.17	0.13	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.02	-0.05	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	-0.03	0.08	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		460.33	26.71	86.02	40.01	-176.13	92.39	0.03	0.09	-0.02	-0.21	0.05	0.12	-0.21	0.12	-0.27	0.08
FA1OBVOLTAGE_SIN		0.00	84.76	39.76	-142.94	-75.08	-37.75	0.03	-0.02	-0.27	0.43	0.19	-0.14	0.08	0.15	-0.11	0.07
MRBLD1CB42P75_COS		-4648.54	-1354.97	-23.77	294.28	-163.56	16.74	-97.80	-48.43	33.36	-20.19	61.77	-12.79	3.21	2.72	-51.93	-4.69
MRBLD1CB42P75_SIN		0.00	-84.61	-21.98	-59.80	124.50	101.20	-12.13	5.96	-59.10	-42.14	-66.83	22.50	18.44	13.35	24.98	-13.29

RUN	POINT	Harmonics															
61	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2864.77	-835.86	248.29	240.02	-236.44	-46.09	-189.84	-21.05	37.19	-23.12	17.72	-9.41	0.26	6.18	-36.05	-0.82
MRBLD1CB70_SIN		0.00	-40.86	-42.55	1.69	157.78	71.35	52.27	54.62	-41.42	-34.32	-47.30	7.30	17.64	2.35	14.10	-13.30
MRBLD1CB120_COS		-402.83	-342.72	372.34	232.97	-250.59	-36.68	-242.12	-14.27	-31.89	14.84	-15.90	13.96	2.40	7.72	-1.03	-0.14
MRBLD1CB120_SIN		0.00	96.99	-136.09	-81.19	191.64	21.10	74.73	40.53	-7.85	-9.79	39.76	-9.28	1.99	1.13	-11.91	-6.71
MRBLD1CB164_COS		-1958.15	-111.12	120.40	45.25	-157.61	-35.50	-87.56	11.69	-38.17	23.49	-4.25	19.21	8.69	0.86	24.28	-4.38
MRBLD1CB164_SIN		0.00	80.77	-65.30	-8.57	112.13	-33.25	24.96	9.39	-3.47	-6.39	41.31	3.11	-7.32	0.64	-4.34	15.97
MRBLD1FB42P75_COS		3032.01	188.85	-405.26	435.34	-205.18	181.25	-197.50	-243.69	-137.86	-51.70	72.83	35.60	49.32	39.70	-40.30	-47.91
MRBLD1FB42P75_SIN		0.00	45.85	3.66	-197.65	578.00	147.49	59.37	0.42	-54.78	-118.41	-112.96	3.54	-8.17	7.27	117.52	-7.35
MRBLD1FB70_COS		400.60	-10.53	-182.70	122.20	-91.23	47.83	-35.09	-26.12	-4.72	1.81	2.39	0.42	-4.08	-6.72	11.44	11.82
MRBLD1FB70_SIN		0.00	-186.49	20.80	-61.77	152.58	25.24	11.20	7.66	-4.14	1.09	3.45	3.70	4.34	-0.23	-24.40	1.00
MRBLD1FB87_COS		-100.02	16.42	-145.46	34.61	-69.19	-13.71	-0.03	23.40	18.58	11.53	-11.80	-4.65	-8.44	-7.02	5.51	5.88
MRBLD1FB87_SIN		0.00	-190.55	43.74	15.67	71.80	-1.29	-6.13	-3.65	3.80	15.68	23.93	-2.79	1.10	0.44	-22.21	2.63
MRBLD1FB120_COS		-494.04	15.92	-210.18	-7.12	-9.14	-66.88	42.17	41.78	11.09	-3.58	-5.30	-2.38	6.97	8.47	-11.77	-10.47
MRBLD1FB120_SIN		0.00	-252.61	93.33	109.26	25.31	-35.01	-24.31	-7.22	6.53	3.96	-7.39	-2.37	-6.28	-2.52	32.69	-5.05
MRBLD1FB164_COS		-216.79	58.32	-298.04	95.42	203.81	41.23	-20.25	-69.15	-26.95	2.89	4.28	4.94	-5.55	-4.58	6.82	3.89
MRBLD1FB164_SIN		0.00	-333.35	155.53	35.25	-227.93	-40.06	37.15	0.89	-17.35	3.66	14.01	-1.48	2.01	-0.46	-17.84	5.93

RUN	POINT	Harmonics															
61	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.22	6.06	-164.56	54.68	142.04	72.55	-64.68	-65.71	-2.17	10.41	-28.25	8.10	8.47	9.03	-20.17	-8.21
MRBLD1FB180_SIN		0.00	-235.13	105.51	-10.80	-170.71	-29.14	46.73	17.54	-26.67	15.62	55.35	-2.89	-15.77	-11.15	37.63	-1.82
MRBLD1TOR51_COS		-1444.14	74.11	1.32	147.72	10.90	85.40	29.76	-22.72	0.68	-2.35	-12.15	1.65	1.23	2.85	-7.76	-2.06
MRBLD1TOR51_SIN		0.00	-80.83	40.57	-87.58	-76.73	208.59	-45.48	7.90	-5.92	-8.25	2.03	-1.21	-3.12	-0.64	3.36	1.18
MRBLD1TOR71_COS		-251.31	88.53	-7.17	118.08	29.58	78.91	41.42	-12.71	2.32	-1.99	-14.41	0.99	0.32	2.94	-4.11	-2.03
MRBLD1TOR71_SIN		0.00	-79.00	31.94	-85.09	-92.81	185.47	-34.96	12.21	2.82	-0.57	5.35	-0.46	-4.58	-1.04	-2.76	2.10
MRBLD1TOR130_COS		-8.82	80.86	14.59	91.48	45.11	73.89	29.62	-12.73	-1.32	2.85	6.53	0.84	1.95	-0.20	-0.97	-0.61
MRBLD1TOR130_SIN		0.00	-65.63	27.85	-79.29	-105.00	151.84	-17.73	7.63	0.29	-2.76	4.92	6.47	2.51	2.83	-6.68	1.71
MRBLD1TOR164_COS		-212.75	43.91	63.18	45.01	-10.06	49.49	7.29	0.33	5.70	2.50	-0.09	0.79	5.23	3.78	-7.87	-1.31
MRBLD1TOR164_SIN		0.00	-23.70	7.88	-63.83	-49.51	96.23	-3.27	8.67	2.89	3.18	2.46	2.99	2.88	1.82	-4.86	-4.42
MRFBM1CB26P5_COS		-4931.64	-576.27	-45.42	78.34	39.84	17.93	19.34	-7.18	-5.18	2.39	11.89	0.35	2.33	-0.21	-6.20	-2.52
MRFBM1CB26P5_SIN		0.00	-121.25	6.85	-45.05	-8.24	17.69	-21.01	-14.67	-7.17	-4.29	-2.13	2.02	-0.02	2.90	1.27	-2.24
MRFBM1FB9_COS		252.63	-28.07	156.86	-106.57	55.01	-2.92	13.20	8.79	-0.09	-1.99	-4.85	0.21	-0.34	0.25	3.52	-0.87
MRFBM1FB9_SIN		0.00	22.05	22.00	-6.09	-52.67	-16.45	15.29	6.97	6.16	4.05	0.09	-0.72	-1.78	-0.98	0.55	1.28
MRFBM1TOR26P5_COS		-353.78	80.47	-0.46	0.80	-0.11	0.84	0.61	-0.13	0.15	-0.09	-0.24	0.08	-0.05	0.02	0.20	0.09
MRFBM1TOR26P5_SIN		0.00	-107.71	0.64	-0.46	-2.05	1.57	-0.80	0.13	0.03	0.10	0.04	-0.10	0.00	-0.01	0.32	0.03

RUN	POINT	Harmonics															
61	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-661.89	-1233.36	-94.58	275.87	-81.27	52.30	-64.76	-56.89	1.30	-8.30	57.34	-2.93	7.62	6.53	-47.52	-6.43
MRPC1CB33P25_SIN		0.00	-32.78	-1.66	-113.46	112.47	88.35	-30.85	-23.44	-51.09	-40.64	-46.11	19.23	12.24	14.07	20.40	-15.25
MRPC1FB33P25_COS		2235.19	123.16	-346.70	389.41	-312.00	96.10	-179.98	-185.21	-75.17	24.17	118.99	20.25	39.40	18.93	-129.03	-20.63
MRPC1FB33P25_SIN		0.00	210.66	-67.29	-73.30	434.24	160.25	-16.79	-97.15	-105.79	-114.83	-41.57	24.35	29.93	36.26	32.54	-47.64
MRPC1TOR25P5_COS		-800.94	-53.75	-48.14	-138.96	-43.06	-93.87	-48.37	14.82	-2.65	4.31	24.67	-3.61	0.91	-1.46	-12.36	-3.55
MRPC1TOR25P5_SIN		0.00	134.10	-90.52	115.31	104.23	-220.57	52.91	-14.45	-0.30	2.92	-6.76	6.54	5.07	6.83	-13.23	-8.11
MRPLK1LOAD_COS		-84.57	0.13	-3.18	-17.38	-3.98	-12.98	-5.09	3.02	-0.03	0.74	3.40	-0.84	0.03	-0.27	-1.57	-0.95
MRPLK1LOAD_SIN		0.00	-11.36	-7.89	13.26	12.04	-29.08	7.08	-1.56	0.25	0.54	-0.76	1.07	0.26	0.94	-4.12	-0.81
PITCHRH_COS		9878.78	-8260.86	-773.15	-34.65	56.43	331.79	107.11	-103.47	-83.43	58.43	97.35	-119.84	-9.82	-136.93	35.26	-676.36
PITCHRH_SIN		0.00	1981.64	-631.98	117.11	-193.33	2625.86	51.13	6.68	62.96	28.61	-146.33	-14.69	12.69	49.84	-34.76	141.54
ROLLRH_COS		841.13	-1817.25	676.35	11.08	-394.27	-3899.76	-101.45	-109.84	126.98	53.67	236.92	-7.14	-10.81	-34.78	39.26	-506.50
ROLLRH_SIN		0.00	-7990.91	-886.32	-39.17	-370.00	383.31	-99.22	-140.77	65.52	19.31	-196.11	-115.28	112.25	-88.79	30.98	-662.25
TORQ_COS		31709.15	277.93	3.29	-1.46	-70.69	12.86	-18.48	-8.59	1.23	1.31	-23.28	0.64	3.59	-0.56	-5.90	16.56
TORQ_SIN		0.00	672.14	-16.09	37.62	-44.41	-97.04	6.86	49.16	4.36	-9.18	9.46	5.36	-3.58	7.60	-3.64	-17.78
THRUST_COS		5799.89	-66.76	0.10	13.02	22.15	-77.54	5.48	6.44	-0.98	-6.47	-39.07	1.42	5.53	1.13	5.22	4.59
THRUST_SIN		0.00	-99.60	7.52	15.26	29.32	-118.79	3.78	26.43	-3.11	3.85	16.28	2.56	-2.10	2.91	-15.02	35.68

RUN	POINT	Harmonics															
61	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.23	58.44	-19.18	-6.37	58.74	252.37	9.17	1.75	-3.36	-3.14	-5.68	-0.53	0.60	0.70	-1.38	14.47
SIDERH_SIN		0.00	188.33	19.27	7.35	15.44	-210.39	3.81	3.50	-3.55	0.04	7.17	3.82	-2.33	2.59	-1.18	18.24
DRAGRH_COS		-169.60	216.06	17.80	-4.63	-14.48	-120.26	-31.31	-1.98	6.87	-3.48	14.15	4.08	1.44	5.93	-1.58	27.68
DRAGRH_SIN		0.00	-63.26	14.58	-0.38	15.15	305.67	-16.39	3.80	1.56	-6.33	3.08	-1.73	-1.27	-1.50	0.10	-6.97

RUN	POINT	Harmonics															
61	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.45	-0.77	0.59	-0.49	0.05	0.01	0.00	-0.03	-0.02	0.03	-0.01	-0.01	0.02	-0.02
FLAP1C_SIN		0.00	0.00	-0.45	0.84	0.75	-0.25	0.05	-0.02	0.02	-0.01	0.02	0.00	-0.02	0.01	-0.02	0.02
ACT1DISP_COS		2.65	0.00	0.05	0.09	-0.07	0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.05	-0.09	-0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.30	1.38	0.27	-8.00	-9.49	-1.52	1.76	0.41	0.16	-0.69	-0.62	0.71	-0.33	-0.22	0.86	-0.76
ACT1FORCE_SIN		0.00	14.20	-0.88	2.42	6.28	-7.25	0.83	-0.65	0.38	-0.13	0.47	-0.09	-0.68	-0.01	-0.80	0.81
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.06	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.02	0.03	-0.09	0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		343.26	-29.09	-89.78	-45.17	195.41	-97.88	-0.65	0.52	0.07	-0.03	-0.06	-0.17	0.27	-0.19	0.27	-0.09
FA1IBVOLTAGE_SIN		0.00	-79.01	-40.53	154.37	77.97	25.22	0.22	0.51	-0.20	0.12	-0.34	0.13	-0.06	-0.26	0.19	-0.13
FA1OBCURRENT_COS		0.02	0.01	0.02	-0.06	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	-0.03	0.09	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		462.59	28.98	90.15	44.92	-196.26	97.63	0.02	0.12	0.04	-0.27	0.10	0.17	-0.26	0.14	-0.25	0.14
FA1OBVOLTAGE_SIN		0.00	79.07	40.71	-154.90	-77.53	-26.25	0.12	0.08	-0.34	0.45	0.21	-0.17	0.04	0.22	-0.14	0.10
MRBLD1CB42P75_COS		-4652.13	-1565.05	-25.98	289.65	-175.76	22.80	-96.85	-36.94	35.85	-17.61	58.82	-11.70	0.08	3.34	-47.67	-5.44
MRBLD1CB42P75_SIN		0.00	-174.77	-23.38	-72.28	109.29	95.66	-20.52	33.73	-63.10	-45.65	-63.90	6.94	17.33	11.34	27.11	-15.08

RUN	POINT	Harmonics															
61	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2865.04	-968.62	246.56	246.05	-261.48	-55.47	-201.85	-12.47	37.82	-19.60	25.41	-9.04	-0.85	5.96	-30.73	-0.01
MRBLD1CB70_SIN		0.00	-102.04	-40.34	-11.26	129.76	55.77	39.46	76.07	-42.25	-37.35	-36.35	-1.36	17.05	1.48	16.31	-13.74
MRBLD1CB120_COS		-395.22	-392.48	371.91	243.65	-285.24	-52.66	-261.06	-4.46	-37.96	10.28	-20.18	12.51	3.44	6.98	-0.77	-0.15
MRBLD1CB120_SIN		0.00	70.37	-134.18	-98.32	155.47	6.44	56.36	46.28	-3.62	-10.60	35.19	-3.55	0.36	1.02	-9.91	-5.40
MRBLD1CB164_COS		-1955.20	-121.65	120.98	45.58	-171.41	-42.74	-98.37	13.52	-41.20	18.39	-14.24	17.51	8.21	0.85	21.93	-5.23
MRBLD1CB164_SIN		0.00	75.81	-65.87	-17.03	98.55	-42.07	15.82	3.12	-1.13	-7.58	27.78	6.46	-7.95	1.14	-7.44	15.01
MRBLD1FB42P75_COS		3036.88	247.38	-400.59	405.59	-241.42	210.61	-182.87	-184.04	-137.82	-60.79	32.27	23.93	44.00	42.43	-25.20	-45.47
MRBLD1FB42P75_SIN		0.00	53.78	0.66	-239.62	553.64	164.88	49.78	21.94	-49.17	-114.07	-109.96	-11.14	-11.47	2.48	114.65	-2.81
MRBLD1FB70_COS		400.15	-9.90	-178.37	112.79	-102.54	54.21	-33.69	-17.20	-5.56	1.25	2.52	0.67	-3.59	-7.33	7.47	10.62
MRBLD1FB70_SIN		0.00	-191.13	18.39	-74.95	145.07	28.09	7.30	10.80	-4.94	0.46	3.42	3.98	5.16	1.14	-23.74	0.31
MRBLD1FB87_COS		-101.88	16.55	-141.72	29.18	-72.72	-12.83	-2.22	17.01	17.55	12.21	-4.28	-2.29	-7.18	-7.14	2.80	5.29
MRBLD1FB87_SIN		0.00	-192.69	42.56	9.75	70.75	0.01	-5.19	-5.50	3.93	15.98	23.61	0.93	1.84	1.77	-21.19	1.68
MRBLD1FB120_COS		-498.10	14.18	-207.74	-13.89	-5.03	-72.22	40.88	29.04	12.95	-1.83	-6.22	-3.51	5.45	9.04	-7.29	-9.15
MRBLD1FB120_SIN		0.00	-254.51	91.62	102.88	28.82	-38.68	-20.34	-12.22	5.75	3.92	-7.98	-3.93	-7.20	-4.93	31.61	-3.86
MRBLD1FB164_COS		-218.73	58.02	-296.52	100.06	206.63	37.42	-18.88	-48.89	-27.59	-0.10	7.55	6.28	-4.33	-3.67	5.07	3.88
MRBLD1FB164_SIN		0.00	-337.93	156.49	22.14	-226.54	-39.62	35.06	9.82	-17.78	4.22	14.42	1.75	3.18	0.61	-17.09	5.52

RUN	POINT	Harmonics															
61	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-221.33	3.56	-165.35	59.79	140.18	73.16	-65.14	-47.78	-3.72	9.21	-13.02	12.00	8.38	9.98	-13.61	-6.71
MRBLD1FB180_SIN		0.00	-238.20	108.00	-17.44	-170.37	-25.29	44.50	25.56	-28.32	16.41	53.18	1.97	-18.70	-14.85	34.24	-0.96
MRBLD1TOR51_COS		-1443.11	72.55	9.26	158.93	-6.47	75.96	41.60	-17.14	-1.52	-3.12	-10.36	2.12	1.68	3.26	-5.83	-3.79
MRBLD1TOR51_SIN		0.00	-84.42	42.81	-95.78	-95.16	229.10	-40.75	14.58	-4.34	-7.51	2.99	-0.34	-4.21	0.18	4.12	5.30
MRBLD1TOR71_COS		-251.67	89.89	0.50	128.78	14.85	69.90	51.69	-8.92	0.55	-2.40	-12.18	1.48	1.01	2.96	-2.46	-3.18
MRBLD1TOR71_SIN		0.00	-81.57	34.03	-91.07	-108.26	203.37	-30.00	15.76	4.17	0.47	6.19	1.05	-5.38	-0.82	-1.49	4.45
MRBLD1TOR130_COS		-9.77	81.51	21.60	102.62	32.74	66.46	36.75	-8.20	-2.67	2.14	5.02	1.37	1.92	-0.97	-0.85	0.46
MRBLD1TOR130_SIN		0.00	-68.17	29.77	-83.40	-116.48	166.47	-13.99	11.00	1.08	-2.50	2.38	5.14	2.08	1.89	-6.09	-1.21
MRBLD1TOR164_COS		-213.65	43.68	68.00	53.22	-19.26	46.11	9.73	1.70	5.24	2.60	0.84	0.83	5.23	3.86	-7.51	0.49
MRBLD1TOR164_SIN		0.00	-25.39	9.47	-64.94	-57.71	106.26	-1.82	8.30	2.89	3.96	1.59	2.26	2.83	0.79	-4.23	-7.64
MRFBM1CB26P5_COS		-4935.05	-684.54	-45.55	76.45	43.36	22.53	23.30	-6.25	-4.43	2.07	8.07	0.55	2.39	0.50	-6.19	-2.55
MRFBM1CB26P5_SIN		0.00	-178.12	6.65	-45.46	-4.64	20.49	-19.90	-12.09	-7.37	-4.13	-5.31	1.12	-0.14	2.88	1.96	-1.80
MRFBM1FB9_COS		265.12	54.03	152.48	-102.95	57.91	-4.00	11.61	7.52	-0.03	-1.65	-4.30	-0.15	-0.29	0.16	3.56	-0.68
MRFBM1FB9_SIN		0.00	21.06	24.44	6.64	-47.30	-19.03	16.15	3.88	6.18	4.42	0.89	-0.01	-1.59	-1.06	0.13	1.33
MRFBM1TOR26P5_COS		-353.78	80.90	-0.34	0.91	-0.33	0.78	0.87	-0.16	0.18	-0.04	-0.12	0.08	-0.05	0.03	0.17	0.06
MRFBM1TOR26P5_SIN		0.00	-107.33	0.73	-0.41	-2.45	1.86	-0.86	0.20	0.03	0.04	0.15	-0.06	0.01	0.02	0.24	0.12

RUN	POINT	Harmonics															
61	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-660.98	-1412.95	-96.41	267.82	-86.90	63.31	-60.43	-43.86	1.20	-8.63	47.24	-2.10	5.62	8.06	-43.51	-6.81
MRPC1CB33P25_SIN		0.00	-97.19	-6.01	-124.92	106.63	88.71	-36.49	-1.39	-52.70	-41.72	-49.38	8.25	10.81	12.18	23.30	-15.31
MRPC1FB33P25_COS		2238.41	176.01	-343.53	373.01	-337.36	114.11	-166.97	-148.12	-77.52	15.46	89.22	20.82	38.26	23.52	-118.01	-22.37
MRPC1FB33P25_SIN		0.00	222.74	-67.93	-112.43	405.98	179.78	-20.16	-57.14	-101.84	-116.44	-62.02	7.08	23.68	35.01	43.57	-44.23
MRPC1TOR25P5_COS		-800.32	-47.20	-59.46	-150.88	-26.51	-83.16	-61.92	10.12	-0.65	4.54	20.46	-4.36	0.76	-2.34	-12.34	-1.01
MRPC1TOR25P5_SIN		0.00	138.73	-89.01	122.89	123.92	-243.15	47.95	-19.91	-1.41	1.83	-9.78	3.32	5.56	4.15	-10.57	-15.47
MRPLK1LOAD_COS		-84.66	-0.08	-4.25	-18.88	-1.49	-11.68	-7.17	2.35	0.11	0.64	2.66	-0.92	0.06	-0.50	-1.46	-0.60
MRPLK1LOAD_SIN		0.00	-11.17	-8.04	14.22	14.65	-32.20	6.46	-2.49	0.13	0.61	-1.41	0.57	0.29	0.40	-3.36	-2.17
PITCHRH_COS		8408.04	-8237.51	-760.93	-44.44	91.47	280.15	144.82	-90.52	-106.40	117.68	140.74	-101.91	23.38	-149.02	19.22	-670.01
PITCHRH_SIN		0.00	1997.43	-652.56	98.94	-226.53	2423.06	125.01	37.10	62.72	5.02	-184.90	15.08	18.68	19.95	-38.69	108.38
ROLLRH_COS		792.40	-1793.65	695.57	20.57	-328.23	-3805.71	-129.66	-120.48	87.77	82.16	245.04	14.51	-32.55	-27.22	13.27	-519.14
ROLLRH_SIN		0.00	-8003.64	-902.45	-48.66	-444.12	66.61	-42.49	-125.16	62.59	36.58	-246.98	-88.91	126.34	-132.45	21.25	-683.34
TORQ_COS		31590.24	275.99	7.11	-5.88	-57.44	8.46	-19.60	-3.76	-2.65	1.02	-10.42	-1.14	2.48	1.93	-6.42	14.80
TORQ_SIN		0.00	621.09	-23.46	35.77	-61.39	-82.72	2.27	47.00	4.94	-9.28	17.15	3.74	-2.61	7.38	-8.10	-23.65
THRUST_COS		5830.07	-64.96	-0.12	11.17	19.26	-82.81	7.52	7.92	0.50	-10.06	-23.14	4.71	7.28	-0.03	8.39	0.96
THRUST_SIN		0.00	-96.81	8.73	16.99	33.53	-132.92	3.21	22.78	-2.33	3.81	13.83	-2.42	-1.07	1.85	-16.76	30.72

RUN	POINT	Harmonics															
61	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.75	54.49	-19.58	-6.21	56.20	271.14	13.27	0.91	-1.50	-4.05	-5.34	-1.39	0.89	0.43	-0.54	14.83
SIDERH_SIN		0.00	191.74	19.81	7.14	31.44	-200.19	3.10	2.60	-3.33	-1.13	8.92	2.80	-2.90	4.11	-0.82	18.77
DRAGRH_COS		-177.67	216.30	16.58	-3.32	-14.17	-147.81	-36.25	-1.21	8.11	-4.38	15.45	2.29	-0.08	5.19	-1.03	29.55
DRAGRH_SIN		0.00	-62.84	14.80	-0.67	11.07	329.77	-27.43	7.34	1.40	-4.77	7.96	-2.51	-1.24	-1.34	0.49	-6.48

RUN	POINT	Harmonics															
61	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	-0.01	-1.76	0.00	0.00	-0.43	0.00	0.04	0.11	0.04	0.00	-0.02	0.02	0.02	0.00	-0.02
FLAP1C_SIN		0.00	0.00	-0.94	0.00	0.00	0.90	0.00	0.07	0.01	0.01	-0.02	0.03	-0.07	0.01	-0.01	-0.01
ACT1DISP_COS		2.65	0.00	0.20	0.00	0.00	0.05	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.11	0.00	0.00	-0.10	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-45.13	-0.01	-2.35	-1.18	-2.70	-9.69	1.12	0.48	1.34	1.14	0.23	-0.48	0.49	0.23	0.05	-0.59
ACT1FORCE_SIN		0.00	14.29	-6.52	1.70	3.96	-1.14	-1.82	1.60	0.55	-0.45	-0.18	0.28	-1.35	-0.06	-0.30	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	-0.03	0.00	-0.01	0.12	0.01	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.08	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		358.58	17.79	-307.11	6.30	16.68	25.48	-0.70	-0.74	0.00	-0.24	0.04	-0.46	0.63	-0.01	0.20	0.10
FA1IBVOLTAGE_SIN		0.00	-113.81	-43.20	-15.08	-14.83	176.39	15.38	-0.28	0.56	0.30	0.30	-0.07	0.24	0.24	0.09	-0.17
FA1OBCURRENT_COS		0.02	0.01	0.03	0.00	0.01	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.08	0.00	0.01	-0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		447.38	-17.88	308.13	-6.73	-16.14	-26.59	0.85	-0.66	-0.09	0.23	-0.07	0.38	-0.57	0.01	-0.12	-0.07
FA1OBVOLTAGE_SIN		0.00	114.00	42.68	15.20	14.60	-176.82	-15.55	-0.30	-0.53	-0.44	0.32	0.13	-0.16	-0.23	0.02	0.16
MRBLD1CB42P75_COS		-4350.58	-1413.90	96.27	135.05	-154.90	119.31	-104.52	54.93	42.34	-0.84	115.45	4.61	1.35	-22.24	-33.99	14.53
MRBLD1CB42P75_SIN		0.00	-183.51	39.33	-58.29	203.65	-80.53	100.29	-194.49	-27.77	63.01	-137.68	20.73	6.41	4.04	-11.35	0.35

RUN	POINT	Harmonics															
61	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3033.82	-863.42	360.63	83.55	-242.62	52.59	-145.19	66.51	39.55	4.81	23.38	-1.03	7.69	-8.34	-20.80	15.40
MRBLD1CB70_SIN		0.00	-90.31	24.21	-12.18	394.56	-25.62	242.31	-150.04	-37.55	60.03	-116.55	7.31	4.46	1.83	-13.39	-13.72
MRBLD1CB120_COS		-402.48	-346.54	477.47	77.30	-170.90	8.88	-133.39	58.94	-50.33	-6.19	-30.12	6.17	7.42	14.24	4.09	0.49
MRBLD1CB120_SIN		0.00	79.43	-45.37	-88.81	472.35	-18.00	298.93	-82.98	-13.65	-48.60	56.67	-0.55	0.36	6.32	-7.85	-9.89
MRBLD1CB164_COS		-1970.23	-118.15	123.67	12.79	-106.36	-57.23	-37.39	8.67	-63.40	-2.69	8.30	7.95	8.12	7.07	3.23	-18.20
MRBLD1CB164_SIN		0.00	77.92	-51.14	-29.32	228.09	3.35	105.80	20.73	-13.74	-74.69	80.28	11.32	-7.08	-4.79	11.84	18.58
MRBLD1FB42P75_COS		2944.25	200.09	-368.85	234.98	243.51	74.57	-74.08	-160.47	-109.25	-85.12	137.85	47.98	46.14	11.43	-73.79	-16.50
MRBLD1FB42P75_SIN		0.00	63.94	-12.99	-69.01	440.19	-309.00	171.92	-359.25	17.59	-55.91	-217.74	11.78	5.12	6.43	12.87	-24.95
MRBLD1FB70_COS		420.04	-11.65	-177.33	63.43	32.51	20.60	-10.35	-11.12	-0.86	1.65	1.31	4.31	-2.99	-4.39	15.20	4.40
MRBLD1FB70_SIN		0.00	-186.23	4.86	-42.70	135.49	-90.61	39.21	-64.57	3.19	7.32	-1.44	2.92	3.26	1.35	-2.94	4.05
MRBLD1FB87_COS		-78.84	5.85	-164.65	17.86	-13.54	-25.22	-5.98	13.44	15.88	16.01	-26.82	-7.69	-5.08	0.04	12.44	-0.09
MRBLD1FB87_SIN		0.00	-185.05	19.43	8.22	75.07	-7.56	-8.63	29.40	-4.98	7.47	51.51	-5.60	-2.80	2.16	1.11	6.08
MRBLD1FB120_COS		-463.86	0.84	-260.16	12.84	-20.55	-67.44	14.76	22.28	-1.15	-3.94	2.15	-4.55	3.63	1.08	-21.50	-1.26
MRBLD1FB120_SIN		0.00	-237.16	22.27	83.46	31.94	66.03	-58.89	95.12	-6.28	-7.98	-13.55	1.35	0.30	-5.57	-4.10	-8.70
MRBLD1FB164_COS		-179.43	45.29	-151.24	-25.34	57.26	59.52	18.55	-33.57	-14.91	2.96	-8.52	5.16	-1.17	2.83	18.01	3.18
MRBLD1FB164_SIN		0.00	-351.78	158.41	163.02	-183.68	41.03	28.39	-136.85	-0.50	13.28	31.85	-8.90	-5.23	1.93	1.35	5.85

RUN	POINT	Harmonics															
61	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-186.03	13.43	4.24	-41.45	47.78	71.79	1.33	-45.99	-17.90	13.87	-61.01	-16.90	1.73	4.43	-39.19	-9.36
MRBLD1FB180_SIN		0.00	-259.78	137.15	106.33	-142.37	-41.71	57.24	-110.82	-22.87	-13.30	101.60	-4.98	-19.87	-17.16	1.08	-3.48
MRBLD1TOR51_COS		-1461.04	104.35	186.94	-39.61	-1.44	307.41	-32.09	1.75	4.22	7.52	-14.85	-5.47	3.53	7.02	-6.01	-3.86
MRBLD1TOR51_SIN		0.00	-124.43	171.97	54.45	-41.03	-71.23	-9.71	-53.06	-9.38	-5.65	-2.37	-2.19	-11.92	-1.82	-8.05	-11.26
MRBLD1TOR71_COS		-262.91	118.55	162.90	-44.52	2.80	278.81	-13.71	-0.10	5.85	6.94	-19.02	-5.65	2.75	7.23	-3.09	-3.33
MRBLD1TOR71_SIN		0.00	-118.56	153.90	44.96	-63.84	-54.84	-14.10	-28.82	-3.55	-4.13	5.86	-2.09	-12.15	-1.61	-6.24	-6.65
MRBLD1TOR130_COS		-13.38	108.00	190.64	-47.77	0.25	229.92	-2.23	-0.25	1.13	1.63	15.09	1.29	0.70	-2.70	-1.94	0.40
MRBLD1TOR130_SIN		0.00	-108.69	146.56	51.01	-72.27	-52.71	-0.58	-34.23	-0.54	-4.24	2.93	9.93	2.56	1.42	0.66	6.21
MRBLD1TOR164_COS		-223.89	70.93	179.24	-31.93	-13.35	138.10	-3.73	-3.22	3.87	5.05	-3.33	1.99	0.88	0.15	-2.15	1.40
MRBLD1TOR164_SIN		0.00	-53.85	95.68	15.37	-17.87	-58.80	13.24	-9.17	-3.44	-0.95	6.83	5.22	7.30	0.83	-3.61	5.76
MRFBM1CB26P5_COS		-4668.15	-610.94	-4.95	48.89	31.71	36.91	6.24	-4.76	-2.46	-0.73	25.07	0.37	-0.12	0.15	-2.49	-1.60
MRFBM1CB26P5_SIN		0.00	-172.26	35.85	-32.32	-58.10	-13.07	-35.41	-15.14	2.81	-6.06	-0.25	2.37	1.29	0.85	-3.04	0.27
MRFBM1FB9_COS		290.37	-3.16	123.72	-48.65	3.74	-14.84	20.43	-10.11	1.58	0.69	-9.22	0.13	-0.25	0.59	0.64	-1.00
MRFBM1FB9_SIN		0.00	56.30	20.72	-16.71	-64.26	21.75	1.94	19.86	3.43	1.09	0.84	-1.63	-1.71	-0.06	1.76	-0.07
MRFBM1TOR26P5_COS		-336.87	82.44	0.54	-0.33	-1.31	3.55	-1.20	0.17	0.20	0.09	-0.51	0.02	0.00	0.05	0.08	0.00
MRFBM1TOR26P5_SIN		0.00	-106.76	1.76	0.18	-1.38	-0.44	-0.68	-0.01	-0.04	0.18	-0.05	-0.16	-0.06	-0.01	0.06	-0.13

RUN	POINT	Harmonics															
61	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-439.58	-1271.97	24.80	135.92	-37.26	116.76	-76.34	20.24	11.29	-2.16	109.58	5.73	4.15	-11.58	-28.93	10.58
MRPC1CB33P25_SIN		0.00	-119.71	46.21	-81.71	100.43	-100.64	47.69	-163.57	-15.90	14.71	-92.68	19.26	9.47	7.33	-15.31	-2.84
MRPC1FB33P25_COS		2142.16	132.95	-325.27	210.06	84.55	127.91	-115.76	21.06	-84.08	-31.91	224.21	27.28	27.81	1.65	-57.52	12.79
MRPC1FB33P25_SIN		0.00	217.94	-83.39	-10.46	434.66	-225.39	117.23	-348.57	-40.35	-81.56	-79.59	37.18	37.30	15.02	-55.66	-26.69
MRPC1TOR25P5_COS		-785.65	-75.21	-251.22	60.61	-12.25	-340.21	30.05	-5.54	-4.38	-7.90	34.35	7.68	-3.55	-10.54	-2.45	5.69
MRPC1TOR25P5_SIN		0.00	154.89	-235.41	-48.26	74.74	63.38	21.34	33.89	3.22	4.98	-6.05	7.31	14.58	3.98	-1.39	11.84
MRPLK1LOAD_COS		-78.12	-3.97	-28.66	7.65	-0.94	-45.27	5.44	-0.15	-0.57	-0.99	5.26	0.62	-0.42	-1.43	-0.21	0.67
MRPLK1LOAD_SIN		0.00	-4.46	-25.80	-6.88	8.31	10.20	2.31	6.30	0.78	0.25	0.10	1.35	1.82	0.46	-0.54	2.18
PITCHRH_COS		8940.95	-8293.89	-420.55	-28.49	-69.24	2135.00	142.39	-76.49	193.14	103.08	155.38	-180.06	3.90	68.83	-57.96	-210.33
PITCHRH_SIN		0.00	1939.24	-547.01	-3.23	-117.16	1475.62	161.54	178.34	56.23	-6.91	-303.92	38.80	-37.42	30.30	-6.14	48.84
ROLLRH_COS		70.33	-1751.18	608.28	42.66	-591.44	-2460.35	217.88	-113.22	140.89	101.44	85.97	-100.23	100.49	-165.49	47.32	23.05
ROLLRH_SIN		0.00	-8046.89	-528.93	-22.22	-22.71	2590.06	-39.75	-84.39	91.45	39.10	-163.30	-88.71	-49.90	-33.21	88.28	-641.75
TORQ_COS		37248.06	253.12	-10.55	66.24	1.06	-152.79	-10.97	18.42	-18.94	-12.96	-63.02	4.47	5.76	-4.43	-3.14	19.87
TORQ_SIN		0.00	666.41	-28.84	30.09	-17.98	-26.76	12.12	29.43	-19.84	-8.55	2.41	6.68	-6.32	7.17	-10.46	-47.10
THRUST_COS		5853.17	-52.34	22.84	19.36	3.12	-124.28	-3.25	30.09	-0.28	-13.52	-61.05	1.72	-1.44	2.81	0.12	-1.55
THRUST_SIN		0.00	-107.62	17.33	-12.87	24.28	91.43	-0.69	8.70	-1.57	1.26	75.84	0.75	-0.55	4.17	-5.38	22.48

RUN	POINT	Harmonics															
61	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-177.59	57.69	-19.17	4.29	60.22	42.29	-2.73	0.21	-4.03	-4.20	-1.97	3.79	-2.02	4.88	-1.36	-0.06
SIDERH_SIN		0.00	198.46	11.26	6.28	-44.63	-348.66	9.14	2.67	-2.04	-0.91	2.77	5.50	0.89	0.66	-3.04	17.71
DRAGRH_COS		-163.29	218.98	10.01	-8.29	3.37	124.41	-25.22	3.38	-5.89	-10.11	-7.59	9.17	0.01	-0.64	2.93	9.85
DRAGRH_SIN		0.00	-64.43	20.39	4.32	18.58	364.89	-27.75	-0.20	-2.33	0.53	-2.84	-7.70	0.68	1.05	-0.48	-3.95

RUN	POINT	Harmonics															
57	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.57	-1.19	-4.54	-2.82	-1.66	-0.06	0.14	1.12	0.39	-0.04	-0.13	0.15	-0.02	0.15	-0.15	0.01
ACT1FORCE_SIN		0.00	16.30	0.57	-0.47	-0.02	0.07	-1.09	0.13	0.31	0.01	-0.03	0.17	0.08	0.00	0.11	-0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.85	-3.49	34.19	24.68	20.05	3.39	0.69	0.01	0.01	-0.01	0.02	0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-127.68	-5.13	10.23	2.90	-2.28	12.95	-0.04	-0.03	-0.01	0.00	0.00	0.00	0.01	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		475.91	3.66	-34.22	-24.77	-20.13	-3.42	-0.77	0.00	0.00	0.01	-0.01	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	127.92	5.27	-10.17	-2.85	2.29	-12.99	0.01	0.02	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-2918.08	-1494.57	366.40	117.51	-86.31	-161.05	-87.64	-236.22	36.81	89.88	3.57	-35.39	9.18	36.14	111.76	4.33
MRBLD1CB42P75_SIN		0.00	1115.90	24.57	187.58	143.28	-85.18	80.59	-89.93	-56.22	9.14	-33.81	113.59	36.22	3.69	5.56	22.62

RUN	POINT	Harmonics															
57	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3407.72	-1067.84	426.00	-17.69	30.14	-176.36	-79.87	-182.58	37.57	87.78	-4.45	-15.83	15.35	21.70	79.67	8.84
MRBLD1CB70_SIN		0.00	820.64	-36.15	260.56	296.05	-120.85	94.79	-36.86	-46.03	5.55	-36.67	78.29	18.69	-7.44	-8.02	12.74
MRBLD1CB120_COS		-425.45	-551.23	427.85	11.82	33.65	-77.79	-37.74	-117.88	-48.32	-74.55	22.60	33.75	12.21	-3.71	-11.96	-6.45
MRBLD1CB120_SIN		0.00	587.66	-138.89	164.80	323.57	-109.92	39.06	-23.81	-15.13	-17.72	35.78	-40.02	-12.46	-9.82	1.57	5.20
MRBLD1CB164_COS		-1977.71	-185.06	132.66	17.98	-33.35	-24.34	29.60	28.70	-76.90	-99.79	29.74	34.32	3.44	-5.77	-41.49	-1.51
MRBLD1CB164_SIN		0.00	214.48	-47.68	60.80	128.84	-26.15	3.15	4.50	1.58	-15.87	47.92	-45.21	-10.57	5.78	4.70	-2.78
MRBLD1FB42P75_COS		2791.04	272.22	-198.24	707.21	-396.17	-90.98	-191.54	-685.68	-189.04	-149.91	34.80	28.22	29.15	48.23	136.24	42.72
MRBLD1FB42P75_SIN		0.00	-191.14	169.10	272.62	206.83	158.43	134.88	8.25	-3.36	13.78	-58.85	42.14	-18.57	-70.91	-157.76	33.37
MRBLD1FB70_COS		484.51	47.75	-76.16	197.70	-118.26	-28.85	-26.13	-99.56	-4.14	10.36	8.02	5.28	0.78	-5.03	-26.59	-7.76
MRBLD1FB70_SIN		0.00	-240.69	87.42	83.24	47.20	22.28	21.41	5.89	0.57	3.02	6.29	5.94	5.43	11.23	30.20	-8.06
MRBLD1FB87_COS		-21.92	77.65	-86.14	88.62	-67.36	-16.46	-1.69	61.46	25.03	23.20	-5.10	-7.37	-7.81	-12.02	-29.08	-8.78
MRBLD1FB87_SIN		0.00	-275.38	77.39	71.25	18.69	5.49	-16.26	-8.49	-5.03	-10.95	4.69	-20.24	0.71	15.48	36.87	-2.93
MRBLD1FB120_COS		-402.54	77.18	-172.16	64.01	5.07	-3.85	28.78	146.85	8.91	-9.81	-10.05	-5.85	3.36	12.72	42.32	11.64
MRBLD1FB120_SIN		0.00	-378.02	124.59	145.11	37.21	11.53	-30.71	-2.92	3.25	0.87	-0.39	8.51	-6.12	-21.01	-50.88	5.98
MRBLD1FB164_COS		-99.91	115.88	-200.18	117.98	269.06	100.50	-17.31	-216.24	-18.31	11.90	5.40	5.62	-6.23	-14.57	-23.66	-2.89
MRBLD1FB164_SIN		0.00	-453.88	155.44	247.76	61.22	-65.88	17.87	6.42	5.36	-2.94	0.38	-22.97	-7.23	14.38	32.33	-8.61

RUN	POINT	Harmonics															
57	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.41	0.01	-86.49	39.62	174.58	84.46	-33.28	-225.83	4.42	58.95	-13.71	-32.84	-11.12	17.82	56.16	16.62
MRBLD1FB180_SIN		0.00	-313.89	106.12	130.91	24.69	-47.97	15.60	3.84	1.89	-30.53	-22.47	-59.78	-14.17	-23.72	-70.39	5.04
MRBLD1TOR51_COS		-1480.21	125.05	25.26	63.31	-24.69	-38.99	-23.41	-134.29	-8.11	11.93	2.31	1.27	-0.51	8.19	28.86	6.25
MRBLD1TOR51_SIN		0.00	-91.19	76.20	59.42	4.88	-2.63	10.26	15.04	5.27	-10.52	-11.89	-15.53	-7.07	-3.33	-2.38	2.98
MRBLD1TOR71_COS		-282.72	143.94	1.96	38.76	-4.77	-23.69	-8.49	-94.85	-3.12	10.02	0.25	1.44	-1.15	4.49	17.17	4.60
MRBLD1TOR71_SIN		0.00	-100.63	62.84	25.67	-9.45	-2.46	7.29	28.46	12.24	-5.74	-5.69	-14.27	-5.74	-1.53	0.23	1.89
MRBLD1TOR130_COS		-23.44	123.52	20.29	15.80	18.10	-14.73	-1.73	-80.92	-6.76	-4.90	5.37	-3.82	-0.37	-1.06	-7.25	-2.40
MRBLD1TOR130_SIN		0.00	-78.51	33.94	15.00	-7.27	-5.05	9.76	16.02	5.75	-5.85	2.16	8.84	3.49	1.10	1.76	-1.06
MRBLD1TOR164_COS		-237.97	60.65	47.62	-9.20	-20.97	-26.09	-6.72	-25.99	5.19	1.48	-2.29	-1.63	4.18	2.29	0.55	-3.67
MRBLD1TOR164_SIN		0.00	-17.62	-3.65	-33.20	-17.58	-0.65	1.38	13.61	5.94	-5.77	-2.23	1.29	0.54	-1.35	1.39	1.97
MRFBM1CB26P5_COS		-3154.99	-758.34	128.00	50.22	-29.35	-4.58	-3.94	-16.85	-2.41	-7.04	3.11	-1.83	-1.18	4.50	9.98	-1.80
MRFBM1CB26P5_SIN		0.00	401.25	59.00	-28.53	-23.10	-13.64	-2.62	-17.21	-6.34	-2.50	0.15	0.36	0.00	0.57	3.12	3.88
MRFBM1FB9_COS		438.15	-107.05	-13.94	-125.30	55.22	22.63	15.70	27.38	3.52	0.52	-2.39	2.25	-0.71	-2.33	-5.42	0.96
MRFBM1FB9_SIN		0.00	-154.56	-63.67	-153.38	-14.22	-5.83	2.87	26.16	7.01	2.15	0.30	-2.05	-1.18	-1.65	-4.29	-1.22
MRFBM1TOR26P5_COS		-246.19	67.88	0.14	0.09	0.55	-0.24	-0.05	-0.54	-0.01	0.63	0.03	0.09	-0.10	0.03	0.03	0.10
MRFBM1TOR26P5_SIN		0.00	-179.78	1.16	-0.30	-0.17	-0.04	-0.07	0.22	0.17	0.11	-0.07	-0.34	-0.06	-0.02	-0.08	0.01

RUN	POINT	Harmonics															
57	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-561.62	-1214.49	279.94	155.60	-115.39	-105.29	-71.73	-200.98	0.59	23.12	7.10	-14.36	12.90	33.62	95.34	2.09
MRPC1CB33P25_SIN		0.00	1028.21	18.04	83.16	66.43	-32.43	47.05	-80.13	-54.48	-16.94	-19.70	69.96	19.82	-3.35	0.99	25.62
MRPC1FB33P25_COS		1975.87	214.33	-242.73	559.63	-363.63	-120.07	-207.43	-542.09	-143.57	-121.00	61.62	-10.22	27.41	82.55	219.02	-6.42
MRPC1FB33P25_SIN		0.00	33.19	86.13	343.10	92.25	93.90	46.05	-280.42	-100.69	-69.89	-25.28	53.21	8.46	-9.18	22.07	59.37
MRPC1TOR25P5_COS		-653.45	-87.15	-103.32	-19.29	9.50	39.85	16.72	116.43	4.02	-20.56	2.63	-6.59	-0.40	-4.05	-13.87	-9.70
MRPC1TOR25P5_SIN		0.00	-0.68	-107.87	-64.60	5.06	-3.24	1.81	-30.59	-14.74	5.37	14.28	32.59	10.85	0.00	8.60	3.15
MRPLK1LOAD_COS		-49.46	-12.09	-7.36	-5.94	0.98	6.20	2.24	17.34	1.44	-3.59	0.03	-1.04	0.46	-0.91	-3.01	-1.69
MRPLK1LOAD_SIN		0.00	-10.58	-12.25	-7.72	-0.25	0.53	-0.92	-3.85	-1.31	0.09	2.01	4.81	1.40	0.45	1.87	-0.11
PITCHRH_COS		8595.04	-9027.93	399.55	-87.42	-1.71	-1457.35	38.47	-1.00	101.50	20.75	-370.87	-10.69	-15.21	74.43	6.59	498.16
PITCHRH_SIN		0.00	2157.69	-413.84	-40.05	-88.60	1329.57	86.42	91.22	36.47	-82.82	-141.30	-60.35	60.56	-45.99	-2.62	-127.51
ROLLRH_COS		4922.87	-1930.86	281.15	-51.60	-65.19	-1127.72	-55.18	46.51	112.10	54.71	354.32	10.73	-71.24	-79.23	5.00	325.19
ROLLRH_SIN		0.00	-9047.13	421.81	13.21	-67.29	-326.65	-182.40	-41.46	31.45	-10.97	-129.37	-19.47	13.99	-53.54	57.52	1206.15
TORQ_COS		62818.75	305.09	36.21	65.25	-42.62	186.62	1.33	-6.54	-11.03	-3.29	4.96	-1.99	8.25	-3.78	-0.21	-2.10
TORQ_SIN		0.00	642.02	-39.92	-51.81	-76.33	130.98	6.36	26.97	-9.81	-6.01	-15.74	8.37	-7.57	5.34	-2.51	-4.33
THRUST_COS		5788.75	-62.40	12.65	11.83	13.32	66.08	5.63	5.30	-1.26	-3.17	-23.76	-0.28	5.05	0.45	-5.66	-14.94
THRUST_SIN		0.00	-41.90	7.22	-16.83	25.11	-63.96	11.36	13.07	1.31	0.85	13.68	6.08	-2.71	-0.33	4.10	-37.29

RUN	POINT	Harmonics															
57	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.57	59.73	-8.45	-4.49	15.26	56.90	10.47	-2.91	-4.37	-2.25	-19.50	-0.31	2.35	2.40	-0.26	-11.12
SIDERH_SIN		0.00	237.23	-1.14	8.97	-0.31	-55.77	11.99	0.65	-0.49	0.38	3.92	0.46	-0.64	1.75	-2.00	-34.68
DRAGRH_COS		-105.61	242.47	2.09	-5.29	1.16	-35.45	-13.42	-2.37	-3.19	-2.85	27.69	0.03	-0.59	-2.62	-0.67	-18.52
DRAGRH_SIN		0.00	-60.14	23.24	-0.13	-1.18	-28.09	-23.06	2.27	2.47	5.82	11.75	1.65	-2.87	3.51	1.75	11.11

RUN	POINT	Harmonics															
57	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.77	-1.19	-4.29	-3.09	-1.59	-0.04	0.11	1.23	0.46	-0.05	-0.17	0.13	-0.04	0.11	-0.16	-0.01
ACT1FORCE_SIN		0.00	16.22	0.56	-0.71	0.21	0.01	-1.04	0.00	0.37	0.04	0.02	0.22	0.07	0.01	0.14	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.78	-4.89	33.49	29.18	18.86	0.68	2.58	0.02	-0.02	-0.01	0.02	0.01	0.01	0.00	-0.03	0.01
FA1IBVOLTAGE_SIN		0.00	-126.18	-3.40	12.76	-1.20	-2.32	13.52	-0.04	-0.04	-0.03	0.00	-0.02	0.00	0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		475.99	5.01	-33.52	-29.26	-18.93	-0.70	-2.64	-0.01	0.03	0.01	-0.01	-0.02	-0.01	0.00	0.03	-0.01
FA1OBVOLTAGE_SIN		0.00	126.43	3.50	-12.73	1.23	2.33	-13.56	0.01	0.03	0.02	-0.01	0.02	0.00	-0.02	0.00	0.00
MRBLD1CB42P75_COS		-2901.44	-1441.98	352.17	113.36	-78.77	-149.36	-88.80	-277.22	36.88	87.42	19.46	-36.40	10.81	35.99	117.42	6.07
MRBLD1CB42P75_SIN		0.00	1140.25	13.85	202.35	144.45	-86.96	85.92	-97.75	-69.22	0.05	-43.14	123.20	36.64	-2.91	-3.53	19.96

RUN	POINT	Harmonics															
57	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3405.13	-1026.60	415.82	-25.98	52.50	-128.44	-78.76	-206.16	35.56	84.65	6.32	-15.16	18.17	18.84	83.66	8.35
MRBLD1CB70_SIN		0.00	843.00	-51.33	274.41	309.81	-130.76	99.91	-40.27	-59.04	-1.60	-46.55	85.57	19.84	-14.54	-14.81	9.65
MRBLD1CB120_COS		-437.27	-535.02	414.77	1.33	49.72	-20.86	-39.50	-128.71	-56.74	-75.22	15.01	35.67	11.56	-3.85	-13.35	-6.46
MRBLD1CB120_SIN		0.00	603.77	-150.19	185.45	346.88	-120.02	45.93	-18.65	-14.90	-12.32	43.57	-44.58	-13.14	-8.70	3.64	6.29
MRBLD1CB164_COS		-1981.13	-179.43	133.15	16.22	-25.54	4.99	31.25	36.66	-83.59	-98.17	22.31	35.33	1.67	-4.30	-43.76	-1.10
MRBLD1CB164_SIN		0.00	218.08	-51.10	70.28	138.54	-30.78	4.19	8.98	6.35	-9.50	55.59	-52.11	-12.66	9.09	7.08	-1.98
MRBLD1FB42P75_COS		2796.53	258.35	-211.14	716.29	-413.41	-106.13	-196.43	-772.40	-199.83	-147.46	46.82	31.55	28.09	45.99	131.72	42.39
MRBLD1FB42P75_SIN		0.00	-191.84	173.88	327.03	223.81	160.17	138.94	29.58	-9.20	4.02	-64.00	38.75	-24.46	-80.16	-172.01	28.40
MRBLD1FB70_COS		487.81	45.94	-81.37	199.03	-122.61	-31.31	-27.35	-114.41	-5.78	10.25	8.41	5.39	1.15	-4.39	-25.72	-7.62
MRBLD1FB70_SIN		0.00	-238.51	91.57	103.21	54.39	23.25	25.52	12.23	2.00	3.56	6.75	6.74	6.42	13.01	33.08	-6.54
MRBLD1FB87_COS		-18.88	77.57	-85.22	90.12	-67.24	-16.67	-1.38	69.73	26.67	22.71	-8.10	-8.62	-8.20	-11.56	-28.46	-9.21
MRBLD1FB87_SIN		0.00	-275.68	79.45	80.97	21.02	4.78	-16.67	-10.75	-4.09	-9.52	5.97	-20.50	1.60	16.92	39.46	-2.55
MRBLD1FB120_COS		-398.09	77.94	-168.14	64.60	8.79	-2.21	30.95	168.04	11.19	-9.16	-9.39	-4.77	4.23	12.52	41.56	12.32
MRBLD1FB120_SIN		0.00	-380.52	126.80	150.29	35.40	7.57	-33.95	-11.68	2.38	1.31	-0.79	8.00	-7.62	-23.08	-54.64	5.21
MRBLD1FB164_COS		-97.01	111.90	-208.47	113.31	269.18	95.02	-20.36	-248.67	-20.10	10.63	3.89	4.18	-7.37	-14.35	-23.04	-3.03
MRBLD1FB164_SIN		0.00	-453.00	161.32	255.08	60.89	-61.40	22.78	16.76	5.31	-5.44	-0.84	-24.72	-7.23	15.41	33.97	-9.87

RUN	POINT	Harmonics															
57	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-119.29	-2.48	-92.97	37.38	172.90	80.91	-38.29	-255.39	2.45	57.52	-22.97	-37.18	-10.01	18.50	54.56	16.74
MRBLD1FB180_SIN		0.00	-311.82	109.17	133.48	24.71	-43.92	18.56	12.90	-0.39	-34.51	-24.52	-65.17	-16.11	-27.69	-75.91	4.73
MRBLD1TOR51_COS		-1478.94	126.17	21.32	62.41	-24.41	-37.97	-23.11	-148.79	-8.83	11.20	1.44	1.43	0.56	9.51	30.40	6.32
MRBLD1TOR51_SIN		0.00	-90.92	75.61	65.14	6.04	0.72	9.96	19.90	4.80	-11.97	-13.92	-16.71	-7.09	-3.93	-3.33	3.03
MRBLD1TOR71_COS		-281.22	144.31	-0.55	38.56	-4.27	-23.31	-8.12	-104.12	-3.85	8.96	-1.45	1.07	-0.71	5.27	18.12	4.51
MRBLD1TOR71_SIN		0.00	-100.63	62.66	28.96	-9.15	1.05	6.68	33.88	12.38	-6.72	-7.25	-15.34	-5.86	-1.65	-0.31	2.13
MRBLD1TOR130_COS		-22.09	123.98	17.80	15.88	19.01	-14.82	-1.25	-89.61	-8.10	-5.70	5.54	-4.71	-0.97	-1.41	-7.65	-2.65
MRBLD1TOR130_SIN		0.00	-78.32	33.70	15.37	-7.54	-1.68	9.63	20.17	5.38	-6.70	2.42	9.29	3.24	0.91	1.52	-1.24
MRBLD1TOR164_COS		-237.41	61.15	47.32	-8.52	-20.03	-25.74	-6.50	-27.49	4.62	0.89	-3.19	-1.63	4.16	2.45	0.68	-2.98
MRBLD1TOR164_SIN		0.00	-16.93	-4.39	-34.95	-17.18	0.72	1.35	15.73	5.15	-6.41	-2.55	1.00	-0.04	-1.60	1.15	1.89
MRFBM1CB26P5_COS		-3156.25	-733.02	119.64	51.18	-32.03	-14.08	-4.30	-22.57	-1.12	-6.70	3.97	-2.07	-1.50	5.51	10.12	-1.31
MRFBM1CB26P5_SIN		0.00	415.54	55.83	-28.50	-28.79	-11.59	-3.27	-19.03	-6.92	-2.74	1.12	0.09	-0.53	0.86	2.61	4.06
MRFBM1FB9_COS		436.28	-126.01	-0.88	-122.30	57.87	22.48	16.34	31.48	3.65	0.24	-2.91	2.25	-0.85	-2.56	-5.89	0.81
MRFBM1FB9_SIN		0.00	-153.85	-63.69	-166.47	-15.52	-4.41	2.71	28.89	7.68	2.41	0.11	-2.17	-1.10	-1.42	-4.15	-1.11
MRFBM1TOR26P5_COS		-246.21	67.64	0.15	0.08	0.58	-0.20	-0.03	-0.62	-0.02	0.65	0.01	0.12	-0.09	0.02	0.03	0.10
MRFBM1TOR26P5_SIN		0.00	-180.06	1.16	-0.27	-0.16	-0.06	-0.06	0.22	0.20	0.11	-0.10	-0.36	-0.03	-0.03	-0.09	0.01

RUN	POINT	Harmonics															
57	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-536.24	-1171.55	266.86	156.45	-118.63	-110.17	-72.57	-236.51	0.73	22.70	16.86	-13.78	13.74	34.73	99.76	3.85
MRPC1CB33P25_SIN		0.00	1043.96	11.75	95.00	60.69	-30.66	50.91	-84.80	-63.82	-22.75	-24.61	75.04	19.06	-8.45	-6.37	23.74
MRPC1FB33P25_COS		1979.97	202.00	-254.39	558.02	-381.36	-130.87	-212.32	-618.66	-149.28	-114.13	74.01	-6.20	30.78	88.35	228.53	-2.33
MRPC1FB33P25_SIN		0.00	30.95	87.31	389.40	102.11	91.44	47.50	-298.25	-110.64	-76.04	-21.90	54.43	3.74	-18.01	9.63	56.22
MRPC1TOR25P5_COS		-653.93	-88.60	-98.70	-18.76	9.09	39.74	16.04	129.01	4.57	-19.97	5.26	-6.53	-1.57	-5.04	-14.15	-9.22
MRPC1TOR25P5_SIN		0.00	-1.53	-108.12	-68.57	3.55	-7.07	2.29	-37.21	-15.53	5.84	16.39	34.95	10.25	-0.20	7.88	2.83
MRPLK1LOAD_COS		-49.42	-12.32	-6.78	-5.93	0.99	6.11	2.16	19.39	1.57	-3.58	0.37	-1.15	0.26	-1.01	-3.00	-1.63
MRPLK1LOAD_SIN		0.00	-10.31	-12.38	-8.42	-0.52	0.02	-0.93	-4.71	-1.49	0.21	2.36	5.15	1.26	0.49	1.82	-0.16
PITCHRH_COS		8929.00	-9033.87	366.42	-107.75	-44.69	-1488.80	-68.88	39.52	156.46	5.42	-336.47	-13.99	-14.46	125.78	9.33	431.11
PITCHRH_SIN		0.00	2139.21	-418.70	6.55	-80.96	1256.66	65.84	109.73	-12.76	-81.55	-97.36	-60.60	55.70	-45.04	-24.93	-167.04
ROLLRH_COS		4974.77	-1945.15	286.49	-6.73	-65.84	-1045.48	52.80	26.00	152.19	51.12	355.99	4.95	-109.47	-37.07	-9.17	314.38
ROLLRH_SIN		0.00	-9043.85	391.07	30.30	-51.01	-346.90	-260.30	-27.66	59.32	-39.37	-105.61	-22.83	19.27	-109.67	36.14	1092.69
TORQ_COS		62927.04	303.09	38.93	68.64	-77.80	194.21	0.53	21.38	-15.80	-1.66	2.98	-1.24	8.06	-6.46	1.44	-0.95
TORQ_SIN		0.00	651.18	-36.16	-59.78	-58.17	121.45	11.80	29.28	-10.84	-7.57	-18.00	10.43	-6.30	3.38	-2.79	-3.97
THRUST_COS		5778.09	-60.41	10.97	7.72	18.56	64.76	2.67	15.84	-1.30	-1.96	-27.51	0.84	5.27	-1.35	-4.39	-15.32
THRUST_SIN		0.00	-44.53	8.01	-18.83	24.78	-62.74	13.83	6.79	5.56	1.96	9.98	6.08	-0.56	1.36	2.27	-33.81

RUN	POINT	Harmonics															
57	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.26	59.60	-9.15	-3.84	8.39	48.40	1.39	-1.34	-5.62	-2.22	-19.62	-0.32	3.73	1.11	0.24	-10.67
SIDERH_SIN		0.00	237.45	0.04	8.63	-2.41	-55.80	15.80	-0.33	-0.24	1.77	2.94	0.59	-0.81	3.45	-1.26	-31.22
DRAGRH_COS		-102.56	244.54	2.62	-5.57	1.63	-20.69	-4.56	-4.43	-1.94	-2.99	25.24	0.78	-1.79	-5.08	-0.94	-15.77
DRAGRH_SIN		0.00	-60.14	22.26	1.27	3.56	-30.14	1.57	0.97	3.42	5.83	8.14	1.52	-4.05	3.82	2.03	11.78

RUN	POINT	Harmonics															
57	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.40	-0.99	-4.45	-3.07	-1.56	0.01	0.08	1.22	0.48	-0.02	-0.11	0.16	-0.02	0.12	-0.16	-0.01
ACT1FORCE_SIN		0.00	16.02	0.58	-0.70	0.12	-0.02	-1.03	-0.04	0.28	0.09	0.00	0.20	0.07	0.04	0.17	-0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.19	-6.24	34.51	29.79	18.08	0.25	3.16	0.00	-0.01	-0.02	0.02	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-124.65	-2.85	11.93	-0.88	-1.31	13.78	-0.04	-0.05	-0.01	-0.02	-0.02	0.00	0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.58	6.41	-34.54	-29.89	-18.15	-0.27	-3.26	0.00	0.02	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	124.89	2.97	-11.86	0.94	1.32	-13.80	0.01	0.03	0.00	0.01	0.01	0.01	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-2876.38	-1436.93	368.52	119.70	-84.70	-145.07	-89.85	-268.93	33.69	77.21	-2.78	-32.76	11.05	34.45	109.97	5.47
MRBLD1CB42P75_SIN		0.00	1097.15	8.87	208.64	163.07	-76.94	77.16	-76.66	-59.97	3.79	-39.80	95.75	26.83	-6.08	-8.01	21.50

RUN	POINT	Harmonics															
57	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3425.22	-1024.00	421.99	-22.08	52.76	-131.35	-76.14	-200.92	31.75	74.84	-8.26	-15.63	15.67	16.03	75.46	8.23
MRBLD1CB70_SIN		0.00	808.15	-49.82	283.99	329.57	-104.17	87.35	-29.53	-50.92	0.56	-34.18	64.58	13.31	-15.56	-19.76	12.54
MRBLD1CB120_COS		-426.18	-534.03	410.80	6.49	67.33	-31.60	-32.30	-118.35	-57.22	-68.06	23.66	31.06	8.59	-5.15	-11.88	-6.44
MRBLD1CB120_SIN		0.00	574.17	-141.42	200.45	360.22	-87.79	39.87	-18.77	-14.15	-16.13	37.16	-34.24	-10.13	-7.45	2.92	5.54
MRBLD1CB164_COS		-1976.58	-179.49	129.04	20.03	-15.42	-2.78	34.75	37.77	-79.08	-88.00	31.34	31.62	1.38	-2.98	-40.49	-1.90
MRBLD1CB164_SIN		0.00	206.83	-47.26	76.61	141.99	-17.55	2.98	3.20	4.44	-14.52	41.41	-38.40	-9.18	9.21	11.21	-3.47
MRBLD1FB42P75_COS		2778.42	260.43	-197.89	751.68	-364.53	-98.00	-194.23	-715.07	-195.37	-145.72	14.20	20.69	18.71	39.89	119.37	42.18
MRBLD1FB42P75_SIN		0.00	-183.73	165.80	345.04	220.02	151.08	141.62	54.42	-0.32	2.84	-72.28	24.07	-28.77	-80.69	-170.44	28.32
MRBLD1FB70_COS		484.64	46.21	-76.27	211.37	-109.30	-28.88	-27.63	-105.26	-5.02	10.04	8.22	5.79	1.97	-3.40	-23.33	-7.47
MRBLD1FB70_SIN		0.00	-238.78	87.37	109.18	54.59	21.63	25.41	15.76	2.43	3.83	7.40	7.11	6.86	13.29	33.05	-6.42
MRBLD1FB87_COS		-19.87	77.18	-84.15	96.70	-62.48	-16.05	-1.74	64.10	25.49	22.26	-1.18	-5.79	-5.79	-10.10	-25.93	-9.34
MRBLD1FB87_SIN		0.00	-273.18	75.89	83.24	19.90	3.98	-16.25	-13.09	-5.63	-9.18	7.50	-15.96	2.86	17.14	38.66	-2.95
MRBLD1FB120_COS		-397.00	77.28	-165.99	70.57	4.38	-2.96	30.52	155.49	11.57	-8.58	-10.31	-5.86	1.94	10.75	37.94	12.65
MRBLD1FB120_SIN		0.00	-372.03	120.33	151.84	32.93	7.65	-33.98	-16.61	1.97	1.47	-1.69	5.53	-8.26	-23.18	-54.00	5.90
MRBLD1FB164_COS		-101.27	111.25	-199.75	117.42	255.72	94.32	-17.39	-228.83	-20.85	9.95	5.98	4.93	-5.35	-13.13	-21.33	-4.32
MRBLD1FB164_SIN		0.00	-442.43	151.60	261.55	60.16	-55.04	22.28	22.63	5.50	-6.93	0.32	-20.62	-5.86	15.18	32.78	-9.34

RUN	POINT	Harmonics															
57	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-121.95	-1.38	-87.29	39.65	167.31	80.07	-34.32	-235.73	0.17	53.28	-9.56	-31.92	-10.24	15.08	50.16	18.42
MRBLD1FB180_SIN		0.00	-307.33	103.68	137.32	23.76	-40.53	18.41	16.92	-2.44	-32.83	-18.46	-54.60	-14.33	-26.60	-73.22	5.67
MRBLD1TOR51_COS		-1479.70	125.15	24.43	65.59	-22.93	-37.76	-22.47	-137.49	-9.16	10.18	2.59	0.97	0.19	8.75	28.53	6.31
MRBLD1TOR51_SIN		0.00	-92.18	73.76	69.08	7.46	0.23	10.65	21.00	2.86	-11.60	-10.94	-14.82	-6.87	-4.51	-4.20	3.60
MRBLD1TOR71_COS		-282.69	143.13	1.57	40.15	-4.43	-23.58	-7.63	-95.37	-3.97	8.50	0.79	0.70	-0.88	4.61	16.95	4.37
MRBLD1TOR71_SIN		0.00	-101.07	61.19	31.56	-8.85	-0.04	7.41	32.54	10.05	-6.39	-4.38	-12.64	-4.99	-2.06	-0.71	2.59
MRBLD1TOR130_COS		-23.91	122.75	19.29	15.51	17.09	-15.48	-1.20	-82.68	-8.20	-5.42	5.01	-3.73	-0.67	-1.56	-7.34	-2.60
MRBLD1TOR130_SIN		0.00	-78.80	33.00	16.77	-7.52	-2.06	10.06	20.13	4.66	-6.21	0.97	8.35	3.19	1.04	1.82	-1.16
MRBLD1TOR164_COS		-237.57	60.95	46.99	-9.33	-18.95	-24.84	-6.30	-24.97	4.53	0.51	-2.21	-1.57	3.66	2.02	0.77	-3.25
MRBLD1TOR164_SIN		0.00	-19.17	-3.44	-35.33	-16.65	-0.39	1.18	14.50	5.00	-5.56	-2.35	1.07	0.13	-1.57	0.78	1.51
MRFBM1CB26P5_COS		-3146.81	-723.37	128.62	50.90	-39.08	-11.53	-5.19	-21.90	-1.09	-6.22	2.92	-1.31	-0.92	5.79	10.62	-1.38
MRFBM1CB26P5_SIN		0.00	397.61	53.12	-29.36	-28.37	-13.86	-2.00	-16.30	-6.39	-2.60	-2.91	-0.19	-1.04	0.22	2.45	3.50
MRFBM1FB9_COS		419.27	-116.66	-11.50	-128.47	52.20	21.50	16.70	30.16	3.90	0.53	-2.21	1.82	-0.96	-2.61	-5.79	0.87
MRFBM1FB9_SIN		0.00	-141.38	-59.89	-174.02	-18.44	-4.81	2.46	25.79	7.27	2.53	0.96	-1.40	-0.71	-1.29	-3.73	-1.25
MRFBM1TOR26P5_COS		-246.16	67.72	0.18	0.11	0.54	-0.20	-0.07	-0.55	-0.02	0.59	0.02	0.09	-0.09	0.03	0.01	0.10
MRFBM1TOR26P5_SIN		0.00	-179.88	1.13	-0.24	-0.14	-0.05	-0.05	0.24	0.17	0.10	-0.01	-0.32	-0.05	-0.01	-0.08	0.01

RUN	POINT	Harmonics															
57	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-513.97	-1171.60	282.13	161.65	-122.18	-105.61	-73.59	-226.30	-1.46	18.43	2.24	-12.45	13.24	33.31	94.74	3.70
MRPC1CB33P25_SIN		0.00	1009.48	5.68	98.41	73.26	-29.14	48.20	-67.55	-57.31	-19.58	-27.85	56.94	11.71	-11.15	-10.14	24.04
MRPC1FB33P25_COS		1964.83	204.12	-242.18	584.41	-339.28	-121.65	-210.87	-584.68	-150.57	-112.07	54.51	-3.72	28.43	85.11	219.90	-1.56
MRPC1FB33P25_SIN		0.00	37.02	82.89	409.54	111.55	87.66	50.58	-253.78	-100.86	-76.20	-47.50	34.59	-6.53	-23.74	-1.91	56.05
MRPC1TOR25P5_COS		-652.14	-87.00	-101.06	-21.08	9.75	39.82	15.42	118.13	4.74	-18.41	2.08	-5.22	-0.44	-4.92	-12.97	-9.61
MRPC1TOR25P5_SIN		0.00	-1.26	-105.84	-72.65	3.40	-6.00	1.05	-35.99	-12.16	6.13	11.17	29.73	9.59	0.41	7.93	2.35
MRPLK1LOAD_COS		-49.27	-12.11	-7.12	-6.35	0.87	6.12	2.12	17.78	1.55	-3.28	0.07	-0.84	0.42	-1.02	-2.78	-1.68
MRPLK1LOAD_SIN		0.00	-10.29	-12.00	-8.80	-0.53	0.13	-1.02	-4.68	-1.08	0.29	1.57	4.48	1.24	0.50	1.80	-0.19
PITCHRH_COS		8779.96	-9028.93	386.79	-91.52	-11.33	-1519.40	-11.16	18.00	104.39	-4.41	-288.87	-19.62	-31.68	117.69	-2.69	457.30
PITCHRH_SIN		0.00	2141.94	-416.44	14.37	-92.74	1154.08	1.40	129.36	-25.07	-53.56	-136.12	-43.64	36.97	-89.93	-21.26	-114.43
ROLLRH_COS		4716.00	-1939.31	272.84	16.80	-45.70	-1028.51	73.17	-12.33	160.31	56.73	336.61	-0.83	-95.67	-51.61	-8.62	310.01
ROLLRH_SIN		0.00	-9071.04	428.57	25.06	-18.36	-261.98	-157.07	13.96	38.09	-15.56	-107.91	-29.88	-6.49	-113.44	9.99	1146.44
TORQ_COS		63092.08	303.66	39.36	68.97	-31.38	180.05	2.26	27.94	-19.27	-2.63	7.48	-2.73	9.46	-7.71	-0.79	-0.43
TORQ_SIN		0.00	645.53	-40.82	-60.18	-58.60	113.67	8.09	25.87	-10.03	-7.52	-4.11	8.49	-3.97	4.46	-3.94	-5.28
THRUST_COS		5729.06	-59.63	11.75	8.79	10.78	60.91	2.06	18.30	0.76	-1.67	-23.25	0.60	6.11	-0.89	-2.65	-11.70
THRUST_SIN		0.00	-43.59	8.54	-19.39	21.00	-58.68	10.52	4.98	5.99	1.64	20.60	5.60	0.75	3.00	6.63	-36.70

RUN	POINT	Harmonics															
57	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.70	60.17	-8.26	-4.02	8.78	42.05	2.08	-0.89	-5.59	-2.26	-18.19	-0.04	3.18	1.68	0.23	-10.56
SIDERH_SIN		0.00	238.68	-1.49	9.63	-3.71	-51.81	9.14	-0.13	0.89	0.74	2.98	1.01	0.22	3.63	-0.51	-32.77
DRAGRH_COS		-104.67	243.63	1.66	-7.45	0.33	0.06	-20.29	-0.99	0.51	-1.03	22.32	0.94	0.17	-3.90	0.28	-16.93
DRAGRH_SIN		0.00	-59.68	23.02	2.10	3.77	-41.94	-0.79	-0.28	3.00	3.65	9.66	0.54	-3.16	5.16	2.17	9.76

RUN	POINT	Harmonics															
57	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.72	-1.07	-3.81	-3.17	-1.45	-0.08	0.02	1.15	0.50	-0.02	-0.10	0.10	0.00	0.14	-0.13	-0.01
ACT1FORCE_SIN		0.00	15.53	0.64	-0.54	0.23	-0.03	-1.01	-0.08	0.22	0.09	-0.05	0.25	0.02	0.03	0.13	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.14	-5.58	32.38	30.06	17.35	0.81	3.30	0.01	0.00	-0.01	0.02	0.01	0.01	0.00	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-121.31	-3.66	11.38	-1.50	-1.04	13.33	-0.05	-0.03	-0.01	0.00	-0.01	0.00	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.61	5.75	-32.40	-30.15	-17.41	-0.83	-3.39	-0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	121.54	3.78	-11.31	1.57	1.05	-13.35	0.02	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-2881.33	-1480.88	333.31	107.65	-84.76	-141.26	-91.28	-259.59	30.24	81.35	9.64	-40.88	9.70	34.71	109.62	7.63
MRBLD1CB42P75_SIN		0.00	1043.61	5.44	197.83	159.99	-77.83	77.66	-60.95	-64.68	3.65	-24.70	106.88	29.90	-4.71	-9.71	16.95

RUN	POINT	Harmonics															
57	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3411.11	-1047.75	409.12	-42.39	44.37	-122.54	-77.07	-199.42	30.68	78.25	3.15	-17.45	15.07	17.32	77.72	8.65
MRBLD1CB70_SIN		0.00	775.16	-54.80	271.58	341.95	-106.76	99.59	-16.05	-52.58	0.62	-34.08	74.70	15.76	-12.00	-18.42	8.02
MRBLD1CB120_COS		-440.82	-534.58	414.11	-10.13	66.35	-19.14	-31.11	-127.29	-56.76	-72.22	19.29	36.12	10.26	-4.28	-12.84	-6.57
MRBLD1CB120_SIN		0.00	562.97	-145.47	190.77	374.28	-91.55	59.65	-13.11	-10.68	-13.59	33.79	-38.83	-12.39	-8.52	3.88	5.45
MRBLD1CB164_COS		-1981.91	-179.95	131.70	11.13	-18.46	1.03	35.25	30.33	-80.62	-93.64	22.39	34.20	1.51	-4.50	-42.39	-2.10
MRBLD1CB164_SIN		0.00	206.35	-47.30	76.41	149.24	-15.99	13.49	-1.42	8.56	-9.81	46.50	-45.49	-11.14	6.85	8.81	-0.96
MRBLD1FB42P75_COS		2788.06	270.46	-235.39	731.24	-328.60	-101.27	-196.89	-698.16	-204.51	-143.01	43.31	15.59	23.78	41.63	116.57	40.26
MRBLD1FB42P75_SIN		0.00	-166.91	174.03	373.91	195.37	154.62	145.24	87.32	3.17	14.66	-40.92	36.37	-26.81	-81.94	-167.94	21.37
MRBLD1FB70_COS		491.06	46.75	-89.24	204.84	-98.72	-28.86	-28.11	-101.82	-5.85	10.36	8.67	5.83	1.36	-3.65	-22.44	-7.19
MRBLD1FB70_SIN		0.00	-234.43	89.01	117.18	47.22	21.43	26.15	21.13	2.44	4.17	7.16	6.71	6.81	13.50	33.02	-4.91
MRBLD1FB87_COS		-14.82	76.94	-91.12	93.03	-58.67	-16.86	-1.90	62.42	26.53	21.64	-8.29	-5.31	-7.54	-10.81	-25.46	-9.00
MRBLD1FB87_SIN		0.00	-269.41	77.23	89.34	17.56	3.65	-17.12	-15.96	-6.66	-11.31	0.41	-19.68	1.89	17.00	38.03	-1.88
MRBLD1FB120_COS		-393.00	71.87	-174.50	63.90	-0.24	-4.45	28.16	149.70	12.36	-8.97	-8.44	-5.59	3.93	12.27	37.59	12.67
MRBLD1FB120_SIN		0.00	-368.01	122.39	162.74	36.74	10.77	-33.30	-23.54	2.13	1.59	0.62	8.19	-6.57	-22.54	-52.64	4.49
MRBLD1FB164_COS		-92.67	108.37	-216.08	114.74	246.74	101.34	-12.32	-221.31	-22.64	10.55	2.11	5.40	-7.63	-14.07	-20.40	-3.43
MRBLD1FB164_SIN		0.00	-437.58	150.80	269.06	64.41	-59.49	23.06	34.94	7.95	-6.46	-3.84	-23.54	-7.19	15.80	32.37	-9.33

RUN	POINT	Harmonics															
57	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-117.33	-3.79	-99.17	38.23	161.34	84.56	-32.72	-231.07	0.84	54.08	-23.82	-30.47	-10.20	17.47	50.21	17.42
MRBLD1FB180_SIN		0.00	-304.25	104.32	138.91	26.92	-43.65	18.98	29.34	1.46	-35.13	-32.99	-59.78	-12.44	-25.55	-72.43	4.47
MRBLD1TOR51_COS		-1477.94	123.83	14.99	64.57	-19.69	-37.63	-26.34	-135.83	-9.71	10.70	1.81	1.27	-0.44	8.42	27.88	5.57
MRBLD1TOR51_SIN		0.00	-89.78	72.03	67.78	5.90	-0.43	13.28	29.16	3.70	-11.67	-14.93	-15.51	-6.39	-3.57	-3.66	2.79
MRBLD1TOR71_COS		-280.25	142.58	-5.67	40.67	-2.52	-23.39	-10.70	-93.70	-4.00	9.09	-0.27	1.68	-1.18	4.73	16.94	4.01
MRBLD1TOR71_SIN		0.00	-97.66	59.53	30.13	-9.86	-0.60	9.54	38.28	11.09	-6.62	-9.03	-13.74	-4.94	-1.39	-0.38	2.14
MRBLD1TOR130_COS		-21.58	122.34	14.17	16.97	17.15	-14.83	-2.60	-80.89	-8.68	-5.51	4.45	-4.51	-0.49	-0.92	-6.57	-2.14
MRBLD1TOR130_SIN		0.00	-75.99	31.76	14.86	-8.05	-2.60	11.94	25.10	5.40	-5.33	2.55	7.84	2.80	0.69	1.31	-1.08
MRBLD1TOR164_COS		-237.26	60.75	46.87	-7.66	-17.21	-25.95	-7.95	-24.13	4.97	0.41	-2.64	-1.26	4.27	2.75	1.12	-2.26
MRBLD1TOR164_SIN		0.00	-17.61	-4.08	-37.48	-17.16	-0.83	1.69	16.17	4.73	-5.59	-3.03	0.87	-0.20	-1.69	0.62	1.97
MRFBM1CB26P5_COS		-3152.62	-741.24	110.39	54.55	-37.87	-12.63	-5.40	-19.25	-2.11	-6.25	2.38	-2.64	-0.83	5.62	9.82	-0.91
MRFBM1CB26P5_SIN		0.00	365.46	51.26	-33.12	-34.41	-13.60	-4.82	-15.16	-7.02	-2.35	1.83	-0.45	-0.84	-0.29	2.14	3.76
MRFBM1FB9_COS		421.77	-101.72	14.86	-121.12	47.67	21.97	17.81	31.05	4.33	0.81	-1.82	2.33	-0.81	-2.55	-5.68	0.54
MRFBM1FB9_SIN		0.00	-132.86	-58.13	-177.44	-17.11	-4.49	2.38	24.00	7.63	2.22	-0.12	-1.42	-0.82	-1.30	-3.58	-1.09
MRFBM1TOR26P5_COS		-246.15	68.79	0.17	0.12	0.50	-0.22	-0.15	-0.57	0.01	0.62	0.03	0.10	-0.10	0.01	-0.01	0.08
MRFBM1TOR26P5_SIN		0.00	-179.80	1.10	-0.25	-0.12	-0.09	-0.01	0.30	0.16	0.07	-0.11	-0.31	-0.03	0.00	-0.06	0.00

RUN	POINT	Harmonics															
57	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-507.68	-1215.50	247.03	155.44	-118.43	-104.72	-75.13	-218.35	-5.78	19.61	10.38	-18.95	13.31	33.48	93.20	5.38
MRPC1CB33P25_SIN		0.00	966.23	6.04	89.93	63.35	-28.32	46.52	-57.15	-60.08	-18.61	-11.45	64.96	13.88	-10.55	-10.43	20.78
MRPC1FB33P25_COS		1973.63	210.55	-275.01	560.72	-305.55	-126.10	-214.32	-584.30	-159.58	-115.68	57.57	-15.85	30.14	87.10	216.13	2.58
MRPC1FB33P25_SIN		0.00	53.59	85.63	430.11	99.68	89.39	52.01	-222.85	-102.70	-66.23	-7.20	41.81	-0.77	-22.53	-1.41	50.67
MRPC1TOR25P5_COS		-653.49	-85.44	-93.24	-21.55	6.24	39.52	19.90	116.29	4.46	-19.19	3.33	-6.58	0.32	-3.58	-11.42	-7.53
MRPC1TOR25P5_SIN		0.00	-2.87	-104.50	-69.96	4.96	-5.47	-1.87	-43.48	-13.65	6.71	18.90	31.02	9.01	-1.37	6.53	2.84
MRPLK1LOAD_COS		-49.44	-11.87	-6.03	-6.41	0.41	6.09	2.70	17.55	1.56	-3.47	0.13	-1.03	0.55	-0.75	-2.40	-1.35
MRPLK1LOAD_SIN		0.00	-10.56	-11.89	-8.65	-0.27	0.24	-1.48	-5.82	-1.23	0.40	2.66	4.55	1.09	0.28	1.57	-0.09
PITCHRH_COS		8510.80	-9024.66	357.66	-88.37	-30.45	-1365.48	-68.52	13.66	103.43	12.13	-307.27	-8.77	-30.08	107.43	-8.27	427.99
PITCHRH_SIN		0.00	2133.98	-436.41	-3.93	-87.98	953.67	14.09	97.76	22.34	-85.33	-98.67	-71.58	38.23	-71.29	-24.13	-174.94
ROLLRH_COS		4560.52	-1949.49	268.17	-21.23	-80.80	-917.88	113.94	3.08	125.38	51.44	327.31	24.06	-89.48	-35.25	2.17	351.78
ROLLRH_SIN		0.00	-9044.66	407.56	13.94	-18.51	-7.29	-224.29	-14.88	0.28	-36.19	-74.05	-18.82	-14.79	-95.56	36.65	1038.00
TORQ_COS		63086.63	305.15	42.01	64.95	-52.56	176.03	0.76	8.41	-16.68	-2.56	4.83	0.49	7.86	-6.51	0.52	-1.37
TORQ_SIN		0.00	651.89	-31.22	-57.74	-40.59	119.37	10.85	22.09	-7.70	-6.90	-19.52	7.84	-5.99	6.94	-4.22	-4.55
THRUST_COS		5735.17	-61.67	11.32	8.35	16.00	62.07	0.82	10.24	1.77	-1.53	-28.62	1.42	4.04	-0.51	-6.97	-16.28
THRUST_SIN		0.00	-42.84	6.48	-17.98	18.74	-59.33	11.70	8.57	3.46	1.64	6.58	3.98	0.02	0.98	3.15	-33.98

RUN	POINT	Harmonics															
57	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.34	59.34	-7.71	-0.86	10.24	19.55	-0.95	-1.01	-4.36	-2.17	-18.04	-0.97	3.01	1.15	-0.11	-11.71
SIDERH_SIN		0.00	234.17	-0.44	8.58	-5.09	-63.80	11.46	0.09	1.21	1.87	1.97	0.50	0.51	3.00	-1.32	-29.58
DRAGRH_COS		-104.14	241.80	1.68	-6.47	1.66	31.69	-10.24	-2.45	-1.56	-2.58	23.92	0.61	0.74	-3.66	-0.19	-15.90
DRAGRH_SIN		0.00	-59.76	22.44	2.86	5.63	-21.62	3.61	-2.09	-0.96	5.50	7.36	1.88	-3.19	4.21	1.99	11.77

RUN	POINT	Harmonics															
57	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.82	-1.18	-3.89	-3.07	-1.33	-0.06	0.12	1.20	0.51	-0.05	-0.17	0.09	-0.06	0.10	-0.10	0.00
ACT1FORCE_SIN		0.00	15.61	0.45	-0.70	0.26	-0.01	-0.95	-0.02	0.35	0.10	-0.02	0.23	0.02	-0.01	0.11	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.50	-4.70	32.22	29.73	16.63	1.19	2.96	0.01	-0.01	-0.02	0.02	0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-121.69	-2.25	11.43	-1.19	-1.47	12.75	-0.04	-0.03	-0.02	-0.01	-0.02	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.24	4.86	-32.24	-29.83	-16.70	-1.21	-3.05	0.00	0.02	0.03	-0.01	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	121.92	2.36	-11.36	1.26	1.47	-12.78	0.00	0.02	0.01	0.00	0.02	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-2881.86	-1535.69	324.13	108.92	-94.88	-155.19	-86.08	-273.42	30.23	84.92	16.85	-40.49	6.63	35.39	107.58	4.49
MRBLD1CB42P75_SIN		0.00	905.49	18.73	194.70	136.61	-71.26	83.64	-69.66	-74.17	8.60	-24.60	115.43	37.46	2.64	7.53	16.20

RUN	POINT	Harmonics															
57	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3408.40	-1082.73	394.71	-34.01	25.17	-156.37	-77.01	-208.58	30.00	81.19	6.75	-18.21	14.30	19.72	75.06	7.56
MRBLD1CB70_SIN		0.00	693.59	-48.99	268.33	303.04	-95.82	92.52	-21.04	-59.68	5.90	-33.40	81.42	19.97	-7.53	-4.95	6.32
MRBLD1CB120_COS		-439.07	-552.36	403.50	0.39	34.47	-55.29	-35.05	-135.28	-58.18	-76.68	15.21	36.20	12.24	-4.12	-14.57	-6.62
MRBLD1CB120_SIN		0.00	546.71	-148.66	183.67	341.71	-80.00	37.92	-14.10	-7.59	-15.98	33.54	-41.30	-13.39	-9.38	3.16	5.21
MRBLD1CB164_COS		-1981.97	-183.55	130.25	16.44	-31.37	-13.12	33.14	33.46	-82.02	-98.30	20.59	35.47	2.61	-5.34	-38.56	-2.45
MRBLD1CB164_SIN		0.00	206.13	-50.09	69.81	136.05	-12.97	0.72	0.16	12.93	-13.74	46.35	-48.80	-12.26	5.37	1.85	0.85
MRBLD1FB42P75_COS		2798.63	284.17	-223.90	716.44	-367.57	-96.99	-188.60	-747.71	-200.71	-148.33	48.22	24.40	30.03	50.67	140.35	36.06
MRBLD1FB42P75_SIN		0.00	-133.86	183.31	332.27	216.04	157.70	148.13	85.96	2.39	14.29	-43.19	42.05	-14.28	-70.29	-139.01	26.50
MRBLD1FB70_COS		492.51	49.37	-82.60	201.61	-110.28	-28.67	-26.09	-110.44	-6.70	9.52	7.81	4.30	-0.05	-5.51	-27.64	-6.71
MRBLD1FB70_SIN		0.00	-237.90	93.06	102.55	50.75	23.12	25.65	20.60	1.71	3.67	6.48	5.76	4.80	11.01	26.79	-6.33
MRBLD1FB87_COS		-16.26	79.45	-85.81	90.58	-63.02	-16.98	-2.28	66.89	26.52	22.77	-8.75	-6.58	-8.21	-12.52	-30.00	-7.44
MRBLD1FB87_SIN		0.00	-273.75	79.81	80.88	19.42	4.65	-17.32	-15.67	-5.67	-10.79	1.63	-20.36	-0.18	15.34	32.73	-1.89
MRBLD1FB120_COS		-397.14	76.19	-168.60	61.28	6.02	-4.10	28.65	162.15	12.53	-8.30	-8.48	-5.09	4.50	13.83	43.32	9.33
MRBLD1FB120_SIN		0.00	-379.14	127.35	151.29	36.62	8.90	-33.18	-23.47	1.72	0.78	0.20	8.59	-5.13	-20.64	-44.91	4.39
MRBLD1FB164_COS		-95.14	113.27	-211.18	107.29	259.22	97.54	-12.80	-239.64	-20.93	10.57	3.53	6.11	-6.88	-14.77	-23.38	-0.80
MRBLD1FB164_SIN		0.00	-450.63	163.95	255.24	62.75	-66.15	21.29	33.80	7.06	-4.09	-2.15	-23.34	-8.34	14.91	29.32	-8.19

RUN	POINT	Harmonics															
57	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-118.72	-0.63	-95.21	34.77	166.39	83.24	-32.53	-248.29	0.91	58.12	-22.05	-31.28	-8.93	19.27	56.65	13.27
MRBLD1FB180_SIN		0.00	-311.33	111.69	133.06	25.75	-47.42	17.16	28.25	1.65	-32.81	-30.64	-61.03	-13.24	-22.79	-62.99	3.43
MRBLD1TOR51_COS		-1477.08	124.99	15.46	61.85	-23.81	-39.37	-23.53	-144.94	-9.41	10.91	2.03	1.31	-0.11	8.51	27.83	6.80
MRBLD1TOR51_SIN		0.00	-90.66	77.37	63.87	4.03	0.76	8.99	30.20	6.22	-10.44	-14.14	-15.26	-6.60	-2.69	-1.07	2.09
MRBLD1TOR71_COS		-279.85	144.39	-4.65	38.36	-4.63	-24.36	-8.83	-100.46	-3.96	9.25	-0.54	1.42	-0.97	4.35	16.58	4.66
MRBLD1TOR71_SIN		0.00	-97.68	63.58	28.10	-10.81	0.13	5.66	40.17	13.34	-5.80	-8.37	-13.87	-5.65	-1.04	0.76	1.52
MRBLD1TOR130_COS		-21.31	123.60	14.94	15.24	17.02	-15.88	-1.54	-86.77	-8.48	-5.76	4.76	-4.68	-0.70	-1.41	-6.89	-3.04
MRBLD1TOR130_SIN		0.00	-76.30	34.31	14.88	-8.67	-2.60	8.52	26.09	6.50	-5.83	2.72	8.49	3.12	0.84	0.96	-0.86
MRBLD1TOR164_COS		-236.94	60.85	46.62	-7.91	-19.25	-26.57	-7.59	-26.33	4.58	0.95	-3.21	-1.43	4.32	2.12	0.18	-3.98
MRBLD1TOR164_SIN		0.00	-16.03	-4.81	-34.94	-17.56	0.67	0.56	17.46	5.44	-5.92	-2.83	1.20	0.36	-1.13	2.06	1.85
MRFBM1CB26P5_COS		-3155.88	-755.95	109.19	51.48	-33.60	-8.25	-4.52	-19.97	-1.26	-6.40	3.25	-2.29	-1.38	5.07	9.48	-1.48
MRFBM1CB26P5_SIN		0.00	288.31	57.10	-29.53	-31.65	-14.53	-1.50	-16.11	-7.70	-2.48	2.00	0.11	0.21	0.55	3.92	4.05
MRFBM1FB9_COS		435.17	-87.77	9.67	-120.20	53.29	22.48	16.74	32.84	4.05	0.71	-2.15	2.42	-0.50	-2.28	-4.75	0.75
MRFBM1FB9_SIN		0.00	-71.59	-69.12	-166.83	-17.14	-5.73	2.18	25.67	7.54	2.13	-0.51	-1.85	-1.16	-1.71	-4.42	-0.98
MRFBM1TOR26P5_COS		-246.05	73.40	0.16	0.16	0.56	-0.24	-0.06	-0.63	-0.01	0.64	0.03	0.11	-0.08	0.03	0.02	0.11
MRFBM1TOR26P5_SIN		0.00	-181.98	1.18	-0.38	-0.17	-0.03	-0.10	0.33	0.16	0.10	-0.10	-0.36	-0.05	-0.02	-0.09	0.01

RUN	POINT	Harmonics															
57	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-506.50	-1273.09	241.96	153.44	-126.68	-107.11	-69.28	-231.16	-4.98	21.59	14.89	-17.97	11.37	33.69	91.38	2.26
MRPC1CB33P25_SIN		0.00	847.08	18.74	87.86	56.30	-25.81	52.13	-64.37	-66.07	-16.61	-11.99	71.23	20.74	-4.08	4.61	20.43
MRPC1FB33P25_COS		1983.75	217.25	-268.27	556.69	-342.84	-123.92	-209.05	-623.24	-156.17	-119.85	62.70	-13.25	25.37	83.96	205.85	-4.40
MRPC1FB33P25_SIN		0.00	85.30	93.48	392.50	106.87	94.00	57.68	-242.60	-101.63	-68.50	-5.70	52.25	12.02	-7.78	36.40	50.24
MRPC1TOR25P5_COS		-651.16	-82.89	-95.56	-17.39	9.23	41.63	16.70	125.04	4.56	-19.20	3.34	-6.67	-1.08	-4.64	-13.66	-10.93
MRPC1TOR25P5_SIN		0.00	-3.47	-111.87	-67.42	5.42	-5.48	3.82	-45.95	-16.34	5.26	18.59	32.82	10.52	-0.57	7.75	3.36
MRPLK1LOAD_COS		-49.51	-11.13	-6.07	-5.97	0.91	6.35	2.26	18.84	1.56	-3.47	0.12	-1.08	0.37	-1.07	-2.90	-1.93
MRPLK1LOAD_SIN		0.00	-11.40	-12.64	-8.16	-0.17	0.18	-0.69	-6.12	-1.61	0.17	2.65	4.83	1.32	0.42	1.68	-0.03
PITCHRH_COS		8207.60	-9019.74	390.09	-83.51	1.24	-1432.06	9.37	-17.69	75.57	10.28	-321.94	-4.14	-10.24	74.22	-2.24	459.06
PITCHRH_SIN		0.00	2142.54	-405.46	-14.36	-66.31	1185.35	26.94	85.77	11.26	-69.31	-107.75	-61.39	54.88	-26.43	-27.34	-123.34
ROLLRH_COS		3440.93	-1938.96	301.30	-29.53	-48.69	-1027.85	-5.83	26.69	109.23	37.85	345.44	17.10	-73.33	-34.07	-12.80	241.93
ROLLRH_SIN		0.00	-9042.83	420.16	-12.74	-18.51	-284.60	-118.04	-27.04	-2.80	-14.77	-89.52	-20.17	7.55	-70.24	12.45	1110.46
TORQ_COS		63113.89	286.44	36.24	61.44	-41.36	189.61	-0.41	1.86	-15.20	-4.18	2.58	-0.74	5.52	-3.62	-0.49	-1.59
TORQ_SIN		0.00	643.93	-32.97	-61.57	-32.47	109.73	5.95	27.00	-2.94	-7.66	-18.45	9.22	-6.81	6.50	-1.98	-4.88
THRUST_COS		5773.33	-59.00	10.33	7.12	12.88	63.36	2.71	8.24	0.73	-0.83	-30.23	0.45	3.81	0.37	-2.01	-16.04
THRUST_SIN		0.00	-42.16	5.38	-16.29	19.19	-60.76	9.18	12.11	1.77	1.31	9.11	3.97	-1.59	0.95	4.06	-34.39

RUN	POINT	Harmonics															
57	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.78	59.84	-10.29	-1.19	4.95	41.57	7.54	-2.41	-3.56	-1.63	-18.75	-0.68	2.30	1.00	0.24	-8.62
SIDERH_SIN		0.00	237.39	-0.91	7.59	-0.39	-59.49	7.59	1.54	1.05	0.72	1.97	0.69	-0.37	2.38	-0.45	-31.47
DRAGRH_COS		-109.33	243.39	0.75	-5.78	1.03	-13.89	-22.79	0.56	-1.31	-2.49	24.78	1.31	-1.21	-3.03	0.24	-16.81
DRAGRH_SIN		0.00	-59.25	21.89	2.47	3.42	-29.36	-13.69	0.47	2.40	5.25	9.11	1.65	-3.25	2.80	2.15	10.59

RUN	POINT	Harmonics															
57	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.64	-1.08	-4.40	-2.96	-1.56	0.05	0.11	1.20	0.39	0.01	-0.19	0.17	-0.07	0.10	-0.16	0.00
ACT1FORCE_SIN		0.00	15.64	0.52	-0.76	0.06	0.10	-0.97	0.05	0.34	0.04	-0.06	0.21	0.06	0.04	0.16	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.39	-5.14	34.08	29.51	17.54	0.93	2.27	0.02	0.00	-0.02	0.02	0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-121.46	-2.36	11.35	-0.28	-1.78	12.76	-0.04	-0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.35	5.30	-34.11	-29.61	-17.61	-0.95	-2.36	-0.02	0.01	0.02	-0.01	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	121.70	2.48	-11.27	0.34	1.79	-12.79	0.01	0.03	0.00	0.01	0.00	0.00	0.00	-0.01	0.00
MRBLD1CB42P75_COS		-2879.99	-1466.30	363.82	114.31	-77.98	-149.73	-87.79	-245.37	32.37	88.13	13.01	-35.64	5.43	33.90	111.77	2.30
MRBLD1CB42P75_SIN		0.00	883.57	18.15	191.27	124.01	-88.90	77.20	-83.61	-61.00	13.73	-61.20	108.24	35.52	3.91	10.48	29.09

RUN	POINT	Harmonics															
57	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3425.10	-1041.44	426.41	-23.07	49.12	-150.33	-81.20	-184.71	32.83	85.52	3.21	-16.05	12.91	21.53	80.02	9.76
MRBLD1CB70_SIN		0.00	678.72	-42.16	264.03	275.71	-110.51	83.34	-36.42	-50.67	9.30	-53.78	71.79	18.36	-11.12	-7.29	17.46
MRBLD1CB120_COS		-425.50	-543.35	424.69	6.04	48.23	-50.94	-34.58	-108.16	-46.70	-75.34	16.72	31.88	13.16	-1.85	-11.05	-6.46
MRBLD1CB120_SIN		0.00	539.29	-139.21	171.75	311.89	-87.27	30.34	-26.74	-15.25	-23.21	50.16	-37.73	-11.20	-10.21	1.04	5.06
MRBLD1CB164_COS		-1979.73	-184.10	133.40	16.11	-28.69	-12.63	29.78	35.30	-73.02	-98.61	22.26	32.76	4.80	-6.12	-42.73	-2.57
MRBLD1CB164_SIN		0.00	206.10	-47.19	61.78	124.99	-16.63	-1.10	1.69	2.24	-23.18	59.49	-40.59	-9.21	8.19	4.46	-5.51
MRBLD1FB42P75_COS		2788.24	265.75	-211.28	697.56	-409.25	-93.21	-180.65	-684.66	-195.75	-157.39	23.31	25.86	24.57	48.81	146.08	49.50
MRBLD1FB42P75_SIN		0.00	-131.72	163.19	290.95	217.32	145.96	133.44	10.54	-17.38	-0.28	-81.86	37.15	-21.60	-70.37	-157.25	40.64
MRBLD1FB70_COS		485.13	46.25	-81.03	193.64	-122.46	-28.24	-24.60	-99.13	-4.83	10.75	8.20	5.54	1.68	-4.43	-28.34	-8.87
MRBLD1FB70_SIN		0.00	-240.07	86.90	88.71	49.29	20.25	22.69	8.67	1.11	4.30	7.32	7.22	6.77	12.08	30.34	-8.97
MRBLD1FB87_COS		-20.98	78.63	-87.05	87.20	-68.79	-15.68	-2.22	61.90	26.41	24.88	-1.99	-6.15	-6.15	-11.72	-31.44	-10.59
MRBLD1FB87_SIN		0.00	-273.72	76.54	72.95	19.32	4.41	-16.07	-9.13	-3.22	-8.88	10.28	-20.01	0.56	14.55	36.16	-5.15
MRBLD1FB120_COS		-400.29	78.73	-170.92	60.85	4.90	-4.71	24.57	145.39	8.78	-10.47	-11.70	-7.06	1.35	12.50	45.66	14.21
MRBLD1FB120_SIN		0.00	-378.91	122.28	145.77	36.36	10.73	-30.86	-6.38	3.45	0.06	-3.39	7.57	-7.01	-20.75	-50.29	8.86
MRBLD1FB164_COS		-97.67	117.57	-202.16	110.64	274.91	97.85	-10.05	-213.09	-17.13	12.29	7.12	6.72	-4.59	-14.08	-26.32	-4.38
MRBLD1FB164_SIN		0.00	-456.83	153.75	254.98	61.08	-55.15	18.74	12.02	5.82	-1.89	5.62	-22.81	-6.76	13.43	31.86	-9.72

RUN	POINT	Harmonics															
57	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.19	1.24	-88.81	35.73	178.21	81.83	-28.05	-224.46	4.21	58.85	-8.47	-32.56	-12.69	16.36	59.71	20.60
MRBLD1FB180_SIN		0.00	-317.34	105.02	136.04	24.64	-40.91	16.08	8.99	2.34	-25.73	-10.28	-62.17	-17.21	-25.67	-69.49	8.06
MRBLD1TOR51_COS		-1479.18	125.92	23.38	61.07	-26.12	-38.41	-19.61	-132.65	-9.78	11.38	2.79	1.99	0.18	8.50	30.43	6.68
MRBLD1TOR51_SIN		0.00	-92.83	76.06	62.45	6.07	-3.06	8.90	15.16	4.69	-10.40	-10.52	-16.22	-7.89	-4.18	-1.42	4.60
MRBLD1TOR71_COS		-282.35	144.52	0.95	37.47	-6.12	-23.81	-5.45	-93.18	-4.57	9.54	0.21	1.81	-0.77	4.64	17.72	4.87
MRBLD1TOR71_SIN		0.00	-99.44	62.88	27.75	-7.93	-2.58	6.37	28.34	12.18	-5.47	-3.11	-14.39	-6.36	-2.35	0.88	3.13
MRBLD1TOR130_COS		-23.20	124.31	20.06	15.10	17.65	-15.24	0.58	-79.53	-7.70	-4.94	6.02	-4.10	-0.93	-1.32	-8.67	-2.57
MRBLD1TOR130_SIN		0.00	-77.97	33.79	16.18	-5.95	-4.67	8.93	16.22	5.20	-6.51	1.57	9.08	3.51	1.24	1.70	-1.36
MRBLD1TOR164_COS		-237.71	60.82	47.83	-7.89	-21.75	-25.20	-6.56	-25.08	4.25	1.65	-2.31	-2.08	4.00	2.58	-0.49	-4.05
MRBLD1TOR164_SIN		0.00	-17.33	-3.35	-33.85	-16.73	-1.52	0.70	12.70	5.66	-5.76	-2.12	1.09	0.20	-1.26	1.67	1.82
MRFBM1CB26P5_COS		-3159.12	-712.39	125.18	50.29	-28.99	-7.29	-3.61	-19.17	-1.58	-7.07	3.44	-1.54	-1.19	4.48	10.18	-2.38
MRFBM1CB26P5_SIN		0.00	282.86	56.42	-27.28	-25.73	-17.59	-0.85	-15.93	-6.49	-3.15	-2.28	0.67	-0.60	1.23	3.97	4.05
MRFBM1FB9_COS		433.28	-110.72	-8.98	-119.70	57.40	21.75	15.31	27.36	3.26	0.38	-3.07	2.14	-0.66	-2.22	-5.32	1.36
MRFBM1FB9_SIN		0.00	-48.10	-62.06	-157.16	-14.59	-5.24	2.86	26.18	7.70	2.41	1.18	-1.78	-0.97	-1.57	-4.51	-1.47
MRFBM1TOR26P5_COS		-246.05	74.32	0.19	0.20	0.58	-0.22	0.03	-0.55	-0.04	0.63	0.00	0.10	-0.07	0.01	0.07	0.11
MRFBM1TOR26P5_SIN		0.00	-181.83	1.20	-0.40	-0.14	-0.03	-0.09	0.27	0.18	0.15	-0.01	-0.35	-0.04	-0.01	-0.11	0.01

RUN	POINT	Harmonics															
57	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-501.83	-1217.60	277.13	155.53	-117.45	-103.70	-68.73	-207.71	-0.96	23.32	10.90	-14.51	10.77	33.06	96.82	0.07
MRPC1CB33P25_SIN		0.00	825.46	14.45	86.90	53.29	-39.91	47.03	-75.78	-59.09	-16.21	-39.33	66.77	18.27	-2.65	5.25	31.15
MRPC1FB33P25_COS		1973.45	201.28	-254.92	548.97	-376.65	-117.24	-199.32	-542.31	-142.55	-119.72	67.16	-9.25	26.49	82.84	224.41	-9.01
MRPC1FB33P25_SIN		0.00	86.08	78.36	356.56	97.00	85.03	48.56	-278.81	-114.60	-84.84	-49.77	48.08	2.49	-9.86	31.25	69.50
MRPC1TOR25P5_COS		-649.82	-81.35	-103.09	-15.28	11.77	41.22	11.96	114.76	5.60	-19.94	3.27	-6.71	-1.39	-4.01	-16.72	-10.72
MRPC1TOR25P5_SIN		0.00	-1.82	-111.90	-67.72	2.46	-1.77	3.97	-31.27	-14.92	3.68	9.47	32.92	11.15	0.19	8.50	2.62
MRPLK1LOAD_COS		-49.49	-10.70	-7.02	-5.80	1.24	6.26	1.61	17.17	1.73	-3.47	0.19	-1.11	0.32	-0.86	-3.72	-1.85
MRPLK1LOAD_SIN		0.00	-11.40	-12.31	-8.14	-0.51	0.67	-0.68	-4.05	-1.41	-0.11	1.41	4.89	1.39	0.45	1.86	-0.17
PITCHRH_COS		8594.68	-9008.30	398.84	-118.06	-24.50	-1441.60	44.43	-1.33	101.41	-0.54	-344.03	-19.81	-24.16	102.08	8.62	489.24
PITCHRH_SIN		0.00	2142.07	-406.09	-34.26	-64.17	1309.94	31.88	100.35	47.87	-101.19	-135.06	-80.48	32.13	-29.65	-15.24	-44.38
ROLLRH_COS		3047.72	-1930.10	282.97	-32.17	-113.45	-1106.63	28.84	37.44	112.14	45.71	341.18	27.51	-71.36	-33.20	14.20	173.73
ROLLRH_SIN		0.00	-9046.86	467.29	3.95	-31.97	-374.11	-139.55	19.17	40.84	-37.06	-93.98	-27.83	-4.65	-96.95	12.41	1244.82
TORQ_COS		63021.95	284.63	36.10	61.60	-74.21	186.15	1.18	10.49	-12.38	-1.69	8.30	-1.11	6.22	-3.49	-0.49	-0.81
TORQ_SIN		0.00	641.82	-33.86	-58.23	-43.07	140.39	6.72	21.53	-10.57	-7.69	-6.28	6.68	-5.83	2.42	-3.03	-3.63
THRUST_COS		5771.84	-57.24	12.51	7.92	19.82	63.56	1.96	9.30	-1.20	-1.49	-22.52	0.50	4.51	-0.49	-5.88	-11.24
THRUST_SIN		0.00	-42.46	7.64	-17.86	21.04	-61.20	10.82	7.39	2.70	2.82	17.64	4.25	-0.76	0.12	8.72	-42.79

RUN	POINT	Harmonics															
57	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.86	59.53	-8.57	-3.30	10.07	54.94	4.61	-2.35	-4.38	-1.70	-18.54	-1.29	2.35	0.86	-0.64	-6.68
SIDERH_SIN		0.00	235.92	-4.78	9.88	-5.42	-52.64	10.28	0.30	-0.26	1.83	1.97	1.23	0.10	3.06	-0.48	-35.37
DRAGRH_COS		-108.58	242.94	2.08	-6.89	-1.96	-39.21	-21.79	1.02	-2.16	-1.82	25.05	3.71	0.00	-4.17	-0.60	-18.31
DRAGRH_SIN		0.00	-59.31	23.24	1.02	3.10	-36.28	-15.10	0.76	3.90	7.33	11.06	2.56	-2.12	3.15	2.06	7.33

RUN	POINT	Harmonics															
57	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.87	-1.12	-4.06	-3.04	-1.38	-0.07	0.14	1.21	0.44	-0.06	-0.18	0.11	-0.05	0.11	-0.13	-0.01
ACT1FORCE_SIN		0.00	15.37	0.57	-0.64	0.21	0.05	-0.97	0.08	0.34	0.06	-0.07	0.21	0.04	0.01	0.14	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.03	-4.95	32.99	29.84	17.79	1.55	2.54	0.02	-0.01	-0.01	0.03	0.00	0.01	0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-119.93	-3.42	11.48	-1.02	-1.95	13.47	-0.05	-0.04	-0.02	0.00	-0.01	0.00	0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.72	5.10	-33.02	-29.94	-17.85	-1.56	-2.64	-0.02	0.01	0.01	-0.01	0.00	-0.02	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	120.16	3.54	-11.41	1.08	1.96	-13.50	0.01	0.03	0.02	0.00	0.01	0.00	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-2872.38	-1517.14	345.63	114.23	-86.33	-138.88	-87.90	-251.72	34.84	88.54	20.24	-35.85	8.10	36.71	108.36	3.75
MRBLD1CB42P75_SIN		0.00	859.87	14.11	190.80	141.68	-82.19	76.66	-89.38	-63.00	7.96	-41.86	112.90	34.38	1.12	4.61	23.09

RUN	POINT	Harmonics															
57	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3422.13	-1069.04	408.85	-24.40	41.25	-121.00	-77.00	-194.39	34.09	84.87	9.21	-15.40	15.11	22.75	77.00	7.96
MRBLD1CB70_SIN		0.00	657.93	-48.51	265.35	304.77	-121.74	94.90	-36.06	-52.16	5.52	-39.35	78.22	17.73	-10.54	-10.58	12.00
MRBLD1CB120_COS		-427.84	-548.38	406.13	7.25	52.15	-15.92	-34.56	-123.96	-48.51	-73.35	13.41	33.96	11.89	-3.60	-11.93	-6.83
MRBLD1CB120_SIN		0.00	522.27	-145.99	180.02	339.05	-112.61	49.73	-20.72	-14.40	-16.49	40.91	-40.04	-12.22	-8.91	1.61	4.64
MRBLD1CB164_COS		-1976.69	-184.20	125.92	18.84	-22.99	1.91	30.30	31.01	-75.12	-95.99	18.97	33.74	3.39	-5.95	-39.71	-0.43
MRBLD1CB164_SIN		0.00	197.54	-48.11	70.81	135.29	-27.13	11.04	6.69	4.88	-15.78	48.63	-45.85	-9.59	7.48	6.20	-2.38
MRBLD1FB42P75_COS		2791.64	278.15	-215.63	718.54	-365.74	-89.90	-191.62	-709.63	-190.29	-146.63	30.98	25.30	23.42	45.99	130.62	39.60
MRBLD1FB42P75_SIN		0.00	-120.97	176.41	317.15	213.89	149.66	130.73	20.02	-16.79	0.70	-70.72	34.23	-22.74	-73.86	-152.62	35.13
MRBLD1FB70_COS		489.57	46.81	-80.88	201.35	-109.82	-26.25	-26.68	-104.01	-4.39	10.56	8.56	5.63	1.57	-4.20	-25.04	-6.80
MRBLD1FB70_SIN		0.00	-236.95	90.81	98.05	50.21	19.63	22.48	9.54	0.37	3.57	6.61	6.68	6.25	12.04	29.27	-8.05
MRBLD1FB87_COS		-18.30	77.96	-85.43	91.16	-63.01	-16.20	-2.02	63.24	24.96	22.26	-5.18	-7.15	-7.16	-12.09	-28.72	-9.09
MRBLD1FB87_SIN		0.00	-271.83	79.13	79.30	19.90	4.28	-16.07	-9.71	-3.61	-8.64	7.56	-19.07	1.33	15.70	35.39	-3.67
MRBLD1FB120_COS		-398.69	76.59	-165.42	64.23	5.25	-5.97	28.82	152.74	9.14	-9.40	-9.75	-5.85	2.73	12.94	41.50	11.86
MRBLD1FB120_SIN		0.00	-375.73	125.97	151.06	36.12	11.21	-30.27	-7.71	4.20	0.95	-1.44	7.32	-7.16	-21.53	-48.67	7.13
MRBLD1FB164_COS		-98.41	114.54	-197.08	112.05	258.94	96.19	-14.22	-223.49	-17.31	11.47	4.44	5.32	-5.02	-14.30	-23.75	-3.19
MRBLD1FB164_SIN		0.00	-446.65	157.82	252.64	60.59	-59.69	18.23	12.14	4.59	-3.33	1.76	-22.00	-6.80	14.19	30.77	-9.36

RUN	POINT	Harmonics															
57	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.74	-1.00	-86.31	36.03	165.82	82.43	-32.40	-232.97	2.93	57.04	-14.15	-32.28	-9.85	17.75	54.78	16.98
MRBLD1FB180_SIN		0.00	-310.06	107.73	132.45	24.76	-43.29	15.72	8.39	0.42	-27.73	-16.97	-61.18	-16.69	-25.90	-68.23	6.28
MRBLD1TOR51_COS		-1475.55	125.17	19.22	63.74	-20.98	-35.49	-21.57	-138.59	-9.95	10.22	2.17	1.55	0.53	8.88	28.50	5.59
MRBLD1TOR51_SIN		0.00	-91.40	75.85	64.06	5.17	-2.08	7.14	17.08	4.06	-10.55	-11.48	-15.72	-7.51	-3.74	-2.01	3.48
MRBLD1TOR71_COS		-279.41	144.17	-2.35	39.42	-2.51	-21.94	-6.90	-97.28	-4.94	8.43	-0.47	1.50	-0.30	4.75	16.92	4.41
MRBLD1TOR71_SIN		0.00	-97.68	62.48	28.59	-9.74	-1.74	4.62	30.37	11.59	-5.58	-4.84	-13.97	-5.73	-1.80	0.36	2.48
MRBLD1TOR130_COS		-20.83	123.99	17.43	16.34	18.83	-13.84	-0.23	-82.93	-8.07	-5.23	5.50	-4.15	-0.77	-1.61	-7.52	-1.96
MRBLD1TOR130_SIN		0.00	-76.25	33.42	15.41	-8.05	-3.98	7.60	17.55	5.05	-6.25	1.71	8.80	3.43	0.70	1.19	-1.05
MRBLD1TOR164_COS		-236.27	60.89	45.87	-8.27	-18.88	-24.56	-6.74	-26.51	4.04	1.09	-2.57	-1.69	3.96	2.33	0.00	-3.34
MRBLD1TOR164_SIN		0.00	-16.63	-4.45	-34.53	-16.97	-0.52	-0.06	13.61	5.23	-5.60	-2.52	0.75	0.35	-1.46	1.04	1.66
MRFBM1CB26P5_COS		-3152.21	-739.29	119.12	50.24	-34.10	-12.48	-4.90	-18.09	-1.45	-6.47	3.28	-1.89	-1.29	4.54	9.55	-2.12
MRFBM1CB26P5_SIN		0.00	268.71	54.66	-30.90	-29.57	-11.64	-3.63	-17.21	-6.43	-2.79	-1.27	0.11	-0.40	0.75	3.56	3.93
MRFBM1FB9_COS		433.63	-90.03	-2.94	-123.56	52.76	20.82	16.39	29.06	3.15	0.30	-2.91	2.10	-0.77	-2.47	-5.29	1.08
MRFBM1FB9_SIN		0.00	-48.84	-65.79	-163.67	-17.07	-4.64	3.04	26.98	7.59	2.19	0.49	-1.87	-0.89	-1.52	-4.04	-1.10
MRFBM1TOR26P5_COS		-245.70	74.60	0.18	0.21	0.54	-0.19	-0.01	-0.58	-0.04	0.62	0.02	0.09	-0.08	0.03	0.05	0.09
MRFBM1TOR26P5_SIN		0.00	-182.45	1.19	-0.39	-0.14	-0.08	-0.08	0.27	0.15	0.12	-0.03	-0.35	-0.06	-0.01	-0.07	0.01

RUN	POINT	Harmonics															
57	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-496.95	-1263.61	260.49	155.61	-121.37	-101.97	-72.23	-213.41	1.07	24.75	15.79	-14.62	12.00	34.34	92.50	0.80
MRPC1CB33P25_SIN		0.00	809.18	12.38	84.72	60.06	-29.66	44.26	-80.45	-59.45	-18.00	-27.48	68.70	17.30	-5.20	1.13	25.72
MRPC1FB33P25_COS		1977.60	211.91	-260.09	561.51	-340.67	-115.59	-206.24	-566.18	-139.52	-111.41	66.25	-8.30	26.74	83.58	210.77	-9.87
MRPC1FB33P25_SIN		0.00	95.92	88.74	381.08	105.25	88.94	42.76	-280.64	-111.57	-78.71	-36.24	46.36	1.60	-13.54	20.30	57.34
MRPC1TOR25P5_COS		-651.14	-80.90	-99.61	-18.51	6.32	38.37	14.28	120.25	5.65	-18.05	3.81	-6.30	-1.26	-5.03	-14.77	-8.67
MRPC1TOR25P5_SIN		0.00	-3.89	-110.70	-68.17	4.54	-3.11	5.64	-33.21	-14.03	4.38	12.38	32.45	11.24	-0.24	7.17	2.60
MRPLK1LOAD_COS		-49.63	-10.73	-6.55	-6.24	0.52	5.84	1.90	18.01	1.77	-3.26	0.18	-1.03	0.33	-1.09	-3.17	-1.49
MRPLK1LOAD_SIN		0.00	-11.65	-12.31	-8.21	-0.24	0.55	-0.53	-4.32	-1.30	0.04	1.78	4.82	1.50	0.36	1.60	-0.12
PITCHRH_COS		8221.69	-8995.41	396.94	-112.20	-28.77	-1392.08	-85.79	34.02	135.82	7.84	-310.66	-18.39	-7.05	104.39	-4.31	432.68
PITCHRH_SIN		0.00	2132.97	-416.48	-34.26	-56.30	1143.85	50.43	81.68	26.81	-82.14	-146.14	-66.41	40.50	-20.48	-30.78	-121.37
ROLLRH_COS		3055.76	-1933.62	289.53	-37.92	-78.09	-1035.76	69.57	5.83	97.93	50.52	335.35	16.70	-79.57	-27.68	21.01	250.77
ROLLRH_SIN		0.00	-9050.78	411.64	9.57	-33.72	-162.24	-284.49	-18.84	58.96	-27.41	-96.98	-13.32	14.18	-45.78	17.64	1092.34
TORQ_COS		63162.31	274.11	33.81	63.42	-63.67	181.99	-0.19	4.41	-11.16	-3.29	5.87	-1.44	5.53	-4.27	-0.75	-1.91
TORQ_SIN		0.00	646.49	-33.89	-55.58	-39.24	119.75	9.04	20.96	-13.49	-8.47	-10.09	8.06	-7.02	3.22	-3.89	-4.98
THRUST_COS		5767.47	-59.06	11.84	9.18	16.86	57.89	2.02	6.35	-2.21	-2.64	-24.52	1.77	4.32	-2.37	-6.70	-11.86
THRUST_SIN		0.00	-44.47	6.74	-16.85	20.74	-61.32	13.24	8.77	3.20	2.83	17.16	4.93	-0.78	-0.52	7.33	-37.66

RUN	POINT	Harmonics															
57	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.76	59.78	-8.97	-4.53	6.14	34.74	-0.36	-1.52	-3.95	-2.06	-18.15	-0.78	2.55	0.75	-0.71	-8.85
SIDERH_SIN		0.00	238.65	-1.05	7.67	-0.40	-61.39	17.09	0.03	-1.18	1.11	2.15	0.36	-0.76	1.52	-0.63	-30.87
DRAGRH_COS		-109.95	243.14	2.12	-4.61	2.14	2.22	0.22	-3.10	-4.42	-2.45	22.95	1.68	-1.86	-3.95	-0.33	-15.98
DRAGRH_SIN		0.00	-59.23	22.95	1.14	4.53	-22.10	2.74	-0.37	1.89	4.54	9.83	1.83	-2.84	2.26	2.53	9.95

RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.68	-1.18	-4.13	-2.99	-1.41	-0.05	0.15	1.18	0.50	-0.03	-0.17	0.17	-0.03	0.12	-0.14	-0.01
ACT1FORCE_SIN		0.00	15.31	0.53	-0.69	0.19	0.14	-0.94	0.03	0.34	0.06	-0.07	0.21	0.04	0.05	0.13	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.44	-4.26	32.02	30.02	16.95	1.31	2.53	0.02	0.00	-0.02	0.02	0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-119.58	-2.81	11.69	-1.32	-2.25	13.14	-0.03	-0.04	-0.01	0.00	-0.02	0.00	0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.32	4.37	-32.05	-30.10	-17.01	-1.33	-2.59	-0.01	0.01	0.01	-0.01	-0.01	0.00	0.00	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	119.82	2.90	-11.65	1.35	2.25	-13.18	-0.01	0.03	0.01	0.00	0.01	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-2850.30	-1754.87	340.68	115.36	-90.34	-139.69	-81.58	-245.85	29.99	84.13	10.08	-31.46	7.67	32.52	107.18	3.66
MRBLD1CB42P75_SIN		0.00	674.45	5.29	184.05	136.95	-83.29	77.54	-81.62	-65.75	12.36	-52.35	106.10	34.00	-0.61	0.08	23.36

RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3442.91	-1222.66	403.11	-18.13	34.41	-126.36	-74.21	-188.94	28.09	80.55	-2.80	-14.83	14.76	18.63	76.03	9.30
MRBLD1CB70_SIN		0.00	535.95	-51.83	259.93	295.10	-119.93	88.52	-32.19	-53.86	9.04	-43.85	72.77	18.42	-10.62	-13.62	13.45
MRBLD1CB120_COS		-420.34	-609.95	402.29	12.78	41.83	-23.13	-35.46	-121.64	-52.47	-73.41	17.35	30.18	11.43	-2.57	-10.35	-5.27
MRBLD1CB120_SIN		0.00	475.59	-144.26	171.75	324.81	-104.63	39.12	-16.05	-11.97	-21.54	44.61	-37.29	-11.27	-7.95	2.78	5.60
MRBLD1CB164_COS		-1976.81	-197.06	126.04	20.83	-26.73	0.21	27.13	29.10	-75.01	-94.29	26.77	31.74	2.74	-4.59	-40.15	-2.24
MRBLD1CB164_SIN		0.00	188.47	-48.24	65.56	129.29	-25.33	2.50	5.80	6.31	-22.33	50.11	-42.80	-10.73	7.16	8.14	-3.84
MRBLD1FB42P75_COS		2780.78	343.67	-207.12	716.78	-379.18	-86.12	-177.97	-689.84	-197.30	-156.73	23.03	23.94	20.07	39.26	126.22	44.71
MRBLD1FB42P75_SIN		0.00	-85.99	180.59	294.13	191.08	163.68	137.71	43.93	-6.49	1.43	-85.57	30.55	-21.01	-73.42	-159.96	30.51
MRBLD1FB70_COS		487.04	45.61	-76.75	200.47	-115.19	-25.90	-24.04	-100.14	-4.78	10.70	8.68	6.09	2.12	-3.20	-24.88	-7.97
MRBLD1FB70_SIN		0.00	-239.75	90.27	91.00	43.77	22.90	22.81	11.69	0.59	3.30	6.50	6.13	5.67	12.00	30.91	-7.25
MRBLD1FB87_COS		-20.09	78.15	-82.04	91.24	-64.80	-15.78	-2.26	61.70	26.30	24.27	-2.88	-6.54	-5.83	-9.76	-27.00	-9.29
MRBLD1FB87_SIN		0.00	-272.58	78.20	75.19	17.81	5.58	-15.64	-11.23	-4.39	-8.22	11.54	-17.44	1.23	15.61	36.76	-3.15
MRBLD1FB120_COS		-398.66	77.57	-162.23	66.50	6.83	-5.76	24.98	147.47	9.90	-10.03	-10.92	-6.36	1.11	9.88	39.36	12.60
MRBLD1FB120_SIN		0.00	-376.23	123.17	147.85	37.70	9.87	-30.96	-12.62	2.88	0.30	-3.40	6.74	-6.51	-21.48	-50.98	6.24
MRBLD1FB164_COS		-99.32	116.53	-193.12	114.52	263.93	96.04	-11.54	-216.56	-18.74	11.13	6.09	5.02	-5.07	-12.83	-22.72	-3.86
MRBLD1FB164_SIN		0.00	-447.40	157.00	251.34	66.54	-60.28	19.48	19.51	4.68	-3.25	4.60	-20.76	-6.52	13.97	31.65	-8.52

RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-121.64	1.25	-83.70	37.38	169.68	82.15	-29.17	-226.85	0.96	56.15	-12.37	-34.39	-11.86	14.22	52.40	18.57
MRBLD1FB180_SIN		0.00	-309.53	107.45	131.74	28.19	-43.90	17.08	15.07	0.04	-28.00	-8.52	-56.65	-14.93	-25.76	-70.43	4.89
MRBLD1TOR51_COS		-1477.24	122.57	19.79	64.36	-20.81	-34.85	-18.25	-134.03	-9.63	10.02	0.89	0.61	0.10	8.07	28.14	6.27
MRBLD1TOR51_SIN		0.00	-93.25	76.61	61.69	3.39	-1.55	6.75	18.49	4.05	-10.28	-9.97	-15.43	-7.65	-4.61	-3.68	3.55
MRBLD1TOR71_COS		-280.74	144.88	-1.49	39.49	-2.05	-21.26	-4.56	-93.52	-4.17	8.68	-1.25	0.54	-0.88	4.44	16.77	4.54
MRBLD1TOR71_SIN		0.00	-97.46	63.17	27.08	-10.26	-1.99	3.86	30.24	11.21	-5.48	-2.99	-13.40	-5.99	-2.27	-0.31	2.46
MRBLD1TOR130_COS		-22.26	123.97	18.05	15.56	19.41	-13.14	1.40	-80.01	-7.79	-5.23	5.92	-3.74	-0.97	-1.19	-7.21	-2.39
MRBLD1TOR130_SIN		0.00	-76.68	33.96	15.26	-7.27	-4.76	7.09	18.12	5.01	-6.31	1.27	9.16	3.49	1.37	2.41	-1.17
MRBLD1TOR164_COS		-236.80	60.21	46.04	-8.88	-19.27	-23.69	-5.23	-24.89	4.06	1.28	-2.46	-1.60	3.29	2.12	0.71	-3.05
MRBLD1TOR164_SIN		0.00	-17.78	-3.99	-33.90	-18.28	-0.70	-0.15	13.29	5.31	-5.78	-2.18	1.56	0.54	-1.38	1.67	1.69
MRFBM1CB26P5_COS		-3125.83	-867.01	122.50	48.10	-32.84	-10.21	-4.32	-18.42	-1.14	-6.84	4.46	-1.34	-1.60	4.62	9.88	-1.80
MRFBM1CB26P5_SIN		0.00	154.46	55.60	-29.81	-26.53	-13.86	-1.71	-16.67	-6.47	-3.01	-3.08	0.01	-0.69	0.16	3.10	3.89
MRFBM1FB9_COS		428.48	26.67	-10.99	-124.90	52.87	21.77	15.83	28.99	3.62	0.57	-2.95	1.84	-0.78	-2.38	-5.36	0.89
MRFBM1FB9_SIN		0.00	-0.27	-67.52	-158.64	-13.83	-6.14	2.36	25.40	7.63	2.44	1.02	-1.65	-0.72	-1.28	-3.90	-1.38
MRFBM1TOR26P5_COS		-244.74	76.84	0.22	0.24	0.58	-0.20	0.05	-0.57	-0.03	0.63	0.00	0.09	-0.05	0.02	0.02	0.10
MRFBM1TOR26P5_SIN		0.00	-187.20	1.30	-0.49	-0.19	-0.08	-0.11	0.28	0.17	0.13	0.02	-0.38	-0.05	-0.03	-0.12	0.02

RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-487.38	-1463.97	253.08	152.94	-124.57	-101.15	-66.69	-208.75	-3.36	21.69	9.99	-11.87	11.44	31.18	92.23	1.93
MRPC1CB33P25_SIN		0.00	664.19	0.76	78.25	59.23	-28.80	46.15	-72.19	-61.18	-16.94	-35.77	64.43	16.82	-7.35	-3.21	26.50
MRPC1FB33P25_COS		1970.05	265.90	-256.56	563.54	-346.41	-116.34	-197.21	-560.24	-149.69	-119.04	69.48	-6.01	23.77	79.11	215.13	-3.18
MRPC1FB33P25_SIN		0.00	132.12	95.70	360.72	82.44	101.20	53.29	-253.95	-106.56	-83.48	-52.31	43.00	0.92	-18.54	12.71	59.46
MRPC1TOR25P5_COS		-645.23	-76.04	-103.99	-20.16	5.80	37.41	11.73	115.81	4.80	-18.59	5.49	-4.84	-1.78	-4.38	-13.30	-9.56
MRPC1TOR25P5_SIN		0.00	-6.52	-108.98	-68.63	4.88	-4.54	6.37	-33.55	-13.81	3.56	9.28	32.29	11.46	0.94	9.67	2.62
MRPLK1LOAD_COS		-49.38	-10.38	-6.47	-6.24	0.51	5.74	1.42	17.42	1.60	-3.33	0.45	-0.87	0.17	-0.91	-2.86	-1.65
MRPLK1LOAD_SIN		0.00	-13.03	-12.33	-7.98	-0.08	0.47	-0.36	-4.35	-1.34	-0.13	1.38	4.89	1.45	0.64	2.15	-0.14
PITCHRH_COS		6288.54	-9028.28	406.18	-127.14	-31.84	-1448.60	-57.13	7.20	95.48	30.31	-333.28	-19.56	-8.81	108.61	-11.42	449.18
PITCHRH_SIN		0.00	2149.51	-413.84	-30.48	-66.56	1201.27	48.98	109.24	-21.52	-83.50	-151.46	-56.65	44.33	-51.41	-15.74	-84.11
ROLLRH_COS		2118.98	-1936.26	352.94	-11.00	-112.56	-1004.45	51.55	46.37	127.66	53.09	334.11	9.54	-87.48	-67.93	8.63	290.13
ROLLRH_SIN		0.00	-9034.91	463.95	11.19	-35.58	-273.22	-248.55	19.98	46.28	-12.13	-115.16	-18.73	11.17	-75.19	29.03	1106.50
TORQ_COS		63661.56	262.55	35.77	63.29	-49.04	180.24	-1.90	6.64	-12.84	-3.82	4.38	-3.12	7.89	-5.62	-1.40	-0.39
TORQ_SIN		0.00	652.71	-29.31	-55.26	-48.54	130.64	8.52	25.63	-10.86	-8.00	-3.46	8.32	-6.90	4.95	-3.00	-4.44
THRUST_COS		5747.45	-60.22	12.27	8.64	15.07	59.91	2.30	10.25	-0.14	-2.69	-21.38	0.37	4.51	-0.87	-6.36	-14.69
THRUST_SIN		0.00	-44.70	6.62	-16.84	20.46	-66.36	13.36	9.19	3.94	1.56	23.20	6.01	-1.11	0.96	6.20	-36.20

RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.37	58.68	-11.58	-3.36	14.68	40.19	0.36	-1.50	-4.16	-2.27	-17.92	-0.26	2.62	1.80	-0.34	-9.98
SIDERH_SIN		0.00	236.33	-3.21	7.98	-5.85	-53.93	13.72	-0.59	-0.22	0.61	2.75	0.54	-0.71	2.48	-0.93	-31.48
DRAGRH_COS		-130.49	244.77	2.56	-4.71	1.35	-13.33	-5.10	-2.70	-2.61	-4.66	23.35	1.11	-2.16	-3.84	0.07	-17.30
DRAGRH_SIN		0.00	-59.78	21.71	1.87	2.56	-28.72	2.02	-1.29	1.94	5.24	9.57	1.37	-3.11	3.67	2.25	8.26

RUN	POINT	Harmonics															
57	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.63	-1.24	-4.11	-2.96	-1.53	-0.12	0.14	1.09	0.54	-0.04	-0.14	0.15	-0.04	0.11	-0.17	-0.02
ACT1FORCE_SIN		0.00	15.32	0.54	-0.76	0.22	0.04	-0.93	-0.01	0.34	0.08	-0.02	0.22	0.08	0.05	0.14	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.44	-4.10	33.22	29.77	17.42	1.74	2.49	0.01	-0.01	-0.01	0.02	0.01	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-119.97	-2.40	12.11	-1.37	-1.54	13.27	-0.05	-0.04	-0.02	0.00	-0.02	0.00	0.00	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.30	4.26	-33.25	-29.86	-17.48	-1.76	-2.58	-0.01	0.01	0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	120.21	2.52	-12.03	1.43	1.55	-13.30	0.02	0.03	0.02	0.00	0.01	-0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-2847.67	-1865.93	335.89	109.91	-100.14	-152.66	-78.06	-244.39	25.35	85.72	19.83	-32.79	9.46	35.27	108.36	5.48
MRBLD1CB42P75_SIN		0.00	631.30	-6.15	194.80	126.27	-84.73	76.89	-60.15	-66.98	8.52	-35.59	123.60	39.04	-0.87	-4.83	22.84

RUN	POINT	Harmonics															
57	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3444.11	-1294.35	407.23	-29.51	22.63	-143.67	-67.86	-180.63	27.63	81.47	4.01	-12.50	18.00	21.72	75.39	10.64
MRBLD1CB70_SIN		0.00	511.00	-59.84	267.12	284.53	-135.22	92.34	-15.38	-54.49	6.10	-40.78	85.60	21.39	-12.36	-16.57	12.27
MRBLD1CB120_COS		-422.94	-638.07	413.87	1.39	29.22	-37.27	-30.92	-107.73	-48.98	-70.51	14.29	32.89	11.85	-3.56	-11.54	-5.10
MRBLD1CB120_SIN		0.00	470.57	-148.10	179.32	314.94	-124.14	40.60	-4.59	-11.33	-17.36	37.38	-44.45	-14.21	-8.27	3.37	6.14
MRBLD1CB164_COS		-1977.99	-203.91	131.07	14.35	-33.98	-3.50	30.90	34.73	-72.33	-92.34	22.76	31.25	0.69	-6.92	-39.65	-3.35
MRBLD1CB164_SIN		0.00	188.20	-49.02	70.26	125.35	-33.89	2.20	3.62	8.12	-15.71	49.68	-51.34	-13.34	8.52	9.61	-3.42
MRBLD1FB42P75_COS		2778.56	376.87	-211.27	734.29	-402.42	-98.23	-185.40	-661.85	-199.47	-146.19	48.38	28.66	21.85	39.84	122.10	46.79
MRBLD1FB42P75_SIN		0.00	-82.93	178.99	337.72	185.54	185.85	133.77	85.08	-3.73	-0.07	-66.34	40.74	-18.59	-74.55	-166.19	27.04
MRBLD1FB70_COS		485.73	47.32	-77.79	204.46	-122.38	-30.18	-25.43	-95.53	-5.54	10.69	8.97	6.20	1.94	-3.20	-23.99	-8.59
MRBLD1FB70_SIN		0.00	-243.01	89.01	104.81	41.07	28.35	22.26	19.51	1.24	3.04	6.32	6.00	5.57	12.05	32.06	-6.60
MRBLD1FB87_COS		-21.45	79.20	-84.52	91.76	-68.42	-17.72	-2.18	59.15	26.18	21.93	-9.14	-8.57	-6.85	-10.11	-26.09	-9.63
MRBLD1FB87_SIN		0.00	-274.42	77.45	82.69	16.72	6.29	-15.92	-14.88	-4.51	-8.02	7.06	-20.30	0.57	15.99	38.34	-2.24
MRBLD1FB120_COS		-398.38	78.34	-168.76	67.10	4.76	-4.28	26.66	140.25	11.77	-9.62	-9.36	-4.96	2.45	10.47	38.10	13.30
MRBLD1FB120_SIN		0.00	-376.22	121.77	153.74	40.86	6.60	-29.90	-22.52	2.65	0.96	-1.56	8.15	-5.78	-21.58	-53.82	4.55
MRBLD1FB164_COS		-96.63	117.96	-206.58	121.25	269.53	102.73	-14.81	-209.81	-21.43	9.80	3.09	3.09	-7.03	-13.83	-20.86	-3.81
MRBLD1FB164_SIN		0.00	-441.91	152.90	253.56	75.29	-68.44	21.81	36.38	6.42	-2.76	2.04	-22.11	-6.41	14.46	33.13	-7.96

RUN	POINT	Harmonics															
57	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.23	1.57	-93.53	40.99	174.30	84.17	-33.57	-219.79	-0.45	53.51	-27.05	-38.57	-12.78	13.99	49.98	17.83
MRBLD1FB180_SIN		0.00	-303.33	104.89	131.15	33.14	-45.76	16.95	31.25	2.59	-26.76	-17.51	-60.30	-14.54	-25.76	-74.66	2.29
MRBLD1TOR51_COS		-1476.93	120.83	17.61	64.92	-20.96	-37.86	-22.05	-130.92	-8.54	10.21	-0.84	0.01	0.08	8.42	29.06	6.70
MRBLD1TOR51_SIN		0.00	-92.16	74.93	65.87	3.15	0.67	10.76	27.75	4.79	-9.80	-12.12	-16.31	-7.44	-4.27	-4.59	2.64
MRBLD1TOR71_COS		-280.80	144.72	-2.96	39.99	-0.95	-22.92	-8.06	-91.05	-3.04	8.44	-3.33	0.01	-0.79	4.60	17.23	4.79
MRBLD1TOR71_SIN		0.00	-96.40	62.08	29.39	-9.85	-0.20	7.80	36.38	11.82	-5.18	-6.00	-14.83	-6.14	-2.00	-0.88	1.78
MRBLD1TOR130_COS		-22.07	123.62	17.21	15.69	21.47	-13.32	-0.84	-77.75	-7.15	-4.62	5.44	-4.61	-0.63	-1.06	-7.86	-2.63
MRBLD1TOR130_SIN		0.00	-75.91	33.34	15.46	-6.58	-3.72	10.01	23.57	5.18	-5.97	2.74	9.69	3.40	1.34	2.53	-0.86
MRBLD1TOR164_COS		-236.93	59.37	47.07	-10.02	-18.92	-25.90	-5.86	-23.68	4.79	0.79	-3.11	-1.50	3.32	1.89	0.23	-2.76
MRBLD1TOR164_SIN		0.00	-17.98	-3.11	-34.73	-19.40	0.48	1.24	15.44	5.54	-5.98	-2.69	1.90	0.34	-1.82	1.16	2.24
MRFBM1CB26P5_COS		-3119.70	-930.90	120.75	49.64	-32.22	-9.16	-5.07	-20.24	-2.39	-6.52	4.90	-2.12	-2.13	4.30	10.47	-1.60
MRFBM1CB26P5_SIN		0.00	121.54	53.74	-29.13	-27.70	-10.29	-3.07	-15.27	-6.67	-2.98	0.74	0.12	-0.53	0.48	2.74	4.24
MRFBM1FB9_COS		426.34	74.33	-7.52	-124.22	56.01	24.38	15.87	29.52	3.81	0.43	-2.93	2.24	-0.70	-2.46	-5.65	0.74
MRFBM1FB9_SIN		0.00	-4.50	-64.89	-169.55	-12.37	-6.94	2.64	22.76	7.56	2.25	-0.08	-2.13	-0.84	-1.29	-3.78	-1.34
MRFBM1TOR26P5_COS		-244.61	77.13	0.27	0.22	0.57	-0.24	0.00	-0.56	-0.04	0.62	0.01	0.11	-0.06	0.02	0.05	0.10
MRFBM1TOR26P5_SIN		0.00	-186.95	1.33	-0.47	-0.17	-0.08	-0.06	0.36	0.17	0.12	-0.05	-0.41	-0.05	-0.03	-0.11	0.00

RUN	POINT	Harmonics															
57	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-487.59	-1553.11	245.29	152.46	-133.26	-107.47	-65.59	-207.61	-8.15	23.84	17.72	-12.91	12.37	32.95	92.75	3.72
MRPC1CB33P25_SIN		0.00	634.31	-10.12	87.52	52.18	-22.95	42.67	-54.78	-61.86	-18.60	-20.86	75.70	20.11	-7.57	-8.01	26.37
MRPC1FB33P25_COS		1968.29	293.47	-259.95	569.15	-365.54	-132.61	-201.48	-554.91	-152.29	-110.34	76.71	-9.92	23.15	79.78	217.75	1.25
MRPC1FB33P25_SIN		0.00	136.96	94.96	400.08	72.28	114.65	47.93	-210.71	-105.32	-78.87	-22.66	54.06	3.86	-18.82	5.17	60.03
MRPC1TOR25P5_COS		-644.94	-73.93	-101.22	-21.71	4.79	39.71	16.54	113.03	4.12	-18.26	8.26	-4.78	-1.47	-4.42	-14.59	-9.47
MRPC1TOR25P5_SIN		0.00	-8.17	-105.73	-71.30	4.46	-7.09	1.87	-41.65	-14.70	3.58	14.57	35.26	11.42	0.41	10.14	4.13
MRPLK1LOAD_COS		-49.26	-10.35	-6.12	-6.37	0.48	6.11	2.07	17.00	1.54	-3.27	0.70	-0.95	0.31	-0.87	-3.15	-1.64
MRPLK1LOAD_SIN		0.00	-13.29	-12.13	-8.38	-0.14	0.20	-0.96	-5.58	-1.44	-0.12	2.09	5.27	1.44	0.62	2.24	0.11
PITCHRH_COS		5451.43	-8972.99	417.24	-105.90	-22.51	-1529.68	-42.24	1.06	100.47	13.39	-331.20	1.76	-5.71	111.52	-8.57	473.53
PITCHRH_SIN		0.00	2070.63	-402.91	-34.65	-35.39	1190.21	127.84	90.88	32.69	-94.28	-130.69	-53.03	56.93	-22.40	-24.41	-147.25
ROLLRH_COS		2143.30	-1869.01	374.36	-22.96	-102.96	-1018.09	0.99	-2.65	111.98	55.03	358.93	13.71	-81.91	-36.48	-20.52	344.20
ROLLRH_SIN		0.00	-8993.14	474.18	30.19	-54.37	-358.03	-231.14	16.97	28.61	-12.88	-91.10	1.42	32.51	-99.44	14.38	1154.08
TORQ_COS		63725.72	273.47	31.26	67.91	-49.74	190.67	-0.02	11.45	-9.31	-3.32	-0.45	-0.59	7.80	-3.66	-0.97	-1.23
TORQ_SIN		0.00	657.00	-29.93	-44.27	-32.96	123.90	7.90	20.07	-10.78	-8.54	-18.75	8.67	-5.92	2.70	-3.33	-4.04
THRUST_COS		5736.91	-65.06	13.48	11.90	14.64	68.69	3.33	10.06	-2.13	-2.60	-27.21	0.70	3.86	0.06	-3.33	-16.64
THRUST_SIN		0.00	-42.11	7.10	-17.74	19.06	-72.49	11.64	6.20	3.07	1.48	14.08	6.39	-1.71	0.76	6.93	-36.94

RUN	POINT	Harmonics															
57	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.20	54.88	-10.97	-5.59	9.64	46.51	4.90	-1.64	-4.05	-1.96	-19.06	-0.45	2.49	0.76	0.50	-11.67
SIDERH_SIN		0.00	233.59	-3.22	6.91	1.20	-46.79	13.06	-1.05	-0.50	0.43	2.13	-0.53	-1.56	2.97	-0.50	-32.85
DRAGRH_COS		-136.95	243.27	2.81	-3.95	2.73	-18.03	-0.10	-2.56	-4.47	-3.86	24.40	0.65	-3.05	-4.95	0.07	-18.42
DRAGRH_SIN		0.00	-56.20	21.00	0.30	2.75	-34.91	-10.53	2.16	2.47	6.35	8.39	1.74	-2.70	3.10	2.65	11.43

RUN	POINT	Harmonics															
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.79	-1.24	-3.97	-2.99	-1.40	-0.08	0.08	1.15	0.48	-0.03	-0.19	0.12	-0.03	0.10	-0.16	-0.01
ACT1FORCE_SIN		0.00	15.21	0.51	-0.77	0.25	0.02	-0.96	0.02	0.34	0.10	-0.07	0.21	0.04	0.05	0.14	-0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.62	-3.76	32.81	29.87	17.28	1.79	2.75	0.01	-0.02	-0.01	0.03	0.01	0.01	0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-118.95	-2.49	12.16	-1.57	-1.80	13.05	-0.04	-0.04	-0.03	-0.01	-0.02	0.00	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.12	3.92	-32.84	-29.96	-17.34	-1.82	-2.84	-0.01	0.03	0.02	-0.01	-0.01	-0.01	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	119.19	2.60	-12.08	1.62	1.81	-13.08	0.00	0.03	0.02	0.01	0.01	0.00	0.00	-0.01	-0.01
MRBLD1CB42P75_COS		-2849.81	-1798.05	328.11	108.56	-100.05	-155.12	-82.51	-245.20	30.82	81.86	9.09	-31.58	10.53	34.22	116.64	5.79
MRBLD1CB42P75_SIN		0.00	648.91	-0.01	186.90	149.01	-76.29	75.42	-74.61	-65.45	13.93	-52.66	112.05	35.62	-2.26	3.36	27.18

RUN	POINT	Harmonics															
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3438.75	-1248.78	401.89	-30.43	20.39	-163.70	-70.00	-184.28	30.88	79.28	2.64	-14.80	18.78	18.81	82.09	10.47
MRBLD1CB70_SIN		0.00	526.91	-59.23	262.53	313.75	-107.74	92.89	-28.34	-53.53	10.81	-50.81	75.13	19.23	-14.29	-12.27	15.86
MRBLD1CB120_COS		-428.08	-621.70	403.77	-0.87	32.95	-67.43	-27.24	-108.72	-50.66	-71.39	19.06	31.41	11.44	-2.24	-11.72	-6.43
MRBLD1CB120_SIN		0.00	479.55	-148.85	181.08	344.43	-92.88	48.40	-19.03	-13.92	-25.00	45.70	-40.56	-12.20	-9.32	2.19	5.97
MRBLD1CB164_COS		-1978.84	-199.66	126.66	15.59	-30.34	-19.65	32.97	35.77	-74.51	-92.62	22.87	33.00	1.15	-3.84	-42.57	-1.79
MRBLD1CB164_SIN		0.00	190.46	-49.43	69.75	136.71	-20.54	7.11	2.73	4.28	-25.02	56.93	-44.59	-11.97	9.10	6.38	-6.26
MRBLD1FB42P75_COS		2783.62	358.13	-221.00	719.48	-363.73	-84.76	-180.83	-676.15	-204.28	-162.06	24.53	26.50	20.34	39.46	141.30	51.09
MRBLD1FB42P75_SIN		0.00	-82.58	184.22	322.72	204.80	156.48	130.77	32.80	-11.75	-6.09	-69.78	30.55	-22.90	-78.72	-168.88	34.60
MRBLD1FB70_COS		487.35	45.80	-83.25	199.67	-112.32	-27.67	-25.38	-98.35	-5.77	10.25	8.65	6.19	2.13	-3.48	-27.88	-9.34
MRBLD1FB70_SIN		0.00	-241.49	91.95	100.05	49.64	23.92	23.01	12.20	1.25	3.82	6.55	6.57	6.27	12.91	32.43	-8.36
MRBLD1FB87_COS		-20.03	78.88	-85.90	90.94	-64.09	-16.80	-2.70	60.05	26.57	24.65	-3.69	-7.86	-6.53	-10.28	-30.87	-11.20
MRBLD1FB87_SIN		0.00	-274.61	78.59	79.04	19.55	5.17	-15.82	-10.64	-4.10	-7.65	7.47	-18.45	0.95	16.32	38.35	-4.11
MRBLD1FB120_COS		-396.75	79.03	-166.32	67.18	6.08	-4.61	25.53	145.16	11.30	-9.29	-10.85	-5.82	1.63	10.23	44.62	14.99
MRBLD1FB120_SIN		0.00	-378.09	123.08	147.76	36.34	8.30	-31.70	-12.37	2.33	0.25	-2.22	6.99	-6.49	-22.29	-53.18	7.81
MRBLD1FB164_COS		-97.41	117.14	-201.66	117.09	262.35	100.60	-10.56	-213.97	-20.22	10.36	6.15	4.96	-5.84	-13.06	-25.23	-4.68
MRBLD1FB164_SIN		0.00	-448.55	157.05	253.03	61.35	-61.98	22.29	18.71	6.32	-3.18	2.49	-21.18	-7.35	13.82	32.56	-9.35

RUN	POINT	Harmonics															
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.58	1.79	-89.48	39.23	169.40	85.61	-29.12	-225.40	1.07	57.62	-12.31	-35.83	-13.04	14.24	57.50	20.32
MRBLD1FB180_SIN		0.00	-309.47	107.20	132.46	24.98	-43.13	17.72	14.92	2.21	-26.99	-18.50	-60.30	-16.24	-26.88	-73.29	7.15
MRBLD1TOR51_COS		-1476.59	121.81	15.97	63.97	-20.52	-38.32	-20.18	-134.03	-9.89	10.15	1.93	0.69	0.29	8.39	29.82	6.32
MRBLD1TOR51_SIN		0.00	-92.41	76.02	64.10	4.16	-1.26	8.11	18.64	3.91	-10.00	-12.00	-16.54	-8.21	-4.92	-3.31	4.23
MRBLD1TOR71_COS		-280.33	144.38	-4.62	39.25	-1.89	-23.99	-6.43	-94.23	-4.46	8.58	-0.44	0.35	-0.91	4.51	17.52	4.34
MRBLD1TOR71_SIN		0.00	-96.65	62.76	28.48	-10.53	-1.75	5.35	30.36	11.47	-4.96	-4.93	-14.34	-6.35	-2.26	0.23	2.93
MRBLD1TOR130_COS		-21.79	123.44	15.98	15.49	19.39	-15.22	0.37	-80.25	-8.09	-5.52	5.04	-4.16	-1.05	-1.20	-7.71	-2.36
MRBLD1TOR130_SIN		0.00	-76.15	33.55	15.62	-8.39	-4.50	8.30	18.13	4.93	-6.65	1.53	9.23	3.39	1.20	2.52	-1.53
MRBLD1TOR164_COS		-236.89	59.58	46.41	-9.41	-19.45	-25.77	-5.98	-25.20	4.28	1.17	-2.33	-1.82	3.33	2.24	0.95	-3.06
MRBLD1TOR164_SIN		0.00	-17.30	-4.12	-34.24	-17.63	-1.03	-0.01	13.73	5.26	-5.84	-2.87	1.34	0.56	-1.79	1.89	1.93
MRFBM1CB26P5_COS		-3123.37	-891.70	116.57	49.17	-32.58	-5.74	-5.42	-19.36	-1.42	-6.96	2.34	-1.24	-2.12	5.12	10.71	-2.00
MRFBM1CB26P5_SIN		0.00	135.16	55.19	-30.22	-28.73	-13.64	-3.47	-16.13	-6.59	-3.33	-1.00	0.37	-0.72	0.59	3.66	4.33
MRFBM1FB9_COS		429.09	45.04	-1.06	-123.11	52.49	22.48	16.04	28.29	3.63	0.56	-2.79	1.89	-0.85	-2.49	-5.80	1.02
MRFBM1FB9_SIN		0.00	1.17	-68.06	-164.51	-16.59	-6.49	2.90	25.10	7.97	2.69	0.96	-1.82	-0.73	-1.19	-4.44	-1.64
MRFBM1TOR26P5_COS		-244.73	76.99	0.22	0.22	0.53	-0.26	-0.01	-0.58	-0.03	0.64	0.04	0.11	-0.05	0.01	0.02	0.11
MRFBM1TOR26P5_SIN		0.00	-187.11	1.30	-0.47	-0.18	-0.06	-0.10	0.31	0.18	0.15	-0.01	-0.40	-0.05	-0.02	-0.15	0.01

RUN	POINT	Harmonics															
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-484.22	-1499.30	239.23	150.98	-128.40	-104.17	-68.20	-206.19	-3.94	20.78	6.96	-11.31	12.95	33.31	99.95	3.14
MRPC1CB33P25_SIN		0.00	643.85	-2.33	80.69	65.03	-26.18	42.61	-67.77	-62.32	-17.64	-32.02	67.82	17.89	-8.85	-1.07	30.10
MRPC1FB33P25_COS		1972.23	279.14	-267.85	560.93	-337.32	-113.55	-196.21	-545.67	-152.81	-120.18	60.47	-4.65	24.80	82.42	231.48	-3.34
MRPC1FB33P25_SIN		0.00	136.05	97.63	383.74	97.79	95.24	46.75	-255.81	-112.86	-91.32	-40.21	45.12	0.03	-22.16	19.50	68.73
MRPC1TOR25P5_COS		-645.59	-74.22	-99.49	-19.63	5.58	40.61	14.53	116.93	5.37	-19.42	3.10	-5.32	-2.17	-4.32	-14.11	-10.16
MRPC1TOR25P5_SIN		0.00	-7.85	-108.20	-70.48	4.95	-5.36	4.04	-33.99	-14.11	2.97	11.97	34.04	11.89	0.69	10.94	2.74
MRPLK1LOAD_COS		-49.34	-10.25	-5.88	-6.15	0.45	6.21	1.82	17.51	1.65	-3.42	0.06	-1.03	0.13	-0.87	-3.08	-1.76
MRPLK1LOAD_SIN		0.00	-13.09	-12.35	-8.28	-0.17	0.40	-0.65	-4.41	-1.39	-0.24	1.73	5.10	1.53	0.62	2.44	-0.16
PITCHRH_COS		5951.49	-8974.08	434.10	-114.33	-14.91	-1336.19	51.29	-1.65	98.86	17.41	-342.25	-21.07	-14.91	127.98	-4.76	502.07
PITCHRH_SIN		0.00	2069.15	-411.82	-15.43	-82.08	1190.79	69.20	102.69	-21.55	-88.23	-156.33	-49.03	53.90	-45.71	-10.19	-68.65
ROLLRH_COS		2084.07	-1847.66	371.11	7.53	-68.25	-1076.57	-23.23	21.76	109.99	61.08	342.64	22.17	-96.40	-28.83	0.80	312.61
ROLLRH_SIN		0.00	-8957.87	479.35	18.06	-55.55	-174.10	-197.05	21.87	41.35	-24.45	-101.52	-38.29	25.32	-112.44	13.63	1174.65
TORQ_COS		63765.60	265.25	32.77	69.35	-48.97	185.66	-0.25	7.47	-16.11	-3.20	11.16	-2.84	9.84	-7.10	-0.52	-1.27
TORQ_SIN		0.00	654.93	-33.63	-52.63	-52.12	121.37	5.84	22.29	-9.69	-8.66	-13.47	6.72	-6.71	3.39	-3.32	-3.89
THRUST_COS		5744.39	-62.04	12.83	9.85	14.69	60.96	3.99	9.13	0.13	-3.13	-20.29	-0.68	5.02	-1.45	-4.43	-15.13
THRUST_SIN		0.00	-40.87	6.43	-16.85	23.45	-66.00	11.52	9.15	5.86	1.95	14.55	4.51	-1.34	0.69	5.76	-39.98

RUN	POINT	Harmonics															
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.14	57.03	-11.03	-4.63	6.54	38.61	8.43	-2.64	-4.32	-2.76	-18.34	-0.74	2.91	0.53	-0.23	-10.71
SIDERH_SIN		0.00	233.42	-3.55	8.46	-2.84	-60.18	12.54	-0.39	-0.04	1.25	2.08	1.60	-1.16	3.58	-0.32	-33.34
DRAGRH_COS		-132.09	243.92	2.18	-5.43	1.08	-2.46	-10.80	-1.26	-1.99	-3.44	24.01	2.68	-2.24	-5.05	0.03	-19.71
DRAGRH_SIN		0.00	-56.89	20.63	0.49	0.56	-23.61	-22.06	4.17	4.73	7.08	10.92	0.87	-2.91	4.79	2.49	8.23

RUN	POINT	Harmonics															
57	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.72	-1.17	-3.81	-3.05	-1.38	-0.15	0.09	1.09	0.50	-0.07	-0.16	0.12	-0.02	0.10	-0.13	-0.01
ACT1FORCE_SIN		0.00	15.13	0.61	-0.70	0.31	0.04	-0.93	0.02	0.33	0.09	-0.06	0.24	0.04	0.05	0.16	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.50	-3.77	31.73	30.08	17.06	1.75	2.74	0.01	0.00	-0.01	0.03	0.00	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-118.45	-2.98	12.22	-1.81	-1.35	13.18	-0.04	-0.03	-0.01	0.00	-0.02	0.01	0.02	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.24	3.92	-31.75	-30.17	-17.12	-1.77	-2.83	-0.01	0.01	0.02	-0.02	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	118.69	3.10	-12.14	1.87	1.36	-13.21	0.00	0.02	0.00	0.00	0.01	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-2835.42	-1678.08	326.38	105.68	-103.40	-140.19	-84.64	-240.71	31.52	85.61	11.07	-26.90	9.58	34.17	108.16	5.81
MRBLD1CB42P75_SIN		0.00	686.51	0.70	187.62	144.94	-69.95	72.17	-63.57	-57.78	12.69	-58.75	114.53	34.54	-0.17	-0.85	26.94

RUN	POINT	Harmonics															
57	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3441.45	-1168.44	397.17	-35.80	10.83	-124.82	-71.80	-181.93	29.59	82.17	3.15	-10.75	16.69	19.45	76.64	11.51
MRBLD1CB70_SIN		0.00	550.79	-58.06	260.80	313.08	-86.80	90.26	-31.22	-50.01	8.72	-52.52	77.50	17.23	-13.94	-15.39	15.19
MRBLD1CB120_COS		-436.46	-586.96	397.69	-7.38	25.36	-24.11	-30.80	-106.23	-52.46	-74.50	15.48	26.91	10.26	-3.39	-11.21	-6.32
MRBLD1CB120_SIN		0.00	487.56	-147.48	180.24	352.21	-67.72	48.11	-39.04	-20.48	-24.31	47.45	-43.01	-13.10	-9.97	1.44	5.02
MRBLD1CB164_COS		-1980.69	-191.43	125.24	12.09	-32.69	-1.80	30.31	36.19	-73.99	-95.46	19.95	28.36	0.38	-5.81	-41.44	-3.93
MRBLD1CB164_SIN		0.00	191.69	-48.05	71.65	141.78	-8.12	9.23	-9.85	-0.83	-23.23	56.60	-47.26	-10.76	9.21	8.52	-5.46
MRBLD1FB42P75_COS		2776.83	328.53	-224.69	702.80	-345.76	-93.47	-187.49	-663.70	-200.60	-159.34	16.64	23.92	18.93	40.42	123.53	49.73
MRBLD1FB42P75_SIN		0.00	-81.20	178.51	338.84	227.35	158.37	132.53	40.21	-10.12	1.30	-72.92	33.76	-20.52	-72.83	-163.12	31.95
MRBLD1FB70_COS		489.89	45.84	-83.41	194.86	-106.52	-27.11	-26.49	-95.72	-4.94	10.73	8.69	6.33	2.14	-3.32	-24.04	-9.41
MRBLD1FB70_SIN		0.00	-236.33	90.05	104.87	55.83	23.38	22.22	12.36	0.82	3.16	5.93	5.87	5.54	11.89	31.54	-7.47
MRBLD1FB87_COS		-16.90	77.07	-85.76	87.62	-60.99	-16.70	-2.09	58.96	26.22	24.18	-1.95	-7.63	-6.11	-10.38	-26.66	-10.35
MRBLD1FB87_SIN		0.00	-270.41	77.86	82.55	22.60	5.71	-15.42	-10.81	-3.91	-7.92	9.37	-18.26	0.97	15.35	37.10	-3.64
MRBLD1FB120_COS		-391.55	76.27	-164.73	62.25	3.79	-5.44	26.06	140.43	10.05	-9.69	-11.14	-5.79	1.42	10.73	38.83	14.28
MRBLD1FB120_SIN		0.00	-374.17	122.87	152.40	34.78	9.81	-29.87	-12.01	3.13	0.44	-2.50	7.24	-6.38	-21.01	-51.76	6.61
MRBLD1FB164_COS		-96.25	112.24	-203.44	108.52	251.45	98.55	-11.39	-205.90	-18.89	10.90	6.43	4.09	-5.16	-13.69	-22.24	-4.57
MRBLD1FB164_SIN		0.00	-445.13	154.81	256.14	52.77	-62.52	19.86	19.90	5.73	-2.72	3.54	-21.11	-6.84	13.92	31.85	-8.96

RUN	POINT	Harmonics															
57	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-121.24	-1.36	-91.00	35.15	162.11	84.31	-30.03	-217.04	1.76	57.01	-10.83	-37.44	-13.56	13.27	50.43	19.16
MRBLD1FB180_SIN		0.00	-308.54	105.89	133.73	20.33	-43.79	16.23	15.92	1.84	-26.36	-11.40	-57.42	-14.21	-24.83	-71.43	6.09
MRBLD1TOR51_COS		-1477.47	123.24	15.82	62.22	-19.94	-35.24	-20.81	-130.39	-9.84	9.59	1.24	-0.20	-0.63	7.39	27.92	5.80
MRBLD1TOR51_SIN		0.00	-92.39	74.25	64.76	7.22	0.01	8.95	20.83	3.70	-10.14	-10.44	-15.58	-7.35	-4.50	-4.01	3.85
MRBLD1TOR71_COS		-280.53	144.26	-4.30	38.69	-1.45	-21.62	-6.44	-91.23	-4.27	8.30	-0.63	-0.15	-1.41	3.92	16.65	4.21
MRBLD1TOR71_SIN		0.00	-96.48	61.15	28.85	-8.50	-1.00	6.17	31.81	10.68	-5.39	-3.35	-13.73	-5.69	-2.20	-0.53	2.72
MRBLD1TOR130_COS		-22.14	123.78	15.67	16.06	19.35	-13.40	0.29	-77.48	-7.74	-5.60	5.40	-3.95	-0.78	-0.92	-7.17	-2.11
MRBLD1TOR130_SIN		0.00	-75.93	32.27	15.34	-7.86	-3.94	8.91	19.51	4.42	-6.66	1.25	9.25	3.21	1.20	2.43	-1.21
MRBLD1TOR164_COS		-236.99	60.11	46.08	-7.75	-18.10	-24.93	-6.30	-24.55	4.45	0.79	-2.58	-1.96	3.50	2.49	0.49	-2.87
MRBLD1TOR164_SIN		0.00	-17.27	-4.36	-35.04	-15.57	-0.21	0.19	13.79	5.03	-6.01	-2.44	1.09	0.05	-1.70	1.32	1.75
MRFBM1CB26P5_COS		-3115.98	-826.15	113.75	50.68	-31.77	-10.74	-5.47	-18.96	-1.24	-6.83	2.64	-1.63	-1.84	4.82	10.02	-1.86
MRFBM1CB26P5_SIN		0.00	163.60	52.88	-30.02	-32.62	-17.33	-3.92	-11.28	-5.52	-2.87	-1.80	0.40	-0.25	0.97	3.14	4.30
MRFBM1FB9_COS		413.79	6.68	4.32	-117.31	51.92	21.73	16.76	27.78	3.68	0.66	-2.79	2.00	-0.75	-2.37	-5.50	0.99
MRFBM1FB9_SIN		0.00	9.24	-63.69	-166.66	-20.12	-6.71	3.22	24.62	7.76	2.50	1.19	-1.87	-0.68	-1.31	-3.87	-1.59
MRFBM1TOR26P5_COS		-244.78	77.01	0.24	0.23	0.53	-0.16	-0.05	-0.54	-0.04	0.64	0.03	0.09	-0.06	0.00	0.01	0.09
MRFBM1TOR26P5_SIN		0.00	-187.23	1.29	-0.44	-0.16	-0.06	-0.10	0.29	0.18	0.14	0.00	-0.38	-0.05	-0.02	-0.12	0.00

RUN	POINT	Harmonics															
57	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-469.63	-1402.20	239.77	150.24	-128.38	-103.47	-70.62	-201.41	-2.27	22.22	7.73	-9.41	12.47	33.08	93.09	3.87
MRPC1CB33P25_SIN		0.00	669.90	-1.09	82.70	60.81	-26.94	41.87	-58.22	-56.97	-16.91	-36.52	69.08	17.76	-6.20	-4.39	29.54
MRPC1FB33P25_COS		1966.68	252.73	-270.70	544.29	-327.86	-121.15	-202.36	-538.58	-150.51	-121.17	56.96	-8.26	22.48	79.15	215.83	-1.31
MRPC1FB33P25_SIN		0.00	135.22	91.56	395.65	120.49	95.16	45.64	-246.76	-111.03	-84.68	-47.14	45.68	0.53	-17.53	8.48	65.62
MRPC1TOR25P5_COS		-644.26	-75.60	-98.17	-18.55	4.84	38.48	14.56	113.00	5.46	-18.38	4.31	-3.61	-0.73	-3.08	-12.81	-8.35
MRPC1TOR25P5_SIN		0.00	-7.49	-107.86	-70.17	2.50	-5.51	3.25	-35.54	-13.75	3.34	9.52	33.01	11.21	0.63	9.79	3.18
MRPLK1LOAD_COS		-49.10	-10.17	-5.90	-6.04	0.32	5.80	1.93	16.98	1.67	-3.33	0.28	-0.75	0.36	-0.67	-2.77	-1.44
MRPLK1LOAD_SIN		0.00	-12.79	-12.14	-8.37	-0.52	0.32	-0.77	-4.63	-1.41	-0.15	1.42	4.91	1.39	0.61	2.18	-0.02
PITCHRH_COS		6617.81	-8954.46	407.63	-140.62	-21.88	-1278.29	49.85	11.38	135.54	6.81	-309.59	-12.48	-11.30	128.30	-3.84	440.82
PITCHRH_SIN		0.00	2046.37	-391.83	2.62	-64.45	1140.96	-29.87	106.73	-31.93	-66.93	-142.52	-55.61	51.45	-49.67	-18.21	-98.74
ROLLRH_COS		2002.65	-1830.92	311.74	6.31	-71.48	-1091.04	68.18	-15.49	137.22	51.11	327.71	15.07	-84.03	-33.68	11.98	323.57
ROLLRH_SIN		0.00	-8994.82	471.93	53.91	-28.29	-91.45	-151.88	14.67	73.19	-29.08	-84.93	-26.89	29.40	-83.53	4.15	1077.81
TORQ_COS		63885.64	259.90	34.49	72.92	-51.19	179.28	0.00	10.67	-16.85	-3.37	10.46	-1.44	7.79	-6.01	-0.63	-1.34
TORQ_SIN		0.00	650.83	-28.46	-55.21	-27.29	122.28	8.16	0.46	-16.13	-7.58	-10.43	8.48	-6.89	3.28	-4.71	-4.31
THRUST_COS		5699.71	-59.77	11.14	11.05	16.06	58.88	1.93	4.19	-1.51	-1.50	-20.25	1.80	4.41	-1.66	-5.68	-14.69
THRUST_SIN		0.00	-43.93	7.23	-21.16	18.29	-66.82	9.18	2.10	6.77	2.07	15.25	4.36	-1.11	0.57	6.21	-36.90

RUN	POINT	Harmonics															
57	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.91	56.76	-7.93	-5.36	3.45	36.23	2.05	-1.55	-5.37	-2.18	-17.76	-0.64	2.47	0.84	-0.46	-11.06
SIDERH_SIN		0.00	235.97	-2.99	11.19	0.15	-70.77	7.12	0.40	-0.39	1.47	1.43	0.96	-1.27	2.84	-0.05	-30.52
DRAGRH_COS		-128.14	242.62	1.16	-7.89	0.21	6.10	-26.97	3.17	-0.83	-2.59	22.33	2.32	-1.87	-4.86	0.11	-16.56
DRAGRH_SIN		0.00	-56.79	22.00	0.85	4.81	-13.39	-2.97	1.31	5.23	5.56	9.94	2.29	-2.54	3.92	2.49	8.97

RUN	POINT	Harmonics															
57	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.70	-1.21	-4.03	-2.98	-1.34	-0.02	0.10	1.18	0.47	-0.03	-0.15	0.11	-0.02	0.09	-0.12	0.02
ACT1FORCE_SIN		0.00	15.15	0.52	-0.80	0.24	-0.02	-0.87	0.00	0.29	0.09	-0.03	0.23	0.05	0.03	0.14	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.77	-4.08	31.82	29.99	16.04	1.17	2.59	0.01	-0.01	-0.01	0.02	0.01	0.01	0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-118.80	-2.37	12.21	-1.95	-1.85	12.55	-0.04	-0.04	-0.02	0.00	-0.01	0.00	0.02	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.97	4.24	-31.85	-30.08	-16.09	-1.18	-2.68	-0.01	0.02	0.01	-0.02	-0.01	-0.01	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	119.04	2.50	-12.14	2.00	1.86	-12.58	0.01	0.02	0.02	0.01	0.01	0.00	-0.02	-0.01	0.00
MRBLD1CB42P75_COS		-2843.72	-1739.47	340.93	107.72	-106.55	-154.41	-83.01	-242.20	32.56	81.52	12.94	-43.47	5.57	32.35	101.83	-3.22
MRBLD1CB42P75_SIN		0.00	696.19	0.99	201.91	145.85	-78.71	69.23	-68.70	-61.05	16.34	-16.02	103.32	31.25	0.90	11.45	19.54

RUN	POINT	Harmonics															
57	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3440.77	-1214.95	405.27	-35.78	15.54	-169.30	-69.00	-189.34	31.24	76.55	4.75	-21.01	13.06	18.36	71.33	1.68
MRBLD1CB70_SIN		0.00	554.42	-57.38	278.81	312.63	-113.74	84.71	-21.26	-47.61	12.23	-19.90	72.53	18.54	-7.02	-5.01	12.06
MRBLD1CB120_COS		-421.98	-605.23	406.86	0.05	39.42	-74.52	-23.38	-118.55	-50.54	-69.41	16.77	36.59	11.65	-2.11	-11.85	-7.26
MRBLD1CB120_SIN		0.00	482.15	-148.02	197.90	340.94	-100.32	42.47	-13.95	-8.98	-22.41	26.23	-37.04	-10.85	-8.60	1.39	4.09
MRBLD1CB164_COS		-1976.15	-196.14	127.02	17.66	-26.27	-23.67	34.82	30.04	-74.06	-89.53	22.05	36.17	3.74	-3.40	-36.18	3.12
MRBLD1CB164_SIN		0.00	188.86	-48.88	76.54	134.46	-23.98	7.22	2.61	7.85	-21.30	33.12	-42.68	-11.66	4.70	2.38	-2.69
MRBLD1FB42P75_COS		2777.25	341.97	-215.35	741.65	-347.38	-80.92	-184.63	-662.51	-186.35	-141.92	34.65	17.09	20.70	45.35	141.73	29.78
MRBLD1FB42P75_SIN		0.00	-89.18	181.49	352.73	193.83	154.96	135.48	55.70	0.58	6.25	-54.39	35.63	-19.61	-70.02	-132.24	40.55
MRBLD1FB70_COS		487.43	49.07	-78.94	208.43	-106.30	-26.14	-25.86	-95.98	-4.09	10.73	8.98	5.53	1.34	-4.42	-27.23	-4.65
MRBLD1FB70_SIN		0.00	-240.54	90.64	109.33	45.07	21.88	22.68	15.15	1.71	3.56	6.70	5.95	5.31	11.04	25.22	-9.72
MRBLD1FB87_COS		-19.16	81.48	-83.83	95.88	-60.87	-15.96	-2.57	58.69	23.82	20.91	-6.64	-5.08	-6.36	-11.81	-31.10	-7.06
MRBLD1FB87_SIN		0.00	-273.34	77.53	82.58	16.12	3.64	-16.69	-13.53	-6.56	-10.32	3.10	-19.01	0.75	14.80	30.88	-4.90
MRBLD1FB120_COS		-397.68	77.37	-168.57	67.79	1.95	-5.27	27.34	142.87	10.69	-7.81	-8.31	-5.30	3.65	13.41	45.42	9.39
MRBLD1FB120_SIN		0.00	-372.89	123.84	152.71	38.91	9.53	-28.73	-14.34	3.46	2.76	0.72	8.24	-5.25	-19.66	-42.32	8.78
MRBLD1FB164_COS		-99.59	116.31	-202.10	115.61	249.96	95.71	-13.02	-211.13	-20.25	8.65	2.88	6.32	-5.34	-13.98	-24.37	-1.44
MRBLD1FB164_SIN		0.00	-442.61	155.00	262.48	71.86	-58.94	20.49	21.49	6.24	-5.85	-0.90	-21.17	-6.84	13.63	27.06	-9.35

RUN	POINT	Harmonics															
57	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-122.11	1.48	-89.57	37.66	162.47	81.40	-31.28	-221.60	-0.42	51.66	-18.02	-26.00	-6.94	18.95	59.33	13.98
MRBLD1FB180_SIN		0.00	-307.11	105.56	138.07	30.57	-41.74	15.55	17.62	-0.30	-30.75	-24.78	-58.36	-14.50	-23.95	-60.47	8.12
MRBLD1TOR51_COS		-1477.19	123.55	17.58	64.54	-20.18	-39.08	-21.55	-130.51	-8.88	10.16	2.13	2.00	0.80	8.78	27.50	4.90
MRBLD1TOR51_SIN		0.00	-92.29	76.43	68.37	3.57	-2.43	7.56	20.38	3.63	-10.12	-12.04	-14.60	-6.68	-3.04	0.55	3.29
MRBLD1TOR71_COS		-280.81	145.44	-3.16	39.76	-1.79	-24.62	-7.32	-90.99	-3.95	8.40	-0.32	2.18	-0.06	4.79	16.21	3.69
MRBLD1TOR71_SIN		0.00	-97.05	63.20	31.02	-10.83	-2.66	4.95	30.93	10.58	-5.54	-6.68	-12.73	-5.00	-1.13	1.90	2.43
MRBLD1TOR130_COS		-22.27	124.08	17.23	15.33	18.67	-16.01	-0.16	-77.73	-7.64	-5.08	4.67	-4.42	-0.67	-1.42	-7.24	-1.81
MRBLD1TOR130_SIN		0.00	-76.13	34.03	16.47	-7.97	-4.85	7.72	19.13	5.39	-5.57	1.96	7.91	2.92	0.51	0.13	-1.26
MRBLD1TOR164_COS		-236.83	60.06	46.71	-9.39	-17.52	-25.31	-6.21	-24.26	4.26	0.62	-2.37	-1.37	3.75	2.24	0.24	-3.26
MRBLD1TOR164_SIN		0.00	-17.95	-3.39	-35.55	-18.18	-1.40	-0.23	14.06	5.43	-4.84	-2.74	1.50	0.97	-1.28	1.23	1.54
MRFBM1CB26P5_COS		-3125.24	-858.44	121.87	49.39	-37.03	-4.51	-5.73	-16.61	-1.31	-6.04	2.69	-2.21	-1.57	4.67	9.27	-2.47
MRFBM1CB26P5_SIN		0.00	166.16	53.98	-30.14	-30.33	-11.98	-3.27	-16.02	-6.91	-2.67	-1.07	-0.36	-0.97	-0.02	4.61	3.29
MRFBM1FB9_COS		423.19	18.98	-5.35	-124.43	50.36	21.97	16.35	28.43	3.48	0.60	-2.18	2.21	-0.69	-2.27	-4.50	1.09
MRFBM1FB9_SIN		0.00	-4.17	-66.28	-174.22	-15.96	-5.84	2.84	23.93	6.94	1.97	-0.29	-1.42	-0.72	-1.51	-4.46	-0.78
MRFBM1TOR26P5_COS		-244.76	77.09	0.25	0.19	0.51	-0.26	-0.05	-0.57	0.00	0.62	0.04	0.12	-0.06	0.03	0.05	0.10
MRFBM1TOR26P5_SIN		0.00	-187.24	1.31	-0.42	-0.18	-0.09	-0.10	0.30	0.13	0.10	-0.03	-0.35	-0.06	-0.02	-0.06	0.02

RUN	POINT	Harmonics															
57	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-476.00	-1450.00	252.63	151.99	-134.39	-101.76	-69.56	-202.52	-1.86	22.00	11.17	-20.42	9.73	31.24	88.01	-5.76
MRPC1CB33P25_SIN		0.00	680.87	-1.69	91.41	62.32	-26.21	40.93	-63.97	-58.07	-12.86	-11.56	63.23	15.93	-5.88	7.56	22.99
MRPC1FB33P25_COS		1966.27	263.71	-263.00	573.33	-321.30	-110.73	-201.66	-543.61	-143.97	-110.62	59.59	-14.98	22.68	79.84	200.03	-21.28
MRPC1FB33P25_SIN		0.00	129.30	94.68	413.63	93.18	95.47	48.55	-233.81	-95.62	-71.67	-21.08	42.68	2.57	-11.26	42.02	52.24
MRPC1TOR25P5_COS		-646.28	-76.58	-100.71	-20.18	5.45	41.08	15.28	112.84	4.09	-17.99	2.76	-8.34	-2.35	-5.36	-15.24	-10.03
MRPC1TOR25P5_SIN		0.00	-7.97	-109.56	-72.85	6.34	-3.05	4.41	-34.48	-12.34	5.00	15.22	30.81	10.03	-0.32	5.68	1.65
MRPLK1LOAD_COS		-49.11	-10.50	-6.14	-6.33	0.42	6.29	1.92	16.98	1.47	-3.31	-0.03	-1.26	0.18	-1.13	-3.22	-1.64
MRPLK1LOAD_SIN		0.00	-12.98	-12.43	-8.71	-0.05	0.71	-0.58	-4.59	-1.08	0.17	2.04	4.59	1.38	0.40	1.23	-0.28
PITCHRH_COS		6364.49	-8965.99	433.80	-77.43	2.58	-1424.63	39.73	-12.75	20.71	11.75	-288.74	5.88	-33.59	83.65	-7.39	442.73
PITCHRH_SIN		0.00	2048.41	-404.15	-36.89	-54.59	1077.55	78.75	79.16	10.14	-68.16	-141.46	-49.06	55.54	-31.84	-19.86	-54.10
ROLLRH_COS		2226.16	-1854.29	345.66	-24.19	-79.19	-1023.03	-55.57	47.46	98.62	49.78	336.18	14.23	-91.05	-30.52	-8.83	179.98
ROLLRH_SIN		0.00	-8988.52	474.56	-11.41	-30.95	-198.63	-162.32	-4.57	20.99	-20.74	-75.05	-0.10	2.87	-77.81	0.77	1147.07
TORQ_COS		63786.86	257.36	35.19	64.20	-26.88	181.61	0.21	-3.59	-13.49	-4.49	7.13	0.48	8.87	-4.60	-2.28	-0.98
TORQ_SIN		0.00	647.68	-24.83	-54.47	-32.46	117.36	9.20	26.99	-5.24	-8.46	-7.55	8.59	-5.64	7.40	-2.14	-4.57
THRUST_COS		5728.65	-61.98	12.74	9.67	11.58	59.88	5.11	6.35	1.66	-2.09	-24.73	1.27	4.71	-0.21	-2.17	-8.13
THRUST_SIN		0.00	-41.42	5.74	-15.69	18.42	-60.63	10.08	12.81	1.70	1.03	16.86	4.96	-1.30	0.91	6.10	-37.39

RUN	POINT	Harmonics															
57	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.28	59.38	-11.09	-3.10	9.53	36.48	10.28	-2.85	-3.44	-1.95	-17.78	-0.51	2.72	0.75	0.06	-6.93
SIDERH_SIN		0.00	235.25	-2.36	8.09	1.33	-58.24	9.66	0.43	0.07	0.66	0.97	-0.24	-0.49	2.43	-0.06	-32.71
DRAGRH_COS		-130.08	242.73	1.62	-4.87	2.79	14.39	-10.05	-0.81	-2.64	-2.21	20.78	0.07	-0.63	-2.79	0.36	-17.36
DRAGRH_SIN		0.00	-56.56	21.42	1.05	2.52	-31.74	-19.72	2.73	1.30	4.82	10.10	2.20	-3.11	2.95	2.49	7.77

RUN	POINT	Harmonics															
57	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.81	-1.18	-4.17	-2.97	-1.47	-0.01	0.08	1.16	0.49	-0.05	-0.13	0.12	-0.04	0.13	-0.14	-0.01
ACT1FORCE_SIN		0.00	15.17	0.58	-0.70	0.16	0.09	-0.94	0.11	0.33	0.08	-0.06	0.23	0.02	0.01	0.12	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.51	-4.16	31.79	30.23	16.92	1.32	2.74	0.01	-0.01	-0.02	0.03	0.00	0.00	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-118.04	-3.07	11.71	-1.33	-1.62	13.17	-0.04	-0.03	-0.02	0.00	-0.01	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.22	4.32	-31.82	-30.33	-16.97	-1.33	-2.83	-0.01	0.02	0.02	-0.02	0.00	0.01	0.00	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	118.27	3.19	-11.63	1.39	1.63	-13.20	0.01	0.02	0.02	0.00	0.00	0.01	0.00	-0.01	0.01
MRBLD1CB42P75_COS		-2853.63	-1703.65	353.38	118.57	-92.04	-160.47	-77.24	-242.35	35.54	86.47	18.96	-29.15	9.16	36.26	109.62	3.09
MRBLD1CB42P75_SIN		0.00	744.69	5.48	189.16	139.89	-69.80	81.39	-89.09	-65.45	8.90	-38.57	111.19	33.13	-3.80	0.77	20.52

RUN	POINT	Harmonics															
57	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3444.25	-1195.15	418.76	-20.21	30.19	-174.11	-64.35	-182.30	34.28	79.92	0.94	-10.55	14.91	20.70	77.14	6.69
MRBLD1CB70_SIN		0.00	581.54	-48.20	267.25	289.91	-100.62	93.19	-40.18	-54.15	4.52	-40.03	75.30	17.16	-13.85	-12.87	8.81
MRBLD1CB120_COS		-416.80	-602.52	420.24	9.51	44.52	-77.10	-26.95	-113.01	-51.46	-73.48	14.31	30.83	10.52	-4.48	-11.80	-5.70
MRBLD1CB120_SIN		0.00	493.79	-141.44	179.89	320.47	-88.71	38.42	-25.28	-9.45	-19.02	39.64	-38.87	-12.06	-7.59	2.27	4.75
MRBLD1CB164_COS		-1975.03	-195.85	129.69	19.47	-23.89	-22.95	30.46	31.62	-77.15	-92.70	26.22	29.51	2.87	-5.58	-40.49	-1.35
MRBLD1CB164_SIN		0.00	192.38	-48.18	70.09	127.62	-20.82	0.29	3.94	9.06	-16.18	49.75	-44.54	-10.05	9.81	8.23	0.38
MRBLD1FB42P75_COS		2783.12	333.51	-206.95	740.46	-347.81	-82.00	-178.62	-688.88	-184.15	-139.37	52.13	31.58	24.41	41.16	129.97	39.34
MRBLD1FB42P75_SIN		0.00	-98.46	170.15	296.67	212.87	171.87	139.52	20.40	-2.92	-0.73	-72.53	34.81	-25.32	-80.62	-161.88	28.03
MRBLD1FB70_COS		485.56	47.89	-79.40	207.17	-107.02	-26.73	-23.92	-100.68	-4.35	10.23	7.87	4.69	0.84	-4.02	-25.70	-6.88
MRBLD1FB70_SIN		0.00	-239.48	86.66	91.72	49.37	27.39	23.61	8.90	1.35	3.41	6.81	6.69	6.47	13.23	31.27	-6.34
MRBLD1FB87_COS		-22.69	78.66	-87.97	93.37	-63.49	-16.48	-2.82	61.61	24.30	21.27	-9.11	-8.07	-6.52	-10.09	-28.02	-8.56
MRBLD1FB87_SIN		0.00	-272.41	76.84	76.41	19.94	6.79	-15.50	-9.08	-4.87	-8.37	7.90	-19.01	1.83	17.09	37.00	-2.79
MRBLD1FB120_COS		-399.68	80.15	-171.31	69.79	3.25	-4.14	25.62	148.62	9.17	-9.62	-8.76	-4.76	2.57	10.57	40.67	11.19
MRBLD1FB120_SIN		0.00	-374.33	121.41	147.35	35.80	6.97	-32.73	-7.38	1.81	0.59	-1.68	7.19	-7.37	-23.25	-51.39	5.58
MRBLD1FB164_COS		-100.19	117.59	-200.31	119.47	249.57	94.96	-14.99	-218.16	-17.34	11.01	2.80	3.96	-5.81	-12.14	-22.05	-3.34
MRBLD1FB164_SIN		0.00	-444.25	153.16	250.44	60.34	-69.85	22.28	11.72	6.82	-3.60	0.93	-22.04	-6.25	15.53	31.62	-9.02

RUN	POINT	Harmonics															
57	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-122.72	1.31	-85.26	39.60	161.86	80.29	-30.57	-227.62	3.43	53.72	-23.76	-33.79	-9.03	16.38	53.12	16.22
MRBLD1FB180_SIN		0.00	-306.75	104.46	131.23	23.79	-48.90	19.48	7.69	0.38	-30.29	-17.10	-58.63	-15.46	-26.86	-71.73	4.70
MRBLD1TOR51_COS		-1477.31	124.52	20.45	65.92	-20.09	-37.70	-18.32	-134.81	-8.03	10.47	0.44	1.32	0.82	9.13	29.13	6.13
MRBLD1TOR51_SIN		0.00	-92.36	76.66	63.73	7.41	0.13	7.99	16.19	4.19	-11.30	-12.42	-15.59	-7.20	-4.39	-3.34	2.97
MRBLD1TOR71_COS		-281.22	145.83	-1.46	40.40	-1.93	-22.80	-4.73	-94.89	-3.09	8.38	-2.43	0.98	-0.49	4.85	17.11	4.44
MRBLD1TOR71_SIN		0.00	-97.73	63.14	28.56	-7.44	-1.26	4.73	29.16	11.10	-6.35	-6.17	-13.75	-5.45	-1.91	-0.50	2.05
MRBLD1TOR130_COS		-22.19	124.47	18.48	15.64	18.99	-14.24	1.24	-80.93	-6.69	-4.80	5.84	-3.80	-0.81	-1.48	-7.94	-2.44
MRBLD1TOR130_SIN		0.00	-76.79	34.18	16.43	-5.83	-4.63	7.41	16.89	5.43	-6.19	2.16	9.37	3.27	0.98	1.52	-1.07
MRBLD1TOR164_COS		-236.75	60.47	46.81	-9.49	-18.02	-25.24	-4.98	-25.43	4.89	0.92	-3.07	-1.39	3.53	1.97	0.10	-3.19
MRBLD1TOR164_SIN		0.00	-18.24	-2.89	-33.44	-15.79	1.07	-0.12	13.56	5.09	-5.75	-2.38	1.57	0.42	-1.55	1.45	1.65
MRFBM1CB26P5_COS		-3137.57	-841.63	127.48	50.07	-33.31	-4.59	-5.56	-18.87	-1.15	-5.79	5.87	-1.64	-0.97	5.10	10.32	-1.29
MRFBM1CB26P5_SIN		0.00	194.45	55.63	-30.90	-24.68	-13.62	-2.00	-16.88	-6.36	-2.51	-0.17	0.48	-0.56	0.28	3.10	3.94
MRFBM1FB9_COS		433.57	-3.47	-13.15	-128.00	50.64	22.81	15.66	27.79	3.25	0.30	-2.99	1.99	-0.87	-2.63	-5.43	0.79
MRFBM1FB9_SIN		0.00	-13.01	-63.43	-161.93	-17.64	-7.80	2.29	26.32	7.09	2.16	-0.02	-1.92	-0.85	-1.32	-4.12	-1.18
MRFBM1TOR26P5_COS		-244.82	76.95	0.26	0.19	0.55	-0.21	0.03	-0.58	-0.04	0.62	-0.01	0.08	-0.06	0.02	0.05	0.09
MRFBM1TOR26P5_SIN		0.00	-187.44	1.27	-0.44	-0.18	-0.05	-0.08	0.27	0.15	0.10	-0.03	-0.39	-0.05	-0.02	-0.08	0.02

RUN	POINT	Harmonics															
57	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-477.74	-1414.76	263.99	158.57	-123.18	-105.52	-65.98	-206.54	0.62	25.26	18.72	-10.23	13.10	34.11	94.16	1.74
MRPC1CB33P25_SIN		0.00	721.17	0.46	80.33	66.94	-22.16	47.19	-78.03	-59.64	-17.49	-23.46	68.48	16.26	-9.59	-2.85	23.58
MRPC1FB33P25_COS		1970.03	257.20	-253.96	582.23	-326.58	-117.19	-198.70	-550.10	-141.15	-106.06	82.32	-3.57	28.93	85.36	218.71	-3.93
MRPC1FB33P25_SIN		0.00	121.07	86.84	367.61	108.18	109.40	54.78	-272.01	-97.23	-75.30	-24.86	51.10	1.27	-21.29	14.98	53.18
MRPC1TOR25P5_COS		-646.29	-77.30	-102.49	-20.35	5.80	39.60	11.72	117.59	3.88	-18.52	6.54	-5.13	-1.91	-5.15	-15.22	-9.52
MRPC1TOR25P5_SIN		0.00	-8.55	-109.88	-69.55	2.00	-5.13	4.74	-31.83	-13.38	5.74	14.05	32.97	10.84	0.27	8.28	2.15
MRPLK1LOAD_COS		-49.23	-10.48	-6.56	-6.34	0.37	6.05	1.43	17.59	1.52	-3.36	0.51	-0.89	0.19	-1.06	-3.29	-1.63
MRPLK1LOAD_SIN		0.00	-13.03	-12.40	-8.14	-0.55	0.29	-0.62	-4.08	-1.24	0.19	1.96	5.01	1.39	0.52	1.74	-0.22
PITCHRH_COS		6728.55	-8953.22	440.03	-85.74	3.30	-1367.08	47.83	-30.06	86.89	22.08	-320.33	-5.76	1.44	98.75	-6.94	469.35
PITCHRH_SIN		0.00	2053.02	-420.89	-47.62	-68.14	1312.34	47.76	103.68	57.47	-64.22	-112.12	-40.40	24.76	-23.80	-18.46	-130.97
ROLLRH_COS		2448.12	-1832.50	358.27	-37.87	-58.34	-1137.13	-56.98	41.30	105.64	48.76	348.02	8.17	-73.28	-24.59	-24.53	295.18
ROLLRH_SIN		0.00	-8999.38	439.80	-10.87	-61.20	-268.30	-122.87	-16.58	25.04	-12.25	-112.85	-14.26	13.72	-94.37	26.90	1163.33
TORQ_COS		63545.66	270.00	29.98	61.50	-34.80	187.06	-2.74	6.38	-10.18	-4.82	-2.48	-1.41	5.96	-5.10	-1.09	-1.47
TORQ_SIN		0.00	645.10	-29.38	-50.27	-48.89	112.58	7.07	28.84	-7.48	-6.85	-10.91	9.14	-6.45	4.45	-2.14	-3.81
THRUST_COS		5762.10	-63.23	12.19	8.42	12.62	64.12	5.22	10.57	-2.64	-2.68	-29.79	-0.17	3.30	-1.22	-4.13	-13.28
THRUST_SIN		0.00	-41.32	7.71	-13.62	21.33	-68.70	9.03	12.27	2.72	0.50	16.67	5.40	-0.39	2.00	4.06	-33.29

RUN	POINT	Harmonics															
57	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.63	56.20	-12.01	-4.56	8.62	47.00	10.78	-2.33	-4.02	-1.94	-18.30	-0.24	2.23	0.50	0.57	-10.37
SIDERH_SIN		0.00	233.23	-2.60	4.94	5.03	-61.16	5.94	0.97	0.00	0.33	3.15	0.36	-0.69	3.03	-0.72	-32.95
DRAGRH_COS		-127.02	242.14	1.08	-4.40	2.39	-27.30	-25.63	1.61	-2.66	-3.66	23.96	0.81	-1.82	-3.75	0.32	-17.68
DRAGRH_SIN		0.00	-56.24	21.77	0.74	0.39	-27.40	-20.02	1.65	3.55	4.40	7.76	1.59	-1.14	2.49	2.45	11.23

RUN	POINT	Harmonics															
42	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.57	-2.77	-9.30	-0.37	-0.72	-0.29	0.11	-0.14	-0.29	-0.05	0.14	-0.04	0.06	-0.10	-0.01	-0.01
ACT1FORCE_SIN		0.00	17.73	-2.29	-3.06	1.38	0.26	0.25	0.34	0.17	-0.11	-0.02	-0.06	0.05	0.04	-0.03	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		388.82	11.55	77.11	8.11	8.00	5.04	-2.52	0.01	-0.02	0.00	0.00	0.00	0.01	0.02	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-136.93	15.29	30.60	-9.27	-4.15	-0.88	0.04	-0.01	-0.01	0.00	-0.01	-0.02	-0.01	0.02	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		417.07	-11.50	-77.28	-8.22	-7.99	-5.05	2.52	-0.01	0.02	0.00	0.00	0.00	-0.01	-0.02	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	137.22	-15.22	-30.71	9.23	4.16	0.89	-0.05	0.01	0.01	0.01	0.01	0.02	0.01	-0.01	-0.02
MRBLD1CB42P75_COS		-246.97	-1617.10	551.91	-115.34	-107.15	-61.25	-70.19	-6.91	17.82	-30.79	19.56	11.14	-4.12	-5.57	-7.25	-7.22
MRBLD1CB42P75_SIN		0.00	1836.69	54.53	94.43	223.50	-98.63	-25.31	-56.11	27.81	21.96	-70.74	17.07	9.86	6.35	-4.30	19.92

RUN	POINT	Harmonics															
42	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4696.05	-1224.61	394.31	-179.04	-6.10	-68.58	-80.75	-12.77	17.28	-21.44	-4.25	8.50	-0.28	-0.67	-6.28	-0.23
MRBLD1CB70_SIN		0.00	1347.88	-69.85	163.95	356.35	-133.49	46.08	-25.27	22.47	25.22	-31.81	9.24	5.89	3.33	-7.13	32.31
MRBLD1CB120_COS		-174.84	-746.05	304.41	-57.58	64.78	-57.62	-60.83	10.46	8.81	15.53	-12.76	-10.90	1.37	2.83	3.94	-1.93
MRBLD1CB120_SIN		0.00	901.83	-92.33	149.76	413.60	-103.10	84.82	-33.09	-27.74	-29.19	43.02	-5.27	0.72	1.10	-0.46	3.33
MRBLD1CB164_COS		-1954.82	-256.27	65.14	26.52	22.51	-39.50	-22.29	12.73	-2.74	17.72	1.45	-10.24	-1.46	-0.95	-1.12	0.15
MRBLD1CB164_SIN		0.00	320.99	-28.62	81.91	175.10	-40.55	44.13	0.44	-39.13	-38.28	33.60	0.15	1.20	0.87	7.94	-22.33
MRBLD1FB42P75_COS		2652.19	364.65	141.31	728.83	-58.66	-110.99	-118.20	-110.83	-55.00	-77.56	4.93	7.36	-1.13	4.12	-4.39	27.88
MRBLD1FB42P75_SIN		0.00	-351.04	379.40	440.15	444.07	151.75	-15.44	-220.04	-30.46	-69.07	-106.49	8.97	8.43	-1.58	-15.37	26.86
MRBLD1FB70_COS		643.19	106.85	41.81	208.07	-21.32	-26.66	-23.30	-10.40	0.47	-2.61	-0.53	0.42	0.02	-0.44	1.39	-4.72
MRBLD1FB70_SIN		0.00	-247.76	162.55	110.62	128.95	21.01	-1.01	-30.54	5.50	5.65	2.69	2.23	1.28	0.90	2.67	-5.78
MRBLD1FB87_COS		89.09	123.15	-22.86	105.52	-19.49	-15.74	-0.53	8.34	9.45	15.41	0.41	-1.16	1.04	-1.05	0.75	-6.86
MRBLD1FB87_SIN		0.00	-308.88	117.71	58.86	50.27	2.26	-1.49	17.87	2.70	13.22	26.30	-0.88	0.19	2.16	5.52	-3.09
MRBLD1FB120_COS		-290.08	156.30	-109.99	86.88	-14.21	-17.66	3.54	10.05	-8.11	-3.84	-3.39	-4.08	-2.61	1.51	-0.55	11.43
MRBLD1FB120_SIN		0.00	-439.12	124.44	132.08	9.95	4.89	2.91	48.10	-5.71	-10.42	-14.90	-5.75	-5.63	-6.34	-8.97	4.54
MRBLD1FB164_COS		72.23	146.87	-3.57	61.06	58.12	54.08	29.34	-3.52	3.63	5.63	1.11	1.77	1.52	-3.47	-1.67	-6.19
MRBLD1FB164_SIN		0.00	-583.12	215.38	255.67	-44.50	-24.52	-16.49	-66.04	8.72	14.04	20.71	0.66	1.76	1.81	2.79	-2.79

RUN	POINT	Harmonics															
42	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		1.18	-11.48	44.17	1.30	48.67	50.42	13.70	-8.53	4.72	20.79	0.20	-11.66	-6.80	-1.56	0.06	14.03
MRBLD1FB180_SIN		0.00	-414.87	149.52	147.16	-45.45	-7.23	-10.86	-60.41	9.15	27.04	52.28	-12.63	-16.61	-12.77	-11.98	4.62
MRBLD1TOR51_COS		-1467.83	188.41	73.13	22.78	1.50	-17.97	13.90	-14.68	-4.24	0.80	-1.16	-1.68	-0.14	1.88	3.27	1.24
MRBLD1TOR51_SIN		0.00	-141.77	161.07	91.25	16.85	12.61	-25.97	-40.91	-0.46	1.55	8.04	-2.17	-4.79	-4.15	-2.73	4.24
MRBLD1TOR71_COS		-340.32	205.87	38.54	10.42	13.38	-5.87	21.94	-12.94	-2.67	2.74	-3.03	-2.44	0.74	1.44	1.61	0.73
MRBLD1TOR71_SIN		0.00	-141.30	134.18	48.33	-10.55	13.75	-18.55	-25.36	1.86	4.26	12.27	-2.80	-3.92	-2.76	-0.89	2.65
MRBLD1TOR130_COS		-78.52	181.03	42.33	-14.18	21.58	1.80	19.05	-6.97	-0.06	1.15	6.56	-2.17	-0.94	-1.77	-3.48	-1.50
MRBLD1TOR130_SIN		0.00	-109.35	79.32	31.04	-25.98	8.27	-12.28	-25.92	1.06	-3.43	2.46	2.34	1.52	1.76	1.51	-1.63
MRBLD1TOR164_COS		-290.72	97.17	31.39	-22.31	5.57	-5.81	5.06	-5.36	1.28	2.87	-0.26	-1.09	0.85	-0.21	-1.64	-0.35
MRBLD1TOR164_SIN		0.00	-30.43	15.57	-26.67	-9.81	6.69	-6.52	-9.77	1.04	1.76	3.27	-2.86	-0.27	0.40	-0.63	-0.59
MRFBM1CB26P5_COS		-635.08	-968.12	243.38	-38.42	-50.07	1.28	6.52	3.09	0.45	-0.90	9.73	0.66	-0.60	-0.29	1.23	-1.49
MRFBM1CB26P5_SIN		0.00	800.43	127.88	-69.18	-37.76	-5.98	-23.54	-12.21	-0.40	-4.47	-10.12	1.42	0.20	-0.16	-0.19	-1.52
MRFBM1FB9_COS		784.45	-176.11	-215.96	-110.72	35.67	24.57	10.40	-3.59	0.79	1.09	-2.71	0.34	0.55	0.07	-0.50	1.09
MRFBM1FB9_SIN		0.00	-60.20	-205.08	-189.68	-54.45	-0.68	11.41	13.26	2.53	3.11	2.39	-0.18	0.32	0.12	0.44	-1.25
MRFBM1TOR26P5_COS		-83.57	93.55	4.04	-0.47	-0.44	-0.33	0.37	-0.12	-0.14	0.02	-0.16	0.11	0.00	0.06	0.12	0.07
MRFBM1TOR26P5_SIN		0.00	-271.43	2.77	0.91	-0.48	0.20	-0.91	-0.31	0.07	0.15	0.01	0.03	-0.02	-0.05	-0.02	-0.01

RUN	POINT	Harmonics															
42	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		584.58	-1181.36	483.20	-44.82	-100.99	-53.78	-63.82	-6.20	18.31	-14.99	19.71	8.92	-1.04	-3.67	-2.53	-7.96
MRPC1CB33P25_SIN		0.00	1565.35	38.63	55.69	141.72	-46.59	-34.13	-60.41	5.03	-4.89	-57.61	12.10	7.37	5.44	-4.10	16.56
MRPC1FB33P25_COS		1792.04	291.76	-8.18	550.55	-135.21	-129.97	-92.75	1.63	-19.17	-15.95	69.06	3.95	-4.62	2.03	8.22	-9.33
MRPC1FB33P25_SIN		0.00	-109.03	299.17	487.59	364.37	88.36	-49.45	-230.31	-55.52	-92.36	-75.68	13.98	7.11	4.05	-11.41	43.62
MRPC1TOR25P5_COS		-303.01	-100.30	-100.48	9.38	-10.83	23.47	-17.32	15.06	7.58	4.26	10.10	1.81	-0.82	-4.54	-8.10	-4.97
MRPC1TOR25P5_SIN		0.00	-108.73	-166.66	-82.59	0.59	-16.87	34.32	37.63	-1.94	-5.35	-10.53	6.80	9.45	7.32	5.01	-0.04
MRPLK1LOAD_COS		5.44	-16.37	-13.36	0.01	-2.85	4.31	-3.50	2.70	2.05	0.62	1.66	-0.12	0.06	-0.71	-1.57	-1.02
MRPLK1LOAD_SIN		0.00	-7.82	-23.20	-15.06	-0.38	-2.35	5.03	5.60	-0.11	-0.65	-0.77	0.17	1.09	1.18	0.62	-0.06
PITCHRH_COS		9379.09	-8713.84	-62.33	174.97	-90.31	-448.64	-45.50	-122.18	21.48	-32.24	132.59	8.39	34.10	-17.89	-16.63	-188.26
PITCHRH_SIN		0.00	816.06	-1215.80	-59.45	-48.77	734.50	4.12	67.51	157.66	-15.72	-261.31	60.07	-25.72	14.46	-2.06	16.64
ROLLRH_COS		3756.97	-863.56	1420.52	-107.12	62.41	-2395.58	-12.09	-10.61	-47.71	101.41	189.93	-15.44	20.41	-78.22	45.88	64.76
ROLLRH_SIN		0.00	-8644.71	-115.13	174.06	150.58	705.62	-208.74	-108.78	-180.90	0.68	35.07	3.29	-5.80	21.94	-4.08	108.59
TORQ_COS		110967.71	350.71	-44.74	136.89	15.00	-37.11	2.45	14.79	-2.79	1.61	-21.83	-4.24	3.03	-1.07	-2.21	5.48
TORQ_SIN		0.00	1089.79	-72.23	138.06	-147.06	40.66	12.67	47.92	-9.84	-5.79	47.38	2.09	-6.58	5.35	-4.81	2.14
THRUST_COS		5949.62	-98.59	5.34	33.86	0.44	51.73	5.51	19.92	-0.75	-5.93	-13.50	-6.18	-1.17	0.39	-0.65	-6.19
THRUST_SIN		0.00	-220.74	-0.20	-7.12	25.84	-66.40	13.00	17.06	-6.06	0.46	45.23	-2.66	-1.82	-0.69	1.97	-27.75

RUN	POINT	Harmonics															
42	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-133.42	40.50	-38.91	5.97	4.78	54.89	2.04	-1.56	0.19	-4.15	-6.33	0.52	-0.70	2.25	-1.54	-1.80
SIDERH_SIN		0.00	213.53	11.73	-3.39	-11.70	-139.27	2.49	2.80	4.30	0.80	-6.61	0.44	-0.33	-0.74	-0.03	-2.89
DRAGRH_COS		-32.42	222.51	13.40	-2.14	13.43	139.15	-19.52	-5.01	-3.08	-0.56	-12.43	0.69	-2.84	0.98	0.80	9.10
DRAGRH_SIN		0.00	-39.65	19.17	-0.94	3.66	107.57	19.20	-1.63	-8.62	0.87	7.99	-2.89	1.49	-1.26	0.66	-2.12

RUN	POINT	Harmonics															
42	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.10	-2.82	-9.67	-0.65	-1.05	-0.26	-0.05	-0.05	-0.33	-0.04	0.07	0.01	0.01	-0.06	-0.04	0.02
ACT1FORCE_SIN		0.00	17.92	-1.97	-2.83	1.20	0.52	0.20	0.41	0.25	-0.09	-0.05	-0.06	0.04	0.07	-0.02	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.52	13.57	79.54	11.21	10.82	3.96	0.30	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-137.92	11.57	29.43	-10.29	-5.26	0.84	0.06	0.00	0.00	0.01	0.00	0.00	-0.02	-0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.36	-13.47	-79.72	-11.35	-10.81	-3.94	-0.32	0.00	0.01	0.01	0.01	0.00	-0.01	-0.01	-0.03	0.00
FA1OBVOLTAGE_SIN		0.00	138.21	-11.44	-29.52	10.25	5.28	-0.83	-0.06	-0.02	0.00	0.00	0.00	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-142.25	-1642.38	594.47	-123.88	-97.57	-82.76	-78.37	-5.73	20.03	-26.28	11.26	13.48	-1.77	-5.46	-1.81	-7.97
MRBLD1CB42P75_SIN		0.00	2132.39	41.34	104.89	244.74	-119.27	-20.32	-73.88	26.20	35.08	-75.89	13.67	12.38	8.40	-3.75	25.11

RUN	POINT	Harmonics															
42	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4693.37	-1261.70	438.60	-212.56	-3.20	-109.62	-76.08	-9.99	20.46	-17.96	-6.30	9.47	1.29	0.20	-1.92	3.01
MRBLD1CB70_SIN		0.00	1545.33	-63.79	175.27	403.81	-128.67	47.85	-48.60	19.35	32.51	-33.45	5.91	6.72	5.06	-8.90	35.30
MRBLD1CB120_COS		-172.54	-766.15	350.00	-93.22	67.55	-97.36	-43.44	15.14	9.66	14.96	-12.76	-12.24	1.06	3.05	3.46	-2.04
MRBLD1CB120_SIN		0.00	976.53	-73.30	147.89	461.95	-74.60	85.71	-59.14	-37.02	-42.27	44.92	-1.38	0.38	0.57	-0.76	3.03
MRBLD1CB164_COS		-1959.63	-264.29	79.76	10.05	22.58	-58.61	-14.65	15.62	-5.40	15.82	0.34	-11.16	-2.32	-2.53	-4.77	-3.49
MRBLD1CB164_SIN		0.00	342.08	-19.63	83.02	192.89	-22.30	46.54	-3.76	-47.02	-50.62	32.96	4.41	1.04	-0.50	9.20	-23.70
MRBLD1FB42P75_COS		2648.72	361.87	147.38	741.44	-50.29	-111.00	-112.72	-137.77	-70.07	-78.58	-17.28	15.50	3.65	5.97	3.23	35.37
MRBLD1FB42P75_SIN		0.00	-430.19	367.56	471.86	411.52	156.24	-9.66	-267.08	-35.29	-73.24	-102.83	7.49	9.08	-1.49	-23.44	32.08
MRBLD1FB70_COS		643.23	101.95	39.28	208.33	-20.16	-28.35	-22.63	-13.95	-0.70	-0.96	0.18	0.47	-0.16	-0.53	-0.20	-6.04
MRBLD1FB70_SIN		0.00	-249.00	155.77	121.86	120.83	21.23	-0.26	-40.12	4.25	5.63	3.04	2.37	1.37	1.04	4.24	-7.04
MRBLD1FB87_COS		87.52	117.52	-30.18	104.42	-20.97	-15.17	-0.80	11.29	11.50	15.56	5.83	-2.45	0.52	-0.60	-0.26	-7.88
MRBLD1FB87_SIN		0.00	-307.37	113.17	67.23	46.17	2.38	-1.61	21.67	3.65	13.66	25.31	-0.61	-0.17	2.07	7.55	-3.97
MRBLD1FB120_COS		-289.65	147.76	-125.40	86.94	-19.16	-15.57	2.02	15.46	-7.28	-5.72	-6.50	-4.21	-3.20	0.43	0.42	12.47
MRBLD1FB120_SIN		0.00	-431.75	115.23	151.67	10.60	9.52	3.22	62.55	-3.73	-9.83	-15.06	-5.98	-5.41	-6.21	-12.19	5.65
MRBLD1FB164_COS		86.70	136.04	-17.25	67.67	58.29	59.95	28.49	-10.18	2.47	8.47	6.11	0.80	0.76	-2.26	-2.95	-6.85
MRBLD1FB164_SIN		0.00	-576.14	193.82	281.40	-28.35	-22.35	-16.76	-86.14	5.71	14.64	20.91	1.47	1.38	1.59	4.74	-3.43

RUN	POINT	Harmonics															
42	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		14.23	-21.25	38.88	3.44	52.09	52.16	15.04	-13.65	6.84	22.66	10.85	-14.32	-11.04	-3.70	0.84	15.56
MRBLD1FB180_SIN		0.00	-410.67	136.49	158.41	-34.68	-7.68	-11.75	-80.99	7.07	29.21	50.21	-10.92	-15.87	-12.50	-14.68	6.05
MRBLD1TOR51_COS		-1463.02	185.00	79.40	26.89	1.41	-15.74	17.55	-18.81	-5.33	1.24	0.49	-1.83	-0.79	1.27	3.99	1.18
MRBLD1TOR51_SIN		0.00	-136.55	156.24	94.36	20.64	13.51	-26.69	-51.26	-1.02	2.11	7.73	-2.56	-5.40	-4.44	-3.24	4.38
MRBLD1TOR71_COS		-337.40	203.68	41.79	15.00	12.84	-2.73	25.84	-16.57	-3.23	3.07	-0.89	-2.88	0.08	1.18	1.65	0.68
MRBLD1TOR71_SIN		0.00	-140.67	130.23	49.17	-7.78	14.54	-19.78	-32.13	1.93	4.82	12.33	-3.15	-4.47	-2.98	-1.28	2.53
MRBLD1TOR130_COS		-74.63	179.93	44.16	-9.53	21.64	4.11	22.01	-9.91	-0.36	2.13	6.12	-1.30	-0.78	-1.13	-3.87	-1.32
MRBLD1TOR130_SIN		0.00	-107.26	75.35	30.66	-22.39	8.31	-13.36	-31.95	0.44	-3.02	1.25	2.53	2.24	2.24	1.80	-1.45
MRBLD1TOR164_COS		-290.66	97.74	32.70	-19.61	6.46	-5.41	7.01	-6.52	1.25	3.57	0.23	-0.89	0.52	0.17	-1.45	-0.49
MRBLD1TOR164_SIN		0.00	-28.79	16.06	-30.95	-9.94	5.79	-7.42	-11.48	1.19	2.07	3.05	-2.74	0.08	0.50	-0.82	-0.08
MRFBM1CB26P5_COS		-575.31	-1045.63	262.91	-29.18	-50.90	7.88	3.38	2.39	0.43	-0.97	7.91	1.14	-0.48	-0.41	1.72	-2.18
MRFBM1CB26P5_SIN		0.00	983.30	132.25	-77.38	-42.17	-16.70	-23.50	-11.22	0.00	-4.15	-11.63	1.37	0.30	-0.30	0.13	-1.07
MRFBM1FB9_COS		834.02	-181.62	-224.61	-108.82	32.74	25.26	10.87	-4.63	0.94	0.90	-2.50	0.19	0.44	-0.03	-0.84	1.13
MRFBM1FB9_SIN		0.00	-209.92	-191.80	-199.60	-52.86	-2.72	10.58	15.80	3.07	2.83	2.70	-0.45	0.02	-0.05	0.04	-1.57
MRFBM1TOR26P5_COS		-80.19	85.49	3.98	-0.52	-0.53	-0.19	0.33	-0.12	-0.18	0.00	-0.13	0.10	-0.01	0.03	0.13	0.07
MRFBM1TOR26P5_SIN		0.00	-270.21	2.57	0.92	-0.22	0.20	-0.92	-0.39	0.05	0.13	0.04	0.03	-0.06	-0.06	-0.03	-0.02

RUN	POINT	Harmonics															
42	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		542.70	-1145.51	516.11	-35.58	-84.26	-65.03	-73.50	-8.27	19.00	-11.42	9.24	11.72	1.17	-3.26	2.44	-9.16
MRPC1CB33P25_SIN		0.00	1783.54	15.71	64.99	143.84	-64.69	-26.24	-71.70	2.36	1.18	-62.42	10.00	9.03	6.83	-4.42	21.76
MRPC1FB33P25_COS		1801.93	295.74	0.12	554.22	-121.46	-132.32	-90.88	-2.03	-28.86	-14.43	50.49	10.50	-1.64	3.22	19.91	-8.82
MRPC1FB33P25_SIN		0.00	-178.47	294.36	514.78	340.00	91.11	-43.09	-277.56	-66.04	-96.68	-86.49	17.22	10.06	4.87	-10.80	51.67
MRPC1TOR25P5_COS		-306.08	-109.51	-106.94	3.95	-9.81	19.28	-20.89	19.03	8.45	4.10	7.09	3.07	0.86	-2.86	-8.14	-4.38
MRPC1TOR25P5_SIN		0.00	-108.71	-160.88	-86.22	-3.33	-18.67	35.07	47.24	-1.62	-6.33	-12.02	6.89	10.88	8.28	5.66	0.43
MRPLK1LOAD_COS		4.87	-17.86	-14.10	-0.91	-2.75	3.87	-4.01	3.20	2.21	0.69	1.32	-0.07	0.20	-0.36	-1.77	-0.93
MRPLK1LOAD_SIN		0.00	-7.84	-22.38	-15.54	-0.80	-2.63	5.15	7.01	-0.06	-0.64	-1.06	0.07	1.34	1.40	0.74	0.03
PITCHRH_COS		9802.64	-8641.18	17.79	173.98	-30.31	-394.19	134.46	-110.63	61.15	-28.29	136.40	12.60	14.54	-9.40	-17.88	-156.48
PITCHRH_SIN		0.00	799.72	-1269.71	-45.29	-38.42	657.59	-76.89	115.06	171.25	33.10	-269.55	58.28	-18.08	-0.02	25.97	11.90
ROLLRH_COS		6253.56	-917.13	1353.24	-104.08	75.68	-2301.24	-113.41	23.62	-114.70	105.17	215.44	-13.09	6.26	-41.59	18.22	122.26
ROLLRH_SIN		0.00	-8678.51	46.52	213.82	143.31	809.94	-97.69	-157.64	-61.40	-29.77	14.24	7.43	-15.63	2.37	-16.48	221.17
TORQ_COS		111755.41	393.32	-34.76	150.38	19.54	-23.00	6.05	10.18	-3.06	1.27	-11.14	-5.21	2.45	-0.32	-2.41	7.30
TORQ_SIN		0.00	1091.55	-95.83	141.56	-149.36	107.39	7.86	48.51	-10.56	-4.60	53.08	3.57	-5.71	5.38	-3.96	1.74
THRUST_COS		6059.74	-106.31	5.32	36.86	1.64	54.54	9.09	20.58	-0.75	-5.00	-4.90	-5.04	-0.46	0.63	-0.57	-8.15
THRUST_SIN		0.00	-211.64	-0.91	-9.44	25.85	-69.97	9.05	15.22	-5.66	2.48	46.51	-2.46	-1.35	-0.90	3.64	-29.32

RUN	POINT	Harmonics															
42	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-119.96	41.15	-29.19	3.78	-0.92	40.07	8.24	-1.70	1.74	-4.00	-7.67	0.37	-0.09	1.28	-0.60	-3.56
SIDERH_SIN		0.00	216.87	0.21	-4.21	-6.30	-150.82	-7.23	5.21	2.13	2.83	-5.70	0.33	0.45	0.06	0.60	-6.21
DRAGRH_COS		-39.09	220.64	14.48	-4.48	12.29	161.42	-43.72	-0.28	-3.41	-0.77	-11.89	1.14	-2.17	0.86	1.16	8.20
DRAGRH_SIN		0.00	-36.89	21.65	-2.52	2.18	93.64	3.85	0.04	-5.72	-0.60	9.93	-0.70	1.71	-0.58	-0.59	-1.17

RUN	POINT	Harmonics															
46	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.61	-2.88	-9.03	-0.66	-0.74	-0.21	0.29	-0.11	-0.33	0.01	0.03	0.05	-0.02	-0.09	-0.07	-0.05
ACT1FORCE_SIN		0.00	17.36	-2.17	-2.61	1.34	0.29	0.18	0.43	0.10	-0.07	-0.03	-0.02	0.12	0.07	0.00	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.21	12.56	80.67	11.67	6.11	5.18	-3.35	0.20	0.11	0.15	0.14	0.11	0.07	0.03	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-132.43	13.89	20.74	-11.49	-3.28	-1.11	0.09	0.04	0.01	0.06	0.09	0.11	0.10	0.09	0.08
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.21	-12.47	-80.88	-11.83	-6.09	-5.19	3.34	-0.19	-0.11	-0.13	-0.13	-0.09	-0.04	0.00	0.03	0.03
FA1OBVOLTAGE_SIN		0.00	132.71	-13.75	-20.82	11.45	3.28	1.08	-0.13	-0.07	-0.03	-0.09	-0.11	-0.12	-0.12	-0.09	-0.07
MRBLD1CB42P75_COS		-456.84	-2092.12	484.54	-101.99	-123.87	-72.24	-71.02	6.30	18.58	-25.24	11.24	8.91	-2.97	-8.00	2.69	-6.81
MRBLD1CB42P75_SIN		0.00	1308.37	38.74	88.77	213.89	-93.13	-23.23	-67.33	26.77	28.85	-87.83	19.97	14.85	6.20	-5.13	24.95

RUN	POINT	Harmonics															
46	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4477.95	-1517.45	357.16	-174.01	-23.75	-93.01	-75.28	-5.95	18.06	-14.73	-11.13	8.15	2.62	-0.61	0.86	2.14
MRBLD1CB70_SIN		0.00	984.31	-79.20	157.17	313.07	-136.90	43.74	-34.36	25.77	33.39	-38.22	9.47	7.88	2.52	-9.00	33.97
MRBLD1CB120_COS		-261.86	-850.93	277.47	-53.10	51.08	-80.85	-51.95	2.49	11.25	15.68	-6.15	-6.99	2.78	4.73	4.08	-1.84
MRBLD1CB120_SIN		0.00	738.57	-104.59	142.13	364.76	-112.79	75.01	-43.67	-26.79	-28.44	51.60	-4.20	-0.54	-0.25	-0.67	3.66
MRBLD1CB164_COS		-1984.75	-272.09	59.89	28.72	17.69	-47.72	-19.10	4.09	-1.81	16.42	9.35	-7.51	-1.46	-0.82	-4.25	-1.29
MRBLD1CB164_SIN		0.00	278.36	-35.04	77.14	156.63	-45.47	37.99	-1.76	-40.12	-41.89	37.62	2.33	0.53	1.57	9.47	-22.51
MRBLD1FB42P75_COS		2552.03	488.16	96.30	776.10	-29.27	-95.97	-113.87	-123.42	-61.40	-79.34	-11.29	15.27	3.50	0.86	6.09	36.23
MRBLD1FB42P75_SIN		0.00	-247.85	375.37	390.24	453.73	171.82	5.16	-240.83	-33.00	-66.46	-123.47	13.84	8.38	-3.21	-35.10	31.49
MRBLD1FB70_COS		614.71	102.76	31.22	220.99	-18.16	-24.75	-21.85	-10.90	1.10	-0.45	-0.14	1.07	0.62	0.52	-0.90	-6.43
MRBLD1FB70_SIN		0.00	-251.00	157.91	96.42	127.66	24.26	1.25	-35.94	4.10	5.78	2.76	2.05	1.62	1.83	6.81	-7.14
MRBLD1FB87_COS		81.87	122.75	-23.41	112.01	-18.64	-14.60	-0.33	10.39	10.75	16.31	4.93	-2.51	0.24	-0.06	-1.51	-8.51
MRBLD1FB87_SIN		0.00	-305.56	115.47	54.81	49.28	3.52	-2.60	19.87	3.09	12.81	30.65	-2.03	0.35	2.87	10.12	-3.68
MRBLD1FB120_COS		-297.33	156.41	-101.81	94.97	-13.32	-16.64	3.48	9.95	-9.36	-7.10	-6.86	-4.54	-3.22	-0.37	2.40	13.46
MRBLD1FB120_SIN		0.00	-433.46	124.73	131.21	12.94	5.45	2.64	57.24	-3.70	-10.16	-16.35	-5.14	-6.10	-7.76	-16.16	5.54
MRBLD1FB164_COS		56.72	142.99	-4.10	75.46	59.61	53.87	30.09	-1.93	6.30	8.68	4.69	1.26	0.74	-2.23	-3.53	-7.58
MRBLD1FB164_SIN		0.00	-554.13	208.50	253.20	-45.56	-31.13	-18.01	-81.05	4.63	14.20	23.41	-0.18	1.93	2.37	6.58	-3.35

RUN	POINT	Harmonics															
46	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-20.43	-7.88	40.66	9.86	47.76	48.80	16.83	-6.35	8.58	24.49	6.53	-14.48	-11.39	-3.88	4.13	16.72
MRBLD1FB180_SIN		0.00	-387.70	143.81	145.42	-45.23	-13.72	-10.89	-72.83	5.42	27.19	59.99	-15.66	-17.69	-15.29	-20.56	6.34
MRBLD1TOR51_COS		-1462.36	172.45	57.32	33.52	4.84	-21.23	10.89	-13.89	-4.74	1.62	-1.37	-1.57	-0.72	1.42	5.95	1.47
MRBLD1TOR51_SIN		0.00	-127.33	150.45	79.61	18.22	10.30	-30.27	-46.82	-0.31	2.08	8.87	-3.18	-5.31	-5.36	-4.18	5.04
MRBLD1TOR71_COS		-318.87	196.88	27.41	17.96	15.46	-8.71	19.40	-12.00	-2.62	3.44	-2.34	-2.09	-0.14	1.67	3.51	0.89
MRBLD1TOR71_SIN		0.00	-120.31	125.25	39.92	-8.29	10.63	-23.98	-29.70	2.36	4.61	13.84	-3.95	-4.53	-3.58	-1.27	3.34
MRBLD1TOR130_COS		-54.46	171.92	34.66	-10.32	22.82	-0.84	16.96	-6.26	0.09	1.66	7.95	-1.73	-1.51	-1.31	-3.95	-1.69
MRBLD1TOR130_SIN		0.00	-88.66	73.32	25.16	-23.51	5.35	-16.99	-29.87	1.31	-2.59	1.24	3.21	2.14	2.22	2.70	-1.65
MRBLD1TOR164_COS		-269.97	89.35	27.91	-23.09	5.23	-6.79	3.59	-5.58	1.19	2.95	0.64	-0.98	0.35	0.53	-1.00	-0.34
MRBLD1TOR164_SIN		0.00	-19.24	13.20	-28.95	-8.85	5.89	-8.36	-10.77	1.56	2.26	3.45	-2.37	-0.81	0.44	-0.34	-0.35
MRFBM1CB26P5_COS		-909.64	-1178.37	226.99	-36.76	-50.08	1.84	3.72	5.30	0.33	-1.66	9.42	0.30	-0.78	-0.52	2.60	-1.75
MRFBM1CB26P5_SIN		0.00	467.34	111.61	-62.93	-26.84	-2.96	-22.25	-11.88	-1.26	-5.37	-12.99	1.84	0.24	-0.34	-0.18	-0.65
MRFBM1FB9_COS		628.06	85.64	-194.48	-126.51	30.23	24.46	9.60	-4.57	0.25	0.74	-3.16	0.20	0.25	0.05	-1.11	1.30
MRFBM1FB9_SIN		0.00	19.55	-191.97	-178.58	-55.86	-2.66	9.78	14.43	2.44	2.48	2.78	-0.62	-0.21	-0.12	-0.20	-1.75
MRFBM1TOR26P5_COS		-104.05	89.95	3.83	-0.42	-0.27	-0.36	0.23	-0.07	-0.12	0.03	-0.22	0.11	0.04	0.02	0.09	0.08
MRFBM1TOR26P5_SIN		0.00	-272.46	2.41	0.40	-0.42	0.18	-0.78	-0.35	0.05	0.11	0.07	0.01	-0.01	-0.05	-0.07	-0.03

RUN	POINT	Harmonics															
46	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		200.48	-1621.31	400.39	-43.86	-115.74	-52.73	-65.18	0.77	19.40	-12.98	12.55	9.35	0.13	-5.32	6.08	-7.49
MRPC1CB33P25_SIN		0.00	1194.68	24.62	39.97	147.74	-43.58	-31.78	-67.87	3.50	-0.29	-70.10	14.52	9.91	4.61	-6.14	22.30
MRPC1FB33P25_COS		1803.80	393.90	-46.50	600.06	-114.34	-125.66	-96.33	-1.10	-25.31	-19.95	66.99	5.78	-1.37	1.59	32.29	-8.97
MRPC1FB33P25_SIN		0.00	-10.77	296.94	456.19	379.56	108.08	-31.84	-252.70	-60.62	-92.61	-99.22	21.97	9.39	0.02	-14.94	53.39
MRPC1TOR25P5_COS		-365.87	-95.60	-87.05	1.93	-13.53	25.42	-13.31	15.32	7.55	2.47	11.55	2.52	-0.57	-2.60	-8.23	-5.24
MRPC1TOR25P5_SIN		0.00	-136.83	-156.47	-71.26	-0.43	-13.63	37.81	42.66	-1.37	-6.56	-14.78	8.48	9.86	7.85	8.00	0.15
MRPLK1LOAD_COS		5.91	-16.23	-11.30	-1.45	-3.37	4.86	-2.81	2.47	2.00	0.36	2.06	-0.12	-0.22	-0.28	-1.65	-1.18
MRPLK1LOAD_SIN		0.00	-12.56	-21.84	-13.00	-0.69	-2.00	5.24	6.32	0.10	-0.62	-1.41	0.35	1.15	1.27	1.26	0.07
PITCHRH_COS		6105.29	-9381.97	189.52	113.38	-90.25	-324.21	-112.81	-144.25	-36.08	3.44	125.05	0.43	22.62	38.74	-11.59	-111.55
PITCHRH_SIN		0.00	2057.32	-1235.21	-60.56	-18.16	1049.19	37.97	30.26	121.80	-54.02	-289.18	40.10	-37.96	-14.95	2.01	41.03
ROLLRH_COS		2655.32	-2066.74	1489.99	-45.07	-21.93	-2406.44	-34.41	81.02	-10.53	134.68	200.96	-24.84	30.76	-94.74	62.41	84.88
ROLLRH_SIN		0.00	-9458.10	264.04	167.40	164.24	818.17	-182.82	-67.66	-132.31	-13.09	53.81	-9.08	-27.05	15.92	-15.66	252.58
TORQ_COS		104227.13	469.39	-2.82	159.90	50.75	-41.00	2.76	-14.12	-2.23	1.27	-17.53	-3.22	2.69	-2.02	-3.96	5.95
TORQ_SIN		0.00	1129.97	-103.10	111.63	-117.18	38.83	15.62	40.95	-8.59	-4.40	59.10	3.92	-6.72	4.87	-4.51	2.54
THRUST_COS		5662.50	-184.42	15.59	34.39	-3.99	55.21	8.35	11.72	0.67	-8.94	-7.65	-6.35	-3.73	-0.29	1.35	-9.71
THRUST_SIN		0.00	-195.40	-3.05	-13.11	23.45	-74.00	12.38	19.13	-5.01	2.37	53.47	-4.30	-1.67	1.70	5.09	-28.75

RUN	POINT	Harmonics															
46	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.77	66.28	-42.81	6.51	-3.32	55.81	5.66	-3.40	-1.71	-5.48	-7.35	0.60	-1.15	2.32	-2.00	-2.23
SIDERH_SIN		0.00	231.13	-13.02	-6.19	-20.21	-145.05	5.37	1.88	2.16	0.81	-7.96	0.82	0.37	-0.59	0.16	-7.37
DRAGRH_COS		-135.73	234.10	17.94	-2.06	14.59	106.21	-4.33	-2.53	-0.53	-2.65	-12.35	1.62	-1.64	-0.02	0.63	5.50
DRAGRH_SIN		0.00	-60.40	20.93	-1.99	5.78	81.38	10.64	-1.85	-6.96	4.97	10.10	-2.34	2.17	0.40	0.62	-2.26

RUN	POINT	Harmonics															
46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.48	-2.66	-8.55	-0.58	-0.80	-0.25	0.15	-0.04	-0.27	0.02	0.07	0.06	-0.02	-0.11	-0.06	-0.07
ACT1FORCE_SIN		0.00	17.52	-2.07	-2.49	1.33	0.36	0.12	0.42	0.14	-0.05	-0.05	-0.05	0.09	0.04	-0.01	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		388.40	11.06	73.75	9.88	9.59	4.49	-1.45	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-133.94	13.16	25.27	-8.10	-4.00	2.15	0.03	-0.01	-0.01	0.01	0.00	-0.01	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		417.02	-11.00	-73.91	-9.99	-9.58	-4.49	1.44	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	134.23	-13.08	-25.36	8.07	4.01	-2.16	-0.04	0.01	0.01	-0.01	-0.01	0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS		-514.10	-1830.70	470.89	-97.64	-119.99	-60.73	-58.98	-20.45	15.87	-25.40	18.38	11.07	-5.94	-5.98	-3.71	-8.65
MRBLD1CB42P75_SIN		0.00	1171.75	45.66	79.89	216.83	-93.15	-24.78	-62.53	18.22	27.66	-75.78	18.65	12.98	6.26	-1.88	19.43

RUN	POINT	Harmonics															
46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4450.82	-1336.94	348.19	-170.06	-20.70	-72.74	-62.97	-25.19	13.20	-14.23	-8.37	9.67	-1.28	0.54	-2.88	-2.69
MRBLD1CB70_SIN		0.00	901.16	-78.54	149.68	333.50	-148.13	33.90	-32.43	16.49	30.62	-30.48	9.78	7.32	2.05	-6.34	29.53
MRBLD1CB120_COS		-273.08	-773.37	273.83	-45.53	50.95	-58.10	-43.42	-5.70	2.20	15.12	-9.30	-8.80	3.17	4.54	3.42	-2.00
MRBLD1CB120_SIN		0.00	709.63	-106.42	136.23	383.81	-126.92	66.02	-36.89	-28.32	-31.06	44.24	-3.38	0.77	0.66	-0.89	2.82
MRBLD1CB164_COS		-1983.83	-254.47	58.91	31.51	17.12	-40.70	-18.54	9.97	-7.27	12.97	7.90	-9.46	0.36	-1.20	-2.25	2.09
MRBLD1CB164_SIN		0.00	272.78	-35.42	78.15	163.57	-52.33	35.95	-0.29	-36.45	-42.74	31.38	1.49	1.22	2.45	8.42	-18.96
MRBLD1FB42P75_COS		2574.17	427.82	71.98	764.12	-35.95	-90.20	-106.11	-160.95	-73.23	-84.55	-6.56	10.43	0.29	2.30	0.92	25.87
MRBLD1FB42P75_SIN		0.00	-200.43	370.43	386.65	426.59	180.42	6.54	-188.11	-33.87	-63.81	-122.40	12.62	10.06	0.17	-16.91	27.28
MRBLD1FB70_COS		619.32	103.37	26.24	218.87	-18.31	-21.49	-19.36	-17.55	-0.37	-0.84	0.22	1.01	0.24	-0.12	0.13	-4.35
MRBLD1FB70_SIN		0.00	-244.58	158.39	96.04	121.37	26.02	1.04	-26.50	4.16	5.91	3.14	1.98	1.41	1.12	3.11	-6.19
MRBLD1FB87_COS		83.56	121.02	-23.37	111.24	-19.24	-14.14	-1.42	13.68	12.02	17.00	3.32	-1.50	0.92	-0.36	-0.11	-6.06
MRBLD1FB87_SIN		0.00	-301.49	115.97	56.74	47.35	3.93	-2.83	15.11	3.30	12.05	30.18	-1.62	-0.20	1.87	5.98	-2.84
MRBLD1FB120_COS		-298.14	152.17	-101.15	89.40	-14.59	-20.90	-1.56	19.00	-7.24	-7.03	-6.53	-5.16	-3.47	0.31	0.39	10.35
MRBLD1FB120_SIN		0.00	-434.49	127.48	134.90	15.82	5.82	2.58	43.59	-3.94	-9.81	-16.23	-5.03	-5.18	-6.03	-9.98	4.40
MRBLD1FB164_COS		58.74	140.27	-8.61	67.95	64.37	54.44	38.97	-15.97	3.34	8.52	3.71	1.75	1.05	-2.49	-2.67	-5.72
MRBLD1FB164_SIN		0.00	-552.41	213.59	246.57	-37.30	-33.74	-15.25	-60.15	7.20	15.55	23.78	0.81	2.01	1.47	3.51	-2.35

RUN	POINT	Harmonics															
46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-17.82	-8.65	36.22	6.36	49.36	50.49	22.70	-19.85	5.51	23.54	2.74	-14.18	-10.40	-3.27	1.23	12.81
MRBLD1FB180_SIN		0.00	-387.54	148.27	140.19	-40.33	-15.14	-9.48	-55.38	8.22	27.45	61.38	-12.46	-16.07	-12.10	-12.59	4.50
MRBLD1TOR51_COS		-1459.25	173.68	53.05	32.12	10.87	-19.05	11.19	-21.55	-5.77	-0.19	-2.18	-1.53	-0.60	1.37	4.20	1.54
MRBLD1TOR51_SIN		0.00	-127.30	150.17	77.53	15.97	10.70	-26.70	-34.53	0.60	1.61	9.02	-2.93	-5.32	-4.34	-2.90	3.89
MRBLD1TOR71_COS		-316.19	194.92	24.28	16.91	20.56	-7.20	18.62	-16.32	-3.26	1.70	-3.53	-2.08	0.31	1.47	2.15	0.95
MRBLD1TOR71_SIN		0.00	-118.29	125.19	38.47	-9.88	10.71	-20.64	-19.66	3.74	3.97	13.68	-3.39	-4.51	-3.09	-0.99	2.69
MRBLD1TOR130_COS		-52.36	171.22	32.21	-10.95	26.92	0.41	16.62	-10.49	-0.57	0.10	7.47	-1.59	-1.07	-1.11	-3.76	-1.85
MRBLD1TOR130_SIN		0.00	-87.77	73.75	23.31	-24.10	4.85	-14.26	-21.57	1.59	-3.43	1.93	3.13	1.73	1.64	1.87	-1.12
MRBLD1TOR164_COS		-269.53	89.84	27.50	-22.64	7.37	-6.09	2.48	-6.34	1.00	2.46	0.12	-1.07	0.34	0.21	-2.01	-0.93
MRBLD1TOR164_SIN		0.00	-18.98	12.80	-29.02	-10.55	6.43	-7.66	-7.92	1.36	1.22	3.48	-2.01	-0.49	0.31	-0.55	-0.32
MRFBM1CB26P5_COS		-933.23	-995.96	214.40	-35.47	-48.26	0.57	3.23	2.59	1.00	-1.84	10.41	0.21	-0.57	-0.67	1.37	-1.33
MRFBM1CB26P5_SIN		0.00	413.57	110.93	-65.10	-29.70	-0.69	-19.76	-11.49	-1.35	-4.98	-12.34	1.46	0.22	-0.01	0.14	-1.13
MRFBM1FB9_COS		624.02	-33.22	-180.04	-123.00	31.32	24.87	10.22	-0.25	1.00	1.16	-2.96	0.45	0.65	0.24	-0.55	1.19
MRFBM1FB9_SIN		0.00	80.60	-195.94	-179.35	-54.43	-3.79	9.36	14.06	3.35	2.79	2.65	-0.20	0.23	0.19	0.23	-1.13
MRFBM1TOR26P5_COS		-105.60	94.16	3.53	-0.35	-0.09	-0.46	0.34	-0.13	-0.16	0.06	-0.21	0.09	0.00	0.02	0.12	0.08
MRFBM1TOR26P5_SIN		0.00	-265.58	2.58	0.43	-0.41	0.18	-0.77	-0.27	0.08	0.16	0.03	-0.01	-0.01	-0.03	-0.04	-0.03

RUN	POINT	Harmonics															
46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		189.65	-1440.08	391.89	-39.50	-115.35	-47.34	-56.03	-18.96	16.28	-13.46	19.49	9.38	-2.02	-3.39	0.36	-9.05
MRPC1CB33P25_SIN		0.00	1068.00	33.55	29.32	138.10	-38.61	-30.18	-61.23	-2.26	-1.01	-63.83	13.74	9.03	5.39	-2.62	16.52
MRPC1FB33P25_COS		1821.52	339.29	-66.82	590.18	-114.88	-123.25	-90.07	-51.07	-33.67	-24.24	71.17	3.71	-4.49	0.94	14.14	-11.85
MRPC1FB33P25_SIN		0.00	27.54	287.33	451.12	356.13	116.21	-28.26	-226.76	-67.82	-93.93	-95.54	18.36	8.91	3.32	-7.51	42.21
MRPC1TOR25P5_COS		-360.96	-87.86	-84.47	2.72	-20.56	23.26	-14.09	21.29	8.15	4.03	12.60	2.67	0.16	-2.49	-8.66	-6.05
MRPC1TOR25P5_SIN		0.00	-126.87	-156.76	-68.96	1.95	-13.99	34.06	29.74	-3.24	-6.37	-13.50	8.24	9.76	6.87	6.20	0.66
MRPLK1LOAD_COS		5.22	-14.69	-10.92	-1.37	-4.35	4.72	-3.02	3.42	2.24	0.50	2.11	0.04	0.04	-0.23	-1.75	-1.31
MRPLK1LOAD_SIN		0.00	-11.07	-21.87	-12.72	-0.41	-1.96	4.72	4.49	-0.22	-0.80	-1.12	0.44	1.14	1.01	0.77	0.18
PITCHRH_COS		7845.42	-9467.73	174.89	151.03	-71.21	-379.80	-157.05	-79.49	-46.20	11.59	119.42	8.37	31.22	4.10	-16.54	-125.02
PITCHRH_SIN		0.00	1997.37	-1325.76	-82.44	-55.04	983.12	9.07	48.07	42.88	-27.27	-283.49	24.00	-19.37	2.18	-6.54	62.21
ROLLRH_COS		1426.37	-2000.06	1566.35	1.87	-9.76	-2301.78	-40.57	38.78	12.90	121.14	213.03	-17.59	20.62	-60.42	70.51	54.62
ROLLRH_SIN		0.00	-9493.72	299.49	203.45	129.44	740.82	-154.08	-85.60	-154.07	-8.27	18.99	-11.99	10.31	41.51	-18.58	189.89
TORQ_COS		103850.02	459.98	-13.91	154.07	38.94	-31.91	3.71	2.15	-8.97	3.72	-23.06	-4.06	2.45	-1.45	-3.14	5.22
TORQ_SIN		0.00	1110.97	-107.69	103.36	-132.76	32.40	14.51	43.01	-12.15	-5.50	54.59	2.61	-6.93	5.01	-4.72	2.01
THRUST_COS		5671.68	-187.42	14.93	35.78	-1.52	51.41	4.55	16.04	2.39	-8.57	-12.83	-4.55	-1.99	-0.40	-1.46	-5.63
THRUST_SIN		0.00	-202.22	-3.79	-14.54	24.95	-80.71	12.89	16.76	-4.09	-0.78	55.32	-4.43	-1.49	-2.28	4.07	-29.64

RUN	POINT	Harmonics															
46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.36	65.66	-47.01	4.12	5.13	51.36	2.24	-1.88	-1.30	-5.07	-7.44	0.43	-0.83	1.52	-2.22	-1.48
SIDERH_SIN		0.00	231.53	-12.96	-3.49	-11.06	-134.00	5.04	1.50	3.49	0.92	-6.20	0.24	-0.70	-1.56	0.42	-5.19
DRAGRH_COS		-113.31	235.09	19.69	-4.07	12.43	116.83	-8.58	-2.99	-2.03	-3.16	-9.46	-0.05	-2.39	0.47	0.67	6.85
DRAGRH_SIN		0.00	-58.72	21.10	-1.03	6.20	82.52	15.77	-1.80	-6.18	2.85	10.01	-0.45	1.61	-0.29	0.48	-4.02

RUN	POINT	Harmonics															
46	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.93	-2.63	-8.71	-0.51	-0.73	-0.05	0.30	-0.05	-0.25	-0.03	0.07	0.06	-0.01	-0.09	-0.07	-0.07
ACT1FORCE_SIN		0.00	17.64	-2.11	-2.73	1.46	0.25	0.11	0.48	0.20	-0.02	-0.07	-0.04	0.08	0.07	0.00	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		398.55	8.65	71.32	10.90	6.87	-0.81	-1.29	0.02	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-133.71	16.59	28.54	-12.85	-0.26	3.73	0.01	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		406.81	-8.54	-71.50	-11.04	-6.84	0.81	1.27	-0.01	0.00	0.01	0.00	-0.01	0.00	0.00	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	134.00	-16.45	-28.62	12.84	0.27	-3.73	-0.03	0.01	0.01	0.01	0.00	0.00	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-540.35	-1734.84	497.74	-96.66	-119.19	-86.97	-64.04	-21.25	17.33	-20.79	8.89	19.15	-3.83	-7.82	0.20	-2.42
MRBLD1CB42P75_SIN		0.00	1357.62	49.16	92.34	212.46	-86.21	-20.89	-73.86	22.97	34.42	-92.69	14.70	14.98	8.62	-2.17	24.58

RUN	POINT	Harmonics															
46	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4439.29	-1283.82	366.88	-172.08	-14.51	-121.63	-64.34	-21.83	16.63	-9.15	-15.07	14.58	0.32	-1.46	-1.75	7.01
MRBLD1CB70_SIN		0.00	1029.98	-78.32	159.45	325.06	-127.27	36.05	-37.99	19.88	36.34	-38.27	5.75	7.27	3.74	-6.59	33.72
MRBLD1CB120_COS		-278.57	-759.04	283.94	-52.81	52.47	-108.80	-40.94	1.41	3.53	11.48	-4.23	-12.14	3.85	5.13	4.21	-1.05
MRBLD1CB120_SIN		0.00	765.65	-108.06	144.58	381.48	-104.25	62.84	-40.57	-33.09	-37.26	51.83	-1.38	-0.87	-0.38	-1.79	4.14
MRBLD1CB164_COS		-1986.53	-253.09	60.50	28.97	17.40	-60.79	-15.25	13.89	-8.49	9.12	13.26	-11.97	0.82	0.39	-1.53	-4.43
MRBLD1CB164_SIN		0.00	284.18	-35.63	78.68	162.55	-43.30	34.24	1.94	-42.30	-50.36	36.36	4.66	0.98	1.42	8.86	-23.15
MRBLD1FB42P75_COS		2582.03	402.29	94.10	774.84	-62.97	-94.47	-114.04	-180.85	-80.61	-100.11	-22.33	18.48	2.68	1.15	2.11	40.74
MRBLD1FB42P75_SIN		0.00	-251.16	368.79	400.50	461.08	170.24	-0.15	-224.33	-32.84	-69.26	-139.72	5.91	8.42	0.52	-28.75	24.87
MRBLD1FB70_COS		613.63	103.53	33.99	220.49	-26.29	-24.05	-20.60	-20.27	-0.33	-0.55	0.35	1.08	0.59	0.65	0.18	-7.35
MRBLD1FB70_SIN		0.00	-253.32	160.26	100.78	129.87	25.62	0.03	-32.71	4.01	5.71	2.73	1.96	1.26	0.74	5.32	-5.75
MRBLD1FB87_COS		75.48	120.07	-20.61	111.34	-22.15	-13.98	-0.52	15.78	13.27	19.87	7.47	-3.23	0.86	0.47	-0.01	-8.70
MRBLD1FB87_SIN		0.00	-309.98	118.64	58.32	50.52	4.44	-2.27	18.79	3.38	13.37	34.12	0.32	0.26	1.92	8.89	-1.96
MRBLD1FB120_COS		-302.83	152.81	-101.68	93.52	-9.69	-17.59	2.28	23.21	-7.24	-8.12	-8.26	-4.79	-4.29	-1.05	0.08	13.71
MRBLD1FB120_SIN		0.00	-440.31	129.88	130.89	12.82	5.85	3.58	51.91	-3.79	-10.51	-17.41	-6.16	-5.55	-6.45	-14.08	2.98
MRBLD1FB164_COS		56.74	138.21	-6.13	76.91	74.88	56.53	34.43	-21.77	3.05	10.31	7.07	0.89	1.47	-1.97	-2.85	-7.61
MRBLD1FB164_SIN		0.00	-556.18	214.55	247.31	-41.95	-36.06	-16.77	-75.10	6.00	16.31	25.49	2.23	2.03	1.64	5.88	-1.88

RUN	POINT	Harmonics															
46	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.28	-14.33	39.36	11.72	56.06	52.07	18.96	-24.19	4.94	27.94	11.54	-18.42	-13.71	-6.33	0.37	17.16
MRBLD1FB180_SIN		0.00	-387.97	147.72	141.80	-43.00	-15.75	-10.87	-68.92	6.80	28.56	67.68	-10.53	-16.88	-12.85	-18.42	3.26
MRBLD1TOR51_COS		-1461.53	173.96	60.50	31.62	4.95	-22.69	9.99	-26.14	-4.93	1.41	-0.87	-2.32	-0.95	0.95	4.97	2.46
MRBLD1TOR51_SIN		0.00	-128.53	151.20	82.90	14.86	8.07	-32.64	-41.26	0.91	2.23	10.17	-2.87	-5.88	-5.13	-4.42	5.07
MRBLD1TOR71_COS		-317.29	194.39	29.71	15.95	16.24	-9.29	18.06	-20.52	-2.31	3.49	-2.06	-3.51	-0.40	1.17	2.87	1.37
MRBLD1TOR71_SIN		0.00	-122.57	126.29	42.22	-11.76	8.27	-25.90	-24.10	4.10	4.92	15.48	-3.45	-4.88	-3.54	-1.79	3.23
MRBLD1TOR130_COS		-52.52	171.15	35.68	-11.46	24.61	-1.22	15.92	-14.16	-0.03	1.00	8.48	-1.50	-1.39	-1.08	-3.33	-1.89
MRBLD1TOR130_SIN		0.00	-90.69	74.15	26.17	-26.25	2.93	-18.50	-25.60	1.94	-3.44	0.24	3.21	2.46	2.40	2.75	-1.64
MRBLD1TOR164_COS		-269.27	90.17	29.10	-24.00	4.25	-7.40	2.74	-8.25	1.36	3.35	0.50	-1.54	-0.05	0.09	-1.28	-0.38
MRBLD1TOR164_SIN		0.00	-19.72	12.75	-27.83	-11.13	5.45	-9.99	-8.42	1.96	1.57	3.38	-2.50	-0.46	0.53	-0.24	-0.73
MRFBM1CB26P5_COS		-957.34	-958.71	223.40	-36.20	-48.51	4.41	2.30	1.54	0.59	-2.38	10.24	1.01	-0.45	-0.58	2.30	-1.62
MRFBM1CB26P5_SIN		0.00	519.49	112.98	-63.58	-30.55	-4.41	-19.46	-13.17	-0.96	-5.34	-14.63	1.76	0.54	-0.20	-0.34	-0.65
MRFBM1FB9_COS		645.64	-89.29	-191.61	-124.24	35.78	26.01	10.18	-0.77	1.19	1.27	-3.17	0.04	0.49	0.11	-0.94	0.85
MRFBM1FB9_SIN		0.00	11.89	-197.35	-183.52	-57.04	-4.01	9.96	15.99	3.37	3.11	3.45	-0.44	0.14	0.15	0.15	-1.69
MRFBM1TOR26P5_COS		-107.24	88.87	3.54	-0.33	-0.15	-0.48	0.26	-0.12	-0.16	0.02	-0.21	0.11	0.04	0.02	0.09	0.07
MRFBM1TOR26P5_SIN		0.00	-261.18	2.54	0.58	-0.48	0.15	-0.80	-0.34	0.04	0.16	0.11	0.01	-0.04	-0.05	-0.06	-0.02

RUN	POINT	Harmonics															
46	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		154.79	-1348.22	420.55	-34.74	-116.10	-57.67	-60.47	-20.72	16.85	-12.49	12.37	15.58	-0.18	-4.92	4.09	-3.58
MRPC1CB33P25_SIN		0.00	1214.28	35.41	42.23	138.10	-39.72	-27.06	-71.11	-0.27	-0.04	-76.91	10.39	9.97	6.69	-4.36	21.65
MRPC1FB33P25_COS		1825.90	322.56	-45.34	598.07	-143.02	-124.14	-94.52	-52.48	-39.85	-33.81	68.45	14.55	-2.15	-1.22	24.61	-0.01
MRPC1FB33P25_SIN		0.00	-17.84	288.01	464.06	378.09	107.43	-36.20	-262.84	-70.21	-105.51	-118.59	18.28	9.32	2.28	-14.49	53.53
MRPC1TOR25P5_COS		-366.15	-93.15	-90.37	4.05	-14.87	27.23	-11.71	26.25	7.52	2.75	11.52	4.14	0.05	-2.47	-7.42	-5.34
MRPC1TOR25P5_SIN		0.00	-118.46	-157.07	-74.16	3.41	-11.42	40.25	35.86	-3.54	-7.95	-17.83	7.78	11.26	8.18	7.93	-0.02
MRPLK1LOAD_COS		4.69	-15.37	-11.71	-1.21	-3.53	5.15	-2.67	4.01	2.18	0.45	2.02	0.05	-0.14	-0.26	-1.51	-1.20
MRPLK1LOAD_SIN		0.00	-9.73	-21.89	-13.56	-0.17	-1.60	5.62	5.41	-0.18	-0.92	-1.83	0.28	1.40	1.30	1.20	0.04
PITCHRH_COS		8644.83	-9446.21	168.27	140.25	-43.93	-387.61	-22.53	-135.18	64.55	-23.93	101.19	5.23	21.16	34.05	-12.26	-133.05
PITCHRH_SIN		0.00	2079.23	-1339.49	-84.14	-4.84	1075.99	107.93	19.55	60.30	-64.44	-319.68	46.78	-20.65	-3.12	-1.24	55.77
ROLLRH_COS		2579.93	-2024.06	1557.27	-31.69	-56.77	-2368.54	-88.79	36.22	75.77	142.54	232.38	-25.81	27.56	-60.14	59.38	94.39
ROLLRH_SIN		0.00	-9470.36	276.22	207.40	196.76	766.96	-185.66	-99.79	-129.35	-23.91	-0.59	-9.98	-3.37	31.48	-35.97	219.08
TORQ_COS		103499.52	486.50	-13.40	173.94	44.28	-15.67	4.45	4.06	-6.85	2.14	-17.94	-5.57	2.51	-1.72	-4.98	6.44
TORQ_SIN		0.00	1128.08	-104.28	111.64	-115.23	37.75	13.75	48.72	-11.92	-6.42	62.15	3.02	-5.76	4.11	-3.79	1.93
THRUST_COS		5742.42	-186.62	16.13	39.05	-0.47	57.29	9.61	17.69	1.33	-8.54	-5.01	-8.58	-4.11	0.74	1.45	-14.19
THRUST_SIN		0.00	-205.20	-3.98	-15.61	24.46	-78.57	10.14	16.58	-3.38	2.06	57.41	-2.22	-1.00	1.19	4.53	-30.81

RUN	POINT	Harmonics															
46	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.87	64.52	-43.33	5.26	-1.65	56.24	11.62	-2.71	-3.94	-5.96	-8.62	0.68	-1.24	1.33	-1.92	-2.61
SIDERH_SIN		0.00	226.31	-11.80	-2.32	-19.64	-136.95	3.33	2.13	2.69	1.63	-5.95	0.41	-0.12	-0.96	0.94	-6.35
DRAGRH_COS		-97.40	233.67	19.69	-4.17	11.31	110.42	-8.86	-3.61	-2.95	-0.83	-9.76	0.04	-1.16	-0.46	0.56	6.73
DRAGRH_SIN		0.00	-61.98	22.43	-2.07	5.86	71.07	-2.79	1.32	-5.05	5.65	12.82	-0.43	3.22	0.38	0.70	-3.08

RUN	POINT	Harmonics															
46	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-30.96	-2.55	-9.30	-0.71	-0.80	-0.34	0.24	-0.12	-0.29	-0.11	0.07	-0.02	-0.02	-0.05	-0.04	0.02
ACT1FORCE_SIN		0.00	17.68	-1.80	-2.50	1.27	0.55	0.22	0.45	0.16	-0.04	-0.12	-0.06	-0.01	0.07	-0.04	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		392.64	9.92	81.38	4.78	4.37	4.58	-6.51	0.03	0.02	0.00	0.02	0.01	-0.01	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-132.50	7.33	23.22	-7.41	-6.01	-0.59	0.00	0.01	0.00	-0.01	0.02	0.00	-0.02	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		412.73	-9.81	-81.57	-4.90	-4.34	-4.57	6.52	-0.03	-0.03	0.00	-0.02	-0.01	0.00	-0.02	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	132.78	-7.18	-23.29	7.37	6.05	0.58	-0.01	0.00	-0.01	0.02	-0.03	0.00	0.02	-0.01	0.00
MRBLD1CB42P75_COS		-274.09	-1457.33	560.71	-117.53	-109.93	-75.61	-73.15	-17.38	13.93	-21.76	0.57	14.98	-1.63	-6.98	0.21	-2.70
MRBLD1CB42P75_SIN		0.00	2039.76	42.11	98.12	228.67	-116.50	-19.82	-67.98	18.76	28.19	-70.94	1.28	9.65	8.33	-4.74	22.04

RUN	POINT	Harmonics															
46	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4526.58	-1132.68	411.88	-212.22	-24.61	-89.67	-72.03	-16.72	15.28	-10.57	-18.48	10.40	0.92	0.50	-0.60	5.36
MRBLD1CB70_SIN		0.00	1490.95	-69.26	152.97	385.20	-165.66	47.34	-32.02	15.55	28.96	-27.42	-2.74	4.57	4.34	-9.88	31.36
MRBLD1CB120_COS		-251.80	-703.80	324.34	-89.47	41.55	-70.77	-44.51	7.81	8.23	11.44	-2.47	-10.02	3.41	5.40	4.41	-0.91
MRBLD1CB120_SIN		0.00	962.73	-81.63	127.74	445.61	-131.98	85.65	-35.01	-36.96	-34.96	39.06	4.10	1.46	0.25	-0.92	3.33
MRBLD1CB164_COS		-1974.61	-245.43	74.92	12.10	13.68	-45.16	-15.63	15.43	-4.30	7.56	14.03	-8.72	0.54	-0.48	-3.55	-3.42
MRBLD1CB164_SIN		0.00	339.98	-22.24	76.23	185.56	-48.02	47.76	2.16	-43.05	-45.24	26.55	9.90	2.48	0.11	10.01	-21.29
MRBLD1FB42P75_COS		2573.54	314.23	121.59	712.20	-49.43	-106.77	-112.81	-159.89	-78.71	-91.41	-25.95	8.50	2.88	2.08	2.34	35.49
MRBLD1FB42P75_SIN		0.00	-387.75	352.80	442.38	402.28	162.12	-7.33	-204.08	-42.74	-56.69	-115.03	0.47	5.92	1.20	-28.14	21.08
MRBLD1FB70_COS		637.49	96.68	34.39	199.66	-22.00	-27.29	-22.54	-17.48	-1.65	-1.09	-0.43	0.80	0.17	0.30	0.04	-6.43
MRBLD1FB70_SIN		0.00	-238.44	152.15	115.99	117.95	22.77	0.05	-29.11	3.05	5.74	3.13	1.73	1.31	0.43	5.12	-5.02
MRBLD1FB87_COS		87.73	113.70	-24.67	100.66	-19.51	-14.34	-0.54	14.46	12.87	18.45	7.89	-0.82	0.52	0.02	-0.23	-7.65
MRBLD1FB87_SIN		0.00	-304.44	111.69	66.66	44.33	4.25	-2.52	16.61	4.13	10.43	27.38	1.02	-0.04	1.01	8.02	-1.88
MRBLD1FB120_COS		-292.60	140.73	-111.42	79.25	-14.23	-17.92	2.11	18.36	-6.30	-7.44	-7.24	-5.65	-3.93	-0.49	0.48	12.81
MRBLD1FB120_SIN		0.00	-440.25	118.92	148.67	9.94	10.30	3.98	49.11	-0.90	-8.42	-14.37	-5.70	-4.79	-4.66	-12.68	3.15
MRBLD1FB164_COS		96.67	121.55	-18.12	59.15	64.35	56.23	33.19	-16.05	1.36	10.84	7.80	2.22	1.21	-1.88	-3.09	-6.87
MRBLD1FB164_SIN		0.00	-562.41	195.91	262.04	-23.45	-31.95	-17.59	-68.07	2.22	12.23	21.18	1.97	1.02	0.87	5.08	-1.61

RUN	POINT	Harmonics															
46	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		20.80	-29.84	34.57	1.68	52.27	51.37	15.79	-17.35	5.42	26.20	14.79	-11.95	-11.84	-4.84	0.77	15.48
MRBLD1FB180_SIN		0.00	-395.61	139.10	145.78	-30.14	-14.14	-11.86	-65.01	6.48	22.56	54.19	-7.06	-13.62	-9.84	-14.60	3.57
MRBLD1TOR51_COS		-1441.76	181.43	67.72	27.86	4.44	-12.31	11.89	-20.55	-4.85	0.30	0.10	-1.94	-1.38	0.66	4.46	2.28
MRBLD1TOR51_SIN		0.00	-112.74	150.46	86.73	21.87	12.43	-34.33	-40.87	-1.55	2.84	8.78	-2.22	-5.49	-4.37	-3.84	3.90
MRBLD1TOR71_COS		-308.16	197.42	32.66	16.53	15.46	-0.10	20.46	-15.49	-2.67	2.27	-0.45	-2.66	-0.42	0.78	1.97	1.17
MRBLD1TOR71_SIN		0.00	-116.09	125.14	44.52	-5.81	13.68	-27.09	-24.89	2.05	5.05	13.69	-2.32	-4.55	-3.00	-1.28	2.54
MRBLD1TOR130_COS		-44.59	174.53	35.01	-7.73	23.31	5.96	18.35	-9.99	-0.67	-0.26	7.26	-0.56	-0.48	-1.15	-3.87	-1.90
MRBLD1TOR130_SIN		0.00	-82.43	71.65	27.06	-20.70	7.40	-18.79	-25.75	-0.34	-2.90	1.25	2.02	1.87	1.98	2.40	-1.21
MRBLD1TOR164_COS		-269.76	95.88	27.14	-17.84	6.27	-4.44	4.77	-5.97	0.41	2.43	1.09	-0.83	0.52	0.03	-1.63	-0.81
MRBLD1TOR164_SIN		0.00	-10.69	13.31	-29.69	-9.81	7.15	-10.44	-8.85	1.10	1.05	3.57	-2.42	-0.32	0.58	-0.04	0.12
MRFBM1CB26P5_COS		-696.15	-918.73	245.08	-25.52	-49.35	3.17	3.39	1.94	0.08	-2.14	9.00	1.01	-0.24	-1.02	1.88	-1.50
MRFBM1CB26P5_SIN		0.00	946.11	125.91	-73.21	-43.98	-5.34	-23.12	-14.01	-0.80	-4.15	-12.35	1.31	0.39	-0.20	0.19	-0.74
MRFBM1FB9_COS		769.43	-259.83	-206.24	-106.85	32.52	25.78	10.71	-1.03	0.98	1.45	-2.14	-0.01	0.43	0.19	-0.96	0.88
MRFBM1FB9_SIN		0.00	-175.12	-186.26	-187.32	-51.48	-2.37	10.29	14.10	3.61	2.89	3.31	0.14	0.11	0.15	0.19	-1.54
MRFBM1TOR26P5_COS		-86.50	85.71	3.51	-0.51	-0.46	-0.14	0.19	-0.24	-0.13	0.10	-0.20	0.06	-0.01	0.04	0.13	0.08
MRFBM1TOR26P5_SIN		0.00	-267.27	2.52	0.65	-0.12	0.14	-0.95	-0.36	0.06	0.16	0.03	0.05	-0.03	-0.04	-0.05	-0.03

RUN	POINT	Harmonics															
46	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		397.10	-1027.56	487.99	-32.30	-89.29	-61.36	-67.90	-18.64	13.72	-13.40	6.40	12.03	1.76	-4.62	3.62	-4.03
MRPC1CB33P25_SIN		0.00	1709.51	13.39	58.13	130.44	-53.55	-24.25	-65.49	-1.84	-1.27	-60.87	1.79	6.47	6.87	-5.26	19.23
MRPC1FB33P25_COS		1816.43	257.37	-17.45	537.82	-120.83	-131.60	-91.81	-44.38	-33.47	-33.04	51.55	9.90	0.38	-1.12	23.74	0.45
MRPC1FB33P25_SIN		0.00	-142.75	281.42	488.98	335.08	95.51	-42.25	-239.53	-76.84	-92.36	-101.06	7.79	7.84	4.31	-13.71	47.22
MRPC1TOR25P5_COS		-343.58	-102.83	-96.41	2.39	-14.02	16.21	-14.28	20.58	7.39	3.20	8.66	4.01	1.96	-2.18	-8.27	-5.71
MRPC1TOR25P5_SIN		0.00	-133.34	-155.27	-77.42	-6.21	-18.26	43.03	36.59	-1.91	-7.76	-13.33	5.25	10.04	7.48	7.61	1.63
MRPLK1LOAD_COS		7.04	-17.06	-12.70	-1.20	-3.23	3.47	-2.95	3.47	1.99	0.32	1.74	0.26	0.32	-0.31	-1.76	-1.19
MRPLK1LOAD_SIN		0.00	-11.12	-21.71	-14.06	-1.30	-2.49	6.00	5.46	0.00	-0.91	-1.11	-0.19	1.10	1.12	1.11	0.31
PITCHRH_COS		11350.92	-9072.19	-14.25	176.82	-8.94	-408.12	-7.32	-101.71	28.01	-12.58	79.07	30.72	15.36	10.00	-25.13	-145.20
PITCHRH_SIN		0.00	1924.59	-1355.02	-14.72	-34.52	659.68	138.18	31.23	-69.99	11.30	-304.26	43.86	-38.77	-2.63	10.11	21.15
ROLLRH_COS		6264.13	-2018.18	1525.62	-54.78	89.11	-2109.24	-96.36	28.56	88.27	95.42	213.71	-15.03	21.83	-39.98	33.54	126.39
ROLLRH_SIN		0.00	-9122.95	76.76	223.57	230.05	887.09	-206.76	-167.89	-178.35	-19.20	-6.19	6.69	-13.20	30.98	-1.81	176.23
TORQ_COS		109987.74	569.59	-49.33	151.60	43.94	-20.57	3.14	8.90	-3.01	3.62	-19.04	-4.80	1.72	-1.16	-3.18	6.46
TORQ_SIN		0.00	1117.24	-94.40	110.75	-111.29	77.30	13.01	56.75	-13.27	-6.70	52.41	3.99	-4.39	3.82	-6.18	1.22
THRUST_COS		5985.47	-197.38	10.07	34.70	0.11	50.60	9.62	20.34	-1.68	-7.45	-5.16	-5.88	-1.66	-1.31	-2.28	-10.46
THRUST_SIN		0.00	-187.47	-1.72	-13.12	25.96	-68.69	11.56	17.45	-2.85	0.36	53.12	-3.17	-1.65	-2.46	5.44	-27.76

RUN	POINT	Harmonics															
46	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.01	65.83	-45.03	4.64	-24.71	31.66	11.65	-1.49	-3.44	-4.19	-8.07	0.65	-0.89	0.94	-1.25	-3.67
SIDERH_SIN		0.00	219.62	1.11	-2.64	-19.48	-140.23	3.82	3.66	4.59	1.90	-5.04	-0.32	0.28	-1.06	-0.16	-4.97
DRAGRH_COS		-66.31	225.81	19.80	-4.39	15.25	167.31	-7.29	-4.19	-0.43	-1.82	-9.00	-0.50	-0.86	0.24	1.07	7.43
DRAGRH_SIN		0.00	-56.86	19.69	-2.08	6.73	92.27	-2.91	1.14	-4.12	0.82	12.94	-1.15	3.12	0.05	0.52	-1.92

RUN	POINT	Harmonics															
46	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.46	-2.53	-8.91	-0.68	-1.10	-0.11	0.39	-0.01	-0.34	-0.06	0.04	0.00	-0.03	-0.04	-0.08	0.03
ACT1FORCE_SIN		0.00	17.61	-1.71	-2.62	1.36	0.68	0.05	0.44	0.14	-0.04	-0.08	-0.03	0.02	0.01	-0.02	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		408.45	7.66	70.69	8.43	10.74	-6.73	-9.29	0.03	0.02	0.00	0.00	0.03	-0.01	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-133.30	10.34	33.75	-13.88	-5.28	6.55	-0.01	-0.01	-0.01	0.01	-0.01	-0.02	0.00	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		396.89	-7.55	-70.86	-8.58	-10.73	6.75	9.29	0.00	-0.03	-0.02	0.00	-0.03	0.00	0.02	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	133.59	-10.21	-33.85	13.86	5.30	-6.60	0.00	0.04	0.01	-0.01	0.00	0.00	0.01	0.01	0.02
MRBLD1CB42P75_COS		-275.01	-1385.52	561.26	-109.84	-110.38	-86.17	-74.08	-19.16	21.37	-23.23	14.20	7.10	-0.90	-8.86	-0.62	-6.37
MRBLD1CB42P75_SIN		0.00	2046.87	34.89	95.38	227.25	-120.06	-21.30	-69.07	17.84	28.88	-78.02	8.13	8.13	7.17	-7.95	23.33

RUN	POINT	Harmonics															
46	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4526.74	-1095.86	415.10	-208.42	-33.18	-116.02	-71.12	-14.19	18.79	-10.98	-7.33	6.35	2.78	-0.98	-0.69	2.92
MRBLD1CB70_SIN		0.00	1496.43	-67.31	150.09	381.62	-157.86	46.62	-39.21	14.12	29.19	-31.64	1.09	3.51	3.41	-11.99	32.93
MRBLD1CB120_COS		-253.91	-693.10	330.10	-90.86	29.84	-104.17	-43.97	12.70	6.27	12.77	-9.84	-8.50	1.68	4.78	4.52	-1.72
MRBLD1CB120_SIN		0.00	960.77	-72.85	119.29	450.58	-116.57	85.97	-41.19	-38.32	-36.48	41.10	-0.91	1.45	-0.32	-0.67	3.08
MRBLD1CB164_COS		-1978.95	-244.72	77.16	9.13	7.40	-59.91	-16.07	18.42	-5.49	9.55	5.26	-8.28	-1.40	-0.72	-4.42	-2.07
MRBLD1CB164_SIN		0.00	339.56	-19.77	72.68	189.43	-42.78	47.58	-0.39	-43.10	-47.26	27.95	6.57	2.29	0.95	10.86	-22.51
MRBLD1FB42P75_COS		2584.25	303.41	121.46	705.06	-45.30	-97.04	-110.73	-156.35	-65.97	-88.35	-23.62	4.48	1.85	0.27	-0.43	34.21
MRBLD1FB42P75_SIN		0.00	-386.72	348.52	433.48	427.19	175.17	-6.46	-198.86	-46.10	-60.21	-125.90	9.95	4.26	-0.13	-33.01	27.46
MRBLD1FB70_COS		639.31	98.72	31.87	198.00	-21.88	-26.47	-22.11	-16.94	0.01	-0.93	0.19	1.24	0.42	0.72	0.57	-5.87
MRBLD1FB70_SIN		0.00	-235.20	150.51	112.06	125.58	26.48	-0.08	-28.01	2.82	6.13	3.16	2.18	1.93	1.16	6.23	-6.34
MRBLD1FB87_COS		88.85	113.18	-28.41	99.24	-21.42	-14.70	-0.80	13.52	10.68	17.37	6.90	-0.03	0.44	0.16	0.16	-7.80
MRBLD1FB87_SIN		0.00	-300.29	110.07	65.32	48.15	4.23	-2.13	16.58	5.01	11.69	30.65	-1.22	0.96	1.36	9.22	-3.24
MRBLD1FB120_COS		-291.75	139.66	-114.36	77.13	-16.57	-16.85	0.73	18.66	-8.03	-6.59	-6.66	-6.02	-3.56	-1.03	0.09	12.53
MRBLD1FB120_SIN		0.00	-436.08	114.09	153.03	7.03	9.03	3.18	46.31	-0.94	-10.37	-16.09	-5.65	-6.59	-5.65	-14.74	4.89
MRBLD1FB164_COS		99.97	120.38	-20.48	55.83	68.06	53.82	34.76	-17.04	3.20	8.87	6.16	2.89	0.35	-1.54	-3.21	-7.00
MRBLD1FB164_SIN		0.00	-559.94	192.01	267.00	-35.25	-28.28	-17.31	-60.80	1.23	15.09	23.47	0.91	1.99	0.83	6.26	-2.87

RUN	POINT	Harmonics															
46	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		20.37	-32.00	33.64	-1.36	55.75	49.13	18.86	-19.87	6.86	22.75	11.74	-9.87	-11.36	-4.92	0.83	15.12
MRBLD1FB180_SIN		0.00	-393.79	137.55	147.78	-37.04	-12.77	-10.79	-59.87	5.30	26.15	59.20	-11.63	-15.99	-12.40	-17.88	5.10
MRBLD1TOR51_COS		-1439.92	181.80	68.00	28.72	2.45	-11.04	12.04	-19.88	-3.72	0.57	-0.43	-0.92	-1.17	1.19	4.69	1.85
MRBLD1TOR51_SIN		0.00	-111.47	149.99	83.91	22.80	16.50	-32.06	-39.17	-2.34	3.15	9.58	-2.37	-5.47	-4.80	-3.99	4.28
MRBLD1TOR71_COS		-306.99	196.97	32.25	17.30	13.73	1.53	20.68	-14.83	-2.17	2.45	-1.52	-1.41	-0.39	1.21	2.43	1.06
MRBLD1TOR71_SIN		0.00	-114.70	124.84	42.29	-5.57	16.65	-24.78	-23.25	1.31	5.44	14.91	-2.99	-4.63	-3.48	-1.50	2.63
MRBLD1TOR130_COS		-43.87	174.57	35.01	-6.78	22.83	7.82	18.77	-9.13	0.66	0.30	7.81	-1.31	-0.74	-1.44	-3.72	-1.74
MRBLD1TOR130_SIN		0.00	-81.43	71.39	25.66	-21.52	9.21	-16.77	-23.98	-0.56	-2.55	1.79	1.84	1.61	1.73	2.17	-1.36
MRBLD1TOR164_COS		-269.74	96.23	27.15	-16.49	5.12	-2.97	4.82	-4.88	0.75	2.98	1.15	-0.97	0.87	-0.11	-1.13	-1.06
MRBLD1TOR164_SIN		0.00	-10.22	13.85	-31.12	-8.84	7.88	-9.35	-8.76	1.13	0.91	4.30	-3.18	-0.72	0.22	-0.62	-0.01
MRFBM1CB26P5_COS		-681.91	-897.81	249.09	-23.60	-46.21	7.54	2.55	0.70	1.02	-2.40	9.02	0.21	-0.71	-0.93	1.79	-2.00
MRFBM1CB26P5_SIN		0.00	964.20	124.72	-75.50	-44.79	-10.15	-24.21	-12.35	-0.85	-4.38	-13.42	1.44	0.00	-0.44	-0.28	-0.93
MRFBM1FB9_COS		777.73	-273.97	-206.28	-104.20	33.83	26.39	10.75	-0.93	0.63	1.43	-2.80	0.64	0.46	0.33	-1.02	1.06
MRFBM1FB9_SIN		0.00	-181.33	-182.44	-184.22	-53.63	-3.96	10.95	14.13	3.51	3.06	3.42	0.18	0.26	0.35	0.46	-1.29
MRFBM1TOR26P5_COS		-86.57	85.52	3.55	-0.45	-0.49	-0.12	0.21	-0.27	-0.14	0.08	-0.22	0.09	0.00	0.05	0.11	0.08
MRFBM1TOR26P5_SIN		0.00	-267.28	2.60	0.65	-0.12	0.27	-0.98	-0.37	0.06	0.15	0.00	0.07	-0.01	-0.03	-0.04	-0.03

RUN	POINT	Harmonics															
46	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		374.99	-954.09	484.84	-25.86	-84.88	-64.67	-69.81	-20.48	19.63	-13.93	12.55	7.49	1.96	-6.10	3.52	-7.04
MRPC1CB33P25_SIN		0.00	1708.95	1.31	55.19	129.60	-59.43	-25.00	-63.42	-3.27	-0.85	-66.35	6.45	4.96	5.55	-7.80	20.37
MRPC1FB33P25_COS		1820.45	248.62	-17.09	533.38	-123.52	-127.87	-90.31	-43.59	-21.71	-28.23	60.08	1.37	1.08	-1.24	26.18	-5.99
MRPC1FB33P25_SIN		0.00	-141.38	277.55	480.81	355.25	108.62	-40.55	-233.96	-73.89	-93.55	-108.15	11.52	5.37	1.45	-19.51	48.62
MRPC1TOR25P5_COS		-348.72	-102.06	-95.76	1.71	-12.01	14.36	-14.46	19.74	6.81	3.78	10.37	1.68	1.50	-2.97	-7.67	-5.61
MRPC1TOR25P5_SIN		0.00	-134.86	-155.45	-75.29	-7.17	-22.16	40.19	34.88	-0.85	-7.87	-14.20	5.29	9.36	7.41	6.81	1.06
MRPLK1LOAD_COS		6.63	-17.01	-12.74	-1.32	-3.00	3.23	-3.02	3.43	1.99	0.40	1.99	-0.11	0.22	-0.45	-1.61	-1.21
MRPLK1LOAD_SIN		0.00	-11.16	-21.74	-13.80	-1.38	-3.10	5.73	5.26	0.08	-0.93	-1.09	-0.28	0.99	1.08	0.96	0.25
PITCHRH_COS		11551.30	-9052.08	-20.62	174.29	21.94	-339.20	82.45	-128.12	-31.86	-28.49	81.94	-1.69	25.06	13.79	-39.59	-155.19
PITCHRH_SIN		0.00	1889.26	-1357.13	-28.24	-36.50	751.23	71.13	79.86	60.84	5.69	-317.73	24.58	-20.22	-4.25	4.74	31.23
ROLLRH_COS		6355.73	-1961.64	1496.63	-52.89	41.56	-2277.03	-134.99	7.89	-49.67	109.22	197.51	-8.72	-6.76	-54.98	47.66	122.19
ROLLRH_SIN		0.00	-9148.27	107.25	241.55	228.69	855.47	-160.08	-96.27	-120.79	-12.70	-1.07	-24.16	-12.37	15.56	-26.11	147.44
TORQ_COS		110093.91	569.26	-51.97	153.79	48.86	-22.03	6.54	8.62	-9.22	5.28	-17.00	-3.26	1.19	-1.21	-2.50	6.43
TORQ_SIN		0.00	1110.25	-98.41	112.08	-125.52	90.07	9.43	48.71	-13.77	-4.03	54.29	2.47	-4.30	5.93	-5.26	1.09
THRUST_COS		6002.60	-195.77	9.42	34.39	0.59	52.31	10.80	20.33	1.23	-7.71	-4.42	-5.27	-1.39	-0.49	-2.16	-9.61
THRUST_SIN		0.00	-191.25	-3.06	-14.65	25.28	-79.59	7.33	15.80	-2.81	0.42	57.77	-3.96	-2.29	-1.33	5.18	-26.91

RUN	POINT	Harmonics															
46	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.51	62.60	-43.33	4.12	-17.57	42.02	15.27	-2.82	-0.54	-4.79	-7.32	0.14	0.13	1.48	-1.62	-3.46
SIDERH_SIN		0.00	221.03	-1.50	-4.18	-15.73	-150.29	-3.48	3.96	3.44	1.37	-5.27	0.95	0.13	-0.43	0.67	-4.00
DRAGRH_COS		-63.25	224.74	19.84	-5.23	14.04	157.81	-22.05	-1.62	0.28	-1.19	-8.79	1.10	-0.24	0.07	1.64	7.74
DRAGRH_SIN		0.00	-58.67	18.57	-1.77	6.67	98.39	-12.29	6.42	-4.75	0.89	13.33	1.88	1.87	0.57	0.74	-2.35

RUN	POINT	Harmonics															
54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.17	-2.83	-8.65	-0.84	-0.78	-0.16	0.18	-0.02	-0.27	0.05	0.02	0.03	0.00	-0.08	-0.07	-0.11
ACT1FORCE_SIN		0.00	18.21	-2.00	-2.44	1.22	0.13	0.12	0.38	0.21	0.06	-0.05	-0.05	0.08	0.06	0.05	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.57	12.63	76.72	13.90	7.51	5.13	0.00	-0.02	0.00	0.01	-0.01	0.00	-0.01	0.01	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-139.86	15.08	23.93	-9.47	0.64	-0.01	0.00	-0.03	0.00	0.02	0.02	-0.01	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.28	-12.50	-76.90	-14.05	-7.48	-5.14	-0.01	0.02	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	140.14	-14.91	-24.00	9.46	-0.62	0.00	-0.01	0.03	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-707.44	-1964.01	505.33	-83.27	-111.34	-74.17	-67.67	-10.49	9.23	-29.27	12.16	6.12	-5.79	-9.78	-4.72	-3.18
MRBLD1CB42P75_SIN		0.00	1607.12	33.53	101.21	254.38	-83.62	-22.66	-54.94	18.65	22.21	-73.93	18.39	13.48	6.48	-1.55	25.75

RUN	POINT	Harmonics															
54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4411.82	-1444.92	370.60	-162.48	-4.46	-87.96	-69.02	-14.55	10.04	-19.25	-7.62	5.40	-0.14	-5.08	-6.04	8.27
MRBLD1CB70_SIN		0.00	1170.88	-86.38	166.31	371.45	-109.98	53.83	-30.18	16.39	25.70	-27.43	9.05	8.72	3.29	-2.55	34.96
MRBLD1CB120_COS		-310.26	-819.59	283.55	-41.68	73.09	-77.10	-52.25	1.43	1.10	14.81	-9.65	-7.67	2.45	4.47	4.11	-2.16
MRBLD1CB120_SIN		0.00	796.57	-109.50	154.29	416.81	-77.58	95.85	-43.29	-30.90	-29.97	43.52	-4.75	-0.71	0.16	-0.70	3.21
MRBLD1CB164_COS		-1975.79	-265.78	61.00	34.32	23.40	-47.96	-24.44	8.32	-5.03	17.28	3.29	-6.83	-0.22	1.51	0.04	-5.03
MRBLD1CB164_SIN		0.00	283.06	-35.06	87.84	176.52	-30.48	48.48	-5.57	-37.37	-36.93	27.81	1.30	-0.84	0.87	5.37	-23.29
MRBLD1FB42P75_COS		2473.35	457.86	96.73	831.33	-16.36	-94.73	-107.98	-134.85	-84.15	-82.21	-18.29	10.00	-2.59	1.76	0.04	39.27
MRBLD1FB42P75_SIN		0.00	-321.67	370.55	426.89	456.59	167.91	7.04	-187.49	-23.40	-63.31	-108.15	12.16	7.22	-3.21	-22.32	26.91
MRBLD1FB70_COS		617.97	106.31	34.40	243.88	-11.57	-23.12	-20.09	-12.54	-1.83	-0.80	0.69	1.42	1.18	0.57	0.15	-7.06
MRBLD1FB70_SIN		0.00	-253.07	159.40	111.42	133.43	24.73	1.59	-27.18	4.66	5.56	2.98	1.83	1.36	1.41	4.33	-6.06
MRBLD1FB87_COS		86.33	125.30	-22.01	124.89	-16.46	-14.27	-1.51	10.69	12.62	15.98	5.32	-1.73	1.25	-0.23	-0.03	-8.87
MRBLD1FB87_SIN		0.00	-307.86	117.75	64.71	51.51	4.24	-1.93	15.55	1.94	12.32	26.94	-1.66	0.46	2.70	6.99	-2.82
MRBLD1FB120_COS		-287.49	157.61	-107.67	101.96	-15.84	-18.08	1.29	12.81	-4.33	-6.04	-6.70	-4.58	-4.11	-0.13	0.49	14.32
MRBLD1FB120_SIN		0.00	-431.69	128.40	143.61	11.87	6.32	4.17	45.00	-4.94	-9.18	-15.06	-4.82	-5.33	-6.85	-11.30	4.09
MRBLD1FB164_COS		56.73	149.72	-9.50	83.93	55.36	54.38	33.46	-6.19	-0.18	7.43	5.23	1.27	1.22	-2.97	-2.67	-7.28
MRBLD1FB164_SIN		0.00	-559.06	212.06	260.17	-47.98	-28.93	-18.94	-64.62	7.29	13.83	21.29	0.17	2.19	2.32	4.17	-2.38

RUN	POINT	Harmonics															
54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-31.82	-1.40	37.99	14.11	45.41	50.19	19.69	-12.24	2.28	22.60	7.02	-14.33	-11.00	-5.15	1.57	17.44
MRBLD1FB180_SIN		0.00	-395.53	146.08	147.02	-45.88	-12.85	-11.11	-57.59	5.01	26.37	53.98	-13.20	-15.15	-13.16	-15.39	4.08
MRBLD1TOR51_COS		-1489.44	174.91	65.65	38.97	5.83	-19.31	10.29	-17.94	-6.04	1.61	-1.41	-2.70	-1.02	1.04	3.84	2.00
MRBLD1TOR51_SIN		0.00	-149.80	148.97	85.36	20.60	8.74	-32.81	-37.49	1.03	2.00	8.71	-3.12	-5.38	-5.33	-3.93	5.04
MRBLD1TOR71_COS		-336.90	197.89	34.70	21.46	15.65	-6.87	18.86	-14.11	-2.61	3.73	-2.52	-3.71	-0.18	1.07	2.71	1.16
MRBLD1TOR71_SIN		0.00	-144.34	125.21	43.74	-7.99	8.67	-26.42	-23.16	4.29	4.92	13.07	-3.76	-4.15	-3.31	-1.11	3.21
MRBLD1TOR130_COS		-83.72	172.86	40.59	-9.00	23.04	0.20	17.23	-8.53	-0.53	2.16	6.11	-3.31	-1.21	-1.57	-2.57	-1.84
MRBLD1TOR130_SIN		0.00	-113.40	73.72	25.94	-23.87	3.57	-18.91	-24.02	2.81	-1.95	1.62	2.71	2.49	2.81	3.12	-1.57
MRBLD1TOR164_COS		-287.25	88.76	33.33	-23.93	6.49	-5.88	3.51	-6.50	1.80	2.92	-0.06	-1.86	0.19	-0.31	-0.82	-0.38
MRBLD1TOR164_SIN		0.00	-37.50	13.47	-29.85	-8.29	4.74	-8.97	-9.27	2.14	2.48	2.56	-2.26	0.05	1.02	0.39	-0.22
MRFBM1CB26P5_COS		-950.63	-1146.53	227.70	-33.74	-54.99	0.61	3.36	2.19	-0.17	-1.45	7.95	0.19	-1.03	-0.08	2.14	-2.45
MRFBM1CB26P5_SIN		0.00	645.42	108.35	-67.80	-28.40	-7.76	-25.45	-10.03	-0.94	-4.84	-13.02	1.31	-0.37	-0.34	-0.80	-0.68
MRFBM1FB9_COS		586.65	49.61	-189.46	-139.44	29.48	25.84	11.36	-1.07	2.06	1.46	-2.28	0.59	0.56	0.18	-0.61	1.06
MRFBM1FB9_SIN		0.00	-114.25	-189.85	-193.91	-59.77	-3.95	9.83	13.26	3.65	3.06	2.80	-0.19	0.34	0.22	0.36	-1.69
MRFBM1TOR26P5_COS		-108.53	78.71	3.48	-0.36	-0.35	-0.22	0.16	-0.08	-0.17	0.01	-0.13	0.19	0.03	0.04	0.06	0.07
MRFBM1TOR26P5_SIN		0.00	-262.99	2.15	0.55	-0.37	0.14	-0.90	-0.25	-0.03	0.08	0.07	0.01	-0.06	-0.09	-0.11	-0.02

RUN	POINT	Harmonics															
54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		89.31	-1504.44	425.38	-29.35	-104.51	-58.49	-65.85	-10.42	11.09	-15.85	11.46	6.64	-2.63	-5.78	0.26	-4.80
MRPC1CB33P25_SIN		0.00	1448.43	19.52	49.49	163.67	-43.19	-31.26	-54.79	-1.25	-3.10	-62.84	12.41	8.71	5.26	-2.94	23.09
MRPC1FB33P25_COS		1801.40	378.46	-43.17	639.58	-104.13	-123.45	-92.74	-32.56	-47.19	-23.02	53.81	2.92	-4.48	2.37	18.55	-2.07
MRPC1FB33P25_SIN		0.00	-72.85	293.47	497.11	386.04	106.19	-27.65	-216.12	-64.63	-92.41	-92.42	17.37	4.51	0.83	-10.89	54.18
MRPC1TOR25P5_COS		-330.66	-113.54	-94.85	-3.73	-15.19	24.77	-12.24	17.22	8.18	2.98	9.69	1.97	0.23	-2.97	-5.58	-5.09
MRPC1TOR25P5_SIN		0.00	-94.61	-154.88	-75.47	-1.98	-12.46	42.15	34.15	-3.69	-6.17	-13.72	7.73	10.87	9.52	9.21	0.37
MRPLK1LOAD_COS		2.71	-18.78	-12.50	-2.23	-3.46	4.58	-2.60	2.82	2.28	0.50	1.58	-0.58	-0.06	-0.46	-1.06	-1.16
MRPLK1LOAD_SIN		0.00	-6.25	-21.71	-13.77	-0.96	-1.80	5.76	5.01	-0.07	-0.48	-1.35	0.28	1.47	1.65	1.55	0.12
PITCHRH_COS		8223.57	-9259.65	178.15	128.14	-44.55	-513.20	-27.99	-135.42	-45.58	-93.45	114.51	20.05	21.18	36.43	-5.79	-162.79
PITCHRH_SIN		0.00	1573.85	-1195.63	-73.60	-59.88	866.45	-22.65	110.76	102.02	-120.95	-268.75	39.54	-19.06	20.62	-11.28	88.56
ROLLRH_COS		4831.32	-1695.99	1251.49	-12.77	-55.37	-2430.56	-47.77	61.71	-107.34	161.72	187.78	4.29	-1.72	-71.57	51.64	100.87
ROLLRH_SIN		0.00	-9251.19	319.10	183.10	150.74	937.87	-232.93	-106.38	-52.00	-65.61	30.02	-11.94	-32.47	32.59	-15.83	205.05
TORQ_COS		103824.67	417.20	1.68	166.62	18.62	-45.47	9.91	-0.39	-6.71	1.43	-13.46	-3.81	5.02	-2.20	-5.42	7.67
TORQ_SIN		0.00	994.38	-102.68	114.46	-132.87	46.79	14.54	28.63	-12.65	-6.95	59.31	2.41	-4.88	4.85	-2.31	2.77
THRUST_COS		5624.62	-109.72	14.12	38.29	-3.92	51.24	6.18	14.06	5.37	-6.10	-5.91	-6.37	-3.92	0.65	2.54	-13.24
THRUST_SIN		0.00	-165.63	-3.35	-16.10	26.36	-67.01	9.80	11.19	-0.16	4.34	49.76	0.59	0.85	2.38	2.32	-28.38

RUN	POINT	Harmonics															
54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-126.54	56.69	-30.77	4.38	11.57	48.62	1.53	-2.49	0.41	-6.54	-6.93	-0.03	-0.07	1.94	-1.71	-2.77
SIDERH_SIN		0.00	234.83	-11.57	1.75	-36.88	-153.00	0.99	0.78	1.75	3.57	-6.44	1.00	0.62	-0.82	0.35	-5.72
DRAGRH_COS		-122.87	239.15	16.70	-2.92	3.41	163.81	-8.69	-5.29	-2.45	4.26	-12.64	0.05	-1.02	-1.04	0.96	7.86
DRAGRH_SIN		0.00	-49.03	25.36	-1.12	6.52	108.78	12.94	1.47	-8.97	7.99	8.22	-1.38	2.75	-1.31	0.28	-5.80

RUN	POINT	Harmonics															
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.77	-2.66	-9.00	-0.74	-0.87	-0.15	0.26	-0.10	-0.27	-0.03	0.03	0.01	0.04	-0.09	-0.03	-0.08
ACT1FORCE_SIN		0.00	18.46	-1.99	-2.66	1.20	0.20	0.10	0.41	0.23	0.02	-0.08	-0.08	0.04	0.03	-0.01	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		445.05	11.19	79.15	13.49	8.04	4.66	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-139.76	12.86	24.47	-8.65	0.11	0.01	0.00	-0.01	0.02	0.01	0.00	-0.01	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		360.59	-11.17	-79.29	-13.59	-8.05	-4.66	0.01	0.02	-0.01	-0.01	0.01	0.00	0.01	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	140.01	-12.82	-24.56	8.60	-0.12	-0.01	-0.01	0.02	-0.02	-0.01	0.00	0.00	0.00	-0.01	-0.01
MRBLD1CB42P75_COS		-655.96	-1748.56	526.24	-84.82	-100.62	-94.52	-68.38	-13.48	11.21	-23.79	-1.61	13.21	-2.00	-7.95	-6.92	-2.31
MRBLD1CB42P75_SIN		0.00	1795.29	48.86	109.71	214.88	-79.62	-13.24	-67.70	15.27	28.99	-70.70	11.97	13.98	6.32	0.08	27.70

RUN	POINT	Harmonics															
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4444.03	-1318.19	386.91	-156.97	-9.33	-130.55	-79.64	-12.59	10.20	-14.05	-16.83	9.16	2.66	-2.66	-7.77	11.21
MRBLD1CB70_SIN		0.00	1314.55	-75.17	168.65	325.60	-101.29	52.95	-34.33	13.46	30.95	-25.67	2.96	7.89	2.96	-2.20	35.85
MRBLD1CB120_COS		-301.57	-774.30	301.67	-40.71	49.33	-111.15	-66.41	6.84	1.62	10.15	-0.23	-10.08	2.53	5.17	4.35	-2.16
MRBLD1CB120_SIN		0.00	881.14	-103.26	138.52	376.88	-67.71	81.38	-38.98	-30.35	-35.32	41.01	-0.26	0.06	0.93	-1.77	3.84
MRBLD1CB164_COS		-1990.30	-259.59	67.44	33.63	11.61	-60.59	-31.94	11.20	-6.75	9.99	11.46	-8.64	-1.71	0.62	1.14	-6.73
MRBLD1CB164_SIN		0.00	312.00	-32.50	75.28	160.06	-27.38	38.19	2.04	-37.03	-43.97	26.99	6.91	-0.31	1.60	5.87	-24.02
MRBLD1FB42P75_COS		2512.40	406.85	113.29	768.01	-65.98	-75.32	-97.18	-153.06	-81.27	-97.83	-24.26	13.98	1.15	0.39	-2.62	43.86
MRBLD1FB42P75_SIN		0.00	-355.63	377.47	369.59	425.49	181.23	13.65	-203.90	-25.39	-56.21	-110.26	8.51	9.07	-3.86	-18.02	29.48
MRBLD1FB70_COS		629.26	105.27	37.12	221.21	-28.98	-21.83	-19.26	-16.19	-1.80	-1.28	0.39	1.24	0.67	0.61	0.79	-8.12
MRBLD1FB70_SIN		0.00	-253.61	164.91	92.97	121.22	29.78	2.77	-30.77	4.32	5.99	3.22	1.93	1.37	1.59	3.49	-6.59
MRBLD1FB87_COS		86.77	122.25	-20.82	112.62	-23.46	-13.74	-1.92	12.62	13.00	19.53	7.72	-1.96	0.92	0.59	1.08	-9.26
MRBLD1FB87_SIN		0.00	-314.59	121.49	53.98	47.12	5.94	-3.17	16.70	1.79	10.45	26.62	-0.75	-0.12	2.38	5.84	-3.38
MRBLD1FB120_COS		-289.62	153.32	-108.28	96.36	-8.53	-19.20	-0.15	16.88	-6.42	-7.43	-8.53	-5.83	-4.43	-1.85	-1.43	14.91
MRBLD1FB120_SIN		0.00	-445.87	131.42	131.75	16.67	6.83	2.81	52.04	-2.84	-9.16	-14.77	-4.63	-4.95	-6.63	-9.74	4.69
MRBLD1FB164_COS		76.35	143.89	-10.61	78.95	81.85	55.04	36.22	-11.78	2.85	10.21	7.76	1.71	1.36	-1.95	-2.27	-7.88
MRBLD1FB164_SIN		0.00	-576.62	219.14	244.29	-31.76	-40.92	-19.12	-74.18	4.35	14.20	21.64	1.11	2.07	2.61	3.60	-2.41

RUN	POINT	Harmonics															
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.34	-9.89	38.84	12.19	59.73	51.66	21.37	-15.93	4.64	28.42	13.26	-15.28	-13.70	-6.33	-1.46	17.91
MRBLD1FB180_SIN		0.00	-406.01	151.26	140.43	-37.58	-19.56	-11.46	-67.28	5.26	23.77	54.63	-8.83	-14.02	-10.50	-12.31	5.52
MRBLD1TOR51_COS		-1479.28	178.86	71.02	30.23	3.85	-18.89	12.13	-23.40	-4.44	2.11	-0.30	-3.04	-1.34	0.52	3.09	2.47
MRBLD1TOR51_SIN		0.00	-142.53	156.06	80.48	13.69	9.38	-34.55	-39.55	1.61	1.82	8.97	-2.28	-5.83	-4.88	-3.86	5.64
MRBLD1TOR71_COS		-327.09	199.40	37.74	14.71	14.65	-5.83	20.49	-18.93	-1.24	4.77	-1.20	-3.97	-0.25	0.67	1.97	1.29
MRBLD1TOR71_SIN		0.00	-140.48	130.85	40.67	-12.12	8.33	-28.49	-23.87	4.90	4.44	13.25	-2.69	-4.79	-3.04	-1.24	3.61
MRBLD1TOR130_COS		-74.85	175.28	41.73	-12.32	23.91	1.63	17.87	-12.79	0.78	1.84	6.11	-1.96	-0.44	-1.23	-2.72	-1.92
MRBLD1TOR130_SIN		0.00	-108.25	76.81	26.43	-25.67	2.39	-20.51	-25.07	2.84	-2.92	0.80	3.22	2.39	2.57	2.99	-1.73
MRBLD1TOR164_COS		-284.25	92.30	33.18	-25.31	3.86	-5.53	3.60	-8.54	1.87	3.84	0.12	-1.55	0.50	-0.11	-1.44	-0.90
MRBLD1TOR164_SIN		0.00	-30.33	13.88	-26.90	-13.04	6.29	-10.44	-8.89	2.19	1.74	2.32	-2.08	-0.02	0.77	0.17	-0.23
MRFBM1CB26P5_COS		-896.01	-1065.66	236.09	-34.60	-44.90	5.68	5.47	1.77	0.61	-2.29	7.64	0.97	-0.76	-0.37	1.84	-2.75
MRFBM1CB26P5_SIN		0.00	767.27	121.01	-61.37	-27.84	-11.07	-22.80	-12.82	-0.91	-4.95	-13.05	1.69	0.13	-0.50	-0.89	-0.22
MRFBM1FB9_COS		669.30	-70.88	-200.24	-127.75	33.76	25.39	10.27	-0.99	2.00	1.89	-2.14	0.38	0.66	0.17	-0.42	1.13
MRFBM1FB9_SIN		0.00	-138.43	-198.39	-176.96	-51.92	-6.35	9.44	14.19	3.62	3.14	3.10	-0.21	0.17	0.30	0.38	-1.77
MRFBM1TOR26P5_COS		-106.68	78.27	3.35	-0.40	-0.21	-0.29	0.30	-0.06	-0.18	0.01	-0.09	0.14	-0.01	0.04	0.09	0.08
MRFBM1TOR26P5_SIN		0.00	-263.76	2.42	0.69	-0.53	0.14	-0.92	-0.30	-0.02	0.12	0.09	0.00	-0.05	-0.07	-0.09	-0.03

RUN	POINT	Harmonics															
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		142.09	-1294.83	449.94	-28.13	-90.22	-62.58	-63.67	-16.04	12.36	-14.46	3.30	11.24	0.60	-4.42	-1.25	-4.38
MRPC1CB33P25_SIN		0.00	1571.68	27.51	61.62	143.69	-40.60	-23.12	-64.73	-2.49	-1.01	-61.48	8.34	9.57	4.98	-2.38	25.39
MRPC1FB33P25_COS		1832.22	337.80	-29.23	599.52	-136.91	-112.36	-86.80	-40.54	-44.64	-39.07	50.13	9.18	-2.96	2.37	12.94	-1.06
MRPC1FB33P25_SIN		0.00	-105.15	301.78	438.08	349.59	123.01	-17.73	-235.91	-64.99	-95.34	-98.23	16.82	8.12	-0.78	-11.23	59.21
MRPC1TOR25P5_COS		-339.54	-113.80	-100.97	4.61	-13.51	24.65	-13.79	22.58	6.74	2.38	7.86	3.86	1.96	-1.90	-5.77	-5.84
MRPC1TOR25P5_SIN		0.00	-100.58	-160.92	-73.60	2.45	-12.52	44.84	36.15	-4.59	-6.84	-14.63	6.98	11.21	8.62	8.80	0.08
MRPLK1LOAD_COS		0.98	-18.74	-13.38	-1.00	-3.18	4.59	-2.94	3.44	2.17	0.51	1.24	-0.20	0.30	-0.31	-1.22	-1.29
MRPLK1LOAD_SIN		0.00	-6.75	-22.48	-13.53	-0.15	-1.83	6.22	5.37	-0.23	-0.67	-1.50	0.22	1.47	1.47	1.41	0.14
PITCHRH_COS		9858.76	-9249.29	109.72	154.04	-17.18	-432.24	87.50	-153.68	-7.70	-47.31	71.83	21.93	27.01	16.61	-15.77	-168.87
PITCHRH_SIN		0.00	1819.60	-1102.22	-73.21	-56.45	927.12	-30.47	73.12	177.41	-120.00	-264.84	37.80	-32.08	12.50	-11.28	108.72
ROLLRH_COS		5309.61	-1914.00	1201.59	-59.74	-86.63	-2354.52	-129.60	38.34	-176.53	142.67	199.61	5.02	18.77	-68.34	68.23	91.40
ROLLRH_SIN		0.00	-9301.59	232.25	201.53	143.02	762.63	-143.53	-94.92	-46.58	-37.07	-6.33	-1.77	-38.07	17.56	-16.51	200.21
TORQ_COS		105549.79	458.58	-10.05	151.89	23.79	-12.67	10.07	-1.15	-7.89	1.34	-10.76	-4.47	3.55	-0.89	-5.12	8.07
TORQ_SIN		0.00	994.72	-95.75	117.98	-119.53	51.17	14.17	50.36	-11.56	-5.31	55.84	3.56	-4.24	5.28	-2.16	1.28
THRUST_COS		5830.70	-127.04	11.96	35.75	-2.13	48.92	9.46	16.25	4.18	-5.96	-4.46	-6.95	-4.11	0.28	2.34	-15.21
THRUST_SIN		0.00	-163.35	0.59	-13.16	26.76	-76.11	7.77	17.90	-1.94	1.88	50.82	2.75	-0.66	2.66	1.91	-28.24

RUN	POINT	Harmonics															
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-129.42	61.75	-31.84	4.46	15.14	63.22	5.42	-2.14	1.91	-5.47	-7.44	-0.08	-0.65	1.80	-2.17	-2.38
SIDERH_SIN		0.00	235.47	-10.75	-3.40	-26.82	-144.60	-3.36	1.66	1.09	2.18	-5.17	0.44	0.89	-0.57	0.30	-5.71
DRAGRH_COS		-105.06	235.48	15.30	-2.67	2.71	111.15	-22.91	-3.60	-3.53	1.11	-10.53	-0.44	-0.34	0.29	1.20	8.12
DRAGRH_SIN		0.00	-54.56	20.26	-1.59	5.33	122.59	4.26	3.05	-6.49	8.51	9.04	-0.60	3.17	-0.62	1.06	-6.15

RUN	POINT	Harmonics															
54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.58	-2.65	-9.06	-0.73	-0.82	-0.18	0.22	-0.12	-0.30	-0.04	0.04	0.00	0.03	-0.09	-0.03	-0.10
ACT1FORCE_SIN		0.00	18.09	-2.09	-2.78	1.15	0.13	0.12	0.38	0.26	-0.03	-0.05	-0.07	0.08	0.02	0.04	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		424.49	10.85	79.42	14.87	7.52	4.18	-0.01	-0.02	0.00	0.01	0.00	-0.01	-0.01	0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-136.01	14.74	25.82	-8.70	0.25	0.01	-0.02	-0.03	0.00	-0.01	0.01	-0.01	-0.02	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		381.15	-10.76	-79.59	-15.00	-7.50	-4.17	0.00	0.03	0.00	-0.01	0.00	0.00	0.01	-0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	136.27	-14.62	-25.89	8.66	-0.24	-0.02	0.02	0.03	0.00	0.00	0.00	0.01	0.02	0.00	0.00
MRBLD1CB42P75_COS		-672.88	-1632.79	549.08	-85.92	-97.89	-89.53	-67.51	-17.67	12.42	-24.03	2.13	18.83	-3.87	-7.43	-5.26	-3.32
MRBLD1CB42P75_SIN		0.00	1813.31	45.02	114.69	214.30	-78.80	-4.41	-68.80	16.90	27.76	-71.44	14.69	15.55	8.11	1.03	27.59

RUN	POINT	Harmonics															
54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4443.21	-1248.52	400.16	-162.02	1.76	-112.38	-69.74	-14.24	11.81	-16.14	-15.84	14.51	1.13	-2.80	-6.61	10.76
MRBLD1CB70_SIN		0.00	1323.06	-77.52	171.30	315.42	-105.37	61.94	-35.44	13.85	31.15	-28.01	4.04	9.34	3.75	-1.42	34.82
MRBLD1CB120_COS		-295.25	-750.46	310.43	-44.75	70.81	-90.70	-51.55	9.16	2.16	9.61	-1.99	-12.52	3.66	4.63	3.95	-2.31
MRBLD1CB120_SIN		0.00	875.08	-102.61	146.91	367.10	-73.81	84.16	-38.12	-30.86	-36.89	43.20	-0.97	-1.38	0.11	-1.42	2.46
MRBLD1CB164_COS		-1990.99	-254.61	68.00	31.53	21.97	-50.79	-23.23	12.36	-6.67	13.77	11.24	-11.76	-0.67	0.23	0.50	-6.88
MRBLD1CB164_SIN		0.00	306.44	-33.74	80.52	157.00	-30.42	35.70	2.56	-35.17	-44.15	29.53	5.59	-1.64	0.63	4.72	-22.55
MRBLD1FB42P75_COS		2499.86	381.74	124.29	790.44	-35.31	-92.58	-107.62	-160.11	-77.13	-99.69	-13.97	18.30	0.17	4.64	2.58	41.71
MRBLD1FB42P75_SIN		0.00	-355.97	367.70	399.07	446.40	189.85	23.63	-203.64	-17.43	-65.21	-105.72	9.19	8.48	-3.88	-19.58	28.79
MRBLD1FB70_COS		623.41	109.20	40.53	228.69	-17.99	-25.08	-19.82	-17.42	-1.32	-1.84	0.44	0.95	0.42	-0.04	-0.27	-7.37
MRBLD1FB70_SIN		0.00	-253.52	161.68	100.69	125.59	30.98	4.97	-30.52	5.12	5.53	2.77	1.92	1.36	1.43	3.54	-6.52
MRBLD1FB87_COS		82.63	125.44	-21.45	116.62	-18.96	-15.28	-0.54	13.19	12.63	19.67	5.25	-3.63	1.05	-0.64	-0.25	-9.40
MRBLD1FB87_SIN		0.00	-313.48	119.23	56.73	48.49	4.76	-4.08	16.17	0.36	12.18	25.74	-0.93	-0.15	2.65	6.52	-2.92
MRBLD1FB120_COS		-293.16	156.60	-113.33	99.24	-13.83	-18.10	0.89	17.87	-6.66	-6.81	-7.37	-4.80	-4.34	0.19	0.53	15.20
MRBLD1FB120_SIN		0.00	-439.55	127.95	132.44	14.46	4.79	0.23	50.76	-3.89	-9.15	-14.17	-5.29	-5.64	-7.23	-10.68	4.04
MRBLD1FB164_COS		66.37	143.72	-7.50	83.29	60.29	62.37	32.04	-12.76	3.80	8.66	6.20	0.48	1.63	-3.09	-2.89	-8.10
MRBLD1FB164_SIN		0.00	-569.06	212.89	249.74	-42.21	-41.32	-15.92	-71.92	6.04	13.54	19.23	0.30	1.87	2.50	4.13	-2.71

RUN	POINT	Harmonics															
54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-17.08	-9.20	43.71	13.52	47.94	55.70	18.77	-17.58	5.47	29.25	7.42	-18.98	-12.38	-5.22	1.09	18.34
MRBLD1FB180_SIN		0.00	-400.61	146.98	143.22	-44.52	-18.43	-7.81	-65.57	3.88	25.33	50.37	-12.18	-16.94	-13.25	-14.68	4.63
MRBLD1TOR51_COS		-1478.63	182.51	73.31	32.41	4.78	-19.76	10.86	-24.38	-4.83	2.19	-0.49	-3.09	-0.98	1.17	4.13	2.62
MRBLD1TOR51_SIN		0.00	-142.12	155.41	85.34	18.69	10.56	-30.97	-39.59	1.78	1.38	7.90	-3.13	-6.08	-5.35	-3.70	5.63
MRBLD1TOR71_COS		-327.97	201.18	38.88	16.57	14.66	-6.33	19.54	-19.61	-1.75	4.58	-1.62	-4.52	0.04	1.07	2.69	1.40
MRBLD1TOR71_SIN		0.00	-140.25	130.56	43.89	-8.36	9.48	-25.88	-23.69	4.63	4.30	12.07	-3.41	-4.92	-3.65	-1.24	3.50
MRBLD1TOR130_COS		-75.41	176.31	42.30	-11.60	22.44	1.37	16.95	-13.48	0.16	1.58	6.29	-2.53	-0.79	-1.53	-2.92	-2.34
MRBLD1TOR130_SIN		0.00	-108.05	77.14	28.31	-23.60	3.62	-18.62	-24.71	3.19	-3.50	1.22	3.80	2.69	2.46	2.91	-1.73
MRBLD1TOR164_COS		-283.06	92.98	32.72	-25.25	5.62	-7.34	3.62	-9.05	2.04	3.35	-0.38	-1.91	0.64	-0.09	-1.17	-0.72
MRBLD1TOR164_SIN		0.00	-31.53	15.19	-27.01	-9.65	6.66	-9.25	-8.94	2.06	2.09	2.35	-2.12	0.12	0.69	0.14	-0.57
MRFBM1CB26P5_COS		-903.50	-999.79	246.09	-35.29	-49.91	2.35	3.34	1.02	0.66	-1.58	8.35	0.77	-0.71	-0.10	2.10	-2.72
MRFBM1CB26P5_SIN		0.00	792.39	121.95	-61.90	-26.73	-9.07	-23.05	-12.94	-0.80	-5.06	-12.21	2.08	0.05	-0.18	-0.71	-0.29
MRFBM1FB9_COS		657.38	-116.88	-210.01	-131.16	31.06	26.71	10.90	-0.79	1.97	1.62	-2.22	0.26	0.68	0.12	-0.51	1.05
MRFBM1FB9_SIN		0.00	-127.82	-194.48	-184.76	-55.71	-6.00	8.29	14.52	3.11	3.29	2.70	-0.44	0.16	0.09	0.20	-1.81
MRFBM1TOR26P5_COS		-106.71	80.21	3.32	-0.36	-0.24	-0.27	0.26	-0.08	-0.18	0.03	-0.10	0.16	0.00	0.03	0.08	0.09
MRFBM1TOR26P5_SIN		0.00	-263.26	2.48	0.68	-0.47	0.13	-0.80	-0.32	-0.02	0.11	0.07	-0.03	-0.07	-0.07	-0.10	-0.01

RUN	POINT	Harmonics															
54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		143.45	-1198.67	473.20	-24.92	-91.30	-65.23	-65.51	-19.60	12.80	-13.89	6.39	13.95	-0.12	-3.52	-0.02	-5.17
MRPC1CB33P25_SIN		0.00	1579.12	21.48	67.95	147.38	-37.48	-17.97	-65.29	-0.99	-3.05	-59.98	10.35	10.15	6.20	-1.49	24.68
MRPC1FB33P25_COS		1820.11	314.52	-18.02	612.47	-116.87	-128.93	-98.87	-45.40	-44.21	-34.86	54.77	11.86	-3.12	4.10	16.88	-2.02
MRPC1FB33P25_SIN		0.00	-107.54	292.67	466.81	373.20	125.09	-14.16	-238.54	-56.79	-102.45	-88.28	20.56	7.65	2.58	-8.28	55.90
MRPC1TOR25P5_COS		-339.94	-113.37	-102.09	3.17	-14.05	24.98	-12.94	23.82	7.46	2.30	8.02	3.49	1.39	-2.69	-6.92	-6.35
MRPC1TOR25P5_SIN		0.00	-99.69	-160.92	-77.05	-2.32	-13.63	41.11	35.66	-4.32	-6.07	-12.50	8.68	11.96	9.34	8.67	-0.73
MRPLK1LOAD_COS		0.45	-18.69	-13.45	-1.25	-3.32	4.61	-2.82	3.61	2.22	0.43	1.26	-0.31	0.19	-0.44	-1.33	-1.40
MRPLK1LOAD_SIN		0.00	-6.74	-22.45	-14.07	-0.81	-1.92	5.55	5.39	-0.20	-0.56	-1.20	0.54	1.62	1.48	1.39	0.00
PITCHRH_COS		10447.67	-9277.04	139.21	140.94	-16.99	-416.56	20.22	-146.77	42.74	-101.68	109.84	37.05	24.62	30.63	-22.40	-184.38
PITCHRH_SIN		0.00	1746.68	-1036.37	-76.20	-43.23	946.51	-12.29	84.17	211.29	-88.85	-267.31	37.61	-51.49	19.79	-1.84	112.59
ROLLRH_COS		5149.43	-1839.14	1141.00	-33.54	-54.14	-2344.75	-111.88	7.90	-78.88	138.58	233.78	9.65	11.37	-49.84	25.79	77.51
ROLLRH_SIN		0.00	-9278.38	244.12	153.39	184.69	857.86	-171.24	-137.34	-7.51	-76.39	3.88	-10.38	-43.08	19.35	-13.49	208.85
TORQ_COS		105228.14	443.78	-11.10	152.31	24.01	-13.83	7.30	5.24	-8.98	-0.26	-14.70	-3.83	1.61	-2.11	-4.72	8.07
TORQ_SIN		0.00	986.14	-99.60	99.29	-108.51	49.03	13.90	48.86	-10.31	-6.63	53.61	3.56	-3.49	4.88	-2.44	1.20
THRUST_COS		5787.76	-124.36	11.80	30.57	-3.73	54.07	7.38	18.07	2.56	-5.40	-9.02	-7.60	-3.35	-0.24	2.49	-13.74
THRUST_SIN		0.00	-163.55	0.07	-13.06	25.46	-73.20	9.51	15.10	-1.37	3.99	47.92	1.58	2.50	0.57	1.22	-26.62

RUN	POINT	Harmonics															
54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-130.75	60.78	-31.63	3.97	4.09	48.71	6.39	-1.55	-0.10	-5.17	-8.95	-0.30	-0.44	1.31	-0.92	-1.91
SIDERH_SIN		0.00	233.78	-12.51	-4.33	-36.41	-144.32	0.42	1.83	0.85	4.16	-5.33	0.69	1.09	-0.51	0.23	-5.98
DRAGRH_COS		-100.73	238.03	15.50	-1.23	3.66	109.74	-16.68	-5.78	-4.52	4.25	-13.62	-0.29	0.44	-0.48	1.61	8.77
DRAGRH_SIN		0.00	-52.52	20.44	-0.71	7.10	102.52	5.09	2.28	-7.03	6.25	7.66	-0.44	3.58	-0.95	0.20	-6.47

RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.54	-2.69	-9.08	-0.68	-0.83	-0.11	0.26	0.06	-0.32	-0.02	-0.01	0.03	-0.01	-0.07	-0.07	-0.10
ACT1FORCE_SIN		0.00	18.37	-1.75	-2.72	1.03	0.05	-0.09	0.50	0.29	0.00	-0.04	-0.12	0.09	0.04	0.05	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		357.54	13.95	75.78	6.79	7.06	5.39	-3.81	-0.01	0.04	0.00	0.00	0.01	-0.03	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-140.35	13.19	31.05	-2.49	2.99	2.87	-0.02	-0.03	0.03	-0.02	0.01	0.01	-0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		448.23	-13.87	-75.95	-6.89	-7.04	-5.40	3.81	0.03	-0.03	0.00	0.00	-0.01	0.02	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	140.64	-13.08	-31.15	2.45	-3.00	-2.89	0.02	0.03	-0.02	0.02	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-715.76	-1684.86	541.95	-83.96	-96.34	-82.74	-67.41	-32.23	19.29	-18.80	-3.68	8.08	0.58	-5.18	3.29	1.17
MRBLD1CB42P75_SIN		0.00	1749.71	37.44	117.48	222.01	-62.48	-5.30	-76.87	15.76	29.67	-84.80	19.32	12.88	9.46	0.37	26.87

RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4442.78	-1277.13	399.84	-160.87	-0.11	-102.88	-70.93	-30.25	17.99	-8.64	-17.07	5.01	3.10	-1.24	-0.12	14.23
MRBLD1CB70_SIN		0.00	1285.68	-82.78	174.28	325.86	-69.89	58.76	-42.90	12.88	30.94	-29.44	8.88	6.80	3.94	-3.17	33.04
MRBLD1CB120_COS		-297.09	-759.08	310.20	-49.11	68.28	-85.64	-59.95	-13.70	-2.07	8.69	0.04	-7.79	2.46	4.28	3.01	-1.71
MRBLD1CB120_SIN		0.00	870.25	-109.05	145.93	377.40	-36.91	83.78	-45.79	-34.09	-36.52	48.46	-3.87	-0.36	-1.63	-1.82	3.95
MRBLD1CB164_COS		-1983.84	-253.22	69.61	30.15	20.75	-51.13	-27.43	8.72	-13.46	7.61	12.99	-4.62	-0.79	0.06	-2.64	-9.30
MRBLD1CB164_SIN		0.00	309.16	-34.32	76.93	159.84	-14.70	39.58	0.04	-38.32	-45.42	29.18	2.68	0.06	1.09	5.99	-21.81
MRBLD1FB42P75_COS		2501.18	395.95	118.90	782.83	-32.00	-74.44	-116.78	-218.14	-83.35	-99.44	-41.36	14.43	1.80	4.68	3.63	45.65
MRBLD1FB42P75_SIN		0.00	-345.11	363.92	372.86	444.02	187.69	22.21	-194.84	-24.86	-58.93	-124.52	9.79	1.66	-5.14	-32.75	21.33
MRBLD1FB70_COS		620.00	103.68	37.42	223.21	-18.92	-19.61	-21.72	-27.11	-0.76	-0.19	0.86	1.40	0.55	-0.16	-0.77	-8.67
MRBLD1FB70_SIN		0.00	-254.80	160.23	93.27	126.83	32.05	5.02	-28.97	4.19	5.82	3.42	2.38	2.24	1.83	6.28	-5.12
MRBLD1FB87_COS		79.48	119.70	-23.31	112.92	-20.84	-13.77	-1.03	17.93	12.98	19.53	11.67	-2.02	1.02	-0.09	0.21	-8.95
MRBLD1FB87_SIN		0.00	-314.63	119.37	54.19	50.13	6.30	-2.37	16.65	2.11	11.24	30.29	-1.72	1.38	2.57	9.01	-1.78
MRBLD1FB120_COS		-295.22	153.33	-109.68	100.10	-12.56	-17.98	2.07	32.98	-7.16	-8.90	-10.36	-6.04	-5.20	-1.11	-0.36	14.79
MRBLD1FB120_SIN		0.00	-445.43	129.52	128.54	11.92	4.38	-0.33	48.22	-2.54	-9.00	-15.43	-4.31	-5.92	-6.52	-14.48	2.11
MRBLD1FB164_COS		63.14	138.19	-9.32	87.69	71.14	50.63	30.34	-34.45	2.85	12.15	10.62	2.19	1.46	-2.46	-2.76	-7.67
MRBLD1FB164_SIN		0.00	-573.85	210.22	244.78	-43.39	-41.24	-17.84	-70.02	3.95	13.62	21.90	-0.90	2.28	2.11	6.35	-1.74

RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-17.55	-12.64	40.44	17.79	54.64	48.34	18.61	-38.37	6.06	31.23	21.07	-16.25	-15.15	-6.86	0.06	17.99
MRBLD1FB180_SIN		0.00	-403.89	143.83	142.73	-43.99	-20.87	-9.51	-63.42	3.05	23.28	59.17	-13.44	-13.80	-12.07	-18.70	2.55
MRBLD1TOR51_COS		-1486.39	177.47	77.59	35.29	2.49	-20.04	6.20	-33.91	-4.27	2.08	0.19	-2.55	-2.15	0.10	3.86	2.71
MRBLD1TOR51_SIN		0.00	-146.92	151.02	85.53	20.16	13.78	-30.47	-36.49	1.57	0.87	9.91	-3.17	-5.67	-5.48	-5.04	4.24
MRBLD1TOR71_COS		-331.18	197.18	42.91	18.60	12.24	-7.40	15.64	-25.82	-1.17	4.47	-0.65	-3.60	-1.20	0.44	2.70	1.61
MRBLD1TOR71_SIN		0.00	-144.10	127.08	44.64	-7.19	11.17	-25.13	-19.82	4.86	3.55	14.97	-3.71	-4.39	-3.65	-1.93	2.90
MRBLD1TOR130_COS		-76.87	173.11	45.96	-8.65	20.88	-0.21	13.99	-19.39	0.90	1.34	6.16	-2.37	-0.42	-0.86	-2.11	-2.04
MRBLD1TOR130_SIN		0.00	-112.29	73.93	30.00	-22.69	4.51	-17.28	-22.31	2.69	-3.65	-0.18	3.27	2.85	2.90	3.71	-0.72
MRBLD1TOR164_COS		-285.76	90.66	35.19	-23.99	3.19	-5.92	1.60	-10.56	2.41	3.52	0.01	-1.90	0.54	0.27	-0.41	-0.51
MRBLD1TOR164_SIN		0.00	-33.85	13.10	-24.87	-9.15	7.58	-8.05	-7.38	2.19	1.08	3.04	-2.44	0.12	0.99	0.41	0.30
MRFBM1CB26P5_COS		-918.86	-1016.72	244.19	-35.78	-46.63	1.52	3.32	1.61	0.69	-2.36	7.17	1.08	-0.24	0.03	2.70	-2.17
MRFBM1CB26P5_SIN		0.00	748.35	116.56	-58.40	-26.07	-13.05	-21.72	-13.10	-1.14	-4.66	-16.01	1.53	0.03	-0.11	-0.92	-0.01
MRFBM1FB9_COS		644.33	-83.01	-207.98	-131.74	30.63	24.82	11.81	1.99	1.94	1.64	-2.34	0.62	0.47	0.06	-1.02	0.69
MRFBM1FB9_SIN		0.00	-108.40	-187.17	-178.84	-55.96	-8.39	8.66	16.25	3.42	2.91	3.36	-0.41	0.15	0.03	0.17	-1.95
MRFBM1TOR26P5_COS		-107.19	77.69	3.41	-0.29	-0.33	-0.29	0.21	-0.14	-0.20	0.03	-0.08	0.16	-0.01	0.01	0.03	0.06
MRFBM1TOR26P5_SIN		0.00	-263.85	2.27	0.67	-0.46	0.24	-0.94	-0.32	-0.02	0.12	0.12	-0.01	-0.08	-0.08	-0.12	-0.06

RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		151.44	-1254.37	461.38	-24.86	-86.06	-60.44	-65.88	-30.80	17.04	-12.46	-0.75	9.13	2.74	-1.68	6.86	-0.37
MRPC1CB33P25_SIN		0.00	1535.47	17.34	67.98	149.60	-34.24	-16.94	-70.87	-4.94	-0.87	-72.88	12.43	7.53	6.76	-2.68	24.91
MRPC1FB33P25_COS		1815.94	328.26	-22.60	610.70	-112.82	-112.27	-105.42	-96.63	-47.18	-38.57	45.22	8.02	2.52	6.62	30.30	7.89
MRPC1FB33P25_SIN		0.00	-95.58	291.18	442.80	371.10	129.44	-16.81	-254.50	-66.61	-98.61	-119.10	17.28	2.63	0.86	-15.48	55.71
MRPC1TOR25P5_COS		-340.29	-110.88	-107.38	-0.55	-11.36	25.91	-7.32	32.49	6.89	2.07	7.11	3.44	3.79	-0.29	-3.18	-4.37
MRPC1TOR25P5_SIN		0.00	-97.28	-155.53	-78.63	-3.56	-17.20	39.90	31.40	-4.76	-6.88	-17.98	7.61	11.03	9.59	10.19	2.37
MRPLK1LOAD_COS		0.12	-18.46	-14.27	-1.92	-2.91	4.80	-2.03	4.87	2.21	0.41	1.14	-0.41	0.51	0.01	-0.68	-1.04
MRPLK1LOAD_SIN		0.00	-6.43	-21.70	-14.20	-0.93	-2.57	5.63	4.81	-0.29	-0.69	-1.96	0.33	1.53	1.62	1.74	0.59
PITCHRH_COS		9621.77	-9144.68	199.70	106.28	-26.77	-332.79	95.63	-158.50	19.56	-54.39	63.59	37.81	35.46	41.87	-19.02	-123.07
PITCHRH_SIN		0.00	1923.79	-1036.20	-85.74	-30.76	875.60	-94.58	76.25	128.46	-89.91	-272.24	44.04	-23.87	-0.53	9.29	120.47
ROLLRH_COS		4728.60	-2017.04	1150.23	-38.57	-82.48	-2322.69	-30.15	-12.28	-62.49	142.61	207.16	-5.72	8.56	-65.17	65.28	178.49
ROLLRH_SIN		0.00	-9176.32	339.82	181.23	164.00	990.42	-141.70	-179.91	23.86	-72.06	-22.01	-0.22	-19.19	7.58	-6.31	203.60
TORQ_COS		105137.45	433.66	-1.08	167.91	10.72	-22.85	11.41	0.46	-8.69	0.61	-4.67	-4.43	1.02	-0.75	-5.91	7.28
TORQ_SIN		0.00	973.75	-110.87	84.44	-116.68	43.35	12.66	51.05	-13.13	-6.48	67.17	4.00	-5.11	4.43	-2.61	0.54
THRUST_COS		5775.29	-118.61	12.38	32.52	0.03	46.09	8.61	18.70	2.35	-7.69	2.25	-6.90	-4.74	0.07	1.77	-19.00
THRUST_SIN		0.00	-155.29	1.40	-17.84	26.62	-81.70	6.41	17.24	-0.02	5.66	56.02	3.60	1.55	1.98	1.22	-23.86

RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-133.59	61.39	-29.48	3.81	7.45	47.74	2.27	0.19	-0.77	-5.49	-8.40	0.23	-0.31	1.78	-1.98	-4.94
SIDERH_SIN		0.00	230.46	-16.05	-2.27	-32.75	-147.90	-5.96	3.33	0.85	3.86	-4.88	0.55	0.43	0.01	0.21	-5.81
DRAGRH_COS		-99.13	234.38	14.83	-3.37	3.84	116.87	-29.90	-2.33	-2.20	1.94	-10.62	0.03	-1.55	-1.11	1.18	5.81
DRAGRH_SIN		0.00	-54.35	23.49	-0.78	8.62	129.76	15.33	-0.89	-7.58	5.67	10.54	-1.76	2.54	-0.59	0.08	-6.37

RUN	POINT	Harmonics															
54	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.99	-2.53	-8.52	-0.66	-0.70	-0.23	0.36	-0.04	-0.27	0.05	0.05	0.05	0.03	-0.08	-0.06	-0.11
ACT1FORCE_SIN		0.00	18.15	-1.72	-2.42	1.13	0.06	-0.02	0.49	0.18	0.01	-0.06	-0.07	0.09	0.07	0.06	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.41	8.93	69.67	4.96	6.53	4.84	-5.20	0.02	0.01	0.01	-0.01	-0.01	0.00	0.00	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-142.17	15.18	30.49	-3.13	3.87	0.82	-0.01	-0.02	0.00	0.01	0.00	-0.01	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.33	-8.80	-69.83	-5.09	-6.51	-4.86	5.21	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	142.45	-15.03	-30.58	3.11	-3.86	-0.85	0.01	0.02	0.00	-0.01	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-738.00	-1791.63	505.56	-72.81	-100.18	-90.19	-75.50	-19.40	21.75	-24.13	-1.21	11.52	-2.51	-6.77	-1.30	-0.06
MRBLD1CB42P75_SIN		0.00	1637.50	29.98	109.19	226.53	-76.64	-12.54	-66.86	14.56	27.37	-65.17	9.91	9.54	6.87	-4.13	24.54

RUN	POINT	Harmonics															
54	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4426.77	-1340.59	370.94	-151.73	-5.62	-124.85	-76.79	-15.59	19.30	-14.22	-14.36	8.55	0.36	-3.53	-3.66	12.49
MRBLD1CB70_SIN		0.00	1205.83	-84.50	175.08	325.80	-95.80	57.00	-39.23	13.08	29.93	-18.91	2.59	5.30	2.50	-6.49	30.86
MRBLD1CB120_COS		-303.71	-780.47	288.63	-34.19	64.84	-114.22	-58.21	2.22	-1.96	10.29	-1.72	-9.55	1.83	3.85	3.86	-0.78
MRBLD1CB120_SIN		0.00	828.36	-106.89	145.79	378.44	-60.28	90.48	-47.99	-29.92	-32.29	38.24	0.15	0.58	-0.82	-1.64	2.96
MRBLD1CB164_COS		-1984.37	-257.70	63.10	35.96	19.50	-63.55	-24.18	10.87	-12.66	10.34	10.53	-7.67	0.78	2.22	-0.79	-7.82
MRBLD1CB164_SIN		0.00	298.53	-33.74	79.22	161.80	-23.85	43.41	-3.51	-35.84	-42.16	22.03	5.89	0.90	1.80	8.04	-20.47
MRBLD1FB42P75_COS		2503.31	416.60	101.84	808.59	-2.21	-87.67	-119.84	-176.32	-73.78	-95.77	-33.64	7.76	-2.44	1.51	-5.35	40.23
MRBLD1FB42P75_SIN		0.00	-320.34	361.80	351.76	469.05	193.39	25.33	-196.10	-21.01	-52.56	-103.41	7.36	4.34	-3.72	-29.82	20.43
MRBLD1FB70_COS		623.90	101.59	32.96	234.35	-9.69	-23.42	-22.32	-19.26	0.24	-0.32	1.32	1.83	1.25	0.75	1.12	-7.44
MRBLD1FB70_SIN		0.00	-249.07	157.12	86.65	133.41	32.03	5.50	-29.30	3.92	5.82	3.23	1.81	1.61	1.46	5.78	-4.63
MRBLD1FB87_COS		83.92	120.00	-21.37	118.89	-16.99	-14.00	-0.42	14.62	11.64	18.62	8.98	-0.92	1.59	0.16	1.66	-8.43
MRBLD1FB87_SIN		0.00	-308.06	117.66	52.23	51.17	5.28	-3.09	16.05	1.35	10.16	24.89	-0.59	0.80	2.37	8.54	-1.68
MRBLD1FB120_COS		-293.75	150.93	-104.81	98.52	-14.52	-19.08	2.87	22.63	-7.57	-7.54	-8.40	-6.22	-4.95	-1.21	-2.17	13.88
MRBLD1FB120_SIN		0.00	-439.81	130.96	134.44	12.54	6.34	-0.79	48.73	-2.46	-9.04	-13.33	-4.42	-4.95	-6.34	-13.49	2.30
MRBLD1FB164_COS		62.23	137.45	-5.09	87.81	67.32	57.28	31.88	-21.36	4.34	10.15	8.15	2.52	1.73	-2.43	-1.59	-7.58
MRBLD1FB164_SIN		0.00	-569.67	210.52	248.06	-48.82	-34.54	-14.46	-67.50	4.67	13.37	19.04	0.52	1.75	2.42	5.68	-1.67

RUN	POINT	Harmonics															
54	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.70	-12.13	41.29	18.50	51.93	53.24	18.06	-24.29	6.12	28.30	16.57	-14.40	-13.73	-7.05	-2.61	16.77
MRBLD1FB180_SIN		0.00	-401.10	144.72	141.97	-47.28	-17.04	-6.58	-63.02	5.16	23.50	50.32	-8.56	-12.73	-11.73	-17.91	2.24
MRBLD1TOR51_COS		-1482.53	173.48	69.58	41.90	7.14	-18.90	7.43	-25.24	-3.21	2.47	0.83	-2.37	-1.76	0.30	3.47	2.53
MRBLD1TOR51_SIN		0.00	-144.36	147.52	80.39	20.29	14.09	-30.07	-38.46	0.86	1.61	8.48	-2.37	-5.11	-5.21	-5.28	4.25
MRBLD1TOR71_COS		-327.90	194.95	37.12	23.60	15.92	-5.45	17.17	-19.51	-0.50	4.95	0.23	-3.39	-0.86	0.53	2.51	1.50
MRBLD1TOR71_SIN		0.00	-139.57	123.74	40.60	-8.10	12.04	-24.78	-22.73	3.84	4.16	12.58	-2.66	-3.75	-3.44	-1.97	2.88
MRBLD1TOR130_COS		-74.57	171.23	41.65	-6.41	23.04	2.31	15.53	-13.99	1.56	1.53	6.18	-2.19	-0.74	-1.00	-2.22	-1.89
MRBLD1TOR130_SIN		0.00	-108.41	71.35	26.67	-24.41	5.35	-17.30	-24.03	2.44	-2.93	0.26	2.58	2.58	2.55	3.54	-1.04
MRBLD1TOR164_COS		-283.90	89.59	32.64	-22.94	4.97	-5.35	2.65	-7.83	2.63	3.39	0.47	-2.10	0.14	-0.17	-0.66	-0.48
MRBLD1TOR164_SIN		0.00	-31.72	11.63	-26.96	-9.27	6.67	-8.79	-8.75	2.17	1.60	2.52	-2.32	0.03	0.66	0.07	-0.24
MRFBM1CB26P5_COS		-924.33	-1061.75	231.54	-33.10	-47.98	5.92	2.46	0.45	0.93	-2.17	6.54	0.55	-0.38	0.11	2.30	-2.26
MRFBM1CB26P5_SIN		0.00	674.66	108.70	-61.64	-26.00	-10.40	-23.76	-11.15	-1.19	-4.61	-13.87	1.15	-0.20	-0.12	-0.97	-0.26
MRFBM1FB9_COS		632.53	-34.12	-196.37	-140.66	27.94	26.86	12.54	0.00	1.63	1.76	-1.85	0.38	0.41	0.08	-0.97	0.64
MRFBM1FB9_SIN		0.00	-90.28	-183.94	-175.44	-61.25	-7.98	8.80	14.71	2.90	2.79	2.80	-0.13	0.26	0.14	0.46	-1.72
MRFBM1TOR26P5_COS		-107.31	78.87	3.32	-0.22	-0.26	-0.27	0.18	-0.10	-0.18	0.05	-0.10	0.17	0.02	0.03	0.04	0.06
MRFBM1TOR26P5_SIN		0.00	-263.23	2.28	0.61	-0.47	0.27	-0.91	-0.30	-0.02	0.10	0.11	0.02	-0.07	-0.07	-0.11	-0.03

RUN	POINT	Harmonics															
54	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		142.76	-1354.10	426.66	-18.47	-91.49	-62.55	-70.98	-20.62	18.46	-14.96	1.75	9.38	0.02	-3.14	2.67	-1.42
MRPC1CB33P25_SIN		0.00	1454.28	13.62	53.77	154.90	-40.18	-22.66	-63.31	-4.56	-0.82	-58.51	6.52	5.88	5.10	-5.55	22.63
MRPC1FB33P25_COS		1817.58	344.99	-37.33	633.95	-95.00	-125.53	-108.17	-61.95	-40.81	-38.65	39.47	5.55	-2.07	2.94	22.04	5.31
MRPC1FB33P25_SIN		0.00	-74.52	289.58	430.48	397.89	128.83	-16.70	-239.12	-59.02	-92.26	-98.28	11.33	1.97	0.08	-20.75	50.79
MRPC1TOR25P5_COS		-344.36	-106.93	-100.02	-6.18	-16.49	23.63	-9.05	24.07	5.80	1.36	6.18	3.00	2.11	-1.20	-3.76	-4.46
MRPC1TOR25P5_SIN		0.00	-100.34	-152.18	-73.12	-2.75	-17.75	39.19	34.49	-3.56	-7.08	-14.50	6.14	10.16	8.68	9.76	1.47
MRPLK1LOAD_COS		-0.31	-17.90	-13.13	-2.70	-3.64	4.48	-2.24	3.77	2.04	0.29	1.13	-0.41	0.16	-0.16	-0.80	-1.03
MRPLK1LOAD_SIN		0.00	-6.79	-21.29	-13.41	-0.83	-2.70	5.53	5.18	-0.19	-0.68	-1.55	0.08	1.41	1.42	1.65	0.39
PITCHRH_COS		8807.69	-9185.65	184.52	111.01	-33.74	-313.04	73.21	-157.99	-80.16	-46.79	66.78	28.87	24.68	30.81	-6.38	-144.45
PITCHRH_SIN		0.00	1905.55	-1032.11	-65.27	-45.09	1018.39	3.51	73.06	103.64	-111.22	-270.00	35.33	-26.12	-5.29	-7.91	104.40
ROLLRH_COS		4425.08	-2003.46	1103.00	9.30	-83.09	-2467.14	-121.77	24.21	-50.53	150.96	203.39	-8.05	7.57	-73.12	59.26	163.68
ROLLRH_SIN		0.00	-9222.92	253.60	157.88	141.57	1054.04	-149.36	-167.24	-80.42	-49.00	-3.80	2.41	-34.99	30.96	-20.47	166.03
TORQ_COS		104886.97	424.32	1.96	156.92	23.82	-34.74	10.86	5.01	-9.86	1.03	-8.53	-2.13	1.86	-3.05	-5.65	6.79
TORQ_SIN		0.00	981.35	-93.70	75.89	-107.80	58.95	13.19	37.17	-9.25	-5.48	59.21	4.60	-3.56	4.63	-3.09	-0.14
THRUST_COS		5739.31	-118.02	11.90	29.45	-0.65	53.33	11.71	16.13	4.41	-6.22	-0.39	-7.43	-3.97	0.55	0.43	-17.90
THRUST_SIN		0.00	-156.20	0.05	-17.94	25.68	-82.00	8.06	12.16	-1.49	4.15	49.50	1.98	1.58	2.58	2.51	-22.39

RUN	POINT	Harmonics															
54	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-136.08	63.28	-28.19	2.05	11.27	51.58	7.30	-1.68	-0.93	-5.91	-8.16	0.08	-0.27	1.97	-1.87	-4.51
SIDERH_SIN		0.00	232.91	-9.89	-0.57	-28.72	-159.86	-1.40	2.72	3.53	2.82	-5.19	0.37	0.86	-0.71	0.49	-4.69
DRAGRH_COS		-102.28	237.72	11.86	-3.47	4.98	128.42	-19.52	-2.38	-1.58	1.49	-10.70	0.68	-0.01	-0.09	1.06	7.06
DRAGRH_SIN		0.00	-55.22	22.48	-0.38	5.64	102.81	-0.13	2.41	-8.27	7.54	9.02	-0.23	2.97	-0.20	1.13	-5.72

RUN	POINT	Harmonics															
54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.17	-2.81	-9.39	-0.93	-0.88	-0.12	0.14	0.09	-0.22	0.02	0.06	0.04	0.07	-0.07	-0.01	-0.09
ACT1FORCE_SIN		0.00	18.16	-1.56	-2.41	1.30	0.35	-0.02	0.37	0.27	-0.06	-0.07	-0.08	0.09	0.10	0.04	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.41	15.27	85.11	9.90	10.67	3.64	-1.77	-0.01	0.01	0.02	0.01	-0.01	-0.01	0.00	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-136.62	2.21	20.54	-9.28	-6.62	3.02	-0.01	-0.02	-0.01	0.01	0.01	-0.01	-0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		410.27	-15.21	-85.28	-10.01	-10.67	-3.64	1.76	0.01	-0.01	-0.02	-0.01	0.00	0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	136.89	-2.12	-20.61	9.25	6.64	-3.02	0.00	0.02	0.01	-0.01	-0.02	0.01	0.02	0.01	0.01
MRBLD1CB42P75_COS		-729.01	-1584.86	535.08	-75.70	-106.97	-100.56	-63.61	-31.80	16.94	-16.46	-8.63	22.66	-2.48	-3.61	-1.39	-0.61
MRBLD1CB42P75_SIN		0.00	1639.53	33.42	120.17	231.85	-69.98	-9.06	-74.82	11.33	26.37	-80.14	4.18	13.91	6.99	-3.55	28.75

RUN	POINT	Harmonics															
54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4448.49	-1209.54	393.45	-155.16	-8.61	-151.13	-62.20	-23.97	16.38	-5.44	-22.24	14.93	0.98	-0.34	-2.90	12.15
MRBLD1CB70_SIN		0.00	1223.89	-89.86	191.92	338.70	-101.04	56.14	-43.67	8.97	28.51	-27.53	-4.20	6.62	0.40	-7.18	36.09
MRBLD1CB120_COS		-280.80	-732.75	305.55	-40.62	70.88	-141.95	-47.44	-0.31	-6.75	2.76	2.74	-14.84	2.52	2.74	3.40	-0.52
MRBLD1CB120_SIN		0.00	847.26	-114.57	166.97	394.81	-75.52	82.60	-47.88	-33.54	-35.30	43.27	2.14	-2.15	-1.08	-2.11	3.90
MRBLD1CB164_COS		-1977.69	-246.54	63.44	33.65	28.70	-77.36	-21.46	16.02	-17.90	-2.60	17.68	-13.00	-0.12	-0.41	-2.12	-8.95
MRBLD1CB164_SIN		0.00	302.60	-36.53	89.64	169.69	-33.07	41.64	-1.23	-39.33	-44.95	26.20	10.71	0.59	2.67	9.23	-25.02
MRBLD1FB42P75_COS		2524.20	371.01	111.78	808.79	0.72	-64.08	-111.49	-207.08	-96.93	-107.94	-48.31	16.40	-0.11	1.36	-6.38	49.17
MRBLD1FB42P75_SIN		0.00	-323.88	369.00	379.27	486.35	196.74	19.60	-199.18	-14.85	-48.10	-124.03	2.43	6.21	-5.25	-28.84	21.09
MRBLD1FB70_COS		619.36	103.77	37.68	232.79	-9.62	-18.86	-21.05	-25.04	-2.22	-0.37	0.59	1.34	1.08	0.81	1.55	-9.24
MRBLD1FB70_SIN		0.00	-258.01	161.71	95.54	138.92	32.90	3.89	-30.32	4.67	5.75	3.27	1.82	1.50	1.82	5.62	-4.82
MRBLD1FB87_COS		73.64	118.92	-22.67	118.50	-16.05	-12.82	-1.46	17.04	14.85	20.92	13.18	-2.55	1.50	0.51	2.17	-9.95
MRBLD1FB87_SIN		0.00	-314.67	120.67	54.24	53.79	5.01	-2.73	16.17	0.33	9.05	29.21	0.59	0.13	2.83	8.35	-1.68
MRBLD1FB120_COS		-302.72	150.26	-109.15	101.37	-13.76	-19.13	1.04	30.96	-4.83	-8.32	-10.60	-6.21	-5.95	-2.31	-3.32	15.68
MRBLD1FB120_SIN		0.00	-447.32	134.89	132.38	10.49	4.18	2.37	49.60	-3.47	-8.79	-14.93	-4.67	-4.86	-7.57	-13.97	1.73
MRBLD1FB164_COS		54.38	139.16	-1.14	88.34	60.63	51.92	31.29	-32.26	-0.57	11.17	10.94	1.58	2.42	-1.74	-1.60	-8.51
MRBLD1FB164_SIN		0.00	-575.01	219.52	249.25	-61.75	-39.26	-19.58	-70.54	7.29	15.02	23.32	1.13	2.19	3.04	5.81	-1.14

RUN	POINT	Harmonics															
54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.14	-12.73	45.62	16.89	48.33	49.89	18.38	-35.81	2.76	30.79	23.34	-19.78	-16.59	-9.96	-5.61	18.65
MRBLD1FB180_SIN		0.00	-404.77	150.25	144.41	-55.90	-17.58	-11.78	-63.78	6.09	24.94	60.67	-5.44	-13.56	-13.24	-17.64	0.69
MRBLD1TOR51_COS		-1482.31	178.62	71.62	36.27	6.31	-20.17	10.49	-33.81	-6.99	2.03	1.39	-3.34	-1.98	0.34	3.51	3.17
MRBLD1TOR51_SIN		0.00	-146.73	152.29	86.18	18.97	10.89	-33.17	-38.28	2.33	1.67	10.22	-2.67	-5.80	-5.83	-5.43	4.80
MRBLD1TOR71_COS		-329.13	197.29	37.94	18.37	15.40	-6.56	19.35	-26.01	-3.11	5.00	1.19	-4.68	-1.01	0.46	1.97	1.95
MRBLD1TOR71_SIN		0.00	-143.43	128.21	44.52	-10.29	8.68	-27.41	-21.78	5.49	4.41	15.45	-3.15	-4.72	-3.95	-2.47	2.92
MRBLD1TOR130_COS		-74.59	174.22	41.85	-10.50	22.45	0.34	17.24	-19.08	-1.25	1.61	7.59	-1.18	-0.61	-0.89	-3.09	-2.22
MRBLD1TOR130_SIN		0.00	-111.38	74.80	29.12	-27.11	2.41	-19.40	-23.87	2.82	-3.16	-0.17	2.16	2.80	2.91	3.37	-1.12
MRBLD1TOR164_COS		-285.20	91.57	32.45	-25.67	4.63	-6.11	3.43	-10.14	1.76	4.28	1.04	-2.05	0.00	-0.23	-1.47	-0.59
MRBLD1TOR164_SIN		0.00	-32.36	12.16	-26.59	-8.66	6.26	-9.26	-8.17	2.22	1.54	3.10	-2.84	-0.07	0.60	-0.29	-0.28
MRFBM1CB26P5_COS		-916.07	-934.37	239.63	-35.27	-48.03	7.72	2.15	-0.52	0.67	-2.66	7.35	1.36	-0.46	-0.07	1.91	-1.91
MRFBM1CB26P5_SIN		0.00	694.08	112.81	-63.72	-30.52	-6.52	-22.08	-12.38	-1.00	-4.76	-15.47	2.03	0.22	0.07	-0.98	-0.41
MRFBM1FB9_COS		671.37	-132.91	-201.36	-135.90	29.62	24.92	11.40	1.00	2.49	1.90	-2.13	0.03	0.57	0.02	-0.86	0.88
MRFBM1FB9_SIN		0.00	-63.59	-191.72	-183.13	-61.47	-8.41	9.22	16.00	3.69	3.02	3.86	-0.25	0.15	0.19	0.49	-2.09
MRFBM1TOR26P5_COS		-104.58	80.98	3.31	-0.15	-0.38	-0.29	0.22	-0.16	-0.15	-0.02	-0.16	0.12	0.01	0.03	0.09	0.07
MRFBM1TOR26P5_SIN		0.00	-259.99	2.49	0.59	-0.46	0.21	-1.01	-0.27	0.03	0.12	0.12	0.06	-0.06	-0.07	-0.07	-0.04

RUN	POINT	Harmonics															
54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		208.68	-1190.75	457.93	-19.33	-94.12	-62.04	-64.32	-30.89	13.12	-13.65	-2.24	17.51	0.28	-1.31	2.25	-1.37
MRPC1CB33P25_SIN		0.00	1435.89	15.93	59.06	155.07	-30.14	-19.46	-67.26	-6.97	-2.77	-69.73	3.29	8.10	5.25	-5.71	25.40
MRPC1FB33P25_COS		1821.65	303.28	-30.86	628.85	-97.49	-108.67	-99.20	-84.65	-62.43	-50.32	40.03	14.58	-2.35	3.86	19.95	8.87
MRPC1FB33P25_SIN		0.00	-78.88	294.52	453.46	413.38	138.66	-18.42	-253.19	-65.27	-95.54	-121.91	13.41	5.41	-1.17	-21.38	59.12
MRPC1TOR25P5_COS		-342.78	-106.82	-101.85	-0.58	-15.63	24.97	-11.81	32.07	8.61	2.16	6.21	5.54	2.15	-1.58	-5.88	-5.32
MRPC1TOR25P5_SIN		0.00	-93.72	-156.53	-78.61	-0.50	-13.42	42.61	33.17	-6.09	-7.38	-18.06	5.41	11.10	9.20	8.89	1.12
MRPLK1LOAD_COS		-0.70	-17.46	-13.48	-2.10	-3.52	4.77	-2.66	4.91	2.34	0.54	1.36	0.00	0.22	-0.15	-1.36	-1.19
MRPLK1LOAD_SIN		0.00	-6.12	-21.85	-14.13	-0.56	-2.10	6.11	4.88	-0.64	-0.70	-1.89	-0.19	1.46	1.46	1.38	0.36
PITCHRH_COS		10230.06	-9223.41	99.21	141.44	5.97	-202.73	151.87	-162.42	-87.97	-36.38	56.26	25.97	9.83	17.08	-1.70	-128.10
PITCHRH_SIN		0.00	1856.34	-1061.34	-52.39	-50.27	939.21	6.55	80.13	99.25	-54.24	-309.30	36.61	-24.55	-4.16	8.51	81.24
ROLLRH_COS		4064.79	-1874.84	1154.88	-6.91	-15.25	-2527.57	-109.33	14.63	-45.04	136.73	211.76	1.88	-3.89	-68.42	44.83	155.80
ROLLRH_SIN		0.00	-9262.38	185.28	194.70	80.73	1119.06	-130.20	-119.09	-100.58	-55.27	-61.89	12.51	-7.74	27.21	-31.91	234.84
TORQ_COS		105799.58	382.47	-10.45	144.87	1.86	-20.84	10.83	12.85	-12.83	1.66	-9.86	-4.10	2.71	-1.46	-4.29	6.66
TORQ_SIN		0.00	966.16	-94.04	83.10	-130.03	29.82	10.92	46.98	-9.74	-3.61	60.86	3.21	-4.76	4.30	-2.79	1.31
THRUST_COS		5866.95	-100.70	12.35	29.14	5.44	43.81	10.62	20.74	2.29	-5.80	3.28	-10.47	-1.54	1.21	0.44	-15.96
THRUST_SIN		0.00	-176.63	0.49	-14.80	22.59	-88.24	7.54	10.86	-5.52	2.61	58.08	-3.24	-1.63	1.70	2.12	-29.57

RUN	POINT	Harmonics															
54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.24	60.07	-29.24	4.67	11.21	43.52	10.02	-1.04	-0.65	-5.55	-8.76	-0.26	-0.04	1.68	-1.42	-4.47
SIDERH_SIN		0.00	235.19	-5.48	-2.84	-9.24	-157.46	-6.02	3.48	2.78	3.10	-3.30	-0.05	0.13	-0.68	0.88	-6.64
DRAGRH_COS		-77.10	238.05	13.60	-4.61	7.69	128.89	-29.24	0.05	0.22	0.66	-9.10	1.28	0.39	0.57	0.29	6.49
DRAGRH_SIN		0.00	-61.17	22.13	0.10	2.86	138.65	-5.08	0.91	-4.77	6.29	12.32	-0.32	1.75	0.21	0.32	-4.40

RUN	POINT	Harmonics															
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.50	-2.57	-8.55	-0.93	-1.18	0.02	0.41	-0.02	-0.27	-0.04	-0.02	-0.03	0.01	-0.07	-0.04	-0.09
ACT1FORCE_SIN		0.00	18.26	-1.56	-2.48	1.27	0.42	0.27	0.47	0.25	-0.04	-0.11	-0.08	0.06	0.04	0.00	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		405.84	6.47	65.68	13.10	16.30	-6.45	-5.29	0.02	0.03	-0.01	0.01	0.00	-0.02	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-140.16	7.88	31.33	-12.96	-6.08	1.02	0.00	-0.01	-0.01	0.01	0.01	-0.01	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		399.83	-6.41	-65.81	-13.19	-16.33	6.46	5.30	-0.01	-0.03	0.01	-0.01	-0.01	0.02	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	140.44	-7.79	-31.41	12.93	6.09	-1.01	0.00	0.01	0.01	-0.02	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-735.88	-1633.47	522.52	-83.95	-80.40	-78.21	-69.98	-25.12	12.39	-15.64	4.88	13.70	1.09	-4.57	-0.13	1.29
MRBLD1CB42P75_SIN		0.00	1623.53	22.90	121.14	234.64	-83.91	-7.97	-66.68	15.34	32.61	-79.29	6.91	14.15	9.04	-0.32	25.51

RUN	POINT	Harmonics															
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4444.25	-1235.87	383.19	-159.50	42.42	-81.95	-68.00	-24.28	13.43	-5.07	-11.54	8.80	3.01	0.15	-2.23	13.20
MRBLD1CB70_SIN		0.00	1210.18	-96.13	195.47	354.45	-133.50	43.64	-35.75	11.72	35.68	-30.51	0.40	7.06	3.11	-5.22	32.06
MRBLD1CB120_COS		-280.28	-740.87	297.17	-36.02	105.05	-50.11	-44.82	-10.65	1.02	3.56	-3.19	-8.70	3.19	4.67	3.86	0.00
MRBLD1CB120_SIN		0.00	838.45	-117.16	163.31	397.76	-110.33	61.43	-43.04	-32.61	-35.92	46.44	3.88	-0.37	-0.51	-2.20	4.18
MRBLD1CB164_COS		-1979.81	-248.07	65.01	39.05	39.14	-34.08	-16.19	8.53	-11.79	-0.96	10.09	-6.87	0.80	-0.19	-1.00	-9.24
MRBLD1CB164_SIN		0.00	301.54	-35.70	89.13	169.13	-43.90	32.86	-1.78	-37.25	-48.01	32.02	10.52	1.21	2.94	8.88	-21.22
MRBLD1FB42P75_COS		2535.67	377.99	110.79	831.94	-64.57	-67.14	-107.60	-193.46	-80.43	-109.19	-30.15	14.92	5.31	2.30	-0.61	44.02
MRBLD1FB42P75_SIN		0.00	-315.35	368.29	372.90	413.10	193.43	21.33	-183.24	-17.81	-50.68	-111.86	5.16	6.06	-0.89	-26.95	17.01
MRBLD1FB70_COS		622.02	99.23	38.31	237.25	-26.64	-17.91	-20.88	-23.00	-0.93	-0.11	1.38	1.42	0.43	0.73	0.52	-8.07
MRBLD1FB70_SIN		0.00	-255.46	161.62	97.51	118.34	30.74	5.05	-26.69	4.73	6.23	2.97	2.24	1.53	1.14	4.95	-4.11
MRBLD1FB87_COS		73.25	115.97	-18.24	121.07	-23.90	-13.50	-1.47	15.67	13.13	21.77	9.45	-1.52	0.48	0.61	1.23	-8.55
MRBLD1FB87_SIN		0.00	-314.88	122.13	58.41	46.65	5.46	-2.88	14.67	0.26	9.34	26.98	-0.18	0.13	1.60	7.63	-0.96
MRBLD1FB120_COS		-304.34	148.07	-102.45	108.26	-8.61	-20.23	3.14	27.10	-7.04	-9.49	-10.43	-6.79	-4.78	-2.14	-1.98	13.73
MRBLD1FB120_SIN		0.00	-447.80	136.32	137.70	17.67	6.49	2.31	45.54	-2.38	-8.83	-13.52	-4.30	-4.18	-5.31	-12.50	0.84
MRBLD1FB164_COS		57.24	136.35	-4.74	96.57	85.92	52.30	31.29	-28.01	4.25	12.80	9.80	2.53	0.96	-1.76	-2.36	-7.38
MRBLD1FB164_SIN		0.00	-571.12	219.25	245.10	-30.75	-40.23	-19.85	-64.28	5.14	14.75	20.27	1.13	1.88	1.71	5.51	-0.80

RUN	POINT	Harmonics															
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-17.38	-16.08	42.18	19.82	61.31	51.24	16.24	-32.02	6.18	34.67	17.43	-16.03	-16.48	-8.28	-2.50	16.63
MRBLD1FB180_SIN		0.00	-401.41	151.11	139.36	-37.04	-19.89	-11.37	-58.51	4.45	24.03	55.26	-6.30	-12.88	-9.96	-15.80	0.67
MRBLD1TOR51_COS		-1479.89	178.05	72.32	40.98	9.41	-14.91	8.41	-29.60	-5.49	2.03	0.27	-3.23	-2.53	-0.34	2.90	2.60
MRBLD1TOR51_SIN		0.00	-147.23	152.00	84.32	13.84	15.09	-32.16	-34.05	2.33	2.37	8.58	-2.29	-5.90	-4.92	-4.77	3.77
MRBLD1TOR71_COS		-327.24	197.53	38.96	21.78	18.34	-3.30	17.17	-22.54	-2.43	4.94	-0.51	-4.22	-1.38	0.09	1.76	1.62
MRBLD1TOR71_SIN		0.00	-143.35	128.41	42.81	-12.77	13.67	-26.66	-18.69	5.02	4.46	13.38	-2.61	-4.77	-3.40	-1.98	2.57
MRBLD1TOR130_COS		-73.01	174.91	42.67	-8.23	26.53	2.99	15.25	-16.31	-0.71	1.29	7.11	-1.55	-0.01	-0.69	-2.50	-2.00
MRBLD1TOR130_SIN		0.00	-111.23	74.89	26.86	-26.39	6.67	-18.93	-21.19	2.32	-4.03	0.25	2.66	2.72	2.58	3.35	-0.58
MRBLD1TOR164_COS		-284.62	92.03	32.74	-26.05	4.68	-4.72	2.07	-9.17	1.06	4.24	0.57	-1.96	0.53	-0.11	-0.95	-0.61
MRBLD1TOR164_SIN		0.00	-32.25	12.43	-27.50	-13.88	9.06	-8.95	-7.41	1.39	0.68	2.72	-2.37	0.36	0.74	0.16	0.24
MRFBM1CB26P5_COS		-912.03	-966.02	237.20	-38.05	-51.98	-2.41	1.39	1.13	-0.02	-2.83	7.29	1.11	-0.21	-0.49	2.02	-1.82
MRFBM1CB26P5_SIN		0.00	681.46	107.82	-67.00	-26.58	-4.30	-18.68	-11.87	-0.98	-5.25	-13.73	1.38	0.41	-0.06	-0.49	-0.26
MRFBM1FB9_COS		680.21	-113.56	-201.76	-142.70	32.17	23.46	11.13	1.39	1.97	1.89	-2.22	0.25	0.50	0.14	-0.90	0.58
MRFBM1FB9_SIN		0.00	-65.06	-189.31	-182.10	-51.94	-7.92	7.59	14.81	3.11	2.71	3.02	-0.25	-0.03	0.09	0.22	-1.88
MRFBM1TOR26P5_COS		-104.82	80.58	3.34	-0.11	-0.16	-0.29	0.25	-0.14	-0.13	0.01	-0.15	0.13	-0.03	0.02	0.07	0.06
MRFBM1TOR26P5_SIN		0.00	-261.19	2.51	0.62	-0.41	0.23	-0.86	-0.31	0.06	0.19	0.09	0.02	-0.07	-0.06	-0.09	-0.05

RUN	POINT	Harmonics															
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		213.48	-1231.32	442.82	-26.47	-90.48	-60.00	-64.68	-25.40	12.08	-12.25	5.27	11.66	3.13	-2.06	3.48	-0.07
MRPC1CB33P25_SIN		0.00	1426.24	8.17	57.01	146.82	-33.14	-14.95	-63.81	-2.84	-0.21	-66.75	5.40	9.15	7.27	-3.14	22.80
MRPC1FB33P25_COS		1831.34	310.48	-31.80	649.53	-133.05	-108.03	-97.02	-81.36	-48.48	-50.67	46.42	12.52	2.29	1.58	22.65	10.68
MRPC1FB33P25_SIN		0.00	-70.16	294.48	450.33	338.79	134.17	-15.45	-234.99	-59.51	-98.51	-103.47	14.03	8.67	2.08	-15.60	52.51
MRPC1TOR25P5_COS		-342.41	-107.31	-102.71	-5.48	-19.13	20.37	-9.65	28.20	7.32	1.86	8.00	5.28	4.10	-0.26	-4.18	-4.11
MRPC1TOR25P5_SIN		0.00	-93.57	-156.65	-76.28	1.95	-18.98	40.84	29.91	-5.75	-8.99	-15.55	5.75	11.68	8.43	9.29	2.80
MRPLK1LOAD_COS		-1.03	-17.43	-13.64	-2.81	-3.93	4.14	-2.47	4.38	2.09	0.49	1.51	-0.04	0.61	0.02	-1.01	-0.98
MRPLK1LOAD_SIN		0.00	-5.99	-21.87	-13.86	-0.08	-2.84	5.87	4.49	-0.65	-1.14	-1.54	0.01	1.58	1.29	1.46	0.61
PITCHRH_COS		9856.21	-9230.52	56.83	108.67	-35.34	-443.59	-51.59	-92.43	26.49	2.86	11.76	32.07	27.10	29.49	1.45	-130.29
PITCHRH_SIN		0.00	1885.04	-1043.48	-51.01	-18.59	913.99	-5.03	63.70	-24.28	-8.78	-330.02	29.96	-15.81	1.01	14.05	88.55
ROLLRH_COS		4088.44	-1902.01	1135.62	-15.62	64.34	-2164.63	-42.01	5.90	58.58	113.59	225.48	4.39	0.48	-47.03	61.93	154.13
ROLLRH_SIN		0.00	-9278.42	179.25	208.57	94.05	943.93	-180.66	-94.47	-59.02	-49.34	-58.84	8.88	7.72	37.01	-37.35	178.72
TORQ_COS		105890.84	374.92	-2.66	148.58	-9.26	-2.47	7.87	6.39	-5.83	1.61	-8.93	-2.17	1.21	-0.03	-5.33	6.41
TORQ_SIN		0.00	996.84	-99.13	91.61	-133.05	42.68	10.54	44.34	-13.13	-4.34	55.71	5.39	-5.52	3.71	-3.06	0.68
THRUST_COS		5884.65	-106.86	12.17	33.76	4.34	45.52	7.42	18.41	-0.98	-6.70	2.56	-8.12	-1.73	0.01	-1.27	-18.56
THRUST_SIN		0.00	-181.64	3.43	-14.77	27.74	-83.34	11.56	11.03	-3.05	0.46	54.94	-0.56	-2.17	1.07	3.75	-23.72

RUN	POINT	Harmonics															
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.55	62.72	-24.08	-0.64	-6.44	31.77	2.61	0.21	-2.48	-4.67	-8.95	-0.15	-0.20	1.28	-1.90	-4.28
SIDERH_SIN		0.00	235.38	-7.24	-2.07	-6.53	-124.38	1.70	1.86	2.07	3.13	-3.50	-0.05	-0.48	-1.11	1.01	-5.11
DRAGRH_COS		-79.60	236.82	15.34	-4.38	11.00	121.95	-14.79	-3.70	-0.51	-2.07	-7.38	-0.15	-1.53	-0.59	-0.10	6.10
DRAGRH_SIN		0.00	-60.28	23.49	-1.35	3.57	74.86	19.34	-1.93	-4.00	2.68	13.91	-0.40	1.72	-0.74	-0.38	-5.37

RUN	POINT	Harmonics															
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.09	-2.49	-8.58	-0.84	-1.13	-0.12	0.15	-0.03	-0.27	-0.03	0.04	-0.01	-0.01	-0.09	-0.07	-0.08
ACT1FORCE_SIN		0.00	17.86	-1.78	-2.70	1.18	0.25	0.06	0.44	0.26	-0.03	-0.07	-0.04	0.06	0.08	-0.01	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		392.58	5.63	66.77	14.04	12.77	2.86	-2.35	0.01	0.00	0.02	0.00	0.00	0.01	-0.02	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-138.70	16.61	35.29	-9.71	-1.13	4.28	-0.01	-0.03	0.00	0.02	-0.01	0.02	0.00	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		413.10	-5.51	-66.92	-14.18	-12.76	-2.86	2.33	0.00	0.00	-0.02	0.00	-0.01	-0.02	0.02	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	138.97	-16.47	-35.38	9.70	1.13	-4.30	-0.01	0.03	0.01	-0.02	0.00	-0.02	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-824.84	-1796.94	533.31	-86.08	-131.33	-79.71	-66.26	-4.39	20.65	-19.75	7.01	12.16	-0.17	-3.08	8.25	-4.26
MRBLD1CB42P75_SIN		0.00	1693.17	13.94	125.97	255.83	-81.37	-17.00	-63.24	18.94	34.68	-78.20	-0.36	13.46	8.37	-0.80	27.46

RUN	POINT	Harmonics															
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4546.62	-1355.54	405.55	-183.18	-38.58	-89.56	-75.40	-3.37	21.87	-11.27	-10.18	8.26	3.54	0.66	5.13	7.48
MRBLD1CB70_SIN		0.00	1257.49	-97.05	200.05	376.88	-101.56	55.32	-36.24	18.71	35.13	-32.59	-6.99	7.14	4.42	-7.28	33.60
MRBLD1CB120_COS		-207.58	-788.26	328.87	-67.79	46.59	-68.50	-63.41	17.48	1.61	8.40	-8.66	-8.90	3.13	4.11	4.48	-0.92
MRBLD1CB120_SIN		0.00	857.51	-109.99	175.73	425.28	-70.43	88.07	-52.32	-31.30	-40.17	45.55	5.90	-0.31	-1.07	-1.44	3.43
MRBLD1CB164_COS		-1988.38	-261.19	74.69	22.68	16.38	-43.65	-29.26	13.59	-11.98	7.46	5.76	-7.18	-0.25	-0.26	-6.87	-5.08
MRBLD1CB164_SIN		0.00	308.39	-34.38	93.82	178.91	-26.21	41.75	-5.91	-42.89	-49.27	32.20	13.42	0.72	-0.18	8.62	-22.03
MRBLD1FB42P75_COS		2526.11	418.22	116.83	840.52	-33.54	-87.03	-96.39	-134.03	-93.21	-98.00	-29.40	10.02	3.39	5.86	13.19	43.32
MRBLD1FB42P75_SIN		0.00	-336.83	375.14	442.64	460.92	172.53	15.38	-234.91	-20.64	-56.28	-109.65	4.91	5.20	-8.99	-39.83	27.40
MRBLD1FB70_COS		616.03	100.01	35.54	235.50	-21.14	-21.42	-18.51	-11.62	-1.65	0.19	1.32	1.06	0.46	-0.24	-2.55	-7.86
MRBLD1FB70_SIN		0.00	-255.70	156.57	116.21	131.51	26.13	2.87	-34.88	4.40	5.92	3.29	2.17	1.75	2.24	7.44	-6.46
MRBLD1FB87_COS		63.03	115.51	-26.70	118.74	-21.20	-13.29	-2.22	10.52	13.93	18.90	8.66	-0.75	0.71	-0.31	-1.99	-8.60
MRBLD1FB87_SIN		0.00	-309.74	115.82	66.22	50.23	5.29	-2.28	20.10	1.53	10.57	26.74	0.29	0.62	3.72	10.85	-2.53
MRBLD1FB120_COS		-305.82	142.50	-119.12	105.21	-15.89	-15.38	-0.34	12.32	-4.89	-8.28	-9.77	-6.31	-4.30	-0.46	2.88	13.88
MRBLD1FB120_SIN		0.00	-433.04	123.43	144.05	10.08	6.90	2.34	57.30	-3.59	-8.56	-14.32	-4.84	-5.23	-8.40	-17.69	3.44
MRBLD1FB164_COS		59.41	127.21	-19.05	98.73	65.76	55.28	28.75	-7.28	0.79	10.78	9.55	2.73	1.40	-2.43	-4.73	-7.90
MRBLD1FB164_SIN		0.00	-549.82	201.26	266.78	-49.57	-37.77	-18.23	-84.12	5.69	12.63	20.15	0.51	1.01	3.36	7.81	-1.72

RUN	POINT	Harmonics															
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.35	-20.82	37.43	20.84	53.84	50.70	17.32	-11.95	5.94	30.32	15.52	-15.31	-14.65	-6.51	3.74	17.66
MRBLD1FB180_SIN		0.00	-389.39	142.15	151.82	-48.65	-18.07	-11.74	-75.41	6.07	24.31	53.49	-9.27	-15.16	-13.67	-22.16	3.24
MRBLD1TOR51_COS		-1483.82	176.47	69.13	42.71	6.87	-23.11	15.43	-16.68	-4.73	2.41	0.28	-2.89	-1.89	0.47	5.53	2.57
MRBLD1TOR51_SIN		0.00	-127.39	150.41	90.26	24.29	14.65	-27.12	-45.02	-1.00	2.58	8.42	-2.77	-5.84	-5.32	-4.72	4.83
MRBLD1TOR71_COS		-311.40	198.10	35.02	24.07	18.04	-10.37	23.78	-13.95	-1.33	4.75	-0.51	-3.71	-0.89	0.56	3.27	1.58
MRBLD1TOR71_SIN		0.00	-125.70	126.27	45.84	-5.49	13.40	-21.88	-27.92	2.24	4.95	12.99	-2.70	-4.58	-3.49	-1.96	3.07
MRBLD1TOR130_COS		-52.84	174.06	38.80	-5.42	26.32	-2.78	20.51	-8.01	-0.10	1.65	7.00	-1.63	-0.46	-0.95	-3.29	-2.21
MRBLD1TOR130_SIN		0.00	-92.76	72.89	27.49	-21.65	6.62	-15.31	-28.30	0.44	-3.11	0.33	2.60	3.00	2.92	3.19	-1.25
MRBLD1TOR164_COS		-274.67	92.49	31.52	-23.28	6.16	-8.34	6.01	-6.35	1.98	3.34	0.42	-1.56	0.45	0.44	-0.25	-1.00
MRBLD1TOR164_SIN		0.00	-21.09	13.40	-31.00	-7.30	7.11	-7.37	-9.18	1.11	1.81	2.16	-2.25	0.23	0.67	0.20	-0.27
MRFBM1CB26P5_COS		-954.58	-1109.07	249.14	-26.77	-53.63	-0.98	5.91	1.20	-0.62	-1.95	7.66	1.05	-0.31	0.25	3.09	-1.90
MRFBM1CB26P5_SIN		0.00	722.80	114.54	-72.34	-30.03	-9.28	-23.60	-11.52	-1.11	-4.74	-13.00	1.98	0.15	-0.45	0.17	-0.08
MRFBM1FB9_COS		667.99	-28.76	-201.54	-135.39	32.30	24.13	10.40	-3.34	2.06	1.64	-2.32	0.25	0.35	-0.24	-1.33	1.05
MRFBM1FB9_SIN		0.00	-136.07	-185.64	-197.92	-57.17	-6.85	8.84	14.14	3.45	2.72	2.90	-0.03	0.05	0.05	-0.22	-1.69
MRFBM1TOR26P5_COS		-101.82	77.61	3.32	-0.26	-0.31	-0.28	0.30	-0.08	-0.14	0.04	-0.13	0.14	-0.01	0.03	0.06	0.09
MRFBM1TOR26P5_SIN		0.00	-269.55	2.51	0.54	-0.50	0.32	-0.82	-0.38	0.04	0.12	0.11	0.00	-0.07	-0.08	-0.09	-0.04

RUN	POINT	Harmonics															
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.01	-1318.53	442.04	-16.66	-105.82	-63.42	-65.90	-10.21	15.85	-11.58	4.96	10.17	2.65	-0.62	11.51	-5.12
MRPC1CB33P25_SIN		0.00	1474.53	-1.31	68.40	169.00	-41.00	-27.16	-61.30	-2.61	0.48	-64.93	1.56	8.55	5.46	-3.07	25.16
MRPC1FB33P25_COS		1793.61	342.83	-26.15	639.40	-120.84	-117.25	-86.27	-12.09	-55.22	-38.41	45.85	8.59	1.57	9.95	41.85	-0.42
MRPC1FB33P25_SIN		0.00	-88.31	299.68	509.67	382.64	110.24	-16.07	-250.28	-66.56	-95.69	-100.28	10.62	6.16	-0.19	-10.92	56.93
MRPC1TOR25P5_COS		-365.80	-112.98	-99.00	-8.34	-17.59	28.24	-17.03	16.94	6.62	1.15	7.92	4.63	3.16	-0.58	-5.78	-5.81
MRPC1TOR25P5_SIN		0.00	-125.49	-154.64	-80.74	-5.15	-18.93	35.15	41.97	-2.26	-8.25	-15.54	5.79	11.58	9.58	9.56	1.04
MRPLK1LOAD_COS		-6.22	-18.73	-12.97	-2.99	-3.85	5.15	-3.43	2.74	2.03	0.29	1.45	-0.13	0.42	0.01	-1.20	-1.33
MRPLK1LOAD_SIN		0.00	-10.20	-21.49	-14.55	-1.21	-2.89	4.97	6.36	-0.15	-0.86	-1.58	-0.01	1.54	1.59	1.53	0.31
PITCHRH_COS		8391.80	-9075.15	-458.06	132.71	3.47	-261.01	120.87	-148.47	-50.37	8.75	99.63	-1.76	19.38	40.09	-16.86	-115.33
PITCHRH_SIN		0.00	565.73	-767.47	-24.24	-12.57	899.54	-25.54	47.34	136.29	-47.29	-298.71	49.13	-11.65	8.62	7.42	85.63
ROLLRH_COS		5143.68	-582.96	889.03	-103.48	119.63	-2460.62	-118.97	80.09	39.67	139.60	189.16	-16.88	10.44	-76.75	64.32	166.88
ROLLRH_SIN		0.00	-9168.23	-432.27	171.26	340.89	931.09	-112.56	-131.68	-75.43	-6.46	-21.46	-15.58	-30.13	7.72	0.58	234.77
TORQ_COS		107408.37	503.66	-16.64	91.68	41.02	-14.77	7.70	6.93	-5.59	2.25	-9.09	-2.66	2.20	-0.82	-5.29	4.16
TORQ_SIN		0.00	1251.32	-56.80	121.26	-137.56	43.19	19.56	42.02	-4.99	-5.35	56.45	1.68	-5.79	6.97	-3.59	0.54
THRUST_COS		5889.89	-225.63	0.13	26.70	0.76	49.12	9.30	16.06	2.24	-6.73	0.75	-8.18	-3.44	0.29	0.57	-13.83
THRUST_SIN		0.00	-264.52	4.07	-3.07	29.27	-75.91	6.48	10.86	-4.76	4.89	52.49	-2.12	2.36	0.06	4.74	-27.53

RUN	POINT	Harmonics															
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-129.81	34.09	-22.54	3.94	-37.67	52.51	9.46	-2.08	-2.21	-5.65	-6.76	0.55	-0.53	1.95	-2.13	-4.74
SIDERH_SIN		0.00	218.29	3.59	-2.84	-22.01	-141.82	-4.65	3.29	1.69	1.14	-4.81	1.24	0.72	-0.17	-0.17	-6.78
DRAGRH_COS		-106.02	215.66	10.56	-0.32	16.04	136.10	-27.93	-0.31	1.64	-2.60	-12.39	1.58	-0.35	-0.79	1.16	5.56
DRAGRH_SIN		0.00	-26.79	10.54	-1.46	9.21	146.97	0.26	1.92	-6.24	3.34	9.53	-1.89	1.74	-0.23	0.31	-4.03

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.69	-3.08	-8.64	-0.32	-1.00	-0.50	0.20	0.12	-0.24	-0.02	0.12	-0.01	0.04	-0.06	0.00	-0.02
ACT1FORCE_SIN		0.00	18.20	-1.69	-3.34	1.19	0.32	-0.20	0.40	0.19	-0.04	-0.10	-0.08	0.06	0.04	-0.02	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		386.66	13.11	68.94	5.78	20.43	8.75	0.70	-0.04	0.02	0.03	-0.02	0.01	0.00	0.00	0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-139.07	9.25	45.20	-7.97	-2.28	7.40	-0.02	-0.04	-0.02	0.02	0.00	0.00	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		419.01	-12.99	-69.10	-5.93	-20.41	-8.76	-0.76	0.05	-0.01	-0.02	0.02	-0.01	0.01	0.00	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	139.35	-9.09	-45.32	7.96	2.33	-7.42	-0.01	0.03	0.02	-0.01	-0.01	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-831.68	-1729.28	508.86	-76.94	-129.11	-68.97	-69.19	-19.30	12.66	-16.91	-3.70	12.00	-0.81	-4.63	1.26	-0.23
MRBLD1CB42P75_SIN		0.00	1592.42	22.33	107.99	221.56	-78.42	-12.89	-64.26	18.73	36.34	-85.94	4.67	10.09	4.71	-3.64	21.66

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4540.00	-1303.35	376.55	-145.54	-43.54	-80.27	-87.87	-20.27	12.80	-5.43	-28.72	8.40	2.31	-2.00	-0.27	8.03
MRBLD1CB70_SIN		0.00	1192.55	-92.71	173.82	323.06	-117.34	43.17	-34.58	19.35	38.01	-34.58	-2.98	4.72	1.24	-8.81	29.04
MRBLD1CB120_COS		-220.85	-762.90	300.90	-30.48	34.21	-59.69	-79.48	2.33	3.64	8.42	0.97	-9.59	2.15	3.01	3.53	-1.19
MRBLD1CB120_SIN		0.00	844.64	-111.69	145.48	377.43	-96.30	61.71	-42.41	-28.32	-39.43	44.88	2.76	0.58	0.49	-1.62	4.34
MRBLD1CB164_COS		-1989.50	-253.70	67.30	37.56	11.94	-41.35	-33.58	12.69	-8.50	4.18	24.65	-8.81	-0.81	0.77	-3.61	-5.83
MRBLD1CB164_SIN		0.00	310.83	-37.69	77.19	161.99	-39.01	29.82	-2.13	-39.40	-52.36	31.29	11.10	2.46	2.74	11.01	-19.44
MRBLD1FB42P75_COS		2526.63	410.42	124.66	771.32	-32.46	-71.81	-103.88	-156.15	-81.64	-104.03	-18.47	11.68	-1.27	1.46	-2.52	37.55
MRBLD1FB42P75_SIN		0.00	-299.54	383.76	368.22	446.76	191.99	20.96	-206.08	-20.97	-55.97	-143.96	9.69	4.28	-4.72	-30.57	16.99
MRBLD1FB70_COS		620.56	101.73	37.45	218.24	-20.05	-18.02	-19.50	-15.89	-0.91	0.06	0.81	1.44	1.29	0.99	0.94	-6.90
MRBLD1FB70_SIN		0.00	-247.85	158.96	87.87	126.09	29.72	3.44	-29.46	4.88	6.09	3.73	2.30	1.89	1.76	6.19	-3.95
MRBLD1FB87_COS		65.26	115.95	-21.83	110.25	-20.01	-14.13	-1.55	12.29	12.30	19.75	6.53	-1.54	1.48	0.39	1.22	-7.57
MRBLD1FB87_SIN		0.00	-307.37	116.13	50.32	49.75	5.35	-3.48	17.63	1.40	10.77	34.16	-0.79	0.87	2.80	8.60	-0.76
MRBLD1FB120_COS		-305.63	144.60	-105.54	95.61	-11.38	-19.27	1.54	17.92	-5.87	-7.94	-8.02	-5.87	-5.49	-1.42	-1.69	12.54
MRBLD1FB120_SIN		0.00	-442.12	126.16	127.31	13.37	6.15	1.39	49.98	-2.64	-9.43	-16.53	-4.59	-5.35	-7.00	-14.16	1.00
MRBLD1FB164_COS		53.94	129.90	-3.79	81.54	72.76	51.70	30.94	-12.37	2.15	10.10	6.68	1.92	2.38	-2.08	-2.14	-6.85
MRBLD1FB164_SIN		0.00	-568.37	215.14	246.16	-47.82	-41.40	-20.63	-71.71	4.63	14.60	25.32	0.58	2.39	2.95	6.03	-1.20

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.62	-19.76	42.71	13.53	55.32	50.56	16.86	-17.50	4.15	29.15	10.91	-15.32	-14.22	-7.69	-2.29	15.03
MRBLD1FB180_SIN		0.00	-401.06	150.45	144.03	-48.11	-21.36	-12.99	-65.22	5.34	24.61	68.60	-8.32	-13.71	-11.45	-17.84	0.72
MRBLD1TOR51_COS		-1482.18	181.80	67.49	34.33	4.73	-18.79	10.68	-21.19	-6.56	1.15	-2.23	-2.73	-2.07	0.01	3.68	2.35
MRBLD1TOR51_SIN		0.00	-127.08	158.72	80.77	15.05	14.11	-23.95	-36.51	-0.54	1.45	10.14	-2.41	-5.36	-5.03	-5.02	3.66
MRBLD1TOR71_COS		-309.20	201.54	34.11	17.46	15.48	-6.88	19.35	-16.41	-3.12	3.76	-2.77	-3.11	-1.09	0.36	2.32	1.58
MRBLD1TOR71_SIN		0.00	-122.68	132.68	40.48	-11.77	12.21	-19.00	-20.68	2.16	3.65	15.33	-3.02	-4.24	-3.46	-2.14	2.54
MRBLD1TOR130_COS		-51.13	177.08	38.30	-9.73	22.69	0.30	16.63	-10.44	-0.96	0.42	8.76	-1.13	-0.75	-1.05	-2.74	-1.84
MRBLD1TOR130_SIN		0.00	-91.03	78.14	27.07	-26.76	5.03	-12.94	-22.93	0.48	-4.37	-0.22	2.37	2.41	2.42	3.22	-0.75
MRBLD1TOR164_COS		-273.06	94.56	29.51	-23.45	3.24	-6.24	2.81	-7.10	1.19	3.16	0.58	-1.18	0.15	-0.28	-1.04	-0.73
MRBLD1TOR164_SIN		0.00	-18.10	14.21	-26.75	-11.13	7.47	-6.29	-7.77	1.07	0.78	3.21	-2.58	-0.13	0.50	-0.02	-0.09
MRFBM1CB26P5_COS		-934.22	-1069.09	241.49	-33.96	-49.40	-0.45	6.75	1.84	-0.53	-2.90	11.76	0.71	-0.43	0.17	1.97	-1.27
MRFBM1CB26P5_SIN		0.00	670.56	118.09	-64.17	-27.68	-4.24	-19.15	-12.00	-2.13	-5.21	-14.66	2.11	0.06	-0.35	-0.28	-0.46
MRFBM1FB9_COS		652.22	-28.73	-203.39	-126.26	30.62	23.55	9.98	-1.01	1.99	1.71	-2.93	0.39	0.40	0.00	-1.04	0.53
MRFBM1FB9_SIN		0.00	-61.49	-196.78	-173.94	-54.75	-7.42	8.62	14.11	3.17	2.77	3.19	-0.10	0.17	0.08	0.29	-1.58
MRFBM1TOR26P5_COS		-100.81	82.25	3.53	-0.28	-0.19	-0.32	0.38	-0.08	-0.15	0.04	-0.23	0.10	0.00	0.03	0.07	0.06
MRFBM1TOR26P5_SIN		0.00	-277.91	2.77	0.39	-0.72	0.32	-0.75	-0.33	0.08	0.17	0.12	0.03	-0.05	-0.05	-0.08	-0.05

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		454.68	-1272.13	423.40	-25.44	-105.13	-52.96	-62.83	-20.72	13.59	-10.89	5.70	10.84	1.95	-2.04	4.51	-1.54
MRPC1CB33P25_SIN		0.00	1387.26	5.79	59.01	156.71	-32.42	-21.90	-61.18	-2.51	0.73	-72.67	5.24	5.90	2.89	-5.09	20.01
MRPC1FB33P25_COS		1797.74	333.44	-23.31	597.93	-114.83	-110.01	-94.31	-41.10	-46.44	-42.90	73.06	6.83	-1.24	3.66	24.89	6.42
MRPC1FB33P25_SIN		0.00	-55.72	306.18	434.31	371.33	131.25	-14.36	-237.18	-61.61	-98.79	-120.04	14.32	1.74	-2.07	-19.74	46.46
MRPC1TOR25P5_COS		-361.84	-110.53	-98.36	1.46	-14.98	23.73	-12.78	20.88	9.12	2.38	12.76	5.07	3.09	-0.62	-4.71	-3.98
MRPC1TOR25P5_SIN		0.00	-137.77	-163.43	-73.83	3.44	-17.25	31.53	31.98	-2.59	-7.68	-18.44	4.81	9.95	8.40	9.15	2.22
MRPLK1LOAD_COS		-6.43	-18.32	-12.84	-1.58	-3.59	4.66	-2.91	3.25	2.39	0.44	2.32	0.17	0.36	-0.06	-0.96	-0.94
MRPLK1LOAD_SIN		0.00	-11.68	-22.77	-13.55	0.07	-2.84	4.50	4.90	-0.30	-0.91	-2.01	-0.23	1.27	1.32	1.44	0.55
PITCHRH_COS		8264.13	-9152.91	-437.69	125.40	2.92	-141.20	-25.27	-106.48	58.91	12.84	67.18	-7.83	11.93	32.33	-10.21	-139.17
PITCHRH_SIN		0.00	685.67	-743.61	-23.07	9.28	1058.91	49.12	60.08	4.82	-17.10	-304.22	37.98	-13.68	-1.89	1.88	53.18
ROLLRH_COS		3771.64	-692.70	838.48	-103.41	45.15	-2433.38	6.85	15.56	36.98	108.01	239.48	-29.74	13.57	-85.05	79.82	145.60
ROLLRH_SIN		0.00	-9223.31	-349.34	165.29	302.62	831.00	-170.57	-112.60	-2.55	-8.15	-17.25	-17.63	-10.29	24.66	-17.62	162.32
TORQ_COS		107678.60	492.37	-8.40	74.50	71.33	-28.45	5.14	8.08	-3.70	2.32	-21.86	-4.30	1.90	-1.86	-4.48	4.63
TORQ_SIN		0.00	1262.11	-69.76	132.70	-137.31	25.27	15.74	40.14	-4.89	-5.83	61.31	1.65	-7.19	6.14	-4.78	0.17
THRUST_COS		5831.37	-237.59	1.60	28.76	-4.69	44.21	5.23	15.18	1.12	-9.15	-8.49	-6.82	-2.09	0.10	-1.70	-13.55
THRUST_SIN		0.00	-258.90	6.60	-0.27	26.08	-87.01	11.04	7.71	-4.79	1.35	59.91	-2.93	0.49	0.75	6.28	-25.87

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-133.81	35.55	-17.76	2.21	-11.86	57.25	1.19	-0.31	-1.85	-4.36	-8.23	1.48	-0.58	2.29	-2.61	-3.94
SIDERH_SIN		0.00	214.09	-0.74	-4.22	-18.38	-135.67	-1.23	2.54	-0.12	1.31	-4.93	0.74	0.04	-0.74	0.35	-4.60
DRAGRH_COS		-113.33	215.79	12.87	0.70	15.45	75.64	-19.52	-2.70	-0.23	-2.80	-7.97	-0.20	-1.55	-0.52	0.44	6.47
DRAGRH_SIN		0.00	-29.12	14.55	-1.47	4.75	141.69	19.49	-1.90	-3.19	2.43	10.40	-1.95	1.00	-0.60	-0.02	-3.38

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.38	-2.56	-8.90	-0.91	-1.00	-0.26	0.30	-0.13	-0.23	-0.02	0.08	0.02	0.01	-0.08	-0.08	-0.06
ACT1FORCE_SIN		0.00	18.02	-1.80	-2.56	1.31	0.25	0.20	0.40	0.16	-0.04	-0.07	-0.02	0.04	0.09	-0.01	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		432.91	9.41	74.74	11.51	8.85	1.98	-5.04	-0.02	0.01	0.01	0.01	0.01	-0.02	-0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-139.08	14.72	28.41	-11.83	-2.76	0.34	0.00	-0.03	0.00	0.01	0.01	0.01	-0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		372.67	-9.31	-74.90	-11.64	-8.84	-1.98	5.03	0.03	-0.02	-0.01	-0.01	-0.01	0.02	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	139.36	-14.61	-28.49	11.80	2.78	-0.36	-0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-871.71	-1779.94	490.08	-74.55	-146.14	-77.52	-68.86	-3.14	18.14	-25.78	19.44	15.36	-0.98	-4.32	3.05	-4.54
MRBLD1CB42P75_SIN		0.00	1375.62	14.38	110.16	235.18	-82.80	-24.38	-63.48	19.52	34.84	-76.65	1.54	10.25	5.97	-0.57	22.80

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4499.49	-1327.72	364.07	-161.74	-69.74	-101.33	-86.49	-1.89	18.13	-14.83	-4.53	11.43	2.43	-1.17	1.92	3.25
MRBLD1CB70_SIN		0.00	1039.15	-90.64	181.81	342.98	-117.49	39.93	-36.83	18.47	36.97	-34.31	-5.15	4.84	2.40	-6.21	30.01
MRBLD1CB120_COS		-233.91	-772.04	289.65	-43.87	7.11	-91.20	-79.38	16.00	4.69	14.36	-12.05	-10.63	2.05	3.84	3.50	-1.21
MRBLD1CB120_SIN		0.00	766.41	-105.41	157.97	397.71	-90.58	70.47	-47.44	-29.38	-37.96	42.09	3.34	0.47	-0.51	-0.91	3.15
MRBLD1CB164_COS		-1993.30	-255.88	64.21	30.06	0.13	-53.46	-34.34	13.25	-8.08	13.18	4.03	-10.00	-0.12	1.15	-4.53	-1.89
MRBLD1CB164_SIN		0.00	289.23	-34.31	85.19	169.88	-37.05	34.90	-3.82	-40.19	-49.52	31.50	10.88	2.08	1.58	7.95	-19.44
MRBLD1FB42P75_COS		2528.79	416.15	97.40	807.09	-34.18	-98.42	-110.86	-130.40	-74.11	-96.80	-12.17	7.34	0.96	1.73	7.51	35.21
MRBLD1FB42P75_SIN		0.00	-248.80	357.87	389.87	478.91	183.10	19.48	-222.68	-24.70	-60.49	-116.23	3.94	3.27	-5.69	-28.22	23.05
MRBLD1FB70_COS		617.55	96.94	31.42	229.05	-21.52	-24.46	-21.53	-11.15	0.03	-0.02	1.32	1.37	0.79	0.71	-1.29	-6.30
MRBLD1FB70_SIN		0.00	-243.69	149.21	97.94	135.73	28.89	3.33	-32.28	3.75	5.85	2.80	2.04	1.64	1.69	5.00	-5.76
MRBLD1FB87_COS		66.36	114.24	-23.94	113.90	-20.80	-14.55	-1.24	9.91	11.33	18.69	4.10	-0.59	1.00	0.35	-1.01	-7.33
MRBLD1FB87_SIN		0.00	-298.63	110.99	57.15	51.22	5.17	-3.04	19.15	1.65	11.25	28.61	0.70	1.21	3.32	8.65	-1.60
MRBLD1FB120_COS		-299.83	144.08	-105.06	91.39	-14.07	-16.71	3.27	10.94	-7.04	-7.64	-7.17	-6.22	-4.69	-1.29	1.50	11.78
MRBLD1FB120_SIN		0.00	-427.69	123.16	136.06	9.73	4.71	0.85	52.57	-2.77	-9.47	-14.71	-5.26	-5.69	-7.69	-13.97	2.53
MRBLD1FB164_COS		51.86	125.69	-8.07	78.74	71.22	55.28	28.88	-6.37	3.91	9.06	5.10	2.37	1.05	-1.76	-3.82	-6.83
MRBLD1FB164_SIN		0.00	-550.77	205.00	251.17	-53.05	-32.53	-15.67	-74.59	5.11	13.64	21.56	1.48	2.03	2.51	5.47	-1.53

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.88	-21.65	38.86	12.73	55.38	51.97	13.85	-10.14	6.10	27.39	5.64	-14.62	-14.23	-6.50	1.72	14.77
MRBLD1FB180_SIN		0.00	-389.76	143.90	143.19	-49.66	-14.49	-8.89	-68.30	5.79	25.47	57.14	-7.16	-15.09	-13.48	-17.30	2.07
MRBLD1TOR51_COS		-1480.80	173.93	61.28	42.36	7.25	-24.16	9.89	-15.63	-3.31	1.36	-0.98	-2.64	-1.57	0.71	4.40	2.14
MRBLD1TOR51_SIN		0.00	-124.29	148.16	81.69	23.23	13.03	-27.22	-39.09	-1.12	2.87	8.39	-2.30	-5.71	-5.03	-4.07	3.71
MRBLD1TOR71_COS		-305.07	195.01	29.97	23.99	18.87	-10.62	18.99	-13.05	-0.63	3.65	-2.37	-3.20	-0.87	0.98	2.58	1.45
MRBLD1TOR71_SIN		0.00	-117.42	123.53	40.62	-5.80	12.08	-21.65	-22.84	1.78	5.21	13.02	-2.59	-4.49	-3.45	-1.44	2.66
MRBLD1TOR130_COS		-48.27	171.69	35.91	-5.60	26.87	-2.08	16.89	-7.47	1.14	0.76	7.81	-0.80	-0.81	-0.69	-3.05	-1.81
MRBLD1TOR130_SIN		0.00	-87.02	71.58	24.94	-22.23	5.78	-15.26	-24.21	0.52	-3.11	1.16	2.03	2.55	2.39	3.04	-0.75
MRBLD1TOR164_COS		-269.62	91.83	28.98	-21.20	5.84	-8.11	3.56	-5.73	2.10	3.00	0.26	-0.87	0.20	0.12	-0.80	-0.73
MRBLD1TOR164_SIN		0.00	-17.97	12.11	-29.20	-7.45	6.77	-7.84	-8.12	0.89	1.66	2.67	-2.57	0.12	0.30	0.09	-0.20
MRFBM1CB26P5_COS		-997.78	-1049.86	231.49	-27.14	-46.35	3.18	7.09	1.48	-0.36	-2.46	9.26	0.34	-0.27	0.03	1.90	-1.24
MRFBM1CB26P5_SIN		0.00	535.03	106.71	-65.55	-29.09	-5.69	-22.10	-11.15	-1.11	-5.32	-11.63	1.67	0.00	-0.39	0.22	-0.34
MRFBM1FB9_COS		623.76	-14.15	-191.67	-133.01	34.43	26.88	11.29	-2.57	1.48	1.66	-2.79	0.30	0.40	0.04	-0.90	0.98
MRFBM1FB9_SIN		0.00	-5.17	-182.87	-181.09	-58.37	-5.82	9.89	13.84	3.28	3.02	2.77	0.21	0.21	0.18	0.06	-1.29
MRFBM1TOR26P5_COS		-105.01	86.63	3.35	-0.13	-0.17	-0.40	0.28	-0.01	-0.16	0.06	-0.19	0.08	0.00	0.02	0.07	0.08
MRFBM1TOR26P5_SIN		0.00	-271.21	2.73	0.33	-0.59	0.26	-0.76	-0.36	0.06	0.13	0.05	0.04	-0.06	-0.06	-0.10	-0.05

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		405.95	-1347.03	402.23	-15.28	-115.86	-56.10	-62.81	-8.35	16.98	-14.26	15.70	11.38	1.62	-1.61	6.24	-5.31
MRPC1CB33P25_SIN		0.00	1223.70	-1.55	50.54	160.12	-40.02	-31.86	-61.53	0.04	1.22	-63.13	2.26	6.43	3.98	-1.77	20.66
MRPC1FB33P25_COS		1800.37	335.70	-42.92	624.59	-124.75	-129.78	-99.48	-14.36	-39.45	-35.36	63.14	7.16	1.58	5.48	28.55	-1.50
MRPC1FB33P25_SIN		0.00	-14.15	283.61	458.82	399.12	116.93	-17.97	-240.43	-61.05	-98.83	-95.45	8.30	2.93	-1.33	-8.20	48.39
MRPC1TOR25P5_COS		-375.94	-96.35	-92.46	-6.73	-18.73	28.75	-11.58	15.94	6.07	1.93	11.16	5.47	2.25	-0.77	-5.73	-5.28
MRPC1TOR25P5_SIN		0.00	-134.28	-152.84	-73.67	-4.24	-15.86	34.54	35.14	-1.61	-8.64	-14.04	4.85	10.97	8.39	9.31	2.49
MRPLK1LOAD_COS		-8.12	-16.03	-11.92	-2.78	-4.10	5.46	-2.61	2.48	1.98	0.28	1.97	0.25	0.23	0.02	-1.22	-1.17
MRPLK1LOAD_SIN		0.00	-11.48	-21.46	-13.45	-1.13	-2.55	4.88	5.43	-0.15	-0.92	-1.30	-0.24	1.41	1.31	1.47	0.55
PITCHRH_COS		7625.13	-9226.32	-349.33	81.99	-6.71	-136.89	106.03	-136.48	-21.83	-3.53	98.46	-5.87	16.96	35.57	-28.80	-116.66
PITCHRH_SIN		0.00	673.98	-724.02	-38.13	-2.88	1007.71	20.27	14.38	-24.54	-20.48	-293.30	19.68	-28.54	14.73	-14.79	78.50
ROLLRH_COS		2548.87	-618.28	823.30	-77.98	38.93	-2587.19	-146.47	90.75	128.18	125.45	224.26	-8.41	27.16	-91.59	75.19	126.27
ROLLRH_SIN		0.00	-9345.34	-348.65	174.43	308.60	836.64	-171.91	-108.34	-57.49	5.61	-13.56	-0.36	-24.19	11.29	-12.20	212.97
TORQ_COS		106225.02	473.53	3.24	110.00	47.02	-32.61	7.95	1.77	-4.95	3.06	-17.49	-3.95	3.22	-1.78	-3.60	4.52
TORQ_SIN		0.00	1278.99	-61.40	86.85	-132.56	36.68	17.46	36.44	-7.89	-6.51	49.22	1.82	-5.64	5.27	-5.72	0.37
THRUST_COS		5750.80	-241.02	2.08	27.14	-0.40	53.91	7.53	13.66	2.66	-8.27	-6.15	-7.11	-3.66	1.65	-2.23	-8.39
THRUST_SIN		0.00	-266.49	4.32	-11.18	28.66	-83.58	8.99	11.64	-1.84	3.44	50.90	-3.89	2.68	-0.60	5.10	-26.76

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.07	32.73	-18.90	6.25	-21.85	61.42	11.03	-2.15	-4.40	-5.51	-7.58	0.11	-0.97	2.54	-2.44	-3.51
SIDERH_SIN		0.00	214.89	4.21	1.35	-25.01	-143.53	3.11	3.22	2.24	0.64	-4.86	0.38	0.45	-0.36	0.16	-5.99
DRAGRH_COS		-110.95	214.48	7.59	-0.92	14.72	107.03	-15.32	0.19	2.59	-2.60	-9.60	0.61	-1.18	-0.65	1.33	5.80
DRAGRH_SIN		0.00	-25.59	12.37	-0.95	7.33	156.02	-10.82	1.10	-1.82	2.54	10.24	0.03	2.04	-0.14	1.17	-3.95

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.61	-2.74	-8.98	-0.65	-0.72	-0.20	0.25	-0.09	-0.28	-0.08	0.11	0.04	0.06	-0.03	-0.02	-0.03
ACT1FORCE_SIN		0.00	17.32	-2.09	-2.71	1.30	0.28	0.19	0.48	0.21	-0.09	-0.07	-0.10	0.03	0.06	-0.02	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.80	12.19	75.37	9.28	6.36	3.13	-4.28	0.01	0.01	0.01	0.00	-0.02	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-132.39	16.79	27.00	-9.32	-3.04	1.24	0.01	-0.01	0.00	0.02	0.00	-0.02	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.77	-12.09	-75.54	-9.41	-6.33	-3.13	4.27	0.00	-0.01	-0.01	0.00	0.02	0.00	0.00	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	132.66	-16.67	-27.08	9.29	3.06	-1.25	-0.01	0.01	0.00	-0.02	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-864.63	-1730.64	517.35	-71.69	-136.96	-61.11	-63.52	-26.27	10.90	-22.37	10.31	14.64	-0.64	-5.04	0.73	-4.01
MRBLD1CB42P75_SIN		0.00	1425.17	33.17	119.44	237.44	-68.72	-20.06	-64.97	14.76	33.37	-84.42	5.06	12.33	4.80	-3.42	22.50

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4510.77	-1299.23	372.89	-148.18	-38.91	-55.47	-81.12	-26.54	9.26	-11.96	-19.58	10.93	2.37	-1.86	-0.39	3.80
MRBLD1CB70_SIN		0.00	1073.49	-83.33	194.67	351.08	-103.65	37.56	-39.51	15.45	36.65	-36.57	-3.27	6.20	0.18	-7.89	31.12
MRBLD1CB120_COS		-217.99	-764.50	290.66	-25.95	45.68	-30.60	-74.56	-1.51	-0.03	10.68	-5.23	-10.40	1.47	2.80	3.03	-2.55
MRBLD1CB120_SIN		0.00	777.38	-104.75	175.58	403.91	-82.91	64.34	-49.92	-25.47	-37.91	44.66	0.73	-0.91	0.00	-1.48	3.67
MRBLD1CB164_COS		-1984.46	-256.10	59.10	39.35	16.40	-29.18	-34.18	13.37	-10.21	9.41	16.98	-10.87	-2.52	-0.45	-4.52	-2.87
MRBLD1CB164_SIN		0.00	287.00	-34.54	93.82	171.83	-34.44	32.44	-4.41	-35.41	-49.73	32.74	8.67	0.39	3.27	9.43	-21.09
MRBLD1FB42P75_COS		2532.98	405.20	125.45	818.30	-38.72	-92.56	-107.48	-176.16	-81.45	-102.70	-5.12	10.35	0.74	0.63	0.20	37.39
MRBLD1FB42P75_SIN		0.00	-258.92	372.75	397.58	471.63	189.17	21.93	-198.24	-19.96	-63.09	-139.80	4.61	3.01	-6.31	-31.01	24.19
MRBLD1FB70_COS		615.56	104.40	43.01	234.90	-20.82	-19.64	-19.90	-19.49	-1.14	-0.52	0.36	1.00	0.74	0.93	0.58	-6.66
MRBLD1FB70_SIN		0.00	-249.22	158.23	99.93	133.04	28.89	3.14	-28.69	4.51	5.78	3.50	2.00	1.64	1.81	6.02	-5.35
MRBLD1FB87_COS		61.31	121.18	-16.24	119.38	-19.17	-12.54	-0.88	14.92	13.24	19.95	3.05	-1.40	0.86	0.47	0.45	-7.90
MRBLD1FB87_SIN		0.00	-306.26	116.74	56.66	50.28	3.84	-4.44	15.79	0.80	11.78	33.69	0.31	1.34	3.39	9.17	-1.84
MRBLD1FB120_COS		-309.34	147.89	-104.13	95.81	-13.55	-20.41	0.84	21.06	-6.87	-8.05	-6.92	-5.48	-4.19	-1.32	-0.54	12.58
MRBLD1FB120_SIN		0.00	-433.52	127.93	129.62	11.38	5.22	1.63	48.79	-3.24	-8.94	-15.96	-5.38	-5.81	-7.69	-14.79	2.68
MRBLD1FB164_COS		45.38	132.81	6.59	80.06	68.04	53.30	34.43	-18.48	3.43	10.27	4.06	1.81	1.39	-2.00	-2.56	-7.12
MRBLD1FB164_SIN		0.00	-554.30	212.85	244.25	-51.92	-40.06	-16.70	-69.70	4.73	13.69	25.07	1.26	2.94	3.04	5.94	-1.93

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-3.02	-16.21	50.36	10.95	53.46	52.79	19.11	-21.84	5.19	29.65	2.62	-15.83	-13.32	-6.52	-0.78	15.46
MRBLD1FB180_SIN		0.00	-393.90	148.91	142.45	-49.84	-18.75	-10.46	-63.87	4.22	24.89	68.46	-7.05	-13.50	-12.41	-18.25	3.00
MRBLD1TOR51_COS		-1478.72	179.22	67.97	38.04	8.04	-24.46	9.29	-24.34	-4.44	1.50	-3.15	-2.78	-1.43	0.66	4.07	2.16
MRBLD1TOR51_SIN		0.00	-125.46	156.11	86.95	19.05	11.15	-28.43	-34.56	-0.02	1.27	9.38	-2.46	-5.46	-4.97	-4.74	4.39
MRBLD1TOR71_COS		-304.78	199.43	34.70	19.59	18.98	-11.94	17.83	-18.55	-1.12	4.10	-4.48	-3.48	-0.80	0.76	2.43	1.23
MRBLD1TOR71_SIN		0.00	-119.40	130.26	44.50	-9.71	9.69	-22.99	-18.75	3.08	3.81	14.47	-2.73	-4.24	-3.38	-2.00	2.82
MRBLD1TOR130_COS		-47.78	175.02	39.25	-10.28	25.85	-3.93	15.31	-12.67	0.54	1.18	8.34	-1.22	-0.92	-1.02	-2.95	-2.08
MRBLD1TOR130_SIN		0.00	-87.79	76.65	28.19	-25.51	3.71	-16.01	-21.19	1.65	-4.47	0.78	2.45	2.58	2.22	2.91	-1.41
MRBLD1TOR164_COS		-269.44	93.62	28.84	-24.37	5.60	-8.56	2.01	-7.64	1.93	3.48	-0.17	-0.93	0.21	-0.02	-0.76	-0.77
MRBLD1TOR164_SIN		0.00	-17.96	13.96	-26.53	-9.50	6.94	-8.34	-7.00	1.36	1.08	3.11	-2.42	0.05	0.10	-0.30	-0.69
MRFBM1CB26P5_COS		-992.30	-1006.65	243.07	-33.04	-52.80	-4.69	7.12	1.40	0.74	-2.14	12.74	0.63	-0.20	0.28	2.22	-1.19
MRFBM1CB26P5_SIN		0.00	570.22	114.48	-66.08	-30.44	-4.56	-20.10	-10.67	-2.11	-5.47	-13.32	2.17	-0.03	-0.22	-0.33	-0.64
MRFBM1FB9_COS		648.17	-64.19	-211.51	-134.50	33.84	24.13	10.52	-0.28	1.86	1.68	-3.10	0.24	0.38	0.00	-1.02	0.97
MRFBM1FB9_SIN		0.00	-14.43	-196.08	-185.01	-57.34	-6.06	9.28	14.92	3.44	3.06	2.89	0.13	0.16	0.20	0.25	-1.55
MRFBM1TOR26P5_COS		-105.09	88.12	3.37	-0.18	-0.03	-0.45	0.36	-0.02	-0.18	0.02	-0.21	0.10	0.00	0.02	0.07	0.08
MRFBM1TOR26P5_SIN		0.00	-271.08	2.81	0.54	-0.69	0.22	-0.74	-0.33	0.02	0.16	0.09	0.02	-0.05	-0.04	-0.07	-0.02

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		417.70	-1315.81	433.20	-17.92	-119.19	-54.37	-59.29	-24.45	12.50	-13.68	15.98	12.13	2.25	-1.88	4.73	-4.76
MRPC1CB33P25_SIN		0.00	1258.81	14.96	57.09	157.62	-29.30	-26.34	-60.83	-3.38	-0.70	-70.35	5.13	7.35	3.60	-4.36	20.09
MRPC1FB33P25_COS		1804.46	324.55	-21.27	632.99	-126.78	-125.98	-97.11	-59.46	-47.03	-38.16	81.93	9.28	1.34	4.69	26.01	-0.93
MRPC1FB33P25_SIN		0.00	-22.19	296.07	467.92	392.16	123.99	-14.34	-238.71	-60.62	-102.82	-108.33	11.39	3.44	-2.49	-17.05	49.88
MRPC1TOR25P5_COS		-377.62	-100.85	-99.76	-0.97	-19.34	29.93	-11.44	22.77	6.45	1.95	14.25	5.05	1.72	-1.77	-5.43	-5.12
MRPC1TOR25P5_SIN		0.00	-132.47	-161.21	-78.15	0.58	-13.11	36.78	29.93	-2.01	-6.87	-16.27	5.66	10.99	7.64	8.18	0.59
MRPLK1LOAD_COS		-8.94	-16.92	-12.94	-2.04	-4.25	5.73	-2.72	3.47	2.13	0.39	2.35	0.22	0.16	-0.20	-1.11	-1.30
MRPLK1LOAD_SIN		0.00	-11.30	-22.39	-14.08	-0.42	-2.12	5.01	4.67	-0.07	-0.81	-1.62	-0.06	1.43	1.19	1.25	0.11
PITCHRH_COS		8464.36	-9370.90	-500.16	116.73	-9.05	-358.01	0.46	-160.95	86.63	19.65	127.23	-3.85	-4.63	20.08	-5.33	-134.29
PITCHRH_SIN		0.00	512.18	-688.26	-12.58	-22.68	979.71	-59.50	95.56	74.45	-31.85	-307.58	50.33	-20.10	1.46	-14.50	13.41
ROLLRH_COS		2789.13	-414.92	757.84	-35.27	81.49	-2442.19	34.82	57.30	132.13	137.10	235.05	-34.18	22.84	-77.19	88.39	157.01
ROLLRH_SIN		0.00	-9461.99	-440.10	130.36	284.69	778.51	-96.79	-80.30	-38.82	-5.00	4.24	-4.68	-33.07	16.10	8.69	213.43
TORQ_COS		106646.22	449.45	4.38	79.06	62.48	-28.37	2.83	11.51	-7.72	3.23	-28.59	-2.35	3.38	-2.85	-4.43	4.72
TORQ_SIN		0.00	1334.78	-53.52	116.45	-118.58	7.54	20.23	39.64	-4.24	-5.45	60.57	1.41	-3.60	5.92	-3.96	1.06
THRUST_COS		5821.69	-248.85	-2.38	25.68	-0.46	50.84	4.14	16.70	3.85	-7.19	-16.74	-7.56	-3.03	0.93	-1.14	-10.32
THRUST_SIN		0.00	-295.19	9.88	-2.92	24.25	-80.63	7.08	8.94	-4.23	0.56	59.39	-4.40	2.48	-1.00	4.54	-30.30

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.25	31.45	-15.52	4.82	-18.93	57.79	1.16	-1.36	-4.28	-5.99	-7.71	1.32	-0.75	1.94	-2.73	-4.32
SIDERH_SIN		0.00	218.38	3.69	4.33	-7.53	-129.29	-5.58	1.39	1.85	1.65	-5.80	0.74	0.98	-0.47	-0.59	-5.90
DRAGRH_COS		-103.18	213.79	9.22	-1.19	16.69	115.37	-30.11	-0.23	0.60	-3.77	-12.03	1.38	0.14	0.47	0.62	6.91
DRAGRH_SIN		0.00	-26.96	12.08	0.16	6.38	140.91	22.43	-3.88	-6.16	4.02	9.06	-3.20	1.17	-0.11	0.71	-1.33

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.76	-1.45	-6.16	-1.06	-1.51	-0.46	-0.38	-0.07	-0.10	-0.08	0.11	0.12	0.07	0.10	-0.02	0.01
ACT1FORCE_SIN		0.00	18.07	-0.83	-0.73	1.35	-0.33	-0.41	0.05	-0.01	-0.02	-0.10	0.04	0.10	0.08	0.07	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		282.10	2.28	52.95	13.17	11.52	4.36	3.60	-0.03	0.01	-0.01	-0.01	0.01	-0.01	-0.01	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-147.49	7.94	7.27	-14.42	1.86	3.04	-0.03	-0.04	-0.01	-0.01	0.01	0.02	0.00	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		523.74	-2.11	-53.09	-13.25	-11.49	-4.40	-3.64	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	147.82	-7.81	-7.30	14.48	-1.83	-3.02	0.00	0.03	0.01	0.01	-0.01	-0.01	0.01	-0.01	0.01
MRBLD1CB42P75_COS		-2964.35	-1267.07	277.58	187.52	-14.82	-9.55	-32.34	-19.60	13.60	-8.88	23.03	-0.59	-5.90	-1.03	11.52	2.95
MRBLD1CB42P75_SIN		0.00	-139.61	12.70	89.85	178.81	5.87	6.99	-58.80	9.94	32.24	-119.53	29.25	8.37	-0.35	-12.71	20.01

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3406.99	-884.93	202.17	100.70	57.31	-4.98	-31.12	-12.72	17.34	1.24	-1.31	-0.54	-2.01	2.24	7.78	10.80
MRBLD1CB70_SIN		0.00	-61.32	-83.28	124.09	107.64	-37.12	26.23	-31.80	8.18	37.30	-38.23	15.76	3.78	-1.96	-13.70	23.18
MRBLD1CB120_COS		-543.08	-529.66	120.39	137.98	95.29	-23.23	-48.05	-12.08	-10.02	-4.50	-7.14	-2.05	3.64	1.89	3.00	-0.36
MRBLD1CB120_SIN		0.00	187.23	-149.86	98.74	137.49	-40.25	30.17	-29.64	-18.28	-33.87	63.90	-8.70	-1.38	-1.46	-0.65	5.19
MRBLD1CB164_COS		-1954.94	-170.97	21.24	100.64	33.53	-32.16	-27.37	-4.04	-17.91	-2.66	9.42	1.07	3.10	-0.81	-6.31	-6.38
MRBLD1CB164_SIN		0.00	99.13	-61.98	45.96	73.45	-24.26	5.30	2.66	-22.70	-47.80	31.49	-4.37	1.59	2.82	12.62	-14.99
MRBLD1FB42P75_COS		2271.05	363.42	-31.00	997.87	119.08	-46.24	-105.09	-172.62	-72.29	-107.17	-48.77	17.95	-5.21	-6.27	-7.21	44.99
MRBLD1FB42P75_SIN		0.00	128.18	269.17	51.06	599.41	219.66	99.27	-132.47	3.82	-39.37	-170.97	20.21	3.34	-9.68	-54.44	13.95
MRBLD1FB70_COS		410.79	93.26	15.50	311.29	25.47	-2.74	-12.55	-15.82	3.03	2.93	3.15	3.37	3.03	2.94	1.94	-8.42
MRBLD1FB70_SIN		0.00	-222.51	129.97	-5.56	156.41	35.45	13.38	-21.76	3.81	4.12	1.33	1.17	1.78	2.49	11.10	-3.94
MRBLD1FB87_COS		2.38	109.30	-3.84	160.83	-2.42	-8.89	-0.39	15.05	11.48	20.95	13.77	-2.29	3.14	2.67	2.58	-8.53
MRBLD1FB87_SIN		0.00	-256.12	106.49	8.16	61.35	7.09	-7.84	9.85	-2.28	7.67	41.87	-3.88	1.82	5.41	14.89	1.15
MRBLD1FB120_COS		-304.30	153.21	-47.23	135.01	-17.39	-28.70	-4.67	14.97	-11.19	-10.57	-11.57	-6.60	-7.09	-5.28	-3.65	14.22
MRBLD1FB120_SIN		0.00	-360.03	143.91	70.87	10.97	-0.52	-11.47	35.43	-4.82	-6.61	-17.48	-3.20	-7.10	-10.83	-23.22	-1.63
MRBLD1FB164_COS		-230.30	153.28	8.18	138.67	14.99	32.65	28.81	-14.33	12.30	11.41	9.38	1.58	2.22	-1.70	-2.32	-8.60
MRBLD1FB164_SIN		0.00	-454.02	219.51	160.97	-121.26	-48.26	2.67	-54.75	7.03	12.66	27.57	-2.88	3.75	5.86	11.18	-0.07

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-251.43	47.66	29.49	53.18	9.89	37.28	23.89	-19.07	10.20	30.84	19.33	-21.99	-16.60	-10.97	-2.80	18.56
MRBLD1FB180_SIN		0.00	-313.20	135.32	98.25	-90.08	-36.43	11.80	-44.57	0.36	14.78	83.81	-13.72	-13.18	-15.83	-31.26	-3.01
MRBLD1TOR51_COS		-1564.07	113.23	42.95	73.12	9.52	-18.28	27.53	-17.57	-5.50	1.51	-2.79	-3.32	-3.18	0.75	6.97	5.02
MRBLD1TOR51_SIN		0.00	-176.25	104.05	46.38	25.04	28.08	-20.23	-29.79	-0.81	-0.81	11.51	-3.94	-6.14	-7.96	-8.01	3.47
MRBLD1TOR71_COS		-336.78	131.78	26.27	38.24	12.14	-9.04	33.24	-11.18	-2.10	3.69	-3.32	-4.13	-1.24	0.99	5.34	3.47
MRBLD1TOR71_SIN		0.00	-142.98	89.36	22.68	-2.34	20.76	-17.59	-17.79	1.52	1.50	17.71	-3.58	-5.02	-5.52	-4.26	2.49
MRBLD1TOR130_COS		-82.66	117.46	37.30	-4.73	14.59	-3.37	26.04	-7.36	-0.17	1.07	10.62	-3.07	0.99	-1.16	-2.69	-3.35
MRBLD1TOR130_SIN		0.00	-127.37	56.35	18.89	-23.41	12.51	-12.40	-19.40	1.68	-3.76	-1.92	6.66	2.64	3.23	4.19	-0.15
MRBLD1TOR164_COS		-236.56	48.83	39.86	-34.40	1.37	-2.33	6.56	-4.88	1.86	2.56	1.10	-2.32	1.97	-0.27	-0.52	-1.54
MRBLD1TOR164_SIN		0.00	-72.05	3.06	-12.91	-0.96	13.82	-4.27	-8.57	0.22	0.51	4.22	-0.34	-0.26	0.89	-0.63	-0.34
MRFBM1CB26P5_COS		-3032.70	-551.37	101.88	0.08	-23.53	-1.93	-0.19	-2.65	-1.50	-3.14	7.66	0.60	-0.41	-0.61	3.22	-0.73
MRFBM1CB26P5_SIN		0.00	-130.90	38.86	-16.17	30.76	4.17	-7.63	-8.86	-1.75	-5.19	-21.79	1.69	0.03	-0.87	-1.66	0.90
MRFBM1FB9_COS		-623.00	181.65	-73.53	-217.81	16.28	22.49	10.88	2.62	2.28	1.61	-4.10	0.91	0.43	-0.11	-1.55	0.65
MRFBM1FB9_SIN		0.00	23.54	-141.80	-111.53	-78.00	-15.51	3.77	12.04	2.21	2.31	4.01	-0.74	0.10	0.24	0.58	-1.65
MRFBM1TOR26P5_COS		-240.99	36.63	0.12	-0.60	0.29	-0.13	0.61	-0.01	-0.07	0.10	-0.29	0.18	-0.10	0.05	0.03	0.11
MRFBM1TOR26P5_SIN		0.00	-167.00	1.81	-0.70	-0.67	0.45	-0.73	-0.03	0.07	0.10	0.24	-0.17	-0.05	-0.08	-0.07	-0.04

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-862.44	-1132.80	237.56	180.51	-36.92	-18.12	-40.89	-24.99	1.95	-13.61	19.49	2.22	-2.80	0.58	13.50	2.50
MRPC1CB33P25_SIN		0.00	-21.13	13.39	49.09	191.40	24.83	4.31	-58.93	-0.65	-0.40	-103.85	20.37	3.18	-1.05	-13.47	19.06
MRPC1FB33P25_COS		1623.65	284.02	-157.09	837.70	-25.63	-95.95	-120.72	-87.50	-53.94	-56.13	67.36	2.60	-3.12	3.39	44.40	13.16
MRPC1FB33P25_SIN		0.00	330.13	189.51	201.61	524.24	159.92	49.50	-185.69	-38.71	-88.90	-159.16	25.49	-1.93	-12.12	-38.23	52.19
MRPC1TOR25P5_COS		-507.75	-97.20	-130.01	-25.68	-16.11	25.52	-26.92	15.09	8.33	0.29	15.31	2.47	6.62	-0.41	-2.63	-6.13
MRPC1TOR25P5_SIN		0.00	133.63	-109.97	-61.18	-8.01	-36.98	30.70	23.28	-2.52	-4.73	-24.80	11.66	9.00	9.57	9.78	4.04
MRPLK1LOAD_COS		-34.40	-16.22	-9.78	-5.34	-3.67	4.21	-5.05	2.65	1.75	-0.07	2.71	-0.58	1.17	-0.01	-0.67	-1.66
MRPLK1LOAD_SIN		0.00	10.80	-16.43	-6.95	-1.94	-4.82	4.24	3.39	-0.37	-0.63	-2.90	1.49	1.13	1.48	1.65	0.64
PITCHRH_COS		4840.28	-9642.56	-385.78	45.49	-19.40	147.51	-125.32	-6.65	-24.02	11.32	-53.97	3.53	15.94	38.10	-54.44	-35.10
PITCHRH_SIN		0.00	1305.57	-829.51	-5.48	16.51	2534.65	-0.63	42.84	91.44	-36.34	-282.91	14.50	-7.19	9.54	5.05	48.73
ROLLRH_COS		766.41	-1144.41	1080.48	-81.91	-124.34	-2946.40	-52.21	-10.17	19.81	113.07	232.33	12.91	2.71	-12.89	32.37	397.60
ROLLRH_SIN		0.00	-9580.29	-386.76	128.98	176.15	1040.36	-156.48	-91.06	-2.30	-7.25	-127.83	-31.22	-28.23	10.51	-21.28	213.44
TORQ_COS		59258.06	533.99	-4.10	41.43	-24.62	-99.88	0.92	-5.60	-6.17	-3.71	-1.43	-1.82	1.19	-0.26	-4.73	1.99
TORQ_SIN		0.00	1009.23	-32.87	46.50	-84.48	22.38	11.05	15.43	-14.40	-5.92	84.82	2.86	-7.51	4.66	-4.37	-1.72
THRUST_COS		2829.14	-274.39	-3.01	18.06	3.73	63.76	2.66	2.79	-0.56	-4.56	9.87	-1.61	-1.49	-1.96	-0.13	-22.63
THRUST_SIN		0.00	-261.53	-11.83	0.86	19.15	-104.71	8.04	6.61	-0.70	3.66	79.71	8.02	-1.93	1.73	8.18	-20.67

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-69.95	43.93	-27.85	8.91	-7.87	94.62	0.70	-0.02	-1.17	-4.21	-10.35	-0.50	-0.17	0.37	-1.26	-11.58
SIDERH_SIN		0.00	224.86	8.88	3.13	-22.48	-156.58	6.96	2.75	-0.57	1.15	-0.69	1.22	0.74	-0.27	0.22	-6.07
DRAGRH_COS		-57.70	219.10	21.41	1.76	7.42	-82.13	-0.64	-2.55	-2.56	-5.20	0.61	0.56	-0.49	-1.96	2.88	2.21
DRAGRH_SIN		0.00	-36.76	1.16	0.17	11.92	73.85	6.05	-0.16	-4.19	5.03	13.28	-0.93	0.87	-0.23	-0.22	-3.08

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.05	-2.41	-7.34	-1.25	-0.56	-0.55	0.53	0.04	-0.06	0.07	0.09	0.12	0.00	0.04	-0.06	-0.07
ACT1FORCE_SIN		0.00	17.39	-1.35	-1.89	1.37	-0.07	-0.18	0.49	-0.03	0.05	-0.21	0.11	0.03	0.16	0.08	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.37	8.91	64.55	12.44	6.77	5.31	-6.73	-0.01	0.01	0.00	0.00	-0.02	0.00	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-139.37	10.22	23.42	-10.76	-0.92	3.24	0.01	-0.02	-0.01	0.01	0.00	0.01	-0.02	-0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.33	-8.74	-64.70	-12.58	-6.74	-5.32	6.72	0.03	-0.01	0.00	-0.01	0.02	0.00	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	139.67	-10.05	-23.48	10.77	0.96	-3.29	-0.02	0.02	0.01	-0.01	0.00	0.00	0.02	0.02	0.02
MRBLD1CB42P75_COS		-1670.19	-1468.13	417.44	31.12	-123.78	-59.02	-54.15	-10.79	18.52	-25.29	19.92	2.03	-6.13	-3.60	10.93	-3.06
MRBLD1CB42P75_SIN		0.00	990.32	17.97	110.30	260.65	-32.59	-15.20	-86.83	15.83	40.37	-79.95	13.15	6.22	3.42	-6.58	21.10

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4094.22	-1073.58	302.30	-57.19	-37.00	-90.54	-58.85	-13.04	16.77	-16.06	-11.14	1.89	-3.43	-1.39	8.30	3.28
MRBLD1CB70_SIN		0.00	719.39	-96.46	178.87	310.39	-57.78	32.48	-57.46	16.46	44.46	-22.31	3.15	3.28	1.24	-9.19	29.28
MRBLD1CB120_COS		-342.10	-642.69	209.08	35.29	50.42	-104.11	-56.34	-3.29	-5.57	11.52	-7.65	-3.45	3.39	2.97	3.16	-1.94
MRBLD1CB120_SIN		0.00	553.38	-138.14	165.90	344.88	-42.63	58.63	-56.08	-25.55	-39.43	43.90	-1.98	0.80	-0.61	-0.39	4.41
MRBLD1CB164_COS		-1963.06	-207.85	39.26	64.61	22.40	-65.17	-27.64	4.20	-15.21	14.76	15.25	-2.41	3.39	1.20	-8.44	-1.21
MRBLD1CB164_SIN		0.00	206.08	-52.67	90.29	150.66	-22.31	25.22	-0.42	-35.15	-54.03	22.36	4.90	1.91	2.00	8.96	-19.59
MRBLD1FB42P75_COS		2400.54	364.95	28.51	941.72	87.26	-76.91	-112.35	-167.56	-79.18	-92.77	-14.97	11.25	-2.61	-0.44	6.77	39.80
MRBLD1FB42P75_SIN		0.00	-126.49	333.51	316.00	539.09	188.17	54.41	-233.68	-22.54	-63.31	-150.37	15.33	-1.63	-10.17	-47.61	25.26
MRBLD1FB70_COS		536.47	100.23	17.10	281.24	13.51	-15.49	-18.88	-17.45	-0.22	0.60	1.58	2.01	1.29	0.94	-1.35	-7.27
MRBLD1FB70_SIN		0.00	-227.86	148.32	77.12	150.87	31.24	9.18	-35.10	3.79	6.08	3.12	2.10	2.36	2.59	9.29	-5.81
MRBLD1FB87_COS		41.62	116.48	-20.04	143.27	-8.11	-11.55	-0.95	14.10	12.16	17.84	5.03	-0.98	1.90	1.03	-0.95	-8.01
MRBLD1FB87_SIN		0.00	-276.25	114.66	50.57	56.02	4.32	-4.93	19.45	1.35	11.34	35.36	-2.59	2.46	4.49	12.90	-1.80
MRBLD1FB120_COS		-307.56	152.26	-81.24	116.60	-18.81	-21.27	-0.12	18.32	-7.84	-8.22	-7.62	-6.38	-4.61	-2.33	1.33	13.01
MRBLD1FB120_SIN		0.00	-390.57	137.78	127.01	9.31	2.72	-6.44	55.69	-4.01	-8.68	-15.91	-3.94	-6.98	-9.34	-20.21	3.57
MRBLD1FB164_COS		-71.88	139.34	3.10	104.71	34.75	47.49	37.66	-15.12	5.99	8.93	4.51	3.29	0.69	-1.69	-4.12	-7.19
MRBLD1FB164_SIN		0.00	-501.23	221.88	229.75	-83.53	-28.83	-4.21	-82.21	5.84	14.11	23.46	-0.94	3.47	3.77	8.52	-2.26

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-108.21	9.16	38.59	29.62	28.34	48.01	26.85	-20.55	9.07	26.40	6.27	-15.85	-13.87	-6.36	2.46	16.87
MRBLD1FB180_SIN		0.00	-353.25	147.37	129.90	-66.51	-18.14	4.72	-73.56	1.54	23.04	69.28	-12.85	-15.00	-14.99	-26.18	2.80
MRBLD1TOR51_COS		-1519.29	154.89	46.27	61.91	16.58	-20.38	6.77	-21.69	-4.41	1.49	-2.66	-2.25	-1.82	1.74	6.75	2.83
MRBLD1TOR51_SIN		0.00	-143.76	130.73	70.74	29.01	5.63	-26.84	-41.03	-1.40	0.11	9.88	-3.67	-6.14	-6.61	-5.44	4.82
MRBLD1TOR71_COS		-322.46	172.52	21.33	34.93	22.57	-7.82	15.72	-17.47	-1.29	3.51	-4.07	-2.86	-1.14	1.92	4.61	2.09
MRBLD1TOR71_SIN		0.00	-127.59	110.07	33.42	-2.31	3.07	-22.38	-23.34	2.09	2.29	15.10	-4.61	-4.51	-4.06	-2.44	3.17
MRBLD1TOR130_COS		-66.31	151.21	30.89	-2.80	24.92	-0.80	14.37	-11.66	0.81	0.92	8.93	-2.38	-1.27	-0.98	-3.15	-2.24
MRBLD1TOR130_SIN		0.00	-102.94	65.97	18.61	-21.86	-1.07	-15.87	-25.10	1.95	-4.41	1.01	2.32	2.99	3.63	3.13	-1.42
MRBLD1TOR164_COS		-258.79	74.98	29.99	-25.24	7.92	-3.79	0.56	-7.64	2.62	2.23	0.19	-1.57	0.23	-0.56	-0.45	-1.16
MRBLD1TOR164_SIN		0.00	-40.97	7.07	-28.51	-2.32	2.97	-7.61	-9.23	1.80	0.66	3.90	-2.83	0.67	1.48	-0.59	-0.85
MRFBM1CB26P5_COS		-1927.77	-749.41	177.84	-20.29	-48.20	3.87	2.12	1.81	0.41	-1.45	11.54	0.30	0.21	0.50	2.98	-0.83
MRFBM1CB26P5_SIN		0.00	373.66	74.75	-52.10	-3.87	-2.75	-17.44	-10.96	-1.90	-5.94	-16.28	2.08	-0.47	-0.64	-0.64	-0.32
MRFBM1FB9_COS		132.01	23.51	-132.78	-174.07	20.37	24.82	11.82	-1.35	1.60	1.50	-3.32	0.72	0.22	-0.16	-1.50	1.01
MRFBM1FB9_SIN		0.00	-86.30	-172.71	-172.11	-70.43	-8.63	7.45	15.82	3.08	2.52	2.86	-0.13	0.32	0.21	0.08	-1.48
MRFBM1TOR26P5_COS		-159.36	61.50	2.14	-0.07	0.35	-0.52	0.13	0.06	-0.16	0.08	-0.24	0.16	0.03	0.01	0.04	0.08
MRFBM1TOR26P5_SIN		0.00	-229.37	2.11	0.16	-0.45	0.12	-0.74	-0.32	-0.06	0.19	0.06	0.05	-0.07	-0.13	-0.08	-0.01

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		66.08	-1203.24	351.50	61.53	-110.25	-41.47	-54.11	-14.56	14.45	-15.01	21.90	4.21	-1.65	-1.00	13.19	-2.98
MRPC1CB33P25_SIN		0.00	942.18	15.73	47.88	199.18	-10.17	-18.71	-79.57	-2.01	3.01	-72.97	10.76	2.41	1.95	-6.74	19.88
MRPC1FB33P25_COS		1706.11	290.16	-98.01	747.84	-37.67	-114.91	-112.84	-39.74	-44.22	-30.87	80.97	1.71	1.98	6.72	45.54	-0.82
MRPC1FB33P25_SIN		0.00	92.73	248.69	419.36	475.47	129.16	9.02	-265.00	-62.60	-98.81	-122.00	18.08	-2.68	-6.48	-21.17	52.56
MRPC1TOR25P5_COS		-433.87	-113.55	-89.62	-16.10	-20.64	22.65	-9.28	21.69	6.42	1.90	14.32	2.48	2.20	-1.29	-4.89	-4.86
MRPC1TOR25P5_SIN		0.00	-44.76	-140.26	-69.10	-4.16	-2.69	33.44	34.61	-0.49	-6.34	-16.81	6.07	10.87	10.82	8.79	0.82
MRPLK1LOAD_COS		-17.60	-18.15	-10.10	-4.76	-5.42	4.89	-1.93	3.09	2.13	0.11	2.32	-0.34	0.10	-0.03	-0.95	-1.33
MRPLK1LOAD_SIN		0.00	-1.79	-19.42	-11.02	-2.00	-1.30	4.79	5.36	0.31	-0.76	-1.61	-0.15	1.63	1.99	1.43	0.09
PITCHRH_COS		7282.12	-9429.52	-366.34	88.01	-78.96	-17.36	4.60	-96.13	47.66	-21.82	59.24	32.27	29.98	20.37	-27.87	-94.24
PITCHRH_SIN		0.00	812.60	-780.18	-33.18	10.29	1483.71	-17.81	10.58	-19.71	-41.81	-206.70	24.15	-43.24	7.09	-1.18	33.15
ROLLRH_COS		3448.74	-624.10	927.28	-55.10	-116.97	-2749.49	-147.52	21.11	96.05	126.14	187.20	-31.54	32.15	-13.19	52.62	217.67
ROLLRH_SIN		0.00	-9504.91	-286.69	114.94	282.04	1118.79	-122.83	-33.64	-30.07	1.09	-24.66	15.43	1.78	-2.41	-14.84	299.00
TORQ_COS		86050.50	487.39	-0.89	89.24	57.73	-72.32	7.41	-8.42	-9.75	1.31	-24.63	-3.59	2.49	-3.74	-4.19	3.09
TORQ_SIN		0.00	1157.28	-54.58	62.92	-165.30	17.74	10.46	32.29	-4.91	-4.80	68.87	1.80	-4.57	5.96	-4.57	0.63
THRUST_COS		4611.30	-242.81	3.88	21.90	-3.75	55.02	3.49	9.23	-0.13	-9.41	-5.53	-8.77	-6.44	1.75	-3.37	-11.22
THRUST_SIN		0.00	-264.25	-4.76	-9.10	32.56	-95.91	5.01	13.41	0.26	5.67	62.50	-6.22	-1.58	3.15	3.75	-27.27

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-97.97	33.30	-22.97	8.25	-6.28	59.58	11.15	-0.63	-3.77	-4.86	-6.82	0.25	-1.11	0.15	-1.73	-6.38
SIDERH_SIN		0.00	226.85	3.38	0.65	-36.53	-153.73	4.26	0.92	1.07	1.20	-5.51	0.08	0.15	0.22	0.21	-8.65
DRAGRH_COS		-84.80	217.74	17.29	-1.03	9.73	69.66	-14.92	0.82	-0.13	-0.78	-8.41	1.34	-1.48	-0.21	1.23	5.88
DRAGRH_SIN		0.00	-29.87	9.71	-1.62	8.48	131.00	-10.27	0.95	-1.40	3.88	8.91	0.20	2.43	-0.07	0.89	-1.68

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.24	-2.72	-8.99	-0.47	-0.99	-0.12	0.20	-0.16	-0.33	-0.08	0.10	-0.03	0.07	-0.02	0.01	0.01
ACT1FORCE_SIN		0.00	17.43	-2.23	-2.90	1.36	0.49	0.29	0.37	0.22	-0.08	-0.06	-0.13	-0.04	0.04	-0.03	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		410.36	11.02	79.18	8.62	9.19	2.54	-4.73	0.01	0.02	0.02	-0.02	-0.01	0.00	-0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-132.92	17.38	30.62	-9.10	-4.36	0.83	0.00	-0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		395.24	-10.95	-79.35	-8.73	-9.17	-2.54	4.73	0.01	-0.02	-0.02	0.02	0.01	0.00	0.01	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	133.18	-17.31	-30.72	9.05	4.38	-0.83	-0.01	0.02	-0.01	-0.02	0.00	0.00	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-563.52	-2008.56	518.57	-113.70	-153.53	-81.49	-74.88	-1.18	12.91	-25.73	7.92	7.94	1.84	-5.12	1.71	-2.40
MRBLD1CB42P75_SIN		0.00	1451.16	38.89	104.38	224.96	-109.45	-24.53	-45.68	17.46	29.60	-73.80	2.18	9.91	5.10	-3.30	21.86

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4689.10	-1494.46	388.47	-195.03	-78.14	-95.18	-104.58	-1.21	11.78	-16.60	-11.17	5.39	4.99	-1.88	0.67	5.52
MRBLD1CB70_SIN		0.00	1121.58	-79.42	178.02	354.91	-163.38	50.77	-26.37	18.84	29.64	-35.51	-2.09	6.90	2.43	-8.23	27.98
MRBLD1CB120_COS		-183.82	-848.13	322.38	-73.95	-2.11	-71.78	-100.26	24.29	3.85	11.56	-11.46	-9.03	0.53	3.53	3.86	-1.48
MRBLD1CB120_SIN		0.00	838.28	-92.54	149.00	423.85	-137.62	83.16	-45.70	-25.38	-37.33	39.77	4.72	2.12	0.75	-0.88	2.84
MRBLD1CB164_COS		-1989.91	-282.96	73.69	17.89	-6.23	-43.88	-44.93	17.42	-5.13	11.31	2.68	-6.97	-2.71	1.04	-4.56	-3.41
MRBLD1CB164_SIN		0.00	320.27	-27.89	82.08	181.88	-55.99	40.24	-7.48	-37.75	-44.64	32.20	11.32	-0.39	1.80	8.67	-17.68
MRBLD1FB42P75_COS		2569.61	464.44	120.88	733.65	-71.88	-85.23	-101.57	-97.20	-78.11	-97.68	-23.28	-0.61	-2.23	1.54	3.57	36.47
MRBLD1FB42P75_SIN		0.00	-294.45	400.70	426.25	460.72	183.12	3.43	-205.98	-24.79	-57.17	-96.63	5.48	3.31	-3.48	-27.81	20.24
MRBLD1FB70_COS		647.95	99.67	35.42	204.13	-32.04	-22.56	-21.62	-6.46	-1.22	-0.98	0.35	1.18	0.65	0.13	-0.45	-6.39
MRBLD1FB70_SIN		0.00	-253.28	162.55	105.55	132.31	26.60	1.35	-28.96	4.42	6.44	3.55	2.27	1.83	1.58	4.85	-4.89
MRBLD1FB87_COS		73.77	118.08	-25.29	104.40	-23.40	-13.30	-1.78	7.08	12.25	18.75	6.63	1.22	1.20	-0.07	-0.46	-7.87
MRBLD1FB87_SIN		0.00	-308.75	116.24	58.48	51.56	4.01	-1.88	17.34	2.02	10.96	24.04	-0.04	1.12	2.38	8.20	-1.41
MRBLD1FB120_COS		-301.78	142.27	-112.95	87.86	-13.22	-16.11	1.70	3.80	-5.23	-6.93	-7.18	-6.54	-4.55	-0.47	1.00	12.80
MRBLD1FB120_SIN		0.00	-445.47	122.54	143.04	9.55	6.46	4.64	48.26	-2.89	-9.82	-14.05	-4.91	-5.23	-6.23	-12.60	2.55
MRBLD1FB164_COS		90.66	128.76	-7.66	66.04	79.91	52.81	31.00	6.47	1.72	10.37	6.87	4.03	1.84	-2.34	-3.41	-7.21
MRBLD1FB164_SIN		0.00	-576.20	213.08	266.47	-55.11	-32.37	-24.44	-66.18	5.10	13.81	19.53	0.37	2.04	1.78	5.28	-1.70

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		34.53	-25.41	43.28	3.17	62.07	48.97	16.17	-0.28	4.57	28.62	11.66	-8.57	-13.02	-4.93	1.06	15.74
MRBLD1FB180_SIN		0.00	-409.78	152.28	151.90	-51.58	-13.45	-17.15	-61.72	7.70	26.94	48.64	-8.24	-12.99	-11.14	-14.97	2.44
MRBLD1TOR51_COS		-1464.72	183.57	63.95	27.61	5.87	-16.75	16.09	-7.84	-4.64	1.70	0.09	-1.65	-1.97	0.49	3.83	2.51
MRBLD1TOR51_SIN		0.00	-117.80	164.27	84.67	19.26	13.63	-29.57	-38.26	-1.87	3.65	8.11	-1.73	-5.31	-4.56	-4.09	4.03
MRBLD1TOR71_COS		-299.39	207.57	30.38	14.19	19.26	-4.60	24.51	-6.67	-1.47	4.13	-0.45	-1.54	-0.78	0.68	2.07	1.44
MRBLD1TOR71_SIN		0.00	-113.89	135.91	42.19	-8.70	13.66	-23.28	-23.68	0.87	5.83	12.59	-1.84	-3.96	-3.27	-1.41	2.59
MRBLD1TOR130_COS		-41.99	182.61	35.42	-11.52	27.97	2.08	21.12	-1.78	0.17	0.81	6.65	-0.54	-0.17	-1.16	-2.91	-2.07
MRBLD1TOR130_SIN		0.00	-80.91	79.10	26.85	-24.54	6.65	-16.28	-24.36	-0.53	-2.91	1.71	2.12	2.52	1.77	2.86	-1.21
MRBLD1TOR164_COS		-274.52	99.47	26.64	-21.27	5.00	-5.30	5.75	-3.33	1.62	3.02	0.62	-0.50	0.64	-0.16	-0.97	-1.06
MRBLD1TOR164_SIN		0.00	-8.63	15.00	-30.77	-8.70	6.90	-7.77	-9.53	0.68	1.56	2.66	-2.47	0.31	0.31	0.13	-0.20
MRFBM1CB26P5_COS		-672.26	-1219.97	249.45	-30.78	-44.74	-0.59	11.24	1.52	0.00	-2.00	8.10	0.68	-0.48	0.15	1.86	-1.31
MRFBM1CB26P5_SIN		0.00	547.33	130.82	-72.64	-40.26	-3.79	-24.08	-8.64	-1.84	-4.48	-10.52	0.96	-0.65	-0.32	0.15	-0.18
MRFBM1FB9_COS		811.52	11.53	-213.34	-110.86	38.05	24.73	10.50	-3.41	1.60	1.77	-1.94	0.38	0.34	0.09	-1.03	0.79
MRFBM1FB9_SIN		0.00	37.23	-207.92	-185.95	-54.62	-5.74	10.63	12.30	3.26	3.08	2.82	0.33	0.22	0.17	0.17	-1.48
MRFBM1TOR26P5_COS		-85.58	96.26	3.95	-0.35	-0.24	-0.18	0.43	-0.07	-0.15	0.06	-0.16	0.06	-0.04	0.04	0.07	0.09
MRFBM1TOR26P5_SIN		0.00	-288.56	3.08	0.20	-0.54	0.33	-0.88	-0.32	0.12	0.16	0.04	0.03	-0.06	-0.03	-0.08	-0.03

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		659.25	-1502.56	425.79	-50.60	-119.83	-61.59	-65.24	-3.94	14.20	-13.15	6.77	6.62	2.70	-2.03	4.91	-3.57
MRPC1CB33P25_SIN		0.00	1275.82	16.33	47.38	145.27	-50.79	-37.95	-46.72	-0.56	-0.98	-59.65	2.30	6.30	3.36	-4.23	19.79
MRPC1FB33P25_COS		1840.38	375.19	-27.92	557.09	-152.59	-119.35	-86.90	5.44	-42.31	-37.00	43.66	0.35	-0.35	3.51	24.75	1.70
MRPC1FB33P25_SIN		0.00	-49.80	322.96	477.70	375.09	119.07	-27.99	-214.09	-63.11	-97.10	-87.27	4.18	1.15	0.47	-12.18	46.90
MRPC1TOR25P5_COS		-356.29	-94.78	-94.65	5.66	-19.01	20.71	-18.59	8.10	7.26	1.71	8.40	4.24	3.47	-1.77	-5.71	-5.87
MRPC1TOR25P5_SIN		0.00	-166.51	-167.63	-76.06	-1.29	-17.61	37.29	35.27	-1.72	-10.12	-13.01	4.66	10.52	7.01	8.51	0.89
MRPLK1LOAD_COS		-5.00	-16.35	-12.31	-0.90	-3.99	4.16	-3.77	1.58	2.15	0.25	1.57	0.27	0.63	-0.19	-1.20	-1.34
MRPLK1LOAD_SIN		0.00	-15.68	-23.46	-14.08	-0.62	-2.78	5.24	5.36	-0.33	-1.13	-1.12	-0.23	1.39	1.05	1.37	0.24
PITCHRH_COS		7094.71	-9255.70	-530.69	86.59	51.33	-126.94	-17.99	-133.94	32.32	24.14	86.69	-9.12	-3.96	6.63	-22.32	-134.24
PITCHRH_SIN		0.00	502.48	-686.02	-4.59	-39.91	779.15	58.71	81.86	60.31	-24.70	-275.17	42.27	-44.65	1.69	-25.49	77.92
ROLLRH_COS		2017.79	-467.80	761.57	-107.85	195.75	-2566.29	-81.90	61.67	68.37	155.73	193.99	-14.26	0.17	-102.15	80.50	122.12
ROLLRH_SIN		0.00	-9450.87	-469.61	143.58	325.06	718.16	-237.81	-106.34	-55.73	41.36	35.72	-6.76	-54.37	48.25	-13.76	231.62
TORQ_COS		114529.70	409.98	-2.70	77.02	35.63	-8.16	5.04	7.36	-7.00	2.46	-13.77	-3.92	2.56	-2.57	-4.39	3.65
TORQ_SIN		0.00	1315.08	-66.39	119.92	-137.22	44.72	18.04	24.68	-3.44	-6.02	45.37	2.61	-4.61	6.23	-5.05	-0.35
THRUST_COS		6185.98	-235.99	-4.30	25.32	2.93	45.80	5.83	13.39	2.12	-6.26	-4.44	-6.54	-1.41	-0.06	-3.05	-10.13
THRUST_SIN		0.00	-278.42	8.96	-0.55	25.75	-80.23	10.83	7.09	-5.70	-0.17	48.55	-1.23	2.34	-1.83	3.94	-25.78

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.57	29.25	-12.84	3.82	-34.36	67.00	8.07	-1.72	-3.02	-7.11	-5.82	0.95	-0.09	2.78	-2.48	-3.36
SIDERH_SIN		0.00	219.22	2.30	0.58	-11.92	-150.69	4.12	2.57	1.37	-0.86	-6.14	1.24	1.25	-1.45	0.05	-6.50
DRAGRH_COS		-120.60	218.28	8.86	1.66	15.92	111.96	-11.16	-1.64	0.20	-6.89	-9.63	1.02	-0.08	0.42	1.14	6.39
DRAGRH_SIN		0.00	-24.40	11.47	-1.90	5.31	190.89	-2.05	0.19	-3.60	3.21	6.67	-3.14	2.37	0.05	1.47	-3.71

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.91	-2.86	-10.41	-0.06	-1.09	-0.34	0.24	-0.31	-0.24	-0.11	0.23	0.00	0.06	0.06	-0.09	-0.02
ACT1FORCE_SIN		0.00	18.38	-2.86	-3.80	1.70	0.32	0.41	0.30	0.19	0.00	-0.17	0.03	-0.10	0.13	0.05	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		435.43	12.82	90.25	7.70	13.58	7.87	-2.31	-0.01	0.01	0.02	-0.02	0.00	0.00	0.00	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-136.45	21.26	37.42	-8.13	-4.14	-1.45	0.00	-0.02	0.01	0.02	0.00	0.00	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		370.13	-12.72	-90.45	-7.84	-13.56	-7.85	2.30	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	136.71	-21.12	-37.54	8.08	4.18	1.44	-0.01	0.01	-0.02	-0.01	0.00	0.00	0.01	0.00	-0.02
MRBLD1CB42P75_COS		-12.29	-2068.95	593.54	-144.95	-146.33	-103.12	-101.70	-7.72	12.88	-31.60	6.08	2.11	5.04	-5.21	0.70	-6.43
MRBLD1CB42P75_SIN		0.00	2235.20	61.84	136.36	266.12	-122.49	-17.42	-51.86	19.22	31.29	-95.01	-3.45	9.88	6.72	-5.82	23.97

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4966.02	-1588.09	429.40	-218.05	-92.03	-133.11	-133.55	-12.51	12.32	-22.18	-19.51	0.99	7.23	0.08	1.34	3.80
MRBLD1CB70_SIN		0.00	1693.51	-65.50	200.62	467.16	-176.24	68.26	-27.70	18.73	31.48	-53.83	-4.89	5.90	2.89	-11.44	31.65
MRBLD1CB120_COS		-100.93	-906.21	361.96	-84.86	-17.79	-104.60	-114.69	14.48	13.00	15.04	-9.60	-8.67	-0.89	3.08	5.69	-1.83
MRBLD1CB120_SIN		0.00	1122.38	-68.01	154.12	543.20	-147.39	109.77	-53.76	-29.42	-41.42	52.12	6.04	2.56	1.21	-0.43	2.20
MRBLD1CB164_COS		-1998.32	-314.18	83.41	18.45	-14.86	-59.26	-50.85	18.19	-1.51	17.31	8.59	-7.17	-5.25	-1.04	-6.66	-2.30
MRBLD1CB164_SIN		0.00	409.46	-15.67	81.42	226.54	-57.20	55.10	-7.98	-41.72	-47.71	47.73	13.33	0.97	0.67	10.99	-19.99
MRBLD1FB42P75_COS		2640.44	452.65	227.15	664.19	-88.89	-74.61	-99.62	-136.41	-75.25	-99.21	4.15	-8.89	-1.74	5.07	2.11	34.85
MRBLD1FB42P75_SIN		0.00	-498.26	462.08	432.97	425.33	159.33	-18.19	-246.34	-31.13	-63.65	-116.47	4.30	2.49	1.47	-31.41	27.76
MRBLD1FB70_COS		700.80	101.04	57.97	183.93	-35.04	-21.09	-23.43	-12.74	-1.14	-1.92	-0.64	1.51	0.91	0.38	0.38	-5.67
MRBLD1FB70_SIN		0.00	-258.65	180.34	105.73	129.52	21.12	-0.71	-34.85	4.14	6.33	2.53	2.17	1.56	0.74	6.06	-6.20
MRBLD1FB87_COS		89.92	119.54	-19.31	95.34	-24.71	-13.57	-2.30	10.60	12.07	19.26	1.28	3.56	0.95	-1.05	-0.54	-8.18
MRBLD1FB87_SIN		0.00	-324.89	125.12	55.01	51.70	2.77	-0.38	21.11	3.08	12.53	28.94	0.82	1.83	1.41	8.96	-3.06
MRBLD1FB120_COS		-299.67	138.58	-115.66	84.41	-8.09	-19.41	2.07	14.58	-6.40	-5.48	-3.64	-7.88	-4.30	0.31	0.72	12.81
MRBLD1FB120_SIN		0.00	-475.89	126.33	139.55	9.43	10.65	7.38	57.27	-2.01	-10.64	-15.72	-6.07	-6.40	-5.38	-14.13	4.57
MRBLD1FB164_COS		161.07	127.36	10.68	44.96	88.01	49.24	37.48	-7.44	0.60	9.41	2.53	5.51	1.86	-2.67	-3.63	-7.04
MRBLD1FB164_SIN		0.00	-627.67	229.88	272.52	-45.90	-32.98	-31.04	-79.30	4.03	14.71	23.07	2.11	2.78	1.37	5.70	-2.82

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		98.54	-39.37	62.25	-14.20	66.37	49.58	17.26	-11.12	3.72	27.84	3.48	-5.02	-13.91	-5.56	1.04	15.59
MRBLD1FB180_SIN		0.00	-450.56	165.74	159.90	-48.41	-13.13	-23.69	-75.73	7.84	28.84	59.55	-4.87	-13.03	-11.52	-17.14	5.09
MRBLD1TOR51_COS		-1433.82	205.45	85.68	5.82	4.36	-6.87	21.11	-14.19	-7.46	1.23	-3.13	-1.60	-2.58	1.47	4.41	2.19
MRBLD1TOR51_SIN		0.00	-103.45	197.31	88.46	13.35	18.81	-40.26	-45.34	-4.52	4.42	8.34	-0.33	-5.83	-4.81	-3.53	5.40
MRBLD1TOR71_COS		-284.91	228.90	43.69	-1.63	19.15	4.73	30.09	-11.39	-4.44	4.00	-4.52	-1.44	-1.19	1.22	2.37	0.70
MRBLD1TOR71_SIN		0.00	-112.50	162.23	44.00	-16.31	20.09	-32.67	-28.04	-1.79	6.75	13.53	-0.11	-4.33	-3.77	-1.21	3.21
MRBLD1TOR130_COS		-27.52	201.73	43.53	-21.94	27.83	9.64	25.91	-5.04	-1.07	0.81	7.06	-0.96	0.30	-1.52	-3.23	-2.52
MRBLD1TOR130_SIN		0.00	-73.48	95.44	30.36	-31.90	12.21	-23.58	-29.68	-2.36	-3.09	1.94	2.48	2.50	1.52	2.14	-2.07
MRBLD1TOR164_COS		-278.52	114.60	24.94	-23.58	3.87	-0.98	7.79	-3.73	0.49	3.57	-0.14	-0.92	1.42	-1.22	-0.85	-1.41
MRBLD1TOR164_SIN		0.00	6.87	21.68	-29.50	-14.60	9.74	-12.10	-10.97	0.16	2.00	3.67	-2.28	0.34	0.31	-1.16	-1.13
MRFBM1CB26P5_COS		-53.75	-1442.23	290.79	-41.11	-48.11	4.23	14.56	4.03	0.34	-1.87	11.87	0.67	-0.51	-0.41	2.04	-2.16
MRFBM1CB26P5_SIN		0.00	1036.75	174.38	-81.17	-61.89	-4.62	-28.43	-10.73	-1.72	-4.37	-9.64	0.83	-0.28	-0.12	0.10	-0.59
MRFBM1FB9_COS		1131.83	-110.85	-272.15	-91.33	40.15	23.04	10.92	-3.43	1.49	1.91	-2.97	0.36	0.21	0.18	-1.08	1.02
MRFBM1FB9_SIN		0.00	-132.82	-246.69	-184.92	-50.88	-3.49	12.39	14.71	3.27	3.40	2.81	0.44	0.27	-0.08	0.20	-1.37
MRFBM1TOR26P5_COS		-52.04	101.67	4.60	-0.94	-0.37	0.07	0.49	-0.25	-0.19	0.04	-0.18	0.07	-0.08	0.06	0.09	0.12
MRFBM1TOR26P5_SIN		0.00	-314.84	3.60	0.29	-0.38	0.28	-1.12	-0.33	0.14	0.17	0.02	0.00	-0.07	-0.03	-0.04	0.01

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		944.85	-1402.74	509.36	-68.80	-84.88	-75.69	-87.95	-8.16	20.11	-14.53	7.78	1.82	6.09	-2.49	5.46	-7.75
MRPC1CB33P25_SIN		0.00	1818.98	19.82	91.12	146.08	-58.58	-27.61	-51.92	1.60	-2.33	-71.34	-0.61	7.14	5.26	-6.24	21.45
MRPC1FB33P25_COS		1894.26	375.55	53.72	500.20	-157.33	-102.94	-77.08	-8.76	-35.28	-34.12	75.15	-4.81	-0.18	0.88	26.64	-6.72
MRPC1FB33P25_SIN		0.00	-228.26	386.81	472.75	345.61	100.73	-44.53	-261.31	-65.09	-100.99	-85.03	-1.39	0.81	5.51	-16.39	49.17
MRPC1TOR25P5_COS		-323.84	-110.32	-115.08	26.68	-16.85	10.86	-24.76	15.24	11.26	3.26	12.90	2.91	4.86	-3.68	-6.63	-7.58
MRPC1TOR25P5_SIN		0.00	-208.79	-199.64	-80.09	5.33	-24.13	50.09	41.65	0.49	-10.11	-12.58	2.97	10.97	7.18	6.27	-1.56
MRPLK1LOAD_COS		0.67	-18.93	-15.95	1.69	-3.46	3.21	-4.72	2.51	2.47	0.70	2.40	0.06	0.87	-0.54	-1.31	-1.76
MRPLK1LOAD_SIN		0.00	-21.40	-28.15	-14.45	1.06	-3.52	6.54	6.09	0.27	-0.89	-1.11	-0.49	1.43	1.12	0.86	-0.24
PITCHRH_COS		8953.69	-9169.64	-616.71	105.70	66.79	-180.49	-12.62	-74.55	137.23	-27.85	146.45	-12.54	5.15	10.48	-48.91	-183.03
PITCHRH_SIN		0.00	275.76	-683.02	82.31	-73.56	236.36	100.44	140.50	54.23	-15.96	-322.01	54.27	-69.37	28.71	-30.40	55.01
ROLLRH_COS		5633.20	-347.65	780.47	-118.39	252.19	-2443.17	-80.62	84.81	57.10	156.66	189.57	-14.04	12.27	-101.08	62.69	53.97
ROLLRH_SIN		0.00	-9450.77	-587.14	157.42	353.00	847.78	-189.84	-92.41	-124.66	22.90	81.24	-5.90	-55.09	50.02	-17.29	168.42
TORQ_COS		128034.98	425.93	-24.95	40.55	55.42	3.67	6.74	3.02	-4.59	2.33	-24.11	-1.56	2.93	-1.07	-4.72	6.41
TORQ_SIN		0.00	1385.69	-58.06	146.89	-152.18	40.64	11.08	37.59	-2.73	-6.32	48.11	4.13	-5.98	6.05	-4.27	0.26
THRUST_COS		6898.97	-237.29	-10.17	22.38	4.47	32.97	4.93	17.11	-1.54	-2.03	-15.33	-4.55	1.72	-3.66	-0.30	-7.85
THRUST_SIN		0.00	-294.14	12.85	6.15	27.81	-65.46	9.65	6.96	-6.51	-1.10	50.59	-0.23	-0.06	-0.25	4.23	-25.08

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.48	28.54	-16.74	1.16	-31.53	50.58	11.93	-1.58	-2.29	-7.11	-4.69	0.68	-0.38	2.78	-2.01	-1.39
SIDERH_SIN		0.00	217.15	4.60	0.79	2.13	-161.71	-0.60	3.85	2.88	0.45	-7.91	1.50	1.12	-1.51	0.01	-4.61
DRAGRH_COS		-119.46	216.75	4.51	0.76	20.34	189.57	-26.75	-1.29	-0.08	-5.17	-13.62	1.14	-1.25	-0.07	2.67	8.78
DRAGRH_SIN		0.00	-21.17	8.58	-1.65	-0.30	239.56	-3.18	-1.56	-4.11	4.70	7.98	-2.66	3.36	-0.91	1.69	-2.68

RUN	POINT	Harmonics															
57	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.83	-2.61	-9.24	-0.21	-0.65	-0.34	0.37	-0.02	-0.40	-0.10	0.08	0.01	0.08	-0.05	-0.02	-0.05
ACT1FORCE_SIN		0.00	18.46	-2.28	-3.05	1.43	0.11	0.06	0.53	0.37	-0.08	-0.11	-0.13	0.01	0.04	0.00	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		396.42	7.48	74.20	7.18	7.89	8.84	-5.19	0.00	0.01	0.01	0.00	-0.01	0.01	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-141.46	17.08	33.20	-5.57	-1.44	2.15	0.00	-0.02	-0.01	0.01	0.00	0.00	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		409.28	-7.35	-74.38	-7.33	-7.86	-8.86	5.18	0.01	-0.01	-0.01	-0.01	0.01	-0.01	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	141.76	-16.93	-33.29	5.53	1.48	-2.17	-0.01	0.02	0.01	0.00	-0.01	0.00	0.00	-0.01	0.00
MRBLD1CB42P75_COS		-848.16	-1382.47	554.33	-57.13	-66.01	-88.43	-69.05	-15.13	17.50	-23.81	-2.14	-0.34	1.15	-1.65	3.16	0.87
MRBLD1CB42P75_SIN		0.00	2000.45	40.49	138.44	169.62	-65.78	-3.92	-77.64	18.99	31.38	-85.19	10.13	12.79	7.58	1.25	26.12

RUN	POINT	Harmonics															
57	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4575.78	-1090.55	391.51	-108.24	35.85	-144.54	-79.69	-25.51	14.95	-12.59	-26.63	-1.46	2.92	1.43	0.93	14.41
MRBLD1CB70_SIN		0.00	1464.11	-84.92	199.49	241.45	-95.23	43.73	-43.08	13.07	32.36	-29.46	2.21	7.42	4.76	-4.53	31.01
MRBLD1CB120_COS		-179.37	-692.90	296.90	5.15	89.51	-136.13	-65.75	-18.73	-4.72	11.19	1.20	-3.58	1.52	2.97	3.94	-1.72
MRBLD1CB120_SIN		0.00	958.09	-117.82	153.72	291.85	-71.93	55.03	-47.34	-29.35	-40.88	47.41	-0.55	-0.55	0.21	-2.01	3.40
MRBLD1CB164_COS		-1984.03	-243.21	62.84	54.85	25.00	-71.93	-28.05	-0.71	-15.54	14.12	22.02	-1.22	-1.85	-1.72	-4.61	-9.66
MRBLD1CB164_SIN		0.00	330.74	-37.96	73.82	129.27	-33.56	19.40	-0.77	-33.96	-47.30	28.09	8.24	0.45	-0.23	7.82	-19.48
MRBLD1FB42P75_COS		2603.65	324.22	173.44	786.19	-60.91	-54.95	-110.13	-201.88	-79.91	-107.17	-23.31	9.19	1.35	4.18	6.87	43.79
MRBLD1FB42P75_SIN		0.00	-384.99	388.84	284.12	433.91	201.42	41.29	-215.90	-6.22	-63.82	-147.49	5.33	1.40	-8.63	-29.05	21.47
MRBLD1FB70_COS		612.61	108.67	56.14	224.04	-25.31	-16.70	-20.53	-23.24	-0.08	-0.78	0.45	1.45	0.95	0.03	-0.89	-7.73
MRBLD1FB70_SIN		0.00	-258.21	171.02	63.16	115.62	33.99	8.38	-32.25	6.54	6.23	3.93	2.69	2.31	2.43	5.27	-4.96
MRBLD1FB87_COS		63.35	122.35	-8.89	114.52	-21.54	-13.63	-1.08	16.43	12.76	20.80	7.61	-0.18	1.15	-0.38	-1.10	-8.98
MRBLD1FB87_SIN		0.00	-322.34	128.55	34.84	46.40	6.02	-4.13	17.30	-0.72	11.82	34.52	-0.62	1.67	3.98	8.58	-1.43
MRBLD1FB120_COS		-316.45	153.45	-94.01	103.66	-9.55	-22.02	2.44	27.39	-8.51	-8.53	-8.69	-7.03	-5.19	-0.58	1.35	14.10
MRBLD1FB120_SIN		0.00	-461.32	142.28	107.02	21.31	3.63	-2.58	54.12	-5.04	-9.25	-16.75	-4.73	-6.37	-8.88	-13.32	1.73
MRBLD1FB164_COS		45.16	134.50	17.48	85.22	80.84	53.85	32.27	-24.13	6.87	11.81	6.94	3.79	2.59	-2.86	-4.01	-7.81
MRBLD1FB164_SIN		0.00	-589.72	232.98	223.25	-41.49	-46.25	-15.90	-78.03	8.98	15.23	25.70	0.31	3.06	3.97	5.58	-2.10

RUN	POINT	Harmonics															
57	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-10.42	-15.60	57.12	15.01	57.69	54.06	20.43	-29.23	6.42	35.19	13.09	-13.61	-15.81	-6.74	1.41	17.66
MRBLD1FB180_SIN		0.00	-412.95	159.21	136.61	-47.03	-24.60	-6.21	-69.63	5.19	24.90	71.38	-8.66	-12.98	-13.16	-17.29	2.47
MRBLD1TOR51_COS		-1491.52	183.44	80.51	30.06	4.32	-20.07	12.44	-27.86	-6.03	2.18	-1.91	-2.65	-2.04	0.87	4.99	2.86
MRBLD1TOR51_SIN		0.00	-132.42	163.92	77.71	7.75	12.55	-24.39	-41.48	3.79	0.96	10.96	-2.03	-6.02	-5.63	-4.71	4.78
MRBLD1TOR71_COS		-315.05	199.39	44.13	11.75	13.53	-6.83	21.18	-21.50	-2.88	5.09	-3.34	-3.08	-1.11	1.12	3.07	1.59
MRBLD1TOR71_SIN		0.00	-133.85	137.99	38.66	-16.51	10.16	-20.12	-24.04	6.13	3.81	16.12	-2.17	-4.60	-3.78	-1.65	3.31
MRBLD1TOR130_COS		-54.48	175.33	44.51	-16.13	21.79	0.64	17.37	-15.40	-0.75	1.77	7.20	-1.80	-0.56	-0.76	-3.12	-2.29
MRBLD1TOR130_SIN		0.00	-98.68	81.78	28.15	-29.38	3.80	-14.34	-26.19	4.35	-4.44	0.12	3.48	3.15	2.79	3.69	-0.98
MRBLD1TOR164_COS		-272.93	93.46	30.41	-28.88	2.28	-5.49	2.53	-9.41	1.75	4.50	-0.81	-1.13	0.29	0.33	-1.62	-0.57
MRBLD1TOR164_SIN		0.00	-20.70	13.67	-21.90	-14.42	8.33	-6.44	-9.41	1.73	1.37	3.51	-1.96	0.50	1.00	0.62	-0.52
MRFBM1CB26P5_COS		-997.32	-872.78	247.52	-48.24	-41.17	11.68	4.28	5.18	1.09	-2.29	11.61	1.38	0.02	0.24	2.34	-2.38
MRFBM1CB26P5_SIN		0.00	915.41	121.98	-47.72	-21.31	-7.32	-17.04	-12.31	-0.40	-5.19	-16.24	1.69	-0.14	-0.57	-0.13	0.02
MRFBM1FB9_COS		667.34	-210.58	-226.22	-136.27	32.19	24.78	10.59	0.27	2.44	1.72	-3.05	0.38	0.24	-0.13	-1.03	0.68
MRFBM1FB9_SIN		0.00	-183.19	-209.36	-157.23	-49.98	-8.84	7.60	15.88	2.62	3.06	3.30	0.02	0.03	0.00	-0.07	-1.90
MRFBM1TOR26P5_COS		-106.61	71.81	3.23	-0.41	-0.09	-0.31	0.48	-0.11	-0.11	-0.01	-0.11	0.15	-0.01	0.01	0.07	0.08
MRFBM1TOR26P5_SIN		0.00	-259.82	2.41	0.65	-0.67	0.14	-0.74	-0.23	-0.01	0.14	0.11	-0.02	-0.08	-0.07	-0.14	-0.04

RUN	POINT	Harmonics															
57	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		509.77	-980.38	491.26	-10.06	-70.48	-49.44	-62.25	-19.07	14.81	-14.74	6.95	3.89	2.96	0.32	6.42	-0.98
MRPC1CB33P25_SIN		0.00	1713.10	18.48	86.86	129.40	-23.39	-11.77	-75.44	0.08	-3.15	-75.44	8.14	7.90	5.43	-1.50	23.39
MRPC1FB33P25_COS		1773.99	267.95	18.75	623.05	-133.25	-100.76	-105.37	-71.29	-50.70	-40.12	72.17	7.19	1.85	8.62	28.17	5.61
MRPC1FB33P25_SIN		0.00	-132.51	309.92	369.67	349.51	142.95	-1.79	-262.56	-50.39	-105.99	-123.33	10.54	2.32	-0.98	-10.60	52.98
MRPC1TOR25P5_COS		-373.34	-119.49	-109.24	7.30	-12.56	25.28	-14.88	26.76	8.12	2.61	10.75	3.47	3.10	-0.91	-6.40	-5.31
MRPC1TOR25P5_SIN		0.00	-98.64	-169.18	-73.41	8.24	-15.27	33.74	36.10	-6.55	-7.48	-18.93	6.44	11.90	9.74	10.36	1.07
MRPLK1LOAD_COS		-0.68	-18.33	-14.42	-0.67	-3.21	4.54	-3.30	4.22	2.17	0.64	1.67	-0.41	0.42	0.08	-1.34	-1.19
MRPLK1LOAD_SIN		0.00	-5.65	-23.43	-13.81	0.85	-2.18	4.63	5.34	-0.58	-0.89	-2.01	0.19	1.66	1.64	1.80	0.29
PITCHRH_COS		9156.38	-9505.68	725.07	28.62	0.08	-369.24	6.90	-107.64	-13.65	-39.29	45.41	31.14	40.32	25.88	-26.09	-178.24
PITCHRH_SIN		0.00	1942.21	-421.80	-74.26	-54.67	1006.66	73.47	15.99	137.29	-85.46	-276.25	21.39	-6.46	15.82	-16.75	130.38
ROLLRH_COS		6143.19	-1908.14	481.09	-6.60	-150.23	-2215.43	-44.76	58.22	-41.63	137.98	227.86	-16.29	8.87	-77.92	44.47	116.19
ROLLRH_SIN		0.00	-9495.03	871.71	119.15	134.27	768.37	-97.15	-137.10	-140.37	5.04	-40.28	1.32	-22.55	-5.59	-4.47	204.06
TORQ_COS		105219.23	510.24	35.29	144.37	22.93	-36.01	11.59	-22.13	-13.62	-0.49	-21.79	-3.57	2.57	-1.16	-4.44	6.93
TORQ_SIN		0.00	831.93	-98.48	46.08	-47.94	37.15	14.69	47.55	-11.43	-2.57	70.29	3.47	-5.54	6.65	-4.53	-1.23
THRUST_COS		5776.06	-137.34	23.57	22.36	-1.27	46.80	4.02	10.52	5.01	-5.65	-10.61	-7.38	-2.72	0.16	-2.95	-12.14
THRUST_SIN		0.00	-87.98	18.14	-19.47	17.45	-85.07	7.81	22.65	0.61	-0.38	61.59	3.93	-2.89	3.26	2.53	-23.72

RUN	POINT	Harmonics															
57	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-128.63	60.19	-21.00	3.71	28.04	66.40	3.39	-0.65	-1.47	-4.79	-8.07	0.38	-0.08	2.30	-1.53	-3.15
SIDERH_SIN		0.00	240.21	-26.24	0.47	-25.84	-126.89	-2.88	2.77	3.36	0.92	-4.33	0.14	0.73	0.19	-0.29	-5.78
DRAGRH_COS		-61.30	244.06	1.02	-0.07	3.94	64.42	-19.45	-3.47	-1.69	-0.01	-8.35	-0.90	-1.15	-0.56	1.53	8.47
DRAGRH_SIN		0.00	-53.52	31.81	2.31	3.45	103.68	2.02	-0.56	-6.18	7.41	9.94	-0.15	1.59	-0.96	1.78	-6.58

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.97	-1.89	-8.24	-0.87	-0.56	-0.15	0.27	0.11	-0.33	-0.04	0.05	-0.03	0.07	-0.04	-0.02	-0.07
ACT1FORCE_SIN		0.00	17.40	-1.47	-2.50	1.50	0.31	0.01	0.56	0.35	-0.06	-0.12	-0.07	0.01	0.05	0.02	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.12	5.08	71.23	15.01	10.28	2.53	-4.63	0.00	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-134.48	9.07	26.97	-11.86	-6.79	2.73	0.02	-0.02	0.00	0.01	0.01	0.00	-0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.57	-4.93	-71.40	-15.17	-10.26	-2.51	4.62	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	134.76	-8.91	-27.03	11.85	6.82	-2.76	-0.03	0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-972.63	-1416.68	508.47	-32.97	-69.68	-104.85	-71.39	-23.49	29.72	-16.98	-19.10	7.74	4.82	-0.49	1.63	9.83
MRBLD1CB42P75_SIN		0.00	1689.98	-11.47	153.29	198.33	-47.23	3.07	-88.96	16.68	36.72	-90.85	10.93	10.83	6.01	-0.71	19.08

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4483.19	-1084.45	361.56	-97.86	53.35	-171.73	-70.90	-22.41	24.99	-4.86	-31.20	3.21	5.95	-0.02	-3.79	22.00
MRBLD1CB70_SIN		0.00	1255.46	-124.35	229.81	253.63	-82.62	62.08	-51.54	11.23	36.72	-27.78	2.08	5.78	2.10	-4.00	18.22
MRBLD1CB120_COS		-207.48	-663.12	273.77	8.96	133.65	-170.00	-58.31	-13.97	-16.08	-1.52	11.02	-5.06	1.46	3.34	2.19	0.15
MRBLD1CB120_SIN		0.00	866.32	-145.25	186.42	305.08	-69.41	82.90	-56.28	-31.88	-44.10	48.87	-0.83	-1.22	-1.86	-3.66	2.74
MRBLD1CB164_COS		-1983.87	-228.34	57.61	58.03	49.32	-86.95	-27.62	1.86	-28.77	0.18	27.65	-0.24	-1.97	1.29	1.66	-13.71
MRBLD1CB164_SIN		0.00	309.10	-46.29	88.24	138.03	-33.49	32.47	-0.94	-35.37	-53.00	24.72	5.60	-0.58	0.53	7.96	-10.66
MRBLD1FB42P75_COS		2510.06	335.86	126.39	857.24	35.09	-31.24	-104.58	-221.99	-87.51	-128.86	-56.77	10.29	-1.47	-0.51	-9.66	39.53
MRBLD1FB42P75_SIN		0.00	-300.68	360.09	265.99	501.59	201.80	62.65	-223.84	13.74	-30.47	-140.43	4.03	0.40	-9.34	-30.76	-1.48
MRBLD1FB70_COS		596.26	93.34	44.17	245.70	0.62	-12.15	-18.73	-24.84	1.62	1.26	1.71	2.36	1.67	1.16	1.68	-7.52
MRBLD1FB70_SIN		0.00	-247.26	154.36	62.72	135.85	33.10	10.92	-36.85	4.96	5.36	2.44	1.31	1.56	1.66	5.51	-0.58
MRBLD1FB87_COS		53.53	105.99	-11.74	126.26	-11.40	-11.82	-1.71	18.00	12.93	24.62	15.12	-1.05	2.04	1.36	3.21	-6.99
MRBLD1FB87_SIN		0.00	-308.79	119.35	38.36	55.12	7.06	-3.74	18.56	-4.26	5.20	32.48	-1.00	1.09	3.38	8.38	2.51
MRBLD1FB120_COS		-315.87	131.29	-90.50	117.75	-10.18	-18.97	2.37	32.71	-8.86	-10.63	-12.18	-7.96	-6.90	-4.39	-5.68	10.90
MRBLD1FB120_SIN		0.00	-443.21	140.17	112.43	16.02	6.08	-3.23	60.88	-1.77	-5.69	-12.61	-0.94	-3.87	-7.03	-13.01	-4.27
MRBLD1FB164_COS		17.39	108.66	14.65	108.66	59.83	46.55	25.79	-34.20	6.57	13.86	11.57	3.23	3.46	-0.69	-0.98	-6.38
MRBLD1FB164_SIN		0.00	-565.41	224.39	232.07	-75.13	-46.51	-18.49	-91.82	4.59	9.78	21.57	-2.02	2.02	4.96	6.98	1.52

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-21.71	-31.45	55.12	27.44	42.01	49.84	17.04	-38.56	6.09	39.35	27.28	-18.79	-19.48	-11.59	-6.27	13.75
MRBLD1FB180_SIN		0.00	-394.75	151.88	141.27	-67.85	-28.58	-6.68	-79.60	-0.45	12.05	66.50	-4.17	-6.70	-8.94	-17.39	-5.35
MRBLD1TOR51_COS		-1502.60	175.59	73.09	47.64	12.79	-20.79	9.24	-33.39	-6.40	2.35	0.08	-3.44	-4.13	-1.97	2.91	3.58
MRBLD1TOR51_SIN		0.00	-132.37	150.27	77.18	15.37	13.81	-26.21	-45.15	2.21	-1.31	10.42	-1.22	-4.57	-5.51	-6.64	2.75
MRBLD1TOR71_COS		-314.11	192.11	39.31	23.22	18.16	-7.27	19.02	-25.30	-2.27	6.18	0.09	-3.92	-2.46	-0.91	2.48	2.35
MRBLD1TOR71_SIN		0.00	-129.79	127.55	37.60	-13.44	9.65	-23.81	-26.65	3.90	0.93	16.07	-1.00	-3.27	-3.92	-2.73	2.02
MRBLD1TOR130_COS		-48.08	169.50	40.66	-8.84	22.67	-0.89	16.28	-19.10	-0.59	-0.28	7.58	-0.39	1.08	0.45	-1.42	-1.99
MRBLD1TOR130_SIN		0.00	-97.31	74.77	26.01	-30.54	3.13	-17.89	-29.20	2.74	-6.03	-2.82	4.37	3.28	2.55	4.95	-0.09
MRBLD1TOR164_COS		-268.36	91.03	29.64	-28.98	3.84	-5.15	2.53	-11.42	1.86	4.08	-0.32	-2.25	0.95	0.46	-1.57	-0.43
MRBLD1TOR164_SIN		0.00	-22.91	10.64	-24.69	-9.62	7.72	-7.35	-9.45	0.77	-0.05	3.24	-1.40	0.37	0.65	1.19	-0.80
MRFBM1CB26P5_COS		-1065.57	-846.48	234.34	-45.73	-50.69	10.26	0.94	0.99	1.09	-4.11	7.35	1.45	-0.33	0.25	2.47	-1.61
MRFBM1CB26P5_SIN		0.00	733.70	89.87	-51.71	-18.61	-3.51	-20.46	-13.74	0.31	-4.90	-18.31	1.56	-0.38	-0.36	-1.26	0.67
MRFBM1FB9_COS		582.44	-113.38	-200.71	-157.91	24.20	22.91	12.84	0.86	3.12	2.70	-2.29	0.57	0.36	-0.02	-0.89	0.08
MRFBM1FB9_SIN		0.00	-51.43	-179.17	-160.01	-63.16	-11.54	6.00	17.01	2.29	2.73	4.04	-0.11	0.18	0.16	0.49	-1.86
MRFBM1TOR26P5_COS		-113.26	68.60	3.50	-0.18	-0.08	-0.28	0.30	-0.11	-0.11	0.07	-0.09	0.13	-0.07	-0.01	0.01	0.04
MRFBM1TOR26P5_SIN		0.00	-266.51	2.14	0.52	-0.67	0.19	-0.85	-0.24	0.04	0.16	0.16	-0.10	-0.08	-0.05	-0.15	-0.05

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		397.03	-1057.09	432.19	4.37	-78.24	-55.98	-68.26	-28.95	19.59	-16.99	-10.21	8.43	4.46	1.36	3.65	7.89
MRPC1CB33P25_SIN		0.00	1467.68	-18.86	79.11	151.92	-13.57	-6.21	-79.95	-2.05	1.44	-78.39	7.32	5.83	3.59	-4.35	17.74
MRPC1FB33P25_COS		1750.24	279.54	-19.56	688.75	-70.06	-84.06	-109.21	-89.78	-69.87	-77.03	42.31	8.92	1.39	6.15	21.13	24.94
MRPC1FB33P25_SIN		0.00	-56.02	290.99	365.84	430.20	152.24	19.16	-278.25	-39.87	-94.33	-140.48	9.56	-1.33	-4.40	-24.56	36.95
MRPC1TOR25P5_COS		-405.41	-116.49	-104.61	-9.05	-20.51	24.98	-11.31	32.15	7.64	-1.31	7.07	6.06	7.94	3.22	-2.03	-2.88
MRPC1TOR25P5_SIN		0.00	-113.02	-153.70	-73.53	4.78	-15.82	34.57	38.82	-4.86	-6.21	-22.22	5.37	9.69	8.65	12.94	2.10
MRPLK1LOAD_COS		-5.74	-18.24	-13.75	-3.43	-4.45	4.61	-2.66	4.84	2.18	0.14	1.32	-0.15	1.22	0.61	-0.52	-0.71
MRPLK1LOAD_SIN		0.00	-8.26	-21.59	-13.24	0.29	-2.81	5.17	5.66	-0.76	-0.80	-2.63	0.38	1.46	1.27	2.32	0.59
PITCHRH_COS		7588.59	-8895.78	813.04	8.48	-29.94	38.74	48.61	-133.25	60.35	-29.48	-44.15	23.79	-4.05	3.31	-24.49	-76.84
PITCHRH_SIN		0.00	1882.54	-440.97	-129.99	-83.92	1103.82	83.30	26.67	91.63	-95.30	-281.59	33.60	-43.97	16.24	-5.71	146.74
ROLLRH_COS		3383.53	-1918.27	428.61	6.09	-99.88	-2285.13	-89.73	-8.86	81.80	154.69	199.25	-9.56	-16.98	-56.35	34.88	195.91
ROLLRH_SIN		0.00	-8973.06	907.39	79.67	42.22	1302.20	-157.78	-122.54	-70.28	-14.60	-93.97	14.18	-32.00	67.72	-33.19	157.55
TORQ_COS		103974.80	396.12	53.54	160.22	-6.18	-38.46	11.61	-1.24	-19.65	-1.04	-4.52	-2.26	0.46	0.72	-6.88	3.71
TORQ_SIN		0.00	799.98	-92.48	-14.75	-39.35	14.03	12.60	51.65	-8.67	-3.66	69.18	3.38	-5.55	5.92	-1.86	-1.99
THRUST_COS		5648.63	-90.34	24.33	16.96	7.23	29.94	7.63	17.87	3.40	-5.90	7.25	-7.47	-1.06	2.83	0.46	-22.43
THRUST_SIN		0.00	-69.64	19.33	-26.18	17.30	-94.21	7.65	17.97	-2.58	2.05	61.21	6.17	1.93	1.11	3.81	-15.23

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-132.65	56.89	-14.00	3.79	20.33	39.64	8.19	0.74	-3.72	-5.33	-8.68	0.29	0.66	1.20	-1.21	-5.26
SIDERH_SIN		0.00	230.68	-22.62	-0.31	-12.78	-150.14	-0.99	2.98	2.41	1.08	-2.02	0.13	0.80	-1.72	0.80	-4.67
DRAGRH_COS		-74.36	238.81	-0.65	-0.97	4.13	101.72	-22.74	-3.09	-2.26	-0.09	-5.78	-1.14	0.68	0.04	1.45	3.69
DRAGRH_SIN		0.00	-52.86	33.95	4.75	8.10	126.01	-0.30	-1.55	-3.97	8.20	10.53	-1.96	1.91	-1.80	0.99	-7.27

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.30	-2.86	-8.85	-0.72	-0.88	-0.21	0.18	-0.11	-0.39	-0.07	0.05	-0.02	0.02	-0.06	-0.02	-0.04
ACT1FORCE_SIN		0.00	17.43	-1.74	-2.34	1.29	0.43	0.03	0.44	0.14	-0.11	-0.12	-0.08	0.01	0.03	0.00	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.11	15.27	77.43	8.83	10.30	2.02	-2.30	-0.02	0.01	0.02	0.01	0.01	-0.01	0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-131.64	4.57	22.69	-10.74	-6.09	2.36	0.01	-0.02	-0.02	0.01	0.01	-0.02	0.00	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.57	-15.16	-77.60	-8.97	-10.28	-2.00	2.28	0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	131.91	-4.40	-22.75	10.73	6.11	-2.37	-0.03	0.01	0.01	-0.01	-0.01	0.01	0.00	-0.01	0.00
MRBLD1CB42P75_COS		-875.99	-1718.61	489.88	-70.77	-90.99	-91.99	-74.65	7.82	20.40	-24.22	10.94	6.32	-3.88	-3.45	-0.10	-0.75
MRBLD1CB42P75_SIN		0.00	1513.73	10.35	150.29	187.59	-81.43	-15.94	-73.03	29.23	27.81	-95.09	11.25	13.22	5.47	-7.46	22.20

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4545.23	-1289.07	356.59	-139.65	26.94	-145.93	-79.60	-3.28	19.27	-13.60	-20.93	4.65	0.45	0.40	-1.05	9.18
MRBLD1CB70_SIN		0.00	1133.17	-101.55	220.54	266.74	-139.80	42.54	-39.96	23.32	33.32	-40.26	2.90	7.58	1.98	-10.66	27.91
MRBLD1CB120_COS		-183.70	-755.74	278.26	-18.04	96.72	-137.72	-60.75	3.68	0.04	13.81	-4.90	-5.12	3.37	3.79	5.34	-0.58
MRBLD1CB120_SIN		0.00	807.37	-120.52	181.35	318.28	-124.60	70.24	-50.50	-30.24	-36.47	52.60	0.02	0.37	0.95	-0.98	3.00
MRBLD1CB164_COS		-1982.84	-252.98	59.56	45.74	30.46	-72.12	-25.25	1.41	-12.70	15.17	18.87	-3.77	0.86	0.32	-3.38	-5.63
MRBLD1CB164_SIN		0.00	296.16	-38.57	89.05	139.26	-54.78	30.71	-3.70	-41.76	-47.41	38.85	6.99	0.57	2.22	11.36	-17.25
MRBLD1FB42P75_COS		2509.89	401.73	116.66	827.03	-58.03	-63.76	-113.66	-124.35	-80.01	-104.01	-4.22	8.51	-2.37	0.17	-7.35	36.17
MRBLD1FB42P75_SIN		0.00	-277.63	368.70	341.91	428.31	200.09	33.36	-246.47	-9.56	-66.26	-150.52	7.76	5.32	-6.55	-38.00	17.04
MRBLD1FB70_COS		602.61	96.54	35.15	235.08	-25.83	-18.68	-21.12	-9.15	1.18	0.40	1.12	2.13	1.74	1.09	1.91	-6.33
MRBLD1FB70_SIN		0.00	-243.46	153.97	85.11	114.82	31.35	6.57	-37.04	5.90	5.54	3.08	1.79	1.63	2.07	7.44	-3.94
MRBLD1FB87_COS		55.21	113.76	-18.36	119.61	-23.75	-13.40	-1.03	9.96	12.97	20.55	3.27	-0.60	1.82	0.71	2.13	-7.32
MRBLD1FB87_SIN		0.00	-302.56	115.67	50.67	44.82	5.17	-3.32	20.54	-0.41	12.69	35.95	-0.96	0.49	3.28	10.40	-0.72
MRBLD1FB120_COS		-315.58	143.15	-95.96	105.76	-12.59	-20.19	1.51	7.45	-10.31	-9.12	-7.56	-7.34	-5.45	-2.09	-3.46	11.61
MRBLD1FB120_SIN		0.00	-435.97	130.22	127.20	19.72	4.98	-1.55	61.07	-5.48	-8.91	-16.30	-3.64	-4.97	-7.79	-16.63	0.70
MRBLD1FB164_COS		27.57	127.44	5.53	92.37	87.61	56.23	32.49	1.29	8.47	10.95	4.23	3.48	2.11	-2.06	-1.97	-6.97
MRBLD1FB164_SIN		0.00	-557.53	215.58	243.91	-37.17	-40.08	-13.63	-87.00	9.35	15.32	26.21	0.90	2.31	3.84	7.65	-1.00

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-11.72	-19.79	46.73	16.82	63.19	54.19	18.72	-5.88	9.47	32.68	4.69	-16.06	-14.68	-7.96	-3.68	14.46
MRBLD1FB180_SIN		0.00	-392.99	149.91	143.03	-42.04	-21.16	-4.35	-77.79	7.09	27.06	75.26	-7.01	-13.42	-12.39	-21.34	0.57
MRBLD1TOR51_COS		-1498.49	176.63	64.98	41.47	10.46	-21.95	15.28	-15.59	-5.99	2.38	-4.09	-3.27	-2.12	0.02	4.66	1.68
MRBLD1TOR51_SIN		0.00	-126.57	154.67	82.07	12.34	11.70	-21.00	-46.53	1.99	1.03	10.22	-1.97	-5.48	-5.69	-5.93	4.14
MRBLD1TOR71_COS		-312.26	196.54	32.45	21.28	19.61	-8.47	24.11	-13.86	-2.60	5.38	-5.71	-3.69	-0.96	0.70	2.98	1.28
MRBLD1TOR71_SIN		0.00	-121.57	129.67	40.23	-12.59	10.16	-16.63	-29.30	4.08	3.77	15.19	-2.08	-3.90	-3.83	-2.42	2.76
MRBLD1TOR130_COS		-45.87	173.13	37.53	-9.38	27.03	-0.74	20.68	-7.60	-0.72	2.63	8.25	-1.79	-0.71	-0.18	-3.27	-1.43
MRBLD1TOR130_SIN		0.00	-89.55	76.87	25.44	-25.51	4.10	-12.18	-30.41	3.11	-5.19	-0.36	3.76	3.50	2.80	3.77	-1.09
MRBLD1TOR164_COS		-268.66	91.91	27.77	-26.14	3.94	-6.84	3.84	-6.98	1.66	4.31	-1.19	-1.52	0.27	0.45	-1.49	0.07
MRBLD1TOR164_SIN		0.00	-18.43	13.25	-27.73	-13.04	7.28	-6.29	-11.66	1.31	1.32	2.99	-1.84	0.81	0.82	-0.14	-0.87
MRFBM1CB26P5_COS		-939.22	-1031.29	232.60	-44.27	-48.64	11.37	3.87	5.13	-0.10	-2.10	12.94	0.64	-0.23	0.06	2.46	-1.34
MRFBM1CB26P5_SIN		0.00	619.85	104.70	-57.39	-23.51	0.22	-20.10	-11.91	0.54	-6.22	-14.40	1.57	-0.29	-0.39	-0.91	-0.32
MRFBM1FB9_COS		616.74	-7.73	-202.21	-141.88	32.45	25.27	11.41	-3.67	2.06	1.59	-3.70	0.34	0.45	-0.02	-1.25	0.99
MRFBM1FB9_SIN		0.00	-20.69	-191.18	-174.29	-51.29	-7.48	8.30	14.55	2.74	3.18	3.03	0.02	0.17	0.22	0.50	-1.53
MRFBM1TOR26P5_COS		-105.88	81.67	3.75	-0.18	-0.01	-0.29	0.39	-0.01	-0.11	-0.05	-0.16	0.14	0.00	-0.01	0.07	0.04
MRFBM1TOR26P5_SIN		0.00	-270.00	2.35	0.44	-0.58	0.16	-0.74	-0.20	0.02	0.17	0.14	-0.04	-0.09	-0.07	-0.09	-0.03

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		471.33	-1291.38	406.29	-23.65	-96.03	-50.26	-68.35	0.00	17.71	-13.91	14.56	6.74	-0.98	-1.65	3.42	-1.11
MRPC1CB33P25_SIN		0.00	1334.88	-3.75	79.03	135.00	-30.01	-23.08	-70.34	6.27	-4.11	-78.21	8.81	8.30	3.91	-8.40	19.99
MRPC1FB33P25_COS		1745.28	328.80	-26.66	648.69	-131.22	-108.29	-106.87	0.17	-51.13	-38.12	88.18	4.89	-2.36	4.63	28.19	5.26
MRPC1FB33P25_SIN		0.00	-35.20	294.41	426.38	349.92	140.22	-9.19	-257.35	-53.22	-108.02	-115.97	11.60	2.18	-2.69	-27.31	44.97
MRPC1TOR25P5_COS		-398.04	-105.24	-95.41	-4.20	-20.01	26.40	-18.71	16.50	8.19	2.46	15.46	4.51	2.89	0.63	-6.10	-2.74
MRPC1TOR25P5_SIN		0.00	-128.14	-159.71	-74.51	4.22	-14.66	28.48	40.83	-4.44	-7.99	-19.20	6.31	11.76	9.21	10.06	0.74
MRPLK1LOAD_COS		-4.48	-17.27	-12.47	-2.48	-4.31	4.96	-3.67	2.53	2.21	0.73	2.35	-0.13	0.30	0.34	-1.26	-0.78
MRPLK1LOAD_SIN		0.00	-10.48	-22.25	-13.58	0.12	-2.37	4.05	5.97	-0.41	-0.91	-2.22	0.24	1.72	1.47	1.69	0.20
PITCHRH_COS		5482.84	-8911.40	919.45	17.92	-48.02	-292.12	13.02	-105.60	53.11	30.56	49.95	7.24	30.58	20.03	-16.11	-126.91
PITCHRH_SIN		0.00	1629.77	-336.35	-127.26	-84.60	972.21	151.86	14.66	163.04	-58.78	-291.37	64.05	-18.45	-11.16	-13.32	35.68
ROLLRH_COS		2656.44	-1700.31	367.38	-8.02	-68.83	-2270.40	-39.52	26.76	39.91	125.93	218.74	-19.19	-5.54	-91.50	49.32	174.28
ROLLRH_SIN		0.00	-9036.96	1003.47	113.34	11.42	861.72	-231.36	-112.51	21.82	34.50	-4.60	23.59	-13.26	35.25	-3.55	143.16
TORQ_COS		106449.48	366.11	64.10	176.63	2.35	-38.14	9.64	-18.02	-9.12	0.42	-24.04	-3.80	0.89	-2.34	-4.44	3.40
TORQ_SIN		0.00	818.58	-80.05	4.08	-38.09	20.14	16.21	40.13	-15.45	-2.80	62.29	2.72	-5.75	4.95	-4.34	-0.62
THRUST_COS		5695.20	-93.91	23.44	24.79	4.69	48.36	5.27	10.37	1.60	-3.59	-13.61	-7.97	-0.63	2.25	-0.10	-13.34
THRUST_SIN		0.00	-62.08	23.81	-23.21	19.70	-90.69	11.44	19.30	-4.93	0.60	57.47	-0.06	2.33	1.78	3.07	-24.34

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.56	48.51	-10.60	-0.73	17.46	51.85	7.22	-0.55	-2.38	-4.21	-6.80	0.76	0.14	2.22	-1.40	-4.76
SIDERH_SIN		0.00	235.59	-25.73	-3.98	-5.66	-129.93	2.58	3.03	-1.06	-1.17	-5.59	-0.63	0.12	-0.98	-0.14	-3.84
DRAGRH_COS		-90.84	240.34	-4.17	-1.40	6.91	99.17	-12.20	-0.36	-2.75	-6.21	-8.22	-1.17	-2.16	-0.14	0.53	6.64
DRAGRH_SIN		0.00	-44.25	33.16	1.36	5.46	117.22	-0.34	-2.05	-3.69	4.25	10.09	-2.53	2.26	-0.14	1.29	-2.18

RUN	POINT	Harmonics															
63	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.28	-2.28	-8.13	-0.81	-0.79	-0.32	0.36	0.00	-0.33	-0.02	0.01	0.01	0.04	-0.08	0.01	-0.17
ACT1FORCE_SIN		0.00	18.84	-1.53	-2.13	1.16	-0.01	-0.22	0.52	0.31	0.03	-0.10	-0.10	0.07	0.05	0.13	0.00
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.64	5.10	68.74	8.00	8.45	6.33	-4.78	0.01	0.02	0.00	0.00	0.00	-0.01	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-146.32	10.77	28.18	-4.12	3.28	4.51	-0.01	-0.02	0.01	0.01	0.01	-0.01	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.13	-4.95	-68.88	-8.13	-8.44	-6.36	4.76	0.01	-0.01	-0.01	0.00	0.00	0.01	-0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	146.61	-10.61	-28.26	4.10	-3.26	-4.55	-0.01	0.02	0.00	0.00	-0.01	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS		-855.50	-1559.47	477.46	-39.61	-67.09	-85.10	-72.31	-17.95	17.63	-21.00	-18.14	21.91	-0.30	0.80	-1.42	11.81
MRBLD1CB42P75_SIN		0.00	1323.78	35.93	103.91	228.18	-61.94	2.51	-79.60	15.27	31.06	-89.56	3.80	12.91	9.78	1.38	24.56

RUN	POINT	Harmonics															
63	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4349.37	-1159.60	346.86	-105.80	39.04	-118.39	-69.43	-19.60	17.90	-7.54	-29.45	13.48	1.34	1.31	-4.64	23.72
MRBLD1CB70_SIN		0.00	999.01	-93.90	173.66	320.99	-98.04	64.63	-44.72	11.82	32.12	-32.33	-3.57	6.30	3.91	-1.24	27.19
MRBLD1CB120_COS		-280.40	-693.20	269.23	5.40	99.88	-99.74	-50.01	-6.98	-4.90	4.92	12.21	-12.42	3.96	3.18	3.62	-1.72
MRBLD1CB120_SIN		0.00	748.31	-129.45	138.48	356.42	-73.88	87.44	-50.61	-29.53	-37.79	51.26	5.12	-1.64	-0.95	-3.10	3.17
MRBLD1CB164_COS		-1980.99	-234.83	61.01	55.01	27.51	-54.95	-22.17	3.63	-16.71	6.36	25.09	-8.77	0.69	-0.63	1.29	-13.42
MRBLD1CB164_SIN		0.00	276.71	-42.98	72.01	152.32	-31.40	35.62	-3.24	-33.05	-45.22	31.90	11.27	0.81	0.87	6.62	-16.76
MRBLD1FB42P75_COS		2362.54	371.57	89.61	812.91	0.81	-46.07	-109.98	-185.09	-82.82	-117.47	-43.21	20.28	1.47	5.62	-7.26	46.24
MRBLD1FB42P75_SIN		0.00	-236.24	359.04	258.94	391.44	199.47	54.49	-210.80	-8.64	-36.90	-122.64	1.58	5.41	-7.14	-22.71	5.15
MRBLD1FB70_COS		596.90	96.40	35.83	231.85	-7.41	-14.33	-20.42	-20.16	0.11	-0.01	1.03	1.63	0.90	-0.32	1.00	-8.95
MRBLD1FB70_SIN		0.00	-250.40	158.58	59.90	110.36	34.65	11.23	-32.00	4.74	6.32	2.98	1.99	1.73	1.79	3.98	-2.06
MRBLD1FB87_COS		69.72	111.02	-16.00	116.73	-16.18	-13.68	-1.98	15.07	13.38	23.50	13.57	-2.44	2.09	0.48	3.38	-7.93
MRBLD1FB87_SIN		0.00	-307.63	121.53	38.55	44.65	8.58	-4.11	17.92	-1.41	6.82	28.82	0.72	-0.15	2.98	6.46	1.53
MRBLD1FB120_COS		-304.37	145.33	-93.63	106.96	-11.00	-21.08	2.16	22.86	-7.95	-10.64	-12.11	-7.80	-6.69	-3.01	-5.51	12.71
MRBLD1FB120_SIN		0.00	-442.16	139.79	115.12	20.96	6.86	-4.83	54.32	-2.18	-7.18	-12.95	-3.33	-3.65	-6.98	-10.72	-3.14
MRBLD1FB164_COS		9.38	133.35	-3.15	99.66	70.78	59.85	33.38	-18.38	5.99	13.25	12.45	2.59	3.25	-2.26	-0.86	-6.78
MRBLD1FB164_SIN		0.00	-574.77	226.32	217.96	-37.90	-51.54	-17.65	-80.40	5.14	12.99	20.34	0.76	1.78	4.24	5.22	1.71

RUN	POINT	Harmonics															
63	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-62.17	-9.68	40.58	26.54	51.19	58.07	21.45	-24.30	6.64	38.49	25.71	-20.92	-17.54	-10.82	-6.36	15.69
MRBLD1FB180_SIN		0.00	-405.11	153.22	128.65	-42.69	-31.19	-5.02	-70.66	1.54	17.96	59.48	-2.78	-10.77	-9.10	-14.20	-3.53
MRBLD1TOR51_COS		-1517.78	170.13	70.52	42.97	10.91	-15.64	6.37	-27.44	-5.19	3.03	0.95	-4.43	-3.14	-1.27	2.40	3.99
MRBLD1TOR51_SIN		0.00	-167.78	147.59	70.32	13.06	11.73	-26.48	-38.29	2.83	1.10	10.24	-1.94	-5.23	-5.78	-5.95	3.25
MRBLD1TOR71_COS		-349.37	189.41	39.69	21.86	16.70	-3.91	16.10	-21.51	-1.63	6.15	0.81	-5.79	-1.74	-0.87	2.21	2.22
MRBLD1TOR71_SIN		0.00	-158.31	124.84	34.36	-12.29	9.04	-23.43	-21.51	5.48	3.59	15.11	-1.64	-4.31	-3.96	-2.62	2.26
MRBLD1TOR130_COS		-89.58	167.60	43.96	-7.67	21.98	2.35	14.81	-15.79	0.27	0.54	7.26	-1.13	0.42	-0.10	-0.90	-2.27
MRBLD1TOR130_SIN		0.00	-128.65	73.23	24.19	-25.03	2.34	-17.26	-24.04	3.51	-3.33	-1.43	4.21	2.64	3.22	4.37	0.02
MRBLD1TOR164_COS		-291.37	86.33	36.15	-26.31	4.07	-5.81	1.01	-10.99	2.50	3.51	0.37	-2.49	0.87	0.25	-1.10	-0.58
MRBLD1TOR164_SIN		0.00	-47.24	9.92	-22.80	-11.73	8.04	-7.61	-7.99	1.80	1.63	2.25	-1.40	-0.16	1.34	1.01	-0.08
MRFBM1CB26P5_COS		-1156.81	-849.33	212.73	-38.83	-42.37	5.38	0.81	1.88	-0.16	-3.26	6.76	1.73	-0.14	0.21	2.03	-2.20
MRFBM1CB26P5_SIN		0.00	517.07	96.53	-54.15	-16.50	-5.23	-20.24	-12.92	-0.49	-4.80	-16.02	1.81	0.12	0.00	-1.17	0.15
MRFBM1FB9_COS		511.05	-66.21	-178.72	-146.95	23.37	22.98	12.86	-0.03	2.21	2.31	-2.01	0.01	0.58	-0.06	-0.68	0.14
MRFBM1FB9_SIN		0.00	-4.86	-185.41	-153.31	-51.58	-10.06	6.30	15.06	2.87	2.74	3.62	-0.35	0.01	-0.01	0.37	-2.02
MRFBM1TOR26P5_COS		-116.26	74.43	2.84	-0.22	-0.27	-0.22	0.16	-0.01	-0.12	0.05	-0.07	0.14	-0.04	0.00	0.01	0.06
MRFBM1TOR26P5_SIN		0.00	-254.05	2.46	0.49	-0.49	0.05	-0.78	-0.30	-0.05	0.09	0.16	-0.06	-0.05	-0.10	-0.12	-0.07

RUN	POINT	Harmonics															
63	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		131.62	-1237.38	408.29	-3.26	-74.26	-51.89	-65.19	-19.66	12.74	-17.05	-6.88	16.02	2.07	2.15	1.09	8.46
MRPC1CB33P25_SIN		0.00	1201.78	29.28	41.09	148.77	-23.55	-9.85	-75.18	-1.91	0.52	-74.17	3.75	7.87	7.50	-2.28	21.25
MRPC1FB33P25_COS		1804.83	302.80	-48.30	650.06	-73.99	-94.85	-110.78	-65.06	-56.23	-64.18	42.38	18.12	1.11	9.65	15.62	22.51
MRPC1FB33P25_SIN		0.00	3.96	284.36	354.66	333.70	145.12	10.67	-253.44	-54.29	-93.02	-119.89	12.73	4.54	1.47	-17.19	47.25
MRPC1TOR25P5_COS		-337.90	-105.71	-101.39	-5.38	-17.93	20.22	-7.69	26.65	7.20	-1.20	5.72	7.26	6.01	1.94	-1.64	-4.16
MRPC1TOR25P5_SIN		0.00	-62.79	-151.64	-65.47	4.05	-14.67	34.60	32.89	-5.77	-6.64	-20.34	6.08	10.10	10.55	11.83	3.28
MRPLK1LOAD_COS		3.53	-16.82	-13.37	-2.74	-4.04	4.03	-2.08	3.89	2.16	0.07	1.09	-0.01	0.94	0.34	-0.37	-0.99
MRPLK1LOAD_SIN		0.00	-2.14	-21.33	-12.03	0.16	-2.28	4.85	5.05	-0.54	-0.55	-2.40	0.38	1.38	1.75	2.03	0.80
PITCHRH_COS		9603.19	-9397.01	-104.39	88.27	-4.59	-266.09	151.60	-199.12	1.75	-97.45	29.97	41.20	28.79	25.91	-15.63	-133.95
PITCHRH_SIN		0.00	1075.19	-789.93	-72.31	-24.44	914.69	78.96	43.90	14.14	-97.88	-269.27	38.15	-16.92	39.37	-6.84	194.05
ROLLRH_COS		2822.69	-1072.51	989.99	-61.99	20.86	-2102.35	-71.45	45.18	-22.51	147.91	203.19	-2.16	21.53	-42.26	34.23	191.19
ROLLRH_SIN		0.00	-9306.15	21.41	144.66	20.14	1136.27	-103.02	-150.72	-136.27	-114.21	-79.90	-9.51	-21.46	18.86	-3.41	181.00
TORQ_COS		100644.91	365.57	-16.32	118.39	-15.05	-17.53	7.71	-1.68	-9.36	0.20	-5.91	-3.42	-0.38	0.33	-4.95	6.87
TORQ_SIN		0.00	1058.17	-79.42	93.26	-130.29	44.70	11.25	51.64	-8.94	-6.41	62.88	1.91	-6.49	4.91	-1.75	-1.61
THRUST_COS		5537.54	-86.88	12.02	27.74	1.91	39.51	10.22	17.68	3.54	-4.18	4.01	-11.23	-2.52	0.22	1.22	-21.15
THRUST_SIN		0.00	-231.26	6.62	-12.07	28.50	-86.28	8.05	19.40	1.29	6.70	52.98	3.40	1.28	0.43	0.77	-19.83

RUN	POINT	Harmonics															
63	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.37	44.10	-31.64	3.36	13.48	41.76	5.78	-1.21	-1.17	-4.72	-8.57	0.68	-0.85	1.20	-1.16	-5.30
SIDERH_SIN		0.00	236.78	-7.97	3.27	5.20	-141.35	-6.18	1.83	4.70	4.76	-1.61	0.81	0.69	-0.29	0.26	-5.29
DRAGRH_COS		-73.74	245.75	14.77	0.49	5.41	112.69	-30.10	-4.84	-3.43	5.46	-10.39	-0.06	-0.60	-0.75	1.20	5.91
DRAGRH_SIN		0.00	-45.83	13.30	0.13	-4.03	95.06	10.18	3.74	-6.35	9.64	11.75	-1.49	3.13	-1.82	0.56	-10.09

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.76	-2.22	-9.70	-0.64	-1.20	-0.09	0.22	-0.17	-0.26	-0.18	0.02	-0.05	0.05	0.07	-0.06	0.01
ACT1FORCE_SIN		0.00	18.69	-1.95	-2.89	1.46	0.24	0.38	0.46	0.26	0.05	-0.25	-0.02	-0.08	0.09	0.04	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		420.66	2.33	82.32	8.60	12.79	2.44	-3.11	-0.01	0.02	0.00	-0.01	0.00	-0.01	0.00	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-138.02	16.70	34.15	-8.38	-2.59	-0.14	0.00	-0.02	0.01	0.00	0.01	0.00	-0.02	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		385.03	-2.20	-82.49	-8.73	-12.79	-2.44	3.12	0.02	-0.02	0.00	0.01	-0.01	0.01	0.00	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	138.29	-16.57	-34.25	8.34	2.60	0.13	0.00	0.02	-0.01	0.00	-0.01	0.00	0.02	0.00	0.00
MRBLD1CB42P75_COS		75.67	-2088.75	546.57	-133.43	-117.56	-116.60	-90.55	-6.66	14.51	-18.79	-22.63	2.99	1.19	-6.19	-2.29	4.79
MRBLD1CB42P75_SIN		0.00	1303.56	31.84	101.72	305.23	-115.35	-19.53	-57.46	18.25	23.49	-100.87	6.43	11.18	12.13	-3.79	25.27

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4839.53	-1543.24	402.81	-218.83	4.85	-157.88	-75.15	-8.91	15.89	-10.03	-29.71	1.43	1.30	-1.74	-3.93	15.67
MRBLD1CB70_SIN		0.00	1053.54	-89.74	198.24	525.18	-173.55	77.50	-36.91	14.31	23.90	-49.27	3.76	5.42	7.72	-6.23	26.74
MRBLD1CB120_COS		-138.71	-868.08	335.42	-86.47	89.22	-129.79	-36.29	10.40	6.40	-1.39	5.72	-6.96	1.12	4.38	4.34	-1.75
MRBLD1CB120_SIN		0.00	829.29	-93.85	169.80	579.91	-145.28	129.30	-66.14	-32.22	-36.75	59.25	4.15	0.07	-0.77	-2.99	1.93
MRBLD1CB164_COS		-1987.04	-296.29	76.82	17.72	24.21	-64.65	-15.20	13.30	-7.01	3.11	14.91	-3.02	-0.28	0.18	-0.74	-10.52
MRBLD1CB164_SIN		0.00	323.43	-22.59	97.08	239.38	-58.05	68.38	-14.52	-35.55	-41.26	45.14	8.45	1.83	-1.46	8.46	-16.91
MRBLD1FB42P75_COS		2492.79	477.17	141.13	761.22	-37.06	-63.06	-121.07	-152.74	-77.65	-111.21	-42.50	-5.25	1.27	3.45	-9.15	43.46
MRBLD1FB42P75_SIN		0.00	-293.50	398.48	438.34	386.28	187.61	-6.07	-216.92	-12.48	-40.94	-99.23	2.53	2.03	0.70	-27.36	9.48
MRBLD1FB70_COS		685.51	93.89	45.45	208.58	-18.18	-20.01	-25.58	-14.50	0.12	-0.15	0.34	2.23	0.73	0.26	1.96	-7.85
MRBLD1FB70_SIN		0.00	-263.42	163.83	115.58	121.04	27.65	2.09	-32.57	4.89	6.08	2.73	2.35	1.90	1.08	5.13	-3.04
MRBLD1FB87_COS		98.94	110.93	-19.79	105.53	-20.85	-13.03	-2.30	11.91	12.60	21.84	12.94	2.62	0.85	-0.34	2.56	-8.88
MRBLD1FB87_SIN		0.00	-319.61	120.47	67.06	48.63	5.87	1.11	18.50	0.33	8.86	25.13	0.56	1.37	1.14	7.59	0.55
MRBLD1FB120_COS		-293.15	132.02	-111.90	95.74	-13.88	-15.61	5.72	17.93	-7.38	-8.19	-9.52	-9.09	-5.17	-1.43	-3.76	14.00
MRBLD1FB120_SIN		0.00	-459.08	128.78	153.81	11.98	9.56	7.78	54.87	-1.93	-8.96	-12.94	-4.55	-4.60	-4.49	-11.94	-0.72
MRBLD1FB164_COS		128.95	122.91	-1.15	75.97	79.23	49.00	30.40	-13.62	1.70	13.07	11.95	5.86	2.20	-2.30	-1.48	-8.09
MRBLD1FB164_SIN		0.00	-598.16	212.76	271.20	-35.77	-38.60	-33.56	-77.06	5.19	11.68	18.95	0.85	1.80	1.58	5.57	-0.01

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		41.28	-34.24	50.70	5.91	60.90	49.00	12.92	-17.60	5.18	34.87	27.32	-7.84	-15.36	-8.20	-4.22	16.94
MRBLD1FB180_SIN		0.00	-428.69	151.29	153.19	-41.84	-17.69	-22.28	-72.47	6.72	21.46	51.04	-5.89	-11.40	-9.55	-14.61	-0.66
MRBLD1TOR51_COS		-1467.37	188.22	81.23	30.01	12.77	-6.43	10.38	-21.09	-6.01	1.91	0.72	-1.32	-3.33	-0.74	2.10	4.93
MRBLD1TOR51_SIN		0.00	-150.94	166.69	93.62	19.94	15.15	-41.93	-41.39	-2.17	3.75	8.87	0.28	-4.90	-4.94	-4.96	3.50
MRBLD1TOR71_COS		-324.16	214.26	44.65	15.96	21.74	5.45	20.42	-16.44	-2.31	4.55	0.95	-1.62	-1.85	0.10	1.41	2.26
MRBLD1TOR71_SIN		0.00	-145.75	139.19	48.78	-10.89	15.01	-35.53	-25.31	0.06	5.74	14.26	1.39	-3.47	-3.68	-1.90	2.57
MRBLD1TOR130_COS		-66.39	190.25	47.21	-8.94	27.88	8.91	19.20	-9.85	-0.07	-0.74	5.27	-1.01	0.14	-0.19	-1.94	-3.69
MRBLD1TOR130_SIN		0.00	-110.04	79.68	30.87	-25.15	7.11	-26.97	-27.29	-0.69	-3.28	-0.16	5.23	3.24	2.17	3.34	-0.30
MRBLD1TOR164_COS		-299.28	104.69	31.91	-21.61	6.13	-2.24	3.80	-5.91	1.43	2.97	0.37	-1.87	0.78	0.13	-0.68	-2.48
MRBLD1TOR164_SIN		0.00	-25.87	15.37	-29.80	-11.52	8.83	-13.54	-10.08	0.76	0.85	3.20	-0.83	0.73	0.77	0.19	0.10
MRFBM1CB26P5_COS		-218.55	-1219.53	265.68	-36.73	-57.70	5.15	0.28	1.50	-0.73	-2.59	5.59	0.88	0.21	-0.29	1.81	-2.19
MRFBM1CB26P5_SIN		0.00	441.94	126.45	-84.30	-56.17	-3.10	-29.42	-9.94	-0.53	-3.85	-13.68	-0.14	-0.07	-0.43	-1.20	0.46
MRFBM1FB9_COS		1002.10	-34.30	-238.55	-116.13	32.59	24.20	14.65	-1.35	2.05	2.32	-1.52	0.45	0.47	0.36	-0.69	0.34
MRFBM1FB9_SIN		0.00	217.02	-202.23	-196.11	-54.36	-6.57	10.20	14.50	2.94	2.94	3.80	0.37	0.23	0.06	0.65	-1.85
MRFBM1TOR26P5_COS		-62.21	108.92	4.42	-0.47	-0.40	0.20	0.13	-0.26	-0.17	0.15	-0.03	0.12	-0.04	0.00	0.05	0.13
MRFBM1TOR26P5_SIN		0.00	-295.74	3.25	0.27	0.06	0.09	-1.14	-0.25	0.09	0.18	0.11	-0.17	-0.10	-0.07	-0.08	-0.07

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		711.06	-1604.37	457.93	-67.96	-109.70	-73.71	-84.99	-6.72	15.78	-14.41	-14.33	3.01	2.75	-3.54	1.23	2.73
MRPC1CB33P25_SIN		0.00	1153.83	10.76	25.27	145.92	-52.30	-30.99	-55.52	-0.33	-4.27	-74.06	4.23	7.14	9.10	-6.37	21.69
MRPC1FB33P25_COS		1908.63	386.50	-13.88	577.11	-105.87	-106.22	-97.66	-35.69	-48.84	-56.63	29.75	-1.07	2.58	1.01	16.62	15.30
MRPC1FB33P25_SIN		0.00	-43.96	328.66	493.11	324.73	128.06	-41.51	-245.04	-53.35	-92.23	-100.45	-0.27	2.99	5.42	-21.99	47.34
MRPC1TOR25P5_COS		-283.71	-80.08	-110.54	1.59	-22.99	9.09	-12.51	22.36	8.71	-0.24	4.45	2.33	5.52	0.32	-3.10	-9.49
MRPC1TOR25P5_SIN		0.00	-144.37	-169.01	-86.03	-0.52	-20.72	50.88	37.55	-1.40	-10.20	-15.94	5.67	10.83	8.58	9.03	3.14
MRPLK1LOAD_COS		12.04	-13.58	-14.65	-1.78	-4.57	2.47	-2.94	3.87	2.41	-0.18	0.91	-0.34	0.85	0.28	-0.76	-2.05
MRPLK1LOAD_SIN		0.00	-13.30	-23.63	-15.25	-0.53	-2.76	7.22	5.49	-0.28	-1.21	-1.71	0.73	1.66	1.31	1.47	0.86
PITCHRH_COS		8912.62	-9233.21	-343.72	100.88	32.56	-759.23	91.47	-73.12	125.37	-171.94	49.49	-14.13	-3.38	66.09	-43.75	-115.17
PITCHRH_SIN		0.00	866.31	-653.84	3.26	-103.66	255.28	194.69	50.24	-44.34	-83.54	-344.59	55.61	-54.23	11.71	17.48	142.80
ROLLRH_COS		-658.45	-1045.19	764.39	-100.11	275.32	-2113.31	-173.09	-12.64	9.26	150.26	170.58	-34.34	7.16	-41.94	8.09	156.64
ROLLRH_SIN		0.00	-9442.05	-306.40	150.02	69.69	1198.70	-136.53	-85.83	-169.70	-136.88	29.47	-25.17	-41.80	42.20	-41.11	140.60
TORQ_COS		121948.66	206.70	0.08	91.08	-19.63	17.41	8.62	5.71	-5.53	2.14	-0.77	-1.61	-0.54	-0.61	-5.49	7.60
TORQ_SIN		0.00	1154.92	-67.98	101.31	-159.12	39.86	6.69	38.03	-4.19	-5.86	57.26	4.75	-6.49	5.80	-1.57	-2.11
THRUST_COS		6635.62	-70.38	-2.95	22.70	9.24	33.35	9.34	19.14	-1.71	-0.52	8.42	-4.65	1.87	-2.87	1.70	-20.43
THRUST_SIN		0.00	-257.29	15.40	-3.19	25.15	-71.67	8.02	10.03	-1.32	1.60	52.01	4.37	1.03	-0.61	2.64	-13.67

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-206.43	45.46	-15.10	0.03	-3.05	8.01	14.32	0.44	-1.90	-6.02	-5.82	1.51	-0.57	1.24	-0.22	-4.15
SIDERH_SIN		0.00	237.76	2.90	0.92	23.42	-158.02	-4.50	3.95	4.71	6.85	-5.55	2.08	0.81	-1.07	0.85	-3.78
DRAGRH_COS		-103.48	244.02	4.13	0.96	11.68	313.32	-36.90	1.09	-0.18	5.76	-10.63	2.29	-0.40	-2.58	2.05	6.44
DRAGRH_SIN		0.00	-45.38	10.92	-0.83	-9.11	112.36	-7.39	1.52	-4.60	9.60	10.85	-3.04	4.10	-0.04	-1.01	-6.74

RUN	POINT	Harmonics															
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.51	-2.01	-6.16	-1.24	-1.12	-0.40	-0.62	-0.15	-0.14	-0.12	0.05	0.07	0.08	0.12	0.00	0.05
ACT1FORCE_SIN		0.00	18.90	-0.94	-0.83	1.47	-0.10	-0.36	0.05	0.06	0.00	-0.11	-0.02	0.05	0.01	0.05	0.01
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		278.36	3.95	53.15	17.17	9.15	3.01	6.14	-0.03	-0.02	0.01	0.02	-0.01	0.01	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-152.72	7.87	9.20	-16.07	-1.44	2.66	-0.02	-0.04	0.00	0.00	0.00	0.01	0.00	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		527.56	-3.71	-53.30	-17.29	-9.10	-3.01	-6.20	0.02	0.02	0.00	-0.02	0.01	-0.02	0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	153.07	-7.69	-9.20	16.12	1.48	-2.61	0.00	0.03	0.00	0.01	0.00	-0.01	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-2582.25	-1774.76	259.29	187.84	-14.78	-18.73	-28.33	-27.89	11.28	-8.61	-15.95	20.50	-4.99	1.64	7.30	11.69
MRBLD1CB42P75_SIN		0.00	61.06	-3.66	68.12	163.88	24.06	16.40	-80.83	9.56	24.69	-128.32	29.56	13.74	1.15	-9.68	18.87

RUN	POINT	Harmonics															
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3448.66	-1214.80	174.10	116.28	29.41	-40.85	-33.01	-17.53	12.90	5.43	-21.23	15.44	-1.92	4.11	3.71	21.81
MRBLD1CB70_SIN		0.00	50.14	-107.97	100.37	69.66	-4.76	41.58	-45.30	6.80	29.34	-44.88	15.26	8.58	-0.26	-9.23	17.86
MRBLD1CB120_COS		-537.80	-655.82	92.46	153.65	72.32	-68.81	-64.80	-16.02	-20.53	-9.25	15.26	-11.93	2.91	1.32	1.87	0.44
MRBLD1CB120_SIN		0.00	241.97	-175.04	77.63	102.62	-2.00	42.64	-30.74	-17.27	-26.95	71.52	-8.34	-5.20	-1.20	-0.28	4.34
MRBLD1CB164_COS		-1952.23	-199.63	11.55	110.11	24.97	-52.04	-37.79	-5.44	-22.53	-6.31	23.76	-9.02	3.36	-1.86	-2.40	-13.05
MRBLD1CB164_SIN		0.00	111.19	-69.55	36.00	63.45	-10.56	4.45	7.59	-21.02	-38.30	38.73	-4.38	-1.26	0.05	8.78	-11.33
MRBLD1FB42P75_COS		2087.38	506.29	0.90	959.72	193.18	-5.11	-91.12	-200.44	-78.69	-112.33	-64.75	27.81	-6.39	-4.65	-8.86	46.41
MRBLD1FB42P75_SIN		0.00	84.14	325.14	-41.71	576.33	238.45	106.67	-156.09	24.25	-12.05	-156.05	19.19	3.41	-8.99	-38.15	-1.79
MRBLD1FB70_COS		412.91	94.48	25.78	299.72	43.82	4.21	-11.58	-21.23	2.29	3.02	2.40	3.45	3.19	1.99	2.21	-9.01
MRBLD1FB70_SIN		0.00	-223.96	145.59	-36.33	151.98	42.65	14.96	-27.11	5.41	4.51	1.12	0.98	1.86	2.14	7.57	-0.89
MRBLD1FB87_COS		13.91	110.63	3.17	155.67	5.78	-8.33	-2.65	16.94	11.92	22.43	18.92	-5.23	3.70	2.32	3.30	-8.21
MRBLD1FB87_SIN		0.00	-264.50	116.56	-9.68	62.06	10.28	-8.41	12.09	-5.34	3.10	38.07	-3.37	1.12	4.84	11.05	4.03
MRBLD1FB120_COS		-298.30	158.11	-36.25	139.77	-14.32	-30.73	-5.54	23.64	-9.73	-11.23	-13.48	-6.15	-8.46	-5.61	-5.10	14.04
MRBLD1FB120_SIN		0.00	-378.03	157.21	48.04	14.31	-1.83	-11.68	43.62	-5.43	-5.70	-15.23	-1.73	-5.74	-9.33	-17.02	-6.24
MRBLD1FB164_COS		-247.00	167.01	31.00	142.82	-7.56	28.92	27.85	-24.09	11.20	13.11	13.18	-0.02	4.26	-1.48	-1.65	-8.16
MRBLD1FB164_SIN		0.00	-487.18	244.93	131.98	-132.71	-65.05	-1.25	-67.11	9.51	13.18	24.58	-3.90	3.44	6.41	8.66	1.96

RUN	POINT	Harmonics															
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-283.89	57.85	42.26	56.79	-6.80	36.25	25.79	-28.28	7.34	33.96	31.09	-28.33	-19.85	-11.90	-6.51	18.09
MRBLD1FB180_SIN		0.00	-336.52	148.19	85.46	-98.43	-47.33	8.85	-52.46	1.33	10.20	77.92	-8.45	-10.25	-13.56	-23.73	-8.82
MRBLD1TOR51_COS		-1589.76	116.08	52.20	64.94	12.50	-17.36	19.77	-24.74	-7.81	1.61	-0.94	-4.96	-4.73	-0.76	4.45	6.04
MRBLD1TOR51_SIN		0.00	-210.70	117.58	35.82	19.59	22.60	-20.46	-29.40	2.61	-2.17	12.36	-3.02	-5.67	-8.20	-7.98	2.04
MRBLD1TOR71_COS		-375.44	140.17	35.58	30.87	13.09	-8.26	25.72	-17.10	-3.29	4.75	-0.62	-5.76	-2.54	0.47	3.94	4.00
MRBLD1TOR71_SIN		0.00	-178.56	101.51	16.81	-6.30	14.50	-18.81	-15.81	3.89	-0.31	18.95	-3.33	-4.94	-5.87	-4.50	1.56
MRBLD1TOR130_COS		-116.63	122.46	46.22	-9.99	12.92	-2.84	19.46	-12.46	-1.01	0.99	8.91	-1.52	1.01	0.45	-1.43	-3.59
MRBLD1TOR130_SIN		0.00	-161.84	64.25	18.75	-27.65	7.01	-13.51	-18.96	3.94	-4.18	-1.94	6.21	2.38	3.29	4.55	0.87
MRBLD1TOR164_COS		-257.44	48.13	44.01	-38.34	3.03	-1.46	2.70	-8.12	2.40	3.47	0.15	-2.45	1.81	0.48	-1.07	-1.48
MRBLD1TOR164_SIN		0.00	-92.59	2.64	-7.24	-1.37	14.38	-3.88	-7.58	0.79	0.01	4.48	-1.12	-0.83	1.39	0.33	-0.14
MRFBM1CB26P5_COS		-2923.48	-859.57	104.46	-14.28	-13.77	3.23	1.40	-2.77	-1.33	-4.34	4.26	0.69	-0.24	-1.02	2.31	-0.85
MRFBM1CB26P5_SIN		0.00	-102.99	41.88	-11.50	32.90	0.92	-9.70	-10.62	-1.32	-4.52	-21.64	1.67	-0.30	-0.79	-1.86	1.35
MRFBM1FB9_COS		-646.45	442.64	-81.77	-217.53	7.72	20.58	10.78	2.79	3.33	2.34	-3.25	0.76	0.54	0.13	-0.94	-0.05
MRFBM1FB9_SIN		0.00	-3.68	-164.97	-86.91	-76.68	-18.66	4.22	14.43	1.98	2.25	4.74	-1.03	0.23	0.27	0.57	-1.85
MRFBM1TOR26P5_COS		-231.15	30.79	0.58	-0.99	0.11	-0.26	0.63	0.03	-0.07	0.04	-0.12	0.14	-0.10	-0.01	0.01	0.09
MRFBM1TOR26P5_SIN		0.00	-185.63	2.10	-0.79	-0.76	0.09	-0.75	-0.05	0.06	0.11	0.20	-0.11	-0.03	-0.12	-0.06	-0.08

RUN	POINT	Harmonics															
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-806.14	-1533.33	221.54	168.37	-18.95	-14.90	-39.00	-32.49	0.37	-17.55	-9.76	15.76	-2.93	2.85	8.52	10.25
MRPC1CB33P25_SIN		0.00	214.13	-5.70	33.48	191.28	31.81	7.95	-73.19	-0.32	-1.72	-104.71	20.75	6.46	0.54	-10.35	17.85
MRPC1FB33P25_COS		1603.30	412.62	-137.71	819.62	41.09	-69.15	-113.42	-102.38	-69.76	-75.15	44.04	11.52	-2.99	4.36	28.58	29.42
MRPC1FB33P25_SIN		0.00	307.44	246.12	116.73	521.47	187.44	62.08	-214.85	-26.16	-72.55	-158.51	29.26	-2.91	-8.04	-30.11	44.55
MRPC1TOR25P5_COS		-446.30	-108.45	-137.71	-25.60	-12.26	23.32	-18.31	22.44	8.95	0.41	7.77	7.79	8.19	3.29	-0.05	-5.72
MRPC1TOR25P5_SIN		0.00	141.05	-111.47	-57.97	-3.98	-26.52	29.09	23.81	-6.61	-2.84	-26.13	9.36	8.59	10.48	11.00	5.11
MRPLK1LOAD_COS		-19.12	-18.84	-11.03	-4.02	-4.03	4.07	-4.03	3.57	2.00	-0.05	1.62	-0.02	1.39	0.74	-0.30	-1.53
MRPLK1LOAD_SIN		0.00	12.72	-18.34	-6.08	-1.14	-3.39	4.10	3.40	-0.90	-0.54	-2.87	1.11	1.00	1.67	1.80	0.94
PITCHRH_COS		1833.89	-8714.54	-167.43	53.47	-72.46	823.38	-51.50	-70.48	44.27	14.07	-68.66	-17.56	47.79	-11.78	-6.30	-49.25
PITCHRH_SIN		0.00	1305.22	-822.03	-22.33	-60.63	2313.55	-53.25	30.10	158.40	-82.62	-196.06	23.67	13.95	8.27	6.20	113.55
ROLLRH_COS		1340.62	-1279.53	1146.46	-64.14	-102.46	-2867.07	-102.66	-19.49	-42.98	69.75	210.87	-13.16	11.61	-36.76	8.87	322.82
ROLLRH_SIN		0.00	-8687.21	-166.01	130.60	165.46	1455.00	-202.24	-160.45	-10.58	-24.23	-179.87	-79.26	-40.75	-17.03	-7.06	88.73
TORQ_COS		59972.65	376.67	-15.89	52.97	-33.26	-107.18	0.55	-5.03	-8.26	-4.14	12.03	0.25	0.08	0.81	-5.75	2.09
TORQ_SIN		0.00	952.02	-27.96	43.02	-49.58	12.95	8.38	27.29	-10.99	-4.79	76.44	5.49	-5.71	5.45	-2.54	-4.71
THRUST_COS		2758.63	-134.92	1.10	16.54	5.97	44.09	6.36	5.18	-0.16	-3.98	18.54	-1.37	-1.07	-1.94	-1.51	-24.33
THRUST_SIN		0.00	-240.47	-10.91	-3.50	21.08	-119.49	10.42	13.37	-2.29	7.67	76.00	2.88	-1.12	2.13	3.18	-10.82

RUN	POINT	Harmonics															
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-62.71	48.53	-41.41	6.22	14.87	83.09	5.18	-0.70	-0.96	-1.18	-10.66	0.04	-0.20	0.93	-0.43	-9.34
SIDERH_SIN		0.00	220.38	5.92	1.08	-39.40	-175.02	4.88	3.64	-0.70	1.59	1.13	3.34	1.38	0.64	0.20	-2.53
DRAGRH_COS		-81.99	218.40	21.06	2.45	-2.12	-103.97	-8.61	-3.43	-3.98	-2.87	-1.24	3.02	-1.40	0.58	1.39	2.39
DRAGRH_SIN		0.00	-44.58	0.86	1.18	7.49	162.87	5.22	1.65	-3.17	7.41	9.09	0.75	1.74	-0.13	-0.47	-6.22

RUN	POINT	Harmonics															
63	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.37	-2.22	-8.01	-1.07	-0.99	0.00	0.58	0.24	-0.31	-0.02	-0.07	0.11	-0.02	-0.02	0.06	-0.13
ACT1FORCE_SIN		0.00	19.00	-1.55	-2.03	1.64	-0.26	-0.55	0.52	0.28	-0.02	-0.10	-0.14	0.07	0.00	0.13	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.89	2.01	64.78	15.32	4.00	-5.70	-5.22	0.05	0.02	0.01	0.01	-0.01	-0.01	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-146.84	13.29	21.80	-18.35	11.41	11.49	-0.04	-0.04	0.02	0.01	0.00	0.00	0.00	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		423.85	-1.86	-64.92	-15.45	-3.97	5.66	5.20	-0.02	-0.01	0.00	-0.01	0.00	0.01	0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	147.13	-13.14	-21.84	18.37	-11.42	-11.56	0.02	0.04	-0.01	-0.01	0.00	0.00	0.00	0.02	0.00
MRBLD1CB42P75_COS		-1035.58	-1282.87	510.70	-10.36	-71.65	-76.44	-63.29	-32.50	17.61	-12.28	-29.95	21.55	0.03	0.29	2.33	12.19
MRBLD1CB42P75_SIN		0.00	1509.51	18.60	121.54	224.93	-42.95	9.55	-96.28	14.07	32.28	-94.93	-1.49	10.96	9.03	0.80	23.34

RUN	POINT	Harmonics															
63	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4280.20	-987.89	369.51	-85.62	36.09	-109.43	-64.13	-28.24	17.98	-0.07	-35.55	12.42	1.03	0.74	-2.64	24.07
MRBLD1CB70_SIN		0.00	1112.85	-102.90	187.98	286.64	-70.89	64.18	-55.43	12.40	34.18	-26.67	-7.45	4.80	4.23	-1.09	22.85
MRBLD1CB120_COS		-281.48	-624.07	277.36	17.85	106.21	-98.65	-56.12	-14.23	-9.57	-2.99	17.39	-12.30	3.49	2.89	3.39	-0.29
MRBLD1CB120_SIN		0.00	776.92	-135.50	151.67	324.20	-52.99	78.49	-47.46	-26.16	-37.32	52.60	8.30	-1.81	-1.06	-2.12	3.34
MRBLD1CB164_COS		-1975.75	-216.33	59.91	59.82	34.66	-56.98	-28.53	3.18	-22.58	-2.23	30.33	-8.79	1.32	-0.11	0.57	-14.57
MRBLD1CB164_SIN		0.00	275.32	-45.28	77.58	142.38	-25.53	29.34	4.29	-30.75	-46.83	25.84	14.70	2.52	0.28	6.36	-13.50
MRBLD1FB42P75_COS		2337.48	313.15	100.68	864.52	24.19	-35.40	-103.72	-224.45	-89.02	-120.66	-71.13	22.44	-0.59	3.94	-3.93	47.83
MRBLD1FB42P75_SIN		0.00	-274.79	339.05	262.43	460.03	207.40	64.79	-209.10	4.48	-30.60	-136.10	-2.57	2.24	-6.44	-29.07	1.33
MRBLD1FB70_COS		573.93	98.89	39.86	249.05	-3.31	-10.73	-18.84	-27.25	-0.09	0.96	1.07	1.73	1.12	-0.02	0.41	-9.25
MRBLD1FB70_SIN		0.00	-252.54	152.93	61.21	127.29	35.62	11.49	-33.69	5.33	5.91	3.51	1.89	1.91	1.62	5.29	-1.42
MRBLD1FB87_COS		54.98	110.40	-14.91	126.43	-14.35	-11.63	-1.68	19.01	14.45	23.90	19.86	-2.71	2.60	0.96	2.67	-8.07
MRBLD1FB87_SIN		0.00	-307.82	118.43	38.23	50.19	6.98	-5.37	17.13	-3.29	5.39	31.37	1.60	0.54	2.79	8.09	2.28
MRBLD1FB120_COS		-313.59	143.46	-94.32	114.37	-11.44	-21.24	1.24	34.25	-7.71	-11.45	-14.28	-7.59	-7.39	-3.56	-4.61	12.86
MRBLD1FB120_SIN		0.00	-435.38	137.93	112.90	17.54	6.52	-5.76	56.73	-2.02	-6.37	-13.39	-3.64	-4.55	-7.07	-13.19	-4.24
MRBLD1FB164_COS		-21.15	129.96	3.21	107.08	61.28	48.54	29.82	-35.63	4.99	14.51	16.02	2.95	3.88	-1.57	-1.63	-7.56
MRBLD1FB164_SIN		0.00	-564.87	219.86	219.08	-59.60	-49.43	-16.28	-84.52	3.47	11.60	21.20	0.37	2.36	3.69	6.79	1.84

RUN	POINT	Harmonics															
63	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-81.93	-8.52	45.60	29.69	45.82	51.69	22.08	-39.63	6.50	39.15	37.90	-20.16	-17.62	-10.60	-5.05	16.63
MRBLD1FB180_SIN		0.00	-396.83	147.34	129.80	-56.48	-30.81	-3.61	-74.31	-1.12	15.81	63.71	-0.61	-9.66	-10.25	-17.04	-5.46
MRBLD1TOR51_COS		-1521.87	168.02	77.35	48.20	9.28	-15.90	3.32	-34.63	-5.38	3.23	2.14	-4.27	-3.54	-1.29	3.38	4.39
MRBLD1TOR51_SIN		0.00	-169.62	141.97	76.21	16.89	10.97	-25.36	-40.01	3.27	0.35	12.03	-1.65	-5.17	-6.52	-6.27	3.05
MRBLD1TOR71_COS		-349.86	184.18	44.68	24.18	14.88	-4.29	13.01	-26.36	-1.19	6.42	2.65	-5.92	-1.97	-0.43	2.98	2.71
MRBLD1TOR71_SIN		0.00	-162.39	121.24	38.77	-10.54	7.12	-22.88	-21.99	5.67	2.70	17.64	-1.26	-4.09	-4.51	-2.78	2.09
MRBLD1TOR130_COS		-89.15	162.83	47.26	-7.78	19.90	1.68	11.83	-20.69	0.16	0.31	6.98	-1.21	0.47	0.31	-1.16	-2.37
MRBLD1TOR130_SIN		0.00	-132.20	71.73	27.38	-26.02	0.87	-16.29	-24.63	3.77	-3.87	-2.39	3.88	2.77	3.33	4.40	-0.11
MRBLD1TOR164_COS		-286.82	83.65	37.87	-27.97	2.93	-3.52	0.27	-12.14	2.91	3.63	0.60	-2.86	0.99	0.36	-0.96	-0.40
MRBLD1TOR164_SIN		0.00	-51.07	10.28	-21.59	-9.42	7.28	-6.30	-7.67	1.95	0.99	2.89	-1.76	-0.24	1.73	0.74	-0.40
MRFBM1CB26P5_COS		-1365.19	-712.08	219.65	-35.36	-43.98	4.53	1.28	0.12	-0.18	-3.63	5.65	2.01	-0.01	0.12	2.54	-1.75
MRFBM1CB26P5_SIN		0.00	644.53	88.60	-49.70	-11.15	-5.96	-18.27	-14.53	-1.10	-4.95	-19.81	1.63	-0.01	-0.21	-1.40	0.71
MRFBM1FB9_COS		435.01	-144.54	-183.34	-159.77	22.95	22.32	12.38	1.60	2.74	2.35	-1.77	-0.12	0.46	-0.01	-0.91	-0.13
MRFBM1FB9_SIN		0.00	-111.81	-172.36	-157.81	-58.83	-12.18	5.90	16.65	2.56	2.53	4.35	-0.43	0.13	0.00	0.35	-2.14
MRFBM1TOR26P5_COS		-127.59	63.13	2.45	-0.19	-0.27	-0.35	0.16	-0.04	-0.15	0.08	-0.06	0.18	-0.04	-0.02	-0.01	0.06
MRFBM1TOR26P5_SIN		0.00	-241.73	2.26	0.74	-0.60	-0.01	-0.81	-0.38	-0.06	0.10	0.19	-0.04	-0.06	-0.11	-0.12	-0.07

RUN	POINT	Harmonics															
63	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		146.43	-994.60	442.57	25.59	-74.84	-47.94	-59.59	-34.40	10.58	-15.06	-17.05	16.62	1.97	1.61	4.72	9.44
MRPC1CB33P25_SIN		0.00	1347.35	11.26	57.62	162.87	-13.59	-3.07	-84.97	-3.10	0.03	-83.14	0.33	5.96	6.51	-2.66	20.87
MRPC1FB33P25_COS		1778.99	257.65	-33.97	692.14	-69.35	-87.70	-108.76	-97.45	-66.99	-70.20	29.23	21.54	1.25	7.61	23.00	26.61
MRPC1FB33P25_SIN		0.00	-33.72	266.81	365.38	393.84	155.37	22.24	-267.09	-46.91	-89.32	-145.35	10.74	0.53	0.28	-18.97	45.58
MRPC1TOR25P5_COS		-361.30	-116.48	-107.57	-8.79	-16.32	21.14	-3.72	32.70	6.87	-1.45	3.29	6.74	6.81	2.87	-1.76	-3.69
MRPC1TOR25P5_SIN		0.00	-41.11	-146.09	-71.34	1.81	-12.66	34.60	34.65	-5.80	-6.33	-23.80	4.85	9.74	11.48	11.98	2.48
MRPLK1LOAD_COS		-0.96	-18.32	-14.26	-3.36	-3.84	4.25	-1.54	4.74	2.14	-0.05	0.73	-0.24	1.00	0.61	-0.37	-0.90
MRPLK1LOAD_SIN		0.00	0.80	-20.44	-12.69	-0.23	-2.07	4.82	5.41	-0.55	-0.53	-2.75	0.23	1.31	1.88	2.05	0.63
PITCHRH_COS		10739.02	-8395.76	-84.78	86.93	-54.50	-131.93	135.96	-177.32	43.77	-43.32	18.68	54.24	12.85	14.70	-19.84	-93.21
PITCHRH_SIN		0.00	569.97	-728.40	-78.22	-33.86	1178.89	-22.29	43.04	-17.46	-92.39	-276.01	34.16	-26.04	46.73	13.89	176.62
ROLLRH_COS		4317.55	-556.51	920.27	-79.27	-1.01	-2286.69	-89.59	26.08	-27.49	103.51	187.71	-1.56	39.34	-55.11	41.32	226.84
ROLLRH_SIN		0.00	-8331.97	-18.49	168.25	73.21	1123.91	-119.65	-119.06	-51.02	-99.14	-123.31	-1.19	-35.65	6.96	-26.91	242.92
TORQ_COS		96466.55	394.29	-15.26	128.60	8.18	-37.54	7.16	3.99	-8.48	-1.27	0.27	-1.72	-1.01	0.54	-6.32	5.94
TORQ_SIN		0.00	1077.47	-69.90	75.51	-131.73	32.72	9.61	59.14	-6.28	-4.80	77.01	2.77	-6.18	4.76	-1.18	-2.10
THRUST_COS		5351.89	-103.84	11.24	24.95	-0.96	38.96	9.48	19.71	2.76	-3.29	11.53	-10.94	-3.00	2.04	1.80	-20.07
THRUST_SIN		0.00	-236.07	1.84	-11.43	29.37	-91.90	7.09	18.82	0.06	7.53	63.79	1.29	1.59	1.71	2.61	-19.80

RUN	POINT	Harmonics															
63	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-107.16	30.87	-28.05	2.74	8.69	48.97	4.93	-0.89	-1.71	-2.78	-9.01	0.41	-1.26	1.44	-1.54	-6.50
SIDERH_SIN		0.00	213.43	-2.50	-5.21	-7.59	-144.25	-6.72	1.75	1.71	4.21	-0.40	1.14	1.43	0.24	1.03	-7.13
DRAGRH_COS		-58.40	216.30	14.57	1.51	6.60	81.99	-25.74	-6.04	-2.76	2.20	-9.85	-0.18	-0.19	-0.80	1.74	4.53
DRAGRH_SIN		0.00	-32.38	11.34	0.23	1.28	110.92	11.90	1.71	-3.70	9.15	13.47	-1.14	2.78	-1.72	-0.67	-9.66

RUN	POINT	Harmonics															
64	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.87	-1.96	-9.07	-1.08	-0.68	-0.29	-0.08	0.21	-0.39	0.06	0.03	-0.04	0.08	-0.09	0.06	-0.08
ACT1FORCE_SIN		0.00	19.38	-1.51	-2.28	1.16	0.29	-0.15	0.45	0.40	-0.01	-0.11	-0.10	0.05	0.06	0.02	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		429.03	6.56	80.67	13.05	10.89	9.51	0.00	-0.02	0.00	0.00	0.01	0.01	-0.01	0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-147.33	8.64	25.43	-4.90	-4.92	0.01	0.01	-0.02	0.01	0.01	0.02	0.00	-0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.61	-6.47	-80.82	-13.18	-10.88	-9.51	-0.02	0.01	-0.01	0.00	-0.01	-0.01	0.00	-0.02	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	147.59	-8.51	-25.51	4.84	4.94	-0.01	-0.02	0.01	-0.01	-0.01	-0.02	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-1032.92	-806.44	561.83	-32.65	-39.23	-86.16	-78.57	-48.57	25.12	-12.12	-26.20	-1.93	0.72	-2.83	-3.55	12.50
MRBLD1CB42P75_SIN		0.00	1802.02	-2.13	82.62	227.16	-73.72	4.49	-90.48	17.22	45.97	-67.80	-7.13	10.25	13.39	-2.72	27.09

RUN	POINT	Harmonics															
64	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4408.95	-682.87	397.11	-90.67	91.11	-135.34	-54.99	-34.22	25.39	1.17	-34.93	-4.91	-1.19	-2.30	-5.68	24.53
MRBLD1CB70_SIN		0.00	1321.42	-112.09	156.81	361.67	-112.22	81.17	-49.94	12.62	44.53	0.60	-9.66	6.67	8.67	-6.61	32.44
MRBLD1CB120_COS		-250.96	-512.19	297.49	17.42	161.67	-124.85	-11.31	4.43	-4.06	-2.58	12.26	-3.60	2.80	5.82	4.15	-1.17
MRBLD1CB120_SIN		0.00	870.89	-130.47	127.90	411.20	-88.17	118.36	-53.96	-30.16	-48.00	40.42	9.34	0.62	-1.53	-3.97	4.06
MRBLD1CB164_COS		-1983.75	-203.98	63.99	59.28	55.19	-69.03	-5.35	19.08	-22.15	-3.13	30.88	4.48	3.02	2.67	1.44	-13.50
MRBLD1CB164_SIN		0.00	300.89	-40.12	74.07	175.10	-36.22	58.55	3.01	-32.70	-58.26	5.41	18.64	1.43	-0.72	10.61	-20.19
MRBLD1FB42P75_COS		2431.11	186.83	159.32	797.88	33.80	-29.18	-112.57	-247.51	-84.42	-130.77	-73.69	6.77	3.15	4.42	-18.20	51.76
MRBLD1FB42P75_SIN		0.00	-316.93	343.60	318.28	406.85	184.10	41.68	-241.80	-6.42	-32.05	-151.72	-2.75	-1.16	-7.08	-21.69	5.06
MRBLD1FB70_COS		590.90	93.65	54.55	221.05	3.29	-10.87	-22.34	-31.13	0.80	1.04	2.08	2.14	0.98	0.78	3.98	-9.44
MRBLD1FB70_SIN		0.00	-252.18	155.67	72.87	113.18	28.34	10.11	-37.30	4.19	6.45	4.73	2.03	1.61	1.76	3.53	-1.89
MRBLD1FB87_COS		56.43	101.20	-8.24	110.52	-11.13	-12.33	-2.45	20.27	13.56	25.66	19.45	1.85	1.96	0.57	5.46	-9.05
MRBLD1FB87_SIN		0.00	-312.13	121.70	41.39	45.11	5.50	-2.54	19.24	-2.50	5.08	33.68	1.19	1.60	2.60	6.49	1.47
MRBLD1FB120_COS		-303.85	132.06	-91.61	100.13	-9.15	-20.97	2.59	41.84	-8.63	-11.46	-13.79	-10.28	-7.30	-3.73	-9.24	13.96
MRBLD1FB120_SIN		0.00	-437.57	140.35	118.87	15.65	13.49	-0.88	63.69	0.98	-5.37	-15.00	-2.04	-4.41	-6.81	-10.43	-3.11
MRBLD1FB164_COS		-37.12	136.41	17.11	91.37	64.33	48.69	34.04	-44.91	3.54	16.62	16.40	6.49	3.56	-1.42	0.09	-8.24
MRBLD1FB164_SIN		0.00	-608.50	230.35	221.59	-34.89	-39.22	-31.17	-95.55	1.92	8.91	23.60	-0.21	2.33	3.99	5.34	1.62

RUN	POINT	Harmonics															
64	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-94.35	-14.35	59.85	21.92	47.08	53.37	21.49	-48.27	7.14	44.13	40.60	-9.97	-19.60	-11.60	-10.78	18.18
MRBLD1FB180_SIN		0.00	-440.64	153.97	131.13	-42.72	-21.61	-16.16	-87.22	-2.14	14.48	68.70	-1.01	-7.51	-9.95	-13.21	-4.02
MRBLD1TOR51_COS		-1583.31	184.44	104.16	36.67	7.77	-13.16	5.32	-39.87	-6.38	4.13	2.26	-3.69	-4.55	-1.25	1.78	4.08
MRBLD1TOR51_SIN		0.00	-223.63	151.86	91.07	10.29	6.05	-28.99	-44.54	-0.33	1.02	14.80	0.26	-5.77	-5.75	-6.01	4.62
MRBLD1TOR71_COS		-401.70	193.67	66.24	16.18	11.72	-1.26	14.95	-30.67	-2.66	7.77	1.40	-4.54	-2.57	-0.28	1.32	2.46
MRBLD1TOR71_SIN		0.00	-217.63	129.90	50.97	-17.63	4.42	-25.18	-25.01	2.13	3.33	20.18	-0.25	-3.70	-4.22	-2.71	2.94
MRBLD1TOR130_COS		-143.62	174.56	64.48	-9.96	15.57	4.30	12.77	-24.33	-0.08	0.87	5.16	-1.17	1.32	0.54	-1.68	-1.94
MRBLD1TOR130_SIN		0.00	-186.14	76.66	37.11	-30.41	-0.87	-18.36	-28.28	0.02	-4.05	-1.27	1.11	4.53	2.96	4.10	-0.73
MRBLD1TOR164_COS		-333.49	92.34	46.34	-26.23	2.20	-2.92	-0.74	-13.31	2.28	4.96	-0.67	-2.07	1.29	0.46	-2.38	-0.19
MRBLD1TOR164_SIN		0.00	-84.56	10.54	-17.59	-14.32	5.11	-7.86	-8.63	0.31	1.51	4.01	-3.41	1.80	1.28	-0.08	-1.18
MRFBM1CB26P5_COS		-1354.26	-490.11	242.26	-32.74	-50.69	7.65	-3.97	-4.31	-0.11	-4.11	6.99	2.30	0.59	0.55	1.29	-2.19
MRFBM1CB26P5_SIN		0.00	843.68	96.33	-61.96	-34.35	-4.69	-24.24	-16.12	-0.86	-5.10	-22.82	0.80	-0.35	-1.02	-1.54	-0.26
MRFBM1FB9_COS		577.36	-410.31	-211.65	-137.10	21.20	21.05	13.92	1.04	1.97	2.42	-1.91	0.24	0.21	-0.08	-0.68	0.22
MRFBM1FB9_SIN		0.00	-110.30	-181.25	-163.45	-54.78	-8.95	6.55	18.18	2.53	2.46	4.03	0.34	0.10	-0.13	0.71	-2.10
MRFBM1TOR26P5_COS		-109.29	69.99	2.75	-0.04	-0.65	-0.39	0.27	-0.08	-0.19	0.02	0.08	0.19	-0.10	-0.03	0.08	0.04
MRFBM1TOR26P5_SIN		0.00	-237.38	2.94	0.82	-0.31	-0.13	-1.15	-0.31	0.04	0.06	0.10	0.12	-0.18	-0.08	-0.10	-0.04

RUN	POINT	Harmonics															
64	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		620.87	-558.70	502.37	11.24	-59.36	-49.45	-74.74	-47.67	15.97	-16.23	-14.42	-0.02	3.35	-0.21	-0.76	9.22
MRPC1CB33P25_SIN		0.00	1530.52	-13.78	35.64	130.82	-23.61	-6.85	-83.80	-0.21	4.84	-72.61	-2.28	5.29	11.01	-5.67	23.48
MRPC1FB33P25_COS		1780.92	149.92	9.34	623.14	-49.71	-76.46	-105.74	-99.82	-57.29	-75.12	36.65	10.45	5.20	7.70	7.41	24.97
MRPC1FB33P25_SIN		0.00	-80.69	271.00	394.56	349.51	136.20	0.34	-298.15	-52.67	-94.70	-155.25	0.54	1.59	-0.58	-26.64	50.48
MRPC1TOR25P5_COS		-261.77	-116.24	-135.21	-0.32	-13.63	18.86	-7.22	37.53	8.79	-1.76	1.64	4.99	8.92	2.19	-2.98	-3.50
MRPC1TOR25P5_SIN		0.00	28.11	-155.81	-87.96	8.50	-9.16	39.17	38.74	-3.13	-6.23	-24.69	-0.60	13.28	9.82	9.89	0.93
MRPLK1LOAD_COS		6.36	-17.65	-17.91	-2.27	-3.08	4.19	-2.33	5.52	2.49	-0.01	0.05	-0.48	1.56	0.65	-0.85	-0.80
MRPLK1LOAD_SIN		0.00	10.29	-21.68	-15.02	0.75	-1.34	5.92	5.66	-0.58	-0.45	-2.54	-1.02	2.25	1.67	1.71	0.37
PITCHRH_COS		16467.09	-8004.61	-959.08	223.53	-11.29	-571.48	73.18	-150.21	241.90	-86.42	7.80	46.63	10.72	65.84	-27.54	-190.62
PITCHRH_SIN		0.00	1546.45	-803.51	24.18	-31.12	650.27	81.69	144.81	-46.38	-119.07	-334.97	30.46	-6.56	81.20	-34.93	268.66
ROLLRH_COS		4910.33	-1516.31	1050.62	-171.90	-36.46	-1940.90	-100.64	-12.80	-31.68	151.76	221.10	18.59	10.51	-57.18	46.52	204.23
ROLLRH_SIN		0.00	-7972.35	-913.18	212.62	-34.26	1163.92	-167.92	-186.81	-7.19	-110.30	-104.04	43.15	-33.36	-13.78	-36.59	123.25
TORQ_COS		101432.24	316.67	-58.19	85.86	-30.40	-14.39	13.06	38.51	-6.72	1.52	-3.10	-3.11	-1.15	0.10	-4.16	5.56
TORQ_SIN		0.00	715.04	-6.14	194.19	-78.31	53.38	8.44	61.12	-9.69	-4.04	90.93	3.60	-6.57	8.29	-2.38	-1.80
THRUST_COS		5864.21	-38.56	-2.03	34.82	2.92	28.60	4.94	26.34	0.08	0.11	6.33	-8.13	-1.00	1.67	-1.02	-18.99
THRUST_SIN		0.00	-116.65	4.56	0.77	19.01	-87.98	9.33	8.73	-0.19	4.89	76.35	-1.11	2.46	-1.40	2.29	-17.94

RUN	POINT	Harmonics															
64	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-128.23	52.44	-18.55	2.94	33.47	11.23	7.45	-1.90	-1.79	-5.94	-8.62	-0.40	-0.83	1.80	-1.44	-5.96
SIDERH_SIN		0.00	210.61	18.88	0.29	0.25	-149.97	-1.20	2.03	0.53	4.58	-2.21	-0.50	1.41	0.74	0.80	-3.61
DRAGRH_COS		36.46	214.15	19.37	3.06	0.69	208.83	-26.80	-3.57	-5.81	5.54	-8.51	-1.82	-0.07	-3.24	1.64	8.27
DRAGRH_SIN		0.00	-53.07	-0.74	-2.36	-7.46	72.54	1.50	8.31	-3.89	12.92	20.05	-0.54	2.24	-2.54	1.87	-12.95

RUN	POINT	Harmonics															
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-8.35	-4.50	-8.93	-0.85	-0.55	-0.66	0.32	-0.30	-0.32	-0.17	-0.02	-0.04	0.02	-0.02	0.03	-0.08
ACT1FORCE_SIN		0.00	19.13	-2.59	-2.43	1.05	0.32	-0.10	0.70	0.10	0.13	-0.12	0.04	-0.07	0.07	0.01	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		592.14	25.69	80.82	13.00	6.61	9.15	-0.04	-0.02	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-146.82	18.29	21.84	-7.40	-1.99	0.02	-0.02	-0.02	0.00	0.01	0.00	-0.01	-0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		213.24	-25.85	-80.90	-13.01	-6.62	-9.15	0.02	0.03	-0.02	-0.02	-0.01	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	147.04	-18.45	-21.97	7.32	1.94	-0.02	0.01	0.01	-0.01	-0.02	0.00	0.00	0.01	0.00	0.02
MRBLD1CB42P75_COS		-801.03	-3294.56	387.01	-116.99	-56.96	-34.62	-85.16	67.58	16.38	-31.06	1.46	-10.32	-5.25	-0.52	-12.30	0.67
MRBLD1CB42P75_SIN		0.00	684.30	-11.12	111.46	197.40	-62.57	-4.39	-109.87	38.57	16.81	-91.42	24.61	12.94	4.73	1.97	24.55

RUN	POINT	Harmonics															
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4390.33	-2318.54	236.31	-154.31	35.66	-58.93	-51.03	32.14	13.55	-19.35	-35.86	-6.08	-2.21	1.31	-11.27	10.65
MRBLD1CB70_SIN		0.00	488.85	-129.04	151.94	275.92	-78.30	33.06	-84.05	26.33	21.90	-38.66	14.12	10.42	0.52	1.05	27.98
MRBLD1CB120_COS		-356.47	-1169.44	167.76	-18.90	75.08	-65.71	-5.98	3.57	1.21	14.81	0.95	-3.00	1.49	2.81	4.50	-1.62
MRBLD1CB120_SIN		0.00	485.88	-147.07	121.61	303.80	-37.29	41.17	-86.09	-38.74	-31.28	48.59	-6.93	-1.58	0.49	-0.64	1.69
MRBLD1CB164_COS		-1945.96	-339.10	31.59	48.14	12.20	-40.41	8.35	-18.68	-2.30	19.80	28.73	-0.89	0.24	-0.94	2.94	-7.44
MRBLD1CB164_SIN		0.00	197.64	-47.40	66.57	130.16	-21.87	12.65	-6.70	-48.78	-36.25	38.30	-2.54	-2.17	1.26	2.67	-17.41
MRBLD1FB42P75_COS		2349.89	822.01	188.93	761.50	-86.15	-69.10	-148.24	-44.03	-70.60	-94.35	28.31	-0.78	-5.47	8.17	-0.99	34.98
MRBLD1FB42P75_SIN		0.00	-199.60	460.90	288.31	265.87	233.61	52.97	-395.59	-2.24	-64.16	-159.21	27.39	-0.65	-3.42	-7.95	17.75
MRBLD1FB70_COS		579.89	113.70	73.72	216.70	-28.45	-14.06	-27.64	3.29	-0.25	-2.57	-1.54	1.70	0.97	-0.92	0.30	-6.32
MRBLD1FB70_SIN		0.00	-280.60	185.34	65.62	71.76	44.06	12.57	-65.71	8.20	6.12	2.80	2.00	2.56	1.55	1.75	-3.89
MRBLD1FB87_COS		82.31	140.74	12.58	106.29	-22.83	-12.87	0.66	1.77	11.13	18.39	-4.32	1.30	1.88	-1.80	0.26	-8.13
MRBLD1FB87_SIN		0.00	-314.88	134.36	37.01	25.69	11.22	-2.80	33.49	-1.15	13.60	37.93	-5.76	1.95	3.23	3.57	-1.18
MRBLD1FB120_COS		-248.86	191.81	-70.62	100.45	-18.51	-23.12	14.57	-11.12	-6.23	-3.68	-2.19	-6.39	-2.77	2.14	-0.01	12.22
MRBLD1FB120_SIN		0.00	-409.87	142.54	98.57	27.50	-12.56	-8.80	97.50	-10.35	-10.44	-17.17	-2.10	-7.11	-7.67	-6.56	1.42
MRBLD1FB164_COS		-139.30	238.39	44.17	85.64	90.96	60.38	18.53	31.99	6.49	1.51	-3.08	7.34	1.93	-5.69	-2.42	-6.17
MRBLD1FB164_SIN		0.00	-668.85	258.22	180.76	1.68	-42.17	-2.48	-138.05	16.04	17.90	24.26	-2.38	5.65	3.77	0.33	-2.10

RUN	POINT	Harmonics															
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-235.80	66.21	66.01	17.00	63.34	67.67	10.86	11.38	5.72	26.18	-10.57	-8.94	-11.05	-3.32	0.07	14.89
MRBLD1FB180_SIN		0.00	-499.27	167.17	105.77	-26.42	-21.99	19.91	-119.69	2.88	27.17	75.82	-17.84	-15.95	-12.39	-10.21	2.76
MRBLD1TOR51_COS		-1774.37	181.24	126.32	26.00	-5.66	-13.73	15.41	-0.98	-12.80	3.91	-6.75	-2.23	-2.18	1.78	2.94	1.45
MRBLD1TOR51_SIN		0.00	-401.72	176.83	88.55	8.17	10.07	-15.93	-70.14	-4.00	-0.43	11.71	-1.04	-5.77	-5.36	-2.99	4.31
MRBLD1TOR71_COS		-600.12	222.95	97.59	10.52	4.05	-3.89	24.49	-7.40	-8.68	6.17	-8.33	-1.72	-1.06	1.79	2.51	0.82
MRBLD1TOR71_SIN		0.00	-371.72	150.44	53.46	-8.96	6.55	-13.23	-46.61	-2.59	2.58	16.08	-1.16	-4.22	-3.65	-0.72	2.94
MRBLD1TOR130_COS		-350.52	193.94	103.95	-14.51	12.58	1.49	19.61	0.62	-6.04	2.05	8.79	-3.60	-0.69	-0.45	-1.94	-1.53
MRBLD1TOR130_SIN		0.00	-347.91	94.28	42.37	-13.71	-0.60	-11.00	-44.79	0.55	-4.97	1.93	5.92	2.22	2.34	3.16	-0.74
MRBLD1TOR164_COS		-466.27	88.91	71.94	-29.17	-1.89	-4.60	0.56	-5.93	0.89	2.28	-1.75	-0.47	1.29	-0.19	-1.51	0.85
MRBLD1TOR164_SIN		0.00	-203.24	17.16	-5.07	-13.86	9.24	-4.94	-19.44	0.19	2.37	2.73	-0.98	0.62	1.35	0.07	-0.33
MRFBM1CB26P5_COS		-1039.31	-1995.02	205.39	-71.00	-38.36	12.27	-6.22	11.99	-0.34	-1.55	15.77	-0.29	0.15	0.06	1.57	-1.86
MRFBM1CB26P5_SIN		0.00	-48.50	85.31	-19.31	-5.28	-9.04	-14.52	-8.32	2.85	-5.73	-12.68	1.31	-1.00	0.49	-0.48	0.10
MRFBM1FB9_COS		358.40	864.85	-227.09	-134.75	24.46	27.06	13.89	-13.27	2.33	1.48	-4.03	1.08	0.26	0.08	-0.15	0.73
MRFBM1FB9_SIN		0.00	80.64	-236.67	-155.37	-35.27	-11.82	6.13	18.04	2.44	3.85	2.48	0.26	0.53	0.02	0.21	-1.41
MRFBM1TOR26P5_COS		-110.49	77.39	5.51	-0.66	0.00	0.02	0.29	0.05	-0.10	0.02	-0.25	0.14	-0.02	-0.02	0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-267.15	2.67	0.28	-0.23	-0.01	-0.21	-0.28	-0.02	0.18	0.12	-0.14	-0.06	-0.08	-0.12	-0.04

RUN	POINT	Harmonics															
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		0.98	-2528.25	308.65	-70.24	-71.66	-23.08	-82.11	43.88	22.33	-16.82	14.08	-4.82	-2.65	0.68	-6.55	-0.86
MRPC1CB33P25_SIN		0.00	866.54	-18.02	56.14	135.82	-38.49	-13.48	-97.99	17.14	-4.81	-76.01	19.92	8.66	3.48	0.18	22.57
MRPC1FB33P25_COS		1704.67	677.09	8.77	601.53	-118.63	-120.73	-143.35	121.70	-47.54	-33.40	115.50	-15.70	-1.01	8.57	5.51	4.58
MRPC1FB33P25_SIN		0.00	54.69	386.41	366.07	211.77	166.08	-5.40	-343.90	-39.77	-101.03	-103.75	20.15	-3.73	5.36	-3.34	44.56
MRPC1TOR25P5_COS		-37.39	-139.28	-159.52	8.61	0.49	16.75	-21.03	6.67	15.32	-0.70	18.96	0.97	2.95	-1.56	-5.04	-2.88
MRPC1TOR25P5_SIN		0.00	156.33	-180.79	-83.78	4.68	-9.71	21.43	63.45	3.09	-5.16	-19.23	8.68	11.09	9.49	8.94	1.18
MRPLK1LOAD_COS		41.32	-23.24	-20.69	-0.27	-1.40	3.28	-3.74	1.21	2.91	-0.11	2.90	-0.59	0.46	0.03	-0.90	-0.72
MRPLK1LOAD_SIN		0.00	24.91	-24.93	-14.60	-0.14	-1.49	2.65	9.23	0.67	-0.74	-2.07	1.06	1.57	1.54	1.50	0.31
PITCHRH_COS		-5297.53	-9182.48	545.53	117.74	-19.16	-630.70	88.74	-91.96	96.66	-81.44	-87.79	0.30	51.01	11.29	-5.02	-146.48
PITCHRH_SIN		0.00	1589.85	-1339.52	-200.60	-111.42	772.90	-5.28	23.14	233.85	-50.26	-246.68	29.47	-17.70	21.06	10.21	109.00
ROLLRH_COS		1064.72	-1866.20	1421.77	46.84	-83.93	-1634.88	-5.06	38.99	-214.31	89.90	169.86	-25.37	43.08	-21.76	26.16	8.82
ROLLRH_SIN		0.00	-9236.94	623.25	219.50	105.22	722.80	11.29	-16.97	-31.80	-56.45	23.42	1.55	8.28	16.32	-25.62	114.74
TORQ_COS		100636.34	273.18	65.36	251.94	11.54	-88.22	6.38	-43.77	-6.09	-1.91	-33.11	-4.82	2.69	-1.20	-4.28	5.22
TORQ_SIN		0.00	1148.37	-61.82	72.44	-124.32	59.18	6.47	20.08	-14.25	-7.31	64.57	0.69	-6.73	3.99	-3.04	-2.08
THRUST_COS		5003.24	-93.44	21.01	38.27	-5.44	55.75	3.30	-1.79	-2.06	-3.76	-26.53	-4.40	-2.52	-1.44	2.39	-12.64
THRUST_SIN		0.00	-184.10	-16.45	-30.14	20.05	-97.52	7.46	20.03	-1.66	2.38	55.26	0.00	-0.24	-0.53	2.87	-20.05

RUN	POINT	Harmonics															
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-128.64	56.36	-39.26	8.13	27.08	31.43	5.09	-0.64	3.46	-3.10	-5.03	0.94	-1.84	0.46	-0.82	0.33
SIDERH_SIN		0.00	228.92	-23.31	-1.01	-33.87	-108.97	-7.49	1.14	0.60	3.17	-4.75	0.01	-0.33	-0.36	0.62	-3.33
DRAGRH_COS		-255.03	239.61	14.91	-5.56	0.22	18.34	-34.63	-1.07	-4.53	3.93	3.36	-0.17	-2.02	-0.89	0.41	7.89
DRAGRH_SIN		0.00	-44.28	30.53	-3.35	3.13	2.16	7.67	-1.62	-8.00	4.93	5.27	-1.74	3.21	-0.81	0.22	-7.59

RUN	POINT	Harmonics															
54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.73	-0.03	-5.82	-1.20	-1.91	-0.61	0.21	-0.07	0.20	0.02	0.20	0.14	0.10	-0.01	-0.03	-0.03
ACT1FORCE_SIN		0.00	13.57	-0.41	-1.93	2.17	-0.26	0.07	-0.13	0.31	0.23	-0.18	-0.15	0.06	0.14	0.06	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		91.24	-11.43	51.58	15.51	14.67	5.96	-0.03	0.03	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-103.09	1.75	23.58	-22.53	2.40	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		715.25	11.73	-51.95	-15.72	-14.45	-6.07	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	103.63	-1.46	-23.72	22.73	-2.31	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS		-653.18	330.35	661.41	1.85	-221.77	-145.02	-42.99	-116.44	15.30	-20.98	-19.46	51.72	-2.64	-12.72	7.15	-14.37
MRBLD1CB42P75_SIN		0.00	3045.91	-138.32	26.83	271.59	-118.87	-32.46	29.53	-6.21	20.97	-49.07	-20.48	22.84	19.49	-9.10	42.23

RUN	POINT	Harmonics															
54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4420.31	-31.54	576.10	-169.06	-155.58	-138.60	-121.13	-73.02	15.22	-20.85	7.98	35.65	-0.35	-1.30	2.95	0.26
MRBLD1CB70_SIN		0.00	2267.01	-147.45	116.70	440.65	-119.92	64.57	43.75	0.59	15.75	-9.22	-22.58	9.61	11.49	-11.79	52.32
MRBLD1CB120_COS		-224.84	-284.27	479.01	-88.44	-53.09	-90.32	-150.37	-15.64	8.54	9.94	0.84	-27.84	1.45	5.01	3.23	-5.26
MRBLD1CB120_SIN		0.00	1355.43	-83.30	109.14	538.34	-85.21	130.67	31.20	-52.52	-20.29	34.36	16.99	-2.03	-2.07	3.20	1.98
MRBLD1CB164_COS		-2043.70	-164.59	128.28	-5.65	-16.74	-61.83	-80.78	45.66	0.58	8.27	-17.83	-26.68	2.20	-4.39	-5.71	1.98
MRBLD1CB164_SIN		0.00	419.89	-14.67	80.09	211.86	-19.36	77.14	0.50	-38.31	-21.17	10.05	25.31	0.95	-1.78	10.22	-30.64
MRBLD1FB42P75_COS		2725.40	-118.12	47.24	785.88	14.80	-126.54	-46.68	-284.38	-97.02	-52.11	-108.83	28.79	19.02	3.27	13.17	48.44
MRBLD1FB42P75_SIN		0.00	-518.36	275.77	512.99	729.94	20.56	-56.42	143.14	-118.50	-71.70	-42.87	-39.73	16.79	5.36	-52.67	58.59
MRBLD1FB70_COS		674.49	92.58	-13.41	234.93	-16.36	-35.56	-10.82	-38.23	-4.87	2.31	2.57	0.62	-0.93	-0.02	-3.87	-9.11
MRBLD1FB70_SIN		0.00	-216.61	118.25	134.05	218.35	-14.04	-14.43	34.84	-5.45	5.00	6.43	4.22	2.18	1.87	9.90	-13.14
MRBLD1FB87_COS		88.01	97.56	-73.57	124.02	-21.81	-14.62	-5.26	25.97	15.30	11.50	26.61	-5.13	-3.10	0.33	-1.29	-9.58
MRBLD1FB87_SIN		0.00	-306.74	92.26	81.14	86.73	-7.57	-2.73	-14.29	15.30	12.71	10.62	12.34	-2.72	-0.63	13.34	-9.65
MRBLD1FB120_COS		-334.06	104.93	-164.78	75.75	-2.10	-15.02	-15.79	51.02	-1.87	-12.67	-14.79	-3.62	-2.30	-1.56	2.56	14.17
MRBLD1FB120_SIN		0.00	-492.15	100.58	179.79	-21.83	44.64	17.44	-40.97	14.61	-8.33	-14.25	-14.24	-5.14	-5.62	-20.73	14.53
MRBLD1FB164_COS		365.35	23.69	-107.01	57.62	24.46	32.13	65.05	-68.27	-12.36	24.43	25.46	-6.99	-1.34	2.10	-3.81	-8.66
MRBLD1FB164_SIN		0.00	-400.26	129.94	333.46	-95.33	-19.67	-41.33	57.84	-20.56	7.40	20.49	11.23	-5.25	-2.34	10.29	-6.28

RUN	POINT	Harmonics															
54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		284.03	-102.49	-26.08	0.19	40.25	15.31	32.68	-44.03	4.29	18.17	51.05	-19.29	-16.20	-8.11	7.33	19.44
MRBLD1FB180_SIN		0.00	-230.91	102.80	176.82	-60.28	0.79	-58.35	34.01	8.31	33.29	17.52	2.35	-23.02	-15.81	-24.89	16.53
MRBLD1TOR51_COS		-1069.19	155.32	-14.65	36.35	4.49	-12.72	-2.37	-47.23	0.53	2.81	6.07	-2.15	0.94	1.14	7.24	1.31
MRBLD1TOR51_SIN		0.00	256.96	116.68	64.78	49.81	26.44	-67.59	14.85	-0.53	10.02	4.18	-4.83	-7.27	-5.04	-7.34	5.88
MRBLD1TOR71_COS		49.70	149.51	-53.21	21.04	19.90	1.89	5.60	-27.89	1.49	4.15	7.58	-6.64	1.67	1.56	3.88	0.84
MRBLD1TOR71_SIN		0.00	221.66	97.84	19.91	5.36	30.27	-54.84	14.72	7.72	12.37	8.23	-1.91	-6.16	-3.52	-2.07	3.55
MRBLD1TOR130_COS		308.38	133.65	-51.00	-9.43	29.57	9.68	7.82	-27.15	2.72	6.21	1.67	-1.77	-0.22	-1.62	-4.67	-1.23
MRBLD1TOR130_SIN		0.00	265.00	49.69	2.46	-28.40	25.01	-33.91	8.57	-1.02	4.24	-2.43	3.76	4.20	2.70	5.36	-1.63
MRBLD1TOR164_COS		-21.24	80.91	-29.73	-15.40	9.80	-1.48	5.29	-6.26	-2.17	3.88	6.22	-3.25	-0.25	0.76	0.22	-2.43
MRBLD1TOR164_SIN		0.00	237.68	13.20	-59.51	0.42	7.90	-17.65	6.00	5.19	1.72	0.30	0.18	-0.38	-0.28	2.74	1.28
MRFBM1CB26P5_COS		-821.72	-58.97	337.72	30.17	-47.73	-19.38	25.25	-10.17	-1.64	1.68	-6.51	3.15	0.62	-0.97	3.95	-3.79
MRFBM1CB26P5_SIN		0.00	1785.86	109.49	-113.25	-56.74	-21.69	-33.89	-11.36	-8.47	-4.07	-14.72	0.60	2.04	-0.59	-0.06	-0.68
MRFBM1FB9_COS		957.35	-1094.31	-160.93	-115.03	47.49	20.82	9.03	18.30	-0.49	0.63	0.31	-1.92	0.61	0.29	-1.63	2.15
MRFBM1FB9_SIN		0.00	-503.40	-136.19	-211.52	-91.50	7.91	16.07	4.93	6.35	2.83	4.48	-0.18	-0.60	0.04	-0.10	-2.12
MRFBM1TOR26P5_COS		-103.10	79.03	2.58	0.22	-0.72	0.05	0.04	-0.17	-0.03	-0.12	-0.02	0.19	-0.06	0.00	0.08	0.11
MRFBM1TOR26P5_SIN		0.00	-260.38	4.45	0.80	-0.57	0.45	-2.25	0.08	0.03	0.07	0.20	-0.12	-0.14	-0.07	-0.22	-0.06

RUN	POINT	Harmonics															
54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		107.17	549.14	516.20	88.70	-156.37	-125.96	-32.04	-94.35	9.15	-7.45	-27.62	35.45	1.86	-7.60	10.94	-15.68
MRPC1CB33P25_SIN		0.00	2259.45	-202.53	-18.94	168.51	-66.84	-28.56	24.81	-32.94	-0.46	-44.71	-18.24	16.91	13.54	-10.48	38.17
MRPC1FB33P25_COS		1992.14	-104.04	-61.06	596.60	-144.76	-112.13	-17.86	-281.19	-17.78	5.06	-50.75	49.80	4.81	-1.54	52.84	-26.19
MRPC1FB33P25_SIN		0.00	-282.29	199.51	560.39	623.80	-21.12	-52.18	-14.23	-145.91	-85.36	-98.60	-10.39	26.16	5.18	-17.53	80.13
MRPC1TOR25P5_COS		-762.89	-58.81	-9.81	-1.64	-20.09	18.58	6.18	37.92	1.83	4.48	-5.24	4.02	0.77	-1.31	-7.66	-6.91
MRPC1TOR25P5_SIN		0.00	-502.93	-125.18	-55.50	-26.89	-37.23	84.99	-15.44	-5.75	-14.32	-10.60	9.53	14.65	9.03	16.09	2.70
MRPLK1LOAD_COS		-54.94	-11.49	-0.93	-1.61	-4.27	3.52	-0.38	5.91	1.41	0.88	-0.44	-0.46	0.32	-0.03	-1.53	-1.43
MRPLK1LOAD_SIN		0.00	-57.14	-17.93	-11.48	-4.22	-5.08	12.61	-2.15	-0.38	-1.45	-1.37	1.03	2.22	1.58	3.08	0.50
PITCHRH_COS		28893.45	-9423.86	-920.48	233.27	-11.80	-82.27	-144.70	-137.46	107.33	-51.50	280.58	-34.71	32.01	41.62	-53.89	-92.60
PITCHRH_SIN		0.00	1617.02	-1045.25	32.30	18.06	806.25	-169.14	17.06	159.01	-89.22	-226.65	49.68	-50.82	45.90	60.11	4.17
ROLLRH_COS		11644.82	-1431.81	1189.10	-324.87	45.51	-3371.65	31.95	7.73	-152.15	284.78	109.98	-20.86	101.41	-73.28	14.21	175.27
ROLLRH_SIN		0.00	-9438.96	-745.84	79.04	281.61	602.62	-217.49	-165.10	81.01	-24.86	-73.01	-43.13	-24.02	-64.25	61.45	324.56
TORQ_COS		108567.52	469.61	-89.16	47.42	46.24	102.16	12.06	26.87	-3.16	0.40	36.24	-1.96	0.59	-1.69	-2.43	11.51
TORQ_SIN		0.00	704.15	3.58	232.55	-119.84	100.02	9.57	51.85	-14.42	-0.75	46.94	6.31	-6.50	4.47	-2.54	5.45
THRUST_COS		6638.84	-82.84	-31.24	43.42	6.64	46.64	0.39	19.05	-4.89	2.81	27.74	-4.59	-7.25	2.22	-3.01	-7.29
THRUST_SIN		0.00	-178.46	2.59	24.52	27.37	-24.31	5.76	9.81	2.67	6.10	33.16	12.30	2.94	-1.74	7.79	-45.64

RUN	POINT	Harmonics															
54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-113.36	60.49	-18.91	-4.73	-24.53	91.15	2.13	0.29	2.06	-11.91	-4.90	-0.18	-3.78	2.03	-0.54	-4.19
SIDERH_SIN		0.00	239.02	11.20	0.39	-43.05	-199.61	9.48	1.41	-1.87	2.04	-0.25	3.26	0.92	1.92	-2.06	-9.10
DRAGRH_COS		150.06	239.15	18.57	4.65	7.23	250.67	-13.44	-5.54	-5.83	-1.63	-25.42	3.58	0.07	-1.85	2.37	5.83
DRAGRH_SIN		0.00	-57.83	0.36	-3.75	17.15	324.44	8.01	4.00	-6.00	8.38	5.06	-1.61	3.54	-2.31	-1.13	-3.36

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.50	-2.73	-11.74	-0.37	-1.33	-0.30	0.35	-0.26	-0.14	-0.16	0.16	0.05	0.02	0.09	-0.13	0.02
ACT1FORCE_SIN		0.00	19.54	-2.22	-3.49	1.75	0.10	0.26	0.32	0.19	0.03	-0.31	0.08	-0.10	0.14	0.11	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		433.98	13.54	102.84	3.34	13.83	3.61	-2.28	-0.01	0.02	0.02	0.01	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-138.98	6.69	26.68	-11.71	-5.97	2.91	0.00	0.00	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		371.67	-13.45	-103.04	-3.46	-13.81	-3.61	2.25	0.02	-0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	139.24	-6.55	-26.77	11.66	6.00	-2.91	-0.02	-0.01	-0.01	0.00	0.01	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS		358.50	-2292.00	608.27	-145.38	-77.65	-140.08	-99.69	-3.73	10.24	-28.79	-22.27	-4.35	6.61	-7.98	-5.62	4.27
MRBLD1CB42P75_SIN		0.00	2172.02	53.98	163.40	272.40	-119.35	-4.55	-44.13	18.99	22.94	-107.66	4.75	11.68	13.29	-0.23	26.18

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5006.94	-1736.95	426.68	-214.57	42.31	-192.54	-104.13	-4.53	11.88	-17.12	-35.85	-6.11	8.08	-2.71	-7.03	16.63
MRBLD1CB70_SIN		0.00	1651.34	-75.35	234.35	479.11	-169.76	82.98	-28.10	14.54	24.58	-53.54	1.56	4.65	7.29	-4.06	27.80
MRBLD1CB120_COS		-77.88	-963.27	359.57	-78.71	109.62	-158.61	-77.95	20.57	14.90	9.44	4.61	-3.29	-0.20	5.73	4.95	-1.02
MRBLD1CB120_SIN		0.00	1100.14	-77.31	179.11	550.67	-145.47	123.22	-64.10	-26.65	-33.20	64.78	5.01	1.44	-0.27	-3.67	1.70
MRBLD1CB164_COS		-1994.15	-328.88	78.25	20.77	30.07	-76.82	-35.94	16.22	-2.59	11.60	19.13	2.17	-6.35	0.83	0.05	-11.17
MRBLD1CB164_SIN		0.00	398.80	-18.32	91.10	229.51	-59.47	57.72	-15.07	-32.87	-37.15	51.21	10.91	3.48	-0.41	8.86	-16.21
MRBLD1FB42P75_COS		2505.13	503.73	267.81	725.96	-112.09	-51.75	-102.74	-138.25	-74.76	-109.98	-24.18	-3.31	2.88	4.47	-7.95	42.52
MRBLD1FB42P75_SIN		0.00	-514.43	451.42	414.17	420.88	171.89	-6.74	-218.11	-5.78	-35.54	-118.59	4.86	4.44	1.86	-20.13	7.53
MRBLD1FB70_COS		705.54	95.47	74.38	200.25	-38.44	-19.83	-23.13	-11.28	0.20	-0.89	-0.32	1.74	0.59	0.30	2.24	-7.52
MRBLD1FB70_SIN		0.00	-268.86	177.70	106.18	126.91	24.74	1.81	-33.43	5.58	6.44	2.58	2.19	1.18	0.33	3.71	-2.69
MRBLD1FB87_COS		100.03	114.15	-11.35	102.36	-27.90	-13.83	-2.74	10.96	12.43	22.01	8.90	2.59	0.43	-0.34	2.38	-8.65
MRBLD1FB87_SIN		0.00	-332.61	126.29	55.13	51.74	5.58	0.32	18.53	-0.35	8.27	29.67	-0.18	1.04	0.95	6.34	1.25
MRBLD1FB120_COS		-297.90	134.21	-112.73	97.66	-7.44	-17.40	3.47	14.52	-8.37	-8.48	-8.07	-9.39	-5.29	-1.78	-4.10	13.52
MRBLD1FB120_SIN		0.00	-478.78	131.08	135.94	10.98	10.76	5.08	55.42	-3.66	-9.48	-15.15	-4.11	-5.01	-4.46	-10.19	-2.14
MRBLD1FB164_COS		155.35	130.74	29.74	73.75	102.91	47.15	30.86	-9.09	2.73	12.60	8.45	5.70	2.37	-2.31	-1.66	-7.61
MRBLD1FB164_SIN		0.00	-637.23	227.13	265.77	-43.83	-42.18	-30.14	-76.51	7.36	12.68	23.08	0.33	2.00	2.39	4.66	0.94

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		71.76	-37.24	76.91	-0.11	75.92	47.61	12.30	-11.60	4.95	34.55	18.80	-8.24	-16.85	-8.35	-4.69	16.13
MRBLD1FB180_SIN		0.00	-457.19	161.08	156.87	-48.61	-19.86	-20.66	-71.06	9.50	20.94	62.26	-6.21	-10.94	-9.83	-12.83	-2.28
MRBLD1TOR51_COS		-1452.89	203.51	108.43	17.56	6.27	-6.09	15.71	-21.22	-7.37	2.04	-2.12	-1.74	-3.93	-0.12	1.89	4.57
MRBLD1TOR51_SIN		0.00	-142.69	193.79	98.45	14.84	18.84	-41.49	-39.97	-1.32	4.16	9.78	0.22	-5.11	-5.42	-3.76	3.48
MRBLD1TOR71_COS		-317.67	230.86	63.58	5.83	17.84	6.19	25.24	-17.52	-3.66	5.29	-2.56	-1.72	-2.61	0.37	1.21	2.04
MRBLD1TOR71_SIN		0.00	-150.14	160.94	52.13	-15.45	18.97	-35.32	-24.51	0.66	6.10	15.63	1.03	-4.06	-3.99	-1.39	2.49
MRBLD1TOR130_COS		-58.26	204.37	59.96	-16.51	27.70	10.07	22.59	-10.51	-0.86	-0.06	5.79	-0.73	0.00	-0.60	-2.05	-3.51
MRBLD1TOR130_SIN		0.00	-109.16	93.64	36.65	-30.31	10.96	-26.98	-27.40	0.36	-2.95	0.42	4.88	2.63	2.47	2.83	-0.29
MRBLD1TOR164_COS		-299.41	114.32	32.16	-25.50	1.78	-1.44	6.38	-6.28	0.92	3.83	-0.68	-1.75	0.90	-0.57	-1.24	-1.86
MRBLD1TOR164_SIN		0.00	-17.97	20.91	-25.53	-14.67	10.92	-14.14	-10.17	0.93	1.24	3.96	-0.95	0.09	1.14	-0.59	-0.08
MRFBM1CB26P5_COS		231.32	-1578.97	311.52	-52.02	-53.72	10.02	8.39	0.96	-1.48	-2.85	9.18	1.72	-0.54	-0.42	1.75	-2.19
MRFBM1CB26P5_SIN		0.00	971.47	160.27	-78.94	-55.91	-5.59	-29.19	-9.09	-0.44	-4.02	-13.84	0.38	0.18	-0.05	-0.90	0.23
MRFBM1FB9_COS		1176.33	10.58	-307.63	-110.92	41.05	23.43	12.49	-2.69	2.33	2.80	-2.42	0.60	0.45	0.32	-0.57	0.19
MRFBM1FB9_SIN		0.00	-66.32	-233.68	-188.46	-52.05	-6.22	10.55	13.66	2.74	3.07	3.75	0.33	0.15	-0.03	0.56	-1.77
MRFBM1TOR26P5_COS		-40.74	100.15	5.15	-0.85	-0.51	0.24	0.27	-0.22	-0.16	0.10	-0.05	0.10	-0.05	0.02	0.08	0.12
MRFBM1TOR26P5_SIN		0.00	-320.54	3.33	0.53	-0.14	0.18	-1.17	-0.22	0.06	0.16	0.06	-0.13	-0.05	-0.10	-0.06	-0.07

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		806.01	-1583.55	520.94	-73.95	-64.54	-90.62	-92.82	-4.96	18.55	-17.53	-15.61	-0.84	6.53	-5.24	-1.02	1.82
MRPC1CB33P25_SIN		0.00	1800.33	15.06	100.70	134.00	-57.51	-14.21	-42.31	2.69	-5.37	-79.23	3.59	7.92	10.84	-3.66	22.52
MRPC1FB33P25_COS		1910.41	425.18	87.71	553.64	-172.82	-91.85	-83.09	-23.98	-47.83	-57.08	55.50	-1.37	1.91	-0.26	10.42	16.06
MRPC1FB33P25_SIN		0.00	-235.94	389.64	469.61	336.21	118.29	-37.92	-240.72	-46.40	-87.02	-103.14	3.05	5.68	7.56	-17.19	45.18
MRPC1TOR25P5_COS		-266.19	-111.59	-137.38	14.21	-16.30	8.99	-17.96	22.44	9.97	0.71	9.03	2.48	5.92	-1.47	-4.34	-9.31
MRPC1TOR25P5_SIN		0.00	-175.58	-194.67	-91.56	4.10	-25.16	51.37	37.06	-2.20	-9.96	-16.14	5.89	10.43	9.75	7.39	2.88
MRPLK1LOAD_COS		15.47	-18.99	-19.55	-0.72	-3.15	3.42	-3.70	2.99	2.05	0.45	1.98	-0.22	0.68	-0.21	-1.06	-1.95
MRPLK1LOAD_SIN		0.00	-18.23	-27.75	-15.32	1.40	-3.64	6.31	5.06	0.28	-0.68	-1.71	0.32	1.22	1.71	1.15	0.89
PITCHRH_COS		8216.86	-9202.67	-299.71	53.92	9.89	-650.39	172.24	-33.89	105.60	-94.77	87.74	-20.00	-36.40	68.36	-53.34	-129.88
PITCHRH_SIN		0.00	821.98	-631.20	12.64	-124.06	358.09	210.71	69.52	-65.87	-72.46	-343.78	42.37	-62.31	58.54	9.85	103.73
ROLLRH_COS		4693.02	-1005.71	728.23	-130.74	302.54	-2259.44	-136.76	13.02	-222.13	155.77	166.12	-31.02	-3.30	-55.04	10.97	139.86
ROLLRH_SIN		0.00	-9421.75	-307.35	123.20	52.39	977.11	-27.40	-127.33	-125.21	-74.82	35.40	-40.41	-15.03	30.67	-22.94	51.82
TORQ_COS		130976.89	255.63	4.76	77.30	-45.58	22.18	9.28	12.79	-2.31	-0.15	-10.34	-2.99	1.52	0.79	-5.12	7.90
TORQ_SIN		0.00	1240.81	-67.31	128.29	-126.08	25.47	6.42	35.10	-5.77	-6.19	57.78	5.46	-7.42	5.91	-1.29	-2.03
THRUST_COS		7003.58	-76.64	-3.70	22.93	11.72	34.90	9.79	17.00	-3.67	0.48	0.44	-3.87	0.45	-2.09	1.18	-16.56
THRUST_SIN		0.00	-255.16	21.88	3.50	27.42	-68.90	9.62	2.58	-0.43	1.16	54.47	3.63	-0.84	-0.84	2.63	-14.71

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.70	40.57	-14.22	-2.85	-14.77	38.60	15.37	-1.19	2.35	-5.85	-5.37	0.72	-0.25	1.52	-0.38	-3.73
SIDERH_SIN		0.00	237.89	0.13	2.89	20.37	-156.60	-9.61	4.42	3.22	4.06	-6.26	2.20	-0.24	-0.71	0.31	-1.30
DRAGRH_COS		-135.95	245.33	0.83	2.20	9.36	252.49	-49.47	0.36	0.71	1.79	-13.89	3.11	-0.20	-2.02	2.81	7.32
DRAGRH_SIN		0.00	-43.72	13.23	-1.47	-4.69	161.77	-9.44	-0.13	-4.68	8.88	9.36	-1.43	4.42	-1.59	-0.37	-4.81

RUN	POINT	Harmonics															
54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.99	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-15.52	-7.31	-11.30	0.05	-0.96	-0.29	0.13	-0.30	-0.37	0.00	0.09	0.13	-0.05	0.01	-0.04	-0.13
ACT1FORCE_SIN		0.00	22.10	-1.15	-1.24	1.71	-0.24	0.18	0.61	0.19	0.14	-0.29	-0.07	0.07	0.05	0.12	-0.11
FA1IBCURRENT_COS		-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		389.66	94.22	95.28	-0.34	6.38	5.81	-0.08	-0.01	-0.01	-0.04	0.03	-0.02	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	58.64	1.00	17.56	-9.25	1.44	-0.02	-0.01	-0.01	0.01	0.00	0.01	0.00	-0.01	-0.02	-0.01
FA1OBCURRENT_COS		0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		416.08	-94.42	-95.41	0.39	-6.36	-5.80	0.07	0.01	0.01	0.03	-0.03	0.02	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-58.75	-0.97	-17.66	9.23	-1.44	0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.02	0.01
MRBLD1CB42P75_COS		-757.70	-2445.08	466.90	-107.17	-72.42	-72.49	-66.62	21.02	15.09	-29.65	-11.18	6.85	-4.75	-4.42	-6.62	2.10
MRBLD1CB42P75_SIN		0.00	1205.06	29.86	115.94	211.69	-70.94	1.07	-92.03	26.33	28.40	-91.84	22.30	16.30	7.09	2.25	23.64

RUN	POINT	Harmonics															
54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4417.16	-1756.98	307.81	-145.75	25.89	-127.04	-43.88	-1.03	11.55	-15.65	-33.41	5.36	-0.11	-1.38	-6.96	13.97
MRBLD1CB70_SIN		0.00	879.96	-81.38	154.08	304.47	-97.24	57.63	-51.80	18.68	30.79	-35.41	11.15	11.75	3.63	1.87	27.08
MRBLD1CB120_COS		-314.80	-935.78	233.59	-17.06	90.97	-129.04	-13.85	-10.62	-3.84	11.80	8.19	-8.65	3.39	4.19	3.94	-1.18
MRBLD1CB120_SIN		0.00	659.86	-109.98	119.91	338.51	-61.16	72.44	-47.02	-29.95	-31.85	49.14	-5.16	-1.63	-0.01	-1.16	2.49
MRBLD1CB164_COS		-1977.23	-289.06	42.73	45.06	25.75	-69.34	-4.36	-9.69	-11.35	13.34	29.01	-6.59	1.02	0.69	2.10	-9.40
MRBLD1CB164_SIN		0.00	262.42	-38.89	61.24	147.48	-28.00	28.15	3.91	-38.75	-41.66	35.12	0.18	-1.83	-0.40	3.50	-18.05
MRBLD1FB42P75_COS		2443.43	586.20	198.60	754.21	-11.04	-57.69	-119.63	-123.12	-72.32	-105.71	-19.05	10.55	-6.43	1.18	-3.61	38.53
MRBLD1FB42P75_SIN		0.00	-268.53	390.85	289.13	344.15	230.14	45.35	-274.14	10.25	-38.26	-143.86	23.10	4.81	-2.97	-12.50	15.80
MRBLD1FB70_COS		605.25	103.80	70.78	216.08	-7.99	-16.46	-21.07	-10.79	0.47	-1.47	-0.63	1.68	1.44	0.49	0.89	-6.83
MRBLD1FB70_SIN		0.00	-262.53	165.61	63.68	96.43	42.65	9.93	-44.98	7.41	6.76	2.75	1.34	1.44	1.25	2.51	-4.10
MRBLD1FB87_COS		80.67	125.46	0.48	109.57	-13.99	-13.14	-0.65	9.29	12.23	21.13	6.77	-1.50	2.86	0.27	1.08	-8.33
MRBLD1FB87_SIN		0.00	-306.81	121.43	33.48	37.67	10.01	-2.82	22.61	-3.31	8.15	34.64	-4.59	0.75	2.96	4.98	-0.28
MRBLD1FB120_COS		-282.18	156.47	-90.17	98.66	-13.40	-22.48	4.48	9.91	-8.91	-6.64	-6.89	-6.17	-5.55	-1.14	-1.72	13.29
MRBLD1FB120_SIN		0.00	-412.62	133.08	96.97	26.15	-1.06	-4.56	70.18	-7.57	-10.31	-15.71	-1.64	-5.61	-7.39	-8.82	0.21
MRBLD1FB164_COS		13.09	150.31	65.52	84.18	66.70	55.85	27.96	0.46	7.27	8.10	4.78	4.08	3.51	-3.22	-2.15	-7.19
MRBLD1FB164_SIN		0.00	-632.03	227.34	201.37	-22.29	-47.80	-14.32	-98.33	11.99	17.30	24.03	-2.74	4.23	3.72	2.74	-0.83

RUN	POINT	Harmonics															
54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-70.69	-2.34	94.53	16.12	49.57	57.44	17.99	-11.55	7.16	30.86	11.17	-14.56	-12.79	-7.04	-2.05	15.51
MRBLD1FB180_SIN		0.00	-470.73	151.99	121.16	-36.36	-25.18	1.88	-85.81	3.54	22.32	70.43	-13.84	-12.90	-12.17	-12.36	0.05
MRBLD1TOR51_COS		-1555.09	172.69	149.25	20.64	-0.09	-14.18	9.51	-19.85	-9.06	3.05	-3.66	-3.05	-2.27	0.68	2.37	1.66
MRBLD1TOR51_SIN		0.00	-302.60	171.98	92.25	2.37	5.84	-20.65	-46.33	2.97	0.53	12.05	-2.75	-5.68	-6.27	-2.08	3.77
MRBLD1TOR71_COS		-393.97	203.41	113.36	5.12	7.42	-2.15	18.00	-19.10	-4.61	6.59	-4.49	-3.38	-0.20	1.50	2.19	1.00
MRBLD1TOR71_SIN		0.00	-283.76	145.80	55.48	-19.14	3.29	-17.76	-28.54	3.72	2.92	17.34	-3.63	-3.92	-4.07	-0.69	2.45
MRBLD1TOR130_COS		-141.44	177.38	116.09	-19.72	12.83	3.91	15.42	-12.01	-1.57	1.75	6.84	-2.66	0.94	0.21	-1.45	-1.72
MRBLD1TOR130_SIN		0.00	-256.86	90.37	44.49	-27.89	-2.83	-14.17	-30.86	3.32	-3.58	0.97	3.60	3.40	3.04	1.92	-0.83
MRBLD1TOR164_COS		-322.84	91.11	75.60	-31.18	0.47	-4.42	0.62	-10.27	2.93	4.06	-1.25	-1.91	2.08	0.11	-0.79	0.61
MRBLD1TOR164_SIN		0.00	-141.28	20.90	-8.26	-15.90	6.59	-6.18	-12.70	0.80	1.76	4.10	-2.29	1.06	1.77	-1.50	-0.15
MRFBM1CB26P5_COS		-947.11	-1431.69	235.04	-59.02	-44.40	15.50	-4.00	8.06	0.60	-3.12	10.92	0.48	-0.70	-0.09	1.56	-2.09
MRFBM1CB26P5_SIN		0.00	370.15	107.17	-32.98	-17.90	-7.94	-19.47	-14.36	1.24	-5.10	-15.58	2.00	-0.79	-0.30	-1.20	0.22
MRFBM1FB9_COS		515.14	329.00	-248.75	-134.65	21.41	27.23	12.12	-4.90	2.80	2.48	-2.81	0.82	0.52	0.08	-0.30	0.50
MRFBM1FB9_SIN		0.00	-35.59	-208.09	-155.69	-47.10	-11.99	5.38	15.66	1.96	3.05	3.60	-0.30	0.31	0.16	0.33	-1.57
MRFBM1TOR26P5_COS		-106.86	76.42	4.50	-0.49	-0.08	-0.31	0.28	0.12	-0.22	-0.03	-0.12	0.15	-0.09	-0.04	0.03	0.04
MRFBM1TOR26P5_SIN		0.00	-266.88	2.48	0.63	-0.48	-0.11	-0.49	-0.09	0.10	0.10	0.08	-0.02	-0.12	-0.11	-0.04	-0.03

RUN	POINT	Harmonics															
54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		41.29	-1889.01	385.52	-65.01	-77.71	-39.70	-69.20	10.57	17.29	-19.58	0.65	6.77	-2.16	-2.17	-1.74	0.88
MRPC1CB33P25_SIN		0.00	1171.24	10.27	70.54	143.72	-35.44	-12.98	-85.91	7.79	1.05	-76.89	16.65	10.75	5.72	-0.14	22.03
MRPC1FB33P25_COS		1776.51	484.14	31.80	598.02	-72.30	-111.92	-115.10	10.01	-53.83	-54.64	72.88	-2.99	-5.00	3.24	8.58	7.40
MRPC1FB33P25_SIN		0.00	-17.88	327.87	366.50	293.44	167.10	-1.37	-279.55	-33.59	-86.66	-120.60	24.55	-0.33	1.00	-8.19	47.11
MRPC1TOR25P5_COS		-263.30	-119.42	-183.12	15.08	-5.49	18.38	-12.33	21.42	12.05	0.65	12.39	3.65	5.00	0.03	-3.17	-2.55
MRPC1TOR25P5_SIN		0.00	57.63	-176.19	-88.64	13.81	-5.91	28.16	39.44	-5.50	-5.38	-19.97	8.08	12.77	11.27	4.85	1.53
MRPLK1LOAD_COS		11.16	-19.72	-24.05	0.33	-2.31	3.72	-2.75	2.97	2.85	0.42	1.80	-0.34	1.11	0.44	-0.62	-0.67
MRPLK1LOAD_SIN		0.00	13.38	-24.25	-15.47	1.28	-0.84	3.76	5.62	-0.68	-0.61	-2.08	0.44	2.00	1.96	0.61	0.30
PITCHRH_COS		2843.83	-9237.66	402.75	115.44	-41.71	-348.41	166.04	-134.01	16.59	-76.66	-13.06	7.67	44.13	29.97	-14.40	-150.45
PITCHRH_SIN		0.00	1906.62	-1122.88	-147.55	-81.52	863.53	-5.68	119.84	194.37	-104.16	-210.77	27.56	-23.69	10.44	4.48	132.95
ROLLRH_COS		3013.36	-2037.53	1222.23	47.20	-108.25	-1941.88	-81.50	12.81	-317.05	110.86	195.36	23.86	47.73	-28.26	40.18	67.33
ROLLRH_SIN		0.00	-9266.74	491.85	139.96	102.67	1116.54	-19.45	-87.88	-52.19	-77.95	-29.60	11.39	2.86	16.25	-25.02	162.98
TORQ_COS		103426.29	384.99	29.35	213.77	25.96	-73.89	6.78	-31.38	-8.97	-0.25	-19.57	-4.26	3.50	-0.25	-5.15	5.56
TORQ_SIN		0.00	1084.96	-91.03	85.57	-110.40	54.67	10.15	63.18	-9.84	-4.78	68.58	2.26	-5.20	4.72	-1.42	-1.44
THRUST_COS		5423.01	-124.65	23.00	33.42	-5.37	49.98	1.77	7.29	3.80	-1.78	-13.62	-7.12	2.19	0.25	0.44	-16.63
THRUST_SIN		0.00	-175.18	-6.91	-23.67	21.19	-95.30	9.63	23.89	1.04	1.41	60.38	-0.58	-0.14	-1.71	1.31	-20.57

RUN	POINT	Harmonics															
54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-131.93	66.86	-33.90	6.61	26.68	22.22	9.53	0.08	5.35	-3.87	-6.82	-0.67	-2.07	0.90	-1.12	-1.93
SIDERH_SIN		0.00	229.75	-21.74	-2.64	-26.97	-130.83	-7.05	0.45	0.55	3.30	-4.19	0.95	-0.05	-0.26	0.50	-4.80
DRAGRH_COS		-172.18	237.49	15.26	-2.71	1.93	81.34	-35.16	-5.84	-6.22	3.42	-4.39	0.77	-2.91	-0.18	1.02	7.09
DRAGRH_SIN		0.00	-54.78	27.68	-0.91	3.16	50.48	1.79	-2.00	-7.44	9.33	8.88	-1.19	4.20	-0.15	0.16	-7.74

RUN	POINT	Harmonics															
54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.07	0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	2.98	0.00	0.00	0.00	0.00	0.00	0.05	-0.02	0.02	-0.01	0.00	0.00	0.01	0.00	0.01
ACT1DISP_COS		2.65	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-12.16	-9.64	-14.61	1.32	0.11	-1.09	0.19	-0.45	-0.47	0.29	-0.02	-0.04	0.04	0.03	-0.06	-0.16
ACT1FORCE_SIN		0.00	26.35	-2.06	-2.03	2.24	0.24	-0.47	1.58	-0.37	0.23	-0.32	-0.15	0.06	0.25	-0.03	0.16
FA1IBCURRENT_COS		-0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	-0.03	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		352.66	194.99	109.72	-1.31	-5.53	11.51	0.00	-0.17	0.05	-0.04	0.05	0.01	0.04	-0.01	0.00	-0.07
FA1IBVOLTAGE_SIN		0.00	310.76	2.52	19.12	-10.76	-5.54	-0.01	-0.10	-0.01	0.00	-0.04	-0.04	-0.03	0.01	0.02	-0.02
FA1OBCURRENT_COS		0.02	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.02	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		453.32	-195.91	-109.78	1.86	5.56	-11.58	0.10	0.17	-0.05	0.03	-0.05	-0.01	-0.03	0.01	0.00	0.07
FA1OBVOLTAGE_SIN		0.00	-311.62	-1.80	-19.14	10.68	5.58	-0.01	0.03	0.01	0.00	0.04	0.03	0.03	-0.01	-0.02	0.02
MRBLD1CB42P75_COS		-903.92	-3395.93	408.94	-102.57	-15.99	-17.33	-90.82	88.85	17.17	-29.70	-11.85	-25.13	-11.28	6.02	-12.71	11.19
MRBLD1CB42P75_SIN		0.00	420.38	-16.58	122.71	185.96	-56.87	26.44	-149.06	60.91	24.17	-116.86	48.73	13.97	2.34	13.07	18.09

RUN	POINT	Harmonics															
54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4384.32	-2380.29	186.58	-77.43	84.62	-94.12	-26.12	46.41	10.31	-11.57	-55.13	-16.39	-4.72	4.45	-11.28	22.99
MRBLD1CB70_SIN		0.00	279.81	-118.15	113.25	244.48	-101.07	76.81	-115.92	40.22	28.24	-42.14	32.84	13.83	-0.78	12.06	19.91
MRBLD1CB120_COS		-320.71	-1179.01	104.47	65.49	141.51	-136.76	35.97	-0.41	-13.20	9.31	17.02	5.50	4.27	2.61	3.70	-0.18
MRBLD1CB120_SIN		0.00	357.58	-143.13	45.97	277.62	-76.45	83.80	-114.96	-46.96	-33.38	56.87	-16.27	-2.65	-0.41	-0.90	2.66
MRBLD1CB164_COS		-1953.45	-336.93	-3.19	84.58	42.93	-83.15	28.51	-30.80	-13.78	12.90	56.81	8.11	3.18	-1.71	7.62	-15.68
MRBLD1CB164_SIN		0.00	196.00	-58.32	12.85	130.65	-41.21	23.42	-2.59	-60.43	-41.77	40.00	-13.83	-3.94	-0.34	-3.08	-12.27
MRBLD1FB42P75_COS		2322.89	849.38	360.81	692.31	21.18	-3.51	-155.25	-81.56	-73.79	-118.53	16.38	-0.85	-17.20	9.61	4.94	34.69
MRBLD1FB42P75_SIN		0.00	-153.49	461.80	28.60	281.27	279.38	102.72	-520.08	41.48	-29.47	-228.19	44.54	-4.08	-11.07	7.54	-2.12
MRBLD1FB70_COS		564.25	106.07	128.20	203.62	6.31	-0.83	-28.35	-3.28	1.00	-2.48	-2.45	2.40	2.61	-0.67	-0.24	-6.01
MRBLD1FB70_SIN		0.00	-272.02	181.04	-26.49	78.10	55.09	25.48	-89.92	12.63	7.29	1.98	0.89	2.22	2.26	-1.28	0.05
MRBLD1FB87_COS		69.58	133.91	36.78	105.52	-6.99	-10.79	0.43	3.01	11.62	23.22	-1.28	1.54	5.39	-1.82	-1.07	-7.66
MRBLD1FB87_SIN		0.00	-293.25	130.08	-23.64	32.55	14.08	-1.87	43.75	-8.84	7.43	53.25	-11.49	2.76	5.81	0.54	3.15
MRBLD1FB120_COS		-270.90	170.24	-57.37	105.39	-9.94	-34.25	17.72	-1.70	-8.03	-3.93	-2.10	-7.33	-7.60	1.03	1.36	11.64
MRBLD1FB120_SIN		0.00	-361.32	149.48	13.21	33.56	-12.82	-21.17	132.40	-14.47	-11.36	-18.98	2.35	-8.01	-10.08	-2.10	-5.36
MRBLD1FB164_COS		-106.45	177.30	219.77	72.56	67.06	53.74	13.04	17.75	8.00	0.81	-4.44	9.27	8.10	-6.09	-5.66	-6.44
MRBLD1FB164_SIN		0.00	-767.08	277.12	112.42	-39.23	-54.33	-1.36	-186.54	22.79	21.93	30.43	-9.99	7.50	9.19	-1.15	-0.48

RUN	POINT	Harmonics															
54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-179.70	19.07	207.41	6.50	43.08	72.13	12.46	-7.68	2.92	33.75	-3.50	-8.90	-11.66	-4.79	2.04	14.50
MRBLD1FB180_SIN		0.00	-615.73	177.34	84.14	-55.58	-35.03	33.90	-160.81	-0.63	17.89	105.79	-22.11	-12.33	-12.91	-6.39	-4.73
MRBLD1TOR51_COS		-1703.00	169.13	305.26	-11.08	-10.64	-10.74	0.85	2.06	-24.83	7.86	-8.99	-3.06	-3.39	1.39	2.51	1.66
MRBLD1TOR51_SIN		0.00	-617.23	220.49	102.61	-20.87	4.20	-12.03	-73.05	1.03	-3.28	17.37	0.00	-6.04	-5.80	-0.94	6.71
MRBLD1TOR71_COS		-526.88	214.11	262.43	-25.21	-6.22	-1.40	11.58	-5.98	-18.16	11.08	-10.40	-1.50	-1.59	1.93	3.68	1.07
MRBLD1TOR71_SIN		0.00	-571.05	189.42	76.56	-36.45	-0.62	-13.85	-43.74	0.06	-0.66	23.18	-0.98	-3.78	-4.46	-0.02	4.48
MRBLD1TOR130_COS		-273.94	185.44	262.82	-44.85	-4.00	4.02	8.58	2.63	-12.30	1.68	12.33	-3.44	-0.47	1.20	0.48	-1.20
MRBLD1TOR130_SIN		0.00	-554.55	127.13	78.84	-39.58	-7.48	-13.28	-47.25	6.10	-6.20	-0.66	8.21	3.39	1.51	2.31	-1.73
MRBLD1TOR164_COS		-402.86	90.24	161.55	-46.79	-11.96	-0.84	-6.65	-6.69	1.88	3.54	-3.08	0.35	2.48	0.34	-1.82	2.67
MRBLD1TOR164_SIN		0.00	-360.56	35.24	32.74	-22.57	7.47	-3.07	-20.98	1.99	2.32	4.71	-0.96	2.17	1.52	-0.40	-4.07
MRFBM1CB26P5_COS		-1071.83	-2059.95	242.58	-115.70	-30.73	29.59	-16.14	14.77	-0.25	-3.48	19.91	-0.93	-0.46	0.57	0.90	-1.76
MRFBM1CB26P5_SIN		0.00	-248.77	83.01	32.14	-5.46	1.03	-19.34	-8.34	5.82	-5.99	-19.25	1.61	-2.21	0.20	-0.35	0.19
MRFBM1FB9_COS		259.42	983.77	-334.89	-144.43	10.24	26.15	17.52	-16.51	4.29	2.68	-5.44	2.01	0.13	-0.17	0.38	-0.16
MRFBM1FB9_SIN		0.00	103.21	-256.48	-85.77	-41.51	-17.67	1.54	24.33	1.12	3.49	3.72	0.10	0.91	-0.11	-0.03	-1.20
MRFBM1TOR26P5_COS		-106.85	72.85	7.10	-1.32	0.52	-0.46	0.27	0.03	-0.14	0.01	-0.36	0.13	-0.05	-0.08	-0.03	-0.01
MRFBM1TOR26P5_SIN		0.00	-272.39	3.70	0.59	-0.87	-0.18	0.09	-0.28	-0.10	0.15	0.24	-0.23	-0.13	-0.05	-0.10	0.04

RUN	POINT	Harmonics															
54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-86.94	-2598.82	340.46	-74.40	-40.49	3.61	-92.32	52.50	27.92	-23.80	9.44	-11.20	-8.68	6.28	-8.29	9.07
MRPC1CB33P25_SIN		0.00	697.86	-35.63	87.16	139.56	-31.07	10.30	-130.62	31.31	-1.30	-101.37	36.66	8.20	1.03	10.31	17.67
MRPC1FB33P25_COS		1682.99	701.73	141.45	590.33	-29.20	-81.23	-164.68	140.63	-68.23	-70.08	146.95	-26.19	-6.61	15.69	-3.25	21.87
MRPC1FB33P25_SIN		0.00	99.60	410.41	135.06	247.15	221.49	32.91	-458.87	-6.91	-87.51	-162.22	33.76	-13.34	1.76	11.19	32.04
MRPC1TOR25P5_COS		-111.83	-133.75	-348.64	51.49	11.07	15.74	-6.21	6.06	28.70	-6.52	24.13	2.56	4.92	1.37	-1.63	0.16
MRPC1TOR25P5_SIN		0.00	378.42	-223.81	-109.65	37.71	-0.71	16.71	61.10	0.56	-1.28	-30.65	9.90	12.99	8.92	6.53	-4.76
MRPLK1LOAD_COS		31.50	-22.42	-45.42	5.52	-0.64	3.38	-1.84	1.09	4.69	-0.70	3.88	-0.43	0.82	0.72	-0.07	-0.15
MRPLK1LOAD_SIN		0.00	53.70	-30.27	-17.54	4.43	-0.38	1.70	9.27	0.35	-0.22	-3.66	1.53	2.14	1.30	1.06	-0.83
PITCHRH_COS		-8241.74	-9105.94	823.55	93.20	-101.31	-90.50	67.13	-183.76	-89.92	-90.57	-282.68	42.64	57.05	51.11	-28.72	-128.43
PITCHRH_SIN		0.00	2049.56	-1288.09	-271.12	-124.51	879.24	21.75	-40.37	214.49	-32.54	-165.72	-6.32	19.20	19.48	31.25	134.26
ROLLRH_COS		-305.56	-2297.74	1234.13	141.23	-104.07	-1538.60	-184.68	-10.92	-205.01	100.37	116.14	8.86	69.05	20.74	-3.68	-137.21
ROLLRH_SIN		0.00	-9201.80	1001.06	155.41	108.68	1475.21	-133.22	6.20	-49.58	-82.68	48.42	16.39	28.65	32.48	-86.81	75.18
TORQ_COS		99058.69	274.59	90.70	337.89	1.38	-192.21	10.41	-62.20	-7.13	-5.62	-39.91	-4.67	3.78	-0.19	-4.57	3.96
TORQ_SIN		0.00	1153.08	-49.86	38.26	-101.07	46.93	7.06	1.26	-20.12	-5.99	89.90	-0.90	-6.85	5.29	-2.86	-4.13
THRUST_COS		4730.41	-105.51	29.84	39.70	-5.41	31.85	3.15	-8.30	-2.19	-4.51	-27.37	-11.52	0.57	1.33	1.22	-19.70
THRUST_SIN		0.00	-161.15	-13.61	-42.84	18.57	-119.83	10.13	17.95	3.35	-2.51	77.23	3.48	0.99	-2.23	2.25	-10.27

RUN	POINT	Harmonics															
54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.26	66.17	-31.47	8.61	41.73	-18.95	11.35	2.58	2.66	-2.74	-3.24	-0.44	-2.36	-0.40	-0.19	4.51
SIDERH_SIN		0.00	224.28	-42.49	3.34	-32.50	-150.24	-2.39	-1.02	1.03	3.39	-5.45	-0.12	-0.89	-0.71	2.17	-2.94
DRAGRH_COS		-260.93	238.37	18.58	-5.61	2.97	22.79	-15.76	-5.88	-5.83	4.00	11.04	-0.61	-4.43	-3.01	1.54	6.98
DRAGRH_SIN		0.00	-49.66	42.54	-3.27	-2.79	1.78	-3.44	-4.44	-9.93	7.88	3.85	0.16	3.24	-0.50	1.15	-9.52

RUN	POINT	Harmonics															
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	0.00	0.00	0.00	0.02	-0.01	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-1.99	0.00	0.00	0.00	0.00	0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.76	6.76	-6.86	-2.69	-1.83	-0.23	0.27	0.16	0.01	-0.23	0.06	0.29	0.18	0.02	0.03	-0.11
ACT1FORCE_SIN		0.00	15.34	-0.07	-2.03	1.82	0.52	0.66	-0.33	0.08	-0.14	-0.05	0.06	0.12	0.04	0.07	-0.06
FA1IBCURRENT_COS		-0.01	-0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		414.79	-149.63	45.01	18.24	10.82	-2.26	0.01	0.04	-0.05	-0.01	0.00	-0.01	-0.04	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-432.27	2.54	22.19	-16.69	-4.62	0.19	-0.01	-0.02	-0.03	0.04	0.05	0.03	-0.02	0.02	-0.05
FA1OBCURRENT_COS		0.02	0.06	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		391.15	150.33	-45.19	-18.54	-10.87	2.23	0.04	-0.07	0.02	0.03	0.01	0.00	0.03	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	433.26	-1.37	-22.38	16.40	4.77	-0.09	-0.02	0.00	0.04	-0.03	-0.05	-0.02	0.01	-0.02	0.05
MRBLD1CB42P75_COS		-556.29	-736.55	612.88	-52.73	-151.07	-131.54	-55.85	-85.84	18.30	-27.36	-12.72	44.38	-4.74	-14.10	-0.62	-7.16
MRBLD1CB42P75_SIN		0.00	2492.70	-55.04	109.92	267.35	-120.55	-35.14	-10.25	-14.97	22.64	-70.21	3.51	18.33	12.89	-6.60	32.38

RUN	POINT	Harmonics															
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4478.67	-701.21	495.90	-213.96	-77.42	-134.69	-97.51	-50.49	19.10	-23.74	1.61	30.51	-1.70	-4.83	-3.75	6.60
MRBLD1CB70_SIN		0.00	1853.82	-135.96	200.65	428.59	-155.79	36.13	9.25	-6.13	22.80	-30.50	-2.83	8.46	6.02	-9.55	42.30
MRBLD1CB120_COS		-254.97	-562.78	385.70	-105.49	-6.68	-90.36	-103.22	4.19	8.80	10.26	0.28	-23.09	4.83	6.10	3.99	-4.05
MRBLD1CB120_SIN		0.00	1177.68	-115.97	173.20	502.23	-122.98	86.57	-10.87	-39.48	-31.98	47.79	5.83	-0.99	0.34	-0.06	2.75
MRBLD1CB164_COS		-1995.58	-219.12	105.81	-1.70	-3.91	-51.05	-51.39	37.91	-2.96	14.28	-9.88	-21.73	3.90	-0.04	-1.46	-1.96
MRBLD1CB164_SIN		0.00	353.30	-21.41	110.82	203.04	-42.93	55.74	-5.52	-31.26	-37.67	31.53	10.82	2.16	0.76	9.85	-26.95
MRBLD1FB42P75_COS		2616.10	148.90	12.40	843.88	-69.82	-114.34	-89.92	-250.21	-96.40	-76.30	-69.88	28.46	12.69	0.26	-2.80	43.19
MRBLD1FB42P75_SIN		0.00	-456.12	332.14	522.03	584.08	107.45	-26.74	-7.79	-84.32	-76.73	-50.76	-16.73	16.88	4.15	-35.39	40.17
MRBLD1FB70_COS		656.06	106.08	-3.42	243.71	-35.75	-31.87	-18.89	-32.13	-3.53	0.45	1.77	0.65	-0.37	0.99	0.47	-7.69
MRBLD1FB70_SIN		0.00	-247.65	145.32	146.74	171.33	6.50	-8.38	5.86	-3.18	4.37	3.68	2.62	0.59	0.61	6.67	-9.01
MRBLD1FB87_COS		89.89	115.85	-48.35	121.86	-29.68	-15.21	-2.74	22.64	15.81	16.08	18.85	-6.00	-1.47	0.90	1.55	-9.03
MRBLD1FB87_SIN		0.00	-328.91	112.75	90.37	64.70	-1.89	-3.93	-1.22	10.25	13.63	13.62	6.13	-2.77	-0.01	9.68	-5.56
MRBLD1FB120_COS		-309.76	149.17	-125.93	86.72	-13.62	-12.91	-5.97	39.99	-5.41	-10.91	-13.45	-3.94	-3.91	-2.73	-2.58	13.65
MRBLD1FB120_SIN		0.00	-504.83	123.35	197.72	-7.32	24.97	14.25	-0.59	9.83	-7.08	-12.32	-10.07	-3.49	-5.12	-15.89	8.12
MRBLD1FB164_COS		170.62	121.97	-134.73	83.59	59.83	50.02	49.90	-51.27	-2.14	18.71	19.42	-3.38	-0.43	0.88	-0.83	-8.39
MRBLD1FB164_SIN		0.00	-443.65	165.95	319.94	-57.02	-26.78	-25.23	0.28	-11.90	9.10	17.25	7.03	-2.58	-0.90	7.44	-3.29

RUN	POINT	Harmonics															
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		81.45	-23.10	-67.61	18.79	57.43	35.04	24.22	-38.44	8.59	26.93	36.60	-22.84	-14.28	-8.38	-2.27	17.47
MRBLD1FB180_SIN		0.00	-252.55	117.63	166.07	-43.11	-6.23	-35.45	-8.77	4.25	31.00	27.86	-2.90	-18.49	-12.09	-19.29	8.76
MRBLD1TOR51_COS		-1339.68	168.80	-70.41	66.12	16.81	-12.73	15.78	-40.92	-1.76	-0.71	5.45	-1.45	0.44	0.49	3.49	1.95
MRBLD1TOR51_SIN		0.00	157.10	99.44	63.35	48.07	17.54	-60.06	-14.00	-5.71	7.86	5.44	-4.15	-6.05	-4.70	-6.82	4.53
MRBLD1TOR71_COS		-203.38	176.33	-99.22	48.06	31.00	1.54	23.76	-25.84	-0.13	0.52	5.98	-4.62	1.01	0.72	2.22	1.20
MRBLD1TOR71_SIN		0.00	132.42	80.88	17.22	9.85	20.48	-49.16	-6.45	1.26	10.39	10.16	-2.84	-5.58	-3.18	-2.56	2.83
MRBLD1TOR130_COS		50.11	155.62	-94.87	14.44	42.49	8.29	21.53	-21.39	1.42	0.93	3.87	-0.71	-0.96	-1.76	-2.53	-1.71
MRBLD1TOR130_SIN		0.00	174.03	32.25	-4.10	-16.37	15.22	-33.67	-8.86	-4.42	0.92	0.89	4.05	2.63	2.73	4.65	-0.86
MRBLD1TOR164_COS		-206.16	81.86	-52.25	-7.74	16.27	-2.59	8.27	-5.98	-0.75	1.90	3.70	-2.97	-0.99	-0.47	0.37	-1.69
MRBLD1TOR164_SIN		0.00	180.05	-8.32	-61.56	-2.37	7.66	-19.78	-1.95	2.15	2.32	2.13	-0.97	-0.50	0.10	1.77	1.18
MRFBM1CB26P5_COS		-821.26	-586.53	263.72	7.29	-50.27	-9.89	15.36	-7.31	0.09	0.53	-1.98	2.35	-0.16	-0.96	2.84	-3.33
MRFBM1CB26P5_SIN		0.00	1277.40	115.59	-97.60	-45.21	-9.80	-25.96	-10.30	-5.96	-4.26	-11.76	1.40	1.48	-0.30	-0.70	-0.68
MRFBM1FB9_COS		859.50	-592.09	-140.24	-129.30	47.71	23.76	9.21	10.29	-0.04	0.84	-0.52	-0.98	0.86	0.38	-1.10	1.49
MRFBM1FB9_SIN		0.00	-274.88	-156.18	-218.13	-70.83	1.98	14.75	9.75	5.56	3.11	3.73	-0.66	-0.22	0.20	0.39	-1.89
MRFBM1TOR26P5_COS		-105.66	81.72	2.20	0.01	-0.26	0.02	0.30	-0.42	-0.11	0.11	-0.04	0.15	0.03	0.05	0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-259.09	2.61	0.36	0.16	0.21	-1.56	-0.14	0.14	0.11	0.02	-0.11	-0.06	-0.06	-0.14	-0.07

RUN	POINT	Harmonics															
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		237.22	-381.17	520.59	52.30	-108.27	-108.91	-48.44	-71.89	11.45	-14.90	-18.63	30.53	-0.26	-9.44	3.95	-9.02
MRPC1CB33P25_SIN		0.00	1995.21	-89.59	44.52	158.32	-62.01	-30.02	-13.37	-31.32	-4.11	-53.19	-0.76	13.14	9.30	-7.84	29.15
MRPC1FB33P25_COS		1908.71	122.42	-99.87	637.36	-181.55	-125.90	-66.60	-195.00	-30.53	-10.67	-17.11	35.83	-2.02	-4.51	28.12	-11.79
MRPC1FB33P25_SIN		0.00	-209.17	248.01	580.35	482.85	49.70	-45.38	-120.33	-119.23	-100.14	-82.06	8.16	21.93	2.30	-22.08	64.28
MRPC1TOR25P5_COS		-483.18	-83.51	49.29	-34.44	-31.70	16.82	-17.15	36.20	4.31	5.05	-2.09	4.39	-1.00	-3.10	-3.39	-5.87
MRPC1TOR25P5_SIN		0.00	-404.65	-105.49	-49.96	-29.97	-25.01	73.47	12.87	-1.38	-13.40	-9.37	10.06	11.82	7.93	12.80	2.85
MRPLK1LOAD_COS		-18.41	-14.69	6.56	-6.34	-5.79	3.59	-3.47	5.89	1.77	0.37	0.03	-0.14	-0.31	-0.55	-0.66	-1.30
MRPLK1LOAD_SIN		0.00	-46.04	-15.33	-10.35	-4.92	-3.32	10.46	1.72	-0.09	-1.31	-0.66	1.03	1.44	1.32	2.32	0.69
PITCHRH_COS		19510.04	-9280.99	-396.78	186.28	13.93	-538.20	-44.88	-127.76	48.97	-62.23	252.70	-41.17	26.71	-15.35	-21.77	-123.44
PITCHRH_SIN		0.00	1712.12	-1220.27	-60.27	-2.70	690.19	-11.72	87.23	92.09	-111.24	-360.12	46.43	-80.77	26.43	17.34	78.81
ROLLRH_COS		7950.65	-1792.68	1394.41	-169.88	137.59	-2917.33	-181.59	37.36	-123.71	240.62	214.83	-6.04	48.26	-101.56	51.73	230.75
ROLLRH_SIN		0.00	-9381.20	-328.30	140.14	274.74	557.26	-165.25	-168.66	-49.26	-43.95	37.49	-52.65	-39.63	34.75	3.11	218.81
TORQ_COS		108039.66	475.13	-68.37	125.75	-1.82	64.63	12.82	31.70	-5.19	2.87	23.45	-4.68	1.01	-1.79	-4.92	10.99
TORQ_SIN		0.00	856.71	-49.38	113.98	-119.10	70.11	14.30	39.54	-7.26	-3.57	44.35	3.87	-3.79	4.33	-2.85	3.69
THRUST_COS		6312.98	-103.21	-20.83	31.87	11.13	48.92	9.01	19.49	-1.07	-4.50	14.41	-4.11	-2.84	-2.06	4.23	-13.61
THRUST_SIN		0.00	-159.81	-15.54	-2.91	25.35	-39.54	10.42	9.23	-3.30	5.86	42.88	0.80	1.61	0.34	1.87	-30.00

RUN	POINT	Harmonics															
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-128.01	59.88	-29.86	-0.65	-38.10	81.24	13.47	-2.11	0.71	-10.71	-9.05	-0.19	-1.97	2.79	-1.64	-6.35
SIDERH_SIN		0.00	235.29	11.69	-4.72	-25.28	-152.88	5.64	4.32	1.01	2.45	-5.74	3.20	0.72	-0.93	-0.21	-6.13
DRAGRH_COS		7.01	238.84	19.00	-0.71	13.20	217.12	-19.38	1.94	-0.78	-1.57	-22.25	5.09	-1.94	0.87	2.24	7.09
DRAGRH_SIN		0.00	-52.79	3.49	-0.90	14.43	230.05	-8.76	5.27	-6.63	10.92	10.80	-1.68	4.96	-0.35	-0.71	-4.74

RUN	POINT	Harmonics															
54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.06	-0.01	-0.01	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	-2.85	0.00	-0.01	0.00	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	0.00	0.01	-0.01	0.01
ACT1DISP_COS		2.65	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.21	8.00	-5.31	-3.52	-1.93	-0.10	0.28	0.18	-0.04	-0.35	-0.08	0.27	0.25	0.02	-0.01	-0.11
ACT1FORCE_SIN		0.00	13.52	0.94	-1.89	1.93	0.61	0.42	-0.35	0.13	-0.08	-0.01	-0.10	0.12	0.09	-0.09	-0.03
FA1IBCURRENT_COS		-0.01	-0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		422.13	-204.27	31.21	16.74	9.48	-3.96	0.12	-0.04	-0.07	0.01	-0.04	0.03	-0.03	-0.01	0.03	-0.05
FA1IBVOLTAGE_SIN		0.00	-507.59	-3.10	22.08	-15.43	-5.52	0.26	0.03	-0.04	-0.03	0.03	0.04	0.05	-0.02	0.03	-0.03
FA1OBCURRENT_COS		0.02	0.08	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		384.43	204.92	-31.94	-17.05	-9.49	3.93	0.03	0.00	0.00	0.00	0.06	-0.03	0.04	0.01	-0.03	0.06
FA1OBVOLTAGE_SIN		0.00	508.95	5.49	-22.32	14.52	5.73	0.10	-0.07	-0.03	0.05	-0.01	-0.04	-0.06	0.02	-0.03	0.03
MRBLD1CB42P75_COS		-541.38	-41.28	617.39	-23.58	-190.27	-198.68	-62.10	-103.01	23.31	-19.28	-28.21	49.39	0.55	-11.15	5.42	0.08
MRBLD1CB42P75_SIN		0.00	2942.90	-165.57	100.57	302.43	-114.72	-33.99	9.80	-22.57	19.28	-40.10	-34.44	26.89	21.04	-4.99	44.19

RUN	POINT	Harmonics															
54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4462.46	-263.80	557.47	-232.39	-86.72	-216.66	-84.13	-63.80	26.48	-20.59	9.00	30.48	1.99	-1.12	1.85	18.61
MRBLD1CB70_SIN		0.00	2223.31	-207.24	211.54	532.81	-134.65	68.23	26.82	-10.01	15.99	-9.75	-30.16	14.15	11.27	-10.12	47.34
MRBLD1CB120_COS		-269.49	-393.32	454.90	-144.78	10.60	-153.92	-72.68	-9.38	-0.58	4.98	0.55	-21.30	5.64	8.07	4.37	-4.73
MRBLD1CB120_SIN		0.00	1391.85	-146.20	187.56	618.76	-100.81	145.80	-4.59	-53.66	-29.84	34.07	26.45	-3.12	-1.58	-1.77	3.10
MRBLD1CB164_COS		-2014.23	-183.92	139.81	-22.34	11.33	-73.97	-34.85	41.04	-10.46	7.20	-23.23	-17.65	5.14	-1.51	-2.67	-8.20
MRBLD1CB164_SIN		0.00	396.57	-19.25	132.56	242.12	-29.42	97.37	-11.27	-38.69	-32.86	14.79	32.47	-1.28	-1.78	9.97	-29.74
MRBLD1FB42P75_COS		2693.85	-23.31	-77.94	855.35	-55.31	-132.88	-99.81	-297.76	-136.90	-69.40	-121.82	27.06	25.83	2.57	0.28	65.82
MRBLD1FB42P75_SIN		0.00	-520.32	305.12	620.63	599.53	69.86	-62.65	53.53	-112.26	-77.89	2.20	-50.82	18.58	9.85	-40.78	40.43
MRBLD1FB70_COS		678.05	99.44	-40.44	243.68	-35.77	-42.25	-22.56	-39.28	-7.74	2.07	3.67	0.51	-1.25	0.50	-0.35	-12.53
MRBLD1FB70_SIN		0.00	-238.20	132.89	183.04	181.71	-1.14	-14.04	16.22	-6.78	2.69	4.68	2.83	0.54	0.07	7.74	-10.07
MRBLD1FB87_COS		100.22	104.11	-72.38	120.36	-30.29	-17.48	-3.61	26.94	21.03	15.55	30.52	-3.35	-3.74	1.45	2.05	-12.52
MRBLD1FB87_SIN		0.00	-332.93	108.72	114.98	67.90	-3.35	-2.47	-6.97	13.44	12.82	0.03	14.49	-4.03	-2.01	10.63	-5.32
MRBLD1FB120_COS		-303.52	132.02	-153.37	87.05	-12.72	-3.63	-2.60	53.18	1.69	-14.22	-19.23	-5.82	-3.70	-4.09	-3.74	18.44
MRBLD1FB120_SIN		0.00	-528.52	119.13	235.69	-16.90	34.11	22.41	-13.73	17.67	-3.04	-8.75	-12.79	-1.77	-3.06	-17.68	7.68
MRBLD1FB164_COS		236.83	98.57	-227.56	103.19	57.39	56.09	50.31	-72.09	-17.50	24.48	31.12	-4.00	-2.74	1.69	-0.55	-11.09
MRBLD1FB164_SIN		0.00	-384.41	137.97	363.50	-41.59	-24.82	-36.36	16.22	-22.66	2.05	9.69	13.80	-5.63	-3.77	8.57	-1.26

RUN	POINT	Harmonics															
54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		138.38	-38.84	-137.50	32.20	62.10	32.43	16.98	-52.89	5.00	29.23	57.90	-20.77	-20.56	-12.48	-3.01	25.05
MRBLD1FB180_SIN		0.00	-183.11	100.31	180.72	-30.44	0.01	-50.81	-3.63	0.28	30.75	-0.68	8.85	-18.98	-9.26	-21.19	8.32
MRBLD1TOR51_COS		-1273.13	177.48	-136.11	78.90	20.86	-9.63	1.91	-53.62	-3.06	-0.09	9.57	-2.60	0.60	-1.25	2.71	4.86
MRBLD1TOR51_SIN		0.00	291.64	75.71	61.59	64.40	9.18	-71.08	-12.48	-7.74	10.71	3.43	-4.81	-7.51	-3.77	-7.68	5.21
MRBLD1TOR71_COS		-143.00	175.37	-162.76	60.07	35.38	7.69	11.63	-33.71	-0.60	0.77	11.52	-6.54	0.77	-0.18	1.34	2.52
MRBLD1TOR71_SIN		0.00	252.42	62.10	10.68	20.32	13.91	-58.98	-7.03	1.80	13.33	6.88	-0.69	-6.75	-2.51	-3.54	3.18
MRBLD1TOR130_COS		110.66	156.68	-159.11	27.04	47.52	13.58	13.36	-29.59	-0.14	2.40	0.05	0.70	-0.23	-0.36	-2.41	-3.03
MRBLD1TOR130_SIN		0.00	296.56	16.37	-15.21	-9.84	10.57	-40.74	-8.52	-6.51	2.84	-1.22	3.71	4.25	3.43	4.75	-0.59
MRBLD1TOR164_COS		-170.38	86.75	-87.78	-0.56	20.34	-3.27	5.69	-7.07	-2.24	2.09	6.04	-2.99	-2.54	0.59	1.50	-3.08
MRBLD1TOR164_SIN		0.00	273.05	-14.21	-78.00	1.07	3.13	-25.61	-0.96	4.00	2.10	-0.72	1.03	0.08	0.10	1.76	2.29
MRFBM1CB26P5_COS		-768.49	-274.86	291.14	29.33	-65.50	-12.78	10.72	-7.92	-0.70	1.44	-10.67	3.91	0.70	-1.42	2.74	-4.46
MRFBM1CB26P5_SIN		0.00	1653.57	96.72	-115.78	-64.54	-17.65	-35.76	-12.02	-8.40	-4.05	-10.97	-0.10	2.10	-0.15	-0.85	1.05
MRFBM1FB9_COS		972.17	-910.68	-83.64	-124.42	49.11	25.39	11.29	15.21	0.19	0.49	1.76	-2.32	0.71	0.51	-1.23	1.28
MRFBM1FB9_SIN		0.00	-369.50	-119.13	-246.35	-76.54	6.55	16.25	8.60	7.70	3.03	4.05	0.04	-0.85	0.00	0.13	-2.77
MRFBM1TOR26P5_COS		-104.88	76.84	1.70	0.20	-0.17	0.09	-0.04	-0.54	-0.08	0.07	0.12	0.11	0.00	-0.02	0.02	0.14
MRFBM1TOR26P5_SIN		0.00	-259.19	2.90	0.59	0.68	-0.10	-1.78	-0.06	0.10	0.11	0.12	-0.18	-0.14	-0.08	-0.13	-0.11

RUN	POINT	Harmonics															
54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		231.45	240.63	484.26	97.01	-147.69	-150.35	-57.17	-84.73	8.15	-10.17	-39.22	33.72	3.38	-6.42	8.59	-3.98
MRPC1CB33P25_SIN		0.00	2223.54	-200.20	21.65	150.85	-56.29	-26.44	5.11	-43.32	-3.38	-33.50	-26.43	19.17	15.88	-8.20	41.20
MRPC1FB33P25_COS		1967.11	-19.39	-165.44	631.18	-173.34	-133.48	-59.82	-258.47	-50.66	-5.66	-87.25	55.36	7.15	-6.63	35.40	0.65
MRPC1FB33P25_SIN		0.00	-273.53	213.96	659.64	502.05	14.90	-75.08	-89.66	-160.17	-99.44	-73.14	-19.42	31.81	7.49	-23.52	84.89
MRPC1TOR25P5_COS		-549.89	-88.91	115.44	-48.72	-36.76	11.43	0.16	47.89	4.70	4.76	-12.28	7.12	0.16	1.12	-1.21	-10.03
MRPC1TOR25P5_SIN		0.00	-540.78	-82.96	-47.87	-45.60	-16.89	85.30	12.40	0.02	-17.17	-7.90	9.30	15.39	8.20	13.09	5.27
MRPLK1LOAD_COS		-27.31	-15.41	15.64	-8.40	-6.61	2.89	-1.10	7.66	1.94	0.49	-1.53	0.14	-0.16	0.33	-0.45	-2.02
MRPLK1LOAD_SIN		0.00	-62.94	-12.58	-10.31	-7.02	-2.21	12.37	1.49	0.05	-1.71	-0.88	1.22	2.33	1.44	2.23	1.23
PITCHRH_COS		25262.59	-8830.80	-313.88	74.44	-98.87	-847.83	-163.27	-69.21	164.53	-48.75	266.87	-0.24	4.42	23.01	-15.47	-96.96
PITCHRH_SIN		0.00	1935.10	-1099.80	-124.48	-55.23	197.56	-26.28	114.01	-42.47	-15.84	-454.25	15.27	-72.70	14.87	-2.92	143.50
ROLLRH_COS		9881.41	-1871.50	1286.18	-168.60	-147.18	-2757.91	-154.42	25.72	15.65	213.23	128.10	28.96	28.67	-116.94	104.24	229.48
ROLLRH_SIN		0.00	-9090.73	-209.05	55.73	87.20	842.27	-233.22	-175.50	126.79	-103.23	-81.26	-46.50	-67.09	28.48	24.94	237.39
TORQ_COS		109647.99	356.20	-70.36	167.79	42.21	152.50	16.51	22.67	-6.37	2.69	51.67	-4.52	-1.07	-1.24	-4.37	15.64
TORQ_SIN		0.00	632.15	-37.02	63.92	-45.88	96.98	17.33	54.34	-8.15	-2.97	34.40	4.87	-4.22	5.95	-0.10	2.13
THRUST_COS		6620.49	-11.26	-7.66	36.21	4.05	46.80	11.17	23.97	-2.65	-2.07	35.41	-5.76	-0.84	0.06	-0.65	-23.74
THRUST_SIN		0.00	-102.57	-12.86	-12.65	19.63	-25.86	13.55	14.88	-1.88	4.43	37.31	5.58	4.63	0.74	-0.97	-29.15

RUN	POINT	Harmonics															
54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-120.01	61.76	-22.54	-5.85	20.43	31.94	8.63	-2.73	-2.36	-9.99	-5.75	-1.38	-1.65	3.35	-2.94	-6.31
SIDERH_SIN		0.00	235.22	10.18	-2.84	-52.02	-157.82	13.33	4.14	-2.29	4.72	0.55	2.15	1.91	-0.68	-0.79	-6.71
DRAGRH_COS		87.13	241.95	17.88	-2.42	0.50	377.55	-3.47	-0.91	-1.42	1.54	-25.13	1.35	0.28	-0.65	1.24	6.30
DRAGRH_SIN		0.00	-56.14	4.46	1.92	14.35	234.86	-5.46	8.00	-2.45	5.83	16.51	-1.93	6.37	0.02	-0.33	-8.45

RUN	POINT	Harmonics															
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.99	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.24	-0.78	-11.18	-2.51	0.00	-0.75	0.36	-0.01	-0.31	-0.01	0.09	0.13	-0.12	0.00	0.02	-0.03
ACT1FORCE_SIN		0.00	26.73	0.51	-3.27	1.75	0.37	0.16	0.16	0.12	-0.03	-0.16	0.11	0.00	-0.02	0.03	-0.05
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.03	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		401.52	190.50	73.10	24.96	4.40	8.81	-0.03	-0.04	-0.01	-0.01	0.01	-0.02	-0.02	0.03	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-231.39	-10.51	17.39	-12.32	-4.87	0.03	-0.05	-0.08	-0.03	0.02	0.00	-0.02	-0.02	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		404.17	-190.64	-73.48	-25.16	-4.33	-8.83	-0.03	0.02	0.02	0.00	-0.01	0.02	0.02	-0.03	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	231.95	10.58	-17.58	12.18	4.90	-0.04	0.03	0.07	0.05	-0.02	0.00	0.03	0.02	-0.01	0.01
MRBLD1CB42P75_COS		-679.85	-1761.66	561.65	-88.97	-108.80	-85.93	-59.63	-37.21	15.00	-17.23	-7.51	16.34	-2.16	-3.99	0.41	1.96
MRBLD1CB42P75_SIN		0.00	2040.42	32.29	137.99	243.25	-106.94	-5.22	-64.24	11.22	24.13	-69.28	16.01	11.06	7.58	-1.83	25.51

RUN	POINT	Harmonics															
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4436.33	-1362.28	411.12	-184.42	-38.21	-98.11	-48.60	-33.96	13.11	-6.89	-19.27	12.18	1.52	0.27	-1.26	13.27
MRBLD1CB70_SIN		0.00	1467.36	-62.34	169.08	380.92	-133.91	70.45	-29.30	9.12	26.53	-21.86	6.81	4.35	2.43	-5.17	30.75
MRBLD1CB120_COS		-303.06	-826.63	312.44	-78.50	29.90	-76.75	-32.07	-12.06	2.07	10.17	5.08	-8.69	3.15	4.78	3.65	-1.58
MRBLD1CB120_SIN		0.00	928.34	-93.17	134.63	424.36	-87.95	112.29	-30.68	-34.99	-31.82	37.15	-1.76	0.96	-0.44	-1.33	3.31
MRBLD1CB164_COS		-1992.57	-254.07	66.12	8.86	8.92	-46.62	-16.10	12.15	-6.72	8.61	18.14	-7.33	0.12	-0.28	-1.26	-7.68
MRBLD1CB164_SIN		0.00	321.70	-19.16	69.23	177.48	-27.13	52.63	1.82	-35.53	-40.30	21.65	4.39	2.96	1.45	7.50	-20.62
MRBLD1FB42P75_COS		2494.48	395.16	145.73	694.33	-13.80	-89.61	-105.10	-207.27	-77.98	-92.39	-37.60	15.67	-0.06	1.54	-0.27	44.05
MRBLD1FB42P75_SIN		0.00	-411.31	304.76	399.99	383.27	171.20	25.08	-153.55	-39.19	-57.61	-120.20	10.72	7.71	-6.21	-25.82	20.98
MRBLD1FB70_COS		623.18	105.86	47.93	192.76	-12.27	-24.00	-19.09	-24.95	-0.61	-0.19	0.90	1.61	0.82	0.15	0.26	-8.04
MRBLD1FB70_SIN		0.00	-251.49	142.66	102.28	111.51	25.73	5.65	-21.92	2.47	5.19	3.18	1.83	1.43	1.51	4.57	-5.07
MRBLD1FB87_COS		82.72	130.75	-17.37	93.18	-15.82	-14.10	-1.65	18.39	12.96	18.51	11.05	-2.38	1.69	0.82	0.99	-8.85
MRBLD1FB87_SIN		0.00	-311.60	113.45	56.87	42.42	6.15	-2.93	12.50	4.26	11.16	28.63	-1.45	-0.15	3.03	7.81	-1.50
MRBLD1FB120_COS		-286.62	179.73	-101.11	68.52	-7.99	-16.22	-2.56	28.14	-7.75	-8.68	-9.21	-5.56	-5.75	-1.96	-1.57	14.08
MRBLD1FB120_SIN		0.00	-434.82	136.19	128.29	10.84	13.09	-2.15	38.03	-0.76	-8.82	-15.01	-4.72	-5.64	-7.40	-12.43	2.07
MRBLD1FB164_COS		86.76	69.15	16.91	73.62	48.71	62.41	37.82	-28.75	5.08	13.49	10.39	0.53	1.87	-1.79	-2.76	-8.36
MRBLD1FB164_SIN		0.00	-559.25	145.55	258.56	-23.21	-38.57	-13.10	-55.30	2.75	13.55	23.16	0.26	0.73	3.29	5.68	-1.40

RUN	POINT	Harmonics															
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-3.20	-90.55	55.26	18.59	42.11	54.80	22.38	-30.01	8.32	29.24	20.30	-16.34	-14.02	-7.90	-1.85	17.24
MRBLD1FB180_SIN		0.00	-393.93	88.53	146.65	-30.03	-18.68	-7.36	-53.22	5.54	23.01	55.00	-11.91	-14.36	-12.69	-16.29	1.29
MRBLD1TOR51_COS		-1479.04	63.00	104.19	42.22	-2.74	-13.92	4.00	-30.04	-3.13	-0.04	1.10	-1.28	-2.08	0.42	4.21	3.18
MRBLD1TOR51_SIN		0.00	-151.83	83.44	98.08	21.37	1.66	-28.01	-26.00	2.55	2.57	8.99	-3.27	-5.44	-6.34	-4.33	4.13
MRBLD1TOR71_COS		-327.01	89.94	66.27	29.22	7.28	-1.43	12.68	-21.45	-0.80	1.93	0.68	-2.21	-1.33	0.69	2.64	1.95
MRBLD1TOR71_SIN		0.00	-152.32	64.12	56.31	-5.34	2.63	-23.59	-12.26	6.27	5.19	14.16	-4.14	-4.46	-4.57	-1.84	2.73
MRBLD1TOR130_COS		-73.70	61.58	66.09	6.84	14.36	5.34	12.04	-16.15	1.48	-0.23	7.24	-0.51	-1.40	-0.74	-2.81	-2.03
MRBLD1TOR130_SIN		0.00	-119.74	11.77	40.05	-18.51	-2.02	-16.48	-15.76	3.09	-2.20	0.89	2.29	2.32	2.24	2.67	-1.01
MRBLD1TOR164_COS		-284.74	10.34	44.18	-8.44	2.91	-4.81	0.87	-8.48	1.93	2.53	1.20	-1.13	0.24	0.19	-1.45	-0.79
MRBLD1TOR164_SIN		0.00	-41.94	-23.70	-20.25	-7.45	2.22	-9.04	-4.56	2.27	1.12	3.62	-3.10	-0.49	0.96	-0.30	-0.06
MRFBM1CB26P5_COS		-907.58	-1128.99	253.88	-22.43	-47.72	2.05	0.55	1.45	0.64	-2.11	6.97	0.82	-0.77	-0.17	1.92	-2.08
MRFBM1CB26P5_SIN		0.00	917.62	113.70	-45.63	-35.49	-12.39	-25.34	-13.48	-0.70	-4.42	-14.38	1.60	0.50	-0.07	-0.64	0.11
MRFBM1FB9_COS		657.42	-66.82	-229.72	-108.76	27.45	25.33	12.08	3.35	1.38	1.36	-2.29	0.34	0.57	-0.03	-0.84	0.62
MRFBM1FB9_SIN		0.00	-239.74	-151.99	-176.79	-51.29	-5.20	7.54	13.80	3.61	2.84	3.45	-0.47	0.16	0.16	0.22	-1.91
MRFBM1TOR26P5_COS		-105.89	75.98	3.82	-0.51	-0.32	-0.39	0.28	-0.18	-0.16	0.10	-0.15	0.08	0.03	0.00	0.07	0.07
MRFBM1TOR26P5_SIN		0.00	-264.62	1.96	0.87	-0.28	-0.07	-0.80	-0.21	0.00	0.13	0.04	0.06	-0.03	-0.06	-0.07	-0.03

RUN	POINT	Harmonics															
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		153.66	-1250.74	475.72	-13.43	-77.78	-69.91	-64.13	-33.58	14.82	-12.19	-1.45	14.09	0.66	-1.01	4.18	0.08
MRPC1CB33P25_SIN		0.00	1765.80	-0.27	96.97	146.70	-54.08	-15.27	-61.48	-9.16	-3.62	-61.69	10.44	7.06	5.65	-4.09	23.08
MRPC1FB33P25_COS		1811.44	334.77	7.12	532.77	-85.39	-120.24	-95.93	-104.21	-36.29	-33.32	45.30	9.24	-2.95	5.07	20.84	6.39
MRPC1FB33P25_SIN		0.00	-152.85	248.79	450.06	326.49	109.67	-11.75	-218.37	-75.33	-94.17	-113.57	18.40	6.09	-1.39	-14.36	53.20
MRPC1TOR25P5_COS		-339.49	7.08	-134.35	-11.34	-5.32	19.49	-5.83	27.88	5.84	4.09	6.80	3.38	2.33	-0.16	-5.97	-5.18
MRPC1TOR25P5_SIN		0.00	-86.84	-84.23	-92.10	-5.56	-5.19	37.17	20.86	-6.48	-8.24	-14.73	6.36	9.71	9.61	7.97	1.38
MRPLK1LOAD_COS		0.82	-3.30	-17.65	-3.01	-2.14	4.03	-2.02	4.44	1.97	0.43	1.37	-0.01	0.10	0.11	-1.25	-1.12
MRPLK1LOAD_SIN		0.00	-5.08	-12.32	-16.16	-1.18	-0.61	5.03	3.33	-0.46	-0.90	-1.32	-0.12	1.14	1.45	1.20	0.35
PITCHRH_COS		9409.69	-9315.49	128.03	75.48	-53.10	-309.90	0.62	-127.15	-46.05	-70.74	68.17	29.49	31.97	38.73	-17.64	-107.24
PITCHRH_SIN		0.00	1928.15	-1233.44	-7.34	-12.15	548.40	4.85	43.75	81.65	-51.57	-237.33	26.63	-47.92	-3.73	25.83	99.59
ROLLRH_COS		7728.07	-1964.80	1308.83	-28.95	30.32	-1955.35	-137.63	31.59	72.23	123.15	241.15	-28.89	13.53	-53.44	56.27	109.95
ROLLRH_SIN		0.00	-9378.38	239.50	173.56	212.13	959.77	-122.67	-103.32	-79.54	-44.70	-15.98	-8.42	-24.91	29.71	-30.90	185.44
TORQ_COS		104945.88	450.46	-20.09	159.32	27.52	-17.18	4.54	-3.38	-7.28	0.53	-8.14	-3.81	1.16	-2.08	-4.65	7.50
TORQ_SIN		0.00	985.75	-108.14	47.01	-115.70	110.68	10.55	56.94	-18.73	-6.87	57.90	4.49	-5.83	3.49	-2.43	0.94
THRUST_COS		5761.21	-124.83	7.08	26.81	-1.13	44.13	9.41	18.48	-0.09	-4.19	2.27	-8.67	-5.57	0.14	-1.18	-12.55
THRUST_SIN		0.00	-151.53	-14.22	-18.73	28.16	-73.37	10.93	19.57	-0.40	3.38	55.42	-1.01	1.63	0.34	5.18	-25.97

RUN	POINT	Harmonics															
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-115.63	66.44	-32.49	1.60	-13.92	12.59	9.43	-1.85	-3.44	-4.43	-9.76	0.75	-0.35	1.47	-1.89	-3.10
SIDERH_SIN		0.00	229.33	-7.03	-3.01	-28.40	-148.67	1.86	1.41	3.21	2.22	-4.65	0.40	0.60	-0.84	0.87	-5.21
DRAGRH_COS		-111.19	236.74	20.18	-2.19	8.08	190.32	-12.06	-5.24	-0.99	2.49	-10.97	-0.16	-1.10	-0.41	1.00	5.57
DRAGRH_SIN		0.00	-51.29	19.89	-1.21	9.50	119.95	-0.14	2.05	-6.51	5.71	11.21	-0.08	3.42	0.37	-0.73	-5.98

RUN	POINT	Harmonics															
54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	1.99	-0.01	0.00	0.00	0.00	0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.04	0.00	0.00	0.00	0.00	-0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.81	2.62	-11.33	-4.17	0.68	-1.12	0.48	-0.01	-0.22	-0.04	0.03	0.17	-0.12	0.06	0.00	-0.02
ACT1FORCE_SIN		0.00	28.00	3.31	-3.00	1.32	0.50	-0.18	0.00	0.29	-0.16	-0.05	-0.08	0.00	-0.05	-0.02	-0.10
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.38	325.32	57.81	36.18	-0.89	10.75	-0.04	-0.11	-0.05	-0.01	-0.03	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-272.07	-29.33	11.11	-7.64	-7.15	0.03	-0.09	-0.06	-0.01	0.01	0.00	-0.01	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		426.47	-325.66	-58.33	-36.47	0.96	-10.80	-0.08	0.08	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	272.83	29.00	-11.37	7.34	7.17	-0.09	0.07	0.06	0.03	0.00	0.00	0.01	0.00	-0.01	-0.01
MRBLD1CB42P75_COS		-638.24	-1832.14	581.85	-64.13	-100.59	-84.31	-69.76	-31.74	5.95	-19.57	-21.05	16.09	-1.20	-5.35	1.90	2.11
MRBLD1CB42P75_SIN		0.00	2313.83	10.07	151.21	260.00	-93.27	-5.86	-36.25	20.28	26.63	-57.77	16.33	10.10	7.51	-0.77	21.16

RUN	POINT	Harmonics															
54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4463.28	-1435.61	425.57	-183.22	-41.91	-82.60	-47.78	-23.34	4.57	-9.90	-21.05	10.99	0.84	-2.20	0.67	13.55
MRBLD1CB70_SIN		0.00	1642.54	-44.77	155.62	418.19	-89.36	90.07	-10.43	17.37	27.00	-10.42	8.04	4.70	3.89	-2.79	26.43
MRBLD1CB120_COS		-298.49	-871.24	315.03	-88.77	45.03	-55.76	-23.13	5.54	2.82	5.64	6.23	-10.49	1.83	3.81	1.85	-1.63
MRBLD1CB120_SIN		0.00	991.24	-75.97	126.35	461.44	-30.41	151.01	-28.90	-33.25	-24.32	28.98	-3.09	0.68	-1.10	-1.25	3.26
MRBLD1CB164_COS		-1993.55	-247.20	60.39	-9.92	18.95	-41.84	-13.28	19.76	-2.78	4.91	14.51	-8.01	-0.64	0.15	-3.27	-9.27
MRBLD1CB164_SIN		0.00	332.28	-2.38	64.59	193.24	2.54	73.73	-8.00	-36.65	-32.88	10.60	3.42	2.69	0.98	5.42	-18.10
MRBLD1FB42P75_COS		2467.29	397.04	173.49	611.55	88.01	-75.66	-106.08	-161.35	-66.77	-83.05	-70.71	17.81	-1.08	-1.49	-0.07	35.74
MRBLD1FB42P75_SIN		0.00	-481.80	202.64	445.82	371.11	150.28	23.10	-113.19	-19.73	-27.54	-96.77	13.11	7.02	-3.85	-21.53	15.98
MRBLD1FB70_COS		622.62	103.31	57.02	164.07	19.55	-19.84	-20.19	-17.21	-0.23	0.45	0.92	1.38	0.68	0.51	0.07	-6.49
MRBLD1FB70_SIN		0.00	-249.33	107.39	113.72	109.68	22.49	6.16	-14.50	4.80	6.91	4.35	1.87	1.56	1.55	3.71	-3.87
MRBLD1FB87_COS		85.49	136.03	-12.47	73.10	-0.77	-11.89	-1.41	14.17	11.02	16.86	17.87	-3.56	1.21	0.80	0.28	-7.48
MRBLD1FB87_SIN		0.00	-308.14	95.40	60.12	39.36	4.82	-1.73	8.59	1.23	5.58	23.39	-1.72	0.22	2.45	6.71	-0.72
MRBLD1FB120_COS		-281.86	192.84	-89.26	26.71	-12.62	-19.91	-2.39	16.84	-8.39	-9.50	-10.33	-3.67	-5.14	-1.84	-0.67	11.32
MRBLD1FB120_SIN		0.00	-429.16	134.27	131.64	2.97	16.09	-1.08	27.91	-1.91	-8.85	-13.45	-3.64	-5.43	-6.88	-10.65	1.31
MRBLD1FB164_COS		99.47	-9.00	47.05	54.39	7.21	54.51	41.91	-14.62	4.79	13.96	14.53	-0.97	1.62	-0.40	-2.94	-7.21
MRBLD1FB164_SIN		0.00	-540.92	62.60	271.50	-29.42	-40.37	-23.10	-40.61	4.55	12.06	21.05	-0.95	0.51	2.38	5.32	-0.92

RUN	POINT	Harmonics															
54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		3.18	-170.92	69.40	17.80	18.29	52.33	22.89	-14.84	8.44	24.14	31.65	-16.50	-13.64	-6.87	-0.46	14.53
MRBLD1FB180_SIN		0.00	-379.19	21.84	150.53	-32.12	-20.90	-14.35	-39.33	9.03	20.14	46.03	-10.20	-9.98	-10.50	-13.18	0.57
MRBLD1TOR51_COS		-1479.91	-57.50	133.79	53.53	-12.10	-6.94	-7.95	-22.82	-4.09	2.39	2.16	-1.48	-2.71	-0.49	3.06	2.09
MRBLD1TOR51_SIN		0.00	-157.12	4.21	118.47	30.11	12.04	-28.81	-14.50	7.24	4.23	8.54	-3.31	-4.47	-5.32	-3.71	3.18
MRBLD1TOR71_COS		-327.57	-23.15	91.97	42.67	-3.92	3.62	2.01	-16.28	-1.76	5.72	2.93	-2.94	-1.28	0.42	1.73	1.44
MRBLD1TOR71_SIN		0.00	-160.82	-8.04	74.51	1.62	11.19	-24.37	-4.60	9.63	6.07	13.08	-4.31	-3.18	-3.57	-1.37	2.01
MRBLD1TOR130_COS		-73.34	-55.25	87.05	25.08	0.60	7.95	3.52	-12.61	0.13	3.69	5.04	-1.62	-0.04	-0.06	-2.53	-1.37
MRBLD1TOR130_SIN		0.00	-127.95	-56.41	54.56	-12.42	4.38	-16.67	-9.60	6.43	0.97	-0.75	1.98	2.94	2.32	2.50	-0.91
MRBLD1TOR164_COS		-285.91	-72.73	52.43	9.61	1.03	-2.67	-4.62	-7.74	0.34	5.28	1.73	-2.47	0.71	0.79	-1.12	-0.16
MRBLD1TOR164_SIN		0.00	-50.29	-60.89	-13.69	-0.02	5.05	-7.65	-2.53	3.49	1.56	3.23	-2.64	-0.07	0.81	0.07	0.00
MRFBM1CB26P5_COS		-884.83	-1246.06	263.06	0.32	-54.53	-2.40	-2.07	-1.31	0.14	-1.90	2.91	1.02	-0.31	-0.23	1.35	-2.14
MRFBM1CB26P5_SIN		0.00	1084.18	102.13	-32.72	-46.87	-17.97	-32.05	-10.99	-0.36	-4.01	-15.83	1.30	0.05	-0.52	-0.77	-0.11
MRFBM1FB9_COS		638.19	-21.06	-257.28	-85.05	16.35	23.18	13.80	2.78	1.90	2.06	-0.97	0.60	0.63	0.18	-0.56	0.58
MRFBM1FB9_SIN		0.00	-372.02	-86.98	-179.15	-54.33	-5.22	7.88	10.75	2.84	2.26	3.90	-0.53	0.28	0.38	0.28	-1.42
MRFBM1TOR26P5_COS		-105.49	70.39	4.42	-0.45	-0.86	0.24	0.18	0.06	0.00	-0.12	-0.08	0.19	-0.03	-0.03	0.08	0.04
MRFBM1TOR26P5_SIN		0.00	-265.45	0.66	1.07	-0.01	0.14	-0.99	-0.08	-0.06	0.03	0.10	0.06	-0.06	-0.06	-0.07	-0.01

RUN	POINT	Harmonics															
54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		176.80	-1243.40	486.58	19.66	-56.72	-75.89	-74.73	-26.97	9.69	-16.22	-15.60	13.97	0.42	-2.33	4.73	0.11
MRPC1CB33P25_SIN		0.00	1978.82	-34.93	122.19	144.81	-53.74	-15.51	-40.65	-2.93	2.96	-55.27	8.85	6.23	5.24	-2.73	19.82
MRPC1FB33P25_COS		1787.94	344.85	42.53	454.58	0.51	-104.65	-96.25	-84.51	-37.08	-41.29	7.90	8.81	-2.80	1.97	17.96	5.74
MRPC1FB33P25_SIN		0.00	-213.25	172.18	474.51	338.98	97.71	-13.85	-168.53	-55.75	-66.84	-115.09	21.36	4.94	-2.42	-10.36	44.02
MRPC1TOR25P5_COS		-338.62	127.74	-163.69	-26.60	8.27	10.80	6.70	19.75	5.05	3.65	2.98	2.01	4.46	1.34	-4.79	-3.03
MRPC1TOR25P5_SIN		0.00	-78.94	-1.92	-114.00	-13.68	-17.29	38.26	9.81	-10.22	-8.06	-15.12	6.47	9.66	8.68	7.59	1.15
MRPLK1LOAD_COS		1.05	11.90	-21.45	-4.91	-0.29	2.23	-0.42	2.90	1.46	1.04	0.80	-0.60	0.64	0.48	-1.13	-0.69
MRPLK1LOAD_SIN		0.00	-4.03	-1.36	-19.15	-2.27	-2.30	5.25	1.63	-0.84	-0.66	-1.62	-0.11	1.27	1.39	1.13	0.19
PITCHRH_COS		8695.44	-9322.76	68.28	71.82	-15.82	-119.53	149.85	-68.23	-1.30	-80.18	23.06	74.84	14.57	49.27	-34.05	-81.82
PITCHRH_SIN		0.00	2023.79	-1443.87	33.37	-56.61	270.51	-155.02	143.54	225.82	-27.25	-270.02	56.55	-41.27	14.04	3.06	69.97
ROLLRH_COS		10651.30	-2068.56	1463.65	-33.22	-71.88	-1839.01	41.80	-2.58	-272.94	113.37	241.66	-0.41	5.92	-12.44	65.38	73.20
ROLLRH_SIN		0.00	-9422.61	175.48	79.18	208.30	1384.76	-120.12	-147.11	-39.25	-90.20	-57.30	21.01	-55.71	33.88	-3.62	152.45
TORQ_COS		105309.57	475.09	-20.12	131.44	13.70	-19.41	9.46	17.06	-8.01	-3.17	4.39	-5.49	0.42	-0.98	-4.18	7.02
TORQ_SIN		0.00	995.37	-105.22	18.21	-98.49	135.50	7.35	36.00	-15.21	-3.22	60.97	6.17	-4.10	4.65	-1.92	1.24
THRUST_COS		5699.62	-123.46	2.24	17.98	0.14	37.37	6.93	14.08	1.62	-0.28	12.48	-8.67	-3.95	-0.85	-1.90	-12.26
THRUST_SIN		0.00	-148.98	-16.98	-14.27	28.87	-68.15	5.44	12.21	1.28	6.33	55.46	4.66	2.99	0.04	2.41	-26.39

RUN	POINT	Harmonics															
54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-95.44	65.29	-35.94	4.22	-11.36	-22.65	3.00	-2.93	5.14	-4.49	-10.15	0.07	-0.08	0.46	-2.04	-1.86
SIDERH_SIN		0.00	231.77	-0.56	-3.33	-36.07	-169.38	0.32	1.97	1.06	4.89	-4.03	-0.32	1.82	-0.76	0.19	-3.92
DRAGRH_COS		-121.22	237.68	23.52	0.10	5.17	270.20	-17.28	-3.69	-4.33	5.61	-9.76	-2.28	0.41	-1.38	1.14	4.79
DRAGRH_SIN		0.00	-56.48	17.42	1.05	10.37	145.62	16.32	5.30	-8.58	3.68	10.91	-1.57	3.12	-0.30	-0.10	-5.15

RUN	POINT	Harmonics															
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.99	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.06	-4.51	-8.60	0.34	-0.70	-0.07	0.23	0.04	-0.44	0.06	0.22	0.19	-0.05	-0.09	-0.07	-0.19
ACT1FORCE_SIN		0.00	14.66	-3.67	-2.44	1.76	0.24	0.28	0.54	0.02	0.01	-0.16	0.08	0.17	0.02	0.11	-0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		363.15	-185.24	72.99	-1.68	2.67	0.57	0.02	-0.02	0.01	-0.04	0.02	0.01	-0.03	0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-63.78	22.45	30.66	-8.11	1.59	0.01	0.00	-0.04	0.00	0.00	0.05	0.00	-0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		442.59	185.60	-73.09	1.58	-2.69	-0.53	-0.03	0.03	-0.01	0.04	-0.01	-0.02	0.03	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN		0.00	63.87	-22.53	-30.64	8.08	-1.56	-0.01	-0.01	0.03	-0.01	-0.01	-0.05	0.00	0.01	-0.01	0.02
MRBLD1CB42P75_COS		-689.11	-1625.40	479.80	-70.51	-77.32	-81.76	-75.91	7.83	8.58	-30.12	21.04	6.45	-1.27	-3.90	-6.43	-2.21
MRBLD1CB42P75_SIN		0.00	1502.94	54.82	82.31	206.70	-47.73	-24.53	-71.60	21.33	16.92	-99.00	9.97	11.27	8.48	-1.74	30.13

RUN	POINT	Harmonics															
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4441.15	-1205.84	346.34	-121.68	38.77	-121.52	-96.09	2.00	8.57	-21.12	-8.55	4.30	1.15	-1.19	-7.53	8.34
MRBLD1CB70_SIN		0.00	1122.53	-100.90	180.56	276.33	-70.23	23.69	-39.81	15.01	23.53	-48.87	0.93	5.15	3.53	-3.80	37.97
MRBLD1CB120_COS		-293.44	-703.78	271.67	5.22	102.26	-116.25	-84.69	13.27	-3.65	12.26	-10.51	-7.27	1.57	2.84	3.87	-3.14
MRBLD1CB120_SIN		0.00	798.66	-124.70	163.06	331.13	-51.88	45.82	-42.20	-34.99	-30.40	58.86	-0.57	0.06	0.12	-1.92	3.23
MRBLD1CB164_COS		-1984.58	-256.88	58.00	65.09	30.93	-67.73	-35.70	5.74	-7.70	16.03	6.02	-5.77	-1.16	0.28	0.85	-4.18
MRBLD1CB164_SIN		0.00	288.93	-51.26	89.40	143.78	-27.60	23.37	0.83	-42.95	-38.70	47.07	6.77	0.92	0.73	6.63	-24.98
MRBLD1FB42P75_COS		2507.53	394.18	87.62	907.93	-21.10	-72.63	-115.22	-110.18	-91.78	-100.37	6.78	7.51	1.45	7.26	-5.02	46.94
MRBLD1FB42P75_SIN		0.00	-283.03	449.99	309.56	509.46	181.28	20.71	-233.79	-12.34	-70.46	-128.32	8.37	3.51	-4.91	-21.99	30.02
MRBLD1FB70_COS		627.30	106.75	26.72	273.40	-14.70	-18.27	-22.86	-7.92	-2.18	-1.53	0.78	1.51	0.71	-0.07	1.26	-8.73
MRBLD1FB70_SIN		0.00	-250.19	187.91	73.94	143.95	30.47	3.66	-36.12	5.98	5.06	1.80	2.25	2.01	1.80	4.64	-6.72
MRBLD1FB87_COS		85.15	115.15	-26.43	144.28	-21.13	-14.66	-1.36	8.06	14.17	20.07	0.69	-0.42	0.81	-1.10	1.43	-9.95
MRBLD1FB87_SIN		0.00	-309.57	132.90	46.81	58.42	5.18	-2.66	20.11	0.34	14.29	32.53	-0.37	1.53	3.17	7.07	-3.17
MRBLD1FB120_COS		-294.12	134.73	-114.01	139.55	-17.26	-21.69	5.68	5.61	-4.92	-7.06	-6.85	-6.74	-3.85	0.10	-2.20	15.60
MRBLD1FB120_SIN		0.00	-442.74	132.06	130.73	17.20	1.87	2.17	56.79	-6.34	-8.87	-15.64	-5.25	-6.93	-7.73	-11.88	4.58
MRBLD1FB164_COS		46.95	219.04	-25.88	99.29	75.73	50.11	31.28	4.70	1.24	8.17	3.53	4.93	1.32	-4.41	-1.24	-7.64
MRBLD1FB164_SIN		0.00	-583.19	295.72	232.68	-66.04	-33.02	-15.09	-80.66	8.92	14.34	21.99	0.96	4.13	2.45	3.30	-2.91

RUN	POINT	Harmonics															
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-30.98	72.89	30.26	12.27	54.15	50.17	17.72	-4.38	4.02	30.64	-0.15	-14.59	-13.80	-5.73	-2.45	19.02
MRBLD1FB180_SIN		0.00	-412.87	213.99	137.40	-61.40	-17.40	-5.00	-70.93	3.51	28.20	65.57	-10.04	-16.60	-13.83	-15.53	5.38
MRBLD1TOR51_COS		-1483.17	296.20	39.46	28.62	17.16	-17.41	15.79	-15.10	-8.37	4.08	-3.07	-2.35	-1.41	1.10	3.13	1.70
MRBLD1TOR51_SIN		0.00	-137.75	227.28	60.80	13.51	16.60	-37.33	-44.81	-0.15	1.19	8.01	-2.13	-5.64	-5.55	-4.10	5.38
MRBLD1TOR71_COS		-329.93	308.63	10.99	7.47	24.68	-4.92	24.81	-13.77	-4.24	6.71	-5.46	-3.29	-0.47	0.93	2.13	0.77
MRBLD1TOR71_SIN		0.00	-131.16	196.50	23.84	-14.73	14.19	-30.36	-28.43	2.78	4.76	12.89	-1.89	-4.53	-3.72	-1.58	3.42
MRBLD1TOR130_COS		-78.37	288.18	19.68	-28.19	31.56	1.91	21.15	-7.10	-2.28	3.62	6.91	-2.79	-0.42	-1.23	-2.61	-2.00
MRBLD1TOR130_SIN		0.00	-99.87	140.72	12.89	-33.28	8.17	-22.73	-29.00	1.92	-3.77	0.67	4.33	2.34	2.90	3.06	-1.13
MRBLD1TOR164_COS		-283.72	173.52	22.44	-42.66	7.09	-3.67	4.70	-6.66	2.04	3.78	-1.97	-2.17	0.90	-0.19	-0.80	-0.04
MRBLD1TOR164_SIN		0.00	-22.87	50.01	-32.55	-14.63	9.02	-11.30	-11.98	2.01	2.88	2.20	-1.59	-0.17	0.94	-0.55	0.44
MRFBM1CB26P5_COS		-897.83	-931.48	217.46	-51.08	-46.63	4.81	7.60	3.23	0.29	-1.30	11.53	0.78	-0.11	0.28	2.11	-2.11
MRFBM1CB26P5_SIN		0.00	617.19	124.35	-81.63	-15.72	-5.69	-18.08	-12.89	0.40	-5.81	-12.30	1.94	0.29	-0.11	-1.03	-0.26
MRFBM1FB9_COS		636.17	-98.32	-172.34	-166.84	30.17	24.43	11.11	-4.30	2.66	1.58	-3.45	0.49	0.39	0.05	-0.59	1.13
MRFBM1FB9_SIN		0.00	-29.47	-245.11	-173.35	-63.68	-7.24	10.42	13.62	3.53	3.64	2.66	-0.03	0.21	-0.05	0.45	-2.03
MRFBM1TOR26P5_COS		-107.26	81.41	3.06	-0.36	0.00	-0.16	0.25	-0.07	-0.17	-0.04	-0.11	0.16	-0.02	0.02	0.06	0.07
MRFBM1TOR26P5_SIN		0.00	-262.77	3.02	0.30	-0.43	0.13	-0.91	-0.29	-0.01	0.08	0.12	-0.08	-0.05	-0.09	-0.09	-0.05

RUN	POINT	Harmonics															
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		137.67	-1253.59	416.81	-34.63	-90.14	-51.89	-66.34	0.86	10.49	-17.33	20.32	6.50	1.99	-1.21	-0.84	-3.58
MRPC1CB33P25_SIN		0.00	1327.09	49.12	20.36	157.22	-20.37	-26.88	-69.76	4.07	-8.84	-76.39	8.50	7.24	6.61	-3.66	26.57
MRPC1FB33P25_COS		1827.37	318.02	-60.07	725.08	-119.34	-109.98	-104.34	6.16	-57.50	-33.60	84.15	4.79	1.29	7.32	15.35	-0.30
MRPC1FB33P25_SIN		0.00	-43.83	354.74	413.16	428.50	124.38	-18.40	-242.35	-59.12	-107.87	-93.48	12.74	4.61	3.62	-15.85	61.55
MRPC1TOR25P5_COS		-337.90	-233.84	-69.49	11.87	-27.77	22.86	-18.27	16.10	10.34	0.27	12.55	2.54	2.10	-2.51	-5.05	-4.38
MRPC1TOR25P5_SIN		0.00	-108.68	-236.03	-51.49	4.49	-18.87	47.20	41.52	-2.07	-6.27	-14.73	7.65	10.90	9.81	7.83	1.58
MRPLK1LOAD_COS		0.67	-34.20	-9.27	-0.25	-5.27	4.26	-3.39	2.56	2.60	0.41	1.78	-0.44	0.33	-0.32	-1.01	-1.10
MRPLK1LOAD_SIN		0.00	-7.68	-32.48	-10.32	-0.05	-2.69	6.57	6.04	0.00	-0.44	-1.58	0.68	1.46	1.67	1.26	0.47
PITCHRH_COS		10316.88	-9236.73	101.93	201.87	-38.17	-390.20	120.08	-109.61	-23.55	-13.05	71.61	-3.42	65.71	6.26	-23.13	-148.69
PITCHRH_SIN		0.00	1686.98	-761.43	-68.83	-83.50	1345.93	9.60	41.73	195.96	-77.89	-302.33	40.13	-30.27	8.18	-5.65	93.39
ROLLRH_COS		2625.50	-1839.89	901.54	-45.24	-77.77	-2769.96	-46.49	55.23	-157.56	146.18	176.98	-10.66	26.45	-90.30	49.28	150.16
ROLLRH_SIN		0.00	-9209.88	225.03	251.96	100.72	872.06	-64.13	-89.88	-83.37	-47.10	-16.06	-12.63	-6.42	4.63	-11.49	187.46
TORQ_COS		105139.01	423.75	0.31	125.24	-2.98	-30.66	8.62	-0.04	-11.71	0.10	-23.11	-3.46	1.60	-1.04	-4.66	7.36
TORQ_SIN		0.00	1042.97	-80.72	142.61	-98.05	-15.72	12.73	56.77	-15.52	-5.80	57.71	1.15	-6.07	5.50	-1.51	1.93
THRUST_COS		5749.46	-124.73	10.56	37.67	1.64	48.18	6.00	18.39	5.24	-3.81	-15.47	-3.51	-4.49	1.40	2.03	-14.56
THRUST_SIN		0.00	-188.35	14.02	-10.31	21.40	-82.53	7.23	20.13	-1.88	4.17	52.42	1.58	-0.06	4.28	0.36	-28.90

RUN	POINT	Harmonics															
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.91	58.52	-24.32	5.04	15.66	91.80	6.15	-1.82	1.19	-6.03	-6.15	-0.04	-1.05	2.47	-1.59	-3.97
SIDERH_SIN		0.00	233.17	-12.96	0.51	-23.88	-150.46	-9.93	3.44	2.53	2.91	-4.85	0.94	-0.02	-0.26	0.04	-5.25
DRAGRH_COS		-93.80	238.31	6.49	-4.49	4.57	63.03	-41.69	1.06	-1.38	-2.46	-10.75	1.35	-2.01	0.31	1.52	7.06
DRAGRH_SIN		0.00	-53.88	21.21	-1.18	5.34	107.47	4.64	0.28	-10.55	6.35	8.64	-1.12	3.15	-1.12	0.24	-5.53

RUN	POINT	Harmonics															
54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-2.98	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.65	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.12	-7.12	-7.74	2.71	-0.90	-0.18	0.11	0.14	-0.32	0.10	0.10	0.22	0.16	-0.03	0.06	-0.26
ACT1FORCE_SIN		0.00	12.11	-6.42	-3.09	3.18	-0.13	0.49	0.28	0.21	0.11	-0.41	-0.11	0.09	0.11	0.14	0.12
FA1IBCURRENT_COS		-0.01	0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.37	-419.66	49.69	-22.75	3.39	-0.87	-0.09	0.06	-0.03	-0.06	0.08	0.09	-0.02	0.01	-0.02	-0.06
FA1IBVOLTAGE_SIN		0.00	76.66	38.70	20.98	-16.42	5.18	-0.10	0.09	-0.01	0.02	-0.02	0.08	0.05	-0.01	0.07	-0.02
FA1OBCURRENT_COS		0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.06	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		431.53	420.44	-49.69	22.50	-3.46	0.95	0.00	-0.04	0.00	0.06	-0.09	-0.08	0.02	-0.01	0.02	0.06
FA1OBVOLTAGE_SIN		0.00	-77.24	-39.73	-20.90	16.22	-5.08	0.03	-0.07	0.01	-0.01	0.02	-0.08	-0.05	0.01	-0.06	0.02
MRBLD1CB42P75_COS		-685.46	-1736.48	398.21	-50.34	-9.97	-108.37	-85.94	-12.37	21.37	-23.74	-14.76	-3.41	3.54	-1.18	-15.25	16.81
MRBLD1CB42P75_SIN		0.00	843.23	57.41	43.04	193.48	-12.33	-15.27	-81.49	16.10	24.50	-104.12	1.92	9.93	13.05	0.15	28.15

RUN	POINT	Harmonics															
54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4457.87	-1209.77	283.27	-56.29	134.34	-157.08	-120.57	-1.33	17.81	-16.77	-30.06	-2.77	3.09	1.36	-13.46	30.08
MRBLD1CB70_SIN		0.00	723.56	-156.19	218.89	178.65	-70.68	11.61	-48.94	10.95	29.51	-50.87	-4.85	5.81	5.03	-0.58	32.42
MRBLD1CB120_COS		-267.97	-638.90	246.29	90.84	183.60	-140.81	-109.21	28.70	-21.35	-2.17	13.50	1.22	2.01	3.96	4.35	-2.32
MRBLD1CB120_SIN		0.00	664.84	-172.99	196.68	227.29	-88.33	6.61	-50.67	-35.86	-35.00	66.83	3.72	0.41	0.06	-3.81	4.44
MRBLD1CB164_COS		-1978.40	-266.52	50.35	126.11	55.43	-80.25	-40.06	18.09	-25.02	2.98	24.07	1.15	-1.30	0.51	5.67	-17.51
MRBLD1CB164_SIN		0.00	257.58	-85.82	101.34	106.31	-54.51	3.51	6.90	-43.80	-42.76	57.42	12.04	-2.08	-0.30	6.73	-22.14
MRBLD1FB42P75_COS		2547.08	446.72	57.04	1160.27	8.88	-27.16	-119.54	-148.39	-108.23	-128.27	-16.65	-1.68	5.59	11.62	-24.99	59.98
MRBLD1FB42P75_SIN		0.00	-163.33	616.73	120.85	616.02	238.41	48.28	-254.90	22.06	-49.83	-112.60	2.87	-3.92	2.95	-7.09	-0.84
MRBLD1FB70_COS		631.72	95.90	17.50	360.55	-7.45	-11.84	-25.21	-15.46	-2.41	-1.69	0.38	2.31	1.08	-0.23	5.52	-11.58
MRBLD1FB70_SIN		0.00	-264.61	240.93	17.12	172.55	43.00	7.12	-42.83	7.51	4.75	1.16	1.99	2.22	0.30	1.78	-0.99
MRBLD1FB87_COS		85.53	91.65	-26.66	201.41	-20.42	-14.09	-1.65	10.73	15.75	25.26	7.57	3.21	0.89	-1.27	6.92	-11.26
MRBLD1FB87_SIN		0.00	-317.82	159.10	20.93	73.58	7.97	-4.85	20.94	-5.54	8.91	26.96	-0.15	2.21	0.94	3.09	3.22
MRBLD1FB120_COS		-303.18	77.08	-129.94	228.65	-22.71	-22.45	12.00	15.03	-4.54	-6.99	-10.17	-9.97	-5.33	-1.53	-10.90	17.23
MRBLD1FB120_SIN		0.00	-451.46	142.78	118.28	27.50	-5.63	3.35	69.29	-4.62	-4.33	-10.39	-3.29	-6.10	-4.68	-6.71	-5.23
MRBLD1FB164_COS		22.81	337.97	-62.31	159.54	92.19	51.89	20.69	-9.98	1.95	6.63	7.96	10.72	2.48	-6.43	2.44	-7.45
MRBLD1FB164_SIN		0.00	-608.42	444.67	201.16	-111.73	-48.41	-17.83	-103.68	9.84	12.38	13.60	-0.25	6.84	1.78	-0.14	2.76

RUN	POINT	Harmonics															
54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-46.95	207.71	13.76	29.46	58.64	54.70	13.73	-21.05	2.44	41.03	17.45	-11.20	-18.77	-9.74	-11.83	20.87
MRBLD1FB180_SIN		0.00	-430.90	330.27	128.60	-95.45	-30.65	-4.47	-87.30	-1.93	18.88	58.77	-3.24	-11.14	-9.07	-8.70	-5.91
MRBLD1TOR51_COS		-1481.12	515.26	-6.09	18.90	40.04	-23.93	19.82	-32.88	-11.35	8.13	-2.26	-2.68	-3.04	-0.52	-0.42	3.98
MRBLD1TOR51_SIN		0.00	-142.51	373.19	20.58	1.09	26.39	-40.15	-52.18	-1.33	0.05	7.98	-1.50	-5.49	-5.50	-4.02	4.61
MRBLD1TOR71_COS		-330.10	518.85	-27.31	-14.43	42.17	-10.98	29.62	-28.58	-5.56	11.63	-2.75	-2.98	-2.05	0.30	0.94	2.11
MRBLD1TOR71_SIN		0.00	-127.85	331.32	-9.68	-28.45	19.91	-34.32	-33.78	0.88	3.42	13.00	-0.04	-4.92	-4.41	-1.75	3.16
MRBLD1TOR130_COS		-80.61	507.61	-12.77	-64.79	46.27	-3.75	24.49	-18.76	-4.65	4.58	6.49	-1.87	0.68	0.61	0.00	-2.36
MRBLD1TOR130_SIN		0.00	-95.73	269.17	-10.56	-51.22	11.88	-26.87	-33.82	1.59	-5.57	-0.29	5.06	1.70	2.77	3.56	-0.22
MRBLD1TOR164_COS		-281.80	332.49	8.59	-83.95	9.52	-4.88	5.40	-11.95	2.20	4.86	-1.09	-1.87	0.80	-0.43	-0.94	1.37
MRBLD1TOR164_SIN		0.00	-12.92	121.36	-39.98	-24.75	14.57	-12.63	-13.94	2.39	2.19	2.01	0.05	0.55	1.20	-1.72	0.08
MRFBM1CB26P5_COS		-840.95	-881.21	191.15	-89.93	-37.97	-2.10	9.21	-4.44	1.51	-2.20	8.28	0.53	0.33	-0.34	0.43	-2.22
MRFBM1CB26P5_SIN		0.00	253.90	128.31	-112.40	17.42	4.37	-12.66	-13.36	-0.36	-5.43	-13.18	1.11	-0.21	0.53	-1.91	0.14
MRFBM1FB9_COS		665.95	-20.61	-132.94	-245.79	26.59	23.69	11.64	-3.65	4.15	2.58	-2.13	0.42	0.21	0.39	0.04	-0.19
MRFBM1FB9_SIN		0.00	167.43	-337.96	-152.30	-78.34	-14.87	9.72	16.49	3.03	3.66	3.17	0.51	0.00	-0.20	1.05	-2.65
MRFBM1TOR26P5_COS		-107.36	77.20	2.66	-0.28	0.37	-0.14	0.31	-0.23	-0.15	-0.02	-0.10	0.15	-0.03	-0.03	0.00	0.02
MRFBM1TOR26P5_SIN		0.00	-263.88	4.24	-0.18	-0.59	0.27	-0.95	-0.30	0.00	0.09	0.10	-0.18	-0.03	-0.08	-0.07	-0.08

RUN	POINT	Harmonics															
54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		112.18	-1451.73	348.43	-50.98	-64.31	-62.17	-68.36	-16.81	12.69	-18.00	-2.71	0.25	4.62	1.17	-9.51	12.60
MRPC1CB33P25_SIN		0.00	770.92	84.52	-52.56	186.47	18.11	-17.20	-74.49	1.21	-6.18	-76.98	3.43	5.18	10.94	-3.32	24.86
MRPC1FB33P25_COS		1861.33	352.12	-111.36	967.67	-118.02	-87.45	-118.36	-18.26	-87.76	-67.42	56.58	1.52	8.89	5.02	-8.51	36.37
MRPC1FB33P25_SIN		0.00	60.89	489.79	294.21	521.07	180.93	3.92	-273.68	-39.64	-108.81	-96.62	0.24	1.06	11.10	-24.45	56.10
MRPC1TOR25P5_COS		-338.91	-473.90	-25.67	31.48	-51.05	28.76	-22.44	35.51	12.63	-5.94	9.49	3.95	6.06	1.37	0.56	-2.37
MRPC1TOR25P5_SIN		0.00	-116.25	-386.25	-12.49	19.66	-27.71	49.86	48.72	-0.19	-6.65	-16.20	6.90	9.45	10.08	6.88	2.96
MRPLK1LOAD_COS		0.38	-64.91	-3.95	1.75	-8.64	5.03	-3.88	5.28	2.97	-0.27	1.55	-0.34	0.88	0.42	0.04	-0.64
MRPLK1LOAD_SIN		0.00	-8.68	-52.52	-4.50	2.06	-4.41	7.23	6.93	-0.10	-0.53	-1.74	1.10	1.29	1.54	1.14	0.94
PITCHRH_COS		9254.23	-9135.92	28.76	228.49	-52.56	-136.76	106.81	-56.08	16.97	35.84	-70.74	-9.80	62.69	6.07	-11.92	-107.15
PITCHRH_SIN		0.00	1908.47	-434.14	-88.75	-107.60	2205.81	127.73	50.82	274.46	-111.45	-339.01	6.88	-45.12	-37.91	24.95	192.34
ROLLRH_COS		-2347.56	-1966.75	468.25	-19.62	-8.88	-3382.83	-21.45	-1.67	-205.02	114.12	110.00	-21.34	39.05	-67.40	34.17	236.31
ROLLRH_SIN		0.00	-9139.93	212.98	298.20	-9.75	929.63	-37.07	-63.34	-2.44	-62.44	-85.81	-25.09	20.49	23.21	-17.59	17.65
TORQ_COS		106179.61	374.32	27.98	104.42	-71.86	29.56	8.57	44.81	-23.35	-3.75	-11.28	-0.72	1.89	1.07	-4.53	10.50
TORQ_SIN		0.00	1058.68	-69.98	188.16	-121.42	-90.78	11.54	48.71	-6.71	-8.39	58.01	0.20	-5.74	5.03	-1.36	-0.25
THRUST_COS		5834.27	-124.06	10.48	38.95	9.52	43.70	7.28	28.64	6.58	-4.55	-1.83	-1.87	-2.58	0.40	1.01	-31.82
THRUST_SIN		0.00	-208.16	29.06	-6.21	21.35	-115.64	6.71	8.08	-4.45	4.82	48.77	1.05	0.46	1.08	0.49	-21.85

RUN	POINT	Harmonics															
54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.86	66.99	-6.93	7.32	15.27	150.00	8.74	-2.87	2.52	-3.88	-4.18	0.57	-1.29	1.92	-1.04	-5.85
SIDERH_SIN		0.00	232.37	-20.24	4.79	-13.70	-159.56	-8.49	3.13	0.25	3.84	-1.53	1.53	-0.79	-0.89	0.55	-0.48
DRAGRH_COS		-90.88	233.36	-0.54	-4.19	1.64	-73.23	-38.08	4.71	-2.16	-5.46	-4.05	2.37	-2.43	0.31	0.70	4.05
DRAGRH_SIN		0.00	-61.44	27.74	-2.57	1.95	79.29	-7.16	5.86	-9.20	9.44	12.59	0.05	3.92	1.31	-1.06	-10.34

RUN	POINT	Harmonics															
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	1.48	-0.01	0.00	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.15	0.01	-19.67	-3.59	1.11	-0.93	0.20	0.25	-0.31	0.01	0.83	-0.05	-0.16	-0.03	-0.28	-0.06
ACT1FORCE_SIN		0.00	21.01	4.30	-4.37	0.75	1.89	1.13	0.22	0.38	-0.13	-0.71	0.21	0.11	-0.01	0.03	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		394.29	-7.92	199.87	28.17	-5.20	4.77	-9.67	-0.09	-0.05	-0.04	0.13	-0.01	-0.04	0.01	0.01	-0.07
FA1IBVOLTAGE_SIN		0.00	-118.87	249.44	31.19	-1.44	-8.52	-8.69	0.01	-0.02	0.07	-0.03	-0.04	0.01	-0.04	0.04	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		411.52	8.08	-200.71	-28.43	5.77	-4.59	9.69	0.11	-0.04	0.04	-0.13	0.01	0.04	0.00	0.00	0.05
FA1OBVOLTAGE_SIN		0.00	119.27	-249.60	-31.60	1.77	8.61	8.68	-0.07	0.01	-0.05	0.03	0.04	-0.01	0.02	-0.03	0.03
MRBLD1CB42P75_COS		-644.25	-1772.09	643.77	-113.00	-190.19	-77.33	-57.14	-40.07	15.82	-16.72	3.14	31.50	-5.31	-5.90	5.95	-7.22
MRBLD1CB42P75_SIN		0.00	2232.84	68.00	117.97	259.85	-156.02	-19.42	-59.51	13.80	23.85	-79.50	28.74	10.48	6.84	1.82	22.70

RUN	POINT	Harmonics															
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4489.61	-1377.63	484.56	-254.88	-190.74	-81.04	-32.64	-37.32	13.64	-4.76	-8.24	25.40	-0.03	-0.92	5.65	2.34
MRBLD1CB70_SIN		0.00	1610.51	-8.27	94.84	492.88	-129.99	95.54	-25.20	13.56	23.49	-28.96	16.16	5.82	3.23	-4.18	30.50
MRBLD1CB120_COS		-278.52	-827.42	375.98	-162.38	-109.10	-57.25	-13.00	-16.03	12.26	8.17	-5.51	-16.81	3.10	4.57	3.27	-1.56
MRBLD1CB120_SIN		0.00	996.47	-57.28	75.33	547.85	-34.05	177.65	-37.65	-34.95	-29.16	36.06	-8.52	2.64	-0.27	-1.89	2.16
MRBLD1CB164_COS		-1986.98	-272.75	79.46	-57.26	-34.69	-43.48	-15.79	13.51	0.19	3.86	5.23	-17.78	0.32	-1.56	-6.89	-1.52
MRBLD1CB164_SIN		0.00	334.80	26.78	42.49	222.54	10.68	93.13	-3.89	-35.73	-37.47	21.19	-2.40	3.45	0.63	4.95	-19.88
MRBLD1FB42P75_COS		2496.57	380.46	150.00	395.65	33.47	-99.84	-86.86	-226.93	-56.81	-78.67	-51.08	23.03	-3.40	1.74	15.09	30.71
MRBLD1FB42P75_SIN		0.00	-464.74	215.07	606.36	273.17	135.10	5.45	-169.72	-53.22	-48.41	-122.46	12.73	10.92	-5.41	-26.31	27.67
MRBLD1FB70_COS		624.41	100.34	45.59	81.34	1.49	-26.41	-16.19	-28.91	1.08	0.32	0.15	1.11	0.45	0.06	-2.40	-5.43
MRBLD1FB70_SIN		0.00	-250.44	119.10	153.79	85.71	17.10	3.33	-22.86	1.61	6.43	3.56	1.96	1.26	1.84	4.47	-6.28
MRBLD1FB87_COS		80.05	122.96	-26.64	17.66	-2.67	-15.25	-2.83	19.25	9.77	15.98	13.19	-5.60	1.85	0.31	-3.16	-6.55
MRBLD1FB87_SIN		0.00	-310.05	103.94	77.17	28.01	5.59	-1.25	14.17	5.78	9.67	29.88	-1.70	-0.74	2.76	8.03	-3.18
MRBLD1FB120_COS		-291.40	166.50	-120.88	-36.57	-1.28	-13.42	-8.99	33.65	-10.02	-8.99	-8.44	-2.41	-4.47	-0.75	4.32	9.92
MRBLD1FB120_SIN		0.00	-430.99	138.37	147.54	-5.26	22.46	0.88	38.11	2.00	-11.16	-15.48	-4.92	-6.00	-7.72	-12.72	4.39
MRBLD1FB164_COS		90.36	81.98	-11.92	44.91	-5.37	61.49	39.80	-40.38	6.31	13.60	11.46	-2.84	2.52	-0.21	-5.79	-7.17
MRBLD1FB164_SIN		0.00	-535.75	-8.86	310.59	12.54	-32.61	-21.91	-53.59	-1.35	14.50	26.34	-0.09	-0.86	2.90	6.08	-3.16

RUN	POINT	Harmonics															
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		1.10	-67.11	29.99	39.97	8.09	52.84	22.16	-37.74	9.72	21.70	24.04	-18.59	-10.97	-6.71	3.72	14.11
MRBLD1FB180_SIN		0.00	-374.18	-50.97	170.92	-0.03	-14.22	-15.97	-53.85	6.65	25.00	56.51	-13.87	-14.19	-12.87	-16.62	5.14
MRBLD1TOR51_COS		-1480.30	91.49	145.81	92.44	-47.63	-11.60	10.35	-23.53	-2.49	-1.19	0.19	-0.67	-1.74	-0.16	5.85	2.30
MRBLD1TOR51_SIN		0.00	-142.12	-78.63	171.49	24.06	3.32	-18.36	-31.40	7.34	4.62	6.51	-2.87	-4.79	-5.37	-3.49	4.57
MRBLD1TOR71_COS		-329.29	116.96	101.08	90.62	-31.43	0.24	17.53	-14.95	-1.92	1.11	-1.16	-2.32	-0.29	0.35	2.56	1.70
MRBLD1TOR71_SIN		0.00	-146.75	-88.95	121.17	0.10	5.21	-13.59	-16.05	10.26	6.60	12.08	-4.53	-3.55	-3.61	-1.82	3.20
MRBLD1TOR130_COS		-74.78	90.09	96.27	86.82	-21.99	6.30	15.84	-12.37	1.49	0.56	3.99	-0.24	-0.36	-0.57	-4.69	-1.56
MRBLD1TOR130_SIN		0.00	-115.48	-140.38	94.64	-4.92	-2.27	-7.07	-18.37	4.43	0.09	-1.83	2.21	2.70	2.15	1.40	-1.17
MRBLD1TOR164_COS		-288.44	33.52	66.46	59.44	-9.19	-6.12	4.00	-6.70	0.13	4.19	-0.12	-1.18	1.15	1.04	-2.13	-1.40
MRBLD1TOR164_SIN		0.00	-40.46	-121.45	7.27	1.92	-0.92	-3.18	-4.27	2.21	0.96	4.11	-3.63	-0.30	0.58	-0.10	-0.89
MRFBM1CB26P5_COS		-840.32	-1160.73	284.75	23.06	-45.95	6.16	-1.31	1.88	1.24	-2.31	5.81	0.37	-0.99	-0.14	1.88	-1.93
MRFBM1CB26P5_SIN		0.00	1047.08	122.60	-28.54	-76.80	-31.84	-35.56	-12.85	-1.25	-3.83	-15.29	1.73	0.02	-0.58	0.39	-0.59
MRFBM1FB9_COS		695.76	-110.41	-253.18	-17.15	23.05	24.82	13.27	3.74	0.39	1.33	-2.41	0.32	0.72	0.02	-0.87	1.00
MRFBM1FB9_SIN		0.00	-328.58	-103.16	-197.96	-40.16	-1.27	8.19	15.16	3.32	2.47	4.12	-0.93	0.41	0.20	-0.23	-1.30
MRFBM1TOR26P5_COS		-101.01	83.34	4.14	0.05	-1.75	-0.25	0.33	-0.13	-0.01	-0.02	-0.01	0.10	-0.03	-0.02	0.16	0.08
MRFBM1TOR26P5_SIN		0.00	-260.29	0.54	1.51	-0.72	0.45	-1.15	-0.27	0.10	0.12	0.12	0.07	-0.06	-0.05	-0.04	-0.02

RUN	POINT	Harmonics															
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		242.32	-1228.90	539.32	-2.49	-92.51	-69.55	-70.85	-35.86	18.69	-13.15	1.84	23.79	-2.73	-2.42	9.66	-7.95
MRPC1CB33P25_SIN		0.00	1901.56	15.56	108.57	111.55	-101.88	-30.82	-59.21	-9.31	-1.02	-69.77	16.92	7.90	4.10	-0.50	19.88
MRPC1FB33P25_COS		1798.27	322.17	21.56	244.43	-25.88	-118.96	-74.22	-112.79	-13.86	-27.28	38.02	12.55	-7.22	5.14	30.74	-7.52
MRPC1FB33P25_SIN		0.00	-198.11	181.68	569.67	248.36	77.52	-21.61	-237.95	-76.98	-79.82	-121.14	25.68	5.78	-1.99	-1.35	46.88
MRPC1TOR25P5_COS		-331.10	-15.23	-177.68	-76.93	43.59	16.42	-12.34	19.74	4.45	7.35	5.64	3.38	2.67	0.41	-9.74	-5.82
MRPC1TOR25P5_SIN		0.00	-90.75	87.96	-170.57	-8.42	-9.65	25.82	26.65	-12.50	-9.41	-13.20	7.51	10.20	8.57	6.80	0.53
MRPLK1LOAD_COS		1.25	-6.27	-23.16	-11.44	4.97	3.60	-3.19	3.39	1.39	1.04	0.81	-0.01	0.47	0.34	-2.26	-1.16
MRPLK1LOAD_SIN		0.00	-5.71	10.51	-26.98	-1.08	-1.40	3.90	4.08	-1.40	-0.99	-1.30	-0.10	1.25	1.35	0.76	0.19
PITCHRH_COS		9879.92	-9266.26	138.86	88.48	2.97	130.96	0.63	-99.32	10.37	-31.81	94.89	20.23	38.74	52.01	-38.38	-163.76
PITCHRH_SIN		0.00	1938.50	-1387.93	-10.38	79.41	-627.66	-34.99	109.66	-33.29	-153.50	-213.71	79.34	4.41	14.42	-1.62	97.11
ROLLRH_COS		9203.66	-1944.34	1359.57	-42.56	-59.11	-1374.88	-49.81	1.24	148.61	202.56	328.07	16.92	-17.55	-62.10	85.72	34.07
ROLLRH_SIN		0.00	-9343.85	160.50	133.99	368.18	1533.89	-156.58	-137.59	-138.12	-88.27	-10.24	3.09	-16.23	85.63	-2.16	234.60
TORQ_COS		106941.92	464.54	-11.93	155.39	48.94	-25.37	6.77	-5.32	-1.28	2.13	-5.92	-2.20	0.73	-2.23	-2.27	3.62
TORQ_SIN		0.00	962.47	-108.78	32.83	-124.33	235.43	10.70	52.67	-15.73	-4.33	58.86	5.05	-4.57	6.01	-5.25	1.30
THRUST_COS		5870.11	-117.40	10.29	23.51	-5.57	39.12	6.77	13.16	-0.37	-3.23	3.04	-5.62	0.97	4.73	-7.51	-5.65
THRUST_SIN		0.00	-148.40	-29.04	-17.68	29.57	-53.47	11.65	18.40	1.67	4.24	61.39	3.93	-0.78	-1.86	4.99	-25.38

RUN	POINT	Harmonics															
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-114.19	63.71	-32.49	-1.73	-5.84	-69.39	4.32	-0.83	-5.13	-8.95	-12.55	-0.94	0.00	1.63	-2.73	-1.23
SIDERH_SIN		0.00	233.96	1.05	-2.03	-67.24	-198.68	3.60	0.84	4.83	4.22	-5.13	0.30	-0.06	-2.54	-0.18	-6.77
DRAGRH_COS		-90.53	240.23	19.56	-0.62	4.45	344.21	-8.09	-5.13	-0.61	0.49	-13.27	-0.09	-2.63	-1.47	0.99	7.82
DRAGRH_SIN		0.00	-54.43	22.03	-1.44	8.20	226.51	8.74	4.49	-4.38	12.77	10.02	-0.70	2.68	-0.94	0.62	-5.54

RUN	POINT	Harmonics															
54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.01	0.78	0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.02	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.01	1.25	-0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.85	0.51	-16.09	-4.17	-0.09	0.55	1.29	0.07	-0.21	-0.42	-0.62	0.28	-0.16	0.02	0.42	-0.08
ACT1FORCE_SIN		0.00	20.79	8.36	-2.81	0.00	1.20	-0.18	0.35	0.27	0.05	0.02	0.02	0.16	0.03	-0.06	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.67	-13.75	313.40	34.45	5.35	0.37	-11.55	0.05	0.02	0.05	-0.13	-0.05	-0.06	-0.04	0.04	-0.04
FA1IBVOLTAGE_SIN		0.00	-114.08	142.99	17.26	0.77	-4.47	10.68	0.02	0.04	0.02	0.00	0.07	0.06	0.03	-0.04	-0.05
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.16	13.95	-314.22	-34.83	-4.57	-0.25	11.55	-0.04	0.01	-0.05	0.13	0.06	0.06	0.05	-0.06	0.04
FA1OBVOLTAGE_SIN		0.00	114.50	-143.06	-17.63	-1.03	4.46	-10.74	-0.10	0.07	-0.01	-0.02	-0.06	-0.04	-0.01	0.04	0.03
MRBLD1CB42P75_COS		-659.06	-1326.09	675.92	-103.40	-149.81	-123.65	-66.03	-63.31	15.69	-11.34	-11.22	36.97	0.93	-5.89	4.62	-3.15
MRBLD1CB42P75_SIN		0.00	2419.11	-1.03	129.55	307.91	-125.77	-19.17	-30.50	8.55	22.59	-66.46	9.70	15.49	11.79	-6.56	33.92

RUN	POINT	Harmonics															
54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4470.11	-1085.78	528.83	-262.09	-78.31	-98.59	-21.23	-42.83	16.01	-4.26	-0.79	28.01	5.11	2.30	2.58	11.97
MRBLD1CB70_SIN		0.00	1771.54	-81.46	156.16	564.52	-124.36	87.69	8.78	11.05	20.24	-20.58	0.81	6.40	3.75	-11.08	40.96
MRBLD1CB120_COS		-282.00	-713.57	401.42	-159.97	13.31	-36.95	26.27	-12.46	9.87	3.09	-2.89	-19.84	3.91	5.94	4.68	-2.57
MRBLD1CB120_SIN		0.00	1099.15	-112.28	140.20	608.01	-54.33	168.09	-0.92	-39.45	-26.32	40.27	2.63	1.39	-1.33	-0.91	4.41
MRBLD1CB164_COS		-1992.48	-247.75	107.13	-51.35	13.99	-19.38	7.96	21.75	-0.97	0.78	-6.35	-18.12	-0.19	-4.15	-5.86	-7.12
MRBLD1CB164_SIN		0.00	369.10	10.84	86.83	238.85	-0.01	96.18	0.70	-37.45	-32.63	20.54	9.77	3.56	2.00	11.15	-27.38
MRBLD1FB42P75_COS		2534.96	282.45	98.55	572.99	9.75	-100.96	-87.77	-238.20	-68.60	-73.57	-83.91	24.85	9.06	3.84	0.71	52.26
MRBLD1FB42P75_SIN		0.00	-492.09	247.43	672.83	272.47	150.35	-13.59	-60.90	-69.33	-46.30	-72.57	3.31	11.95	-2.73	-41.46	35.72
MRBLD1FB70_COS		626.94	102.57	32.07	133.28	-4.85	-28.24	-17.38	-30.10	0.63	1.89	1.94	1.07	0.16	0.27	0.46	-9.47
MRBLD1FB70_SIN		0.00	-259.28	132.35	186.53	86.34	21.66	0.42	-4.24	-0.11	6.21	4.96	2.25	1.81	2.08	7.82	-7.71
MRBLD1FB87_COS		77.09	119.37	-29.76	45.43	-10.09	-14.08	-3.18	20.49	11.24	15.14	21.45	-5.12	-0.42	0.12	0.80	-10.93
MRBLD1FB87_SIN		0.00	-324.39	116.83	104.92	25.98	6.29	0.81	4.60	8.06	8.93	18.52	1.07	-1.09	1.77	11.17	-4.58
MRBLD1FB120_COS		-298.06	165.74	-112.19	2.62	-9.11	-3.49	-7.98	36.52	-8.39	-12.49	-13.62	-3.42	-5.15	-2.11	-1.37	16.15
MRBLD1FB120_SIN		0.00	-456.65	154.23	195.20	-8.72	19.38	10.90	11.98	5.79	-9.42	-14.88	-6.52	-5.55	-7.25	-17.99	6.34
MRBLD1FB164_COS		97.93	97.11	-102.47	95.84	20.40	52.15	44.55	-45.95	4.19	18.90	19.98	-2.68	0.14	-0.30	-2.17	-10.33
MRBLD1FB164_SIN		0.00	-536.83	40.05	307.82	33.54	-44.78	-34.06	-18.81	-5.66	11.63	20.37	2.10	-1.64	1.05	9.04	-3.07

RUN	POINT	Harmonics															
54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		8.90	-56.78	-55.57	62.84	28.48	41.42	23.24	-40.92	11.31	25.34	40.53	-19.62	-15.34	-9.05	-1.89	20.94
MRBLD1FB180_SIN		0.00	-365.04	-12.47	148.73	15.25	-18.15	-30.42	-24.76	6.05	24.24	33.21	-10.88	-16.21	-13.84	-22.49	6.56
MRBLD1TOR51_COS		-1464.50	111.10	23.31	124.77	-28.86	-19.53	6.39	-28.66	2.76	1.51	3.63	-1.10	-1.60	-0.30	5.30	2.80
MRBLD1TOR51_SIN		0.00	-92.87	-68.63	117.15	46.85	5.02	-34.95	-14.94	2.15	6.60	9.35	-5.37	-4.74	-5.22	-6.21	6.04
MRBLD1TOR71_COS		-316.16	129.91	-15.00	114.83	-15.09	-5.84	14.43	-16.27	3.41	3.06	4.63	-3.37	-0.76	0.05	2.92	1.64
MRBLD1TOR71_SIN		0.00	-104.19	-77.06	64.35	17.80	5.66	-28.47	-5.48	6.71	7.78	14.17	-5.70	-4.12	-4.19	-2.69	3.65
MRBLD1TOR130_COS		-61.66	103.60	-20.12	100.98	-3.79	0.02	14.70	-13.93	4.85	1.91	4.16	-0.77	-0.66	-1.38	-3.99	-2.22
MRBLD1TOR130_SIN		0.00	-69.83	-127.37	32.63	8.75	-1.54	-18.87	-8.63	0.48	0.01	1.36	1.47	2.99	1.78	3.52	-1.82
MRBLD1TOR164_COS		-281.10	41.21	-9.02	59.10	0.23	-10.20	2.77	-4.59	0.96	3.37	4.75	-2.48	0.22	0.51	-1.39	-1.51
MRBLD1TOR164_SIN		0.00	-4.07	-117.04	-38.82	5.55	2.21	-9.42	-0.96	2.07	-1.20	2.97	-2.68	-1.10	-0.45	0.13	0.12
MRFBM1CB26P5_COS		-872.61	-915.83	288.69	21.95	-69.79	-10.78	-7.16	-3.06	0.54	-1.18	-1.80	1.11	-0.71	-0.90	2.58	-3.06
MRFBM1CB26P5_SIN		0.00	1185.61	107.71	-62.27	-71.00	-24.49	-35.41	-15.75	-2.80	-2.80	-14.42	1.68	1.04	0.02	-0.67	0.02
MRFBM1FB9_COS		758.37	-326.09	-216.05	-51.88	25.28	25.23	13.10	7.92	-0.10	0.97	-0.75	-0.17	0.57	0.09	-1.36	1.18
MRFBM1FB9_SIN		0.00	-316.28	-108.92	-233.21	-42.23	-3.02	7.56	10.82	3.89	2.18	3.90	-0.88	-0.16	0.04	0.19	-2.27
MRFBM1TOR26P5_COS		-101.43	79.99	2.89	0.42	-1.57	-0.18	0.02	-0.28	-0.06	0.07	-0.08	0.14	0.01	0.03	0.11	0.10
MRFBM1TOR26P5_SIN		0.00	-261.03	0.83	1.05	0.12	0.40	-1.35	-0.19	0.07	0.20	0.04	0.05	-0.04	-0.01	-0.10	-0.03

RUN	POINT	Harmonics															
54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		247.34	-862.50	567.40	16.25	-93.45	-104.06	-75.55	-56.31	13.03	-10.68	-17.48	26.44	3.01	-2.20	8.68	-4.83
MRPC1CB33P25_SIN		0.00	2003.88	-41.18	92.77	128.41	-69.59	-20.16	-34.96	-16.15	-0.81	-57.58	4.21	10.32	8.00	-8.68	30.61
MRPC1FB33P25_COS		1830.06	241.58	-18.51	380.99	-43.52	-124.23	-67.61	-166.11	-17.81	-24.94	-15.27	19.89	-0.03	3.35	33.75	-2.40
MRPC1FB33P25_SIN		0.00	-224.71	200.08	656.56	244.48	90.32	-36.44	-155.93	-95.35	-76.43	-105.29	19.72	14.52	1.30	-22.80	69.64
MRPC1TOR25P5_COS		-351.18	-32.57	-47.09	-107.99	24.52	23.41	-7.09	23.89	-0.90	3.38	0.68	3.66	1.98	-0.45	-7.48	-6.83
MRPC1TOR25P5_SIN		0.00	-141.81	77.41	-108.56	-31.67	-10.79	44.52	12.38	-7.59	-13.27	-14.10	9.24	9.75	7.21	10.50	0.30
MRPLK1LOAD_COS		-1.39	-8.17	-6.01	-16.11	2.36	4.65	-2.28	4.14	0.91	0.30	0.62	-0.23	0.21	-0.01	-1.71	-1.46
MRPLK1LOAD_SIN		0.00	-12.15	8.96	-18.65	-4.51	-1.72	6.73	1.87	-0.84	-1.67	-1.17	0.25	1.14	0.94	1.66	0.12
PITCHRH_COS		13374.53	-9244.65	-19.64	121.84	30.35	-531.20	-152.05	-65.74	73.11	-95.45	78.27	56.08	19.13	41.01	-10.62	-157.60
PITCHRH_SIN		0.00	2117.33	-1350.25	-26.23	37.26	-796.82	-42.62	128.30	65.05	-89.05	-247.69	46.78	-40.78	-8.89	13.27	111.66
ROLLRH_COS		9176.61	-2042.98	1434.05	-163.61	76.97	-1175.20	-53.93	-46.00	-122.56	163.43	257.20	3.02	4.98	-65.65	85.93	124.09
ROLLRH_SIN		0.00	-9318.25	81.34	134.01	345.41	1373.48	-285.29	-106.75	20.39	-76.50	-54.13	-10.09	-61.64	67.20	-26.91	222.82
TORQ_COS		106691.92	517.76	-55.44	131.07	32.53	81.01	10.12	20.54	-2.07	2.05	23.70	-1.42	0.14	-0.12	-5.30	8.27
TORQ_SIN		0.00	890.91	-100.37	70.02	-108.75	181.42	12.21	66.16	-16.93	-5.98	55.11	5.33	-6.04	4.20	-2.05	2.00
THRUST_COS		6040.36	-124.14	1.96	30.98	2.67	44.32	6.67	25.83	-2.83	-5.69	30.95	-7.55	-5.03	-3.20	0.67	-15.49
THRUST_SIN		0.00	-135.19	-26.42	-5.32	27.14	-51.28	10.32	15.63	-1.84	2.12	50.66	-0.54	2.30	-3.17	8.10	-29.54

RUN	POINT	Harmonics															
54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-116.75	63.33	-35.39	-3.84	-19.97	-96.65	2.46	-0.69	0.93	-7.33	-11.88	-0.12	-0.60	1.84	-2.79	-3.54
SIDERH_SIN		0.00	230.46	-0.52	-2.08	-52.64	-156.88	7.88	1.53	-0.57	4.04	-2.82	0.92	1.53	-2.02	0.43	-6.28
DRAGRH_COS		-53.25	239.15	22.41	1.18	9.21	421.44	0.98	-4.97	-2.43	3.12	-12.55	0.28	0.41	-1.17	1.22	7.53
DRAGRH_SIN		0.00	-58.26	15.98	-3.29	8.05	139.25	16.25	6.24	-4.98	6.96	12.70	-1.41	3.38	0.67	0.30	-5.84

RUN	POINT	Harmonics															
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.31	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.03	0.00	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.69	-0.01	0.00	0.00	0.00	0.01	0.02	0.01	-0.02	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.41	0.46	-10.74	-4.09	-1.83	0.44	-0.39	0.18	-0.33	-0.07	0.93	0.00	0.07	-0.24	-0.24	-0.02
ACT1FORCE_SIN		0.00	20.17	9.99	-0.74	-0.04	0.11	-0.88	0.31	0.51	0.31	0.09	-0.01	0.13	0.01	0.19	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		398.60	-11.48	353.61	29.63	15.80	3.16	9.63	0.01	0.10	0.02	0.08	0.07	-0.02	0.04	0.05	-0.01
FA1IBVOLTAGE_SIN		0.00	-110.79	3.51	1.43	0.41	0.24	11.21	-0.16	-0.11	-0.03	0.22	0.02	0.06	-0.05	0.01	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		407.25	11.80	-354.42	-30.09	-15.44	-3.09	-9.68	-0.05	0.01	0.01	-0.09	-0.08	0.02	-0.04	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	111.17	-2.96	-1.63	-1.22	-0.31	-11.25	0.09	0.00	0.04	-0.19	-0.05	-0.07	0.03	-0.01	0.00
MRBLD1CB42P75_COS		-683.93	-988.67	653.69	-85.21	-124.81	-154.35	-70.08	-53.41	21.38	-9.91	-11.22	38.78	2.93	-5.03	1.54	1.74
MRBLD1CB42P75_SIN		0.00	2365.43	-50.06	129.69	318.18	-119.00	-20.66	-11.73	2.52	22.53	-63.01	-20.26	18.01	14.43	-4.38	33.62

RUN	POINT	Harmonics															
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4440.46	-855.34	525.64	-256.47	-23.52	-142.11	-37.45	-24.86	22.82	-5.02	2.28	25.49	3.57	0.64	-1.85	17.08
MRBLD1CB70_SIN		0.00	1759.32	-134.69	199.57	552.21	-139.60	65.82	7.08	9.66	21.66	-30.87	-20.41	7.46	3.72	-8.80	36.73
MRBLD1CB120_COS		-299.64	-618.07	405.61	-148.40	59.54	-75.22	11.17	17.51	1.30	1.68	5.29	-18.14	2.06	4.44	4.25	-2.34
MRBLD1CB120_SIN		0.00	1127.70	-143.43	174.09	600.94	-89.77	127.57	-27.80	-42.74	-32.78	39.57	16.10	-2.67	-2.57	-3.59	3.04
MRBLD1CB164_COS		-2003.66	-227.31	129.17	-37.41	19.71	-31.58	4.46	32.99	-8.47	-0.67	-5.06	-14.01	1.71	-2.23	-3.06	-9.87
MRBLD1CB164_SIN		0.00	389.96	-9.86	112.81	231.42	-20.07	77.82	-17.20	-42.85	-39.74	28.79	22.87	1.77	3.56	10.20	-24.02
MRBLD1FB42P75_COS		2567.26	206.89	32.90	745.10	-51.07	-113.41	-98.36	-201.62	-100.38	-87.66	-59.16	19.03	11.91	1.90	-6.56	53.44
MRBLD1FB42P75_SIN		0.00	-456.11	290.58	657.57	369.76	154.10	-15.98	-53.54	-73.83	-56.14	-50.31	-22.12	16.02	2.04	-37.23	26.25
MRBLD1FB70_COS		633.13	102.19	13.86	190.88	-24.30	-32.97	-18.63	-22.02	-1.59	2.14	3.06	1.27	0.18	1.08	1.66	-9.74
MRBLD1FB70_SIN		0.00	-257.41	142.83	192.87	111.56	20.36	-3.10	-4.86	-2.68	3.36	2.53	2.03	0.42	0.56	6.58	-6.41
MRBLD1FB87_COS		79.89	115.04	-34.05	79.18	-23.67	-14.66	-1.55	17.65	15.60	17.94	16.44	-2.62	-1.09	0.86	2.63	-10.49
MRBLD1FB87_SIN		0.00	-327.72	122.08	118.67	34.86	4.86	-1.23	3.36	8.25	10.16	13.26	8.02	-2.21	0.78	10.46	-2.37
MRBLD1FB120_COS		-297.91	160.15	-111.23	44.32	-24.13	-0.47	-4.74	25.11	-4.37	-12.45	-14.12	-6.27	-5.48	-3.99	-4.46	15.20
MRBLD1FB120_SIN		0.00	-472.18	153.10	227.51	-11.09	17.12	15.17	13.76	8.98	-4.31	-9.93	-9.80	-2.11	-4.97	-16.69	3.59
MRBLD1FB164_COS		105.94	118.44	-176.60	117.32	59.66	58.29	39.73	-31.51	-2.44	19.35	18.72	-0.81	-0.94	0.19	0.10	-9.56
MRBLD1FB164_SIN		0.00	-548.72	118.16	297.33	16.88	-42.29	-31.65	-22.39	-11.17	6.87	15.45	9.57	-2.63	0.03	9.03	0.23

RUN	POINT	Harmonics															
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		14.72	-34.74	-123.91	60.67	59.93	42.42	18.76	-26.34	9.88	30.16	29.10	-19.27	-19.18	-13.52	-6.43	19.90
MRBLD1FB180_SIN		0.00	-370.42	60.21	129.86	6.19	-16.44	-32.53	-30.75	2.37	25.74	27.12	4.80	-13.11	-9.60	-20.49	2.26
MRBLD1TOR51_COS		-1451.23	143.02	-80.63	131.19	-4.35	-22.22	5.42	-28.12	1.17	1.22	6.58	-3.12	-1.25	-2.02	2.32	4.79
MRBLD1TOR51_SIN		0.00	-52.09	-6.36	51.63	67.90	12.94	-40.59	-15.22	-0.75	5.20	2.62	-2.02	-4.68	-3.93	-7.36	3.15
MRBLD1TOR71_COS		-304.29	155.67	-110.88	113.69	8.73	-6.89	14.90	-17.13	2.89	2.71	6.60	-5.77	-0.43	-1.19	0.96	2.98
MRBLD1TOR71_SIN		0.00	-65.05	-17.07	0.92	32.78	13.61	-33.20	-6.91	5.08	7.50	7.28	-0.50	-4.56	-2.73	-3.33	2.04
MRBLD1TOR130_COS		-50.59	131.38	-113.60	88.12	22.78	-0.77	16.29	-13.79	3.32	1.63	4.67	-0.14	0.32	-0.37	-2.90	-2.86
MRBLD1TOR130_SIN		0.00	-30.12	-65.74	-30.41	15.20	6.85	-22.72	-9.23	-1.33	-1.12	-0.28	2.55	2.64	3.04	4.71	-0.09
MRBLD1TOR164_COS		-274.75	59.87	-68.41	42.02	10.97	-11.63	5.12	-4.32	0.99	2.30	2.33	-2.74	-0.91	0.71	-0.05	-2.52
MRBLD1TOR164_SIN		0.00	27.82	-78.85	-81.30	7.93	6.98	-13.12	-1.35	3.09	-0.05	1.42	-1.03	-1.07	-0.63	0.91	1.59
MRFBM1CB26P5_COS		-897.05	-694.11	272.20	19.50	-69.29	-12.02	-5.57	-6.08	-0.20	-1.28	-2.58	2.07	-0.46	-1.18	2.46	-3.11
MRFBM1CB26P5_SIN		0.00	1159.67	92.24	-88.55	-56.61	-18.37	-30.63	-9.88	-4.06	-3.80	-9.86	0.90	1.36	0.36	-1.27	0.53
MRFBM1FB9_COS		786.07	-462.18	-169.10	-95.15	35.95	26.76	12.66	6.60	0.45	1.15	-0.47	-1.04	0.75	0.34	-1.10	0.94
MRFBM1FB9_SIN		0.00	-234.47	-121.16	-245.30	-51.58	-2.88	9.15	9.46	4.94	2.99	3.39	-0.09	-0.30	0.12	0.40	-2.32
MRFBM1TOR26P5_COS		-101.68	79.66	2.09	0.49	-0.99	0.00	-0.26	-0.29	-0.09	0.09	-0.01	0.14	0.00	0.01	0.08	0.10
MRFBM1TOR26P5_SIN		0.00	-260.70	1.40	0.47	0.81	0.30	-1.28	-0.19	0.07	0.13	0.02	-0.03	-0.03	-0.04	-0.12	-0.09

RUN	POINT	Harmonics															
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		236.54	-611.31	550.23	34.48	-98.24	-121.28	-69.81	-47.52	10.22	-9.53	-16.07	25.96	4.05	-2.07	5.26	-0.60
MRPC1CB33P25_SIN		0.00	1940.54	-74.56	64.74	145.34	-60.72	-18.58	-18.95	-21.07	-2.08	-47.77	-15.01	12.14	9.54	-7.94	30.56
MRPC1FB33P25_COS		1857.81	175.95	-76.59	527.04	-115.18	-136.56	-75.44	-141.39	-40.81	-31.21	-11.16	32.64	-0.67	-1.77	27.40	7.39
MRPC1FB33P25_SIN		0.00	-197.97	225.23	673.27	309.90	88.56	-41.61	-136.07	-112.37	-92.03	-75.18	-3.57	19.38	2.45	-26.31	65.40
MRPC1TOR25P5_COS		-366.32	-61.32	61.86	-110.55	-4.33	24.61	-4.45	24.04	0.09	2.69	-3.06	6.81	2.36	1.50	-2.93	-8.11
MRPC1TOR25P5_SIN		0.00	-184.76	10.32	-36.67	-53.52	-19.75	50.70	14.14	-5.47	-11.72	-6.10	4.60	9.72	6.93	12.33	5.51
MRPLK1LOAD_COS		-3.61	-11.55	8.26	-16.77	-1.67	4.75	-1.48	4.04	1.15	0.23	-0.06	-0.02	0.30	0.31	-1.04	-1.63
MRPLK1LOAD_SIN		0.00	-17.62	-0.06	-8.84	-7.81	-2.89	7.61	2.03	-0.64	-1.25	-0.24	0.08	1.06	1.13	2.10	1.16
PITCHRH_COS		15849.56	-9217.88	-228.27	133.70	59.51	-1026.86	-93.08	-84.16	91.98	-88.48	161.79	51.83	13.29	16.69	0.90	-96.11
PITCHRH_SIN		0.00	2068.56	-1339.19	-24.29	-29.41	-160.20	22.60	95.06	-43.07	-94.32	-363.58	36.34	-42.02	-6.25	5.63	142.58
ROLLRH_COS		7713.40	-2071.31	1422.54	-155.36	109.58	-1539.60	-197.96	-63.74	41.40	222.60	232.98	4.31	-35.07	-70.18	87.97	235.84
ROLLRH_SIN		0.00	-9356.80	-134.28	203.98	304.16	883.38	-202.59	-133.23	-68.69	-96.45	-102.78	-34.54	-31.23	71.18	-25.27	246.56
TORQ_COS		106422.84	514.86	-64.80	124.08	3.27	120.59	8.12	29.14	-8.34	2.42	24.53	-1.47	0.87	-1.02	-6.19	9.69
TORQ_SIN		0.00	854.72	-72.74	76.53	-108.48	132.35	11.54	38.33	-9.04	-5.76	35.16	6.63	-4.49	4.64	-1.77	0.09
THRUST_COS		6129.20	-123.64	-15.78	33.51	8.45	56.65	11.13	21.16	-0.29	-3.61	15.25	-3.69	-1.36	0.32	4.93	-19.94
THRUST_SIN		0.00	-141.42	-30.88	-5.07	23.44	-54.17	6.52	7.49	-0.97	6.30	35.29	5.03	4.52	1.51	3.92	-29.23

RUN	POINT	Harmonics															
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-127.55	61.84	-31.87	-3.57	-27.91	-46.60	12.50	-1.54	-3.03	-10.13	-10.52	0.11	0.59	1.66	-2.97	-6.82
SIDERH_SIN		0.00	235.37	10.19	-0.62	-36.26	-118.42	6.60	3.86	3.24	5.18	0.22	1.86	0.55	-2.31	0.54	-7.01
DRAGRH_COS		-22.59	238.92	21.67	-0.92	11.09	383.18	-9.92	2.09	-1.24	-0.89	-15.53	0.06	-0.10	-0.25	1.10	5.51
DRAGRH_SIN		0.00	-58.82	10.47	-4.66	7.07	77.55	-8.87	7.91	-3.72	8.92	19.74	-1.58	1.84	0.44	-0.87	-7.61

RUN	POINT	Harmonics															
54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.49	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.02	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-0.02	0.00	-0.01	0.00	0.00	0.00	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.86	-0.76	-5.64	-2.90	-3.25	0.46	-1.08	0.14	-0.06	0.02	-0.41	0.29	0.13	0.16	0.02	-0.31
ACT1FORCE_SIN		0.00	19.63	8.37	1.16	0.09	-0.60	1.47	-0.26	0.37	-0.35	-0.69	0.15	0.01	0.15	-0.25	-0.20
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.45	-3.38	319.65	13.34	23.83	3.70	11.49	-0.09	-0.06	0.01	-0.02	-0.03	-0.02	-0.09	-0.04	0.00
FA1IBVOLTAGE_SIN		0.00	-111.82	-128.51	-8.17	-2.05	0.20	-16.50	-0.06	-0.13	-0.06	-0.14	0.06	0.04	-0.03	-0.11	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.39	3.70	-320.18	-13.82	-24.22	-3.69	-11.47	0.03	-0.13	0.01	0.02	0.02	0.01	0.08	0.03	0.01
FA1OBVOLTAGE_SIN		0.00	112.14	129.30	8.14	1.23	-0.31	16.46	0.09	0.06	0.04	0.15	-0.03	-0.01	0.04	0.10	0.08
MRBLD1CB42P75_COS		-675.45	-1059.93	626.80	-81.66	-38.24	-154.58	-56.66	-52.47	8.41	-27.55	0.66	40.57	-0.33	-8.26	5.84	-3.77
MRBLD1CB42P75_SIN		0.00	2069.94	-58.14	147.03	352.31	-97.31	-20.63	-4.41	-1.42	22.81	-85.64	-9.86	22.27	12.78	-14.15	34.40

RUN	POINT	Harmonics															
54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4458.35	-880.89	498.49	-239.94	173.48	-136.83	-17.23	-39.97	13.39	-24.43	5.86	28.34	2.26	-1.02	0.88	8.39
MRBLD1CB70_SIN		0.00	1550.35	-166.18	273.22	555.09	-139.25	30.29	7.33	3.60	24.98	-38.44	-15.47	10.43	3.82	-17.33	40.29
MRBLD1CB120_COS		-270.24	-620.82	375.47	-109.56	242.40	-63.04	35.67	-16.12	3.79	13.29	-7.56	-18.92	4.17	3.92	3.80	-4.23
MRBLD1CB120_SIN		0.00	1014.93	-155.63	254.00	580.48	-113.60	64.90	-28.62	-37.93	-26.15	53.05	11.35	-2.37	-1.35	1.06	2.69
MRBLD1CB164_COS		-1989.66	-228.72	127.37	0.38	84.75	-23.34	21.14	17.72	-4.54	16.85	-12.40	-17.48	2.05	-0.88	-6.73	-3.41
MRBLD1CB164_SIN		0.00	355.58	-33.27	161.69	224.46	-40.40	48.93	-21.33	-35.28	-35.43	34.54	19.95	1.77	4.36	15.31	-24.86
MRBLD1FB42P75_COS		2568.38	232.90	17.20	1019.89	-163.47	-125.75	-100.60	-211.45	-111.83	-78.07	-74.50	30.70	14.63	-2.60	-7.16	49.21
MRBLD1FB42P75_SIN		0.00	-397.11	354.06	690.93	415.49	156.10	-27.94	-16.58	-61.39	-81.31	-72.73	-19.35	15.57	2.92	-52.86	37.27
MRBLD1FB70_COS		629.44	108.00	13.33	287.71	-48.25	-33.96	-16.95	-24.14	-4.20	0.67	2.11	0.76	-0.11	1.40	1.71	-8.78
MRBLD1FB70_SIN		0.00	-262.94	159.51	214.91	122.11	20.27	-5.57	2.74	0.01	3.54	2.95	2.32	0.76	0.95	9.74	-8.79
MRBLD1FB87_COS		75.63	117.28	-31.74	139.16	-38.68	-14.56	-1.24	18.13	17.13	16.63	19.97	-5.69	-1.72	1.89	3.01	-9.65
MRBLD1FB87_SIN		0.00	-326.61	127.57	137.39	39.98	3.67	-0.60	0.49	7.33	14.49	19.70	7.45	-2.12	0.77	14.00	-4.69
MRBLD1FB120_COS		-301.11	158.25	-107.41	116.95	-31.99	0.30	-0.95	29.31	-0.74	-10.00	-13.80	-4.18	-4.09	-4.30	-4.60	14.36
MRBLD1FB120_SIN		0.00	-462.07	142.63	252.45	-4.24	8.95	17.93	1.43	3.67	-5.97	-14.08	-9.70	-3.04	-5.44	-21.98	6.66
MRBLD1FB164_COS		93.22	158.36	-197.42	144.28	95.34	56.91	38.41	-36.86	-4.82	16.72	20.10	-2.07	-2.10	0.69	0.69	-9.26
MRBLD1FB164_SIN		0.00	-532.86	212.37	290.16	14.39	-40.29	-27.10	-5.86	-5.23	8.75	18.57	8.80	-1.32	-1.42	11.18	-1.88

RUN	POINT	Harmonics															
54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		7.84	-0.23	-139.46	50.82	86.23	39.48	19.33	-31.42	6.23	28.82	35.41	-24.04	-16.36	-10.39	-6.02	17.88
MRBLD1FB180_SIN		0.00	-362.44	149.15	118.09	3.40	-14.83	-31.19	-12.43	2.84	30.93	38.83	-0.81	-17.47	-12.16	-26.41	6.55
MRBLD1TOR51_COS		-1446.36	184.20	-142.21	119.73	25.39	-28.54	9.47	-38.65	-1.25	-1.03	1.02	-1.73	-0.33	0.62	4.09	2.54
MRBLD1TOR51_SIN		0.00	-41.34	92.55	18.34	72.29	12.65	-48.81	-11.76	-0.30	7.18	4.92	-5.04	-5.81	-4.41	-7.86	3.21
MRBLD1TOR71_COS		-301.42	195.08	-166.29	93.37	35.32	-12.63	17.54	-25.77	1.47	0.79	1.90	-5.43	-0.01	1.08	1.94	1.25
MRBLD1TOR71_SIN		0.00	-51.14	76.27	-34.91	34.52	14.04	-40.83	-5.44	5.87	9.67	10.16	-3.59	-5.41	-2.89	-3.43	1.83
MRBLD1TOR130_COS		-47.88	171.52	-163.76	52.02	50.55	-6.18	18.33	-20.04	1.21	2.32	3.75	-1.89	-1.25	-0.83	-3.38	-2.44
MRBLD1TOR130_SIN		0.00	-13.93	28.62	-70.75	13.93	9.91	-30.81	-7.97	-0.29	-0.66	-0.72	2.65	2.97	2.89	4.41	-0.15
MRBLD1TOR164_COS		-271.11	86.55	-101.58	7.25	23.11	-13.15	5.95	-6.05	0.72	2.40	3.70	-4.25	-1.41	-0.12	0.23	-2.05
MRBLD1TOR164_SIN		0.00	38.83	-17.70	-110.33	3.05	10.49	-18.13	-2.78	3.27	0.80	2.56	-1.49	-0.42	-0.75	0.51	2.23
MRFBM1CB26P5_COS		-891.20	-681.30	258.93	-1.71	-87.44	-15.58	-7.39	-1.27	-1.18	0.44	-0.42	2.42	-0.16	-1.00	3.29	-2.69
MRFBM1CB26P5_SIN		0.00	971.16	88.24	-115.57	-30.73	-10.25	-20.65	-6.51	-3.99	-4.97	-13.28	2.04	1.62	0.09	-1.22	-0.10
MRFBM1FB9_COS		781.56	-428.78	-153.23	-158.19	47.22	27.46	9.59	8.56	1.05	0.55	-1.29	-1.22	0.71	0.23	-1.85	1.27
MRFBM1FB9_SIN		0.00	-137.78	-161.46	-279.50	-55.00	-2.13	7.83	8.34	4.90	3.21	3.86	-0.70	-0.58	0.15	0.40	-2.24
MRFBM1TOR26P5_COS		-101.74	83.66	1.56	0.31	-0.13	-0.14	-0.20	-0.35	-0.11	-0.01	-0.13	0.23	0.05	0.02	0.06	0.11
MRFBM1TOR26P5_SIN		0.00	-259.16	2.10	0.24	1.11	0.03	-0.97	-0.11	0.04	0.15	0.09	-0.05	-0.07	-0.04	-0.10	-0.09

RUN	POINT	Harmonics															
54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		243.99	-714.10	533.59	23.30	-98.77	-120.95	-57.67	-42.19	2.37	-13.80	-9.71	28.62	1.98	-5.55	9.42	-5.14
MRPC1CB33P25_SIN		0.00	1718.75	-62.09	44.78	179.72	-42.65	-14.18	-12.49	-21.04	-2.11	-66.97	-7.65	15.04	8.13	-14.77	30.02
MRPC1FB33P25_COS		1858.57	191.51	-97.02	748.95	-215.19	-146.45	-72.83	-161.29	-53.83	-11.28	-8.25	38.68	0.77	-5.05	39.99	-5.36
MRPC1FB33P25_SIN		0.00	-149.48	267.29	751.00	323.87	86.12	-52.65	-111.18	-107.20	-106.08	-100.92	6.05	21.37	-0.92	-38.20	66.64
MRPC1TOR25P5_COS		-369.77	-102.75	126.91	-91.34	-36.46	31.13	-9.40	34.77	2.05	6.60	4.68	3.77	0.11	-1.83	-4.08	-6.54
MRPC1TOR25P5_SIN		0.00	-199.66	-95.53	4.82	-57.97	-17.63	58.94	10.35	-5.13	-13.70	-11.41	9.21	12.15	7.38	11.47	5.15
MRPLK1LOAD_COS		-4.29	-16.73	16.77	-14.48	-6.20	5.72	-2.12	5.52	1.45	0.88	1.23	-0.67	-0.26	-0.10	-1.11	-1.52
MRPLK1LOAD_SIN		0.00	-19.76	-14.03	-3.18	-8.84	-2.39	8.42	1.34	-0.44	-1.51	-1.08	0.71	1.50	1.22	1.91	1.00
PITCHRH_COS		15626.52	-9195.20	-338.09	159.04	38.73	-1776.65	-140.74	-92.86	0.68	-90.68	198.23	23.52	51.35	1.39	-17.67	-73.71
PITCHRH_SIN		0.00	1916.86	-1180.10	-44.78	-35.86	442.18	26.97	53.43	-11.61	-6.44	-352.46	14.89	-46.75	-16.61	-7.74	67.63
ROLLRH_COS		5551.34	-1912.74	1255.16	-168.91	219.62	-1599.23	-149.28	-62.46	9.53	162.32	202.09	7.49	2.03	-76.46	101.26	252.99
ROLLRH_SIN		0.00	-9364.97	-249.54	188.46	200.29	134.31	-204.59	-86.83	-11.61	-119.18	-53.42	-40.36	1.48	63.08	-26.04	263.95
TORQ_COS		106501.27	457.89	-50.90	109.93	-80.33	130.12	9.76	1.08	-2.61	-0.84	23.20	-3.40	1.19	-1.28	-3.86	9.49
TORQ_SIN		0.00	877.62	-60.61	93.30	-148.66	65.94	12.76	25.05	-13.22	-4.55	54.18	2.76	-5.52	4.53	-2.63	2.15
THRUST_COS		6126.61	-111.89	-31.97	33.24	11.99	75.62	5.34	11.31	-1.44	-2.61	21.64	-7.05	-0.24	2.29	0.99	-13.82
THRUST_SIN		0.00	-152.63	-23.37	-4.46	23.33	-43.86	9.38	9.09	-2.34	3.66	52.47	3.25	2.41	3.72	4.45	-33.78

RUN	POINT	Harmonics															
54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.95	60.58	-23.45	-1.01	-30.25	-13.95	8.84	1.09	-1.65	-6.71	-8.85	-0.30	-0.83	2.04	-3.26	-7.23
SIDERH_SIN		0.00	238.46	9.47	0.45	-13.14	-42.28	6.73	2.61	1.49	6.76	-2.74	1.82	-0.13	-1.95	0.52	-7.18
DRAGRH_COS		-24.19	238.49	20.37	-2.24	13.42	332.09	-5.21	0.32	-0.74	2.70	-18.39	0.85	-0.74	0.36	1.27	5.41
DRAGRH_SIN		0.00	-57.36	7.86	-5.23	1.18	-79.84	1.19	-0.03	-7.29	5.06	14.02	-1.90	2.82	0.43	0.13	-4.18

RUN	POINT	Harmonics															
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.03	0.01	0.00	-0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-0.76	0.00	0.00	0.00	-0.01	0.00	0.00	0.02	0.01	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.01	-1.76	-1.34	-0.49	-3.19	-0.05	1.18	-0.24	-0.11	-0.31	0.33	0.35	0.04	-0.16	0.01	-0.11
ACT1FORCE_SIN		0.00	19.79	3.76	1.76	1.56	-0.06	2.02	0.20	-0.01	0.17	0.82	0.04	0.06	-0.03	0.53	0.05
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		398.11	2.86	222.76	-4.60	24.13	1.79	-12.83	0.00	0.01	-0.06	-0.18	0.06	-0.03	0.03	-0.04	-0.04
FA1IBVOLTAGE_SIN		0.00	-118.88	-231.66	-5.05	-8.80	-5.39	-19.28	0.01	-0.03	0.01	0.12	0.04	0.01	-0.02	0.03	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		407.69	-2.57	-222.90	4.21	-24.90	-1.83	12.83	0.00	-0.05	0.04	0.18	-0.05	0.05	-0.02	0.04	0.05
FA1OBVOLTAGE_SIN		0.00	119.12	232.54	5.19	8.59	5.33	19.18	0.07	0.21	-0.01	-0.10	-0.06	-0.04	0.01	-0.03	0.04
MRBLD1CB42P75_COS		-676.67	-615.27	541.05	-49.46	46.94	-159.72	-62.15	-20.46	8.35	-20.47	28.60	21.90	-1.13	-9.55	-1.63	-4.95
MRBLD1CB42P75_SIN		0.00	2020.08	-61.41	122.45	280.24	-55.79	-30.94	-17.02	4.13	27.78	-77.14	-11.17	19.72	12.28	-10.50	33.07

RUN	POINT	Harmonics															
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4441.58	-574.66	413.30	-152.75	293.01	-167.91	-42.13	-16.49	11.22	-17.70	24.30	16.71	-0.34	-3.95	-4.46	5.56
MRBLD1CB70_SIN		0.00	1519.80	-196.35	286.41	386.40	-101.62	-25.30	6.00	4.99	34.51	-55.41	-12.04	9.33	3.84	-12.81	40.61
MRBLD1CB120_COS		-279.17	-487.64	309.53	-15.48	323.28	-102.49	1.37	-2.99	-6.09	12.77	-17.63	-9.82	3.37	2.01	5.20	-5.86
MRBLD1CB120_SIN		0.00	1014.74	-179.28	253.70	420.28	-105.38	-20.86	-20.58	-43.14	-32.56	58.32	12.17	-4.28	-0.76	-0.06	2.84
MRBLD1CB164_COS		-1990.30	-200.34	109.71	64.74	104.52	-47.10	15.01	9.68	-9.17	14.77	-25.26	-10.87	2.88	0.85	-3.04	-0.25
MRBLD1CB164_SIN		0.00	362.28	-64.63	159.07	172.72	-49.16	6.94	-13.33	-41.69	-44.74	56.38	17.37	-2.46	2.85	11.79	-25.65
MRBLD1FB42P75_COS		2611.85	141.68	22.22	1127.07	-215.24	-87.05	-132.02	-129.01	-113.94	-81.63	4.65	10.61	15.20	3.75	-7.89	47.46
MRBLD1FB42P75_SIN		0.00	-346.38	443.32	467.07	522.54	157.40	-10.99	-76.45	-50.95	-92.60	-19.62	-19.92	9.29	8.66	-44.05	41.68
MRBLD1FB70_COS		645.90	112.23	10.05	337.89	-60.30	-24.58	-23.11	-10.41	-4.58	0.51	2.85	0.63	-0.75	0.54	1.19	-8.64
MRBLD1FB70_SIN		0.00	-248.13	189.07	146.76	147.07	24.34	-3.48	-6.71	1.53	3.42	1.62	3.15	1.36	-0.12	8.23	-9.97
MRBLD1FB87_COS		83.66	117.46	-25.89	178.86	-46.95	-12.52	1.56	10.53	17.76	16.50	1.78	-0.54	-2.29	0.51	3.03	-10.13
MRBLD1FB87_SIN		0.00	-322.66	141.66	103.97	55.95	2.42	-2.12	5.47	5.50	16.65	8.03	7.01	-0.63	-0.14	12.17	-5.06
MRBLD1FB120_COS		-302.57	149.11	-93.85	176.34	-31.24	-9.80	10.04	8.56	0.46	-8.72	-9.44	-5.54	-0.87	-1.21	-3.30	15.45
MRBLD1FB120_SIN		0.00	-475.92	147.91	222.11	10.01	4.24	15.46	15.07	1.19	-5.82	-9.25	-9.92	-4.03	-4.09	-19.36	8.14
MRBLD1FB164_COS		84.41	185.63	-162.59	128.72	141.00	49.88	28.69	-5.92	-4.66	11.89	8.04	2.36	-3.24	-2.34	1.47	-8.77
MRBLD1FB164_SIN		0.00	-582.62	350.47	240.67	-35.82	-43.07	-26.82	-27.56	-1.35	10.46	7.56	9.38	1.41	-3.31	8.48	-1.63

RUN	POINT	Harmonics															
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		5.06	20.04	-103.67	17.58	108.10	42.21	11.99	-8.06	3.16	30.66	2.02	-17.08	-14.55	-5.82	-2.89	19.63
MRBLD1FB180_SIN		0.00	-403.11	264.96	103.63	-35.03	-22.47	-26.25	-29.05	1.10	30.07	17.66	-0.45	-19.95	-10.49	-22.40	7.72
MRBLD1TOR51_COS		-1444.67	237.36	-150.72	69.01	52.47	-29.24	5.30	-27.12	-3.09	3.85	3.47	-3.38	-0.53	1.08	4.02	1.90
MRBLD1TOR51_SIN		0.00	-52.24	225.42	-31.32	53.05	19.64	-50.75	-12.20	-3.48	7.45	1.32	-1.88	-5.92	-4.28	-6.34	5.00
MRBLD1TOR71_COS		-300.05	239.33	-170.78	38.74	58.14	-13.30	14.24	-20.78	0.41	4.78	1.63	-5.52	-0.17	1.37	2.54	0.67
MRBLD1TOR71_SIN		0.00	-59.18	199.11	-74.22	16.82	19.27	-41.59	-5.27	2.45	10.33	4.19	-0.07	-5.40	-3.12	-1.86	2.99
MRBLD1TOR130_COS		-49.09	217.59	-164.56	-11.62	71.58	-5.91	13.66	-14.57	-0.23	4.66	4.21	-2.45	-0.92	-1.28	-3.13	-2.47
MRBLD1TOR130_SIN		0.00	-22.63	147.01	-97.04	-8.94	15.28	-32.76	-8.68	-1.12	-1.18	2.50	3.75	2.87	2.50	4.85	-1.15
MRBLD1TOR164_COS		-272.25	119.99	-101.89	-40.96	26.03	-8.22	1.32	-7.01	1.54	2.80	0.31	-2.31	-0.38	-0.74	0.66	-1.63
MRBLD1TOR164_SIN		0.00	38.17	53.26	-115.92	-9.66	15.50	-17.54	-4.88	3.28	2.08	-1.64	-0.78	0.71	0.01	-0.05	1.74
MRFBM1CB26P5_COS		-877.86	-415.91	225.24	-36.61	-72.38	-13.83	-3.95	1.31	0.01	0.26	1.44	0.96	0.30	-0.69	3.10	-2.88
MRFBM1CB26P5_SIN		0.00	953.21	90.70	-126.27	-3.31	-7.66	-9.03	-10.34	-3.21	-6.38	-3.31	0.55	1.31	0.53	-1.15	-0.04
MRFBM1FB9_COS		806.62	-584.31	-127.16	-204.64	52.82	24.90	8.59	3.28	1.53	0.71	-1.10	-0.68	0.62	0.43	-1.40	1.50
MRFBM1FB9_SIN		0.00	-41.46	-222.01	-232.17	-62.92	-4.94	9.61	7.17	5.26	3.44	1.40	0.18	-0.37	0.10	0.66	-2.12
MRFBM1TOR26P5_COS		-101.90	83.86	1.45	-0.06	0.74	-0.30	0.01	-0.16	-0.11	0.00	-0.02	0.18	0.02	0.04	0.05	0.12
MRFBM1TOR26P5_SIN		0.00	-259.85	3.42	-0.07	0.76	0.11	-0.86	-0.05	-0.01	0.15	0.04	-0.09	-0.07	-0.04	-0.15	-0.06

RUN	POINT	Harmonics															
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		243.99	-372.80	478.08	15.33	-66.88	-115.85	-53.96	-17.46	1.74	-7.35	11.50	14.69	2.73	-6.20	3.44	-6.80
MRPC1CB33P25_SIN		0.00	1663.37	-52.53	4.70	177.13	-16.43	-15.99	-30.04	-12.80	-3.96	-46.82	-7.55	13.60	9.02	-10.59	29.32
MRPC1FB33P25_COS		1899.64	110.30	-106.14	880.22	-278.94	-117.09	-105.83	-72.79	-58.89	-8.20	19.33	25.14	7.02	-4.92	32.26	-10.69
MRPC1FB33P25_SIN		0.00	-108.04	333.43	585.24	398.20	99.26	-50.69	-126.19	-100.21	-115.96	-16.00	-6.54	18.16	7.81	-31.71	69.65
MRPC1TOR25P5_COS		-366.57	-152.17	133.86	-30.38	-66.01	33.64	-6.43	24.87	3.93	1.83	2.17	5.17	1.23	-2.89	-4.54	-7.48
MRPC1TOR25P5_SIN		0.00	-187.05	-236.03	55.03	-38.87	-23.01	61.44	9.90	-1.22	-13.76	-2.78	5.91	12.29	7.69	11.95	2.83
MRPLK1LOAD_COS		-3.87	-22.82	17.42	-6.27	-10.52	6.10	-1.71	3.74	1.79	0.32	0.45	-0.19	-0.03	-0.38	-0.96	-1.73
MRPLK1LOAD_SIN		0.00	-17.46	-32.87	3.84	-6.25	-3.23	8.59	1.27	0.23	-1.48	-0.21	0.50	1.64	1.12	2.23	0.70
PITCHRH_COS		18414.28	-9189.43	-416.59	136.46	60.42	-1792.14	-7.21	-160.62	-20.68	-24.73	164.07	19.68	25.24	15.05	-42.23	-102.11
PITCHRH_SIN		0.00	1754.65	-987.75	-62.36	-67.18	1568.22	52.81	89.53	61.90	0.67	-416.12	2.16	-25.94	-19.52	6.72	58.18
ROLLRH_COS		3625.50	-1865.88	1009.53	-147.56	162.04	-2202.83	-96.20	4.69	-23.59	157.83	219.44	-4.67	-5.61	-51.50	31.53	246.68
ROLLRH_SIN		0.00	-9281.95	-343.71	194.40	101.32	-304.63	-102.67	-69.06	72.65	-158.50	-11.15	-36.62	8.15	4.50	-16.49	239.55
TORQ_COS		106882.16	418.39	-46.69	96.55	-144.46	144.70	11.44	-8.75	-13.26	2.63	9.17	0.11	1.95	-1.66	-7.31	9.62
TORQ_SIN		0.00	907.88	-30.99	102.01	-123.48	3.41	9.07	51.98	-15.10	-2.92	19.79	4.86	-5.32	4.62	-2.59	2.75
THRUST_COS		6200.91	-98.62	-41.22	30.77	17.89	75.03	7.08	12.08	-1.81	-3.27	7.89	-3.45	0.86	2.20	0.39	-15.37
THRUST_SIN		0.00	-174.64	-9.44	-4.23	21.99	-57.77	7.20	17.88	0.92	4.97	24.50	4.36	2.53	1.27	4.25	-36.49

RUN	POINT	Harmonics															
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.50	59.85	-16.47	-2.46	-14.53	75.55	11.75	-0.55	-2.36	-7.03	-9.40	-0.30	-0.20	1.25	-1.09	-6.62
SIDERH_SIN		0.00	233.80	11.19	2.43	-0.53	-14.40	3.67	0.46	-0.94	8.49	-3.81	1.67	-0.34	-0.03	0.19	-6.34
DRAGRH_COS		4.78	239.04	15.91	-2.69	5.07	125.95	-21.83	-1.15	-2.56	-0.57	-16.26	2.60	-0.89	-0.06	2.36	6.42
DRAGRH_SIN		0.00	-56.09	4.92	-4.85	-2.58	-158.47	-12.49	1.86	-5.97	2.61	18.45	-0.05	1.76	0.21	0.08	-4.00

RUN	POINT	Harmonics															
54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.72	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.02	-0.02	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-1.31	0.00	0.01	0.00	0.00	0.00	0.01	0.01	-0.04	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.79	-2.10	0.41	1.54	-3.06	-0.14	1.53	0.22	-0.76	0.34	0.04	0.31	-0.09	0.04	-0.16	-0.14
ACT1FORCE_SIN		0.00	19.70	-1.63	0.84	2.53	0.08	-0.85	0.11	0.13	0.12	-1.01	-0.27	0.31	-0.03	0.03	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		398.40	2.40	81.13	-14.59	25.08	-3.26	-14.78	0.03	-0.06	0.02	0.16	0.01	-0.04	-0.02	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-125.25	-276.78	8.19	-20.68	-3.29	9.08	-0.07	-0.03	0.09	-0.02	0.03	0.00	-0.04	-0.05	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		407.37	-2.21	-80.85	14.40	-25.55	3.22	14.60	0.04	0.17	-0.01	-0.13	-0.01	0.01	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	125.43	277.55	-7.94	21.16	3.29	-9.14	0.06	-0.01	-0.08	0.01	0.00	0.01	0.04	0.04	0.04
MRBLD1CB42P75_COS		-650.00	-899.87	491.28	-26.08	63.46	-142.00	-73.31	1.57	3.52	-22.58	9.04	-6.52	2.41	-4.04	-7.59	1.15
MRBLD1CB42P75_SIN		0.00	1603.25	-11.77	102.43	211.25	-24.70	-24.54	-66.74	11.58	23.46	-86.65	-8.96	12.92	13.94	-8.15	32.74

RUN	POINT	Harmonics															
54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4476.96	-737.06	356.98	-79.31	289.67	-187.31	-93.35	8.72	10.29	-16.07	-13.89	-5.04	0.80	0.28	-7.55	11.89
MRBLD1CB70_SIN		0.00	1228.16	-173.29	280.34	208.94	-105.23	-44.66	-29.22	10.01	29.60	-43.53	-11.49	6.75	6.71	-9.83	40.56
MRBLD1CB120_COS		-258.55	-535.80	270.03	61.10	311.77	-151.42	-67.45	19.56	-6.69	8.47	-4.59	4.15	1.89	2.52	4.54	-2.83
MRBLD1CB120_SIN		0.00	883.17	-164.81	240.41	251.85	-138.90	-66.22	-31.50	-33.48	-34.89	55.31	8.43	0.62	0.23	-1.63	3.56
MRBLD1CB164_COS		-1982.41	-208.59	84.29	111.98	97.53	-71.30	-14.90	8.77	-11.94	9.40	7.68	4.40	1.99	0.32	-0.02	-5.26
MRBLD1CB164_SIN		0.00	327.62	-81.53	142.47	114.61	-77.50	-28.11	3.61	-38.82	-42.74	46.17	15.45	0.45	0.71	12.09	-25.68
MRBLD1FB42P75_COS		2597.66	220.21	58.37	1212.75	-169.27	-56.34	-121.93	-114.93	-121.03	-103.87	-3.73	1.60	14.39	9.22	-17.39	53.99
MRBLD1FB42P75_SIN		0.00	-275.15	488.83	264.60	626.23	200.98	34.31	-206.31	-5.03	-77.54	-103.55	-5.77	-2.07	4.93	-30.70	25.00
MRBLD1FB70_COS		642.81	110.16	21.32	377.95	-52.12	-17.35	-23.24	-8.68	-5.32	-1.16	0.70	1.65	-0.40	-0.26	3.59	-10.30
MRBLD1FB70_SIN		0.00	-253.11	199.01	77.09	170.07	33.50	3.64	-32.05	5.84	4.07	2.21	2.95	2.59	0.70	6.22	-5.94
MRBLD1FB87_COS		80.96	114.24	-21.63	209.26	-46.26	-11.57	0.52	8.21	18.57	20.37	3.64	2.70	-1.67	-1.09	4.88	-10.83
MRBLD1FB87_SIN		0.00	-319.54	139.62	62.38	69.54	2.19	-4.04	16.71	-1.07	14.24	25.25	2.60	2.22	0.44	8.87	-2.05
MRBLD1FB120_COS		-306.33	137.85	-92.22	220.78	-31.66	-17.99	12.18	6.46	-0.67	-6.94	-8.09	-9.21	-1.89	-0.62	-7.43	16.40
MRBLD1FB120_SIN		0.00	-471.44	135.15	173.43	20.18	-4.58	4.22	53.08	-5.37	-5.43	-11.91	-6.27	-6.66	-4.86	-14.81	2.96
MRBLD1FB164_COS		68.77	195.52	-80.30	122.47	157.29	42.26	25.66	-1.54	-4.67	9.23	6.30	9.17	-1.60	-5.47	2.00	-7.63
MRBLD1FB164_SIN		0.00	-602.87	422.76	208.82	-87.89	-41.71	-20.20	-78.58	6.02	11.35	15.71	4.32	5.96	-0.64	4.32	-0.02

RUN	POINT	Harmonics															
54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.49	31.38	-24.42	-4.29	113.50	43.64	15.01	-9.72	1.53	36.21	8.39	-12.21	-16.32	-5.64	-7.14	20.19
MRBLD1FB180_SIN		0.00	-420.31	330.22	106.08	-76.93	-24.02	-12.50	-70.01	-0.32	25.22	54.51	-3.54	-15.81	-10.97	-17.51	2.25
MRBLD1TOR51_COS		-1452.70	262.67	-90.99	19.52	68.14	-30.16	10.86	-21.40	-9.93	4.94	-4.26	-1.12	-1.53	0.25	3.01	3.14
MRBLD1TOR51_SIN		0.00	-93.31	332.21	-33.44	30.74	25.58	-35.54	-37.89	-0.06	4.91	4.45	-3.03	-4.82	-5.16	-5.94	3.91
MRBLD1TOR71_COS		-307.47	267.47	-112.60	-14.27	70.26	-14.56	20.11	-19.16	-4.27	6.82	-4.79	-3.05	-1.48	0.86	1.89	1.83
MRBLD1TOR71_SIN		0.00	-91.63	297.52	-69.01	-2.93	22.05	-28.57	-23.17	3.89	8.33	9.27	-1.36	-4.11	-4.03	-2.39	2.62
MRBLD1TOR130_COS		-57.08	247.86	-102.80	-70.11	79.49	-5.81	16.86	-12.12	-3.81	3.46	6.55	-4.12	-0.84	-0.30	-2.99	-2.26
MRBLD1TOR130_SIN		0.00	-55.71	242.90	-79.67	-30.38	16.76	-22.62	-23.94	2.29	-2.78	0.39	3.31	2.81	2.88	4.06	-0.14
MRBLD1TOR164_COS		-274.79	142.62	-63.01	-84.14	24.06	-4.29	2.15	-8.40	2.33	2.92	0.42	-3.84	0.24	-0.23	-1.19	-0.50
MRBLD1TOR164_SIN		0.00	15.37	115.57	-95.04	-18.42	16.34	-10.14	-10.04	3.58	2.80	2.36	-1.08	0.62	1.06	-0.90	2.01
MRFBM1CB26P5_COS		-841.81	-504.75	208.34	-64.42	-52.98	-6.28	5.98	-0.89	-1.05	-1.26	9.29	1.05	0.99	-0.50	1.65	-2.06
MRFBM1CB26P5_SIN		0.00	693.27	103.57	-119.72	23.09	6.21	-1.21	-15.06	-1.91	-6.09	-10.98	0.86	0.49	0.13	-1.64	-0.47
MRFBM1FB9_COS		780.51	-442.67	-145.33	-244.59	47.03	24.42	7.68	-3.02	3.37	1.50	-2.07	0.16	0.25	0.47	-0.84	1.02
MRFBM1FB9_SIN		0.00	71.65	-259.31	-189.74	-73.78	-9.90	9.42	12.20	4.30	3.67	2.67	0.61	-0.14	-0.14	0.94	-2.48
MRFBM1TOR26P5_COS		-101.94	82.95	1.94	-0.26	1.26	-0.38	0.30	-0.10	-0.21	0.05	-0.23	0.31	0.04	-0.01	0.08	0.07
MRFBM1TOR26P5_SIN		0.00	-260.19	4.07	-0.11	0.05	0.32	-0.73	-0.31	-0.04	0.12	0.06	-0.09	-0.06	-0.06	-0.10	-0.10

RUN	POINT	Harmonics															
54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		249.57	-668.46	444.58	-3.50	-52.80	-88.57	-55.55	-6.62	-1.04	-13.00	12.73	-1.14	5.03	-2.71	-2.36	-0.97
MRPC1CB33P25_SIN		0.00	1353.71	7.01	-17.97	189.95	15.38	-12.72	-67.89	-1.37	-7.35	-65.86	-4.28	7.66	10.98	-9.34	28.44
MRPC1FB33P25_COS		1890.30	172.65	-86.01	987.16	-264.51	-103.55	-115.13	-9.01	-85.39	-34.15	61.24	8.37	13.29	1.33	14.80	8.25
MRPC1FB33P25_SIN		0.00	-46.03	375.55	429.71	490.93	142.86	-10.76	-222.27	-66.84	-116.23	-81.13	-2.50	9.34	10.79	-31.97	65.72
MRPC1TOR25P5_COS		-360.80	-183.78	69.76	29.09	-83.17	35.80	-12.14	21.49	10.60	-1.36	14.83	-1.27	1.86	-0.49	-5.09	-5.38
MRPC1TOR25P5_SIN		0.00	-150.40	-347.31	52.58	-14.82	-27.77	45.32	35.61	-2.39	-11.82	-9.89	7.59	10.05	9.07	9.51	5.05
MRPLK1LOAD_COS		-2.89	-26.79	8.73	1.49	-13.06	6.30	-2.52	3.17	2.82	-0.12	2.56	-1.46	-0.02	0.13	-1.20	-1.17
MRPLK1LOAD_SIN		0.00	-12.99	-47.55	3.88	-2.85	-4.28	6.37	5.23	0.04	-1.21	-0.98	0.71	1.39	1.35	1.65	1.20
PITCHRH_COS		15959.89	-9163.81	-283.02	156.69	76.19	-1206.60	22.05	-140.97	19.05	10.84	49.48	25.22	37.37	-19.45	-27.45	-116.82
PITCHRH_SIN		0.00	1723.03	-726.21	-49.08	-65.25	2760.76	112.08	72.57	230.84	-37.14	-460.32	-48.66	-58.21	-22.55	13.08	61.23
ROLLRH_COS		1230.10	-1899.09	797.31	-150.03	82.55	-3203.36	-184.85	8.85	-161.65	71.25	133.40	-4.11	7.84	-80.79	65.07	269.71
ROLLRH_SIN		0.00	-9223.74	-55.69	165.03	-0.62	-389.43	-53.02	-79.97	60.38	-62.07	-81.38	-43.17	-25.27	23.20	2.34	186.34
TORQ_COS		107439.33	354.43	-19.21	48.52	-120.43	108.91	12.25	12.37	-7.39	-0.15	-19.52	-2.30	-0.87	0.01	-2.67	9.13
TORQ_SIN		0.00	986.68	-52.85	130.00	-153.28	-89.82	8.40	74.92	-7.35	-3.54	50.55	3.58	-4.52	5.30	-2.99	3.02
THRUST_COS		6131.88	-90.73	-27.45	26.83	17.89	73.83	11.49	21.12	-0.01	-3.91	-1.45	-6.49	-2.14	6.35	-0.46	-22.60
THRUST_SIN		0.00	-191.66	17.45	4.18	22.60	-96.90	7.07	22.14	-1.35	5.25	48.49	5.91	4.41	1.27	0.96	-32.76

RUN	POINT	Harmonics															
54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.96	60.25	-16.64	1.29	-6.04	181.01	19.11	-2.56	0.88	-1.89	-6.03	-0.27	-0.33	2.13	-1.93	-7.03
SIDERH_SIN		0.00	230.51	-3.58	3.98	18.11	-40.40	-2.65	0.38	-1.65	3.81	-2.18	1.19	0.14	-0.88	-0.15	-4.94
DRAGRH_COS		-19.76	240.55	10.30	-3.94	4.73	-105.92	-30.10	-1.77	-3.79	-2.52	-6.88	-0.06	-0.15	1.18	0.93	6.47
DRAGRH_SIN		0.00	-58.85	9.55	-4.50	-0.31	-110.95	-23.43	5.14	-5.83	3.06	18.57	1.35	2.80	-0.09	-0.03	-4.71

RUN	POINT	Harmonics															
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.49	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.02	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.65	-2.57	-1.42	2.63	-2.37	-0.24	-0.73	0.06	-0.20	-0.14	-0.28	0.24	-0.02	-0.10	0.44	-0.06
ACT1FORCE_SIN		0.00	19.87	-6.45	-1.10	3.61	-0.05	-1.13	-0.02	0.42	-0.26	0.54	-0.06	0.13	0.04	0.20	-0.28
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.56	1.79	-53.18	-17.16	17.30	-2.36	6.81	-0.03	-0.04	-0.02	-0.13	0.04	-0.04	0.01	-0.02	0.02
FA1IBVOLTAGE_SIN		0.00	-129.88	-253.69	21.21	-32.50	1.88	10.59	-0.03	0.03	-0.10	-0.05	0.02	-0.02	-0.01	0.00	0.02
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.19	-1.74	53.50	17.17	-17.21	2.37	-6.94	0.02	-0.04	0.01	0.12	-0.04	0.04	0.00	0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	130.04	254.23	-20.97	33.03	-1.88	-10.45	-0.02	-0.07	0.10	0.03	-0.02	0.01	0.01	-0.01	-0.02
MRBLD1CB42P75_COS		-605.93	-1396.83	465.38	-53.62	9.12	-97.14	-79.29	4.56	13.19	-27.10	32.44	1.52	0.34	-0.66	-16.12	-0.50
MRBLD1CB42P75_SIN		0.00	1129.54	58.92	94.46	123.85	-24.85	-21.49	-89.14	24.89	14.22	-71.73	-5.45	11.70	11.78	-3.64	30.97

RUN	POINT	Harmonics															
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4528.63	-1051.60	308.80	-50.13	172.15	-143.23	-135.76	-4.90	14.86	-23.54	1.51	1.02	0.66	3.20	-14.64	12.11
MRBLD1CB70_SIN		0.00	906.26	-124.36	240.80	93.73	-120.38	-45.04	-52.43	17.34	25.35	-33.36	-8.19	7.11	3.93	-5.94	42.11
MRBLD1CB120_COS		-231.85	-661.79	230.85	94.12	183.74	-127.49	-127.39	0.55	-12.13	8.81	-14.34	-4.23	3.25	2.16	6.36	-2.26
MRBLD1CB120_SIN		0.00	739.35	-136.95	206.69	154.98	-158.32	-73.68	-50.37	-35.38	-30.88	53.70	9.13	-0.51	2.51	-2.16	4.46
MRBLD1CB164_COS		-1972.04	-234.55	54.90	134.16	48.54	-66.93	-42.43	0.59	-17.02	15.65	-3.14	-4.79	1.43	-1.40	5.70	-5.73
MRBLD1CB164_SIN		0.00	286.08	-84.67	111.38	80.90	-89.95	-39.02	7.38	-45.59	-39.98	45.57	11.49	-1.51	0.29	10.92	-28.81
MRBLD1FB42P75_COS		2570.47	346.36	135.56	1148.07	-195.25	-46.52	-114.72	-138.70	-104.80	-110.18	23.24	4.43	7.82	17.56	-20.69	52.16
MRBLD1FB42P75_SIN		0.00	-217.20	521.44	170.55	602.82	202.86	44.66	-287.80	10.41	-90.29	-94.92	-4.54	-5.44	2.74	-13.57	29.21
MRBLD1FB70_COS		633.74	112.76	49.63	362.26	-65.02	-13.57	-23.84	-14.47	-3.80	-3.19	1.23	1.12	-0.41	-1.78	4.24	-9.77
MRBLD1FB70_SIN		0.00	-268.22	211.18	38.42	160.03	33.35	5.13	-45.19	8.97	4.10	2.32	2.71	3.16	0.81	3.27	-6.67
MRBLD1FB87_COS		73.51	121.38	-7.45	207.09	-47.46	-13.95	-0.29	9.39	16.25	21.26	-3.41	1.87	-0.20	-3.06	5.55	-10.56
MRBLD1FB87_SIN		0.00	-325.33	140.94	31.13	70.29	1.78	-6.42	23.93	-3.17	17.28	23.21	2.77	3.22	1.38	4.82	-2.99
MRBLD1FB120_COS		-311.79	142.60	-88.96	230.36	-17.08	-27.59	11.33	15.09	-3.87	-4.52	-6.18	-7.55	-2.50	1.86	-7.97	15.82
MRBLD1FB120_SIN		0.00	-468.01	125.99	113.46	36.94	-7.62	-4.07	71.95	-10.10	-6.86	-12.41	-7.55	-8.96	-5.82	-9.24	4.28
MRBLD1FB164_COS		53.02	199.67	14.78	106.30	162.45	50.16	27.31	-8.04	-0.50	4.63	1.05	8.95	-0.04	-7.67	2.25	-7.02
MRBLD1FB164_SIN		0.00	-620.52	442.43	186.37	-87.04	-38.56	-5.66	-104.03	13.92	14.01	13.81	4.18	7.77	0.59	0.28	-1.85

RUN	POINT	Harmonics															
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.31	35.64	64.06	-19.58	107.40	55.04	17.76	-20.26	1.04	35.76	-6.27	-13.27	-13.89	-3.84	-7.66	18.58
MRBLD1FB180_SIN		0.00	-438.01	347.42	118.29	-85.52	-21.73	2.83	-89.41	1.48	28.66	51.29	-4.10	-17.67	-13.08	-12.54	4.76
MRBLD1TOR51_COS		-1466.38	268.77	14.64	-33.97	57.88	-24.18	23.87	-23.86	-9.73	6.51	-2.28	-4.85	-0.49	1.39	2.50	1.72
MRBLD1TOR51_SIN		0.00	-148.66	395.68	-0.19	-7.32	26.93	-26.18	-54.99	0.60	2.35	9.70	-2.73	-5.80	-6.17	-4.95	5.00
MRBLD1TOR71_COS		-321.73	280.94	-11.64	-63.49	64.21	-11.18	32.09	-21.82	-4.55	8.88	-4.13	-6.55	0.07	0.97	2.52	0.56
MRBLD1TOR71_SIN		0.00	-137.81	354.27	-32.30	-32.65	23.59	-19.89	-34.70	3.19	7.15	12.05	-0.48	-4.51	-4.75	-1.96	2.71
MRBLD1TOR130_COS		-70.80	261.42	-1.57	-113.93	72.66	-1.82	25.13	-12.56	-3.86	5.01	8.57	-5.50	-0.10	-1.33	-1.98	-2.11
MRBLD1TOR130_SIN		0.00	-102.28	295.18	-35.23	-53.57	17.26	-14.40	-34.27	3.52	-3.77	2.15	5.52	2.70	2.88	3.43	-1.61
MRBLD1TOR164_COS		-281.60	152.38	0.81	-111.09	17.10	-2.02	6.55	-9.23	2.51	3.68	0.45	-2.82	0.98	-0.83	-1.64	0.31
MRBLD1TOR164_SIN		0.00	-18.22	149.61	-58.21	-32.11	15.26	-6.94	-13.81	2.70	4.50	-1.05	0.43	1.17	1.78	-1.51	1.04
MRFBM1CB26P5_COS		-780.31	-728.14	211.65	-96.32	-30.59	-1.57	15.74	3.42	0.70	0.03	10.87	1.01	0.93	-0.29	1.31	-2.41
MRFBM1CB26P5_SIN		0.00	417.60	131.83	-99.04	21.03	12.83	1.35	-12.95	0.31	-6.75	-9.01	0.87	0.07	0.83	-1.41	-0.98
MRFBM1FB9_COS		748.71	-232.06	-195.18	-238.00	48.47	22.54	7.05	-5.30	3.63	1.20	-2.69	-0.12	0.15	0.12	-0.26	1.14
MRFBM1FB9_SIN		0.00	149.19	-296.59	-162.01	-65.56	-8.65	10.31	17.31	3.13	4.26	1.27	0.47	-0.03	-0.36	0.92	-2.43
MRFBM1TOR26P5_COS		-101.82	85.82	2.83	-0.57	1.29	-0.42	0.64	-0.16	-0.22	-0.01	-0.23	0.28	-0.03	0.03	0.05	0.07
MRFBM1TOR26P5_SIN		0.00	-259.52	4.57	-0.03	-0.79	0.33	-0.65	-0.40	-0.01	0.05	0.20	-0.20	-0.07	-0.08	-0.08	-0.03

RUN	POINT	Harmonics															
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		261.19	-1124.47	421.54	-54.07	-71.37	-53.25	-53.69	0.77	9.10	-14.10	29.97	2.10	3.78	0.71	-8.65	-2.41
MRPC1CB33P25_SIN		0.00	993.71	66.73	-0.23	147.42	19.14	-12.71	-85.63	9.60	-14.23	-56.61	-1.24	6.52	11.28	-5.47	26.93
MRPC1FB33P25_COS		1870.80	272.27	-32.18	951.83	-283.01	-92.09	-114.50	6.60	-77.82	-31.68	77.65	10.34	11.54	8.78	-1.76	3.36
MRPC1FB33P25_SIN		0.00	10.38	411.54	339.10	464.10	147.46	1.73	-296.65	-46.83	-128.79	-59.46	1.20	2.45	15.99	-24.43	65.69
MRPC1TOR25P5_COS		-343.34	-193.25	-42.14	87.58	-74.25	31.67	-27.40	25.53	11.65	-2.11	14.11	3.06	2.37	-2.59	-5.04	-4.50
MRPC1TOR25P5_SIN		0.00	-99.32	-413.28	14.52	22.99	-28.75	35.74	50.67	-2.14	-8.20	-15.71	9.71	11.15	10.97	8.20	1.21
MRPLK1LOAD_COS		-0.80	-28.11	-6.09	9.39	-11.76	5.77	-4.77	3.87	2.91	0.01	2.41	-0.87	0.36	-0.37	-0.84	-1.16
MRPLK1LOAD_SIN		0.00	-6.47	-55.93	-1.28	2.49	-4.38	4.93	7.48	0.05	-0.51	-2.08	1.37	1.62	1.67	1.30	0.30
PITCHRH_COS		12063.38	-9235.25	102.86	233.91	12.45	-762.91	-35.12	-93.28	-16.95	84.60	57.96	26.83	71.06	-0.72	6.11	-243.13
PITCHRH_SIN		0.00	1643.23	-601.91	-83.60	-113.49	2898.03	159.15	-18.53	80.29	20.61	-416.26	-50.03	10.89	-64.38	24.44	96.53
ROLLRH_COS		-642.61	-1743.99	741.58	-90.36	-12.95	-3516.63	-102.10	18.54	-62.09	63.55	131.09	22.82	-14.47	-70.84	7.49	162.52
ROLLRH_SIN		0.00	-9198.77	375.75	265.42	-102.98	-354.58	-103.91	-28.23	53.93	1.00	-48.62	-13.52	47.14	4.57	6.55	156.81
TORQ_COS		108269.52	346.52	9.72	106.50	-64.73	57.14	6.52	-4.99	-11.92	-0.87	-25.33	-4.72	1.93	-0.60	-5.86	9.67
TORQ_SIN		0.00	1031.16	-78.52	205.42	-105.70	-133.41	14.05	52.07	-13.68	-4.84	49.67	2.97	-4.53	3.78	-1.81	5.29
THRUST_COS		6033.36	-105.52	2.76	45.11	9.95	63.12	8.35	16.45	5.63	-3.87	-12.01	-10.17	1.80	0.25	5.27	-26.90
THRUST_SIN		0.00	-195.17	31.38	-1.96	21.08	-112.55	9.13	18.20	-3.16	1.50	37.48	7.35	2.48	-0.19	2.10	-37.79

RUN	POINT	Harmonics															
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-173.49	57.21	-15.99	7.16	23.52	221.73	10.94	-1.09	-0.34	-1.68	-4.08	-1.13	0.17	2.20	-0.29	-3.68
SIDERH_SIN		0.00	233.63	-21.15	7.43	20.02	-77.98	-4.70	1.70	-1.93	0.69	-2.57	-0.29	-1.75	-0.31	-0.18	-4.15
DRAGRH_COS		-57.31	240.13	6.10	-6.01	2.24	-210.33	-25.56	-3.03	1.73	-8.09	-12.01	-1.20	-3.94	1.19	0.51	10.90
DRAGRH_SIN		0.00	-56.36	25.54	-1.51	-2.10	-5.23	-5.68	3.62	-4.06	-0.04	13.34	2.83	0.81	2.24	-0.28	-6.87

RUN	POINT	Harmonics															
54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	-0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.26	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.65	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.38	-1.97	-5.07	2.26	-1.44	-0.47	-1.09	-0.32	-0.14	0.06	1.03	-0.07	0.04	-0.06	-0.19	-0.32
ACT1FORCE_SIN		0.00	20.26	-9.64	-2.53	3.84	0.09	1.45	0.41	-0.04	-0.02	-0.60	-0.17	0.13	-0.03	0.25	0.02
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		391.40	-5.68	-177.69	-8.46	3.21	3.69	8.39	-0.06	0.03	0.00	0.15	0.02	0.00	-0.01	-0.03	-0.04
FA1IBVOLTAGE_SIN		0.00	-127.38	-156.96	30.31	-32.18	-0.55	-12.48	0.07	0.08	0.05	0.09	-0.08	0.05	-0.01	0.00	-0.07
FA1OBCURRENT_COS		0.02	0.02	0.05	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		414.32	5.73	178.32	8.62	-2.69	-3.72	-8.29	0.04	0.01	-0.01	-0.15	-0.06	-0.01	0.02	0.04	0.03
FA1OBVOLTAGE_SIN		0.00	127.53	157.09	-30.18	32.28	0.51	12.67	-0.02	0.01	-0.05	-0.06	0.05	-0.04	-0.01	0.01	0.08
MRBLD1CB42P75_COS		-601.06	-1761.16	445.38	-70.70	-18.68	-61.63	-90.10	8.55	19.74	-27.76	26.71	-13.03	0.03	1.33	-13.31	13.18
MRBLD1CB42P75_SIN		0.00	1036.93	73.05	86.94	94.72	-27.49	-2.80	-116.93	29.11	22.63	-95.47	-8.54	8.15	5.93	2.22	23.32

RUN	POINT	Harmonics															
54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4537.97	-1288.06	277.83	-42.89	74.09	-136.29	-150.06	-7.34	17.35	-15.86	-18.92	-9.87	1.54	1.74	-12.36	27.58
MRBLD1CB70_SIN		0.00	819.21	-88.47	183.99	72.36	-118.86	12.34	-71.61	14.86	32.76	-41.62	-9.46	5.54	1.61	0.15	27.67
MRBLD1CB120_COS		-238.77	-745.05	217.79	96.87	97.46	-153.93	-152.71	-11.22	-20.39	6.54	-1.20	3.10	1.85	4.19	4.92	-0.70
MRBLD1CB120_SIN		0.00	681.62	-108.34	128.27	146.49	-146.66	-8.56	-56.35	-38.55	-36.90	53.91	10.98	-1.01	2.57	-2.39	5.23
MRBLD1CB164_COS		-1971.21	-247.72	31.42	130.56	20.16	-87.05	-56.16	-5.62	-28.48	10.04	27.11	2.82	-0.55	0.97	6.88	-17.64
MRBLD1CB164_SIN		0.00	266.05	-74.17	56.88	82.99	-80.92	-16.25	15.64	-47.03	-49.49	47.22	15.27	-0.52	-0.02	5.68	-20.46
MRBLD1FB42P75_COS		2543.05	428.82	192.53	979.22	-68.77	-25.41	-123.09	-182.81	-95.91	-134.29	32.47	-8.20	-5.07	11.67	-10.08	53.32
MRBLD1FB42P75_SIN		0.00	-207.48	490.85	-13.39	559.73	242.11	71.41	-330.97	33.54	-60.53	-165.64	5.56	-5.79	-7.34	-4.45	1.33
MRBLD1FB70_COS		634.75	102.56	64.37	308.93	-31.93	-9.10	-26.77	-21.19	-0.88	-2.66	0.60	2.22	1.73	-0.67	2.50	-10.38
MRBLD1FB70_SIN		0.00	-258.50	197.18	-29.94	150.17	43.07	11.83	-55.34	9.30	5.03	0.69	1.59	2.29	1.57	1.21	-1.30
MRBLD1FB87_COS		79.55	115.68	-2.81	179.94	-29.61	-14.05	-1.76	13.09	15.04	26.00	-5.83	5.21	2.86	-1.72	2.91	-10.54
MRBLD1FB87_SIN		0.00	-312.00	131.04	-14.30	69.75	6.60	-5.94	28.08	-6.86	12.54	39.48	-0.11	3.26	4.01	3.10	2.64
MRBLD1FB120_COS		-302.31	131.29	-94.09	202.41	-9.41	-33.47	11.53	25.79	-7.06	-4.54	-4.59	-10.24	-6.16	-0.19	-4.40	16.25
MRBLD1FB120_SIN		0.00	-448.38	118.12	54.06	43.27	-4.31	-11.01	86.78	-9.15	-7.96	-13.62	-4.21	-8.00	-7.92	-5.97	-3.98
MRBLD1FB164_COS		51.59	162.41	108.37	80.74	124.60	51.28	23.81	-19.35	5.25	5.15	-3.20	11.50	4.59	-6.96	-2.26	-7.13
MRBLD1FB164_SIN		0.00	-622.00	391.56	172.66	-102.09	-48.38	-7.04	-125.19	14.99	16.42	21.04	-0.93	6.61	5.21	-0.50	0.40

RUN	POINT	Harmonics															
54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-20.04	11.22	151.03	-26.12	77.82	59.51	16.48	-31.75	4.70	41.47	-9.25	-6.16	-15.31	-6.47	-4.24	19.98
MRBLD1FB180_SIN		0.00	-442.93	303.99	131.90	-97.66	-32.01	7.73	-108.10	-0.06	21.90	81.40	-2.91	-13.24	-11.91	-9.79	-3.80
MRBLD1TOR51_COS		-1480.42	246.80	150.58	-61.80	40.71	-14.03	25.43	-30.79	-15.74	6.30	-3.90	-4.57	-2.43	1.10	2.16	2.47
MRBLD1TOR51_SIN		0.00	-201.50	383.55	48.51	-31.20	27.41	-25.71	-56.44	1.23	-3.49	8.82	0.93	-7.38	-6.11	-2.24	5.59
MRBLD1TOR71_COS		-333.06	265.51	115.67	-85.69	45.20	-2.56	34.73	-27.20	-9.78	10.54	-7.68	-3.79	-0.83	1.23	2.23	0.84
MRBLD1TOR71_SIN		0.00	-185.31	342.15	22.74	-52.92	22.04	-22.06	-33.75	2.33	0.77	13.32	2.05	-5.73	-4.32	-0.50	3.77
MRBLD1TOR130_COS		-82.18	246.13	122.72	-125.99	48.25	5.64	26.95	-16.30	-6.73	3.80	9.20	-2.27	0.63	-0.07	-1.44	-2.18
MRBLD1TOR130_SIN		0.00	-152.81	281.34	30.85	-70.04	13.38	-16.48	-36.55	4.43	-7.31	-1.56	4.88	2.20	2.78	2.57	-1.24
MRBLD1TOR164_COS		-288.54	145.33	81.28	-112.70	6.03	0.59	5.83	-11.02	2.78	5.41	-5.29	0.05	1.77	-0.80	-2.12	2.13
MRBLD1TOR164_SIN		0.00	-56.97	143.95	-6.11	-36.56	14.61	-8.33	-14.84	2.27	3.93	1.33	-1.35	1.71	1.91	-1.72	-1.15
MRFBM1CB26P5_COS		-750.60	-942.46	220.41	-108.49	-11.79	12.11	16.53	5.28	1.21	-2.66	17.47	0.26	0.15	0.48	0.98	-2.37
MRFBM1CB26P5_SIN		0.00	348.37	136.13	-61.93	8.23	13.59	-8.11	-15.26	2.02	-7.27	-13.55	0.74	-0.83	0.20	-0.90	0.54
MRFBM1FB9_COS		700.09	-44.97	-234.72	-215.84	32.68	23.89	10.94	-4.59	4.18	2.50	-4.19	0.59	0.22	0.09	0.03	-0.07
MRFBM1FB9_SIN		0.00	124.98	-279.67	-103.11	-64.11	-13.37	9.21	20.70	2.29	3.96	2.35	1.13	0.35	-0.06	0.62	-2.24
MRFBM1TOR26P5_COS		-101.58	79.88	4.11	-0.82	1.14	-0.42	0.75	-0.23	-0.24	-0.09	-0.10	0.10	-0.07	-0.01	0.06	0.03
MRFBM1TOR26P5_SIN		0.00	-261.78	4.35	0.29	-1.24	0.28	-0.56	-0.26	0.01	0.06	0.22	-0.10	-0.08	-0.09	-0.06	-0.03

RUN	POINT	Harmonics															
54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		245.22	-1417.40	394.35	-76.87	-51.80	-19.30	-64.61	-1.00	16.40	-19.92	34.73	-7.46	2.21	3.47	-7.15	9.60
MRPC1CB33P25_SIN		0.00	951.72	64.04	23.67	126.60	12.38	-9.25	-107.13	14.43	-10.07	-80.07	-0.84	2.98	5.98	-0.60	21.96
MRPC1FB33P25_COS		1846.75	344.80	10.95	843.31	-170.03	-86.97	-130.55	-13.69	-82.88	-66.21	123.61	-5.73	3.63	13.07	-2.17	29.15
MRPC1FB33P25_SIN		0.00	23.50	400.33	154.73	455.68	184.41	21.31	-348.39	-26.61	-119.32	-106.82	-2.43	-7.44	5.83	-9.82	51.57
MRPC1TOR25P5_COS		-327.33	-181.90	-187.45	114.77	-54.25	20.79	-30.36	33.44	18.34	-2.36	15.19	5.95	5.61	-0.21	-4.05	-1.80
MRPC1TOR25P5_SIN		0.00	-46.14	-399.12	-46.12	48.91	-28.90	34.58	48.58	-2.54	-2.24	-18.77	2.81	11.85	10.61	5.74	-0.04
MRPLK1LOAD_COS		1.75	-26.86	-25.31	13.22	-9.13	4.14	-5.30	5.07	3.82	0.33	1.94	0.13	1.04	0.08	-0.89	-0.63
MRPLK1LOAD_SIN		0.00	0.39	-53.76	-9.25	6.37	-4.50	4.56	7.07	-0.18	0.11	-2.37	0.16	1.74	1.72	0.81	0.23
PITCHRH_COS		8746.66	-9207.18	296.55	198.48	-73.64	126.32	50.47	-138.73	-67.20	98.61	-91.32	11.53	82.51	9.70	2.15	-170.02
PITCHRH_SIN		0.00	1885.17	-729.39	-168.26	-128.03	2439.03	163.41	-6.97	79.75	-40.56	-349.92	-20.39	-39.57	-26.44	-26.06	218.63
ROLLRH_COS		-273.46	-1999.49	843.17	70.85	-101.51	-3363.58	-107.14	37.30	-56.11	82.95	127.35	37.79	81.83	-71.59	19.20	157.49
ROLLRH_SIN		0.00	-9181.22	463.42	273.74	-108.93	677.36	-129.47	-56.78	-113.03	9.67	-89.20	-7.52	29.90	-34.02	-5.41	111.38
TORQ_COS		108509.84	368.00	33.68	196.65	-26.50	-53.06	4.79	-14.38	-18.67	-3.77	-47.28	-3.23	1.28	-0.93	-6.50	9.56
TORQ_SIN		0.00	1048.79	-82.28	161.49	-61.93	-107.08	14.76	60.29	-20.85	-1.61	68.07	3.89	-6.09	5.10	-3.04	-0.79
THRUST_COS		5891.17	-118.61	21.95	41.08	3.91	43.15	7.09	16.69	3.98	-2.06	-33.91	-6.68	2.39	1.54	0.37	-35.37
THRUST_SIN		0.00	-188.59	28.87	-22.72	20.31	-129.81	10.31	20.69	-0.78	-0.44	56.84	6.09	-1.50	5.67	-1.22	-17.72

RUN	POINT	Harmonics															
54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.56	64.74	-17.17	12.59	36.03	185.82	11.09	0.28	0.12	-2.65	-2.29	-2.32	-3.16	1.85	-0.59	-4.01
SIDERH_SIN		0.00	232.30	-23.26	3.64	2.26	-155.64	-3.84	2.40	2.26	0.08	-1.59	0.74	-1.12	0.78	0.03	-3.39
DRAGRH_COS		-91.27	238.42	4.88	-6.70	0.68	-184.95	-25.70	-3.30	-0.42	-8.32	-1.65	0.11	-3.81	0.18	1.03	6.79
DRAGRH_SIN		0.00	-59.06	33.10	1.23	0.07	120.06	-9.25	-1.68	-9.04	6.07	15.06	2.08	5.74	0.49	1.57	-11.98

RUN	POINT	Harmonics															
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	-0.01	-1.30	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.74	0.00	-0.01	0.00	-0.01	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.65	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.94	-2.31	-9.27	1.85	-0.75	-0.38	1.81	-0.49	-0.55	-0.13	-0.31	0.15	0.12	-0.03	0.15	-0.19
ACT1FORCE_SIN		0.00	20.42	-11.34	-3.76	3.68	-0.46	1.96	0.80	-0.01	-0.30	-0.41	0.24	0.14	0.13	-0.29	0.01
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		382.12	0.07	-225.43	-4.11	-3.77	2.31	-18.09	0.05	0.09	0.00	0.00	-0.03	0.03	0.01	0.03	-0.03
FA1IBVOLTAGE_SIN		0.00	-126.05	-20.83	34.69	-26.73	-0.17	-14.68	0.04	-0.12	-0.06	-0.14	0.01	0.02	-0.03	-0.02	-0.03
FA1OBCURRENT_COS		0.02	0.02	0.02	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		423.61	-0.08	225.94	4.31	4.10	-2.45	18.27	0.01	0.00	-0.02	0.01	0.04	0.00	-0.03	-0.01	0.03
FA1OBVOLTAGE_SIN		0.00	126.23	20.61	-34.70	26.39	0.13	14.67	-0.01	0.03	0.04	0.14	0.00	-0.04	0.03	0.02	0.01
MRBLD1CB42P75_COS		-602.92	-2119.77	442.95	-87.22	-72.66	-56.83	-96.96	36.63	11.21	-40.49	36.08	-33.58	-4.22	1.24	-16.11	6.24
MRBLD1CB42P75_SIN		0.00	1058.27	93.66	93.29	108.74	-41.93	-13.68	-109.84	39.48	25.37	-91.64	13.59	3.74	6.19	7.71	18.79

RUN	POINT	Harmonics															
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4545.75	-1536.18	273.15	-67.99	-1.35	-156.90	-143.59	14.79	10.42	-26.38	-13.56	-22.91	-2.00	2.45	-12.51	16.57
MRBLD1CB70_SIN		0.00	804.67	-49.54	149.64	140.06	-96.51	34.05	-79.28	25.66	36.66	-33.84	8.07	3.23	1.95	4.90	28.97
MRBLD1CB120_COS		-241.75	-852.55	217.19	62.91	37.91	-192.82	-137.89	17.26	-7.01	16.33	-11.49	9.50	1.71	3.93	4.89	-1.54
MRBLD1CB120_SIN		0.00	644.17	-81.20	104.78	221.71	-91.87	35.25	-78.30	-26.39	-39.71	48.26	-2.23	1.17	1.57	-3.76	4.97
MRBLD1CB164_COS		-1967.90	-274.25	14.65	99.73	0.80	-107.83	-50.97	-0.30	-14.15	23.56	18.40	9.75	0.23	-1.06	4.85	-10.40
MRBLD1CB164_SIN		0.00	245.19	-56.29	39.79	114.76	-53.58	6.92	6.10	-43.40	-53.50	36.80	2.09	2.13	0.76	2.19	-21.39
MRBLD1FB42P75_COS		2500.12	508.15	213.43	815.50	-66.63	-47.68	-141.83	-100.49	-70.51	-131.93	31.79	-13.76	-8.16	13.69	-4.64	40.42
MRBLD1FB42P75_SIN		0.00	-227.46	442.57	59.69	509.51	238.00	38.98	-387.65	39.09	-76.40	-179.21	26.08	-8.41	-6.48	6.68	10.36
MRBLD1FB70_COS		627.39	105.24	65.93	255.76	-28.62	-13.83	-30.70	-7.65	0.16	-4.61	0.00	2.06	1.17	-1.22	1.95	-7.16
MRBLD1FB70_SIN		0.00	-254.26	180.09	-16.32	140.13	44.76	8.47	-63.31	12.45	6.27	1.71	2.23	2.65	1.98	-0.48	-2.35
MRBLD1FB87_COS		80.46	124.45	-7.95	147.49	-23.02	-14.53	-1.09	6.13	12.12	25.54	-6.52	6.05	2.78	-3.32	0.43	-9.15
MRBLD1FB87_SIN		0.00	-302.29	120.24	-16.05	64.02	6.84	-3.97	31.74	-7.41	15.32	42.81	-6.03	4.52	3.82	0.23	0.47
MRBLD1FB120_COS		-295.94	142.76	-107.77	154.15	-2.64	-33.20	13.81	5.63	-10.02	-2.10	-2.25	-9.51	-3.85	3.41	-1.04	14.30
MRBLD1FB120_SIN		0.00	-424.86	112.63	37.98	41.27	-6.22	-7.76	96.78	-14.58	-10.88	-17.17	-2.03	-9.61	-8.59	-1.98	-1.11
MRBLD1FB164_COS		48.26	149.06	152.16	60.03	106.25	61.65	26.53	10.03	6.77	1.49	-4.67	12.49	4.19	-7.82	-3.42	-6.26
MRBLD1FB164_SIN		0.00	-603.53	308.61	192.25	-88.38	-41.34	-7.26	-134.62	22.10	19.51	25.78	-3.63	8.60	5.39	-3.28	-1.94

RUN	POINT	Harmonics															
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-25.48	0.61	191.73	-23.84	66.00	66.81	14.94	-6.34	5.79	37.72	-12.28	-0.62	-10.95	-1.31	-0.34	18.38
MRBLD1FB180_SIN		0.00	-436.38	233.07	149.04	-87.93	-20.97	9.70	-119.27	5.12	30.46	89.19	-14.37	-13.18	-12.04	-5.36	0.17
MRBLD1TOR51_COS		-1497.32	215.04	237.52	-65.84	15.15	-17.12	21.50	-18.78	-14.62	5.32	-7.52	-2.31	-1.49	2.11	1.34	1.28
MRBLD1TOR51_SIN		0.00	-233.85	318.30	107.53	-40.53	19.46	-29.29	-62.74	4.41	-4.16	13.99	0.03	-6.18	-4.78	-1.07	6.65
MRBLD1TOR71_COS		-346.39	239.51	197.92	-81.49	23.73	-4.40	31.17	-21.38	-8.94	9.84	-12.16	-1.01	-0.42	2.07	1.77	0.57
MRBLD1TOR71_SIN		0.00	-215.89	279.66	78.23	-59.85	15.17	-23.90	-39.28	4.24	0.07	18.39	-1.05	-3.62	-2.96	-0.44	4.30
MRBLD1TOR130_COS		-94.02	217.29	205.82	-110.91	27.76	4.92	23.55	-10.25	-4.84	4.30	6.19	-4.13	-0.22	-0.07	-1.01	-1.25
MRBLD1TOR130_SIN		0.00	-186.12	219.53	82.75	-71.67	7.25	-18.36	-41.58	7.30	-8.94	1.22	2.38	3.11	2.89	1.28	-2.17
MRBLD1TOR164_COS		-295.40	125.34	137.36	-93.57	-2.27	-2.41	2.23	-9.78	3.99	6.49	-6.07	0.04	1.51	-0.30	-1.76	2.66
MRBLD1TOR164_SIN		0.00	-85.55	107.48	26.13	-35.22	10.89	-9.93	-18.71	2.47	3.84	3.05	-3.97	2.24	1.98	-1.71	-2.52
MRFBM1CB26P5_COS		-739.39	-1179.57	225.35	-97.95	-14.12	24.91	13.66	6.99	1.03	-2.52	18.17	-0.42	0.52	0.59	0.63	-1.76
MRFBM1CB26P5_SIN		0.00	335.34	144.01	-37.64	-14.33	4.17	-16.49	-10.00	2.82	-7.80	-15.15	0.77	-0.84	0.39	-0.49	-0.77
MRFBM1FB9_COS		638.19	115.79	-249.48	-169.49	32.68	26.43	12.21	-10.46	3.73	2.12	-4.99	1.52	-0.05	0.00	0.26	0.31
MRFBM1FB9_SIN		0.00	51.76	-260.43	-104.93	-58.39	-12.11	11.80	19.88	1.10	4.33	2.14	0.82	0.57	-0.19	0.30	-1.74
MRFBM1TOR26P5_COS		-101.28	84.74	4.78	-0.92	0.76	-0.63	0.81	0.02	-0.29	-0.18	0.00	0.18	-0.03	-0.03	0.05	0.00
MRFBM1TOR26P5_SIN		0.00	-260.81	3.87	0.78	-1.66	0.16	-0.59	-0.17	-0.01	0.17	0.17	0.07	-0.14	-0.10	-0.03	0.03

RUN	POINT	Harmonics															
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		238.62	-1675.06	384.61	-80.31	-77.43	-10.45	-74.24	25.43	15.84	-24.40	39.91	-19.20	-1.61	3.29	-9.84	3.38
MRPC1CB33P25_SIN		0.00	1005.48	67.46	50.21	114.17	-11.64	-25.85	-100.34	24.49	-8.71	-81.75	13.17	0.76	6.77	5.41	17.25
MRPC1FB33P25_COS		1809.13	410.54	32.15	693.70	-156.68	-104.85	-134.60	75.71	-63.72	-54.68	131.48	-23.97	2.63	12.81	-9.47	12.81
MRPC1FB33P25_SIN		0.00	10.36	364.30	186.80	416.48	175.72	-11.54	-360.92	-8.60	-128.12	-115.65	11.05	-9.76	8.30	1.31	44.20
MRPC1TOR25P5_COS		-309.30	-148.32	-278.71	114.44	-27.94	24.08	-27.54	22.56	18.27	0.19	17.34	-0.07	2.67	-1.59	-3.90	-1.09
MRPC1TOR25P5_SIN		0.00	-9.40	-331.39	-108.10	59.52	-19.60	37.22	54.68	-4.67	-1.77	-22.74	2.50	12.22	9.70	3.84	-3.76
MRPLK1LOAD_COS		4.28	-23.07	-37.04	13.63	-5.47	4.71	-5.08	3.23	3.82	0.85	1.80	-0.66	0.50	0.04	-0.62	-0.35
MRPLK1LOAD_SIN		0.00	5.02	-44.71	-17.76	7.79	-2.98	4.76	7.85	-0.28	-0.11	-2.62	-0.67	2.04	1.77	0.35	-0.56
PITCHRH_COS		5810.61	-9238.03	483.54	121.86	-90.97	143.31	217.08	-149.61	72.63	92.78	-52.31	-3.09	58.55	14.36	-2.86	-242.23
PITCHRH_SIN		0.00	1745.59	-871.65	-175.55	-82.21	1834.32	133.41	20.92	188.32	-62.29	-278.89	8.43	-35.14	32.91	-33.36	106.91
ROLLRH_COS		1183.66	-1841.23	1006.25	77.12	-184.32	-3205.55	-49.57	63.16	-132.38	111.10	122.63	20.88	52.90	-89.02	41.64	60.05
ROLLRH_SIN		0.00	-9246.14	535.39	217.84	-61.27	945.81	-41.66	-108.46	46.25	35.84	24.50	7.27	-39.66	-1.32	-8.46	71.87
TORQ_COS		108304.34	360.48	44.81	231.21	14.21	-109.34	5.61	-13.87	-13.59	0.60	-45.76	-2.93	3.55	-2.74	-3.31	9.32
TORQ_SIN		0.00	1087.69	-81.05	140.03	-52.27	-59.38	11.50	32.19	-11.10	-0.85	78.36	6.41	-6.30	5.76	-1.58	1.42
THRUST_COS		5713.28	-123.68	34.34	41.59	-2.06	46.59	4.38	10.02	3.80	-1.55	-40.63	-4.73	0.69	5.02	-1.21	-21.53
THRUST_SIN		0.00	-190.10	16.51	-26.92	21.76	-122.86	10.75	12.21	-0.74	-4.04	66.88	3.53	0.89	2.19	-3.68	-20.57

RUN	POINT	Harmonics															
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.39	57.80	-21.49	9.81	51.51	148.35	15.14	0.02	0.48	-4.36	-0.94	-1.65	-2.07	2.32	-0.99	-1.34
SIDERH_SIN		0.00	235.61	-23.16	1.65	-2.77	-192.56	-11.37	3.84	-2.02	-1.73	-7.69	0.59	1.37	0.31	0.28	-2.35
DRAGRH_COS		-123.02	238.57	5.28	-5.09	0.82	-84.77	-49.79	1.54	-3.11	-5.60	-1.44	-0.70	-2.20	0.11	0.98	11.38
DRAGRH_SIN		0.00	-53.51	35.78	0.73	-1.31	162.04	-11.13	-3.46	-7.22	8.37	8.89	1.46	3.57	-1.01	1.46	-6.19

RUN	POINT	Harmonics															
54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-1.49	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	0.04	0.01	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.01	0.00
ACT1DISP_COS		2.65	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.74	-1.82	-13.82	0.76	-0.03	-1.41	2.74	-0.44	-0.50	-0.06	0.96	0.43	0.19	0.05	-0.48	0.06
ACT1FORCE_SIN		0.00	20.78	-9.80	-4.87	3.59	-0.54	-0.61	0.98	0.03	-0.13	0.16	-0.11	-0.01	0.07	0.53	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.68	5.06	-204.31	3.37	-6.89	7.14	-23.04	0.00	-0.11	-0.07	0.06	0.03	0.00	-0.01	-0.06	-0.01
FA1IBVOLTAGE_SIN		0.00	-127.07	126.52	36.97	-19.03	2.08	12.10	0.10	-0.06	0.00	0.18	0.04	0.03	-0.02	-0.03	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.06	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.07	-5.10	204.53	-3.17	6.78	-7.35	23.08	0.06	0.00	0.04	-0.04	-0.05	-0.02	0.00	0.06	-0.01
FA1OBVOLTAGE_SIN		0.00	127.30	-126.96	-37.13	18.67	-1.96	-12.25	-0.11	-0.01	0.02	-0.18	-0.04	-0.03	0.02	0.03	-0.02
MRBLD1CB42P75_COS		-615.89	-2224.21	484.72	-105.24	-119.71	-24.16	-99.00	41.51	14.01	-41.26	30.31	-26.31	-9.23	-1.85	0.20	-0.40
MRBLD1CB42P75_SIN		0.00	1388.52	125.19	98.61	107.05	-83.67	-3.58	-110.56	42.71	27.02	-127.12	33.67	4.39	5.98	8.42	17.38

RUN	POINT	Harmonics															
54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4530.37	-1633.59	317.08	-110.02	-88.83	-129.84	-134.36	15.79	13.13	-23.09	-19.88	-14.54	-3.72	-1.23	-0.39	11.39
MRBLD1CB70_SIN		0.00	1019.79	2.72	103.00	182.99	-113.53	75.93	-81.69	27.42	37.38	-68.80	20.36	4.12	2.41	5.26	25.06
MRBLD1CB120_COS		-255.21	-908.08	260.08	6.32	-36.81	-181.88	-130.85	20.14	3.86	13.77	-6.45	5.51	1.56	4.68	2.68	-0.63
MRBLD1CB120_SIN		0.00	731.41	-41.85	51.51	266.90	-76.10	97.64	-83.85	-27.95	-38.65	62.84	-10.10	2.34	0.01	0.39	2.42
MRBLD1CB164_COS		-1975.00	-288.94	17.99	57.45	-22.42	-111.06	-51.84	2.08	-7.38	18.21	24.50	3.25	-0.16	2.64	-2.94	-8.87
MRBLD1CB164_SIN		0.00	266.54	-23.68	6.96	132.33	-37.52	32.55	1.55	-45.30	-54.46	60.33	-4.70	1.61	0.56	0.40	-18.27
MRBLD1FB42P75_COS		2500.43	516.59	236.30	564.43	-19.36	-35.34	-145.97	-78.04	-52.02	-136.93	45.34	-10.33	-12.85	8.70	19.36	30.77
MRBLD1FB42P75_SIN		0.00	-306.44	370.95	115.61	435.22	204.27	47.49	-397.54	22.34	-58.86	-196.38	41.37	-3.87	-8.72	-12.54	13.21
MRBLD1FB70_COS		625.63	102.15	69.86	167.07	-16.03	-11.13	-31.37	-3.89	1.76	-5.00	-1.96	2.13	1.53	-0.98	-3.21	-5.23
MRBLD1FB70_SIN		0.00	-255.56	159.62	-6.91	122.16	35.55	12.17	-64.00	11.11	7.72	1.11	1.92	2.71	2.35	2.98	-3.06
MRBLD1FB87_COS		78.96	124.29	-13.14	91.04	-13.84	-15.46	-1.14	4.02	9.44	26.23	-8.42	4.11	4.26	-1.83	-4.45	-7.16
MRBLD1FB87_SIN		0.00	-303.78	110.71	-18.86	55.67	6.29	-3.68	33.03	-5.41	12.08	47.62	-10.38	3.05	4.22	4.86	-0.37
MRBLD1FB120_COS		-294.42	149.10	-118.91	81.27	5.13	-36.09	14.41	0.85	-12.43	-1.98	-0.21	-9.10	-5.18	2.49	6.96	10.86
MRBLD1FB120_SIN		0.00	-421.86	111.38	27.13	32.46	0.82	-13.63	96.43	-12.43	-12.39	-17.72	0.50	-8.51	-9.89	-9.46	-0.40
MRBLD1FB164_COS		63.16	119.76	170.39	22.83	68.14	60.22	24.04	16.13	8.57	1.60	-6.77	10.21	6.25	-5.18	-8.11	-5.68
MRBLD1FB164_SIN		0.00	-601.16	195.95	219.40	-74.04	-26.80	-6.53	-133.88	20.63	19.68	29.37	-8.33	5.85	6.16	1.41	-2.93

RUN	POINT	Harmonics															
54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.92	-26.37	205.36	-23.75	41.79	68.23	10.87	-0.04	4.93	35.35	-15.34	-2.97	-10.19	-1.70	8.96	13.87
MRBLD1FB180_SIN		0.00	-435.71	135.55	166.45	-74.80	-12.27	13.14	-120.12	7.19	26.36	95.78	-24.46	-14.87	-15.39	-11.67	0.49
MRBLD1TOR51_COS		-1497.37	170.99	301.17	-51.71	-12.55	-7.29	4.71	-12.69	-12.11	3.22	-4.19	-0.31	-0.83	4.40	2.21	1.79
MRBLD1TOR51_SIN		0.00	-241.64	210.62	158.53	-42.91	14.13	-22.16	-60.52	2.99	-5.21	11.29	-1.05	-7.75	-5.23	1.42	3.39
MRBLD1TOR71_COS		-347.04	199.19	254.30	-57.55	-1.96	2.84	16.24	-16.79	-7.81	8.10	-10.15	1.45	0.02	4.12	1.77	0.83
MRBLD1TOR71_SIN		0.00	-228.31	177.95	126.57	-60.03	11.88	-18.44	-37.11	2.76	-1.43	17.81	-2.81	-4.60	-3.06	1.84	1.83
MRBLD1TOR130_COS		-93.88	175.77	258.19	-71.96	1.57	10.63	12.16	-7.09	-2.93	1.60	7.46	-2.47	-1.51	-0.23	-0.70	-1.94
MRBLD1TOR130_SIN		0.00	-199.16	117.64	129.00	-67.12	3.95	-13.41	-39.85	5.79	-8.84	0.80	3.61	3.61	2.81	1.15	-1.49
MRBLD1TOR164_COS		-298.05	96.69	170.91	-54.99	-11.62	1.13	-2.54	-9.31	3.28	6.46	-8.13	0.28	1.07	-0.90	1.41	0.87
MRBLD1TOR164_SIN		0.00	-96.19	43.96	53.77	-30.31	6.25	-6.18	-17.08	0.95	2.92	4.59	-4.34	2.42	1.79	-2.37	-1.29
MRFBM1CB26P5_COS		-759.75	-1307.99	244.00	-71.57	-12.30	34.80	10.74	8.45	0.25	-3.70	19.53	-1.92	-0.29	0.80	1.94	-2.20
MRFBM1CB26P5_SIN		0.00	507.38	152.39	-8.65	-40.80	-4.38	-24.40	-10.47	3.24	-7.56	-13.53	1.78	-1.26	0.00	0.17	-0.76
MRFBM1FB9_COS		667.22	130.94	-277.85	-102.58	28.46	23.84	14.87	-11.55	2.80	2.90	-5.72	1.95	0.17	0.03	-0.44	0.59
MRFBM1FB9_SIN		0.00	-82.50	-220.55	-95.29	-50.86	-9.45	10.75	19.53	1.28	4.42	3.10	0.31	0.86	0.03	-0.34	-1.17
MRFBM1TOR26P5_COS		-101.12	84.87	5.36	-1.01	0.18	-0.50	0.69	0.06	-0.27	-0.13	0.06	0.09	0.01	-0.01	-0.01	0.04
MRFBM1TOR26P5_SIN		0.00	-261.14	2.97	1.26	-2.00	0.26	-0.51	-0.17	0.03	0.16	0.08	0.03	-0.18	-0.11	-0.04	0.03

RUN	POINT	Harmonics															
54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		238.51	-1696.37	413.16	-75.36	-82.69	7.05	-79.02	29.28	22.43	-27.61	35.92	-14.93	-5.87	1.40	4.30	-1.97
MRPC1CB33P25_SIN		0.00	1283.58	81.26	80.17	93.15	-49.26	-25.64	-100.87	25.02	-6.27	-98.96	27.42	1.62	4.46	7.17	16.20
MRPC1FB33P25_COS		1806.91	423.55	60.85	474.89	-100.99	-86.32	-139.78	96.04	-41.96	-67.50	150.75	-30.76	-4.00	11.87	21.93	3.79
MRPC1FB33P25_SIN		0.00	-56.31	313.31	189.59	366.21	151.67	-6.57	-360.04	-13.91	-116.78	-122.28	24.91	-10.90	2.60	9.85	37.46
MRPC1TOR25P5_COS		-310.66	-103.82	-345.99	91.43	2.98	14.38	-10.19	16.63	16.46	1.93	13.59	-0.62	0.29	-4.30	-1.22	-3.70
MRPC1TOR25P5_SIN		0.00	3.38	-217.48	-166.17	62.47	-16.13	28.83	51.81	-4.26	-0.27	-19.05	5.38	14.85	10.48	1.96	-0.88
MRPLK1LOAD_COS		3.91	-17.56	-45.70	10.99	-1.24	3.28	-2.86	2.34	3.50	0.94	1.14	-0.38	0.07	-0.31	-0.11	-0.85
MRPLK1LOAD_SIN		0.00	6.44	-29.48	-25.69	8.46	-2.36	3.49	7.50	-0.26	-0.02	-1.80	-0.15	2.49	1.98	0.17	-0.27
PITCHRH_COS		5432.57	-9239.13	538.56	82.61	-112.34	383.53	230.39	-150.91	105.51	47.02	-93.18	-28.85	20.81	50.01	-24.43	-179.53
PITCHRH_SIN		0.00	1732.57	-1091.86	-176.40	-96.69	1107.85	120.09	58.29	43.21	-95.78	-232.37	32.21	-21.43	28.47	-25.29	131.82
ROLLRH_COS		3903.24	-1854.45	1247.70	90.11	-212.63	-2545.67	-45.74	86.77	-95.10	132.78	183.84	-10.67	-3.94	-63.44	42.83	39.98
ROLLRH_SIN		0.00	-9263.63	505.87	170.85	-23.17	1373.18	-82.16	-106.13	83.46	-50.26	64.63	-8.66	-39.14	13.13	5.24	128.98
TORQ_COS		108131.72	379.24	29.79	250.82	46.13	-183.82	3.85	-20.73	-6.92	1.37	-46.38	1.27	4.47	-3.93	-5.67	6.94
TORQ_SIN		0.00	1089.22	-100.54	77.92	-17.73	41.63	5.64	28.28	-14.83	-3.92	68.35	0.17	-6.38	4.61	-4.28	-0.83
THRUST_COS		5782.81	-122.99	36.30	35.45	-5.48	31.72	3.60	6.35	0.56	-0.47	-44.21	-1.13	-0.08	4.58	-3.48	-15.55
THRUST_SIN		0.00	-189.12	1.01	-32.37	15.56	-106.83	10.75	8.75	2.23	-1.92	68.37	-2.87	0.06	-0.18	-4.23	-18.33

RUN	POINT	Harmonics															
54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.43	60.62	-33.09	4.16	53.04	85.83	13.43	-0.69	-1.31	-6.24	-3.93	-0.01	-0.07	1.78	-0.97	-1.17
SIDERH_SIN		0.00	233.88	-19.59	-2.53	-10.73	-214.43	-8.09	2.87	-2.43	2.23	-8.71	2.34	1.04	-0.01	-0.56	-4.05
DRAGRH_COS		-127.68	238.86	8.11	-4.87	0.98	22.06	-45.23	-2.64	-2.66	-3.43	-1.70	3.16	-1.86	-1.69	1.16	8.03
DRAGRH_SIN		0.00	-52.87	31.48	0.67	0.49	211.09	-9.09	-5.07	-5.72	10.11	5.70	-1.60	2.14	0.06	0.84	-7.00

RUN	POINT	Harmonics															
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-1.29	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.04	0.00	-0.01	0.00	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.77	0.00	0.00	0.00	0.01	0.03	0.01	0.00	-0.04	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.61	-0.82	-18.73	-0.67	1.65	-1.90	-0.06	0.17	-0.46	-0.14	-0.36	0.06	0.05	0.08	0.07	-0.35
ACT1FORCE_SIN		0.00	21.36	-6.11	-5.83	3.12	0.58	-2.21	1.04	0.19	-0.08	-1.51	-0.10	-0.12	-0.03	-0.13	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.43	1.22	-95.34	9.69	-12.58	9.52	8.82	0.08	0.00	-0.01	0.15	-0.04	0.03	0.02	-0.05	-0.02
FA1IBVOLTAGE_SIN		0.00	-128.83	245.36	40.64	-12.63	-3.53	20.14	0.00	0.11	0.05	-0.17	-0.06	0.01	0.00	0.08	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.34	-1.20	95.17	-9.64	12.28	-9.57	-8.95	-0.06	0.01	0.02	-0.16	0.03	-0.02	-0.03	0.06	0.00
FA1OBVOLTAGE_SIN		0.00	129.13	-245.88	-40.99	12.69	3.81	-20.20	-0.05	-0.01	-0.03	0.16	0.06	-0.04	0.00	-0.07	0.01
MRBLD1CB42P75_COS		-612.44	-2195.48	530.71	-113.30	-143.69	-19.08	-82.44	-10.20	15.68	-23.29	-26.22	-10.17	-11.66	-2.37	-1.10	-0.94
MRBLD1CB42P75_SIN		0.00	1679.13	118.93	114.19	164.79	-111.05	12.05	-115.26	32.71	42.82	-114.54	49.72	8.41	5.65	3.95	17.73

RUN	POINT	Harmonics															
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4531.42	-1631.45	348.63	-150.89	-123.03	-87.31	-88.88	-29.60	12.97	-3.56	-52.98	-5.25	-5.82	-0.72	0.10	9.88
MRBLD1CB70_SIN		0.00	1212.43	17.16	86.32	303.28	-91.31	107.53	-75.39	22.44	44.31	-33.98	28.80	6.30	1.86	2.41	24.23
MRBLD1CB120_COS		-255.31	-912.55	271.11	-48.87	-55.75	-115.98	-80.73	-18.99	7.87	7.94	11.32	1.82	5.67	3.65	5.00	-1.31
MRBLD1CB120_SIN		0.00	809.06	-41.16	37.62	367.70	-13.26	145.69	-74.46	-30.98	-41.07	43.76	-20.59	2.41	-0.55	-1.88	3.34
MRBLD1CB164_COS		-1973.40	-288.67	21.16	16.14	-21.54	-84.82	-38.26	3.82	-9.01	3.29	45.43	0.32	2.82	-0.07	-1.38	-8.46
MRBLD1CB164_SIN		0.00	282.14	-1.03	-0.92	169.24	6.69	60.22	2.89	-39.92	-58.71	19.95	-10.11	2.00	0.14	2.93	-16.54
MRBLD1FB42P75_COS		2486.66	498.22	262.63	405.91	26.08	-24.20	-119.52	-209.30	-45.59	-125.46	-66.16	14.27	-11.29	3.70	2.53	29.80
MRBLD1FB42P75_SIN		0.00	-368.69	299.18	227.81	325.27	177.56	58.41	-332.11	5.59	-34.20	-220.66	41.23	-0.95	-5.74	-19.96	13.78
MRBLD1FB70_COS		624.64	98.41	79.67	104.10	-1.15	-7.43	-24.06	-27.05	2.73	-2.11	-2.43	1.68	1.34	-0.16	0.54	-5.26
MRBLD1FB70_SIN		0.00	-253.95	142.54	25.85	96.72	28.52	15.01	-52.87	8.11	9.01	3.89	1.59	2.14	1.95	4.04	-3.29
MRBLD1FB87_COS		78.50	122.31	-6.17	47.10	-3.88	-14.28	-2.29	15.79	8.01	23.91	17.22	-2.83	3.96	-0.52	-0.67	-6.59
MRBLD1FB87_SIN		0.00	-306.81	108.20	-3.21	42.81	7.10	-3.14	27.69	-3.37	6.89	51.21	-10.93	1.58	3.10	5.84	-0.57
MRBLD1FB120_COS		-296.23	151.60	-106.96	23.23	15.53	-34.21	4.12	33.27	-13.14	-6.09	-5.18	-5.24	-6.31	0.42	0.52	10.14
MRBLD1FB120_SIN		0.00	-423.23	127.53	39.29	23.74	12.71	-14.99	82.00	-5.86	-13.17	-20.41	1.92	-6.90	-8.12	-10.39	0.67
MRBLD1FB164_COS		64.72	88.79	163.19	23.26	35.30	56.52	33.33	-30.79	10.35	8.05	8.94	2.54	5.54	-2.37	-5.30	-6.71
MRBLD1FB164_SIN		0.00	-585.08	95.27	243.81	-37.68	-33.98	-13.52	-116.03	11.19	19.75	35.35	-9.34	3.47	4.89	4.09	-2.49

RUN	POINT	Harmonics															
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.80	-53.83	187.83	1.89	20.41	64.05	18.94	-39.34	6.11	32.37	34.90	-12.37	-11.31	-6.29	1.24	12.81
MRBLD1FB180_SIN		0.00	-419.62	41.13	173.51	-45.57	-19.74	5.88	-105.54	4.71	19.32	99.12	-25.71	-11.83	-12.94	-14.60	1.10
MRBLD1TOR51_COS		-1498.95	126.18	312.54	-6.98	-39.70	-2.23	-4.32	-27.01	-12.01	-0.52	-7.26	0.18	-3.57	1.70	4.20	0.43
MRBLD1TOR51_SIN		0.00	-232.57	82.77	192.61	-32.89	8.42	-13.64	-49.02	6.62	0.00	14.07	-4.40	-6.45	-7.62	-0.27	4.08
MRBLD1TOR71_COS		-346.70	156.43	261.44	-8.27	-28.04	6.11	6.47	-22.99	-8.63	4.69	-8.29	0.42	-1.69	2.18	3.68	-0.23
MRBLD1TOR71_SIN		0.00	-223.68	59.23	155.20	-49.64	6.51	-12.51	-26.28	5.98	1.96	22.82	-7.57	-3.34	-5.25	-0.28	3.06
MRBLD1TOR130_COS		-93.25	131.49	258.90	-12.23	-23.91	11.34	5.19	-16.50	-2.31	0.50	4.24	-1.93	-0.34	-0.09	-0.78	-1.63
MRBLD1TOR130_SIN		0.00	-194.21	0.40	149.93	-51.75	-2.19	-7.87	-31.39	4.92	-4.18	-2.13	1.53	4.51	2.63	-0.49	-0.57
MRBLD1TOR164_COS		-298.08	65.67	168.26	-9.09	-20.09	0.92	-5.24	-12.25	1.61	7.32	-1.81	-1.43	2.34	-0.21	-1.20	0.90
MRBLD1TOR164_SIN		0.00	-94.33	-32.15	62.25	-22.56	1.85	-2.19	-11.51	-0.03	1.01	9.54	-5.16	2.33	2.80	-3.47	-1.23
MRFBM1CB26P5_COS		-771.58	-1345.26	265.09	-42.26	-26.14	28.61	3.67	7.40	0.96	-5.05	13.86	-0.02	-0.26	0.46	1.48	-1.98
MRFBM1CB26P5_SIN		0.00	682.60	140.93	7.83	-57.79	-22.06	-28.17	-13.97	1.65	-5.51	-24.24	2.99	-1.01	-0.04	-1.25	-0.54
MRFBM1FB9_COS		659.02	119.29	-302.68	-55.67	20.98	20.68	15.42	-3.42	2.09	2.81	-4.17	1.87	0.39	-0.01	-0.58	0.56
MRFBM1FB9_SIN		0.00	-182.52	-176.28	-109.21	-42.49	-9.36	7.03	21.75	1.39	2.92	5.76	-0.63	0.82	0.06	0.21	-1.20
MRFBM1TOR26P5_COS		-100.97	81.61	5.66	-0.86	-0.74	-0.32	0.59	0.03	-0.22	-0.21	-0.03	0.13	-0.05	-0.04	0.01	0.05
MRFBM1TOR26P5_SIN		0.00	-261.98	1.85	1.63	-2.04	0.35	-0.63	-0.22	0.18	0.17	0.06	0.13	-0.21	-0.11	0.07	-0.02

RUN	POINT	Harmonics															
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		254.07	-1625.88	448.98	-60.50	-80.09	-6.90	-76.18	-11.11	25.19	-19.89	-6.94	1.90	-7.01	0.04	3.38	-1.87
MRPC1CB33P25_SIN		0.00	1511.93	67.10	107.71	98.64	-78.04	-13.71	-102.81	10.95	5.92	-104.55	35.38	4.67	4.53	2.09	15.95
MRPC1FB33P25_COS		1793.42	415.06	92.96	322.25	-37.47	-69.18	-119.25	-34.59	-30.27	-69.88	81.97	-12.33	-5.04	6.88	16.88	3.84
MRPC1FB33P25_SIN		0.00	-110.08	262.04	254.32	286.20	133.94	10.85	-360.02	-26.05	-92.35	-203.69	39.95	-7.34	0.58	-9.10	37.82
MRPC1TOR25P5_COS		-312.39	-58.38	-356.53	36.64	35.61	9.26	0.38	26.70	15.96	7.01	14.42	-1.04	5.17	-1.07	-3.74	-2.68
MRPC1TOR25P5_SIN		0.00	-3.21	-80.84	-203.00	52.55	-11.71	20.56	39.56	-10.28	-5.32	-24.79	8.07	14.71	12.68	-0.39	0.18
MRPLK1LOAD_COS		3.90	-11.94	-46.98	3.84	3.39	2.45	-1.63	3.89	3.30	1.71	1.87	-0.67	0.88	0.24	-0.53	-0.79
MRPLK1LOAD_SIN		0.00	5.57	-11.50	-30.85	7.36	-1.73	2.56	5.93	-1.36	-0.66	-2.29	-0.24	2.58	2.17	-0.63	0.18
PITCHRH_COS		5642.95	-9224.23	456.29	72.25	-144.00	479.29	218.29	-122.11	128.45	-33.81	-105.82	27.39	11.60	53.17	-33.53	-148.84
PITCHRH_SIN		0.00	1888.83	-1287.28	-114.58	-25.72	322.95	-7.99	101.92	-9.53	-109.23	-215.04	62.73	-10.50	9.34	11.15	87.64
ROLLRH_COS		6057.75	-1986.62	1354.83	26.48	-219.06	-1750.74	-0.20	44.83	15.26	104.34	254.85	-26.99	-4.79	-26.10	46.42	18.69
ROLLRH_SIN		0.00	-9249.33	401.96	114.35	85.23	1659.90	-29.96	-131.47	111.55	-65.16	27.70	55.30	-33.22	26.84	6.54	111.76
TORQ_COS		107950.96	422.80	11.14	230.30	75.07	-165.92	1.60	-25.63	-5.85	0.81	-21.40	-6.15	0.64	-2.29	-3.05	5.29
TORQ_SIN		0.00	1074.42	-111.47	34.19	-66.01	152.24	7.10	46.94	-13.50	-3.56	95.44	-0.81	-6.24	4.77	-2.27	-0.50
THRUST_COS		5758.19	-127.50	29.91	28.70	-6.80	14.22	3.05	5.57	1.10	-0.53	-9.57	-11.56	1.35	3.15	-3.90	-13.95
THRUST_SIN		0.00	-174.70	-14.64	-32.34	25.17	-91.26	8.14	15.43	2.31	-1.57	98.12	-1.51	0.80	0.80	-4.48	-15.57

RUN	POINT	Harmonics															
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-129.97	62.28	-35.94	6.06	41.90	2.48	5.52	0.62	-3.86	-4.66	-7.98	1.40	-0.13	0.90	-1.26	-0.71
SIDERH_SIN		0.00	230.46	-12.96	-2.84	-35.04	-210.54	-14.05	1.58	-1.78	3.90	-9.48	-1.46	0.74	-0.34	-0.29	-3.51
DRAGRH_COS		-129.83	236.52	14.05	-2.99	1.05	150.42	-48.35	-8.10	-3.66	1.69	-2.40	-2.00	-0.95	-1.00	0.87	7.60
DRAGRH_SIN		0.00	-53.51	30.57	0.99	2.02	215.31	14.86	-5.47	-4.15	11.29	8.01	-2.58	3.13	-0.13	-0.90	-4.79

RUN	POINT	Harmonics															
54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.72	0.00	0.00	0.00	0.00	0.01	-0.02	-0.01	0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.29	0.00	0.00	0.00	0.00	0.03	0.01	0.01	0.02	0.00	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.04	-0.18	-19.85	-2.37	1.57	-1.78	-1.44	0.42	-0.64	-0.04	-0.12	0.09	-0.07	-0.12	0.29	-0.09
ACT1FORCE_SIN		0.00	21.36	-0.46	-5.40	1.70	1.14	-0.14	0.66	0.13	0.00	0.60	0.11	-0.08	0.15	0.33	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.88	-4.15	56.60	20.23	-8.49	8.95	11.78	0.04	0.00	0.00	-0.12	-0.02	-0.02	0.02	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-125.58	283.79	38.87	-4.69	-5.66	-6.22	-0.11	-0.06	0.00	0.09	0.08	-0.01	0.01	0.03	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.91	4.19	-56.95	-20.31	8.52	-8.84	-11.85	-0.01	0.07	-0.01	0.12	0.00	0.01	-0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	125.95	-284.26	-39.30	5.14	5.86	6.26	0.07	0.00	-0.01	-0.08	-0.08	0.02	0.00	-0.03	0.01
MRBLD1CB42P75_COS		-700.62	-2040.98	569.12	-110.03	-172.57	-47.03	-61.48	-35.87	19.85	-5.67	-8.34	4.75	-8.53	-7.41	-1.05	-4.62
MRBLD1CB42P75_SIN		0.00	1873.00	90.81	108.85	225.83	-141.39	1.78	-98.93	17.42	37.21	-76.21	35.85	11.69	2.25	1.60	19.66

RUN	POINT	Harmonics															
54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4477.94	-1540.63	411.82	-209.64	-181.05	-84.70	-46.99	-36.04	16.13	6.66	-22.86	4.69	-3.00	-3.77	-0.86	4.10
MRBLD1CB70_SIN		0.00	1349.76	6.35	75.62	407.92	-119.18	109.84	-59.90	14.42	35.88	-19.69	21.74	7.54	-0.78	-2.05	27.89
MRBLD1CB120_COS		-282.80	-882.20	327.66	-120.18	-96.59	-91.22	-37.58	-10.76	4.44	4.66	1.02	-6.26	3.54	5.07	4.26	-1.64
MRBLD1CB120_SIN		0.00	875.90	-52.49	48.72	462.18	-25.79	170.16	-67.58	-29.42	-38.95	38.92	-11.42	1.19	0.96	-1.86	3.29
MRBLD1CB164_COS		-1979.88	-279.34	49.79	-33.46	-28.37	-68.20	-24.75	16.50	-11.26	-4.61	18.08	-6.25	1.47	-0.13	-1.53	-3.42
MRBLD1CB164_SIN		0.00	301.01	14.49	15.17	199.42	10.17	79.42	-1.93	-36.10	-52.12	18.26	-3.67	2.18	2.77	5.51	-19.30
MRBLD1FB42P75_COS		2469.93	456.98	185.82	362.85	93.24	-61.16	-98.91	-254.23	-60.24	-88.68	-52.12	15.39	-7.90	0.72	4.04	29.74
MRBLD1FB42P75_SIN		0.00	-396.85	231.12	424.75	294.03	166.37	37.79	-285.99	-19.65	-40.66	-127.17	28.47	9.67	-5.78	-19.34	23.37
MRBLD1FB70_COS		613.20	99.40	53.12	78.89	18.36	-16.79	-18.35	-34.31	0.72	0.62	-0.10	1.03	1.50	0.27	-0.18	-5.38
MRBLD1FB70_SIN		0.00	-248.96	120.79	89.00	90.65	24.69	10.37	-43.55	5.35	7.45	4.70	1.85	1.53	2.16	3.89	-5.00
MRBLD1FB87_COS		75.27	124.25	-22.74	22.16	4.10	-14.65	-2.88	20.95	10.15	17.25	13.22	-3.36	2.87	0.30	-0.85	-6.58
MRBLD1FB87_SIN		0.00	-304.33	100.98	35.69	33.69	6.24	-2.93	23.38	0.75	8.05	30.48	-6.79	-0.75	2.91	5.68	-2.83
MRBLD1FB120_COS		-294.51	162.14	-121.82	-21.83	3.55	-24.49	-5.79	42.37	-9.67	-8.52	-8.15	-3.12	-5.93	-0.51	1.74	10.03
MRBLD1FB120_SIN		0.00	-422.27	134.15	88.35	7.84	17.45	-10.32	67.96	-3.78	-11.62	-16.53	-1.78	-5.59	-7.63	-10.43	3.58
MRBLD1FB164_COS		62.22	81.89	72.09	33.27	-9.42	62.64	37.41	-48.72	4.86	10.05	9.36	-0.59	3.89	-0.96	-4.93	-6.78
MRBLD1FB164_SIN		0.00	-553.25	14.11	280.83	-16.04	-34.54	-11.60	-96.25	8.80	17.24	26.19	-4.68	0.24	4.28	4.56	-3.31

RUN	POINT	Harmonics															
54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.32	-61.02	108.75	25.91	-0.05	60.78	23.49	-50.92	5.89	23.27	25.11	-14.04	-9.96	-5.19	2.37	13.66
MRBLD1FB180_SIN		0.00	-392.88	-31.15	175.79	-25.35	-18.30	-0.07	-89.24	9.17	22.32	60.35	-19.07	-13.49	-11.78	-14.09	4.60
MRBLD1TOR51_COS		-1503.34	97.27	242.00	48.01	-46.99	-3.95	5.74	-32.70	-11.69	1.78	1.77	-1.15	-1.43	1.02	5.17	0.45
MRBLD1TOR51_SIN		0.00	-196.50	-27.81	192.06	-1.65	7.67	-14.79	-47.72	7.56	0.11	10.78	-3.17	-5.31	-5.36	-1.89	5.35
MRBLD1TOR71_COS		-346.15	126.16	193.95	47.76	-34.08	5.83	14.12	-25.36	-9.16	4.53	1.45	-1.63	-0.27	1.03	3.40	0.37
MRBLD1TOR71_SIN		0.00	-192.36	-42.13	148.04	-22.23	7.42	-12.07	-26.13	8.62	2.10	15.08	-5.31	-3.55	-3.19	-0.83	3.79
MRBLD1TOR130_COS		-89.89	99.58	191.33	46.41	-29.19	10.72	12.57	-20.04	-3.29	2.37	6.86	-1.77	-1.28	-1.10	-2.87	-0.71
MRBLD1TOR130_SIN		0.00	-163.78	-95.18	131.94	-25.87	-1.33	-6.17	-29.68	5.08	-2.54	-2.12	2.21	3.32	2.39	0.67	-1.39
MRBLD1TOR164_COS		-295.42	40.61	128.92	32.78	-14.79	-2.53	0.82	-11.99	0.52	5.86	1.24	-1.24	0.30	0.36	-2.26	0.55
MRBLD1TOR164_SIN		0.00	-75.95	-91.61	40.80	-7.02	0.87	-2.57	-9.61	1.02	1.03	2.42	-3.41	0.47	1.18	-1.52	-1.54
MRFBM1CB26P5_COS		-893.25	-1281.45	268.36	0.03	-34.08	18.83	0.16	1.68	1.50	-3.09	7.71	0.26	-0.83	0.41	1.77	-1.65
MRFBM1CB26P5_SIN		0.00	814.20	124.53	-4.52	-66.66	-26.42	-31.66	-13.61	0.04	-4.15	-17.16	1.83	-0.43	-0.15	-0.46	-0.61
MRFBM1FB9_COS		603.85	72.63	-266.67	-25.46	14.95	23.04	14.28	0.09	1.53	1.65	-2.16	1.22	0.69	0.00	-0.54	0.89
MRFBM1FB9_SIN		0.00	-251.27	-122.22	-150.68	-43.36	-6.47	7.34	21.33	2.64	2.10	3.85	-0.72	0.45	0.28	0.13	-1.22
MRFBM1TOR26P5_COS		-103.76	81.73	5.02	-0.32	-1.66	-0.10	0.47	0.01	-0.13	-0.13	-0.12	0.14	0.02	0.02	0.10	0.03
MRFBM1TOR26P5_SIN		0.00	-260.26	0.76	1.58	-1.40	0.39	-0.95	-0.23	0.17	0.10	0.24	0.08	-0.10	-0.08	0.00	0.00

RUN	POINT	Harmonics															
54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		209.12	-1477.92	471.80	-26.12	-77.69	-38.76	-71.94	-32.70	23.65	-6.55	-2.60	8.96	-5.32	-3.79	2.97	-5.38
MRPC1CB33P25_SIN		0.00	1653.90	40.59	105.29	116.14	-93.32	-21.60	-88.32	-3.77	4.12	-69.50	23.58	7.32	1.92	-0.01	17.48
MRPC1FB33P25_COS		1773.90	383.74	43.54	250.28	21.17	-96.56	-95.02	-86.90	-30.15	-37.82	40.41	-2.81	-9.36	4.70	17.64	-4.23
MRPC1FB33P25_SIN		0.00	-134.62	199.23	411.99	277.72	113.72	-0.01	-340.98	-53.22	-79.09	-125.71	31.91	2.03	-2.44	-7.15	42.81
MRPC1TOR25P5_COS		-318.88	-26.15	-281.19	-26.61	44.98	8.88	-8.16	30.58	14.55	4.98	5.36	1.32	0.65	-1.99	-8.04	-1.99
MRPC1TOR25P5_SIN		0.00	-37.56	34.53	-197.77	19.70	-12.47	22.00	39.11	-12.07	-3.98	-20.09	7.70	11.57	8.90	3.53	-1.22
MRPLK1LOAD_COS		2.63	-7.76	-36.81	-4.63	4.97	2.34	-2.68	4.55	2.91	1.19	1.20	-0.38	0.05	-0.20	-1.55	-0.56
MRPLK1LOAD_SIN		0.00	1.09	3.55	-30.38	2.92	-1.76	3.12	5.78	-1.60	-0.35	-2.50	-0.07	1.68	1.54	0.18	-0.10
PITCHRH_COS		6722.31	-9296.72	208.08	86.73	-40.48	668.09	230.00	-86.87	-9.22	-9.22	-4.05	13.88	-2.88	42.43	-10.74	-137.09
PITCHRH_SIN		0.00	1842.95	-1378.73	-43.33	22.22	-285.32	26.98	62.29	-3.61	-19.11	-226.14	43.35	19.99	-13.93	7.70	50.68
ROLLRH_COS		7702.98	-1871.06	1371.33	-6.62	-66.87	-1603.88	-45.09	53.40	135.56	151.67	305.97	-14.35	-18.80	-65.16	0.17	63.13
ROLLRH_SIN		0.00	-9324.82	260.04	137.59	226.64	1861.90	-28.89	-134.81	-13.68	-54.57	31.76	34.87	-24.89	-10.71	9.72	154.82
TORQ_COS		106104.63	401.75	-4.95	168.10	50.90	-105.59	3.08	-0.53	-7.21	2.51	-10.96	-4.49	2.73	-2.90	-5.91	3.90
TORQ_SIN		0.00	1040.17	-106.12	21.94	-135.25	222.29	9.38	40.30	-8.84	-4.23	68.34	4.58	-5.82	4.40	-2.09	-0.74
THRUST_COS		5670.62	-115.91	18.41	22.66	-3.01	23.89	7.05	11.13	-2.24	-2.91	2.26	-10.62	0.82	1.21	-5.51	-9.58
THRUST_SIN		0.00	-187.53	-23.01	-23.46	30.40	-77.36	6.87	12.27	-1.88	2.36	61.07	4.59	1.07	2.66	1.29	-23.82

RUN	POINT	Harmonics															
54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-117.91	65.97	-35.11	2.58	6.04	-40.04	8.32	-0.80	-5.47	-6.05	-11.72	0.03	0.39	1.83	0.14	-2.04
SIDERH_SIN		0.00	236.63	-6.96	-7.76	-43.46	-218.85	-6.95	3.01	2.00	3.37	-7.97	-1.36	0.50	0.63	-0.36	-4.48
DRAGRH_COS		-116.62	237.05	20.84	-1.76	5.03	238.46	-30.67	-2.90	-0.57	-1.96	-7.04	-1.07	0.21	-0.46	0.33	7.16
DRAGRH_SIN		0.00	-59.74	25.59	-0.01	6.65	257.99	3.99	1.70	-1.94	4.37	9.25	-0.48	-0.10	0.80	0.62	-2.99

RUN	POINT	Harmonics															
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.01	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.95	0.01	-19.11	-3.53	1.27	-0.90	0.12	0.20	-0.31	0.00	0.80	-0.06	-0.14	-0.07	-0.26	-0.10
ACT1FORCE_SIN		0.00	21.01	4.35	-4.27	0.83	1.93	1.11	0.19	0.31	-0.11	-0.72	0.23	0.08	-0.02	0.01	0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		389.87	-7.87	200.46	27.93	-5.53	5.82	-8.12	-0.03	-0.06	-0.07	0.15	0.01	0.00	0.00	0.00	-0.05
FA1IBVOLTAGE_SIN		0.00	-119.68	249.34	31.55	-2.03	-9.14	-8.07	-0.01	-0.01	0.08	-0.03	-0.04	0.07	-0.05	0.04	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.94	8.04	-201.33	-28.20	6.11	-5.64	8.13	0.06	-0.01	0.06	-0.14	0.00	0.00	-0.01	0.00	0.04
FA1OBVOLTAGE_SIN		0.00	120.10	-249.50	-31.98	2.36	9.26	8.07	-0.06	0.00	-0.07	0.02	0.05	-0.07	0.04	-0.04	-0.03
MRBLD1CB42P75_COS		-703.75	-1671.45	632.78	-113.21	-201.55	-65.56	-58.50	-33.83	14.90	-14.33	-8.77	25.48	-5.26	-6.05	3.50	-7.56
MRBLD1CB42P75_SIN		0.00	2131.70	56.18	120.02	277.28	-144.43	-20.82	-56.29	15.65	26.96	-85.04	24.80	11.52	5.43	-1.94	23.00

RUN	POINT	Harmonics															
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4464.59	-1307.11	475.77	-251.83	-195.40	-39.65	-41.94	-36.51	11.88	-3.69	-21.15	19.88	-1.10	-2.22	2.77	0.42
MRBLD1CB70_SIN		0.00	1542.25	-24.86	104.49	512.91	-110.06	94.15	-23.67	15.68	26.64	-31.32	13.05	6.99	2.56	-7.03	32.22
MRBLD1CB120_COS		-279.52	-795.17	364.38	-157.35	-94.84	-5.35	-28.02	-18.04	8.99	3.64	-0.66	-15.07	1.50	2.45	3.08	-2.72
MRBLD1CB120_SIN		0.00	964.34	-76.10	94.40	564.32	-12.78	178.18	-43.16	-33.49	-30.46	37.89	-7.44	1.10	0.36	-2.06	3.13
MRBLD1CB164_COS		-1981.79	-259.90	74.10	-55.73	-21.57	-22.31	-20.51	11.11	-2.14	-0.13	14.51	-15.19	-0.10	-1.83	-6.32	-1.28
MRBLD1CB164_SIN		0.00	323.00	18.21	52.89	232.42	23.34	93.37	-8.95	-38.53	-41.31	21.78	-0.01	2.70	1.76	8.00	-21.67
MRBLD1FB42P75_COS		2491.30	370.05	142.54	421.92	84.22	-96.12	-81.99	-210.95	-52.05	-78.31	-53.02	19.16	-2.34	-0.46	5.98	32.92
MRBLD1FB42P75_SIN		0.00	-439.85	224.33	612.39	272.45	127.64	9.24	-182.85	-47.97	-44.03	-130.60	12.31	11.38	-5.40	-28.27	28.80
MRBLD1FB70_COS		615.27	103.92	43.69	89.45	15.91	-23.55	-16.10	-25.90	1.37	0.98	-0.08	1.18	0.79	0.60	-0.32	-5.75
MRBLD1FB70_SIN		0.00	-251.25	123.05	156.80	87.58	16.55	3.87	-24.33	2.42	6.70	4.05	2.24	1.38	1.85	5.35	-6.21
MRBLD1FB87_COS		73.60	125.20	-26.61	22.41	3.72	-14.61	-3.65	17.61	8.94	15.70	14.17	-4.40	1.60	0.77	-1.19	-7.18
MRBLD1FB87_SIN		0.00	-310.02	107.57	78.97	28.81	6.33	-1.26	15.50	5.10	8.95	31.54	-1.51	-0.61	3.06	8.50	-3.21
MRBLD1FB120_COS		-298.02	169.38	-117.25	-30.68	-3.01	-15.61	-9.37	29.42	-10.41	-9.00	-8.37	-2.88	-4.56	-1.53	1.63	10.97
MRBLD1FB120_SIN		0.00	-431.13	145.62	145.95	-4.41	22.80	0.28	41.16	0.99	-11.33	-16.23	-5.13	-5.93	-8.02	-13.75	4.32
MRBLD1FB164_COS		70.14	85.37	-9.44	53.71	-23.40	60.37	42.08	-32.88	6.79	13.16	11.33	-2.30	2.38	-0.28	-4.30	-7.72
MRBLD1FB164_SIN		0.00	-532.80	0.19	308.33	6.70	-36.64	-19.72	-59.47	0.79	15.04	27.47	0.14	-0.45	3.07	6.65	-3.17

RUN	POINT	Harmonics															
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-11.91	-62.44	30.19	45.46	-4.56	52.37	24.62	-31.45	8.24	21.62	24.62	-16.79	-10.85	-7.43	1.49	14.94
MRBLD1FB180_SIN		0.00	-371.89	-47.33	169.48	-3.79	-17.60	-14.26	-57.34	7.83	24.53	60.84	-12.83	-13.94	-13.07	-18.02	5.00
MRBLD1TOR51_COS		-1486.87	92.73	139.02	95.73	-46.06	-4.66	13.26	-20.22	-3.18	-1.10	-0.73	-0.87	-1.67	-0.25	5.00	2.11
MRBLD1TOR51_SIN		0.00	-143.76	-81.60	169.29	28.32	3.29	-22.96	-31.85	6.25	4.44	6.93	-2.75	-4.62	-5.53	-3.81	4.66
MRBLD1TOR71_COS		-332.11	116.46	95.46	92.79	-31.13	5.03	20.37	-12.91	-2.38	1.36	-1.56	-1.94	-0.22	0.00	2.44	1.66
MRBLD1TOR71_SIN		0.00	-146.86	-91.32	118.99	3.06	5.04	-18.14	-16.21	8.57	6.34	12.59	-4.42	-3.58	-3.53	-2.49	3.12
MRBLD1TOR130_COS		-76.15	89.03	91.49	88.01	-23.54	8.97	18.20	-10.11	1.65	0.86	4.19	0.07	-0.41	-1.25	-4.13	-1.56
MRBLD1TOR130_SIN		0.00	-116.04	-142.34	92.00	-3.87	-2.04	-10.88	-18.68	3.35	0.59	-2.44	1.88	2.73	2.64	0.67	-1.21
MRBLD1TOR164_COS		-287.54	31.79	63.78	58.85	-7.49	-4.88	4.64	-6.44	0.37	4.41	0.16	-0.97	0.82	0.46	-1.69	-1.18
MRBLD1TOR164_SIN		0.00	-41.42	-124.51	5.62	3.82	0.19	-5.38	-4.20	1.14	1.26	4.34	-3.37	-0.39	0.68	-1.09	-0.77
MRFBM1CB26P5_COS		-912.48	-1093.53	279.71	20.06	-52.53	-1.51	0.64	3.44	1.11	-2.23	6.82	0.53	-0.72	-0.07	1.81	-1.58
MRFBM1CB26P5_SIN		0.00	999.54	116.48	-32.10	-77.23	-32.20	-34.93	-12.30	-1.20	-3.67	-16.20	1.62	-0.01	-0.72	-0.18	-0.88
MRFBM1FB9_COS		651.71	-110.22	-242.24	-21.43	17.26	22.52	13.42	2.51	0.50	1.34	-2.34	0.44	0.69	-0.01	-0.89	1.19
MRFBM1FB9_SIN		0.00	-299.01	-109.89	-200.68	-42.15	-1.20	8.18	15.30	2.99	2.23	4.31	-0.61	0.29	0.23	0.08	-1.33
MRFBM1TOR26P5_COS		-103.91	82.65	4.02	0.08	-2.03	0.07	0.33	-0.07	-0.06	-0.06	-0.05	0.05	-0.03	0.01	0.13	0.06
MRFBM1TOR26P5_SIN		0.00	-259.47	0.49	1.22	-0.50	0.21	-1.12	-0.34	0.14	0.08	0.15	0.09	-0.05	-0.06	0.02	-0.02

RUN	POINT	Harmonics															
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		222.76	-1158.83	528.28	-2.91	-99.38	-70.90	-70.42	-29.65	17.97	-12.20	-3.15	20.90	-2.21	-3.18	7.71	-7.65
MRPC1CB33P25_SIN		0.00	1821.10	8.11	106.24	124.49	-95.30	-31.54	-57.86	-7.50	0.39	-73.14	15.62	7.72	3.27	-3.38	19.51
MRPC1FB33P25_COS		1789.40	312.46	14.85	265.10	15.86	-113.26	-71.99	-93.84	-11.39	-29.27	40.75	10.14	-6.90	3.21	26.10	-8.06
MRPC1FB33P25_SIN		0.00	-175.00	187.02	579.07	259.43	73.31	-17.52	-242.41	-70.49	-75.68	-128.79	22.95	6.76	-3.15	-11.17	48.61
MRPC1TOR25P5_COS		-335.01	-14.56	-170.55	-79.47	43.32	9.27	-15.60	16.93	5.45	6.98	6.18	3.46	2.53	-0.46	-8.63	-5.10
MRPC1TOR25P5_SIN		0.00	-87.62	91.33	-166.70	-12.41	-8.08	30.97	27.44	-10.83	-7.91	-14.92	6.37	9.81	9.09	4.51	0.12
MRPLK1LOAD_COS		0.26	-6.15	-22.23	-11.86	4.98	2.43	-3.55	2.92	1.58	1.15	0.96	0.21	0.52	0.02	-1.87	-1.03
MRPLK1LOAD_SIN		0.00	-5.50	10.86	-26.48	-1.71	-1.01	4.42	4.27	-1.31	-0.74	-1.51	-0.25	1.22	1.52	0.17	0.08
PITCHRH_COS		9860.82	-9320.36	92.21	113.98	14.03	358.79	4.34	-120.02	35.04	5.65	93.69	11.77	25.61	25.72	1.86	-132.81
PITCHRH_SIN		0.00	1819.52	-1366.96	-14.24	51.88	-867.10	-200.26	80.00	44.63	-16.55	-241.48	63.48	21.14	-4.99	25.68	58.64
ROLLRH_COS		8791.14	-1825.77	1332.24	-95.28	31.54	-1457.41	109.96	-38.38	37.27	122.51	319.66	-11.22	-7.72	-62.88	61.82	37.40
ROLLRH_SIN		0.00	-9342.94	155.42	111.78	358.53	1688.52	-108.34	-140.33	-147.79	-60.98	-11.92	11.20	1.82	28.37	30.08	179.08
TORQ_COS		105779.16	432.12	-21.45	135.81	53.20	-22.81	8.17	-9.46	-0.29	3.04	-9.90	-3.19	2.52	-0.79	-3.64	2.94
TORQ_SIN		0.00	977.66	-105.55	37.50	-150.66	224.38	9.39	42.61	-11.25	-5.31	60.53	3.29	-3.10	5.57	-4.37	1.88
THRUST_COS		5790.70	-110.05	8.95	24.46	0.88	27.70	4.44	8.47	-1.19	-0.01	-3.25	-4.90	3.30	2.63	-4.34	-3.25
THRUST_SIN		0.00	-171.91	-25.28	-10.07	29.16	-49.28	5.74	18.42	-1.27	3.04	63.48	2.72	-1.56	-1.38	3.88	-24.92

RUN	POINT	Harmonics															
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-114.20	60.95	-31.26	-0.46	-23.23	-76.91	-5.59	1.59	-1.75	-5.08	-12.03	0.35	-0.34	1.77	-1.86	-1.43
SIDERH_SIN		0.00	234.83	-3.07	-8.64	-49.17	-206.29	-4.76	1.99	4.61	3.13	-5.60	-0.08	-0.39	-0.81	-1.05	-5.12
DRAGRH_COS		-86.86	238.86	21.87	0.00	9.33	342.49	-20.84	-3.89	1.12	-3.72	-13.11	1.54	-1.34	-0.41	0.21	7.05
DRAGRH_SIN		0.00	-56.12	22.05	-0.66	10.94	268.25	33.27	-1.33	-4.99	3.96	9.50	-1.70	0.83	-0.03	-0.51	-3.79

RUN	POINT	Harmonics															
55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.02	0.02	0.01	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.27	0.39	-19.36	-3.89	1.21	-0.63	0.29	0.33	-0.26	0.06	0.73	0.06	-0.11	-0.05	-0.27	-0.07
ACT1FORCE_SIN		0.00	20.96	4.93	-4.38	0.78	1.84	1.09	0.27	0.39	-0.09	-0.78	0.23	0.16	0.06	0.07	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		384.09	-10.64	206.64	29.62	-5.15	3.62	-8.98	-0.05	-0.07	-0.03	0.16	-0.02	-0.05	-0.01	0.01	0.03
FA1IBVOLTAGE_SIN		0.00	-119.35	242.40	32.53	-1.73	-8.16	-7.79	-0.01	-0.03	0.05	0.00	0.01	0.00	-0.05	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		421.79	10.83	-207.59	-29.90	5.76	-3.42	9.00	0.07	0.00	0.02	-0.15	0.02	0.05	0.01	-0.02	-0.04
FA1OBVOLTAGE_SIN		0.00	119.78	-242.49	-32.94	2.03	8.26	7.78	-0.05	0.03	-0.04	-0.01	0.00	-0.01	0.05	0.01	0.00
MRBLD1CB42P75_COS		-831.19	-1562.31	659.37	-100.51	-255.03	-96.56	-53.48	-48.33	17.14	-2.99	-24.80	25.57	-1.54	-3.81	15.39	-0.71
MRBLD1CB42P75_SIN		0.00	2076.78	34.70	124.75	284.16	-128.31	-17.54	-70.95	10.78	35.23	-83.04	8.07	9.36	7.12	-3.11	22.14

RUN	POINT	Harmonics															
55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4518.48	-1232.71	496.29	-251.58	-268.21	-90.55	-38.03	-43.05	11.62	7.57	-32.63	17.44	2.27	-0.76	11.27	7.46
MRBLD1CB70_SIN		0.00	1516.08	-31.68	120.89	528.50	-96.08	110.49	-41.59	14.72	32.35	-27.95	0.19	4.13	4.60	-9.79	28.09
MRBLD1CB120_COS		-209.77	-760.87	378.06	-164.73	-150.85	-51.77	-32.85	-19.08	5.11	-4.77	7.56	-14.04	2.34	2.98	2.60	-1.72
MRBLD1CB120_SIN		0.00	960.51	-77.47	107.79	589.45	-7.04	196.77	-58.57	-28.89	-33.92	37.91	1.46	1.80	-1.10	-2.39	2.60
MRBLD1CB164_COS		-1988.58	-252.49	76.50	-60.94	-41.20	-38.46	-29.46	16.46	-7.49	-11.73	24.56	-11.78	0.17	-1.27	-9.92	-4.62
MRBLD1CB164_SIN		0.00	321.16	20.34	60.98	241.50	20.06	102.20	-8.07	-34.77	-45.04	19.73	9.51	4.42	-0.16	9.40	-18.22
MRBLD1FB42P75_COS		2577.91	341.49	160.10	441.96	104.60	-96.35	-89.66	-286.80	-62.74	-90.99	-72.41	19.62	-3.02	-2.35	13.46	37.16
MRBLD1FB42P75_SIN		0.00	-421.33	205.37	648.12	323.98	167.61	8.49	-205.50	-42.51	-30.38	-133.93	2.32	7.89	-6.30	-45.95	20.77
MRBLD1FB70_COS		616.41	98.22	50.41	92.26	16.74	-24.60	-16.97	-36.74	1.50	2.44	0.64	1.71	1.09	0.79	-2.12	-6.45
MRBLD1FB70_SIN		0.00	-253.22	114.69	164.73	101.00	25.86	3.11	-29.63	2.14	6.39	4.20	2.13	1.39	2.03	8.18	-4.69
MRBLD1FB87_COS		66.25	118.14	-22.35	23.08	4.76	-12.65	-3.15	24.18	10.07	17.62	18.67	-3.62	2.12	1.51	-2.40	-7.34
MRBLD1FB87_SIN		0.00	-309.57	103.41	83.27	32.15	7.10	-1.01	17.52	4.23	5.62	31.15	0.95	-0.13	3.02	12.14	-1.75
MRBLD1FB120_COS		-307.43	154.18	-114.44	-30.73	-3.62	-11.66	-9.21	46.29	-9.88	-10.76	-10.95	-4.41	-5.57	-3.34	3.32	10.97
MRBLD1FB120_SIN		0.00	-431.53	143.29	153.55	-10.02	17.92	2.13	48.90	3.35	-9.79	-15.03	-5.29	-5.47	-7.47	-18.52	2.14
MRBLD1FB164_COS		70.56	63.85	-6.33	58.46	-21.17	55.86	40.53	-57.00	5.51	16.33	15.50	-1.70	2.59	0.95	-5.39	-8.09
MRBLD1FB164_SIN		0.00	-519.73	-8.66	308.31	-3.99	-43.85	-25.47	-71.12	-3.79	12.15	26.01	0.58	-0.82	2.86	9.77	-1.80

RUN	POINT	Harmonics															
55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.94	-78.12	34.08	48.08	-3.24	49.66	24.04	-52.51	9.67	26.10	33.44	-17.52	-13.72	-9.37	3.11	15.12
MRBLD1FB180_SIN		0.00	-359.84	-52.36	167.39	-11.21	-19.47	-18.50	-69.61	4.68	19.32	59.68	-7.86	-11.09	-11.95	-22.83	2.31
MRBLD1TOR51_COS		-1480.98	89.07	140.12	100.80	-45.16	-14.26	9.47	-32.74	-1.80	0.84	0.05	-0.69	-2.53	-1.25	6.49	3.16
MRBLD1TOR51_SIN		0.00	-130.70	-87.23	174.55	33.08	0.65	-27.09	-38.23	6.77	3.35	6.99	-2.03	-4.24	-5.59	-4.96	4.44
MRBLD1TOR71_COS		-311.03	112.91	94.50	96.50	-28.92	-1.20	17.42	-21.89	-0.64	3.27	0.13	-2.52	-0.92	0.01	3.11	2.18
MRBLD1TOR71_SIN		0.00	-134.88	-95.47	121.25	4.96	0.67	-22.11	-19.47	9.50	4.63	12.91	-3.10	-2.85	-3.38	-2.43	2.86
MRBLD1TOR130_COS		-55.42	86.59	88.04	91.52	-21.74	4.67	15.26	-18.51	2.61	0.77	4.30	-0.25	0.17	0.29	-4.28	-1.90
MRBLD1TOR130_SIN		0.00	-103.37	-145.76	92.22	-3.33	-6.82	-13.40	-22.34	3.97	-1.06	-3.68	1.69	3.26	2.99	1.99	-1.53
MRBLD1TOR164_COS		-276.83	32.92	59.70	60.86	-7.32	-7.01	3.07	-8.97	0.36	4.71	0.46	-2.46	0.72	1.24	-1.20	-1.53
MRBLD1TOR164_SIN		0.00	-32.55	-125.42	3.81	5.96	-0.91	-6.49	-4.53	2.21	-0.60	4.27	-3.34	-0.35	0.69	-0.54	-1.36
MRFBM1CB26P5_COS		-1035.86	-1012.17	294.43	28.08	-54.44	-1.45	0.65	0.86	2.48	-3.18	6.46	1.59	-0.59	0.24	2.90	-1.41
MRFBM1CB26P5_SIN		0.00	979.35	111.49	-32.76	-84.24	-30.77	-38.47	-12.47	-2.37	-3.11	-17.72	1.84	0.10	-0.93	0.06	-0.37
MRFBM1FB9_COS		670.57	-184.85	-255.51	-21.51	18.92	25.20	14.07	3.99	0.90	1.63	-1.82	0.03	0.50	-0.12	-1.61	0.82
MRFBM1FB9_SIN		0.00	-287.05	-98.35	-210.31	-47.91	-4.81	9.10	18.47	2.82	1.80	4.64	-0.48	0.31	0.27	-0.25	-1.58
MRFBM1TOR26P5_COS		-104.46	81.40	4.05	0.01	-1.76	-0.31	0.37	-0.09	-0.05	0.01	-0.03	0.15	-0.05	-0.05	0.11	0.07
MRFBM1TOR26P5_SIN		0.00	-258.21	0.62	1.35	-0.69	0.22	-1.29	-0.36	0.07	0.15	0.18	0.09	-0.08	-0.07	-0.04	-0.01

RUN	POINT	Harmonics															
55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		460.04	-1072.61	551.64	15.65	-123.41	-85.21	-72.06	-46.40	18.60	-9.63	-13.58	20.61	0.04	-1.98	17.01	-1.84
MRPC1CB33P25_SIN		0.00	1758.76	-13.80	110.49	133.29	-79.66	-32.59	-67.00	-12.89	2.66	-73.93	4.92	6.09	4.13	-5.27	19.44
MRPC1FB33P25_COS		1797.79	281.94	28.25	271.47	19.69	-124.34	-75.44	-142.06	-23.56	-45.88	28.05	15.79	-4.74	3.52	45.93	2.29
MRPC1FB33P25_SIN		0.00	-161.45	172.97	604.65	303.85	103.31	-18.56	-287.02	-70.56	-71.48	-141.08	15.23	3.02	-5.46	-15.36	46.30
MRPC1TOR25P5_COS		-362.66	-11.26	-170.40	-84.73	39.86	18.13	-11.23	28.61	3.51	3.98	5.14	2.51	4.28	3.01	-7.92	-5.36
MRPC1TOR25P5_SIN		0.00	-100.03	96.42	-172.25	-13.81	-4.89	35.66	32.30	-11.35	-8.57	-16.49	4.19	9.50	9.23	7.67	-0.55
MRPLK1LOAD_COS		-5.90	-5.24	-22.21	-12.79	4.31	3.99	-3.06	4.52	1.34	0.61	0.78	-0.33	0.76	0.84	-1.84	-1.16
MRPLK1LOAD_SIN		0.00	-7.15	11.84	-27.22	-1.95	-0.72	5.36	4.96	-1.31	-0.98	-1.79	-0.48	1.31	1.61	0.96	-0.10
PITCHRH_COS		10224.94	-9031.45	-465.66	123.47	-31.36	425.27	116.94	-145.65	61.29	41.45	90.21	16.99	19.26	44.61	-4.38	-126.91
PITCHRH_SIN		0.00	610.01	-1089.61	46.73	101.20	-795.25	-131.90	61.01	-27.66	-28.06	-271.98	110.78	-24.89	25.90	13.94	57.41
ROLLRH_COS		8422.99	-479.21	1140.15	-92.52	-16.52	-1563.18	1.19	-3.87	125.31	178.09	290.73	-27.39	23.90	-92.61	63.29	120.92
ROLLRH_SIN		0.00	-9106.54	-464.57	90.74	506.40	1746.56	-28.85	-137.06	-75.86	-29.18	-44.63	35.93	-48.13	48.46	13.67	315.74
TORQ_COS		105510.08	603.24	-36.37	97.93	129.54	13.89	1.90	0.30	-2.65	3.13	-7.95	-5.17	1.61	-2.11	-3.39	3.08
TORQ_SIN		0.00	1183.29	-76.41	36.67	-125.66	200.89	13.57	39.85	-3.11	-5.62	65.92	2.91	-6.08	6.36	-4.67	-0.25
THRUST_COS		5859.96	-239.20	1.44	16.19	-3.97	30.99	4.10	10.79	-2.66	-2.59	4.08	-10.11	0.85	5.52	-5.86	-11.01
THRUST_SIN		0.00	-245.48	-25.63	-7.67	32.29	-70.72	6.62	14.67	2.50	2.92	68.13	4.85	2.22	-1.53	6.35	-28.82

RUN	POINT	Harmonics															
55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-116.85	29.41	-29.97	0.65	-24.51	-69.01	4.83	0.70	-4.24	-7.72	-11.89	1.62	-1.21	2.46	-1.85	-3.73
SIDERH_SIN		0.00	210.80	11.21	-3.94	-57.50	-217.32	-5.23	2.27	3.28	1.48	-4.73	-0.12	1.32	-1.18	-0.59	-9.07
DRAGRH_COS		-72.46	210.35	19.30	2.35	16.37	373.96	-25.18	-1.83	0.64	-6.00	-15.22	-0.67	-1.76	-0.54	0.23	6.28
DRAGRH_SIN		0.00	-24.87	10.03	-0.32	11.15	312.29	14.60	2.04	-2.66	5.08	12.78	-5.30	2.44	-0.47	0.55	-3.56

RUN	POINT	Harmonics															
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.03	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.13	-0.38	-19.44	-3.28	0.98	-0.74	0.20	0.22	-0.28	0.06	0.79	-0.04	-0.14	-0.04	-0.28	-0.07
ACT1FORCE_SIN		0.00	21.26	3.86	-4.42	0.69	1.57	1.23	0.15	0.30	-0.17	-0.67	0.16	0.06	-0.02	-0.02	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.35	-5.99	196.99	27.04	-4.50	3.94	-8.09	-0.03	-0.07	-0.05	0.18	0.01	0.01	0.00	0.01	-0.05
FA1IBVOLTAGE_SIN		0.00	-121.28	251.58	32.37	-1.58	-7.21	-9.99	0.00	-0.01	0.05	0.01	-0.07	0.01	-0.02	0.04	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.50	6.12	-197.73	-27.26	5.07	-3.78	8.10	0.05	-0.01	0.04	-0.16	0.01	-0.01	-0.01	-0.02	0.04
FA1OBVOLTAGE_SIN		0.00	121.72	-251.89	-32.84	1.94	7.31	10.00	-0.05	-0.01	-0.05	-0.02	0.08	-0.03	0.02	-0.04	-0.01
MRBLD1CB42P75_COS		-875.97	-2168.66	571.18	-107.00	-213.11	-55.19	-47.36	-27.60	7.57	-19.30	-3.03	19.06	-7.53	-6.77	7.14	-5.93
MRBLD1CB42P75_SIN		0.00	1965.39	66.91	134.81	256.83	-136.45	-28.64	-41.04	21.40	19.50	-74.87	25.01	16.39	4.93	-1.58	18.17

RUN	POINT	Harmonics															
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4517.06	-1631.65	425.65	-230.74	-215.83	-34.60	-48.99	-31.90	6.36	-8.53	-26.26	16.03	-0.73	-1.69	7.47	-0.25
MRBLD1CB70_SIN		0.00	1415.71	-16.21	120.21	450.36	-110.87	70.41	-15.77	23.19	21.45	-25.08	12.23	10.72	2.81	-5.33	25.29
MRBLD1CB120_COS		-215.47	-919.14	333.66	-138.81	-123.74	-5.78	-51.76	-14.33	14.50	11.56	-0.67	-9.14	3.20	3.97	3.87	-1.45
MRBLD1CB120_SIN		0.00	907.00	-70.97	102.01	497.42	-28.14	138.79	-37.12	-22.73	-23.49	30.64	-7.50	-0.01	0.61	-1.05	2.81
MRBLD1CB164_COS		-1985.15	-286.23	66.22	-47.11	-37.74	-20.98	-33.80	9.66	4.46	8.77	22.47	-10.97	0.05	-0.89	-8.69	-0.15
MRBLD1CB164_SIN		0.00	309.04	16.99	49.50	205.32	11.30	71.82	-10.35	-31.23	-31.98	16.52	1.26	0.85	1.70	6.19	-16.80
MRBLD1FB42P75_COS		2456.15	487.19	176.47	427.94	18.76	-95.90	-73.51	-183.70	-51.47	-72.78	-30.05	21.58	-5.24	-0.66	10.83	28.57
MRBLD1FB42P75_SIN		0.00	-415.70	244.73	597.31	283.33	134.74	10.71	-152.08	-35.10	-50.13	-147.53	16.34	12.90	-4.73	-32.68	21.99
MRBLD1FB70_COS		598.43	101.21	53.88	93.08	-4.01	-21.81	-13.37	-20.57	1.23	0.08	-0.31	0.99	1.27	0.41	-1.68	-5.07
MRBLD1FB70_SIN		0.00	-254.22	124.33	149.00	86.51	16.77	2.99	-18.72	4.69	6.38	4.55	1.95	1.34	2.09	6.24	-4.81
MRBLD1FB87_COS		59.99	125.95	-17.89	26.80	-3.41	-13.49	-3.02	15.56	8.89	14.78	8.66	-4.70	1.95	0.54	-2.43	-6.14
MRBLD1FB87_SIN		0.00	-307.90	104.27	72.68	28.42	5.21	-2.16	12.48	3.12	9.72	34.68	-2.86	-1.44	2.67	9.02	-2.29
MRBLD1FB120_COS		-304.28	166.69	-109.06	-25.12	-1.57	-14.18	-10.33	21.61	-9.70	-8.20	-6.58	-2.65	-4.82	-0.88	3.82	9.58
MRBLD1FB120_SIN		0.00	-423.13	139.80	135.40	-3.77	19.67	1.21	33.72	-1.76	-10.75	-17.37	-4.57	-5.24	-7.52	-14.35	3.04
MRBLD1FB164_COS		50.71	85.87	5.19	54.04	-1.79	55.93	39.67	-23.60	7.15	12.40	7.60	-1.97	2.34	-0.89	-5.10	-6.90
MRBLD1FB164_SIN		0.00	-519.03	0.41	300.18	-0.34	-38.07	-20.92	-47.84	4.55	15.04	29.54	-0.29	-0.32	2.84	7.57	-2.53

RUN	POINT	Harmonics															
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-14.35	-59.02	39.79	44.11	9.32	48.07	24.11	-23.62	7.47	20.08	12.88	-16.36	-11.15	-5.16	3.99	13.22
MRBLD1FB180_SIN		0.00	-361.83	-45.92	167.23	-7.41	-17.84	-15.40	-45.72	10.30	25.12	66.54	-13.89	-14.41	-13.10	-18.41	3.00
MRBLD1TOR51_COS		-1496.29	86.01	138.86	94.49	-45.19	-18.51	13.25	-12.01	-2.02	-2.24	-3.62	-1.38	-1.90	0.24	5.99	2.29
MRBLD1TOR51_SIN		0.00	-134.86	-75.17	167.51	23.84	3.88	-13.11	-27.18	7.97	3.27	7.28	-3.07	-5.04	-5.50	-3.43	3.88
MRBLD1TOR71_COS		-321.11	116.67	96.51	90.40	-28.07	-7.53	19.21	-5.96	-0.86	0.34	-4.65	-2.46	-0.36	0.70	2.97	1.63
MRBLD1TOR71_SIN		0.00	-135.93	-86.40	117.18	1.06	5.23	-8.74	-13.74	9.56	4.87	12.83	-5.26	-3.60	-3.41	-1.93	2.82
MRBLD1TOR130_COS		-61.48	88.13	92.56	84.50	-18.66	-0.65	16.34	-4.51	1.93	0.66	5.32	-1.24	-0.73	-0.92	-4.27	-1.71
MRBLD1TOR130_SIN		0.00	-105.17	-137.52	91.00	-4.26	-1.39	-3.73	-16.10	4.70	-1.54	-1.32	1.03	3.39	2.50	0.83	-1.20
MRBLD1TOR164_COS		-276.35	30.42	62.20	56.20	-8.38	-8.63	3.58	-3.98	0.43	3.78	-0.74	-1.23	0.83	0.75	-1.54	-1.10
MRBLD1TOR164_SIN		0.00	-35.48	-121.44	6.33	3.49	0.99	-0.88	-3.72	1.18	-0.14	4.57	-4.09	0.22	0.88	-0.87	-0.80
MRFBM1CB26P5_COS		-1015.93	-1424.16	269.94	18.71	-49.33	-0.38	5.60	3.35	-0.13	-1.84	10.83	0.30	-1.04	-0.03	2.01	-0.73
MRFBM1CB26P5_SIN		0.00	873.91	120.40	-22.74	-66.07	-28.44	-30.29	-9.45	-2.02	-4.10	-15.43	2.22	-0.31	-0.66	-0.20	-0.46
MRFBM1FB9_COS		563.13	173.40	-254.50	-24.79	24.08	22.48	11.17	2.24	0.90	1.13	-3.06	0.55	0.78	-0.03	-1.08	0.85
MRFBM1FB9_SIN		0.00	-337.95	-121.50	-195.52	-38.34	-1.45	8.36	12.92	2.43	2.31	3.49	-0.69	0.25	0.23	-0.18	-1.25
MRFBM1TOR26P5_COS		-103.70	77.68	4.39	0.00	-1.65	-0.39	0.57	-0.03	-0.03	-0.07	-0.12	0.13	-0.03	-0.01	0.12	0.06
MRFBM1TOR26P5_SIN		0.00	-270.80	0.36	1.29	-0.96	0.39	-0.90	-0.30	0.12	0.21	0.10	0.14	-0.09	-0.06	0.01	-0.02

RUN	POINT	Harmonics															
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		401.71	-1525.94	462.68	-14.91	-106.30	-61.96	-60.71	-24.79	14.81	-12.41	5.59	17.99	-4.52	-3.85	10.27	-5.95
MRPC1CB33P25_SIN		0.00	1712.30	21.51	118.43	133.97	-87.75	-38.56	-45.31	-3.26	-4.36	-69.12	16.75	11.07	2.57	-3.04	15.89
MRPC1FB33P25_COS		1733.56	407.08	38.49	270.62	-39.51	-112.60	-64.66	-83.34	-17.27	-21.45	67.47	8.27	-10.51	3.12	33.61	-3.62
MRPC1FB33P25_SIN		0.00	-150.11	208.67	564.78	250.90	76.62	-13.91	-205.32	-59.48	-77.09	-126.78	26.67	5.20	-3.42	-9.93	40.69
MRPC1TOR25P5_COS		-354.99	-23.62	-170.04	-77.35	40.59	24.65	-16.13	8.62	4.12	8.65	12.50	2.65	2.52	0.06	-8.34	-5.07
MRPC1TOR25P5_SIN		0.00	-116.58	84.39	-164.73	-7.69	-9.17	19.24	23.30	-12.47	-9.22	-14.64	5.45	11.02	8.81	4.89	0.30
MRPLK1LOAD_COS		-4.50	-7.97	-21.99	-11.39	4.42	4.64	-3.80	1.77	1.33	1.36	1.85	-0.20	0.45	0.24	-1.80	-1.12
MRPLK1LOAD_SIN		0.00	-9.25	10.07	-26.24	-1.04	-1.47	2.73	3.78	-1.43	-1.31	-1.38	-0.61	1.52	1.56	0.40	0.07
PITCHRH_COS		5117.94	-9099.59	-387.75	26.96	-44.73	239.24	-26.11	-76.56	87.79	36.21	104.40	21.99	-0.62	29.66	-6.71	-120.41
PITCHRH_SIN		0.00	583.42	-1103.72	48.47	84.07	-425.05	-139.54	60.97	0.82	-56.94	-215.99	72.20	16.42	6.78	-7.35	20.84
ROLLRH_COS		9198.37	-540.12	1152.60	-107.80	-15.96	-1471.77	50.35	30.98	105.09	133.83	283.47	-10.75	-6.29	-73.44	59.80	110.43
ROLLRH_SIN		0.00	-9196.69	-381.78	103.30	437.63	1251.14	-147.45	-57.27	-77.38	9.85	8.82	19.72	-11.41	22.92	48.93	242.84
TORQ_COS		105443.32	553.87	-16.96	76.65	96.08	-35.22	2.17	-11.73	2.48	1.98	-21.93	-2.87	4.70	-2.26	-2.34	1.74
TORQ_SIN		0.00	1239.36	-87.21	40.73	-126.66	196.20	16.57	29.57	-10.48	-3.80	62.11	1.77	-5.58	6.06	-4.59	-0.18
THRUST_COS		5590.55	-235.79	2.59	17.56	-6.72	38.64	0.82	5.16	-2.30	-5.92	-13.84	-8.87	1.51	2.33	-6.38	-2.57
THRUST_SIN		0.00	-243.38	-25.01	-5.16	30.98	-56.28	9.46	11.92	1.50	-0.09	65.80	-0.71	1.13	-2.12	4.95	-23.13

RUN	POINT	Harmonics															
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-98.28	30.14	-29.17	1.00	-15.88	-36.77	-5.09	-0.10	-3.63	-5.69	-9.51	0.60	-0.16	2.01	-1.79	-3.58
SIDERH_SIN		0.00	218.20	4.74	-1.35	-55.09	-175.41	1.09	0.49	2.27	0.02	-6.28	-0.40	-0.05	-0.73	-1.73	-6.99
DRAGRH_COS		-141.88	214.42	17.95	2.91	14.37	274.62	-5.79	-2.51	0.77	-5.53	-10.15	-0.76	-1.18	-0.60	-0.38	5.81
DRAGRH_SIN		0.00	-23.67	11.99	-1.66	10.16	266.96	33.68	-0.73	-3.57	5.48	6.90	-4.17	-0.17	-0.84	0.11	-1.36

RUN	POINT	Harmonics															
55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.13	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.01	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.98	0.00	-0.01	0.00	0.00	0.01	0.02	0.01	-0.04	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.21	0.93	-19.51	-5.31	1.35	-0.34	0.33	0.22	-0.15	-0.09	0.49	0.25	-0.05	-0.13	-0.27	-0.01
ACT1FORCE_SIN		0.00	20.91	8.14	-4.36	-0.11	2.17	1.30	0.06	0.36	-0.09	-1.23	0.27	0.20	-0.02	0.20	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.08	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.78	-11.19	237.00	37.42	-5.13	2.13	-8.04	-0.07	-0.06	-0.07	0.18	-0.04	0.00	0.00	0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-114.97	289.01	29.93	2.52	-8.75	-7.93	0.00	-0.02	0.06	-0.06	0.00	-0.03	-0.04	0.05	0.06
FA1OBCURRENT_COS		0.02	0.01	-0.08	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		426.16	11.36	-238.19	-37.74	5.98	-1.85	8.06	0.08	-0.03	0.07	-0.17	0.04	-0.01	-0.03	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	115.46	-289.19	-30.44	-1.94	8.84	7.89	-0.08	0.02	-0.06	0.05	0.02	0.02	0.04	-0.05	-0.05
MRBLD1CB42P75_COS		-851.40	-2103.18	620.69	-108.12	-249.60	-103.43	-58.19	-40.88	21.75	-12.90	-34.38	22.94	-2.48	-4.10	10.28	-0.09
MRBLD1CB42P75_SIN		0.00	2239.15	14.28	148.63	321.80	-168.01	-31.72	-25.43	20.21	35.53	-71.84	5.16	14.39	4.47	-2.07	21.81

RUN	POINT	Harmonics															
55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4537.38	-1601.83	486.71	-283.66	-278.84	-72.73	-41.12	-38.71	19.47	-1.47	-31.41	15.48	2.28	-0.53	6.61	8.71
MRBLD1CB70_SIN		0.00	1614.29	-29.14	123.07	587.40	-130.01	98.00	5.78	24.84	31.81	-12.33	-1.65	9.90	1.85	-6.63	24.65
MRBLD1CB120_COS		-213.70	-894.62	389.30	-201.11	-154.71	-16.79	-26.18	-18.76	10.00	5.58	8.12	-9.20	3.47	4.02	2.65	0.04
MRBLD1CB120_SIN		0.00	997.76	-76.37	110.31	624.52	-25.52	204.10	-31.00	-28.07	-29.95	30.23	0.93	2.13	0.01	-2.30	2.05
MRBLD1CB164_COS		-1995.33	-277.88	87.02	-89.28	-41.87	-20.52	-24.03	10.64	-5.09	-0.93	21.26	-6.89	1.58	-0.45	-5.98	-5.68
MRBLD1CB164_SIN		0.00	334.65	37.74	55.68	250.96	29.03	111.17	-14.20	-35.32	-38.43	5.39	10.63	2.42	3.23	7.91	-14.51
MRBLD1FB42P75_COS		2470.02	462.42	163.13	387.35	117.45	-86.08	-52.13	-216.98	-52.01	-75.88	-100.49	17.43	-2.28	-3.11	5.40	33.45
MRBLD1FB42P75_SIN		0.00	-483.62	147.64	744.82	207.64	104.26	16.69	-118.16	-27.76	-16.60	-120.53	0.63	14.85	-5.99	-36.66	13.30
MRBLD1FB70_COS		604.07	87.45	48.49	64.48	20.64	-25.02	-11.62	-24.62	3.31	3.53	1.74	1.84	1.70	1.41	-0.86	-6.13
MRBLD1FB70_SIN		0.00	-254.64	92.00	196.48	71.10	8.50	3.48	-15.08	2.49	6.27	4.69	1.87	0.56	1.91	6.51	-3.46
MRBLD1FB87_COS		63.43	111.17	-25.54	1.08	7.94	-13.90	-5.33	18.32	8.15	15.71	24.57	-3.19	2.09	2.28	-0.05	-6.21
MRBLD1FB87_SIN		0.00	-307.16	91.05	99.21	18.21	6.13	-1.35	9.78	1.54	2.73	28.18	0.99	-2.49	2.79	10.03	-0.28
MRBLD1FB120_COS		-298.19	147.12	-122.88	-62.42	-3.08	-6.63	-16.00	30.48	-11.56	-12.38	-13.04	-4.77	-6.68	-4.89	-0.03	8.99
MRBLD1FB120_SIN		0.00	-413.93	139.68	168.63	-11.36	33.00	5.63	31.28	4.72	-6.88	-13.42	-3.29	-2.05	-6.70	-15.33	-0.25
MRBLD1FB164_COS		71.14	39.44	-32.43	75.55	-32.54	54.22	40.82	-37.33	8.62	17.22	19.75	-0.63	1.96	1.40	-2.69	-7.40
MRBLD1FB164_SIN		0.00	-496.79	-98.63	344.68	33.30	-36.51	-30.58	-51.52	-1.25	8.50	24.41	2.15	-2.80	2.88	9.59	0.58

RUN	POINT	Harmonics															
55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-0.70	-95.87	6.99	73.04	-9.04	45.36	25.34	-34.02	12.94	24.57	45.04	-14.21	-13.15	-10.74	-1.50	12.55
MRBLD1FB180_SIN		0.00	-341.07	-129.94	184.38	14.91	-20.29	-23.97	-48.66	7.21	17.98	56.35	-3.45	-7.55	-8.10	-18.91	-1.51
MRBLD1TOR51_COS		-1495.77	49.35	149.65	141.99	-61.92	-9.39	12.15	-18.31	2.42	0.19	0.23	-0.43	-3.33	-3.29	4.18	3.44
MRBLD1TOR51_SIN		0.00	-130.72	-179.66	196.81	41.92	-0.75	-15.55	-28.91	7.64	5.99	7.15	-1.28	-2.32	-4.57	-6.02	2.29
MRBLD1TOR71_COS		-318.44	81.85	103.04	137.44	-44.70	1.33	19.03	-9.00	2.88	3.52	1.26	-2.46	-0.93	-1.87	1.85	2.79
MRBLD1TOR71_SIN		0.00	-136.50	-180.08	139.04	16.01	1.78	-12.00	-16.46	8.93	6.11	12.94	-2.48	-1.83	-2.85	-2.99	1.48
MRBLD1TOR130_COS		-58.60	53.16	93.44	136.87	-35.54	4.96	18.31	-8.55	4.14	2.51	2.50	-0.22	1.57	0.25	-3.74	-1.75
MRBLD1TOR130_SIN		0.00	-105.17	-227.39	103.56	12.86	-5.11	-5.39	-17.52	3.23	0.58	-4.31	0.66	3.01	2.71	3.26	-0.30
MRBLD1TOR164_COS		-278.33	8.37	64.19	92.19	-11.53	-6.89	5.83	-4.86	0.19	5.42	0.99	-3.16	1.28	1.46	-1.62	-1.71
MRBLD1TOR164_SIN		0.00	-36.91	-173.96	5.34	12.08	-3.78	-1.61	-1.73	0.94	-0.32	5.42	-3.21	-0.66	0.46	0.96	-0.20
MRFBM1CB26P5_COS		-1006.10	-1454.15	294.40	52.34	-64.65	-6.24	2.51	0.45	-0.35	-3.75	2.21	1.12	-1.33	-0.47	2.10	-1.28
MRFBM1CB26P5_SIN		0.00	1057.96	97.98	-27.39	-85.84	-36.36	-39.60	-12.29	-2.09	-3.16	-20.28	1.22	-0.49	-0.77	-0.60	-0.21
MRFBM1FB9_COS		592.78	159.20	-258.74	-1.90	13.28	21.48	13.76	4.85	1.03	1.93	-1.14	0.22	0.83	0.15	-1.00	0.65
MRFBM1FB9_SIN		0.00	-453.96	-46.22	-227.19	-36.64	0.01	7.14	12.50	1.90	1.34	4.80	-0.39	0.12	0.23	-0.02	-1.32
MRFBM1TOR26P5_COS		-103.55	68.06	4.85	0.26	-2.72	0.02	0.23	-0.09	0.03	-0.11	0.02	0.20	-0.10	-0.02	0.11	0.05
MRFBM1TOR26P5_SIN		0.00	-273.10	-0.81	1.52	-0.46	0.39	-1.24	-0.30	0.12	0.17	0.15	0.09	-0.05	-0.05	-0.09	-0.04

RUN	POINT	Harmonics															
55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		428.36	-1411.03	486.89	16.15	-98.70	-97.93	-76.82	-36.36	19.32	-14.16	-27.21	20.05	-1.54	-2.76	12.03	-1.09
MRPC1CB33P25_SIN		0.00	1899.17	-32.22	133.51	143.86	-104.68	-35.96	-34.58	-9.37	6.31	-69.37	1.19	10.45	1.35	-5.68	19.14
MRPC1FB33P25_COS		1740.80	397.90	41.82	209.67	56.95	-97.50	-46.94	-125.53	-24.92	-43.33	-0.63	15.31	-9.51	2.80	34.18	7.43
MRPC1FB33P25_SIN		0.00	-206.53	137.44	675.56	211.13	54.13	-1.50	-190.49	-55.08	-56.21	-149.11	10.71	7.01	-6.67	-15.50	40.07
MRPC1TOR25P5_COS		-359.45	6.76	-180.42	-132.68	61.86	13.21	-12.73	14.21	-1.73	5.61	3.36	1.99	6.80	5.05	-5.55	-4.24
MRPC1TOR25P5_SIN		0.00	-120.06	195.44	-195.43	-25.65	-6.55	21.86	26.78	-12.23	-12.39	-17.49	2.01	6.80	7.48	10.65	2.69
MRPLK1LOAD_COS		-5.16	-4.10	-23.26	-19.19	7.66	2.85	-3.20	2.70	0.51	1.25	0.58	-0.74	1.21	0.99	-1.57	-0.95
MRPLK1LOAD_SIN		0.00	-9.68	24.73	-30.51	-3.26	-1.19	3.61	4.13	-1.58	-1.60	-1.87	-0.72	0.87	1.19	1.73	0.56
PITCHRH_COS		5199.60	-9105.68	-530.94	46.04	-0.10	650.23	-43.09	-86.45	0.17	33.20	50.73	54.64	-6.42	28.00	31.62	-93.16
PITCHRH_SIN		0.00	852.01	-1231.87	51.55	121.75	-1413.94	-132.55	72.46	-1.10	-29.14	-314.06	95.21	-24.66	25.26	20.12	100.27
ROLLRH_COS		11264.70	-826.90	1274.69	-109.53	-24.57	-927.70	109.60	2.36	119.12	147.34	266.94	-2.05	-22.42	-45.92	67.81	214.34
ROLLRH_SIN		0.00	-9249.76	-553.89	45.36	508.62	1856.96	-151.40	-122.43	-152.79	-29.78	-118.15	42.04	-43.72	61.20	35.24	281.96
TORQ_COS		106194.16	616.71	-41.96	71.22	101.96	38.89	4.68	1.30	-0.28	3.56	9.90	-3.88	1.36	1.51	-4.58	-1.07
TORQ_SIN		0.00	1247.51	-95.39	15.56	-137.07	279.98	5.70	36.29	-3.22	-2.80	72.85	2.45	-5.49	6.97	-1.87	-1.26
THRUST_COS		5678.76	-246.12	0.03	12.59	0.80	24.26	-1.69	8.75	0.53	-0.83	19.43	-6.54	5.10	1.77	-0.14	-11.16
THRUST_SIN		0.00	-252.04	-35.69	-6.41	38.27	-41.26	8.29	12.84	0.46	2.21	74.61	4.34	-3.57	-4.52	6.77	-22.17

RUN	POINT	Harmonics															
55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-88.19	36.65	-35.86	0.04	-30.51	-113.84	-5.15	0.58	-3.08	-6.47	-10.92	0.57	0.07	1.29	-2.10	-6.60
SIDERH_SIN		0.00	212.88	10.74	-3.89	-59.11	-202.08	5.44	-0.02	4.44	1.55	-2.35	-0.50	1.16	-1.62	-1.29	-8.10
DRAGRH_COS		-140.78	213.91	21.67	6.09	17.98	427.02	6.51	-4.19	0.07	-5.79	-12.63	-2.96	-0.94	-1.40	-1.85	4.24
DRAGRH_SIN		0.00	-29.20	7.87	-0.90	8.78	339.46	30.49	1.73	-3.04	5.76	13.61	-4.13	1.28	-1.47	-0.24	-4.97

RUN	POINT	Harmonics															
55	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.03	-0.95	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.99	-0.29	0.00	0.00	0.00	0.03	-0.03	0.01	-0.02	-0.01	0.00	-0.02	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.04	-0.10	-16.12	-3.27	3.57	-2.10	-1.31	0.36	0.75	-0.24	0.57	0.53	-0.41	0.20	-0.03	0.06
ACT1FORCE_SIN		0.00	20.51	6.26	-12.21	-1.45	2.66	-1.05	0.42	-0.51	0.25	-0.56	0.04	-0.21	-0.75	0.34	0.16
FA1IBCURRENT_COS		-0.01	-0.01	0.04	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		386.10	-22.05	140.92	-177.88	-24.89	18.51	6.32	-0.02	0.25	-0.05	0.02	0.10	0.00	0.04	0.00	0.02
FA1IBVOLTAGE_SIN		0.00	-108.10	132.77	77.15	28.42	-16.10	5.87	-0.26	0.25	0.07	0.08	0.04	-0.07	0.00	-0.03	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.04	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.07	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		419.78	22.27	-141.69	178.08	25.62	-18.95	-6.64	0.01	-0.12	-0.03	-0.02	-0.06	0.00	-0.06	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	108.71	-132.89	-77.92	-28.39	16.69	-6.11	0.06	-0.10	-0.03	-0.12	-0.03	0.10	0.00	0.02	-0.02
MRBLD1CB42P75_COS		-788.58	-1973.56	679.30	-158.43	-362.41	-26.51	-38.21	-43.45	2.94	12.74	-27.46	43.93	2.22	-8.04	20.53	-6.82
MRBLD1CB42P75_SIN		0.00	2067.37	47.85	99.84	360.56	-222.66	-23.17	-40.28	-12.50	34.90	-87.14	42.92	12.82	8.10	-7.73	21.73

RUN	POINT	Harmonics															
55	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4574.83	-1520.31	522.85	-333.54	-478.99	-9.40	7.31	-48.91	-1.32	21.26	-36.30	33.01	6.14	2.11	16.97	0.88
MRBLD1CB70_SIN		0.00	1503.13	17.65	39.34	687.15	-142.86	156.12	1.23	-7.36	32.24	-19.82	27.00	7.37	4.89	-11.42	32.61
MRBLD1CB120_COS		-210.94	-878.79	400.17	-252.14	-302.43	-7.02	9.37	-48.48	26.38	-10.28	10.02	-22.82	1.43	5.54	3.95	-1.84
MRBLD1CB120_SIN		0.00	947.61	-19.65	58.11	735.91	10.90	315.31	-24.89	-33.10	-33.96	40.00	-14.35	1.55	-2.23	0.23	3.95
MRBLD1CB164_COS		-1996.75	-281.24	85.30	-126.04	-76.36	-33.99	-21.11	-0.26	13.43	-19.98	29.89	-21.81	-4.12	-4.52	-12.89	0.13
MRBLD1CB164_SIN		0.00	319.38	36.42	31.75	296.59	60.01	164.13	-9.69	-25.35	-45.14	11.47	-9.00	2.32	-0.53	8.06	-21.18
MRBLD1FB42P75_COS		2479.11	446.65	151.07	183.22	368.88	-91.68	-49.65	-282.52	-28.80	-78.03	-76.50	23.55	0.72	-4.08	15.63	32.49
MRBLD1FB42P75_SIN		0.00	-439.58	122.13	834.23	146.51	62.12	33.15	-161.53	-69.64	-20.50	-160.61	17.24	13.44	-3.37	-59.78	27.51
MRBLD1FB70_COS		612.37	99.75	40.32	-1.57	90.92	-22.23	-9.39	-34.66	3.99	3.50	-0.39	2.40	1.54	1.44	-2.47	-5.07
MRBLD1FB70_SIN		0.00	-243.24	84.38	206.90	63.86	-2.22	8.64	-20.87	-1.61	7.42	4.82	0.61	0.77	1.38	11.60	-5.68
MRBLD1FB87_COS		67.88	118.46	-35.73	-36.54	45.34	-16.32	-7.56	24.31	6.05	14.60	18.95	-6.88	0.31	1.04	-3.35	-7.52
MRBLD1FB87_SIN		0.00	-295.30	79.83	97.58	14.15	8.52	-1.69	14.33	8.86	5.33	37.78	-2.64	-0.87	2.66	15.21	-3.23
MRBLD1FB120_COS		-293.38	154.01	-136.14	-99.21	5.15	-13.88	-22.86	45.80	-13.75	-12.11	-9.77	-2.46	-3.82	-2.28	5.10	11.21
MRBLD1FB120_SIN		0.00	-404.95	104.29	151.69	-24.06	48.30	-7.19	32.80	8.08	-12.58	-18.48	-2.16	-5.40	-7.13	-23.41	3.79
MRBLD1FB164_COS		76.56	71.62	-24.50	86.88	-150.23	42.36	53.00	-53.40	13.40	15.79	13.06	-4.36	1.45	1.15	-6.35	-8.88
MRBLD1FB164_SIN		0.00	-490.55	-79.90	366.32	58.93	-21.24	-20.21	-53.50	-3.82	16.05	31.10	-2.40	-2.08	2.61	13.03	-3.82

RUN	POINT	Harmonics															
55	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		5.04	-63.05	21.82	109.48	-94.37	41.98	34.64	-48.93	15.48	17.73	33.79	-22.86	-15.29	-7.90	6.20	14.70
MRBLD1FB180_SIN		0.00	-341.07	-92.26	209.93	43.68	-18.42	-8.55	-55.55	11.09	21.10	69.81	-13.99	-13.07	-13.42	-29.39	4.19
MRBLD1TOR51_COS		-1492.11	99.14	173.94	163.74	-132.27	35.67	-3.00	-30.43	-2.02	-0.31	-1.58	1.49	-4.13	1.13	8.99	2.06
MRBLD1TOR51_SIN		0.00	-132.83	-92.57	276.25	50.71	-10.46	-16.44	-19.55	-3.00	0.96	8.89	-4.57	-4.38	-8.57	-3.68	6.38
MRBLD1TOR71_COS		-316.85	127.75	123.48	169.98	-113.08	40.02	3.81	-19.36	-1.75	1.71	-1.79	0.28	-2.37	0.76	5.39	1.73
MRBLD1TOR71_SIN		0.00	-135.36	-99.13	214.50	24.58	-4.98	-14.27	-4.80	0.37	0.78	15.37	-6.13	-4.23	-5.98	-1.71	3.84
MRBLD1TOR130_COS		-57.24	99.57	116.32	183.26	-108.34	34.21	6.65	-18.65	3.74	0.48	3.79	2.99	0.17	-2.60	-3.96	-1.31
MRBLD1TOR130_SIN		0.00	-105.98	-145.02	177.43	26.34	-13.56	-5.91	-10.40	-3.67	-3.32	-3.72	3.16	1.83	2.70	0.80	-2.63
MRBLD1TOR164_COS		-278.28	39.98	79.40	133.77	-40.00	10.48	-1.01	-9.20	-0.99	5.01	0.36	-1.65	2.14	-1.19	-1.02	-1.18
MRBLD1TOR164_SIN		0.00	-39.78	-110.06	55.66	27.13	-10.92	-1.58	0.36	-0.54	-3.45	6.67	-2.26	-2.15	2.06	-2.37	-2.51
MRFBM1CB26P5_COS		-934.20	-1336.79	313.35	57.97	-73.05	12.57	-2.11	3.91	1.79	-3.15	6.73	0.75	-1.37	-1.17	3.33	-1.49
MRFBM1CB26P5_SIN		0.00	979.46	121.87	-18.57	-121.83	-44.28	-51.17	-16.65	-2.74	-1.91	-21.84	1.72	-0.04	-0.98	-0.37	-1.44
MRFBM1FB9_COS		615.51	62.14	-273.24	57.93	-11.37	19.53	17.18	6.29	-0.91	1.36	-2.48	0.29	0.77	0.08	-1.95	1.20
MRFBM1FB9_SIN		0.00	-379.15	-40.67	-226.39	-39.51	3.84	6.57	16.34	2.93	1.19	5.02	-1.31	0.10	0.28	-0.19	-1.29
MRFBM1TOR26P5_COS		-101.34	76.91	4.84	0.23	-4.79	0.89	0.24	0.13	-0.09	-0.01	0.00	-0.02	-0.06	0.08	0.07	0.06
MRFBM1TOR26P5_SIN		0.00	-269.98	-0.07	2.07	-0.97	0.13	-1.48	-0.14	0.21	0.33	0.17	-0.01	0.05	-0.09	0.02	0.05

RUN	POINT	Harmonics															
55	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		464.68	-1331.85	540.95	-14.09	-116.64	-55.72	-82.29	-40.82	16.23	-1.64	-15.87	32.75	4.24	-5.96	20.59	-7.52
MRPC1CB33P25_SIN		0.00	1746.87	-20.36	117.01	152.90	-158.17	-36.45	-46.53	-29.50	-0.97	-80.83	24.09	8.56	4.51	-8.34	19.60
MRPC1FB33P25_COS		1745.88	371.34	35.55	23.17	274.21	-91.59	-47.55	-158.48	14.33	-40.95	41.06	9.84	-5.90	0.21	59.23	-6.77
MRPC1FB33P25_SIN		0.00	-168.84	109.21	710.58	220.62	20.36	13.83	-251.02	-78.10	-58.77	-162.23	29.34	8.84	-4.65	-22.37	46.68
MRPC1TOR25P5_COS		-356.68	-34.68	-206.75	-162.51	142.11	-36.03	3.03	24.48	4.49	6.67	7.99	3.09	5.86	-3.53	-8.65	-5.08
MRPC1TOR25P5_SIN		0.00	-116.51	101.24	-281.57	-29.77	3.70	24.03	12.71	-3.07	-8.32	-18.22	11.36	7.01	12.78	4.57	-4.81
MRPLK1LOAD_COS		-4.83	-9.32	-26.70	-22.61	18.72	-4.21	-1.52	3.70	1.54	1.04	0.95	0.48	1.07	-0.66	-1.82	-1.20
MRPLK1LOAD_SIN		0.00	-9.00	12.59	-42.28	-3.46	0.82	3.77	2.20	-0.58	-1.72	-1.81	0.81	0.37	2.09	0.42	-0.94
PITCHRH_COS		6767.80	-9124.18	-422.31	68.28	39.60	1995.87	306.52	-119.57	224.50	1.59	-41.50	102.81	-34.64	79.84	82.81	-117.97
PITCHRH_SIN		0.00	635.38	-1235.60	25.09	175.21	-3498.14	-124.40	46.58	-70.92	8.31	-174.64	133.10	-49.55	-89.98	-2.56	72.89
ROLLRH_COS		9729.63	-670.15	1154.48	-99.47	8.28	-305.05	135.17	-57.22	61.90	110.83	344.81	-38.29	-30.36	-138.58	-67.11	255.41
ROLLRH_SIN		0.00	-9204.83	-517.31	105.33	549.94	3369.78	-114.82	-89.70	-67.06	-116.62	35.99	108.15	-71.94	-66.62	83.51	339.26
TORQ_COS		107787.73	594.26	-38.67	103.17	161.62	-125.91	2.48	-42.32	7.56	4.29	-4.86	-6.36	1.38	-1.23	-5.86	-4.95
TORQ_SIN		0.00	1274.55	-96.69	13.34	-118.63	399.22	0.71	57.26	5.83	-1.80	76.92	3.71	-5.07	6.57	-3.46	0.39
THRUST_COS		5727.45	-243.46	2.30	18.86	-6.67	-8.11	-0.24	0.78	-4.10	-0.68	25.56	10.70	1.07	2.32	-2.05	-5.20
THRUST_SIN		0.00	-267.41	-31.30	-10.17	36.56	5.14	6.36	23.47	0.87	0.30	81.45	4.86	-6.13	-1.33	8.88	-25.84

RUN	POINT	Harmonics															
55	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-99.85	35.60	-24.67	-2.80	-54.04	-229.48	-3.51	2.05	-1.59	-5.06	-15.99	2.46	-0.38	4.07	2.08	-8.55
SIDERH_SIN		0.00	214.92	9.40	-10.60	-49.70	-295.54	-2.82	-0.79	2.91	4.53	-8.49	-2.55	1.15	1.77	-2.58	-9.71
DRAGRH_COS		-127.27	213.51	20.75	4.44	22.70	569.56	-15.35	-0.71	0.78	-2.04	-16.00	-4.66	-0.21	-2.19	-3.33	6.53
DRAGRH_SIN		0.00	-28.61	15.73	-2.33	12.44	536.11	28.76	9.13	3.92	2.36	9.96	-5.36	3.85	4.53	2.06	-3.94

RUN	POINT	Harmonics															
55	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.53	-0.95	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.02	0.00	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.84	-0.28	0.00	0.00	-0.01	0.02	-0.04	0.02	-0.02	0.00	0.00	-0.02	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.73	-0.04	-13.26	-3.83	3.89	-1.57	-1.17	0.24	0.26	-0.29	0.13	0.65	0.16	-0.17	0.25	0.15
ACT1FORCE_SIN		0.00	20.41	7.94	-10.96	-1.59	2.19	-0.94	0.14	-1.04	0.49	-0.37	0.33	0.17	-0.69	0.19	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		389.76	-11.24	208.74	-171.52	-30.65	14.12	6.51	-0.05	0.31	-0.02	-0.04	0.05	0.04	0.04	-0.03	0.03
FA1IBVOLTAGE_SIN		0.00	-104.47	73.53	70.54	31.82	-8.25	7.49	-0.32	0.10	0.04	0.08	0.04	0.09	-0.09	0.01	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.03	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	-0.06	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		416.14	11.48	-209.71	171.54	31.44	-14.35	-6.80	0.02	-0.19	-0.06	0.02	-0.02	-0.03	-0.06	0.03	-0.02
FA1OBVOLTAGE_SIN		0.00	105.13	-73.26	-71.52	-32.07	9.08	-7.71	0.09	0.04	0.04	-0.13	-0.04	-0.08	0.08	-0.03	-0.05
MRBLD1CB42P75_COS		-805.58	-1673.29	683.66	-136.09	-345.95	-47.08	-62.63	-52.63	-4.66	21.69	-50.15	55.55	-0.22	-4.00	10.34	-2.20
MRBLD1CB42P75_SIN		0.00	2191.74	-5.85	94.74	437.55	-182.69	-29.56	-20.04	-18.01	33.27	-76.58	20.46	9.66	11.40	-13.48	23.85

RUN	POINT	Harmonics															
55	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4549.28	-1322.42	533.07	-322.17	-440.16	-5.97	-15.51	-46.75	-8.61	28.20	-44.18	40.89	2.81	3.74	8.39	8.79
MRBLD1CB70_SIN		0.00	1599.76	-26.26	71.02	803.09	-88.98	158.55	18.27	-9.46	29.72	-20.32	10.80	3.78	5.31	-14.80	32.64
MRBLD1CB120_COS		-218.74	-794.37	402.45	-231.70	-245.57	15.07	3.23	-37.87	13.73	-20.32	21.55	-28.92	2.71	2.58	3.85	-0.81
MRBLD1CB120_SIN		0.00	992.38	-48.10	98.69	835.57	58.08	331.66	-8.08	-38.46	-34.01	36.06	-3.59	1.88	-2.36	0.30	3.60
MRBLD1CB164_COS		-2000.49	-259.83	98.86	-113.16	-50.97	-19.02	-15.41	7.64	7.31	-30.68	33.44	-27.65	-1.04	-5.17	-8.80	-5.69
MRBLD1CB164_SIN		0.00	334.85	29.15	63.28	328.44	81.23	178.59	-8.87	-28.10	-43.11	13.55	0.85	5.64	1.03	11.36	-21.07
MRBLD1FB42P75_COS		2508.22	376.12	107.51	323.52	432.28	-116.83	-57.02	-276.05	-55.93	-79.20	-94.83	24.89	-0.17	-2.46	-6.71	37.05
MRBLD1FB42P75_SIN		0.00	-448.65	129.78	844.35	138.78	58.17	22.27	-90.37	-74.21	-14.92	-126.23	7.81	14.18	-3.74	-50.82	18.69
MRBLD1FB70_COS		620.35	96.37	29.40	41.58	109.76	-28.29	-13.09	-33.42	0.75	4.27	-0.11	1.83	1.68	1.44	2.23	-6.43
MRBLD1FB70_SIN		0.00	-238.21	87.16	219.05	67.33	-0.67	7.56	-9.36	-2.50	6.26	5.10	0.20	0.12	1.21	9.99	-4.41
MRBLD1FB87_COS		71.99	113.48	-36.53	-13.40	51.33	-16.52	-6.83	24.44	10.09	15.15	24.02	-6.85	1.45	1.17	2.28	-7.44
MRBLD1FB87_SIN		0.00	-295.06	85.15	111.60	12.83	7.97	-1.43	7.73	8.91	3.95	29.80	0.35	-1.45	2.63	13.08	-1.21
MRBLD1FB120_COS		-293.89	147.54	-128.71	-75.34	-5.05	-8.24	-18.16	42.84	-7.48	-13.80	-12.33	-2.74	-6.50	-3.21	-3.55	10.85
MRBLD1FB120_SIN		0.00	-409.77	113.52	182.79	-26.97	47.13	-1.82	16.63	10.31	-9.96	-16.11	-3.19	-3.86	-7.38	-20.54	1.00
MRBLD1FB164_COS		81.22	75.69	-81.66	120.03	-163.18	49.34	50.66	-52.24	5.13	17.96	18.53	-5.83	2.61	1.05	-1.64	-8.68
MRBLD1FB164_SIN		0.00	-486.38	-51.31	363.74	69.28	-21.53	-25.20	-30.09	-6.85	11.16	26.94	0.26	-3.33	2.72	11.59	-1.29

RUN	POINT	Harmonics															
55	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		11.46	-59.26	-34.01	125.23	-97.89	44.64	27.25	-44.74	13.30	19.77	43.42	-24.97	-15.04	-11.28	-4.93	14.67
MRBLD1FB180_SIN		0.00	-335.39	-68.97	194.88	52.17	-16.99	-16.00	-37.81	10.06	18.28	54.92	-7.60	-11.08	-11.16	-26.70	1.16
MRBLD1TOR51_COS		-1479.90	110.04	88.67	190.28	-115.17	33.86	-10.16	-27.59	-6.54	0.50	0.37	0.71	-2.42	-1.95	6.66	3.82
MRBLD1TOR51_SIN		0.00	-97.04	-88.85	230.72	68.46	-9.66	-20.95	-8.84	-3.97	1.26	8.95	-5.14	-3.33	-7.64	-6.37	4.87
MRBLD1TOR71_COS		-305.21	133.81	44.04	189.07	-99.84	39.37	-1.16	-15.12	-4.92	1.55	1.65	-1.54	-0.73	-1.53	3.96	2.61
MRBLD1TOR71_SIN		0.00	-103.55	-93.96	170.01	36.48	-5.54	-17.87	1.89	0.43	0.88	15.52	-6.18	-3.55	-5.09	-3.73	2.73
MRBLD1TOR130_COS		-46.69	106.62	37.57	193.31	-97.22	33.78	4.19	-15.24	0.46	-0.52	2.88	2.31	0.86	-1.47	-3.83	-2.46
MRBLD1TOR130_SIN		0.00	-72.94	-138.16	131.53	33.80	-13.17	-8.37	-3.79	-4.45	-3.51	-1.70	1.37	1.14	3.64	1.69	-1.77
MRBLD1TOR164_COS		-272.35	45.20	28.81	133.26	-30.01	8.12	-1.38	-6.22	-1.14	3.38	2.17	-2.93	0.48	0.51	-2.19	-2.15
MRBLD1TOR164_SIN		0.00	-14.80	-106.86	22.91	30.17	-11.09	-3.27	2.69	0.86	-4.35	6.37	-2.46	-3.28	1.95	-1.80	-1.46
MRFBM1CB26P5_COS		-951.15	-1166.87	310.72	58.91	-89.47	2.50	-3.11	0.10	1.44	-2.69	2.43	0.91	-1.03	-1.19	2.42	-2.00
MRFBM1CB26P5_SIN		0.00	1083.20	104.79	-46.97	-120.44	-43.77	-56.16	-16.75	-3.99	-1.39	-18.83	1.71	0.46	-0.71	-1.31	-1.21
MRFBM1FB9_COS		649.41	-82.27	-241.10	25.36	-19.02	20.77	19.20	8.52	-0.26	1.25	-0.92	-0.42	0.83	0.02	-1.53	0.83
MRFBM1FB9_SIN		0.00	-378.58	-34.08	-243.47	-44.32	4.26	7.34	13.18	4.09	0.85	5.38	-1.09	0.01	0.25	0.53	-1.50
MRFBM1TOR26P5_COS		-101.68	75.90	3.88	0.45	-4.63	0.80	-0.12	0.01	-0.07	0.11	0.01	0.04	-0.05	0.04	0.09	0.08
MRFBM1TOR26P5_SIN		0.00	-270.09	0.08	1.65	-0.26	0.04	-1.63	-0.15	0.18	0.32	0.05	0.04	0.07	-0.11	0.01	0.02

RUN	POINT	Harmonics															
55	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		462.25	-1089.18	544.47	10.03	-106.67	-74.96	-96.44	-47.73	5.63	-0.91	-31.95	37.97	2.20	-3.01	11.66	-3.16
MRPC1CB33P25_SIN		0.00	1812.77	-67.00	96.86	182.11	-133.88	-33.56	-28.48	-36.28	-2.09	-67.94	9.04	5.59	7.72	-12.83	21.36
MRPC1FB33P25_COS		1768.74	313.31	2.98	137.48	327.51	-111.13	-49.89	-182.82	-5.90	-44.29	7.67	17.45	-7.29	1.55	38.10	3.74
MRPC1FB33P25_SIN		0.00	-178.61	109.22	743.10	230.20	11.26	2.67	-193.30	-94.65	-55.69	-148.76	23.07	8.70	-3.61	-35.95	46.10
MRPC1TOR25P5_COS		-371.05	-41.67	-116.08	-187.20	125.58	-34.46	11.37	20.71	8.22	4.29	3.89	3.67	3.93	1.36	-7.53	-6.53
MRPC1TOR25P5_SIN		0.00	-152.33	96.07	-230.47	-46.79	3.19	28.87	3.71	-2.81	-9.00	-16.02	9.44	5.01	12.22	6.49	-1.33
MRPLK1LOAD_COS		-6.51	-10.07	-14.80	-26.24	16.29	-3.80	-0.09	3.44	2.05	0.44	0.52	0.24	0.75	0.16	-1.73	-1.52
MRPLK1LOAD_SIN		0.00	-13.33	11.67	-35.33	-5.96	0.70	4.64	0.86	-0.57	-1.84	-1.20	0.36	0.00	2.11	0.68	-0.23
PITCHRH_COS		9230.27	-9159.33	-559.05	134.63	52.50	1624.05	238.40	-96.00	117.56	32.87	1.98	176.48	-55.23	7.12	63.47	-134.16
PITCHRH_SIN		0.00	652.31	-1152.91	52.82	162.77	-4051.53	-216.97	85.09	-183.28	-11.65	-217.90	112.72	2.29	-143.49	-26.83	139.44
ROLLRH_COS		9797.22	-690.34	1101.51	-108.36	114.88	-208.95	197.24	-122.14	74.46	80.06	354.17	10.61	-8.73	-174.63	-54.52	262.92
ROLLRH_SIN		0.00	-9218.42	-658.04	61.61	538.52	3567.07	-105.88	-36.67	-120.15	-123.49	-52.96	155.08	-77.17	-28.41	116.81	185.18
TORQ_COS		107471.02	627.28	-54.23	72.84	161.69	-75.57	3.39	-14.31	5.25	5.05	6.96	-2.79	-1.44	-0.28	-3.83	-3.00
TORQ_SIN		0.00	1243.12	-76.72	45.83	-152.52	348.70	5.59	63.25	9.59	-2.21	60.17	4.46	-3.28	6.66	-1.55	1.36
THRUST_COS		5819.68	-248.26	-2.11	20.21	-1.20	-2.23	-1.94	9.21	-4.59	0.11	35.80	6.26	-5.53	0.44	1.02	-9.48
THRUST_SIN		0.00	-261.50	-30.78	-3.49	35.02	12.86	3.09	16.44	4.60	-0.74	66.69	-4.68	-6.57	-2.05	8.31	-22.35

RUN	POINT	Harmonics															
55	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-102.80	34.77	-25.63	-1.82	-55.31	-260.24	-8.69	3.49	-1.00	-4.81	-17.52	2.33	-1.15	5.00	1.72	-8.44
SIDERH_SIN		0.00	214.56	15.38	-1.84	-44.04	-292.20	-7.68	-1.29	3.24	5.89	-4.32	-3.48	1.81	0.72	-3.67	-4.76
DRAGRH_COS		-104.36	214.96	18.90	1.58	22.14	681.85	-25.63	3.12	7.57	-3.04	-18.10	-6.96	0.40	0.68	-2.26	7.25
DRAGRH_SIN		0.00	-28.24	10.53	-1.84	6.74	530.98	39.97	7.87	4.37	3.11	14.25	-6.36	2.72	6.06	3.25	-6.89

RUN	POINT	Harmonics															
55	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.85	-0.94	0.00	0.00	0.00	0.03	-0.04	0.00	0.01	0.02	0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.47	-0.31	0.00	0.00	0.00	0.02	-0.05	0.02	0.00	0.01	0.00	-0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.09	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.05	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.93	-0.24	-10.87	-3.13	3.59	-0.49	-0.65	0.80	-0.35	0.00	-0.07	0.50	0.13	-0.57	0.32	0.00
ACT1FORCE_SIN		0.00	20.68	7.57	-10.49	-1.51	1.93	-0.58	0.32	-1.34	0.56	-0.05	0.44	0.36	-0.17	0.48	0.11
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.75	3.14	242.29	-175.97	-32.00	2.51	-1.80	-0.19	0.32	-0.08	-0.09	0.05	-0.01	-0.02	-0.05	-0.01
FA1IBVOLTAGE_SIN		0.00	-113.69	-2.30	58.67	28.24	-6.34	9.29	-0.16	0.00	-0.03	0.01	0.09	0.08	-0.01	0.05	-0.04
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.06	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		410.13	-3.01	-243.19	176.02	32.70	-2.53	1.64	0.11	-0.20	0.01	0.03	-0.01	0.03	0.00	0.05	0.01
FA1OBVOLTAGE_SIN		0.00	114.33	2.60	-59.33	-28.61	7.22	-9.54	-0.05	0.09	0.06	-0.03	-0.09	-0.09	0.03	-0.06	0.04
MRBLD1CB42P75_COS		-818.81	-1496.23	703.08	-131.69	-322.70	-50.77	-64.96	-49.39	7.92	15.77	-37.18	47.25	1.96	-5.34	13.57	-2.54
MRBLD1CB42P75_SIN		0.00	2171.68	-23.50	110.58	435.39	-193.79	-26.75	-34.59	-10.79	32.82	-67.52	7.09	7.79	9.26	-12.14	27.62

RUN	POINT	Harmonics															
55	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4542.87	-1207.32	562.19	-325.16	-371.99	-10.58	-25.33	-35.73	4.20	20.59	-30.91	33.83	5.38	2.00	9.99	9.30
MRBLD1CB70_SIN		0.00	1605.86	-59.67	110.73	780.50	-151.37	150.75	9.38	-1.08	26.12	-13.03	0.47	1.42	2.28	-15.84	37.45
MRBLD1CB120_COS		-220.49	-753.40	432.32	-231.19	-187.37	10.88	3.09	-20.94	10.10	-11.14	13.09	-24.87	2.40	4.11	5.58	-1.72
MRBLD1CB120_SIN		0.00	1020.83	-70.27	136.94	817.79	-33.84	304.09	-9.30	-42.58	-38.66	34.14	1.71	2.00	-1.36	-0.04	4.58
MRBLD1CB164_COS		-2005.30	-252.55	119.04	-105.09	-35.71	-16.60	-15.83	13.94	-0.59	-20.42	21.44	-22.26	-2.04	-3.61	-9.84	-5.16
MRBLD1CB164_SIN		0.00	351.27	10.91	83.25	319.54	33.89	165.49	-1.55	-36.15	-44.93	8.99	8.91	6.35	3.28	12.64	-25.32
MRBLD1FB42P75_COS		2517.94	342.24	72.10	437.21	325.24	-127.60	-54.38	-284.47	-76.60	-69.76	-92.93	21.91	2.91	2.08	1.48	44.87
MRBLD1FB42P75_SIN		0.00	-440.82	178.31	872.59	222.53	78.75	-5.12	-135.40	-83.52	-31.53	-116.97	-1.27	10.28	-8.08	-58.79	26.89
MRBLD1FB70_COS		615.18	104.90	20.56	80.63	80.32	-30.48	-12.19	-35.03	-0.88	3.94	0.55	1.29	0.87	0.43	0.48	-7.79
MRBLD1FB70_SIN		0.00	-249.39	101.36	233.20	87.89	0.39	2.97	-16.46	-2.66	5.91	5.34	1.17	0.70	1.52	11.36	-5.90
MRBLD1FB87_COS		65.62	118.69	-41.34	10.79	35.35	-15.97	-6.47	24.57	12.50	13.80	23.46	-4.84	0.84	0.58	0.63	-9.22
MRBLD1FB87_SIN		0.00	-307.85	91.06	122.18	20.14	6.04	-0.44	11.28	9.49	6.03	27.05	2.43	-0.38	3.61	14.78	-2.73
MRBLD1FB120_COS		-300.09	153.24	-137.48	-42.75	-10.65	-4.36	-20.93	44.66	-4.89	-14.19	-12.88	-3.29	-5.68	-2.47	-0.89	13.05
MRBLD1FB120_SIN		0.00	-426.58	111.55	197.46	-28.79	43.09	5.98	27.82	11.23	-8.00	-15.93	-4.93	-5.22	-8.45	-23.29	3.46
MRBLD1FB164_COS		82.83	102.83	-135.76	131.87	-124.83	44.88	52.07	-55.12	1.67	19.18	19.41	-3.63	1.81	1.01	-2.53	-9.39
MRBLD1FB164_SIN		0.00	-496.88	5.60	359.37	51.46	-25.39	-32.14	-44.95	-10.65	9.90	25.49	2.40	-2.80	3.10	12.51	-2.59

RUN	POINT	Harmonics															
55	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		13.27	-39.39	-75.19	121.56	-70.63	37.95	30.45	-48.66	14.57	19.51	43.51	-19.95	-15.06	-9.38	-1.47	17.16
MRBLD1FB180_SIN		0.00	-340.66	-18.17	188.62	42.38	-17.92	-24.54	-51.32	6.41	20.93	49.62	-4.29	-12.37	-12.86	-29.44	3.71
MRBLD1TOR51_COS		-1474.93	138.38	25.45	182.07	-106.61	25.25	4.96	-22.98	-10.35	3.41	1.70	0.56	-0.90	-0.97	7.69	2.72
MRBLD1TOR51_SIN		0.00	-74.13	-35.98	202.81	76.72	-7.72	-29.38	-28.04	-3.90	2.63	10.14	-3.93	-3.17	-6.60	-6.04	5.83
MRBLD1TOR71_COS		-302.55	158.29	-14.84	177.57	-89.02	32.21	12.71	-11.26	-8.49	3.57	2.98	-2.24	-0.18	-1.28	4.82	1.24
MRBLD1TOR71_SIN		0.00	-82.72	-44.25	140.72	41.64	-2.68	-24.08	-13.86	1.52	3.25	15.70	-4.53	-3.08	-3.55	-2.79	3.41
MRBLD1TOR130_COS		-43.11	131.01	-18.93	175.01	-82.13	27.81	15.34	-11.93	-2.65	1.26	4.09	0.90	-0.14	-2.24	-3.61	-2.60
MRBLD1TOR130_SIN		0.00	-50.57	-88.59	100.72	34.80	-10.26	-12.64	-16.94	-3.85	-1.60	-1.35	1.03	1.57	4.39	2.38	-2.13
MRBLD1TOR164_COS		-269.74	60.47	-5.30	116.64	-27.67	5.49	4.62	-4.94	-1.93	2.51	3.92	-3.02	-0.51	0.23	-1.25	-1.36
MRBLD1TOR164_SIN		0.00	3.56	-76.34	1.50	30.58	-8.73	-4.97	-3.02	2.50	-2.75	4.87	-2.35	-3.01	1.80	-1.76	-1.21
MRFBM1CB26P5_COS		-971.30	-1041.69	308.14	52.35	-90.83	-1.03	-1.88	-0.90	1.33	-1.82	1.83	1.36	-1.12	-0.63	3.21	-2.45
MRFBM1CB26P5_SIN		0.00	1074.50	107.52	-60.22	-110.37	-31.38	-53.33	-18.13	-4.24	-1.22	-18.56	1.62	0.90	-0.16	-0.80	-0.90
MRFBM1FB9_COS		676.29	-183.93	-218.07	2.94	-4.00	22.96	16.73	6.51	-0.20	0.72	-0.99	-0.47	0.58	-0.22	-1.86	1.06
MRFBM1FB9_SIN		0.00	-319.19	-57.20	-261.39	-48.68	5.06	8.85	15.55	4.82	1.07	4.89	-0.68	0.03	0.25	0.22	-1.81
MRFBM1TOR26P5_COS		-101.98	78.47	3.27	0.50	-4.22	0.68	-0.07	-0.06	-0.08	0.15	-0.06	0.12	0.01	0.08	0.07	0.11
MRFBM1TOR26P5_SIN		0.00	-269.15	0.78	1.33	0.08	0.17	-1.79	-0.23	0.11	0.20	0.11	0.06	0.05	-0.15	-0.03	0.02

RUN	POINT	Harmonics															
55	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		460.59	-965.98	565.39	17.25	-120.61	-75.54	-92.59	-50.61	11.24	0.05	-26.17	32.97	3.85	-3.52	15.33	-4.41
MRPC1CB33P25_SIN		0.00	1785.75	-76.53	96.46	190.24	-127.09	-32.69	-38.49	-33.99	-1.38	-63.59	0.67	4.49	6.34	-11.75	25.27
MRPC1FB33P25_COS		1776.01	281.03	-30.81	225.50	221.50	-125.73	-40.29	-170.12	-16.30	-28.30	4.53	20.20	-2.87	6.44	49.20	0.15
MRPC1FB33P25_SIN		0.00	-173.79	140.12	787.54	275.45	22.78	-17.58	-231.35	-110.11	-62.68	-140.44	14.74	9.01	-3.19	-33.67	57.42
MRPC1TOR25P5_COS		-377.80	-67.02	-49.73	-175.34	113.13	-25.45	-4.47	16.50	12.32	0.94	3.26	2.51	0.96	-1.16	-7.23	-6.68
MRPC1TOR25P5_SIN		0.00	-176.70	39.34	-198.01	-54.68	0.27	38.68	23.75	-2.03	-8.66	-17.47	6.98	5.83	12.75	7.62	-1.85
MRPLK1LOAD_COS		-7.83	-13.09	-6.12	-24.85	14.63	-2.42	-2.10	3.02	2.61	-0.11	0.68	-0.25	0.16	-0.36	-1.55	-1.65
MRPLK1LOAD_SIN		0.00	-16.63	4.17	-30.92	-7.43	0.18	6.22	3.55	-0.33	-1.30	-1.58	-0.06	0.19	2.41	1.05	-0.35
PITCHRH_COS		10968.55	-9157.95	-576.79	177.88	76.46	1090.54	152.77	-54.43	97.46	35.28	54.89	124.96	-78.85	20.79	47.16	-187.12
PITCHRH_SIN		0.00	627.49	-1084.54	62.14	142.05	-3290.37	-108.71	44.81	-221.11	15.94	-258.99	97.90	5.24	-79.11	-11.16	106.70
ROLLRH_COS		8681.63	-612.02	1078.53	-90.62	156.47	-572.15	72.04	-70.78	72.56	110.98	311.08	-11.43	9.18	-77.83	-48.27	332.60
ROLLRH_SIN		0.00	-9216.47	-667.46	97.54	537.62	2930.38	-211.53	-119.79	-126.59	-65.36	-39.28	104.82	-24.87	-24.38	118.42	217.89
TORQ_COS		107206.89	625.17	-59.07	64.09	146.81	-66.21	4.39	-2.46	2.77	4.17	8.85	-5.10	0.08	-1.27	-3.55	-0.99
TORQ_SIN		0.00	1202.10	-54.88	64.32	-164.83	299.89	6.65	61.42	2.73	-7.27	63.61	2.16	-4.59	3.09	-4.58	0.56
THRUST_COS		5900.67	-245.21	-6.65	20.75	-0.10	16.04	1.18	13.84	-0.83	-1.94	30.36	-1.37	-9.19	-4.92	1.53	-11.46
THRUST_SIN		0.00	-252.29	-26.28	-0.36	35.30	5.17	7.63	13.64	3.80	5.41	58.23	-2.82	-7.15	-1.59	5.54	-25.10

RUN	POINT	Harmonics															
55	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-110.57	34.57	-28.54	-3.73	-61.92	-212.44	-3.34	1.12	-0.89	-6.33	-14.54	2.29	-1.61	2.06	1.46	-10.45
SIDERH_SIN		0.00	213.44	18.36	-3.74	-42.96	-265.29	3.54	0.51	2.99	3.01	-4.67	-2.47	0.11	0.58	-3.72	-6.09
DRAGRH_COS		-86.55	215.36	17.17	3.69	28.50	641.38	1.59	-1.43	4.90	-5.06	-18.88	-6.08	1.13	-1.33	-1.39	9.22
DRAGRH_SIN		0.00	-27.67	8.39	-3.68	8.18	456.52	27.30	8.59	4.46	-0.85	13.91	-6.32	1.73	4.18	1.85	-4.81

RUN	POINT	Harmonics															
55	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.00	-0.95	0.00	0.00	0.00	0.03	-0.07	0.01	0.00	0.01	-0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.01	-0.30	-0.01	0.00	0.00	0.01	-0.02	0.03	0.01	0.00	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.11	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.00	-0.31	-7.75	-2.59	3.35	-0.23	-0.15	0.57	-1.28	0.13	-0.25	0.27	-0.34	-0.57	0.35	-0.04
ACT1FORCE_SIN		0.00	20.25	6.16	-9.48	-0.97	2.04	0.00	0.14	-1.01	0.51	0.16	0.10	0.05	0.17	0.08	0.04
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		389.37	-3.46	229.06	-180.63	-27.42	-0.79	-6.77	-0.17	0.18	-0.07	-0.10	-0.03	0.06	-0.05	0.05	-0.01
FA1IBVOLTAGE_SIN		0.00	-127.55	-90.42	49.64	17.10	-10.23	5.24	0.05	-0.16	-0.05	0.11	-0.04	-0.11	-0.02	0.06	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.06	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		416.49	3.56	-229.81	180.62	27.76	1.08	6.68	0.05	-0.10	0.06	0.04	0.06	-0.05	0.04	-0.06	0.01
FA1OBVOLTAGE_SIN		0.00	128.07	90.93	-50.11	-17.51	11.05	-5.50	-0.18	0.21	0.03	-0.08	0.02	0.09	0.04	-0.07	0.03
MRBLD1CB42P75_COS		-835.16	-1464.55	659.42	-120.12	-283.15	-40.21	-76.89	-15.99	4.87	4.12	-26.45	33.39	-3.09	-6.96	4.88	-2.56
MRBLD1CB42P75_SIN		0.00	2000.35	-33.58	93.67	445.30	-170.14	-29.90	-18.42	-0.17	32.26	-59.40	10.03	8.94	9.99	-10.78	24.58

RUN	POINT	Harmonics															
55	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4518.99	-1160.10	531.94	-297.83	-275.40	9.29	-43.04	-4.01	1.86	8.85	-21.88	24.12	-1.29	-1.89	1.12	9.28
MRBLD1CB70_SIN		0.00	1490.90	-83.44	126.53	771.10	-116.56	136.34	11.68	7.43	26.33	-12.51	1.15	5.09	2.40	-13.07	33.27
MRBLD1CB120_COS		-232.40	-720.75	407.91	-194.42	-98.57	31.54	-6.36	6.35	3.98	-7.87	3.24	-20.30	0.66	3.37	4.37	-2.23
MRBLD1CB120_SIN		0.00	969.28	-78.54	153.92	798.53	-3.15	269.63	-16.58	-39.19	-37.46	29.63	1.24	1.38	-1.73	-0.01	4.96
MRBLD1CB164_COS		-2006.83	-246.10	117.67	-79.01	-4.85	-5.55	-13.14	14.15	-2.56	-13.92	9.77	-17.66	0.17	-1.21	-5.45	-6.53
MRBLD1CB164_SIN		0.00	342.35	-3.76	98.60	311.15	42.09	148.27	-10.61	-39.12	-44.10	8.13	9.91	2.96	3.81	11.79	-22.50
MRBLD1FB42P75_COS		2535.49	338.52	35.30	564.25	273.65	-140.19	-70.35	-192.99	-84.10	-73.34	-90.98	23.43	-0.49	-0.86	-5.68	41.60
MRBLD1FB42P75_SIN		0.00	-392.29	226.79	856.89	249.08	76.30	-14.33	-130.59	-64.50	-37.68	-92.97	6.52	8.16	-5.36	-43.71	26.54
MRBLD1FB70_COS		621.51	101.67	10.48	125.22	69.26	-31.71	-14.55	-19.11	-1.65	3.86	1.33	1.69	1.30	1.19	1.78	-6.91
MRBLD1FB70_SIN		0.00	-244.54	113.11	232.95	94.37	0.15	1.53	-15.91	-0.62	5.78	4.90	0.97	1.03	1.50	8.59	-5.73
MRBLD1FB87_COS		70.59	114.74	-42.26	40.15	28.71	-15.70	-4.37	16.39	14.01	14.98	22.62	-5.24	1.48	1.30	2.04	-8.61
MRBLD1FB87_SIN		0.00	-302.50	94.97	127.19	23.85	4.87	0.41	10.52	6.89	7.49	22.62	0.64	-0.14	2.88	11.67	-2.30
MRBLD1FB120_COS		-296.16	144.52	-130.85	-5.78	-16.26	-4.63	-14.55	19.78	-2.87	-13.80	-12.62	-2.64	-5.68	-3.49	-2.43	12.52
MRBLD1FB120_SIN		0.00	-425.55	106.37	213.80	-26.38	37.89	10.87	26.96	7.18	-8.54	-15.29	-5.02	-5.11	-7.46	-18.64	3.64
MRBLD1FB164_COS		84.93	118.25	-150.46	142.56	-103.29	45.40	41.33	-22.92	-0.86	18.21	19.55	-4.37	1.65	1.00	-1.58	-8.58
MRBLD1FB164_SIN		0.00	-499.36	70.86	356.69	41.99	-15.75	-39.37	-38.88	-6.57	9.94	23.64	1.88	-1.58	2.94	9.74	-1.84

RUN	POINT	Harmonics															
55	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		15.18	-22.38	-90.41	114.23	-56.08	38.15	20.80	-19.81	13.23	21.55	41.80	-19.70	-14.42	-9.88	-2.24	16.08
MRBLD1FB180_SIN		0.00	-343.59	44.71	181.38	37.02	-11.53	-29.90	-46.13	6.94	24.07	42.11	-6.34	-10.16	-11.03	-23.04	4.31
MRBLD1TOR51_COS		-1468.49	163.57	-22.87	171.72	-90.74	21.92	2.38	-4.42	-13.54	5.07	2.49	-1.48	-2.24	-1.64	5.40	2.65
MRBLD1TOR51_SIN		0.00	-60.67	31.79	170.43	83.17	-5.46	-29.80	-33.08	1.87	3.08	10.88	-3.77	-2.82	-6.14	-6.17	5.62
MRBLD1TOR71_COS		-296.16	181.34	-57.09	162.03	-74.92	28.88	11.55	1.85	-10.83	5.55	4.35	-4.62	-1.40	-1.38	3.43	1.09
MRBLD1TOR71_SIN		0.00	-67.58	19.47	109.98	46.23	-1.07	-24.05	-20.76	5.95	4.20	15.11	-4.69	-1.90	-3.08	-3.01	3.56
MRBLD1TOR130_COS		-38.12	155.90	-57.27	150.67	-67.16	25.15	14.75	0.37	-5.05	2.84	5.05	-2.68	-0.83	-1.36	-2.90	-2.64
MRBLD1TOR130_SIN		0.00	-35.66	-24.56	70.23	35.84	-7.47	-14.14	-21.44	-0.22	-1.10	-1.15	1.45	2.77	4.71	2.45	-1.53
MRBLD1TOR164_COS		-266.37	78.16	-29.60	94.90	-21.85	4.30	5.05	-0.30	-0.94	2.76	5.12	-4.52	-0.47	0.75	-1.08	-1.55
MRBLD1TOR164_SIN		0.00	15.23	-35.91	-19.22	29.91	-7.83	-5.14	-7.43	3.60	-1.37	3.04	-2.36	-1.39	1.57	-0.59	-0.81
MRFBM1CB26P5_COS		-983.70	-983.99	284.59	41.29	-99.16	-3.13	-2.29	-1.30	-0.10	-1.38	0.70	0.95	-0.25	-0.24	2.98	-2.48
MRFBM1CB26P5_SIN		0.00	959.64	99.44	-79.10	-94.62	-31.63	-49.89	-13.05	-3.34	-1.75	-15.99	1.94	0.08	-0.13	-0.98	-0.52
MRFBM1FB9_COS		679.01	-189.26	-186.76	-30.54	0.67	23.29	16.87	2.87	0.89	0.88	-0.36	-0.08	0.51	-0.02	-1.36	1.03
MRFBM1FB9_SIN		0.00	-245.65	-81.79	-268.96	-50.71	4.82	8.86	12.12	4.31	1.46	4.36	-0.70	0.15	0.27	0.50	-1.62
MRFBM1TOR26P5_COS		-102.16	78.93	2.74	0.53	-3.65	0.63	-0.25	0.00	-0.04	0.09	-0.14	0.29	0.03	0.04	0.06	0.12
MRFBM1TOR26P5_SIN		0.00	-268.71	1.38	1.00	0.46	0.07	-1.57	-0.22	0.12	0.13	0.16	0.07	-0.03	-0.15	-0.04	-0.01

RUN	POINT	Harmonics															
55	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		458.54	-983.94	531.25	11.55	-129.94	-70.52	-92.67	-23.63	7.78	-4.80	-20.02	24.77	-0.97	-4.33	8.17	-4.22
MRPC1CB33P25_SIN		0.00	1659.98	-70.88	66.53	200.14	-117.14	-36.66	-28.25	-24.38	-0.17	-55.83	3.91	4.64	7.40	-10.23	22.77
MRPC1FB33P25_COS		1792.83	276.40	-66.45	334.19	175.00	-133.20	-50.12	-99.74	-30.58	-28.65	-8.34	16.06	-4.12	2.96	32.46	-0.27
MRPC1FB33P25_SIN		0.00	-134.82	172.04	797.15	284.75	18.47	-31.59	-190.88	-97.30	-68.89	-122.58	20.58	5.01	-3.80	-30.19	54.02
MRPC1TOR25P5_COS		-385.08	-92.49	0.82	-159.99	96.10	-21.38	-1.50	0.09	14.79	-1.14	3.47	0.58	1.61	0.22	-5.53	-6.59
MRPC1TOR25P5_SIN		0.00	-192.31	-32.32	-161.70	-61.79	-1.22	38.35	31.13	-7.39	-8.48	-18.58	6.91	7.31	12.14	7.83	-0.80
MRPLK1LOAD_COS		-8.53	-16.22	0.45	-23.01	12.11	-1.89	-1.40	0.72	2.77	-0.23	1.02	-1.16	0.10	0.03	-1.17	-1.63
MRPLK1LOAD_SIN		0.00	-18.62	-5.49	-25.95	-8.69	-0.08	6.01	4.45	-1.01	-1.10	-1.98	-0.12	0.80	2.40	1.09	-0.09
PITCHRH_COS		11143.04	-9155.42	-589.98	186.24	46.52	516.46	86.44	-20.12	76.89	15.13	49.10	136.14	-61.36	-10.39	49.84	-173.57
PITCHRH_SIN		0.00	605.45	-934.45	55.56	114.85	-2743.69	-157.18	32.23	-148.49	46.29	-261.56	49.24	-1.35	8.15	-47.26	106.19
ROLLRH_COS		7152.04	-599.59	920.06	-116.99	107.26	-721.02	127.10	-146.67	-9.74	95.00	274.23	8.55	-9.64	-51.72	-19.31	234.23
ROLLRH_SIN		0.00	-9171.71	-626.89	137.50	509.73	2626.22	-200.90	-151.98	-55.87	-62.90	-30.43	82.58	-37.24	-2.55	78.61	207.76
TORQ_COS		106882.98	621.19	-48.90	59.45	132.47	-84.49	3.18	8.77	1.79	4.89	10.50	-2.07	2.29	-3.13	-5.58	-0.12
TORQ_SIN		0.00	1196.01	-59.99	94.60	-190.36	261.27	7.07	40.99	4.01	-9.60	54.86	3.08	-3.76	3.79	-4.61	1.24
THRUST_COS		5910.16	-245.53	-8.33	27.38	-0.31	28.21	-2.62	12.39	-1.39	0.93	26.39	-10.12	-5.38	-3.41	3.08	-9.25
THRUST_SIN		0.00	-249.39	-19.03	1.38	31.77	3.13	5.61	8.01	2.88	6.25	47.26	-1.38	4.58	4.05	3.95	-20.47

RUN	POINT	Harmonics															
55	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-119.33	29.46	-17.39	1.11	-51.20	-188.73	-9.17	3.73	0.48	-5.08	-13.15	1.58	-0.47	1.47	0.74	-7.26
SIDERH_SIN		0.00	215.41	12.13	-4.41	-45.05	-226.95	0.07	2.30	0.76	3.65	-4.85	-2.16	1.07	0.17	-2.56	-5.62
DRAGRH_COS		-82.73	215.30	15.94	0.91	25.27	622.02	-12.94	-1.79	4.19	-3.61	-17.67	-5.52	1.00	-0.12	-1.84	8.93
DRAGRH_SIN		0.00	-26.85	9.88	-2.87	7.63	358.90	41.44	2.18	0.60	-3.41	12.98	-6.47	0.00	0.00	2.84	-4.56

RUN	POINT	Harmonics															
55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.84	-0.94	0.00	0.00	0.00	0.01	-0.08	0.01	0.00	0.01	-0.01	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.52	-0.28	0.00	0.00	0.00	-0.01	0.02	0.02	0.00	0.00	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.09	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.64	-0.67	-6.94	-1.13	2.48	-0.47	-0.16	0.39	-1.72	0.24	-0.21	0.17	-0.30	0.21	0.34	-0.06
ACT1FORCE_SIN		0.00	20.30	3.22	-9.48	0.60	1.72	0.13	-0.45	-0.16	0.45	0.06	-0.15	0.05	0.48	-0.01	0.08
FA1IBCURRENT_COS		-0.01	-0.02	-0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.05	0.07	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.74	-12.48	180.27	-187.73	-20.18	0.14	-4.96	-0.10	0.10	-0.08	-0.04	0.01	-0.03	-0.03	0.06	-0.02
FA1IBVOLTAGE_SIN		0.00	-139.23	-161.10	53.72	2.66	-12.16	2.19	0.09	-0.32	-0.01	0.06	-0.03	-0.04	0.08	0.03	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.05	-0.07	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.11	12.54	-180.81	187.78	20.30	0.42	4.86	0.02	-0.02	0.08	0.03	0.00	0.02	0.04	-0.06	0.02
FA1OBVOLTAGE_SIN		0.00	139.64	161.70	-54.08	-2.88	12.82	-2.46	-0.16	0.33	-0.03	0.00	0.00	0.03	-0.06	-0.04	0.00
MRBLD1CB42P75_COS		-815.77	-1465.04	652.87	-103.77	-224.72	-51.18	-65.58	-32.91	7.40	-5.94	-16.44	35.36	-0.82	-8.13	9.53	-1.76
MRBLD1CB42P75_SIN		0.00	1873.27	-43.43	117.20	423.30	-154.30	-16.56	-37.95	-3.45	23.69	-67.77	11.15	10.80	11.01	-8.79	26.24

RUN	POINT	Harmonics															
55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4545.53	-1152.97	512.08	-251.13	-158.22	-34.75	-26.97	-19.32	6.33	-1.59	-15.23	25.99	2.24	-4.06	4.03	12.82
MRBLD1CB70_SIN		0.00	1404.03	-115.91	181.93	677.09	-142.19	124.24	-7.37	2.63	20.35	-13.41	-1.01	4.22	3.78	-12.69	33.77
MRBLD1CB120_COS		-214.04	-713.35	392.17	-144.13	5.74	-24.43	7.58	-5.72	-4.76	-6.36	-0.72	-18.89	2.90	5.00	4.76	-1.18
MRBLD1CB120_SIN		0.00	934.07	-106.55	203.54	696.31	-61.11	228.42	-25.97	-33.34	-33.40	39.95	1.70	1.85	-1.99	0.14	5.22
MRBLD1CB164_COS		-1999.77	-244.12	109.93	-39.59	31.57	-30.19	-6.70	15.41	-13.03	-8.54	6.99	-16.25	-0.24	2.02	-5.80	-8.08
MRBLD1CB164_SIN		0.00	333.87	-31.76	115.23	274.27	3.29	123.88	-4.87	-33.46	-37.23	13.56	11.85	3.60	2.65	12.39	-23.14
MRBLD1FB42P75_COS		2525.91	349.13	74.10	745.77	207.68	-109.67	-69.21	-252.04	-107.18	-80.05	-88.47	30.74	3.80	1.51	-0.89	45.82
MRBLD1FB42P75_SIN		0.00	-368.96	287.55	753.77	354.10	106.93	-6.99	-142.50	-31.43	-40.28	-102.62	7.50	9.73	-5.94	-49.54	26.80
MRBLD1FB70_COS		613.17	106.43	25.94	190.37	51.26	-27.13	-13.53	-29.95	-4.18	2.23	1.23	1.04	0.64	0.46	0.67	-7.62
MRBLD1FB70_SIN		0.00	-257.52	132.04	206.64	118.33	5.44	1.55	-19.69	2.50	5.07	4.03	0.51	0.70	1.26	9.50	-6.11
MRBLD1FB87_COS		61.69	116.85	-33.65	82.87	17.57	-15.71	-4.10	21.16	16.36	16.61	22.16	-6.22	1.05	1.14	1.23	-9.18
MRBLD1FB87_SIN		0.00	-313.24	104.29	112.46	36.69	3.75	-0.47	11.72	2.20	7.56	24.35	-0.08	-0.23	3.06	13.21	-2.21
MRBLD1FB120_COS		-303.36	142.62	-130.02	55.78	-16.81	-7.19	-12.55	36.92	0.48	-11.85	-12.82	-2.98	-6.28	-3.24	-1.87	14.08
MRBLD1FB120_SIN		0.00	-431.57	108.18	190.60	-16.64	28.70	10.15	32.67	1.75	-7.02	-14.98	-4.15	-5.12	-7.22	-21.25	3.36
MRBLD1FB164_COS		70.69	138.77	-125.03	168.72	-69.48	39.29	34.05	-44.73	-4.39	16.78	19.49	-3.95	1.50	0.54	-2.11	-9.04
MRBLD1FB164_SIN		0.00	-515.27	153.22	326.46	11.02	-21.91	-33.00	-49.60	0.06	8.53	21.79	-0.14	-1.15	2.61	10.86	-2.04

RUN	POINT	Harmonics															
55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		4.96	-4.58	-60.75	107.27	-35.03	35.15	18.10	-41.93	8.74	26.50	41.24	-23.41	-15.09	-9.32	-1.41	17.71
MRBLD1FB180_SIN		0.00	-356.49	115.99	173.99	9.92	-14.53	-26.30	-50.36	4.99	20.02	45.40	-9.29	-12.81	-12.34	-27.35	3.37
MRBLD1TOR51_COS		-1472.39	194.85	-14.16	147.73	-66.43	13.32	11.79	-23.65	-14.98	1.78	2.33	-1.82	-1.53	0.48	5.53	3.46
MRBLD1TOR51_SIN		0.00	-75.41	121.96	152.09	73.13	3.04	-33.89	-37.79	5.98	2.06	10.51	-5.08	-4.60	-5.83	-6.13	6.27
MRBLD1TOR71_COS		-301.45	211.36	-48.36	130.61	-52.94	21.58	19.38	-13.28	-10.60	2.50	3.73	-5.51	-0.86	0.69	3.95	1.57
MRBLD1TOR71_SIN		0.00	-80.36	104.14	93.46	35.15	5.90	-28.50	-23.24	9.35	4.13	15.22	-5.62	-3.54	-2.96	-3.01	3.99
MRBLD1TOR130_COS		-42.40	186.58	-47.75	109.68	-45.15	19.66	20.08	-11.44	-6.06	-0.59	5.88	-3.32	-0.89	-1.16	-2.35	-3.17
MRBLD1TOR130_SIN		0.00	-46.88	57.63	57.60	21.60	-1.09	-18.36	-24.25	2.48	-1.54	-1.55	2.25	3.12	4.80	2.76	-1.75
MRBLD1TOR164_COS		-267.48	99.17	-24.39	57.58	-15.55	3.66	7.69	-4.88	0.59	1.29	4.40	-5.00	-0.46	-0.38	-0.06	-1.76
MRBLD1TOR164_SIN		0.00	8.62	15.32	-23.09	22.13	-2.09	-7.60	-7.73	2.89	-0.52	2.97	-1.82	-0.63	1.45	-0.85	-1.22
MRFBM1CB26P5_COS		-973.68	-946.66	285.70	11.25	-98.32	0.13	-4.47	-1.68	-0.27	-0.94	1.75	1.12	-0.55	0.37	3.57	-2.75
MRFBM1CB26P5_SIN		0.00	873.14	98.87	-82.41	-69.10	-18.92	-42.72	-13.28	-2.93	-2.45	-17.50	3.02	0.80	-0.24	-0.95	-0.33
MRFBM1FB9_COS		679.93	-192.68	-200.92	-84.00	9.51	23.35	14.70	4.82	2.42	0.95	-1.12	-0.13	0.49	-0.06	-1.60	0.96
MRFBM1FB9_SIN		0.00	-158.64	-117.39	-263.53	-58.80	2.01	7.87	14.99	4.20	1.88	4.21	-1.02	0.01	0.16	0.29	-1.87
MRFBM1TOR26P5_COS		-102.35	77.18	2.71	0.55	-2.91	0.38	-0.02	-0.18	-0.12	0.21	-0.17	0.33	0.03	0.04	0.02	0.13
MRFBM1TOR26P5_SIN		0.00	-269.38	2.13	0.92	0.19	0.25	-1.51	-0.31	0.18	0.07	0.17	0.00	-0.07	-0.17	-0.05	-0.01

RUN	POINT	Harmonics															
55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		467.80	-1017.24	537.99	4.29	-125.64	-63.42	-83.19	-37.42	6.64	-10.29	-15.77	25.85	1.19	-4.70	12.79	-3.19
MRPC1CB33P25_SIN		0.00	1571.01	-69.35	67.23	217.75	-95.56	-25.34	-38.67	-23.51	-5.09	-63.50	6.31	6.61	7.05	-9.28	25.13
MRPC1FB33P25_COS		1787.81	283.62	-45.33	503.53	99.99	-117.26	-52.11	-140.65	-61.80	-32.21	-0.21	20.55	-2.11	4.69	40.94	1.49
MRPC1FB33P25_SIN		0.00	-116.22	221.77	745.04	354.87	50.49	-23.90	-224.02	-82.88	-75.09	-128.26	25.93	9.02	-1.52	-29.25	56.77
MRPC1TOR25P5_COS		-381.93	-127.76	-8.47	-127.20	68.37	-11.34	-11.74	19.90	16.23	0.21	4.44	0.70	1.17	-1.84	-3.64	-7.93
MRPC1TOR25P5_SIN		0.00	-179.79	-127.06	-142.35	-50.14	-10.03	43.53	35.24	-11.82	-7.36	-18.98	9.74	9.91	12.64	8.07	-1.92
MRPLK1LOAD_COS		-8.35	-20.57	-0.94	-18.99	8.28	-0.48	-2.95	3.55	3.21	-0.35	1.26	-1.35	0.01	-0.23	-0.67	-1.90
MRPLK1LOAD_SIN		0.00	-17.17	-17.84	-23.07	-7.21	-1.47	6.82	5.13	-1.79	-0.73	-2.07	0.45	1.24	2.49	1.16	-0.15
PITCHRH_COS		11157.53	-9140.13	-584.74	162.09	28.41	71.28	84.90	18.23	118.57	1.40	75.80	98.53	-43.47	37.87	15.44	-203.50
PITCHRH_SIN		0.00	700.28	-772.61	45.94	104.08	-1511.85	-35.81	55.43	-178.60	-7.29	-221.98	24.56	-22.38	36.77	-35.57	100.19
ROLLRH_COS		5534.50	-666.34	826.99	-104.51	79.73	-1178.53	-5.75	-77.62	20.59	112.99	239.40	27.13	15.06	-50.67	-20.35	249.99
ROLLRH_SIN		0.00	-9149.18	-647.57	187.62	415.26	2154.69	-257.16	-163.41	-106.49	-69.25	-26.67	50.43	-56.64	3.89	25.24	223.11
TORQ_COS		107193.58	616.46	-35.78	73.05	103.10	-86.89	5.77	7.78	-2.86	2.54	7.26	-1.82	-0.60	-3.35	-6.94	2.34
TORQ_SIN		0.00	1187.26	-44.12	107.73	-186.49	190.47	11.82	38.75	1.25	-8.66	64.70	-0.84	-6.56	5.55	-3.52	2.24
THRUST_COS		5923.90	-249.78	-7.35	30.33	-0.74	27.89	1.23	12.14	-3.74	-1.70	23.04	-12.54	-6.36	1.66	6.12	-14.62
THRUST_SIN		0.00	-244.89	-5.53	-0.10	31.33	-18.11	9.30	5.44	3.17	11.74	49.68	-1.36	6.45	6.93	2.46	-20.41

RUN	POINT	Harmonics															
55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-130.09	35.62	-18.37	2.86	-36.66	-129.65	-2.39	1.54	-0.62	-5.01	-11.60	0.21	-1.15	1.36	0.69	-7.56
SIDERH_SIN		0.00	217.07	14.42	-2.96	-36.28	-191.11	7.12	3.85	2.28	3.44	-4.66	-1.30	1.48	-0.01	-0.87	-6.38
DRAGRH_COS		-84.87	214.53	11.99	0.65	26.43	531.52	1.70	-3.90	1.10	-4.64	-16.67	-5.08	0.91	-1.37	0.34	9.77
DRAGRH_SIN		0.00	-30.16	10.38	-2.39	3.71	249.51	25.44	2.89	-0.55	-1.50	11.04	-3.26	1.34	-1.06	2.10	-4.69

RUN	POINT	Harmonics															
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.48	-0.95	0.00	0.00	0.00	-0.02	-0.07	0.01	-0.01	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.86	-0.29	0.00	0.01	-0.01	-0.02	0.04	0.02	0.01	0.00	0.01	-0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	-0.05	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.84	-1.50	-6.17	0.19	2.17	-1.27	0.22	-0.14	-1.67	0.09	-0.22	0.27	0.01	0.47	0.04	0.01
ACT1FORCE_SIN		0.00	19.89	0.01	-9.38	2.05	1.61	-0.34	-0.37	0.66	0.52	-0.15	-0.31	0.46	0.25	-0.12	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	-0.04	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.07	0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		373.34	-8.22	104.55	-201.23	-18.78	5.30	-4.07	0.09	0.08	-0.06	-0.04	-0.04	-0.01	0.09	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-136.47	-184.45	56.67	-13.72	-14.96	3.75	-0.09	-0.30	0.11	0.02	-0.07	-0.02	0.10	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.08	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		432.49	8.28	-104.70	201.35	18.96	-4.62	3.93	-0.08	0.05	0.03	0.06	0.04	0.03	-0.08	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	136.72	185.06	-57.22	13.78	15.40	-4.07	0.02	0.31	-0.10	0.01	0.01	0.02	-0.09	0.00	0.00
MRBLD1CB42P75_COS		-829.46	-1673.16	580.52	-103.00	-222.47	-32.13	-68.77	-31.32	3.14	-14.22	-19.51	20.46	-4.31	-9.94	1.52	-0.87
MRBLD1CB42P75_SIN		0.00	1619.05	-18.16	75.40	370.15	-138.44	-16.50	-38.43	6.89	31.53	-71.10	12.98	8.81	12.82	-3.67	21.71

RUN	POINT	Harmonics															
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4529.94	-1268.62	455.13	-222.24	-175.45	-17.96	-55.29	-19.69	1.70	-6.61	-23.75	14.66	0.00	-5.16	-1.81	12.60
MRBLD1CB70_SIN		0.00	1221.48	-97.34	140.19	589.66	-118.72	130.62	-1.94	8.85	28.49	-12.67	3.57	4.08	6.82	-5.82	31.00
MRBLD1CB120_COS		-223.59	-745.32	359.04	-111.62	-18.83	-13.53	-37.60	5.88	-1.09	-3.41	0.73	-13.33	3.66	5.52	4.19	-0.80
MRBLD1CB120_SIN		0.00	850.21	-86.65	158.87	624.96	-37.98	229.04	-8.73	-31.76	-39.15	38.38	-1.38	2.28	-2.16	-0.69	4.92
MRBLD1CB164_COS		-1999.08	-252.28	95.50	-18.81	17.40	-31.42	-26.00	18.58	-6.60	-3.65	13.85	-9.88	0.95	3.24	-1.41	-8.39
MRBLD1CB164_SIN		0.00	314.08	-37.87	93.85	252.38	9.26	118.69	2.68	-34.93	-45.28	11.39	6.80	2.64	-0.05	8.42	-22.07
MRBLD1FB42P75_COS		2538.80	400.33	66.36	729.27	243.66	-92.35	-76.00	-188.89	-90.47	-94.84	-83.46	17.67	-0.84	3.96	-5.82	39.43
MRBLD1FB42P75_SIN		0.00	-311.09	321.20	630.16	379.92	124.54	-1.96	-126.30	-16.72	-33.69	-120.44	8.93	7.09	-3.61	-32.72	18.91
MRBLD1FB70_COS		622.28	103.10	20.50	191.66	58.84	-21.77	-15.74	-20.04	-2.44	1.05	0.54	1.54	1.27	0.24	1.61	-6.66
MRBLD1FB70_SIN		0.00	-248.07	138.32	165.51	123.05	11.29	3.08	-16.77	4.87	6.62	4.34	0.57	0.86	0.94	6.22	-4.28
MRBLD1FB87_COS		68.99	114.48	-34.91	88.84	19.95	-15.73	-4.84	15.94	13.85	18.82	20.58	-3.34	1.83	0.13	1.92	-7.99
MRBLD1FB87_SIN		0.00	-303.25	102.71	90.95	41.76	5.36	-0.95	9.99	0.20	6.22	28.34	-0.98	0.11	2.31	9.10	-1.05
MRBLD1FB120_COS		-300.10	133.47	-128.32	68.42	-17.53	-15.61	-9.54	22.00	-1.95	-10.17	-11.43	-4.57	-6.83	-1.76	-3.08	12.15
MRBLD1FB120_SIN		0.00	-427.81	98.38	170.56	-8.12	26.50	7.22	29.93	-1.74	-7.96	-15.62	-2.86	-4.53	-5.97	-14.92	1.61
MRBLD1FB164_COS		67.95	143.16	-84.27	145.12	-63.21	46.92	36.67	-21.85	-2.94	13.76	16.32	-0.44	2.96	-1.24	-1.60	-7.94
MRBLD1FB164_SIN		0.00	-531.98	198.48	310.77	-10.08	-26.18	-31.41	-45.00	4.26	10.35	22.67	-1.28	0.10	2.47	7.56	-1.19

RUN	POINT	Harmonics															
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		4.19	0.52	-20.49	83.41	-34.41	44.44	20.45	-23.53	5.85	27.68	37.13	-17.56	-14.34	-7.85	-2.88	15.74
MRBLD1FB180_SIN		0.00	-371.87	160.20	172.67	-7.83	-18.97	-21.37	-46.08	7.18	19.56	54.44	-10.11	-12.03	-10.89	-19.58	0.42
MRBLD1TOR51_COS		-1473.64	208.76	15.08	111.64	-56.16	16.55	10.81	-20.47	-12.01	1.32	0.26	-2.09	-2.27	0.09	3.41	3.47
MRBLD1TOR51_SIN		0.00	-95.30	185.93	144.40	57.87	6.63	-31.14	-30.55	6.97	3.46	12.78	-4.24	-4.30	-6.80	-5.35	5.42
MRBLD1TOR71_COS		-302.05	227.54	-17.41	96.03	-45.22	23.80	18.93	-12.29	-7.63	3.18	1.72	-4.69	-1.38	0.45	2.81	1.95
MRBLD1TOR71_SIN		0.00	-94.18	162.59	92.60	22.52	7.65	-26.16	-18.18	9.03	4.99	17.72	-5.28	-3.10	-3.88	-2.48	3.22
MRBLD1TOR130_COS		-44.29	204.52	-13.05	74.27	-40.86	22.83	19.45	-8.58	-3.87	-0.94	6.15	-3.72	-1.07	-1.00	-1.54	-2.77
MRBLD1TOR130_SIN		0.00	-62.37	114.50	65.39	8.10	-0.41	-17.13	-19.41	3.46	-1.35	-0.83	1.07	2.97	4.78	2.96	-1.99
MRBLD1TOR164_COS		-268.54	113.34	-0.40	34.55	-15.75	5.45	5.79	-4.26	1.42	1.78	3.29	-4.69	-0.34	-0.41	-0.32	-1.47
MRBLD1TOR164_SIN		0.00	-1.47	52.37	-11.60	15.28	-0.73	-7.44	-6.47	2.44	0.28	3.95	-2.69	-0.74	2.65	-0.23	-1.52
MRFBM1CB26P5_COS		-963.79	-1030.50	258.02	0.44	-84.10	2.08	1.38	-1.52	-1.01	-2.22	4.15	0.68	-0.86	0.17	2.42	-2.46
MRFBM1CB26P5_SIN		0.00	699.90	102.82	-80.73	-65.35	-19.34	-42.96	-16.36	-2.24	-3.00	-18.98	1.84	0.11	-0.41	-1.20	-0.88
MRFBM1FB9_COS		669.56	-94.42	-187.23	-92.06	4.65	22.60	15.14	3.18	2.71	1.87	-1.30	0.32	0.56	0.21	-0.87	0.75
MRFBM1FB9_SIN		0.00	-99.94	-140.51	-229.85	-62.24	-1.02	8.65	12.26	3.59	2.21	4.46	-0.39	0.32	0.06	0.55	-1.46
MRFBM1TOR26P5_COS		-102.33	78.46	2.97	0.36	-2.48	0.36	0.09	-0.23	-0.15	0.18	-0.18	0.31	0.04	0.03	0.01	0.09
MRFBM1TOR26P5_SIN		0.00	-269.06	2.64	0.76	-0.25	0.39	-1.36	-0.28	0.21	0.10	0.15	0.07	-0.07	-0.19	-0.07	0.00

RUN	POINT	Harmonics															
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		453.33	-1222.06	475.47	-17.63	-123.85	-49.24	-78.88	-33.73	7.54	-13.93	-15.02	16.94	-1.42	-6.60	4.78	-2.15
MRPC1CB33P25_SIN		0.00	1394.74	-40.29	33.65	201.04	-90.35	-34.73	-39.69	-13.75	-1.86	-67.84	7.86	5.35	8.77	-4.77	20.70
MRPC1FB33P25_COS		1802.45	323.89	-58.78	512.28	123.13	-108.06	-60.30	-98.95	-56.17	-46.27	13.76	9.69	-3.38	5.02	23.95	5.65
MRPC1FB33P25_SIN		0.00	-65.90	248.17	640.59	382.08	69.64	-22.47	-186.98	-64.57	-78.07	-138.06	18.64	3.86	2.16	-22.51	47.97
MRPC1TOR25P5_COS		-377.09	-144.97	-41.02	-87.43	56.75	-14.03	-11.22	18.49	13.81	0.80	7.07	0.36	1.78	-0.98	-1.98	-6.64
MRPC1TOR25P5_SIN		0.00	-160.59	-194.00	-137.23	-35.18	-13.64	39.69	28.35	-12.71	-8.86	-21.42	7.12	9.33	14.36	8.68	-1.89
MRPLK1LOAD_COS		-7.62	-22.68	-5.31	-13.57	6.48	-0.87	-2.90	3.43	2.98	-0.15	1.62	-1.31	0.07	-0.09	-0.34	-1.53
MRPLK1LOAD_SIN		0.00	-14.62	-26.79	-22.19	-5.03	-2.14	6.10	4.18	-1.99	-0.96	-2.23	-0.11	1.22	2.73	1.30	-0.25
PITCHRH_COS		9526.96	-9158.68	-514.70	143.68	4.91	365.17	38.43	-51.81	60.50	-16.54	52.42	106.98	-23.93	33.79	18.60	-197.19
PITCHRH_SIN		0.00	570.01	-678.62	-12.67	98.12	-1042.07	-11.14	105.85	13.09	-28.75	-241.00	50.49	-48.41	55.64	-37.39	82.79
ROLLRH_COS		4178.92	-610.67	795.18	-75.02	62.55	-1610.80	28.14	-56.47	-15.76	110.18	186.08	-8.94	41.76	-46.65	-13.63	147.74
ROLLRH_SIN		0.00	-9109.45	-554.97	153.13	439.70	2255.19	-270.98	-157.19	-152.97	-43.58	-23.37	66.19	-55.09	27.13	-12.43	191.26
TORQ_COS		107272.01	586.77	-31.93	70.58	113.23	-121.97	3.62	21.67	-3.00	2.96	0.14	-1.14	1.67	-2.19	-5.52	0.75
TORQ_SIN		0.00	1231.61	-55.76	106.56	-158.31	168.79	12.84	61.57	-3.10	-8.81	70.64	0.60	-7.91	6.99	-3.32	1.18
THRUST_COS		5893.71	-249.64	-2.91	28.21	-4.90	19.89	-0.10	22.32	-2.25	-2.93	20.84	-9.54	-8.85	-0.45	8.45	-16.74
THRUST_SIN		0.00	-258.60	5.17	-0.93	27.62	-37.28	7.69	10.67	1.39	11.31	58.01	-4.29	4.30	5.58	-0.14	-19.35

RUN	POINT	Harmonics															
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.46	30.71	-21.27	4.12	-31.82	-86.49	-4.32	1.44	0.41	-4.63	-8.49	1.44	-1.86	1.41	0.59	-4.42
SIDERH_SIN		0.00	214.61	7.84	-2.57	-47.12	-215.82	2.60	3.13	3.96	2.19	-5.96	-1.43	1.59	-0.53	0.32	-5.44
DRAGRH_COS		-96.92	215.16	8.90	0.18	22.48	443.33	-13.03	-3.23	1.12	-2.77	-14.24	-3.30	-0.47	-1.50	-0.32	9.13
DRAGRH_SIN		0.00	-28.08	8.66	-0.75	4.81	272.44	33.42	-0.42	-5.96	-0.35	9.93	-5.23	1.87	-2.23	1.67	-4.61

RUN	POINT	Harmonics															
55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.03	-0.95	0.00	0.00	0.00	-0.04	-0.04	0.02	-0.01	0.00	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.98	-0.27	0.01	0.01	0.00	0.02	0.07	0.01	0.00	0.00	0.00	-0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.11	0.03	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.55	-2.23	-7.81	1.28	1.80	-1.17	0.70	-0.85	-1.27	0.11	0.04	0.37	0.13	0.47	-0.24	-0.08
ACT1FORCE_SIN		0.00	20.29	-3.04	-10.09	3.26	0.84	0.15	0.40	1.41	0.25	-0.45	-0.04	0.29	-0.35	-0.18	-0.14
FA1IBCURRENT_COS		-0.01	-0.01	-0.04	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		372.63	-2.74	16.75	-210.21	-14.41	7.34	-6.96	0.11	-0.12	-0.06	-0.04	0.04	0.04	0.10	-0.01	0.04
FA1IBVOLTAGE_SIN		0.00	-123.45	-168.43	66.37	-25.77	-8.67	3.75	-0.08	-0.19	0.09	-0.07	-0.06	0.06	0.01	-0.05	0.01
FA1OBCURRENT_COS		0.02	0.01	0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		433.19	2.76	-16.69	210.45	14.79	-6.71	6.82	-0.02	0.20	0.06	0.08	-0.04	-0.02	-0.10	0.01	-0.05
FA1OBVOLTAGE_SIN		0.00	123.60	168.83	-66.89	25.97	8.76	-4.09	0.03	0.21	-0.10	0.05	0.01	-0.05	-0.02	0.04	0.01
MRBLD1CB42P75_COS		-808.09	-1887.56	540.98	-110.97	-185.32	-31.50	-66.00	-36.27	6.06	-18.93	-14.91	8.97	-4.90	-9.98	5.49	1.99
MRBLD1CB42P75_SIN		0.00	1443.38	15.91	73.60	334.65	-124.00	-4.88	-62.19	8.62	32.43	-74.66	19.48	5.48	7.93	2.28	18.13

RUN	POINT	Harmonics															
55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4555.37	-1402.15	397.19	-186.12	-144.44	-58.53	-40.63	-35.53	4.38	-7.85	-24.56	8.80	-1.56	-5.46	0.72	12.33
MRBLD1CB70_SIN		0.00	1092.45	-80.09	129.97	517.70	-114.15	133.34	-20.56	7.75	30.77	-14.81	9.23	2.80	5.31	-1.96	27.22
MRBLD1CB120_COS		-207.58	-794.33	309.26	-67.17	1.27	-74.49	-23.39	-15.06	-0.74	0.02	6.63	-7.47	3.72	5.85	2.54	-1.10
MRBLD1CB120_SIN		0.00	787.40	-84.40	139.09	552.23	-41.14	219.16	-21.47	-24.74	-41.54	37.37	-5.53	3.59	-1.35	-1.48	5.30
MRBLD1CB164_COS		-1990.53	-262.59	66.32	8.66	23.36	-62.61	-17.84	13.39	-9.84	0.39	22.31	-4.97	1.96	3.17	-0.91	-7.80
MRBLD1CB164_SIN		0.00	291.27	-45.67	73.26	228.86	1.88	110.11	4.89	-29.21	-49.34	12.23	2.43	2.89	-0.41	5.86	-20.71
MRBLD1FB42P75_COS		2528.67	455.28	132.73	713.48	280.35	-48.72	-100.00	-232.33	-72.94	-107.71	-66.54	8.88	-4.48	0.52	6.52	35.95
MRBLD1FB42P75_SIN		0.00	-285.66	357.24	457.82	390.21	158.73	22.39	-165.53	8.16	-37.30	-138.98	18.53	2.61	-6.06	-31.03	14.10
MRBLD1FB70_COS		619.85	103.79	41.71	192.57	70.83	-13.44	-19.74	-28.77	-0.28	-0.40	0.41	2.12	1.25	0.45	-0.98	-6.21
MRBLD1FB70_SIN		0.00	-252.70	151.57	108.07	124.33	21.13	8.09	-24.01	6.90	6.56	3.82	0.72	1.25	1.21	5.15	-3.08
MRBLD1FB87_COS		65.51	117.37	-21.19	94.30	25.28	-14.72	-3.90	19.35	11.84	21.04	16.99	-1.02	2.52	0.61	-1.06	-7.31
MRBLD1FB87_SIN		0.00	-306.46	109.35	55.77	45.94	7.04	-1.33	13.10	-3.24	7.02	32.50	-3.66	1.23	2.99	8.70	-0.30
MRBLD1FB120_COS		-306.37	133.29	-117.07	82.28	-11.32	-23.81	-4.83	34.13	-6.56	-7.73	-10.12	-5.74	-6.79	-1.51	1.42	11.56
MRBLD1FB120_SIN		0.00	-430.73	104.89	120.87	2.97	22.47	1.35	40.88	-5.32	-8.71	-15.58	-1.85	-5.25	-6.71	-13.68	0.18
MRBLD1FB164_COS		53.03	144.32	-3.25	136.16	-66.09	46.99	34.72	-35.22	3.31	11.43	13.13	1.89	3.85	-1.99	-4.74	-7.34
MRBLD1FB164_SIN		0.00	-552.95	232.30	274.02	-30.94	-39.88	-26.44	-64.33	10.25	13.13	23.70	-3.43	1.52	3.50	6.72	-1.61

RUN	POINT	Harmonics															
55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-4.99	0.43	53.39	72.60	-41.15	50.34	20.01	-38.11	7.06	32.04	31.59	-12.74	-13.17	-7.66	2.46	14.06
MRBLD1FB180_SIN		0.00	-390.69	183.71	169.95	-27.95	-28.90	-14.76	-62.64	5.47	18.45	63.64	-13.35	-11.07	-10.22	-17.49	-1.32
MRBLD1TOR51_COS		-1482.55	215.10	90.20	80.35	-51.35	15.68	11.19	-32.21	-7.69	-1.45	-0.16	-0.40	-2.85	0.98	3.61	2.09
MRBLD1TOR51_SIN		0.00	-134.81	232.13	156.06	32.64	7.57	-32.66	-25.44	11.56	1.43	11.78	-3.20	-5.41	-6.86	-3.88	3.81
MRBLD1TOR71_COS		-310.59	236.81	53.61	65.16	-43.86	22.62	19.60	-22.37	-3.64	1.24	0.31	-1.99	-1.66	1.12	2.53	1.48
MRBLD1TOR71_SIN		0.00	-128.71	203.93	110.30	0.67	6.60	-28.72	-11.05	11.89	3.09	17.35	-5.24	-3.80	-4.05	-1.28	2.08
MRBLD1TOR130_COS		-53.14	213.71	57.27	44.50	-43.37	21.75	18.58	-16.69	-0.78	-2.88	6.83	-3.10	-0.72	-1.07	-1.73	-1.71
MRBLD1TOR130_SIN		0.00	-96.96	151.69	91.96	-11.48	-2.68	-20.22	-16.06	6.80	-3.94	-0.76	-0.04	2.76	4.01	3.32	-1.50
MRBLD1TOR164_COS		-272.63	120.83	42.83	14.44	-18.27	5.34	3.58	-8.13	3.08	3.02	1.41	-3.32	0.24	-1.13	-0.05	-0.06
MRBLD1TOR164_SIN		0.00	-24.65	73.53	15.07	6.21	0.95	-9.24	-5.14	1.03	-0.34	5.25	-4.54	0.37	2.71	0.53	-0.95
MRFBM1CB26P5_COS		-928.51	-1130.08	256.58	-27.83	-70.91	12.44	-2.38	1.92	-0.34	-3.23	6.46	-0.11	-0.38	0.20	2.66	-1.79
MRFBM1CB26P5_SIN		0.00	580.39	113.85	-60.92	-56.78	-15.05	-39.91	-16.74	-1.47	-3.55	-19.37	1.75	-0.34	-0.70	-0.28	-0.67
MRFBM1FB9_COS		657.73	9.48	-220.10	-104.78	-1.11	21.90	16.14	3.85	2.83	2.04	-2.07	0.82	0.44	0.07	-1.01	0.52
MRFBM1FB9_SIN		0.00	-60.47	-173.52	-188.55	-64.07	-6.17	7.71	15.42	2.34	2.49	4.09	-0.33	0.48	0.15	0.05	-1.37
MRFBM1TOR26P5_COS		-102.24	77.16	3.72	0.12	-2.20	0.26	0.22	-0.25	-0.16	0.16	-0.17	0.28	0.00	0.04	0.03	0.04
MRFBM1TOR26P5_SIN		0.00	-269.72	2.97	0.85	-0.77	0.49	-1.24	-0.23	0.22	0.19	0.10	0.16	-0.07	-0.17	-0.11	0.01

RUN	POINT	Harmonics															
55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		452.51	-1417.81	448.80	-47.02	-99.80	-33.99	-81.39	-34.74	11.65	-16.44	-8.20	9.47	-1.88	-6.54	7.48	-0.28
MRPC1CB33P25_SIN		0.00	1276.71	-8.02	38.28	194.50	-78.32	-26.11	-58.44	-9.56	-2.22	-70.89	12.62	2.71	4.84	0.09	17.96
MRPC1FB33P25_COS		1796.78	367.77	-13.56	530.96	153.88	-83.43	-87.89	-117.49	-54.05	-54.00	36.11	-2.18	-2.61	4.48	28.82	7.81
MRPC1FB33P25_SIN		0.00	-42.26	284.54	494.10	397.56	110.28	-11.07	-234.80	-37.20	-87.33	-142.43	19.13	-0.79	-1.59	-10.56	42.09
MRPC1TOR25P5_COS		-366.73	-155.44	-120.90	-50.91	53.56	-13.28	-13.34	30.54	9.23	3.40	8.27	-1.64	3.27	-1.98	-2.51	-3.11
MRPC1TOR25P5_SIN		0.00	-121.57	-241.26	-154.62	-7.33	-12.72	41.81	20.51	-16.66	-8.47	-19.94	4.40	10.18	13.43	9.45	-0.39
MRPLK1LOAD_COS		-6.21	-24.18	-15.96	-8.62	5.88	-0.82	-3.20	4.99	2.43	0.26	1.62	-1.35	0.37	-0.23	-0.58	-0.79
MRPLK1LOAD_SIN		0.00	-9.67	-32.87	-24.32	-1.15	-2.20	6.19	3.23	-2.51	-1.17	-1.86	-0.80	1.36	2.54	1.57	-0.15
PITCHRH_COS		7611.74	-9114.40	-387.61	108.34	-18.96	538.12	85.59	-79.97	65.89	-10.42	-8.93	103.03	-9.50	28.68	21.61	-178.60
PITCHRH_SIN		0.00	646.10	-699.27	-65.46	88.00	-521.19	82.75	137.29	65.57	-71.86	-233.76	76.61	-59.63	48.76	-12.50	107.93
ROLLRH_COS		3297.01	-671.97	769.18	-43.10	21.39	-1742.44	-89.18	-42.18	-70.68	160.61	219.70	-18.95	26.85	-4.19	31.46	105.04
ROLLRH_SIN		0.00	-9119.87	-450.87	128.81	392.87	2509.28	-203.85	-171.84	-153.38	-51.82	-21.54	50.61	-56.08	93.71	-68.96	244.04
TORQ_COS		107873.97	538.78	-7.79	124.62	85.65	-153.59	5.94	-4.02	-3.93	2.29	-6.46	-1.94	0.93	0.31	-6.40	-0.16
TORQ_SIN		0.00	1281.95	-53.97	92.35	-149.10	157.69	11.61	62.13	-0.32	-6.89	75.84	2.23	-5.37	7.90	-3.47	-0.11
THRUST_COS		5852.60	-250.08	5.48	27.59	-6.65	6.55	4.17	17.16	-2.46	-8.46	11.67	-6.62	-6.75	-2.14	7.72	-17.90
THRUST_SIN		0.00	-264.55	9.06	-11.93	27.47	-60.09	5.93	15.53	-2.80	10.44	65.36	-6.94	2.31	1.27	3.83	-19.16

RUN	POINT	Harmonics															
55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.96	35.70	-17.82	10.63	-18.44	-78.47	4.56	1.03	1.63	-6.98	-8.86	1.78	-1.50	-0.11	-0.98	-3.38
SIDERH_SIN		0.00	214.29	2.97	-1.57	-47.68	-233.95	0.01	2.45	3.44	2.63	-6.90	-0.92	1.91	-2.47	1.85	-7.20
DRAGRH_COS		-115.77	214.00	8.94	-1.22	19.82	379.51	-12.37	-5.01	-1.91	-1.31	-8.54	-3.22	-0.46	-1.62	-0.55	8.29
DRAGRH_SIN		0.00	-30.32	14.49	0.78	2.42	242.14	11.74	0.93	-3.86	3.40	10.40	-4.42	3.40	-2.38	1.54	-5.13

RUN	POINT	Harmonics															
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.50	-0.92	0.00	0.00	0.00	-0.04	-0.02	0.02	0.00	0.01	0.00	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.86	-0.33	0.00	0.00	0.00	0.04	0.07	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.10	0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.08	-2.97	-9.96	2.27	1.37	-0.85	0.41	-0.62	-1.08	0.23	0.35	0.26	0.09	-0.02	-0.57	-0.08
ACT1FORCE_SIN		0.00	20.92	-4.92	-11.04	3.37	0.64	0.25	0.93	1.70	-0.15	-0.54	0.26	-0.03	-0.32	-0.15	-0.13
FA1IBCURRENT_COS		-0.01	-0.01	-0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.90	3.49	-51.78	-214.88	-7.73	3.95	-5.77	0.04	-0.22	-0.09	-0.01	0.03	0.02	0.03	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-119.88	-117.96	61.71	-28.62	-4.96	1.25	-0.17	-0.13	0.06	-0.14	0.02	0.00	-0.04	-0.08	0.02
FA1OBCURRENT_COS		0.02	0.01	0.04	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.92	-3.50	51.83	215.32	8.24	-3.50	5.69	0.07	0.28	0.11	0.02	-0.04	-0.02	-0.03	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	119.99	118.18	-61.98	28.77	4.79	-1.61	0.11	0.12	-0.09	0.09	-0.05	0.00	0.03	0.08	-0.01
MRBLD1CB42P75_COS		-792.18	-2075.43	538.78	-129.66	-199.05	12.53	-66.66	30.39	8.76	-30.62	23.67	-10.52	-11.25	1.00	5.91	-7.35
MRBLD1CB42P75_SIN		0.00	1355.34	70.12	68.45	261.46	-140.26	-7.45	-71.24	32.26	29.27	-101.64	36.45	4.50	5.85	9.75	19.20

RUN	POINT	Harmonics															
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4576.66	-1532.94	391.14	-181.38	-186.26	-21.64	-65.62	6.68	8.31	-17.30	-20.43	-3.13	-5.89	4.45	4.43	0.69
MRBLD1CB70_SIN		0.00	1021.78	-28.66	84.86	419.23	-136.38	138.47	-36.50	25.66	31.49	-41.68	20.36	4.49	3.75	2.30	29.73
MRBLD1CB120_COS		-204.87	-859.49	311.64	-71.48	-59.00	-60.91	-66.07	9.17	14.05	7.01	-10.57	1.28	2.99	3.41	3.08	-2.34
MRBLD1CB120_SIN		0.00	753.39	-45.08	86.07	474.17	-60.46	222.24	-49.38	-16.57	-38.16	45.42	-14.22	5.59	-0.49	0.27	4.04
MRBLD1CB164_COS		-1990.02	-283.26	54.42	3.00	-4.62	-62.68	-39.54	1.84	2.11	11.19	22.68	-0.70	1.42	-2.46	-5.45	-0.38
MRBLD1CB164_SIN		0.00	280.26	-35.45	34.22	204.33	-8.82	101.83	-3.59	-33.93	-49.29	32.12	-5.05	2.90	-0.97	2.00	-20.74
MRBLD1FB42P75_COS		2507.66	499.02	164.47	546.75	216.86	-56.59	-102.81	-83.20	-40.24	-108.25	4.27	2.57	-9.92	9.30	29.25	25.69
MRBLD1FB42P75_SIN		0.00	-280.56	346.88	409.28	381.37	152.04	20.02	-306.52	8.80	-47.78	-194.38	35.64	0.06	-10.39	-19.89	27.70
MRBLD1FB70_COS		614.30	108.97	46.60	144.33	53.56	-12.70	-20.76	-3.85	2.53	-2.22	-1.26	2.05	1.28	-1.31	-5.08	-4.43
MRBLD1FB70_SIN		0.00	-253.74	147.22	81.50	118.14	19.03	8.02	-46.01	8.83	7.79	3.16	1.33	2.19	2.26	3.38	-5.38
MRBLD1FB87_COS		63.22	123.57	-26.51	69.43	20.66	-16.10	-4.41	5.03	7.65	21.23	0.72	0.42	3.80	-1.91	-6.36	-5.74
MRBLD1FB87_SIN		0.00	-302.88	102.17	31.86	46.78	7.07	-1.20	25.55	-3.14	10.20	46.73	-7.96	2.24	4.84	6.81	-3.00
MRBLD1FB120_COS		-302.93	144.08	-128.85	59.63	-0.77	-27.62	-4.24	-1.74	-12.39	-5.12	-1.88	-6.65	-5.87	2.85	8.97	8.94
MRBLD1FB120_SIN		0.00	-421.42	90.45	80.16	7.00	20.61	-4.81	71.29	-10.11	-12.86	-20.41	-0.83	-8.24	-10.18	-11.20	3.97
MRBLD1FB164_COS		50.22	147.97	48.19	100.27	-54.20	48.04	31.54	17.02	8.72	6.55	-0.14	4.75	4.92	-4.37	-9.22	-5.38
MRBLD1FB164_SIN		0.00	-563.97	205.01	271.33	-40.58	-31.49	-22.32	-102.22	15.76	19.06	32.55	-5.90	3.68	5.78	4.20	-4.39

RUN	POINT	Harmonics															
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-9.07	1.17	101.44	53.19	-36.91	52.85	17.81	5.69	7.76	28.59	0.39	-8.92	-10.38	-3.50	11.28	11.74
MRBLD1FB180_SIN		0.00	-402.31	163.99	183.12	-36.47	-22.31	-5.76	-95.46	9.00	26.35	92.02	-21.73	-14.03	-15.08	-14.25	3.69
MRBLD1TOR51_COS		-1495.15	210.03	168.07	41.92	-71.28	15.13	16.86	-2.10	-4.51	-1.55	-5.73	0.56	-2.49	1.92	4.95	-1.53
MRBLD1TOR51_SIN		0.00	-168.44	238.37	193.81	8.46	4.83	-17.32	-44.82	12.82	-1.37	12.96	-2.16	-5.42	-6.52	-0.77	2.69
MRBLD1TOR71_COS		-322.25	234.45	126.35	35.28	-59.73	20.89	24.74	-4.52	-1.75	1.82	-8.48	0.47	-1.16	1.32	2.47	-0.69
MRBLD1TOR71_SIN		0.00	-158.95	207.17	150.13	-17.22	5.30	-14.09	-26.20	11.76	0.42	19.50	-5.15	-3.07	-4.16	0.45	1.50
MRBLD1TOR130_COS		-63.73	210.67	131.30	24.54	-57.16	21.38	21.30	0.72	1.67	-2.07	9.08	-3.12	-1.31	-1.42	-3.46	-0.31
MRBLD1TOR130_SIN		0.00	-129.24	153.27	136.70	-24.72	-3.92	-9.48	-29.13	8.94	-6.96	1.07	0.97	3.31	3.16	1.88	-0.86
MRBLD1TOR164_COS		-279.22	118.34	90.81	8.86	-29.54	5.37	4.30	-4.52	4.09	3.91	-2.05	-1.99	1.40	-0.12	-0.51	1.88
MRBLD1TOR164_SIN		0.00	-48.62	76.83	48.61	-0.11	-0.57	-3.76	-11.66	0.76	0.18	6.86	-5.40	0.95	2.39	-0.06	0.08
MRFBM1CB26P5_COS		-907.00	-1248.64	257.98	-35.58	-52.21	20.62	3.96	9.25	-0.84	-3.13	16.95	-1.19	-0.15	0.00	2.24	-1.60
MRFBM1CB26P5_SIN		0.00	516.04	137.43	-33.60	-60.72	-13.99	-39.88	-12.77	0.95	-4.80	-16.83	2.43	-1.03	-0.39	1.36	-1.06
MRFBM1FB9_COS		629.71	91.56	-243.73	-68.79	5.78	21.24	15.17	-7.39	2.00	2.15	-4.93	1.58	0.20	-0.25	-0.75	0.95
MRFBM1FB9_SIN		0.00	-65.65	-180.80	-159.98	-57.03	-4.04	9.02	15.55	1.17	2.92	3.33	-0.28	0.76	-0.25	-0.75	-1.06
MRFBM1TOR26P5_COS		-101.99	82.08	4.37	-0.13	-2.33	0.16	0.61	0.07	-0.18	0.07	-0.23	0.19	-0.01	0.02	0.09	0.00
MRFBM1TOR26P5_SIN		0.00	-268.81	3.11	1.10	-1.57	0.51	-0.96	-0.28	0.16	0.32	0.05	0.18	-0.11	-0.11	-0.08	0.00

RUN	POINT	Harmonics															
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		448.89	-1559.51	447.59	-70.79	-103.18	-1.88	-76.62	18.59	19.74	-20.38	27.86	-1.57	-6.80	1.81	8.59	-8.86
MRPC1CB33P25_SIN		0.00	1224.95	31.35	55.40	161.87	-90.80	-38.68	-71.50	12.59	-3.48	-89.01	27.02	2.71	2.89	7.96	18.06
MRPC1FB33P25_COS		1779.72	401.73	11.60	402.58	103.01	-86.81	-90.82	56.63	-27.84	-49.64	120.56	-18.08	-4.79	13.99	33.10	-10.22
MRPC1FB33P25_SIN		0.00	-35.89	278.44	426.31	376.12	102.95	-14.21	-285.56	-20.09	-94.02	-141.42	28.56	-6.37	2.39	14.19	41.03
MRPC1TOR25P5_COS		-352.14	-147.67	-203.21	-12.74	72.60	-11.43	-21.14	3.87	7.26	5.08	18.82	-3.10	2.32	-2.37	-7.01	0.74
MRPC1TOR25P5_SIN		0.00	-85.47	-248.24	-197.63	15.90	-9.63	24.23	39.02	-15.94	-6.24	-20.25	4.32	11.24	11.84	6.28	1.48
MRPLK1LOAD_COS		-4.19	-23.42	-26.73	-3.11	8.59	-0.48	-4.59	0.80	2.09	0.67	2.79	-1.10	0.38	-0.30	-1.52	-0.04
MRPLK1LOAD_SIN		0.00	-5.17	-33.63	-30.13	2.21	-1.71	3.42	5.98	-2.14	-1.24	-1.75	-0.90	1.73	2.14	0.94	0.06
PITCHRH_COS		6056.03	-9159.74	-237.07	75.49	-53.69	923.21	81.04	-67.78	69.09	19.60	-56.65	64.09	17.08	23.76	5.42	-188.38
PITCHRH_SIN		0.00	505.28	-822.50	-117.44	94.05	-369.59	73.95	57.89	158.48	-102.47	-164.43	108.56	-40.32	27.11	25.21	64.20
ROLLRH_COS		3365.94	-498.37	907.47	-33.20	-53.62	-1928.27	-7.05	22.91	-35.99	142.04	171.28	-68.73	-18.24	-38.23	49.25	-2.76
ROLLRH_SIN		0.00	-9100.44	-294.57	164.56	370.07	2413.43	-193.36	-147.69	-71.41	-25.64	-5.27	55.09	-8.21	78.12	-52.38	268.33
TORQ_COS		108073.98	511.66	1.28	156.77	80.05	-223.67	3.37	-25.89	0.21	1.68	-40.44	-3.08	3.56	2.20	-2.70	0.74
TORQ_SIN		0.00	1303.91	-65.69	96.98	-123.23	159.99	8.10	35.42	-3.72	-6.17	72.53	0.41	-7.37	6.57	-5.34	-1.27
THRUST_COS		5772.42	-253.15	13.27	29.10	-7.97	6.65	-2.19	6.43	-1.89	-13.30	-8.67	-1.01	-1.40	-2.56	0.42	-10.94
THRUST_SIN		0.00	-271.98	3.00	-14.99	27.31	-66.06	10.75	14.54	-4.38	5.48	77.43	-7.46	-0.47	-6.19	8.42	-24.53

RUN	POINT	Harmonics															
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.91	29.94	-20.06	5.92	-8.04	-39.37	0.56	1.21	0.55	-5.99	-4.61	3.18	0.08	1.24	-1.29	-0.05
SIDERH_SIN		0.00	214.05	-2.25	-9.29	-41.04	-257.25	-2.54	2.63	1.52	1.83	-7.82	-1.01	0.14	-2.23	1.27	-8.01
DRAGRH_COS		-131.87	215.64	11.50	0.42	20.76	290.43	-19.93	-4.66	-2.68	-1.93	-6.13	-2.63	-2.00	-1.83	-1.38	8.97
DRAGRH_SIN		0.00	-25.82	20.55	-0.79	5.19	299.49	26.29	-0.89	-4.20	4.66	3.65	-5.82	1.57	-1.81	-0.07	-3.49

RUN	POINT	Harmonics															
55	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.86	-0.94	0.00	0.00	0.00	0.00	0.02	0.02	-0.01	0.01	0.00	-0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.47	-0.29	0.00	0.00	0.00	0.06	0.05	0.00	-0.03	0.00	0.00	0.01	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.05	0.03	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.28	-2.13	-12.43	0.73	2.32	-1.10	0.29	0.48	-0.39	0.37	0.06	0.33	0.13	-0.40	-0.51	-0.14
ACT1FORCE_SIN		0.00	20.99	-3.71	-12.20	3.22	1.17	-0.44	1.58	1.64	-0.19	-0.84	0.19	-0.11	0.24	0.19	0.18
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.35	7.76	-92.60	-205.63	-11.45	1.71	-2.57	0.00	-0.21	-0.11	0.04	-0.03	0.01	-0.05	-0.05	-0.06
FA1IBVOLTAGE_SIN		0.00	-125.50	-39.58	76.48	-24.52	-5.18	3.41	-0.14	0.09	0.11	-0.15	0.01	-0.03	-0.06	-0.07	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		431.45	-7.67	92.68	206.00	12.00	-1.55	2.43	0.09	0.24	0.08	-0.07	0.01	-0.02	0.05	0.05	0.05
FA1OBVOLTAGE_SIN		0.00	125.64	39.55	-77.11	24.46	4.88	-3.78	0.03	-0.11	-0.14	0.11	-0.02	0.03	0.04	0.07	0.01
MRBLD1CB42P75_COS		-796.62	-2315.67	521.79	-136.50	-225.12	14.53	-78.71	13.26	21.04	-24.94	-29.34	-11.89	-11.55	0.70	7.60	0.63
MRBLD1CB42P75_SIN		0.00	1368.82	62.66	68.75	289.09	-152.15	-2.09	-113.35	33.82	41.85	-126.60	46.62	3.54	-5.69	3.56	16.64

RUN	POINT	Harmonics															
55	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4571.94	-1692.57	373.10	-202.58	-246.88	-30.18	-46.19	-2.22	15.96	-9.94	-66.09	-4.63	-6.02	2.07	3.43	6.48
MRBLD1CB70_SIN		0.00	1017.00	-7.95	62.42	486.46	-104.37	159.05	-77.73	25.63	40.61	-50.08	24.70	4.54	-6.12	-3.55	24.78
MRBLD1CB120_COS		-213.38	-915.40	297.23	-99.63	-99.57	-79.23	-31.99	8.93	13.27	0.88	10.99	2.61	2.69	2.12	2.55	-2.16
MRBLD1CB120_SIN		0.00	733.07	-26.09	64.78	541.84	6.85	261.29	-91.62	-23.21	-43.05	51.61	-20.24	5.47	1.05	-1.38	3.60
MRBLD1CB164_COS		-1988.79	-293.35	38.10	-19.53	-12.24	-77.80	-25.19	8.24	-6.42	2.53	56.05	1.09	2.01	-2.59	-4.44	-5.30
MRBLD1CB164_SIN		0.00	267.29	-16.56	20.40	233.03	29.89	123.74	-8.46	-38.81	-58.40	33.08	-7.54	2.15	4.34	6.29	-16.46
MRBLD1FB42P75_COS		2500.48	544.91	192.43	429.83	337.67	-42.70	-109.88	-174.57	-33.86	-114.85	-45.28	8.78	-17.95	1.11	18.63	28.90
MRBLD1FB42P75_SIN		0.00	-292.52	291.57	420.09	337.79	145.54	41.76	-403.93	13.38	-26.67	-220.73	43.89	2.56	-15.05	-30.27	12.66
MRBLD1FB70_COS		618.37	97.99	53.55	102.75	87.17	-9.72	-21.53	-18.51	4.62	-0.56	-2.36	2.82	2.95	0.76	-2.82	-5.19
MRBLD1FB70_SIN		0.00	-246.38	126.48	81.30	111.02	17.88	12.93	-64.28	8.37	8.31	3.67	0.47	1.57	3.00	5.33	-2.43
MRBLD1FB87_COS		69.82	117.06	-22.32	42.79	38.09	-15.12	-3.69	13.23	5.99	22.54	13.33	-1.50	5.61	0.19	-4.13	-6.03
MRBLD1FB87_SIN		0.00	-293.63	91.57	28.36	42.88	8.42	-0.89	34.41	-4.09	5.62	51.68	-10.98	1.16	5.83	8.58	-0.69
MRBLD1FB120_COS		-295.18	133.12	-128.16	20.20	3.41	-29.58	-2.38	19.98	-15.56	-7.23	-5.28	-6.10	-8.87	-0.11	5.86	9.44
MRBLD1FB120_SIN		0.00	-405.43	88.93	69.45	2.79	25.73	-9.25	98.86	-7.64	-12.69	-19.97	2.34	-6.12	-10.86	-13.52	0.68
MRBLD1FB164_COS		54.10	113.16	90.16	83.64	-99.53	47.63	28.46	-13.19	11.46	8.80	7.34	3.06	7.28	-1.38	-8.42	-6.59
MRBLD1FB164_SIN		0.00	-548.60	134.26	282.43	-35.00	-26.41	-20.66	-140.59	14.26	17.52	34.72	-9.63	1.75	7.27	6.63	-3.24

RUN	POINT	Harmonics															
55	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.28	-22.81	136.57	58.21	-68.99	56.14	14.93	-21.96	7.41	30.04	26.53	-11.27	-12.05	-6.96	6.87	13.35
MRBLD1FB180_SIN		0.00	-393.09	102.82	192.92	-30.97	-21.44	-0.29	-130.86	8.76	17.67	100.85	-24.05	-10.35	-12.26	-16.65	0.88
MRBLD1TOR51_COS		-1499.87	178.22	239.75	52.97	-88.34	19.80	7.85	-8.15	-2.80	-0.33	-4.15	2.16	-3.19	0.13	4.56	-2.27
MRBLD1TOR51_SIN		0.00	-192.94	176.69	234.04	9.10	3.56	-17.20	-67.48	9.73	-3.02	13.53	-2.62	-4.47	-5.01	-0.81	4.42
MRBLD1TOR71_COS		-325.66	207.68	193.05	50.85	-78.27	24.65	17.41	-8.48	-0.35	3.83	-4.10	1.95	-1.11	0.18	2.39	-0.97
MRBLD1TOR71_SIN		0.00	-181.96	149.91	188.92	-16.87	3.17	-15.79	-40.99	7.91	-1.85	22.19	-6.01	-2.37	-3.01	0.50	3.04
MRBLD1TOR130_COS		-67.81	183.88	194.67	47.45	-78.79	23.06	15.31	-4.10	3.47	-1.27	10.08	-2.07	-0.02	-0.39	-2.79	0.91
MRBLD1TOR130_SIN		0.00	-153.70	97.39	174.46	-22.52	-7.05	-10.39	-43.37	6.04	-7.15	-2.30	1.66	2.74	1.98	1.33	-1.20
MRBLD1TOR164_COS		-282.48	102.00	131.53	30.21	-35.23	5.96	1.38	-7.49	3.40	5.69	-0.41	-2.53	1.74	0.86	-0.93	3.48
MRBLD1TOR164_SIN		0.00	-68.64	43.74	73.15	4.28	-3.60	-3.54	-15.97	-1.39	-1.04	8.76	-5.21	-0.12	0.72	-1.68	-1.78
MRFBM1CB26P5_COS		-898.42	-1421.39	263.31	-20.07	-55.45	27.30	-3.82	5.86	0.51	-4.34	17.60	-1.10	-0.71	0.41	2.80	-0.84
MRFBM1CB26P5_SIN		0.00	507.73	125.68	-14.05	-79.58	-25.55	-44.23	-14.17	2.04	-4.41	-21.98	3.45	-1.71	-0.32	0.96	-0.80
MRFBM1FB9_COS		605.93	229.87	-261.96	-41.50	-8.14	20.47	18.75	-8.09	2.14	2.78	-4.24	1.90	0.40	-0.35	-1.01	0.42
MRFBM1FB9_SIN		0.00	-119.28	-146.24	-151.63	-59.47	-6.27	7.44	22.77	0.77	2.36	5.55	-0.46	1.01	0.14	-0.28	-1.10
MRFBM1TOR26P5_COS		-101.56	78.18	5.23	-0.19	-3.03	0.49	0.43	0.05	-0.15	0.00	-0.28	0.20	-0.05	0.00	0.07	-0.06
MRFBM1TOR26P5_SIN		0.00	-270.04	2.47	1.41	-1.67	0.60	-1.01	-0.36	0.21	0.30	0.10	0.15	-0.07	-0.04	-0.04	0.01

RUN	POINT	Harmonics															
55	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		444.69	-1718.68	422.41	-66.37	-94.01	-3.86	-95.63	1.97	31.86	-20.02	-5.22	1.35	-8.04	1.94	10.54	-1.24
MRPC1CB33P25_SIN		0.00	1253.07	15.78	62.64	163.68	-112.23	-32.87	-99.23	10.52	4.49	-107.01	33.92	2.18	-5.96	2.30	15.84
MRPC1FB33P25_COS		1770.71	446.36	37.97	302.74	212.16	-74.48	-102.64	23.42	-25.18	-65.55	98.27	-18.76	-11.96	12.68	35.63	4.99
MRPC1FB33P25_SIN		0.00	-43.10	242.58	412.00	367.48	100.99	0.49	-397.95	-14.91	-81.97	-190.12	37.26	-10.92	-7.87	-0.77	36.16
MRPC1TOR25P5_COS		-346.33	-121.50	-279.18	-29.55	95.19	-17.26	-11.59	9.65	5.92	4.12	16.12	-4.88	4.15	0.42	-5.70	5.05
MRPC1TOR25P5_SIN		0.00	-61.02	-182.20	-243.56	16.79	-8.72	23.48	58.87	-13.04	-4.00	-24.81	5.44	8.98	7.45	3.98	-1.61
MRPLK1LOAD_COS		-3.38	-20.15	-36.64	-5.24	11.69	-1.56	-3.26	1.80	1.83	0.78	2.80	-1.38	0.79	0.21	-1.34	0.73
MRPLK1LOAD_SIN		0.00	-2.06	-24.80	-36.26	2.56	-1.63	3.39	8.83	-1.97	-1.02	-2.37	-0.56	1.29	1.20	0.48	-0.35
PITCHRH_COS		3780.09	-9103.83	-189.07	46.76	-48.92	1485.35	195.97	-80.26	75.15	7.93	-116.61	68.87	-5.70	37.39	49.00	-157.54
PITCHRH_SIN		0.00	629.60	-908.39	-100.46	103.00	-987.96	-17.00	75.10	56.59	-67.04	-158.98	133.41	-45.12	2.42	40.15	108.16
ROLLRH_COS		4299.64	-634.24	994.52	13.63	-33.22	-1515.53	21.52	-51.13	1.72	117.98	146.98	-87.00	-48.28	-20.68	34.20	-25.93
ROLLRH_SIN		0.00	-9125.16	-296.00	128.19	381.25	3133.19	-25.92	-186.55	-22.22	-50.94	-6.20	60.13	-6.52	53.36	-61.70	261.64
TORQ_COS		108268.22	507.59	-0.89	173.11	109.05	-256.45	-1.93	-7.59	-0.76	1.19	-39.42	-3.65	2.30	-0.65	-6.25	-2.29
TORQ_SIN		0.00	1305.56	-71.82	32.03	-101.88	236.70	4.03	33.50	-2.26	-4.53	86.72	-2.85	-7.48	7.19	-6.78	-2.80
THRUST_COS		5701.42	-248.89	18.33	22.23	-8.96	-13.01	-0.51	8.55	-0.98	-10.12	8.27	-1.20	-1.27	-0.96	-2.92	-16.83
THRUST_SIN		0.00	-270.67	-4.59	-24.85	28.08	-59.53	4.51	8.61	-3.70	4.66	89.37	-6.54	-4.91	-3.97	13.04	-18.29

RUN	POINT	Harmonics															
55	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-130.61	33.29	-26.00	6.90	-15.88	-109.16	3.63	2.01	-1.30	-4.43	-4.87	4.36	1.07	0.77	-0.77	0.52
SIDERH_SIN		0.00	217.13	0.97	-5.30	-44.61	-296.25	-14.36	4.19	1.71	2.77	-9.15	-1.12	-0.28	-1.45	1.78	-7.95
DRAGRH_COS		-155.05	214.65	10.41	-2.78	21.98	370.31	-44.00	-1.56	0.07	-1.97	-5.39	-1.81	0.01	-0.91	-3.04	7.23
DRAGRH_SIN		0.00	-28.62	18.53	1.02	5.87	331.02	22.39	1.83	-0.99	5.11	6.26	-6.39	1.89	-0.37	-0.17	-6.03

RUN	POINT	Harmonics															
55	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.99	-0.94	0.00	0.00	0.00	0.01	0.04	0.01	-0.01	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.02	-0.30	0.00	0.01	0.00	0.06	0.03	0.00	-0.03	0.00	0.00	0.01	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.11	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.51	-1.18	-15.74	0.28	3.02	-1.41	0.18	0.80	0.38	0.16	0.37	-0.21	0.56	-0.27	-0.40	0.03
ACT1FORCE_SIN		0.00	21.41	-2.40	-13.49	2.57	2.11	-1.42	1.48	1.14	-0.13	-0.95	-0.03	0.15	0.40	0.36	0.32
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.37	-1.28	-80.44	-200.36	-15.43	-0.32	-1.05	-0.10	-0.08	-0.07	0.03	-0.06	-0.01	-0.02	-0.07	-0.11
FA1IBVOLTAGE_SIN		0.00	-137.75	49.81	81.71	-14.94	-11.19	10.33	-0.15	0.25	0.15	-0.09	-0.03	0.11	-0.02	0.04	0.06
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		426.41	1.40	80.37	200.85	15.83	0.16	0.83	0.15	0.10	-0.01	-0.06	0.03	0.00	0.00	0.07	0.10
FA1OBVOLTAGE_SIN		0.00	138.00	-49.92	-82.25	14.82	11.00	-10.72	0.01	-0.25	-0.14	0.07	0.05	-0.11	0.00	-0.04	-0.06
MRBLD1CB42P75_COS		-781.07	-2394.14	545.41	-147.33	-256.75	42.73	-69.12	1.27	29.66	-22.31	-22.36	-5.43	-17.62	1.42	12.46	-5.01
MRBLD1CB42P75_SIN		0.00	1475.90	96.41	62.20	268.00	-167.88	11.17	-103.28	27.06	51.63	-121.81	59.56	7.16	-10.73	8.96	15.13

RUN	POINT	Harmonics															
55	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4589.60	-1760.58	380.36	-210.91	-316.54	15.89	-37.48	-19.78	21.16	-5.92	-64.27	0.31	-8.51	4.39	9.22	-1.60
MRBLD1CB70_SIN		0.00	1084.20	25.66	12.42	471.86	-117.29	196.47	-64.44	20.62	50.67	-42.81	34.60	8.71	-7.90	1.66	26.01
MRBLD1CB120_COS		-198.96	-952.62	294.98	-118.03	-152.68	-34.01	-39.27	-10.02	19.88	1.71	7.42	0.65	6.71	3.38	1.64	-1.88
MRBLD1CB120_SIN		0.00	762.98	-14.52	15.31	536.38	1.68	313.12	-85.77	-20.18	-38.21	47.03	-27.07	5.82	3.93	-0.48	3.92
MRBLD1CB164_COS		-1982.36	-300.35	27.59	-40.01	-27.02	-65.17	-34.62	4.16	-2.74	-0.60	56.35	-2.91	3.38	-4.52	-6.25	0.36
MRBLD1CB164_SIN		0.00	269.81	-1.79	-7.71	235.91	34.42	145.93	-12.11	-32.62	-58.56	25.62	-14.28	0.02	5.43	2.77	-16.61
MRBLD1FB42P75_COS		2483.24	559.67	244.90	241.40	413.49	-19.59	-113.21	-190.97	-8.37	-108.44	-40.83	10.43	-20.17	0.02	31.12	22.69
MRBLD1FB42P75_SIN		0.00	-327.74	258.99	434.92	314.31	123.25	52.51	-389.81	-5.52	-14.00	-238.32	46.07	8.42	-19.22	-25.47	18.86
MRBLD1FB70_COS		612.51	100.71	67.99	39.53	108.81	-3.24	-21.63	-22.08	7.09	-0.29	-2.97	2.57	3.15	0.63	-5.45	-3.89
MRBLD1FB70_SIN		0.00	-250.85	121.09	75.43	105.64	12.30	16.55	-59.77	6.65	10.27	4.34	0.62	1.64	3.98	4.27	-3.73
MRBLD1FB87_COS		66.92	122.32	-16.89	4.69	50.98	-14.56	-3.36	14.32	2.21	20.76	11.67	-2.65	6.12	0.41	-7.09	-5.03
MRBLD1FB87_SIN		0.00	-297.31	91.08	18.00	40.60	7.65	-1.10	34.20	-1.05	3.50	55.14	-11.79	-0.37	6.90	7.87	-2.00
MRBLD1FB120_COS		-300.07	142.74	-119.50	-26.73	7.97	-34.60	-3.19	25.47	-18.95	-7.14	-3.40	-4.48	-9.22	-0.27	10.80	7.96
MRBLD1FB120_SIN		0.00	-410.71	97.84	50.81	-1.69	30.94	-14.04	92.15	-4.64	-15.71	-21.56	2.81	-4.92	-11.93	-12.24	2.53
MRBLD1FB164_COS		45.64	97.83	134.71	59.88	-138.48	40.63	32.50	-18.18	15.18	8.50	3.52	1.98	8.07	-1.08	-10.30	-6.40
MRBLD1FB164_SIN		0.00	-553.78	74.59	287.42	-40.41	-25.95	-20.61	-131.65	12.91	21.04	38.28	-11.06	0.25	7.84	6.25	-4.16

RUN	POINT	Harmonics															
55	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.72	-36.15	166.29	61.24	-95.55	53.54	18.94	-27.16	8.55	26.93	22.06	-10.91	-10.17	-5.69	11.84	11.64
MRBLD1FB180_SIN		0.00	-393.91	44.92	200.33	-32.58	-22.35	1.67	-119.96	11.01	17.57	107.11	-26.56	-12.58	-14.25	-16.00	2.35
MRBLD1TOR51_COS		-1505.11	149.80	289.96	56.15	-106.57	33.35	-2.84	-10.83	0.50	-0.25	-5.48	1.69	-1.46	0.97	5.96	-3.42
MRBLD1TOR51_SIN		0.00	-206.31	110.94	267.29	4.43	1.45	-17.48	-62.90	6.35	-1.65	13.70	-3.40	-4.57	-4.35	0.90	5.57
MRBLD1TOR71_COS		-330.35	182.11	237.45	61.26	-96.15	34.65	7.62	-9.49	1.20	4.43	-5.78	1.59	1.24	0.75	3.25	-0.96
MRBLD1TOR71_SIN		0.00	-196.12	87.28	222.03	-19.65	1.94	-17.30	-37.49	5.24	-1.62	22.51	-7.22	-3.45	-2.90	1.12	3.79
MRBLD1TOR130_COS		-72.00	156.58	235.18	69.65	-99.25	30.14	7.77	-6.06	6.02	-0.45	10.33	-2.24	0.60	-0.79	-3.31	2.12
MRBLD1TOR130_SIN		0.00	-167.89	33.32	208.05	-22.93	-8.78	-10.79	-41.31	4.50	-5.71	-2.40	2.05	1.30	0.60	0.33	-1.72
MRBLD1TOR164_COS		-284.42	82.41	153.41	53.45	-42.26	11.01	-2.99	-8.95	2.77	6.82	-0.35	-2.64	2.11	0.92	-1.41	3.81
MRBLD1TOR164_SIN		0.00	-79.07	1.04	95.82	7.99	-4.93	-2.49	-15.02	-1.48	-1.53	9.97	-4.79	-1.66	-0.29	-1.87	-2.98
MRFBM1CB26P5_COS		-894.08	-1506.90	278.71	-9.59	-52.56	26.54	-2.63	8.49	1.86	-4.55	19.33	-0.74	-1.08	0.40	2.56	-0.24
MRFBM1CB26P5_SIN		0.00	568.69	139.46	11.30	-95.94	-26.33	-48.81	-15.02	2.15	-4.10	-23.34	3.61	-1.83	-0.75	1.45	-1.38
MRFBM1FB9_COS		589.50	268.61	-300.52	3.79	-15.53	16.33	20.15	-6.34	0.76	2.93	-4.82	1.94	0.62	-0.56	-0.96	0.60
MRFBM1FB9_SIN		0.00	-186.00	-137.42	-137.78	-58.09	-4.87	6.91	22.85	0.20	1.61	5.34	-0.81	1.04	0.19	-0.77	-0.88
MRFBM1TOR26P5_COS		-101.45	77.94	5.85	-0.41	-3.65	0.80	0.42	0.00	-0.16	-0.11	-0.32	0.18	-0.09	0.01	0.09	-0.09
MRFBM1TOR26P5_SIN		0.00	-270.40	1.88	1.74	-2.12	0.58	-1.09	-0.22	0.13	0.30	0.09	0.12	0.01	0.03	-0.01	0.04

RUN	POINT	Harmonics															
55	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		448.95	-1744.20	441.50	-72.45	-90.49	6.55	-93.82	-4.54	40.47	-18.21	0.64	7.17	-11.50	2.98	14.17	-6.44
MRPC1CB33P25_SIN		0.00	1341.70	36.54	80.65	150.24	-123.04	-30.23	-93.88	4.94	11.19	-108.30	41.09	6.08	-10.40	7.19	13.85
MRPC1FB33P25_COS		1756.14	460.34	85.20	144.94	278.69	-49.44	-107.86	3.99	3.72	-67.03	110.92	-18.72	-17.74	14.49	39.39	-4.57
MRPC1FB33P25_SIN		0.00	-69.98	224.99	391.31	365.50	89.92	8.74	-393.67	-17.69	-68.37	-199.26	41.34	-8.47	-12.19	12.60	33.84
MRPC1TOR25P5_COS		-341.75	-92.16	-331.37	-37.86	116.44	-31.83	-0.29	12.03	3.47	5.84	19.15	-4.41	2.50	-0.62	-7.49	6.84
MRPC1TOR25P5_SIN		0.00	-45.90	-111.10	-281.59	22.77	-6.48	24.66	53.21	-8.64	-4.52	-24.11	7.91	7.37	4.59	2.28	-3.56
MRPLK1LOAD_COS		-2.57	-16.61	-43.42	-5.92	14.67	-3.85	-1.86	2.22	1.52	1.31	3.29	-1.20	0.90	0.08	-1.69	1.25
MRPLK1LOAD_SIN		0.00	-0.05	-15.34	-41.57	3.61	-1.22	3.44	7.87	-1.18	-1.16	-2.16	-0.14	0.64	0.54	0.14	-0.75
PITCHRH_COS		3050.64	-9172.62	-155.06	34.92	-73.04	2103.44	154.78	-91.40	96.33	21.73	-132.50	72.72	-2.74	38.31	78.75	-153.28
PITCHRH_SIN		0.00	649.14	-1045.17	-79.69	98.82	-1465.10	-4.49	55.56	27.23	-28.97	-150.44	153.29	-31.82	14.99	65.30	55.85
ROLLRH_COS		5616.37	-629.79	1121.42	-3.14	-97.14	-1294.88	118.82	-22.02	1.64	117.01	171.92	-83.87	-69.94	-26.60	22.56	-49.15
ROLLRH_SIN		0.00	-9124.81	-245.92	103.99	394.52	3593.74	-124.30	-130.13	62.62	-40.09	24.22	75.65	-37.71	30.00	-41.61	308.02
TORQ_COS		108390.68	531.73	-9.57	169.90	123.31	-293.10	-2.10	-25.37	-2.18	1.39	-43.00	-7.57	1.46	-0.19	-5.24	-4.10
TORQ_SIN		0.00	1339.07	-85.97	21.50	-76.56	282.57	3.40	22.58	-1.60	-4.92	91.74	-1.93	-6.96	7.82	-7.49	-2.69
THRUST_COS		5654.44	-255.72	19.88	21.16	-10.48	-34.95	-4.29	2.89	-0.21	-6.82	9.43	-2.07	1.26	2.45	-5.51	-11.19
THRUST_SIN		0.00	-272.88	-12.86	-23.24	27.33	-51.06	6.77	9.42	0.14	1.77	103.60	1.75	-9.80	-2.85	11.59	-23.20

RUN	POINT	Harmonics															
55	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-121.19	32.14	-30.06	5.31	-17.75	-140.38	-7.30	3.72	-1.07	-4.10	-5.96	4.71	1.97	0.91	-0.33	1.09
SIDERH_SIN		0.00	214.91	-0.74	-8.94	-52.76	-332.44	-7.20	2.28	0.00	2.48	-11.75	-2.08	0.27	-0.83	1.28	-9.54
DRAGRH_COS		-162.05	217.60	15.08	0.96	21.78	396.40	-22.46	-6.91	-3.18	-4.34	-8.93	-2.93	0.23	-1.37	-5.23	7.76
DRAGRH_SIN		0.00	-26.19	21.09	1.95	9.23	414.62	43.82	-2.71	-1.07	3.17	4.59	-8.21	1.60	-1.46	-1.10	-4.02

RUN	POINT	Harmonics															
55	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.81	-0.96	-0.01	0.00	0.00	0.01	0.03	0.01	0.00	-0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.55	-0.23	0.00	0.00	0.00	0.02	0.00	-0.01	-0.03	0.00	-0.01	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.06	0.28	-16.79	-2.19	3.08	-1.49	0.11	0.99	0.71	0.06	0.45	-0.42	0.13	0.70	-0.19	0.09
ACT1FORCE_SIN		0.00	21.09	1.38	-13.29	0.62	3.07	-1.75	0.33	0.56	-0.18	-0.82	0.01	-0.01	0.34	0.29	0.20
FA1IBCURRENT_COS		-0.01	-0.02	0.03	0.02	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		391.19	-19.74	-26.01	-184.68	-15.90	2.36	-5.65	0.07	0.05	-0.02	0.07	0.01	0.00	0.06	0.04	-0.04
FA1IBVOLTAGE_SIN		0.00	-141.62	117.46	96.10	3.60	-21.56	16.73	-0.20	0.27	0.20	-0.01	-0.04	0.12	0.07	0.01	0.08
FA1OBCURRENT_COS		0.02	0.01	-0.03	-0.02	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.02	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		414.60	19.91	25.75	185.07	16.26	-2.75	5.33	-0.04	-0.01	-0.09	-0.07	0.01	-0.01	-0.07	-0.03	0.04
FA1OBVOLTAGE_SIN		0.00	141.97	-117.65	-96.76	-3.70	21.64	-17.04	0.03	-0.22	-0.18	0.01	0.06	-0.09	-0.08	-0.01	-0.06
MRBLD1CB42P75_COS		-779.61	-2303.05	592.37	-141.93	-269.09	-4.99	-61.93	-23.95	27.54	-1.98	-60.93	37.57	-6.05	-7.14	13.24	-0.75
MRBLD1CB42P75_SIN		0.00	1830.62	59.93	80.73	314.62	-188.11	6.20	-80.86	5.95	58.78	-96.42	49.53	17.18	-4.73	5.95	17.61

RUN	POINT	Harmonics															
55	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4583.74	-1718.57	439.09	-254.54	-341.47	-13.44	-3.58	-40.50	19.17	11.17	-71.64	25.42	0.05	-2.54	8.53	6.62
MRBLD1CB70_SIN		0.00	1330.70	22.77	21.04	567.60	-87.87	178.04	-48.57	3.79	53.55	-18.12	27.38	11.38	-5.13	0.30	25.47
MRBLD1CB120_COS		-209.07	-936.55	349.83	-169.32	-172.76	-30.50	12.60	-37.42	19.63	-8.85	20.76	-21.94	4.25	5.89	1.39	-1.50
MRBLD1CB120_SIN		0.00	871.46	-12.24	26.77	611.40	70.15	307.11	-87.57	-25.75	-43.36	41.02	-21.37	-0.07	-0.13	-0.86	3.09
MRBLD1CB164_COS		-1990.63	-296.25	52.21	-77.53	-30.30	-55.59	-13.33	-1.20	-2.95	-17.64	54.41	-18.42	-1.08	-0.41	-6.03	-5.50
MRBLD1CB164_SIN		0.00	299.74	21.26	1.29	257.21	79.35	150.63	-22.36	-27.59	-61.88	8.23	-9.58	-2.16	4.74	2.75	-15.91
MRBLD1FB42P75_COS		2484.48	525.46	216.20	209.42	419.47	-42.73	-82.70	-273.11	-10.14	-101.33	-102.90	31.43	-5.61	-6.07	23.66	26.57
MRBLD1FB42P75_SIN		0.00	-405.31	167.73	582.20	197.55	84.45	64.76	-312.17	-16.52	2.82	-178.94	23.78	19.81	-12.30	-30.97	11.94
MRBLD1FB70_COS		614.90	92.44	58.03	17.01	110.76	-11.54	-15.07	-34.28	7.48	2.63	-1.53	1.72	2.25	1.81	-4.47	-4.68
MRBLD1FB70_SIN		0.00	-247.66	92.97	123.67	75.01	4.58	16.51	-47.97	3.85	9.41	5.60	0.25	0.04	2.72	5.36	-2.38
MRBLD1FB87_COS		68.42	113.50	-25.60	-17.50	53.08	-15.14	-4.13	22.56	2.51	19.49	26.10	-8.42	2.58	2.50	-4.51	-5.33
MRBLD1FB87_SIN		0.00	-296.07	80.13	46.11	24.05	8.82	-1.84	27.88	1.20	-0.03	40.92	-5.28	-3.24	4.64	8.97	-0.81
MRBLD1FB120_COS		-294.85	135.62	-133.66	-64.53	7.09	-24.75	-10.22	45.23	-18.58	-10.87	-11.11	-1.29	-7.06	-4.68	6.93	7.89
MRBLD1FB120_SIN		0.00	-405.19	99.44	85.69	-9.57	40.44	-13.36	75.52	2.20	-12.26	-17.68	0.98	-1.14	-8.72	-13.54	-0.14
MRBLD1FB164_COS		63.96	67.86	80.73	79.38	-149.44	45.89	35.09	-47.44	17.96	13.65	15.35	-3.96	5.25	2.46	-7.70	-7.23
MRBLD1FB164_SIN		0.00	-531.61	-20.57	322.38	17.36	-21.92	-20.88	-111.80	6.87	16.11	30.99	-7.08	-3.82	6.08	8.58	-2.44

RUN	POINT	Harmonics															
55	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-0.86	-60.00	122.26	89.83	-98.76	53.71	23.57	-49.49	13.37	26.57	48.75	-23.55	-14.69	-8.88	7.26	11.40
MRBLD1FB180_SIN		0.00	-375.25	-37.65	207.53	7.58	-20.33	-0.55	-101.55	11.96	14.13	77.93	-14.48	-10.48	-10.96	-17.04	-0.72
MRBLD1TOR51_COS		-1502.53	116.46	283.02	113.78	-121.06	32.14	-6.41	-31.67	1.17	0.88	1.00	-1.55	-3.70	1.12	5.57	0.15
MRBLD1TOR51_SIN		0.00	-192.24	2.96	284.92	28.98	-3.47	-11.44	-56.50	1.15	-2.13	11.76	-2.63	-5.74	-5.46	-1.09	5.40
MRBLD1TOR71_COS		-327.62	149.25	228.28	117.79	-109.12	34.86	2.83	-23.72	1.36	4.69	2.97	-3.00	-0.91	1.13	3.12	0.93
MRBLD1TOR71_SIN		0.00	-188.11	-10.54	232.47	4.74	-1.67	-12.50	-33.02	1.27	-2.90	18.93	-4.92	-5.62	-3.69	0.15	3.17
MRBLD1TOR130_COS		-68.54	123.16	222.12	129.20	-109.00	29.36	4.14	-20.03	6.06	-0.27	7.10	0.83	0.85	-1.14	-3.01	0.09
MRBLD1TOR130_SIN		0.00	-159.77	-60.62	208.83	5.13	-11.12	-6.65	-35.55	-0.23	-5.71	-5.63	4.48	0.95	0.97	1.37	-2.07
MRBLD1TOR164_COS		-284.95	59.47	147.98	94.49	-42.06	8.62	-2.94	-13.25	0.96	5.86	1.59	-2.54	1.48	-0.77	-1.52	0.74
MRBLD1TOR164_SIN		0.00	-75.14	-55.33	87.58	18.90	-8.27	-0.55	-9.52	-2.06	-2.80	7.35	-2.25	-1.87	-0.59	-0.78	-3.34
MRFBM1CB26P5_COS		-902.11	-1518.62	295.84	25.45	-66.54	21.40	-8.13	5.33	2.43	-4.93	9.41	1.53	-1.68	-0.14	2.69	-1.11
MRFBM1CB26P5_SIN		0.00	795.36	120.14	5.16	-102.58	-45.54	-47.62	-13.40	0.54	-2.91	-25.17	3.10	-0.35	-0.83	0.61	-1.13
MRFBM1FB9_COS		609.60	227.67	-295.70	25.57	-19.87	16.46	20.00	-0.13	0.48	2.84	-1.94	0.75	1.13	-0.17	-0.99	0.48
MRFBM1FB9_SIN		0.00	-314.54	-68.99	-170.00	-47.85	-2.54	4.17	22.59	0.51	0.91	6.11	-1.57	0.30	0.36	-0.50	-1.01
MRFBM1TOR26P5_COS		-101.41	71.97	5.79	-0.03	-4.34	0.93	0.30	-0.01	-0.12	-0.06	-0.15	0.08	-0.09	0.05	0.08	-0.03
MRFBM1TOR26P5_SIN		0.00	-271.92	0.62	2.09	-1.54	0.35	-1.11	-0.29	0.19	0.30	0.21	-0.04	0.04	0.00	-0.05	0.06

RUN	POINT	Harmonics															
55	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		458.70	-1613.06	467.76	-40.42	-80.79	-33.07	-96.31	-22.99	34.17	-9.67	-34.50	32.76	-1.93	-4.15	15.04	-2.17
MRPC1CB33P25_SIN		0.00	1600.03	-2.00	98.96	153.64	-143.22	-20.75	-76.44	-13.48	15.10	-90.55	28.69	13.91	-6.44	3.00	16.40
MRPC1FB33P25_COS		1753.23	439.81	75.68	89.74	309.76	-57.54	-86.58	-92.62	4.91	-71.57	30.71	11.53	-14.99	5.41	40.24	5.29
MRPC1FB33P25_SIN		0.00	-136.92	153.82	505.15	270.84	53.10	28.15	-364.54	-28.95	-53.71	-192.37	37.85	8.67	-12.70	2.60	33.24
MRPC1TOR25P5_COS		-344.93	-62.58	-323.19	-104.25	134.06	-31.67	4.97	29.84	1.80	3.81	6.30	4.49	6.36	-2.03	-5.86	1.48
MRPC1TOR25P5_SIN		0.00	-58.79	2.04	-298.69	-6.44	-2.67	17.68	48.17	-5.27	-5.05	-24.52	9.70	8.71	6.44	4.91	-4.11
MRPLK1LOAD_COS		-3.26	-12.92	-42.23	-14.95	17.36	-3.89	-1.23	4.63	1.19	0.98	1.45	0.08	1.25	-0.27	-1.54	0.12
MRPLK1LOAD_SIN		0.00	-1.55	-0.45	-44.09	-0.07	-0.46	2.75	7.14	-0.97	-1.33	-2.79	0.78	0.57	0.83	0.73	-0.89
PITCHRH_COS		3745.20	-9127.76	-256.88	33.44	-38.91	2003.75	267.66	-99.53	133.37	34.34	-121.11	107.87	-27.61	81.41	83.35	-129.49
PITCHRH_SIN		0.00	776.75	-1152.75	-53.42	129.76	-2380.22	-178.77	93.30	71.23	-4.76	-147.30	141.11	-48.61	21.77	5.33	160.13
ROLLRH_COS		8092.33	-845.11	1161.57	-18.08	-32.45	-511.30	151.11	-75.05	68.54	115.30	256.15	-39.42	-57.43	-31.94	-30.81	46.49
ROLLRH_SIN		0.00	-9120.16	-358.36	85.73	475.89	3563.92	-44.94	-158.84	-72.52	-71.72	31.45	80.41	-34.00	1.37	-18.32	325.69
TORQ_COS		108443.12	580.49	-18.30	132.43	137.30	-197.00	-3.42	-30.91	2.59	-0.01	-10.75	-7.94	-1.31	1.71	-6.58	-5.55
TORQ_SIN		0.00	1325.69	-91.06	3.53	-96.76	378.89	7.67	20.10	4.58	-4.16	89.22	3.99	-4.90	8.03	-4.53	-0.81
THRUST_COS		5709.54	-253.90	16.45	14.08	-8.08	-28.58	-3.71	-2.48	-2.92	-3.87	35.35	2.61	-0.92	2.70	-1.72	-12.81
THRUST_SIN		0.00	-267.48	-21.18	-16.43	31.67	-21.36	3.55	10.57	-2.42	2.98	86.85	10.40	-5.23	-1.63	9.85	-16.61

RUN	POINT	Harmonics															
55	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-107.97	36.33	-30.26	0.57	-28.31	-203.78	-7.95	4.15	-1.90	-3.95	-13.19	2.86	1.03	1.15	1.12	-2.05
SIDERH_SIN		0.00	213.77	2.22	-11.73	-57.62	-301.51	-14.26	2.21	3.72	3.06	-10.62	-2.64	0.26	-0.02	0.50	-9.74
DRAGRH_COS		-159.27	214.59	17.45	2.31	20.10	474.26	-39.64	-2.89	-1.28	-4.50	-11.60	-3.81	1.00	-2.53	-4.13	5.79
DRAGRH_SIN		0.00	-28.41	17.93	0.12	6.06	410.98	48.11	1.37	0.04	3.15	9.32	-6.67	2.95	-0.56	1.82	-8.47

RUN	POINT	Harmonics															
55	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.50	-0.92	0.00	-0.01	0.00	0.02	0.02	0.00	0.02	0.00	-0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.85	-0.33	0.00	0.00	0.00	0.01	-0.02	0.00	-0.03	-0.01	-0.01	-0.01	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.03	-0.15	-17.06	-1.83	3.30	-2.38	-0.18	0.88	0.76	-0.24	0.89	0.00	-0.41	0.59	-0.02	0.06
ACT1FORCE_SIN		0.00	20.72	3.30	-13.18	-0.22	2.78	-1.24	0.41	0.03	-0.05	-0.48	-0.10	-0.47	0.26	0.42	0.15
FA1IBCURRENT_COS		-0.01	-0.02	0.04	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		390.33	-18.48	44.70	-186.19	-19.95	14.26	-5.23	0.11	0.20	-0.08	0.02	0.13	0.00	0.05	-0.01	-0.06
FA1IBVOLTAGE_SIN		0.00	-127.73	145.15	75.01	17.10	-20.55	10.14	-0.16	0.32	0.15	0.05	0.02	-0.01	0.10	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.04	-0.01	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.07	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.48	18.69	-45.21	186.54	20.45	-14.76	4.93	-0.07	-0.14	-0.01	-0.01	-0.10	-0.01	-0.05	0.02	0.05
FA1OBVOLTAGE_SIN		0.00	128.20	-145.37	-75.70	-17.02	20.82	-10.44	0.02	-0.19	-0.16	-0.06	-0.01	0.02	-0.11	-0.01	-0.01
MRBLD1CB42P75_COS		-794.35	-2196.41	625.93	-153.62	-334.78	6.93	-47.22	-20.12	23.05	7.92	-8.73	29.29	-9.76	-12.83	13.19	-12.06
MRBLD1CB42P75_SIN		0.00	1899.26	79.36	74.32	296.27	-202.16	-12.41	-66.38	0.11	51.73	-94.99	56.23	19.56	1.62	4.53	18.70

RUN	POINT	Harmonics															
55	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4573.37	-1662.54	477.63	-290.66	-461.73	-3.75	-14.28	-35.91	14.97	20.00	-39.77	23.92	-2.29	-2.82	10.73	-8.29
MRBLD1CB70_SIN		0.00	1381.95	41.92	0.49	563.41	-108.30	166.31	-34.84	0.72	50.98	-27.75	33.53	15.01	2.16	-1.69	30.48
MRBLD1CB120_COS		-216.85	-931.62	382.79	-210.29	-292.58	-29.39	-22.31	-27.12	22.18	-5.83	-1.07	-17.05	3.87	7.78	3.18	-2.98
MRBLD1CB120_SIN		0.00	895.45	-0.10	21.53	619.88	46.77	306.93	-79.35	-25.61	-41.09	40.44	-24.27	-0.25	-0.04	0.96	2.73
MRBLD1CB164_COS		-1995.82	-295.94	68.60	-103.36	-74.55	-56.99	-34.51	4.03	3.40	-17.18	32.80	-18.25	-1.12	-1.33	-9.13	4.70
MRBLD1CB164_SIN		0.00	305.94	34.93	3.98	259.99	69.05	151.84	-22.22	-27.56	-60.07	16.79	-14.45	-3.30	-0.29	3.32	-19.11
MRBLD1FB42P75_COS		2478.11	499.49	181.69	127.51	414.76	-68.17	-69.89	-239.55	-21.11	-88.17	-40.85	20.68	-7.04	-7.26	32.32	20.90
MRBLD1FB42P75_SIN		0.00	-414.38	140.23	702.89	198.08	61.58	44.43	-306.92	-39.60	-19.06	-184.98	28.34	19.07	-3.14	-34.96	32.89
MRBLD1FB70_COS		611.27	101.55	47.72	-10.52	105.76	-15.82	-12.82	-28.85	4.45	1.98	-1.53	1.71	1.54	1.61	-6.04	-3.33
MRBLD1FB70_SIN		0.00	-246.71	86.38	158.51	74.77	-2.00	10.98	-44.76	2.06	8.06	4.38	0.60	0.45	1.43	6.26	-6.58
MRBLD1FB87_COS		65.69	121.64	-34.52	-37.17	51.95	-17.45	-5.47	19.63	4.00	16.20	10.45	-6.42	2.03	1.84	-7.29	-5.31
MRBLD1FB87_SIN		0.00	-296.38	76.42	64.43	22.86	6.62	-2.90	27.36	4.97	4.91	43.94	-5.77	-2.50	2.93	10.25	-4.53
MRBLD1FB120_COS		-292.83	152.78	-146.13	-95.10	6.15	-25.09	-14.71	37.64	-15.37	-8.92	-5.29	-1.28	-4.01	-2.66	11.55	8.24
MRBLD1FB120_SIN		0.00	-401.04	96.33	102.88	-13.22	43.02	-11.95	70.47	2.16	-13.85	-20.13	-0.95	-3.95	-7.41	-15.99	5.28
MRBLD1FB164_COS		72.75	76.16	30.77	61.54	-172.67	51.02	43.27	-37.56	12.52	10.84	5.44	-3.32	3.74	1.47	-9.90	-6.53
MRBLD1FB164_SIN		0.00	-509.70	-64.51	347.90	24.68	-20.56	-16.14	-104.20	5.35	17.83	34.69	-4.95	-2.27	4.12	8.41	-5.19

RUN	POINT	Harmonics															
55	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		3.60	-57.86	76.86	87.86	-110.33	53.94	26.23	-37.39	9.62	18.65	19.27	-18.05	-10.18	-4.44	13.55	11.75
MRBLD1FB180_SIN		0.00	-359.99	-76.02	218.18	14.78	-15.72	-1.96	-97.02	14.14	19.61	83.90	-19.91	-15.99	-13.41	-20.10	7.08
MRBLD1TOR51_COS		-1498.12	104.00	243.77	119.05	-130.37	31.51	-4.71	-26.89	-0.57	0.83	-2.41	0.49	-2.75	3.53	7.81	-2.13
MRBLD1TOR51_SIN		0.00	-164.66	-48.68	294.69	23.61	-1.12	-11.26	-50.47	-0.56	-1.22	9.61	-3.20	-6.54	-5.82	0.14	6.24
MRBLD1TOR71_COS		-323.13	135.29	191.06	128.49	-114.10	34.80	3.12	-20.99	-0.37	3.68	-3.50	-0.06	-0.55	3.05	4.61	-0.38
MRBLD1TOR71_SIN		0.00	-163.15	-59.80	238.83	0.95	2.39	-10.32	-28.37	1.20	-1.30	16.05	-5.07	-5.90	-4.26	0.92	4.06
MRBLD1TOR130_COS		-63.49	107.45	185.98	144.27	-113.38	31.04	4.41	-17.43	5.15	1.43	7.30	1.32	-0.33	-2.19	-3.59	1.03
MRBLD1TOR130_SIN		0.00	-134.94	-107.70	210.65	3.22	-7.48	-3.73	-30.94	-0.30	-4.64	-3.59	5.03	1.65	0.76	0.30	-2.30
MRBLD1TOR164_COS		-281.94	46.36	126.53	110.26	-42.29	8.79	-2.65	-12.40	0.75	6.60	-0.92	-0.72	2.40	-1.36	-0.75	1.46
MRBLD1TOR164_SIN		0.00	-59.83	-84.87	84.78	18.50	-7.68	-0.18	-7.55	-0.70	-1.49	6.57	-2.02	-0.83	-0.04	-1.61	-2.69
MRFBM1CB26P5_COS		-922.92	-1462.84	298.05	43.87	-57.99	22.54	0.10	6.43	2.68	-4.22	13.93	0.04	-1.41	-0.85	2.90	-0.80
MRFBM1CB26P5_SIN		0.00	852.46	131.67	0.16	-116.58	-42.95	-48.86	-12.88	-0.22	-3.56	-20.90	2.98	-0.73	-1.17	1.28	-1.66
MRFBM1FB9_COS		603.50	165.02	-282.81	59.17	-16.19	17.14	17.86	-0.87	-0.04	1.87	-3.43	1.03	1.14	0.17	-1.16	1.35
MRFBM1FB9_SIN		0.00	-343.50	-57.55	-188.51	-45.51	2.69	7.33	20.99	1.97	1.22	4.62	-1.18	0.50	0.51	-0.72	-0.74
MRFBM1TOR26P5_COS		-101.45	80.63	5.43	-0.01	-4.51	0.78	0.46	0.09	-0.17	-0.13	-0.14	0.00	-0.07	0.08	0.07	-0.03
MRFBM1TOR26P5_SIN		0.00	-269.24	0.34	2.13	-1.88	0.45	-1.17	-0.24	0.14	0.28	0.18	-0.07	0.00	0.00	-0.01	0.05

RUN	POINT	Harmonics															
55	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		451.91	-1515.08	495.26	-33.81	-102.60	-25.80	-85.15	-18.79	32.07	-1.85	3.50	25.64	-4.25	-8.29	15.51	-12.50
MRPC1CB33P25_SIN		0.00	1639.49	8.44	104.04	141.41	-152.44	-38.37	-67.73	-16.35	7.89	-87.32	35.11	15.20	-0.08	3.38	16.93
MRPC1FB33P25_COS		1747.56	413.62	55.01	0.95	302.00	-72.26	-68.72	-64.69	9.29	-48.57	81.54	0.90	-15.18	-2.62	47.88	-18.23
MRPC1FB33P25_SIN		0.00	-145.30	124.13	592.81	272.25	27.00	15.98	-348.14	-50.64	-61.94	-158.76	36.52	9.06	-6.42	8.23	39.96
MRPC1TOR25P5_COS		-351.39	-37.83	-281.00	-112.99	141.27	-30.03	3.20	25.11	4.75	6.63	12.57	2.22	3.66	-6.75	-8.88	2.04
MRPC1TOR25P5_SIN		0.00	-83.77	54.35	-304.71	-0.69	-5.27	17.65	42.19	-3.43	-3.93	-18.88	11.65	11.18	7.53	2.68	-4.29
MRPLK1LOAD_COS		-3.95	-9.83	-36.43	-15.77	18.40	-3.49	-1.53	3.78	1.64	1.44	1.93	0.32	0.91	-0.95	-1.82	0.25
MRPLK1LOAD_SIN		0.00	-4.89	6.46	-45.19	0.69	-0.69	2.46	6.35	-0.45	-1.07	-2.01	1.10	1.04	1.00	0.20	-1.00
PITCHRH_COS		5087.94	-9153.25	-283.68	60.07	-6.56	2443.04	330.89	-104.13	63.03	29.32	-76.74	66.15	-18.73	81.21	104.19	-172.97
PITCHRH_SIN		0.00	506.87	-1211.25	-4.26	149.30	-2601.26	-126.10	69.78	21.41	-4.24	-222.54	162.26	-44.48	11.16	15.18	93.12
ROLLRH_COS		8952.60	-569.85	1164.40	-66.83	-16.40	-760.44	105.41	-41.05	116.61	144.16	332.53	-55.64	-53.53	-61.61	-19.46	1.25
ROLLRH_SIN		0.00	-9169.05	-351.26	69.45	491.50	3460.32	-44.17	-107.16	8.76	-54.43	78.43	70.08	-85.12	-34.34	0.84	335.16
TORQ_COS		108022.12	561.92	-26.84	105.84	164.35	-196.80	-6.25	-42.14	1.96	2.13	-30.86	-7.66	1.51	-2.05	-4.51	-6.31
TORQ_SIN		0.00	1312.98	-95.84	16.24	-89.40	371.03	4.99	20.39	3.33	-3.76	79.01	1.90	-5.05	7.78	-7.76	-2.62
THRUST_COS		5696.19	-247.28	11.95	14.92	-14.22	-16.89	-1.45	-5.82	-1.95	-2.23	10.17	5.59	4.44	3.72	-3.52	-0.72
THRUST_SIN		0.00	-270.10	-25.63	-10.02	29.81	-9.63	3.00	13.70	-1.26	-0.63	94.06	10.98	-3.95	-0.15	11.80	-23.52

RUN	POINT	Harmonics															
55	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-103.25	35.14	-28.17	0.75	-41.39	-183.64	-3.18	2.50	-3.67	-5.42	-14.95	2.44	0.98	2.06	0.73	-0.84
SIDERH_SIN		0.00	213.98	1.91	-11.83	-53.51	-328.81	-10.17	1.68	1.32	2.20	-12.18	-2.01	1.52	1.00	0.11	-10.14
DRAGRH_COS		-145.53	215.28	19.27	3.66	20.36	454.81	-33.34	-2.38	0.97	-4.88	-14.18	-1.45	0.10	-3.01	-5.09	8.95
DRAGRH_SIN		0.00	-24.20	16.90	-0.58	11.08	509.26	28.74	5.86	2.41	2.96	10.76	-4.51	3.51	0.42	1.71	-4.90

RUN	POINT	Harmonics															
55	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.03	-0.95	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.99	-0.28	-0.01	0.00	0.00	0.03	-0.03	0.01	-0.02	-0.01	0.00	-0.02	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.01	-0.12	-15.75	-3.45	3.66	-2.04	-1.30	0.42	0.75	-0.19	0.47	0.50	-0.42	0.16	0.03	0.09
ACT1FORCE_SIN		0.00	20.38	6.42	-12.16	-1.42	2.47	-1.04	0.36	-0.45	0.30	-0.55	0.04	-0.22	-0.77	0.31	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.04	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		384.69	-22.07	137.72	-175.88	-24.87	17.97	5.71	0.00	0.26	-0.08	0.05	0.15	0.01	0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-106.95	132.30	78.55	27.35	-14.78	6.54	-0.29	0.29	0.08	0.05	0.08	-0.06	0.05	-0.08	-0.03
FA1OBCURRENT_COS		0.02	0.01	-0.04	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.07	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		421.17	22.31	-138.48	176.09	25.59	-18.41	-6.03	0.00	-0.15	0.01	-0.06	-0.12	-0.02	-0.04	0.02	0.02
FA1OBVOLTAGE_SIN		0.00	107.55	-132.41	-79.33	-27.31	15.37	-6.79	0.10	-0.14	-0.04	-0.08	-0.07	0.07	-0.06	0.07	0.03
MRBLD1CB42P75_COS		-807.51	-2124.84	648.70	-157.98	-351.57	-39.30	-37.31	-46.32	3.80	10.36	-41.59	48.05	1.33	-6.49	13.27	-3.67
MRBLD1CB42P75_SIN		0.00	1963.35	39.28	94.28	376.27	-211.75	-24.80	-32.21	-13.06	33.78	-76.78	41.53	14.87	9.67	-4.46	21.25

RUN	POINT	Harmonics															
55	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4562.35	-1614.15	505.57	-331.86	-457.60	-28.96	10.30	-49.38	-2.84	19.92	-43.16	37.01	4.53	2.33	10.60	5.98
MRBLD1CB70_SIN		0.00	1433.36	9.58	41.61	698.68	-127.57	155.68	7.32	-6.80	31.44	-12.78	26.84	9.82	4.51	-8.40	30.74
MRBLD1CB120_COS		-218.74	-907.12	393.65	-248.09	-270.37	-24.98	16.05	-43.49	19.91	-7.74	15.66	-24.75	2.91	5.53	4.51	-0.53
MRBLD1CB120_SIN		0.00	918.21	-23.62	71.83	742.54	24.82	313.57	-24.32	-31.84	-31.45	35.64	-13.76	1.02	-2.89	-0.60	3.79
MRBLD1CB164_COS		-1994.21	-285.62	82.28	-125.25	-59.58	-42.29	-17.70	3.54	9.23	-19.07	32.80	-24.50	-1.98	-4.36	-8.84	-4.02
MRBLD1CB164_SIN		0.00	311.25	36.75	41.38	298.98	64.61	164.31	-11.09	-25.30	-42.38	5.97	-10.10	0.65	-0.81	7.19	-20.42
MRBLD1FB42P75_COS		2476.39	482.08	143.64	210.76	412.35	-95.35	-46.47	-283.93	-41.94	-74.97	-92.18	21.70	2.13	-3.40	10.36	32.94
MRBLD1FB42P75_SIN		0.00	-426.87	121.62	866.98	159.24	52.00	27.79	-156.80	-59.95	-18.61	-144.24	15.76	12.94	-0.30	-46.20	20.68
MRBLD1FB70_COS		611.17	97.30	39.20	6.05	105.24	-24.33	-8.38	-35.63	1.89	3.06	-0.78	1.79	0.96	1.14	-1.64	-5.59
MRBLD1FB70_SIN		0.00	-246.08	82.84	218.26	68.48	-3.56	8.53	-19.16	-0.40	7.14	5.24	0.39	0.31	0.56	8.66	-4.48
MRBLD1FB87_COS		68.29	117.63	-34.60	-32.58	51.87	-16.18	-6.93	24.44	7.98	14.62	23.04	-6.30	0.73	1.45	-1.54	-6.75
MRBLD1FB87_SIN		0.00	-295.72	78.48	103.71	14.88	7.53	-1.37	13.60	7.06	4.27	33.31	-2.70	-1.34	1.79	12.08	-2.07
MRBLD1FB120_COS		-290.28	148.53	-139.06	-97.55	2.31	-13.28	-23.53	46.91	-11.44	-11.98	-11.30	-2.52	-4.20	-3.16	2.39	10.14
MRBLD1FB120_SIN		0.00	-400.76	103.24	155.53	-25.51	47.25	-5.64	31.88	7.57	-11.19	-16.71	-1.51	-4.27	-5.88	-18.98	1.80
MRBLD1FB164_COS		73.67	67.44	-26.60	94.61	-172.80	50.20	52.01	-55.75	9.62	15.12	16.19	-4.47	1.59	1.49	-4.99	-8.01
MRBLD1FB164_SIN		0.00	-485.57	-83.81	371.07	53.27	-20.81	-22.61	-54.07	-2.70	13.83	28.50	-2.46	-2.22	2.44	10.95	-2.04

RUN	POINT	Harmonics															
55	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		3.13	-64.78	20.51	115.18	-108.20	46.79	34.12	-50.85	12.55	17.11	41.44	-23.11	-15.09	-10.50	2.68	13.43
MRBLD1FB180_SIN		0.00	-337.77	-95.19	211.59	40.26	-17.20	-11.89	-54.62	11.30	19.26	61.87	-12.68	-10.65	-10.57	-24.12	1.57
MRBLD1TOR51_COS		-1491.58	94.44	170.57	168.60	-128.82	31.09	-5.70	-30.65	-1.78	0.56	-0.19	1.06	-4.65	-0.52	7.26	2.86
MRBLD1TOR51_SIN		0.00	-134.92	-97.17	278.01	54.37	-13.69	-14.02	-22.27	-1.91	1.45	9.25	-4.30	-3.97	-8.48	-4.05	5.39
MRBLD1TOR71_COS		-316.61	125.38	121.36	173.38	-111.55	36.28	0.94	-19.20	-0.85	2.48	0.59	-0.24	-2.69	-0.34	4.39	2.27
MRBLD1TOR71_SIN		0.00	-136.17	-102.66	215.02	26.91	-8.06	-12.23	-7.68	1.36	1.31	15.28	-5.77	-3.82	-6.05	-1.99	3.18
MRBLD1TOR130_COS		-57.32	97.30	114.33	185.45	-108.54	31.05	4.64	-18.42	3.59	1.03	3.14	3.09	0.77	-1.69	-3.44	-1.46
MRBLD1TOR130_SIN		0.00	-106.92	-147.50	175.78	27.74	-15.47	-4.69	-12.12	-2.85	-2.68	-3.80	2.86	1.97	2.71	1.19	-2.05
MRBLD1TOR164_COS		-277.84	38.58	79.19	133.94	-37.03	7.65	-1.52	-9.07	-0.71	4.90	0.93	-1.53	2.27	-0.55	-1.46	-1.54
MRBLD1TOR164_SIN		0.00	-40.94	-110.87	53.12	29.73	-12.62	-0.68	0.04	0.18	-2.98	6.27	-2.20	-1.64	2.08	-1.42	-2.20
MRFBM1CB26P5_COS		-935.14	-1428.08	304.66	61.20	-79.18	12.13	-2.46	2.41	2.27	-3.21	4.69	0.52	-0.94	-1.28	2.82	-1.67
MRFBM1CB26P5_SIN		0.00	900.77	114.65	-21.21	-120.30	-43.12	-50.59	-16.02	-2.66	-1.80	-21.37	1.35	-0.05	-0.50	-0.37	-1.24
MRFBM1FB9_COS		600.57	147.39	-265.97	53.54	-16.08	19.47	17.27	6.57	-0.10	1.29	-1.60	0.18	0.82	0.13	-1.38	0.87
MRFBM1FB9_SIN		0.00	-362.55	-36.41	-236.62	-43.87	4.54	6.20	16.26	3.07	0.99	5.13	-1.25	0.03	0.21	-0.08	-1.25
MRFBM1TOR26P5_COS		-101.44	75.76	4.94	0.33	-4.92	0.82	0.22	0.05	-0.09	-0.03	0.02	-0.02	-0.07	0.05	0.08	0.05
MRFBM1TOR26P5_SIN		0.00	-270.05	-0.21	2.10	-0.96	0.12	-1.41	-0.16	0.19	0.28	0.17	-0.01	0.02	-0.08	-0.01	0.04

RUN	POINT	Harmonics															
55	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		454.07	-1453.12	506.54	-20.21	-112.96	-61.61	-81.67	-40.65	16.35	-2.28	-26.22	34.84	4.05	-4.84	14.49	-4.70
MRPC1CB33P25_SIN		0.00	1676.90	-23.19	106.05	164.61	-152.06	-39.63	-39.96	-30.00	-0.99	-72.29	23.00	9.90	6.04	-5.45	19.32
MRPC1FB33P25_COS		1742.81	401.47	29.31	39.82	307.48	-92.06	-42.51	-160.80	-0.61	-39.54	19.72	9.40	-4.35	-1.77	44.20	0.01
MRPC1FB33P25_SIN		0.00	-157.10	108.43	741.49	240.48	11.81	10.54	-247.39	-76.36	-55.82	-159.03	27.00	9.63	-1.60	-18.65	42.75
MRPC1TOR25P5_COS		-358.93	-32.64	-203.57	-167.58	139.90	-31.60	6.23	25.23	3.89	5.43	5.12	4.18	7.15	-0.83	-7.67	-4.63
MRPC1TOR25P5_SIN		0.00	-116.65	106.01	-282.32	-32.49	7.62	20.22	15.80	-3.75	-8.32	-18.73	10.75	7.56	12.89	5.69	-2.82
MRPLK1LOAD_COS		-4.95	-9.09	-26.21	-23.42	18.45	-3.60	-1.08	3.95	1.46	0.94	0.64	0.62	1.30	-0.14	-1.68	-1.14
MRPLK1LOAD_SIN		0.00	-9.15	13.16	-42.40	-3.84	1.24	3.26	2.61	-0.66	-1.64	-1.93	0.80	0.50	2.03	0.65	-0.57
PITCHRH_COS		5473.90	-9131.98	-456.39	71.32	27.82	2085.41	256.29	-114.66	72.52	21.84	-47.77	114.21	-41.32	71.48	66.05	-88.36
PITCHRH_SIN		0.00	716.13	-1217.05	37.72	167.00	-3596.67	-135.29	48.10	-122.08	-15.25	-170.99	109.74	-38.59	-52.89	-30.83	179.40
ROLLRH_COS		9323.97	-722.94	1144.42	-58.39	6.59	-284.26	113.56	-59.81	117.84	100.22	354.96	-12.41	-67.07	-89.22	-68.36	189.70
ROLLRH_SIN		0.00	-9199.14	-564.51	76.51	516.22	3436.70	-140.37	-89.74	-45.74	-81.20	43.29	101.94	-56.63	-42.20	73.18	298.33
TORQ_COS		107694.00	594.16	-34.48	95.35	152.30	-112.53	-1.57	-32.32	1.43	4.72	1.09	-5.25	0.78	-0.67	-7.34	-5.80
TORQ_SIN		0.00	1294.37	-82.47	16.41	-125.54	387.52	6.23	47.62	4.61	-2.49	73.07	5.30	-3.38	6.24	-3.22	0.02
THRUST_COS		5693.43	-247.57	3.24	16.05	-4.59	-6.79	-1.83	1.44	-1.11	-1.67	31.29	10.43	2.97	1.00	0.12	-5.98
THRUST_SIN		0.00	-261.09	-31.23	-11.35	35.90	12.82	6.89	18.31	1.97	1.86	74.99	5.29	-5.11	-1.96	8.84	-21.12

RUN	POINT	Harmonics															
55	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-100.38	34.38	-24.81	-3.00	-45.69	-239.20	-3.85	3.08	-2.44	-4.24	-17.18	1.89	0.89	2.64	2.16	-6.59
SIDERH_SIN		0.00	214.91	12.70	-6.48	-50.13	-296.28	-2.05	-1.38	2.64	3.13	-8.96	-2.67	1.04	0.93	-2.32	-8.47
DRAGRH_COS		-140.34	215.41	19.64	3.80	21.14	576.74	-11.33	-3.19	2.47	-3.96	-17.26	-5.12	0.37	-1.90	-2.32	5.26
DRAGRH_SIN		0.00	-28.84	14.60	-1.31	8.90	529.63	27.95	6.85	4.58	3.98	11.08	-5.15	3.03	3.20	3.64	-8.66

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.74	0.33	-19.14	-3.91	1.12	-0.37	0.12	0.09	-0.23	0.02	0.75	-0.06	-0.08	-0.16	-0.20	-0.08
ACT1FORCE_SIN		0.00	20.14	5.14	-4.32	0.42	1.94	1.20	0.25	0.26	-0.18	-0.87	0.19	0.12	-0.01	0.06	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.71	-9.10	205.12	30.56	-4.06	2.46	-7.86	-0.09	-0.07	-0.04	0.15	-0.01	-0.02	0.02	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-115.52	239.47	31.57	0.44	-8.96	-7.38	0.06	-0.01	0.06	0.00	-0.05	0.01	-0.03	0.05	0.03
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.10	9.26	-205.88	-30.83	4.65	-2.27	7.86	0.09	0.01	0.04	-0.14	0.01	0.02	-0.03	-0.02	0.01
FA1OBVOLTAGE_SIN		0.00	115.94	-239.75	-31.98	-0.15	9.05	7.40	-0.12	0.01	-0.05	0.00	0.05	-0.01	0.02	-0.05	-0.02
MRBLD1CB42P75_COS		-862.71	-1854.11	596.92	-105.32	-230.19	-98.42	-44.27	-12.05	16.32	-16.14	3.94	28.88	-2.08	-1.16	9.70	-4.14
MRBLD1CB42P75_SIN		0.00	1224.99	16.56	133.59	248.12	-132.80	-36.29	-57.71	22.15	32.80	-97.90	15.03	13.80	3.35	-3.48	20.53

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4564.36	-1392.58	451.95	-244.08	-204.39	-132.13	-36.48	-21.49	10.11	-4.81	-18.07	21.28	2.16	2.12	8.99	4.98
MRBLD1CB70_SIN		0.00	942.30	-48.96	134.97	470.20	-103.87	93.19	-29.48	25.39	33.32	-35.64	6.82	7.35	0.80	-9.24	22.65
MRBLD1CB120_COS		-178.49	-811.84	348.11	-155.45	-85.06	-111.25	-36.31	-7.87	4.58	7.53	-5.65	-13.69	1.44	2.99	4.42	-0.32
MRBLD1CB120_SIN		0.00	718.32	-89.56	126.33	529.07	-19.56	191.76	-53.34	-21.75	-29.43	42.68	-1.46	-0.11	0.30	-1.51	1.71
MRBLD1CB164_COS		-1982.83	-263.18	70.25	-53.96	-22.05	-64.21	-33.07	6.06	-4.18	5.27	14.90	-14.39	-0.38	-3.97	-9.62	-4.12
MRBLD1CB164_SIN		0.00	266.54	14.15	63.84	216.97	12.31	98.19	-12.77	-32.01	-39.30	23.69	4.48	2.57	2.19	9.06	-13.50
MRBLD1FB42P75_COS		2495.89	421.96	113.40	469.23	93.52	-77.74	-79.32	-168.11	-57.56	-82.95	-52.03	21.37	-2.18	-0.66	11.86	31.85
MRBLD1FB42P75_SIN		0.00	-226.85	192.54	632.94	297.22	140.11	20.85	-211.28	-32.50	-36.29	-159.82	0.94	7.19	-8.87	-42.16	17.90
MRBLD1FB70_COS		595.49	93.44	39.41	100.22	14.68	-22.29	-15.87	-16.19	2.42	2.14	0.63	1.53	1.17	0.36	-1.98	-5.62
MRBLD1FB70_SIN		0.00	-249.56	105.30	161.95	88.51	19.52	4.33	-29.95	3.85	6.98	3.85	2.12	1.68	2.99	7.86	-4.38
MRBLD1FB87_COS		52.76	114.37	-25.95	27.09	2.81	-13.23	-4.41	13.77	9.72	16.77	13.48	-4.21	1.64	1.02	-1.99	-6.33
MRBLD1FB87_SIN		0.00	-298.05	96.17	81.92	27.77	6.82	-1.08	18.07	2.52	7.24	37.88	0.99	-0.15	3.74	11.14	-1.30
MRBLD1FB120_COS		-312.13	152.48	-109.44	-21.67	-6.17	-10.31	-10.01	17.71	-10.07	-10.35	-8.52	-4.30	-6.37	-2.71	3.02	9.93
MRBLD1FB120_SIN		0.00	-412.72	134.05	148.67	-5.34	20.17	1.32	50.36	0.47	-10.21	-17.11	-5.41	-5.44	-8.39	-16.85	1.79
MRBLD1FB164_COS		42.94	63.18	-2.69	67.64	-15.33	56.22	40.66	-14.98	7.69	15.06	10.99	-1.33	2.35	0.11	-4.77	-7.23
MRBLD1FB164_SIN		0.00	-494.86	-17.47	312.40	2.46	-36.80	-22.76	-73.90	1.02	13.70	29.59	1.72	-0.08	3.98	9.33	-1.58

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.40	-74.67	33.70	51.74	0.42	49.60	25.93	-16.95	10.88	25.39	21.42	-18.22	-13.84	-8.65	2.50	12.78
MRBLD1FB180_SIN		0.00	-344.85	-59.25	173.48	-6.84	-18.98	-14.68	-68.38	6.16	23.33	75.39	-4.78	-11.78	-13.19	-23.25	1.46
MRBLD1TOR51_COS		-1499.45	81.98	128.46	106.43	-42.45	-18.75	5.49	-13.12	-1.13	-0.01	-2.61	-2.04	-2.85	-1.92	7.36	3.28
MRBLD1TOR51_SIN		0.00	-129.98	-92.58	175.42	31.03	-10.09	-16.04	-36.41	6.92	3.55	8.32	-1.57	-4.41	-6.54	-5.84	3.96
MRBLD1TOR71_COS		-313.13	109.58	87.17	99.80	-28.29	-5.68	13.30	-8.58	0.51	3.20	-3.45	-3.36	-1.49	-0.53	3.93	2.11
MRBLD1TOR71_SIN		0.00	-123.39	-99.45	121.55	5.46	-8.24	-12.57	-20.13	8.92	4.88	14.93	-2.40	-3.31	-4.19	-3.13	2.77
MRBLD1TOR130_COS		-47.15	83.46	85.07	92.59	-21.70	0.11	12.93	-5.98	2.83	2.11	6.14	0.09	-0.32	0.61	-4.81	-2.40
MRBLD1TOR130_SIN		0.00	-94.32	-146.57	90.94	-0.79	-12.36	-8.29	-22.23	4.53	-0.96	-2.99	2.83	2.75	3.07	2.21	-1.20
MRBLD1TOR164_COS		-270.69	30.13	57.79	59.60	-7.88	-8.61	1.28	-5.47	1.24	4.78	-0.23	-1.81	0.64	1.89	-2.37	-1.91
MRBLD1TOR164_SIN		0.00	-31.27	-124.55	2.57	5.55	-4.96	-4.43	-5.44	2.02	0.47	5.08	-2.16	-0.77	1.28	-0.06	-1.33
MRFBM1CB26P5_COS		-949.99	-1067.95	276.96	19.68	-53.42	8.35	1.80	5.26	1.96	-2.84	9.35	1.13	-0.62	0.09	2.40	-1.35
MRFBM1CB26P5_SIN		0.00	445.35	89.71	-24.42	-79.98	-28.14	-37.14	-11.26	-1.50	-4.50	-18.26	1.42	-0.12	-0.50	0.04	0.15
MRFBM1FB9_COS		602.94	12.87	-244.38	-31.02	19.50	23.90	14.02	-0.18	0.91	1.65	-3.21	-0.17	0.48	-0.12	-1.51	0.43
MRFBM1FB9_SIN		0.00	89.82	-92.88	-210.69	-45.01	-2.46	8.56	14.72	2.49	1.88	4.63	-0.52	0.17	0.21	-0.16	-1.18
MRFBM1TOR26P5_COS		-107.79	100.89	4.79	0.36	-1.53	-0.46	0.33	0.06	-0.07	-0.12	-0.09	0.10	-0.02	-0.08	0.13	0.09
MRFBM1TOR26P5_SIN		0.00	-266.40	0.72	1.17	-0.59	0.01	-0.99	-0.26	0.07	0.11	0.13	0.02	-0.04	-0.08	-0.05	-0.01

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.39	-1407.37	478.84	-7.61	-135.33	-65.78	-58.57	-11.52	20.08	-12.04	4.47	22.35	0.05	0.54	11.98	-3.64
MRPC1CB33P25_SIN		0.00	1112.74	-19.49	95.30	107.41	-88.88	-49.05	-58.67	-1.82	3.54	-84.77	9.57	9.30	0.95	-5.37	18.29
MRPC1FB33P25_COS		1736.38	341.67	-10.65	300.90	20.53	-103.72	-72.79	-48.80	-25.27	-37.54	59.04	18.58	-3.55	8.07	42.91	1.00
MRPC1FB33P25_SIN		0.00	11.42	158.70	600.72	282.68	89.68	-7.81	-246.67	-61.25	-74.62	-150.71	15.07	3.44	-5.77	-13.65	41.62
MRPC1TOR25P5_COS		-402.30	22.74	-160.53	-87.30	39.33	22.70	-6.26	11.87	2.69	5.78	12.17	5.64	4.11	4.80	-9.80	-6.87
MRPC1TOR25P5_SIN		0.00	-124.85	100.17	-174.39	-12.22	8.23	20.63	31.47	-10.28	-9.14	-18.20	5.69	9.13	10.30	8.99	0.31
MRPLK1LOAD_COS		-5.01	-0.03	-20.47	-13.42	3.98	4.79	-2.43	1.93	1.34	1.20	1.82	0.26	0.59	1.20	-2.11	-1.56
MRPLK1LOAD_SIN		0.00	-11.20	12.36	-27.32	-1.93	1.08	3.17	4.67	-1.23	-0.94	-1.84	-0.05	1.14	1.64	1.19	0.13
PITCHRH_COS		5008.38	-9004.69	867.88	-18.38	-92.90	323.95	52.64	-193.51	5.61	11.73	133.01	28.98	33.51	94.35	-22.48	-150.04
PITCHRH_SIN		0.00	1750.46	-709.58	-87.61	-17.13	-872.11	-143.62	65.20	147.62	-156.15	-243.20	69.76	15.78	23.96	-9.73	94.80
ROLLRH_COS		1090.78	-1730.93	641.77	-23.33	-213.85	-1383.16	53.95	-11.97	91.29	209.71	238.72	-4.18	-12.04	-72.59	64.69	42.32
ROLLRH_SIN		0.00	-9200.28	887.31	-3.17	224.28	1644.94	-129.80	-169.16	-57.94	-15.28	-19.89	47.84	-50.48	50.62	-9.11	223.73
TORQ_COS		105835.43	326.74	49.73	151.36	26.07	-18.01	4.49	-25.11	-11.14	0.52	-14.72	-2.80	2.59	-1.61	-4.09	3.37
TORQ_SIN		0.00	846.66	-77.64	-67.82	-55.75	178.76	17.11	38.43	-7.46	-1.96	70.01	2.69	-5.94	6.78	-5.27	-0.26
THRUST_COS		5655.60	-98.67	19.50	7.13	1.29	37.17	2.45	4.94	3.35	-1.07	-3.41	-8.36	0.21	2.86	-6.81	-9.40
THRUST_SIN		0.00	-68.68	-6.70	-22.59	26.43	-65.95	10.76	18.31	-3.39	3.26	76.57	1.61	-0.66	-1.09	5.23	-27.13

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.68	50.14	-20.04	-0.65	21.11	-62.50	0.56	1.96	-3.19	-8.51	-8.43	0.33	-0.18	1.93	-1.74	-1.15
SIDERH_SIN		0.00	231.56	-19.44	-7.94	-55.06	-196.58	0.15	1.72	1.83	0.35	-5.06	-1.16	1.15	-1.21	0.09	-6.16
DRAGRH_COS		-102.48	238.89	4.28	3.34	4.19	391.12	-16.49	-5.92	-0.64	-6.41	-17.74	-0.38	-3.35	-3.21	0.54	7.12
DRAGRH_SIN		0.00	-41.23	32.96	3.69	11.85	315.24	16.51	-3.20	-4.57	14.98	10.28	-3.11	1.97	-1.15	0.49	-5.21

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.78	0.00	0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.02	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.20	0.65	-15.35	-4.70	-0.20	0.54	1.30	-0.19	-0.10	-0.39	-0.66	0.28	-0.11	0.02	0.43	-0.01
ACT1FORCE_SIN		0.00	19.82	8.63	-2.43	-0.29	1.26	-0.04	0.31	0.24	0.01	0.13	0.00	0.22	-0.01	-0.03	-0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.38	-13.00	307.65	36.02	6.30	0.24	-10.60	0.01	0.03	0.03	-0.14	-0.05	-0.04	0.03	-0.02	-0.07
FA1IBVOLTAGE_SIN		0.00	-111.06	140.15	15.67	2.62	-3.98	8.78	0.06	0.09	0.03	-0.03	0.07	0.00	0.09	0.05	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.46	13.28	-308.72	-36.43	-5.54	-0.09	10.59	-0.02	0.01	-0.03	0.14	0.05	0.04	-0.02	0.03	0.08
FA1OBVOLTAGE_SIN		0.00	111.50	-139.85	-15.98	-2.88	3.94	-8.87	-0.10	0.00	-0.02	0.03	-0.09	0.02	-0.07	-0.05	0.02
MRBLD1CB42P75_COS		-878.01	-1674.97	588.52	-97.24	-226.48	-120.32	-44.79	-31.49	13.43	-9.70	-19.68	29.45	-4.05	-7.00	5.97	-1.78
MRBLD1CB42P75_SIN		0.00	1293.51	-6.79	140.13	267.32	-132.78	-44.49	-27.10	12.05	31.98	-55.94	10.51	10.31	6.25	-13.88	21.50

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4541.11	-1265.21	458.89	-254.65	-170.05	-126.70	-33.92	-19.61	9.19	-4.41	-13.95	21.18	-0.43	-1.54	3.09	5.04
MRBLD1CB70_SIN		0.00	1011.19	-82.69	172.56	505.25	-132.67	74.40	-0.42	18.15	28.68	-11.47	4.12	4.61	2.65	-15.22	24.86
MRBLD1CB120_COS		-189.41	-758.47	353.50	-153.09	-58.82	-81.94	-23.48	6.89	4.37	5.95	2.25	-15.26	4.57	4.76	4.30	-1.75
MRBLD1CB120_SIN		0.00	776.35	-116.28	162.73	559.24	-67.19	163.37	-14.22	-29.10	-35.66	28.85	0.11	1.05	-1.07	0.68	2.10
MRBLD1CB164_COS		-1991.71	-251.82	93.58	-54.62	-14.36	-39.88	-23.89	18.08	-0.20	6.94	5.62	-12.39	2.25	-1.49	-6.27	-2.29
MRBLD1CB164_SIN		0.00	290.59	7.93	96.37	222.45	-10.36	89.35	-6.20	-33.80	-40.10	8.69	4.96	3.65	1.98	12.50	-14.96
MRBLD1FB42P75_COS		2520.04	378.88	46.04	587.46	19.35	-104.80	-79.96	-160.66	-71.39	-77.27	-80.95	18.84	-1.28	-2.17	-6.41	35.27
MRBLD1FB42P75_SIN		0.00	-226.50	215.31	709.96	281.71	148.60	-4.41	-85.55	-56.29	-47.24	-82.81	-4.50	6.09	-5.53	-51.38	20.25
MRBLD1FB70_COS		601.52	93.72	23.80	134.73	-5.99	-27.99	-14.39	-14.31	1.10	2.77	2.57	1.32	1.12	0.95	0.98	-6.37
MRBLD1FB70_SIN		0.00	-248.40	113.65	197.07	83.36	20.39	0.01	-8.52	1.38	6.22	5.22	2.08	1.67	2.19	9.58	-4.96
MRBLD1FB87_COS		54.87	113.27	-26.43	44.82	-7.89	-12.92	-3.10	14.09	11.70	15.44	20.09	-3.85	1.77	1.31	2.40	-7.01
MRBLD1FB87_SIN		0.00	-303.20	102.66	111.06	23.05	6.08	-0.38	6.68	5.77	8.41	19.61	2.04	0.03	2.42	12.89	-1.61
MRBLD1FB120_COS		-313.40	153.09	-102.22	-6.38	-14.12	-4.38	-10.70	13.38	-7.79	-12.19	-12.98	-3.57	-6.04	-3.01	-2.60	11.06
MRBLD1FB120_SIN		0.00	-430.10	140.79	197.82	-7.52	18.48	10.75	19.30	4.04	-8.35	-14.03	-5.66	-4.67	-6.41	-19.99	2.64
MRBLD1FB164_COS		51.98	81.06	-95.10	89.97	8.33	56.45	40.24	-13.42	5.68	16.70	18.44	-2.64	1.66	-0.24	-0.91	-7.70
MRBLD1FB164_SIN		0.00	-491.09	20.33	311.58	26.62	-40.39	-29.13	-27.55	-3.60	11.05	20.45	2.94	0.03	1.85	10.48	-1.05

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.99	-60.72	-54.89	62.94	20.11	45.04	21.98	-12.31	10.90	24.88	35.19	-19.60	-13.48	-9.08	-3.12	14.22
MRBLD1FB180_SIN		0.00	-334.47	-26.57	150.69	13.06	-18.61	-25.66	-30.01	6.03	23.33	39.00	-4.20	-10.53	-11.08	-24.31	2.22
MRBLD1TOR51_COS		-1485.94	95.30	2.12	134.96	-27.65	-22.99	10.99	-12.46	2.52	2.35	0.78	-2.49	-2.29	-1.09	6.27	3.46
MRBLD1TOR51_SIN		0.00	-79.14	-84.60	120.70	49.71	-3.64	-23.99	-18.87	2.21	5.85	10.59	-3.97	-3.51	-5.54	-7.59	3.72
MRBLD1TOR71_COS		-300.14	119.46	-29.31	122.86	-12.29	-8.46	18.07	-5.15	3.58	4.26	2.41	-4.25	-1.55	-0.28	3.83	2.03
MRBLD1TOR71_SIN		0.00	-76.54	-91.01	65.71	22.15	-1.91	-18.05	-9.44	5.96	6.41	14.28	-4.06	-2.17	-3.95	-2.94	2.63
MRBLD1TOR130_COS		-34.57	93.67	-29.68	106.99	-2.57	-2.08	17.41	-3.37	3.72	3.18	4.06	-0.94	-1.41	-0.55	-3.69	-2.67
MRBLD1TOR130_SIN		0.00	-45.94	-136.16	30.35	13.51	-7.02	-11.64	-11.14	0.76	-1.51	-0.31	2.16	3.39	2.07	4.38	-0.97
MRBLD1TOR164_COS		-263.34	35.12	-14.94	64.26	2.04	-10.96	4.51	-1.25	0.57	3.62	4.23	-2.67	-0.69	0.60	-1.69	-2.30
MRBLD1TOR164_SIN		0.00	5.80	-120.37	-41.32	9.03	-1.33	-5.82	-2.30	1.99	-1.64	1.79	-1.29	-0.50	0.13	0.63	-0.36
MRFBM1CB26P5_COS		-967.04	-952.71	258.90	26.72	-64.80	-2.11	1.07	-1.20	0.76	-1.46	0.10	1.33	-0.18	-0.09	2.88	-1.25
MRFBM1CB26P5_SIN		0.00	489.30	80.20	-51.60	-76.71	-20.60	-35.26	-11.55	-3.27	-3.33	-14.62	0.62	0.10	-0.51	-1.00	0.08
MRFBM1FB9_COS		627.97	-78.00	-198.54	-50.84	27.25	25.73	12.68	4.17	0.32	1.24	-0.64	-0.30	0.50	-0.03	-1.77	0.92
MRFBM1FB9_SIN		0.00	99.39	-96.23	-240.54	-42.16	-1.70	8.81	9.33	3.64	1.76	3.75	-0.34	0.29	0.25	0.55	-1.29
MRFBM1TOR26P5_COS		-107.73	100.65	3.70	0.59	-1.34	-0.37	0.26	-0.12	0.01	-0.03	-0.07	0.15	0.06	0.00	0.08	0.11
MRFBM1TOR26P5_SIN		0.00	-268.44	0.59	0.67	0.10	0.26	-1.22	-0.15	0.13	0.24	0.15	0.01	-0.06	-0.03	-0.11	-0.03

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		453.63	-1276.59	473.26	7.15	-151.95	-88.13	-56.77	-30.04	13.59	-5.97	-17.85	21.59	-1.33	-4.41	7.32	-2.19
MRPC1CB33P25_SIN		0.00	1149.22	-28.34	81.03	108.80	-79.42	-51.86	-32.22	-12.58	2.28	-52.20	4.47	6.78	3.06	-13.66	19.14
MRPC1FB33P25_COS		1756.03	305.11	-64.11	383.85	-38.47	-128.73	-65.03	-93.95	-26.79	-27.71	-7.69	19.66	-2.96	3.24	39.24	1.56
MRPC1FB33P25_SIN		0.00	8.87	167.23	687.00	253.05	86.85	-28.33	-145.19	-85.87	-80.23	-111.05	10.15	3.27	-4.53	-33.92	46.02
MRPC1TOR25P5_COS		-416.41	9.65	-27.55	-116.14	21.53	25.68	-11.72	10.29	-2.42	2.29	4.54	5.05	1.33	1.43	-7.05	-7.61
MRPC1TOR25P5_SIN		0.00	-180.52	90.37	-111.58	-33.51	0.04	29.56	16.66	-7.11	-13.54	-18.28	8.39	8.61	7.43	12.30	1.67
MRPLK1LOAD_COS		-6.86	-1.58	-2.90	-17.46	1.72	5.18	-3.03	2.09	0.61	0.47	1.09	0.00	-0.06	0.35	-1.48	-1.79
MRPLK1LOAD_SIN		0.00	-18.33	10.80	-18.93	-5.09	-0.29	4.78	2.41	-0.94	-1.83	-2.13	0.26	1.22	0.99	2.09	0.43
PITCHRH_COS		6621.36	-9007.29	757.26	2.53	-6.28	-488.09	-146.69	-131.90	30.38	-21.76	75.91	31.64	9.68	47.15	-35.04	-118.15
PITCHRH_SIN		0.00	1768.15	-709.94	-79.10	5.50	-996.71	-123.40	90.77	128.80	-153.66	-218.11	81.15	-38.81	-22.46	-4.71	77.09
ROLLRH_COS		1008.44	-1733.34	628.42	-89.54	-119.70	-1224.03	-38.18	27.75	38.51	210.08	240.79	-26.57	-19.18	-53.73	54.14	170.20
ROLLRH_SIN		0.00	-9212.31	811.89	7.09	253.87	1172.92	-240.71	-129.82	-74.68	1.10	17.70	14.89	-77.24	50.26	-13.17	267.40
TORQ_COS		105717.42	346.98	44.02	120.46	38.44	49.32	7.51	7.06	-12.18	1.05	15.27	-5.02	-0.30	-1.13	-3.77	3.91
TORQ_SIN		0.00	814.03	-74.86	-43.76	-28.85	146.06	16.18	49.01	-9.74	-0.76	51.02	5.00	-6.44	5.48	-3.89	0.46
THRUST_COS		5725.95	-104.55	10.52	12.37	6.39	51.01	4.21	14.07	0.97	-6.56	25.72	-8.12	-4.77	1.64	-1.19	-15.39
THRUST_SIN		0.00	-62.72	-11.17	-16.00	20.27	-60.82	12.81	13.05	-0.65	0.58	50.96	4.32	4.92	-0.28	10.08	-27.43

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.23	48.58	-19.35	-3.12	6.41	-64.27	2.54	-0.35	-1.76	-8.82	-9.66	1.06	0.01	1.38	-1.79	-4.64
SIDERH_SIN		0.00	233.57	-17.34	-1.09	-42.62	-148.25	7.14	1.01	1.80	-0.57	-6.12	-0.61	1.83	-1.47	-0.03	-7.43
DRAGRH_COS		-86.69	240.09	6.13	1.14	5.74	427.80	0.87	-4.96	-1.87	-2.08	-14.21	-1.28	-0.49	-1.61	1.49	5.85
DRAGRH_SIN		0.00	-43.83	30.01	1.65	11.04	245.68	7.32	2.79	-5.08	12.78	8.17	-3.86	3.87	0.45	1.41	-3.48

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.15	-0.96	-4.43	-2.42	-3.21	0.47	-1.14	-0.04	0.04	0.03	-0.40	0.27	0.02	0.13	-0.09	-0.28
ACT1FORCE_SIN		0.00	19.08	7.72	1.35	0.36	-0.73	1.53	-0.23	0.17	-0.43	-0.65	0.21	0.11	0.19	-0.19	-0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.14	-0.80	307.44	11.26	23.14	2.67	10.16	-0.08	-0.08	0.02	0.06	-0.07	-0.02	-0.07	-0.03	0.04
FA1IBVOLTAGE_SIN		0.00	-109.59	-127.31	-10.26	-2.92	-0.01	-15.68	0.03	-0.06	-0.07	-0.16	0.07	0.01	-0.05	-0.10	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.68	1.15	-307.97	-11.73	-23.54	-2.69	-10.11	0.02	-0.09	-0.01	-0.06	0.06	0.01	0.07	0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	109.92	128.25	10.24	2.19	-0.08	15.66	0.02	0.01	0.05	0.16	-0.05	0.03	0.04	0.09	0.11
MRBLD1CB42P75_COS		-892.86	-1573.78	516.39	-60.53	-89.88	-156.50	-47.64	-19.54	11.58	-24.64	8.09	22.62	-0.35	-6.35	13.53	-3.62
MRBLD1CB42P75_SIN		0.00	1426.64	-61.62	171.41	320.23	-62.30	-36.93	-8.57	11.22	30.13	-82.27	-2.19	20.03	14.25	-12.50	25.91

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4524.82	-1180.08	412.50	-198.34	109.16	-171.30	-20.18	-19.19	16.84	-22.69	-0.81	16.27	1.56	0.14	9.47	2.69
MRBLD1CB70_SIN		0.00	1116.56	-173.95	297.39	464.13	-115.33	28.72	-1.45	17.00	32.59	-32.31	-6.56	11.94	9.39	-14.15	31.42
MRBLD1CB120_COS		-198.18	-713.18	309.63	-72.11	201.09	-122.20	6.27	-10.65	2.37	11.88	-10.18	-10.27	3.97	3.29	3.56	-3.17
MRBLD1CB120_SIN		0.00	850.16	-177.55	280.23	496.03	-116.10	72.56	-39.50	-31.51	-35.23	45.29	5.28	-2.76	-2.12	1.78	1.34
MRBLD1CB164_COS		-1993.24	-240.31	108.85	15.49	67.78	-48.40	1.16	6.33	-7.14	20.93	-1.95	-8.48	2.19	0.13	-11.14	-0.19
MRBLD1CB164_SIN		0.00	318.09	-48.07	168.67	196.48	-53.52	47.89	-24.70	-36.37	-43.28	25.15	12.10	-1.99	-0.08	10.44	-17.70
MRBLD1FB42P75_COS		2527.39	369.28	-28.14	1025.72	-118.94	-112.10	-103.42	-150.90	-105.72	-83.09	-52.31	16.72	7.24	-2.76	2.73	33.96
MRBLD1FB42P75_SIN		0.00	-240.17	364.24	620.10	483.83	185.27	-24.03	-54.95	-39.44	-80.91	-104.36	-16.97	6.84	1.11	-63.18	24.93
MRBLD1FB70_COS		602.77	100.09	0.28	286.95	-39.51	-30.05	-16.90	-12.09	-2.33	1.35	2.32	1.04	0.12	0.86	-1.30	-6.70
MRBLD1FB70_SIN		0.00	-249.87	152.42	189.69	135.63	29.33	-5.59	-4.21	2.60	4.64	3.16	2.73	1.73	1.11	12.38	-5.92
MRBLD1FB87_COS		55.85	115.31	-29.66	140.29	-33.05	-11.93	-1.04	13.21	16.17	16.76	14.31	-2.50	-0.35	1.66	0.72	-6.45
MRBLD1FB87_SIN		0.00	-311.20	119.55	122.51	44.74	5.18	-0.59	3.41	3.77	13.90	25.32	5.13	-0.56	0.66	15.56	-2.65
MRBLD1FB120_COS		-313.62	153.11	-90.80	118.25	-34.20	-1.14	-1.95	12.35	-2.73	-10.46	-11.56	-5.73	-4.10	-3.40	-1.25	9.87
MRBLD1FB120_SIN		0.00	-452.64	140.62	230.69	-2.99	0.68	17.19	12.60	0.23	-6.48	-13.39	-7.57	-3.69	-4.71	-25.01	3.70
MRBLD1FB164_COS		39.81	148.68	-181.36	138.95	89.89	49.63	33.49	-12.04	-1.74	14.01	14.79	0.54	-0.70	-0.08	-0.70	-6.21
MRBLD1FB164_SIN		0.00	-518.06	222.94	268.36	-26.15	-49.56	-25.52	-19.98	-0.14	10.85	20.31	7.51	0.93	-0.60	12.60	-0.64

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.55	0.18	-135.33	48.24	80.77	37.58	17.89	-11.12	7.74	28.11	22.95	-20.31	-15.32	-8.83	-1.42	12.34
MRBLD1FB180_SIN		0.00	-350.97	157.66	110.85	-23.64	-22.08	-26.34	-22.20	5.48	31.39	53.56	-1.06	-15.33	-11.02	-30.15	2.44
MRBLD1TOR51_COS		-1475.29	175.59	-167.27	118.65	31.54	-39.62	12.38	-27.30	-0.67	-0.85	-2.49	-1.61	-1.61	0.30	5.54	1.59
MRBLD1TOR51_SIN		0.00	-29.66	97.27	6.07	69.08	14.09	-43.83	-16.66	-0.83	5.29	7.13	-3.08	-5.20	-4.12	-7.60	0.91
MRBLD1TOR71_COS		-290.60	192.55	-183.31	89.23	41.72	-21.94	19.78	-18.70	2.46	1.16	-2.48	-4.18	-0.61	1.45	3.05	0.96
MRBLD1TOR71_SIN		0.00	-30.78	79.37	-44.44	32.00	13.14	-36.02	-9.56	3.99	7.11	12.37	-1.76	-3.93	-2.31	-2.87	0.79
MRBLD1TOR130_COS		-24.47	166.91	-175.15	45.53	54.31	-13.43	19.44	-12.95	1.54	2.13	4.54	-2.00	-0.19	0.46	-3.36	-1.83
MRBLD1TOR130_SIN		0.00	3.14	33.71	-76.35	9.80	8.81	-28.14	-11.52	0.25	-3.35	-0.18	3.62	3.90	3.49	4.87	0.80
MRBLD1TOR164_COS		-254.73	82.66	-107.70	2.54	23.91	-15.39	5.29	-4.09	1.70	1.88	1.71	-3.63	-0.42	0.35	0.92	-1.01
MRBLD1TOR164_SIN		0.00	48.48	-16.27	-109.90	5.60	12.97	-16.22	-4.54	3.63	0.05	3.39	-0.68	0.81	0.01	0.66	2.31
MRFBM1CB26P5_COS		-983.96	-901.54	222.85	-11.54	-84.30	-8.10	-4.36	2.43	-2.00	0.05	4.05	1.58	0.17	-0.86	3.58	-1.07
MRFBM1CB26P5_SIN		0.00	559.84	73.04	-101.06	-24.22	-2.26	-23.11	-5.22	-3.52	-5.59	-14.17	1.10	0.38	-0.60	-0.95	-0.42
MRFBM1FB9_COS		624.02	-83.60	-123.50	-161.70	45.46	28.41	9.86	5.04	1.62	0.85	-2.08	-0.47	0.52	0.28	-2.01	1.01
MRFBM1FB9_SIN		0.00	82.95	-162.98	-259.89	-61.25	-4.94	9.15	7.79	4.32	2.81	3.54	-0.03	-0.14	0.20	0.26	-1.67
MRFBM1TOR26P5_COS		-108.27	88.45	1.82	0.34	0.02	-0.41	-0.02	-0.18	-0.07	-0.03	-0.09	0.25	-0.02	-0.04	0.04	0.08
MRFBM1TOR26P5_SIN		0.00	-279.50	1.78	-0.29	0.86	0.10	-0.95	-0.06	0.05	0.25	0.05	-0.09	-0.10	-0.12	-0.13	-0.09

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.93	-1205.57	418.05	16.49	-132.65	-105.77	-57.12	-17.95	5.55	-10.66	0.24	17.04	1.91	-5.11	14.27	-4.10
MRPC1CB33P25_SIN		0.00	1240.80	-46.79	55.51	185.16	-19.73	-33.77	-16.78	-13.57	-1.64	-68.12	-3.04	13.25	9.83	-12.83	22.97
MRPC1FB33P25_COS		1763.62	299.90	-138.87	765.12	-192.31	-144.80	-76.85	-98.45	-58.94	-15.30	25.42	26.87	2.57	-2.68	56.50	-2.89
MRPC1FB33P25_SIN		0.00	-3.96	273.03	691.13	387.02	114.97	-51.87	-117.09	-87.54	-108.55	-110.95	0.00	10.49	-0.06	-33.59	48.93
MRPC1TOR25P5_COS		-425.79	-93.58	147.91	-84.09	-42.38	41.42	-13.35	27.22	1.14	5.24	10.33	2.72	2.29	0.74	-3.19	-4.38
MRPC1TOR25P5_SIN		0.00	-244.83	-102.76	15.67	-50.44	-15.73	49.76	14.52	-2.31	-13.96	-14.71	8.28	12.22	8.35	12.97	7.74
MRPLK1LOAD_COS		-8.34	-15.34	20.22	-13.70	-7.39	7.35	-2.70	4.19	1.35	0.94	1.75	-0.84	0.29	0.58	-0.84	-1.09
MRPLK1LOAD_SIN		0.00	-26.31	-15.04	-1.51	-8.19	-2.51	7.41	1.97	-0.24	-1.90	-1.39	0.70	1.82	1.60	2.28	1.47
PITCHRH_COS		7373.94	-8925.68	484.36	-15.97	22.35	-1416.17	-159.64	-92.51	78.79	-90.74	165.56	3.48	40.43	38.31	-12.31	-25.35
PITCHRH_SIN		0.00	1636.56	-570.15	-113.36	-55.96	618.45	126.23	30.11	96.62	-129.04	-313.00	9.01	-20.11	-13.13	-4.47	11.62
ROLLRH_COS		1216.76	-1686.16	498.27	-72.80	134.72	-2078.29	-174.44	86.63	69.92	177.10	183.34	-9.38	26.77	-51.95	69.95	257.72
ROLLRH_SIN		0.00	-9138.50	538.78	81.07	151.67	315.80	-152.07	-115.85	-97.51	-51.55	14.91	-8.55	2.69	1.88	-9.75	322.63
TORQ_COS		105538.77	337.38	38.28	126.64	-56.76	72.83	8.87	-24.09	-5.10	-0.48	4.87	-2.23	-0.22	0.23	-3.59	3.44
TORQ_SIN		0.00	801.42	-61.07	-19.63	-75.65	-13.94	15.75	18.99	-8.89	-1.96	56.64	4.37	-5.97	4.41	-3.63	0.48
THRUST_COS		5736.32	-92.62	-15.08	19.85	16.87	69.78	6.55	0.53	1.19	-2.03	11.72	-3.26	-0.65	0.85	0.97	-14.39
THRUST_SIN		0.00	-68.94	-9.79	-18.21	19.19	-64.37	9.54	15.67	-3.79	6.17	56.00	4.05	3.15	-0.76	5.53	-28.46

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.19	49.21	-11.91	-2.64	-16.67	15.83	12.27	-0.88	-1.94	-7.59	-6.50	0.14	-1.41	1.30	-2.22	-7.18
SIDERH_SIN		0.00	235.86	-8.96	2.72	-5.62	-66.41	7.51	2.40	2.38	2.93	-6.32	0.36	0.25	-0.06	0.20	-8.95
DRAGRH_COS		-82.04	239.87	4.50	-2.53	10.79	306.31	-2.74	0.05	-2.30	1.81	-16.14	-0.46	-1.52	-1.24	0.10	3.62
DRAGRH_SIN		0.00	-46.08	22.94	0.51	1.87	8.67	-12.78	2.02	-3.09	10.39	9.58	-0.73	3.26	0.80	0.18	0.35

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	-0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.77	0.00	0.00	0.00	0.00	0.00	-0.01	0.02	0.01	0.00	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.58	-2.34	-0.91	-0.12	-3.35	-0.11	1.14	-0.13	-0.06	-0.08	0.46	0.38	0.04	-0.21	0.13	-0.09
ACT1FORCE_SIN		0.00	19.35	2.92	1.82	1.49	-0.47	1.71	0.23	-0.35	0.22	0.58	0.12	0.12	0.06	0.56	0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.95	7.42	212.03	-6.64	24.70	0.65	-12.24	0.03	-0.01	-0.09	-0.13	0.03	-0.06	0.02	-0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-118.57	-224.95	-6.30	-9.23	-3.87	-14.48	0.08	-0.03	0.03	0.12	0.02	-0.02	-0.03	0.00	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.81	-7.12	-212.10	6.24	-25.44	-0.70	12.25	-0.01	-0.01	0.07	0.11	-0.02	0.07	-0.02	0.05	0.02
FA1OBVOLTAGE_SIN		0.00	118.83	225.99	6.44	9.11	3.83	14.35	0.00	0.19	-0.03	-0.10	-0.03	0.00	0.04	0.00	0.06
MRBLD1CB42P75_COS		-898.76	-1712.65	451.80	-23.93	7.90	-132.72	-59.21	12.31	11.95	-13.66	14.30	11.86	3.95	-4.82	5.27	-3.40
MRBLD1CB42P75_SIN		0.00	1385.35	-57.03	177.93	264.68	-30.57	-42.70	-15.84	10.74	27.09	-74.77	-6.14	17.39	10.15	-18.56	28.35

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4534.77	-1261.88	344.07	-109.78	240.05	-145.67	-51.99	0.60	13.58	-12.00	0.23	6.58	3.81	-1.62	1.10	3.11
MRBLD1CB70_SIN		0.00	1079.64	-190.65	334.86	285.96	-107.97	-32.74	6.46	10.73	32.70	-41.03	-7.99	10.49	5.08	-18.16	34.38
MRBLD1CB120_COS		-181.58	-735.56	255.87	28.62	295.80	-107.89	-28.61	-5.62	-7.15	7.05	-11.06	-6.87	0.39	0.51	5.00	-3.52
MRBLD1CB120_SIN		0.00	832.01	-186.53	295.45	317.04	-135.89	-21.04	-13.73	-33.47	-32.89	50.26	8.29	-2.77	-0.54	1.19	3.41
MRBLD1CB164_COS		-1985.93	-247.23	92.02	82.26	93.87	-48.30	-3.81	-6.57	-11.46	10.45	-3.90	-4.94	-1.09	0.89	-6.53	-0.06
MRBLD1CB164_SIN		0.00	315.62	-74.21	167.04	135.52	-73.29	-1.93	-10.68	-36.63	-43.44	40.43	13.68	-3.65	0.83	14.54	-19.76
MRBLD1FB42P75_COS		2519.33	410.53	12.59	1188.20	-144.85	-93.62	-125.43	-62.57	-111.70	-89.99	-6.99	4.85	7.62	-0.80	-14.77	41.70
MRBLD1FB42P75_SIN		0.00	-239.97	456.34	381.84	615.45	212.02	15.45	-85.68	-24.24	-71.87	-70.10	-17.26	2.48	0.13	-64.00	29.35
MRBLD1FB70_COS		600.48	102.74	10.02	353.93	-44.83	-23.17	-22.10	2.25	-2.88	1.45	2.80	1.79	0.63	1.23	2.46	-7.84
MRBLD1FB70_SIN		0.00	-250.89	176.86	117.32	163.96	34.55	-0.65	-10.62	3.46	4.15	2.15	3.11	2.13	1.07	12.72	-6.80
MRBLD1FB87_COS		54.28	117.69	-20.70	187.29	-39.63	-9.88	0.71	5.12	17.29	17.57	4.12	0.49	-0.68	1.15	4.31	-8.40
MRBLD1FB87_SIN		0.00	-312.01	128.16	83.39	59.30	2.59	-3.82	5.34	1.40	12.84	17.82	5.23	0.88	1.58	15.99	-2.96
MRBLD1FB120_COS		-320.72	147.96	-77.82	180.45	-37.62	-9.12	6.64	-9.85	-2.91	-10.03	-10.66	-7.02	-3.76	-3.12	-5.81	12.87
MRBLD1FB120_SIN		0.00	-460.99	139.25	194.10	7.53	-8.33	9.64	21.52	-2.50	-4.65	-9.81	-7.86	-4.90	-5.70	-25.16	4.40
MRBLD1FB164_COS		17.68	183.34	-129.95	139.17	131.22	41.35	26.43	18.92	0.42	12.12	7.13	4.34	-1.45	-2.10	2.00	-7.32
MRBLD1FB164_SIN		0.00	-559.08	342.28	224.35	-74.60	-40.58	-15.56	-32.81	3.89	10.39	12.83	6.90	3.01	-0.22	11.59	-0.94

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-20.47	26.35	-87.32	23.64	104.14	37.23	13.19	13.12	6.81	31.66	2.80	-18.55	-17.48	-8.42	-6.84	15.71
MRBLD1FB180_SIN		0.00	-381.57	261.16	99.75	-61.24	-19.74	-14.49	-28.70	3.80	26.26	40.95	1.17	-15.03	-11.34	-30.47	3.84
MRBLD1TOR51_COS		-1482.78	218.08	-163.46	77.00	56.87	-41.63	11.21	-10.97	-4.14	4.63	1.21	-3.61	-2.24	0.10	6.46	0.50
MRBLD1TOR51_SIN		0.00	-47.34	228.01	-34.96	54.48	25.41	-34.93	-16.67	-5.76	4.45	4.72	-0.97	-5.46	-5.72	-8.77	3.78
MRBLD1TOR71_COS		-296.82	234.59	-177.49	40.39	62.57	-24.53	19.58	-8.80	0.25	5.82	-0.24	-4.82	-1.14	0.88	4.11	0.43
MRBLD1TOR71_SIN		0.00	-45.91	199.99	-76.04	17.61	22.06	-27.71	-10.17	-0.90	7.00	8.31	0.73	-4.37	-3.56	-3.18	2.64
MRBLD1TOR130_COS		-30.58	209.93	-166.22	-14.91	73.43	-14.69	17.20	-3.80	-0.95	3.64	5.87	-1.55	0.40	-0.51	-3.88	-1.00
MRBLD1TOR130_SIN		0.00	-10.83	150.54	-94.59	-9.60	17.41	-22.30	-11.87	-1.92	-2.86	1.28	4.57	3.66	3.52	5.68	-0.39
MRBLD1TOR164_COS		-255.35	111.83	-104.71	-45.56	26.18	-10.64	2.39	-2.61	2.23	2.07	-1.08	-2.20	0.49	-0.20	-0.74	0.55
MRBLD1TOR164_SIN		0.00	43.10	55.60	-111.42	-4.94	17.48	-12.42	-7.01	1.93	1.60	-0.11	-0.40	1.05	0.91	-0.41	1.12
MRFBM1CB26P5_COS		-971.61	-991.05	207.00	-48.34	-69.51	-11.50	0.04	5.14	-1.08	-0.66	5.45	1.60	0.44	-0.14	3.62	-1.07
MRFBM1CB26P5_SIN		0.00	523.96	83.62	-103.12	16.24	6.03	-8.59	-9.94	-1.40	-5.92	-7.96	0.37	-0.06	-0.12	-1.98	-0.30
MRFBM1FB9_COS		608.40	12.41	-129.18	-223.43	46.73	27.25	8.75	0.10	2.39	1.04	-1.80	-0.33	0.33	0.17	-1.98	1.08
MRFBM1FB9_SIN		0.00	66.29	-218.76	-217.50	-73.67	-8.61	8.65	5.42	4.32	2.88	1.91	0.38	-0.19	0.20	0.83	-1.67
MRFBM1TOR26P5_COS		-108.36	80.00	1.81	0.02	0.87	-0.48	0.18	0.01	-0.09	0.03	-0.03	0.19	-0.05	-0.01	0.06	0.05
MRFBM1TOR26P5_SIN		0.00	-281.97	2.83	-0.58	0.45	0.27	-0.68	-0.06	0.05	0.16	0.05	-0.12	-0.07	-0.11	-0.14	-0.07

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		438.19	-1321.11	371.97	10.53	-90.35	-90.31	-56.73	5.13	3.64	-4.76	6.94	8.76	5.39	-2.90	7.43	-3.31
MRPC1CB33P25_SIN		0.00	1218.54	-33.94	47.70	207.53	8.73	-27.04	-27.66	-7.92	-3.84	-53.88	-5.05	10.77	7.48	-18.40	25.39
MRPC1FB33P25_COS		1755.97	333.69	-119.00	941.42	-242.54	-136.26	-110.36	-15.18	-68.77	-23.83	39.49	19.26	7.06	-1.14	46.43	-2.66
MRPC1FB33P25_SIN		0.00	-3.07	350.52	523.99	485.46	141.68	-29.51	-106.51	-78.53	-105.42	-58.72	-8.40	8.05	0.66	-48.35	57.79
MRPC1TOR25P5_COS		-418.46	-152.83	142.09	-30.70	-69.20	44.76	-14.11	11.90	4.99	-1.73	5.70	5.60	4.50	-0.27	-6.17	-2.20
MRPC1TOR25P5_SIN		0.00	-230.27	-239.40	56.21	-35.29	-25.55	41.40	14.64	3.79	-11.59	-10.13	5.66	12.10	9.95	13.57	3.74
MRPLK1LOAD_COS		-7.42	-23.36	19.33	-6.65	-11.42	7.74	-2.71	1.70	1.89	0.00	0.84	-0.27	0.73	0.21	-1.27	-0.69
MRPLK1LOAD_SIN		0.00	-24.26	-33.10	4.27	-6.06	-4.27	6.06	2.14	0.53	-1.33	-1.02	0.48	1.73	1.74	2.53	0.80
PITCHRH_COS		6068.77	-8894.26	420.34	-15.67	54.82	-1258.55	-90.12	-108.04	10.51	-9.23	112.58	11.84	14.51	11.50	7.94	-19.10
PITCHRH_SIN		0.00	1537.61	-364.73	-85.42	-48.28	2031.80	79.90	8.47	90.40	-23.33	-344.21	-14.43	3.84	-45.32	5.42	4.11
ROLLRH_COS		1121.46	-1640.52	283.04	-37.52	129.30	-2808.51	-36.27	-27.86	6.92	95.75	191.37	0.69	-6.30	-67.11	21.61	340.50
ROLLRH_SIN		0.00	-9071.91	524.34	78.99	27.64	-82.77	-159.79	-57.84	-2.81	-49.05	1.95	-2.35	-4.83	-14.04	-9.64	357.34
TORQ_COS		105657.32	298.81	45.85	92.70	-90.40	53.22	11.57	-26.37	-15.50	0.86	-0.30	-0.95	2.48	-3.53	-5.45	2.95
TORQ_SIN		0.00	862.08	-46.10	-6.42	-81.17	-67.20	14.92	49.70	-10.98	-2.11	34.19	5.38	-4.69	4.78	-1.76	1.19
THRUST_COS		5704.78	-77.92	-18.91	14.76	19.57	80.58	3.87	7.40	1.07	0.05	2.21	-1.83	0.61	-0.44	1.53	-11.65
THRUST_SIN		0.00	-91.13	9.02	-15.75	17.39	-84.13	6.80	21.91	0.01	3.25	34.99	4.12	2.01	2.84	5.52	-33.30

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.65	47.92	-7.79	-2.57	-13.04	109.04	7.59	-0.41	-1.70	-3.89	-7.13	-0.38	0.12	1.88	-0.59	-9.40
SIDERH_SIN		0.00	232.24	-10.47	3.52	12.83	-40.42	6.20	0.97	-0.88	3.17	-4.79	0.11	0.36	0.43	0.01	-9.67
DRAGRH_COS		-94.68	239.91	-1.24	-2.87	6.23	45.80	-7.13	-0.91	-1.36	-2.71	-13.96	-0.08	-1.27	-0.04	-0.65	3.11
DRAGRH_SIN		0.00	-46.35	21.12	1.27	-1.03	-94.12	-8.17	2.08	-5.33	1.89	11.15	0.08	-0.25	1.85	0.55	-0.48

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.70	-0.01	0.00	0.00	0.00	-0.02	-0.01	0.02	-0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.90	-2.84	0.23	1.80	-3.32	-0.34	1.56	-0.05	-0.58	0.35	0.16	0.16	-0.11	0.10	-0.20	-0.12
ACT1FORCE_SIN		0.00	19.43	-2.53	0.96	2.51	-0.18	-0.83	0.13	-0.03	-0.01	-0.98	-0.18	0.25	-0.04	0.18	-0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.15	8.24	79.27	-17.81	26.89	-2.87	-11.55	0.08	-0.06	0.05	0.18	0.04	-0.02	-0.01	-0.05	0.02
FA1IBVOLTAGE_SIN		0.00	-126.14	-265.22	7.68	-21.91	-2.14	6.51	-0.03	-0.01	0.04	-0.04	0.03	0.01	-0.04	-0.02	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.59	-8.07	-79.12	17.63	-27.33	2.84	11.36	-0.02	0.14	-0.05	-0.16	-0.05	0.01	0.00	0.04	-0.02
FA1OBVOLTAGE_SIN		0.00	126.34	266.00	-7.43	22.35	2.16	-6.54	0.01	-0.03	-0.03	0.03	-0.01	0.00	0.04	0.02	0.05
MRBLD1CB42P75_COS		-849.21	-1988.21	409.87	-14.59	51.02	-119.25	-70.90	57.20	7.92	-15.04	21.32	5.87	2.93	0.09	-1.04	-0.03
MRBLD1CB42P75_SIN		0.00	1318.32	-44.45	182.33	165.87	-26.24	-40.22	-57.34	27.43	14.45	-101.50	-7.99	11.93	12.40	-20.54	26.50

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4574.24	-1437.10	285.21	-52.24	279.01	-163.89	-86.37	35.06	10.28	-8.54	-14.99	3.13	0.98	3.48	-2.26	9.24
MRBLD1CB70_SIN		0.00	1013.12	-189.10	336.64	98.38	-128.36	-81.59	-24.32	21.68	24.91	-59.79	-9.99	6.78	8.71	-20.75	33.13
MRBLD1CB120_COS		-163.37	-795.13	210.47	93.85	293.51	-142.71	-64.97	12.78	-3.26	8.93	-10.45	-3.70	0.81	0.57	5.49	-1.08
MRBLD1CB120_SIN		0.00	785.62	-178.51	278.73	137.95	-174.20	-113.11	-28.82	-34.34	-28.63	58.40	7.34	0.04	1.23	0.46	3.75
MRBLD1CB164_COS		-1979.30	-257.75	67.62	126.53	88.53	-64.42	-10.19	-14.21	-5.38	8.88	10.02	-1.52	1.97	1.09	-3.54	-4.39
MRBLD1CB164_SIN		0.00	301.10	-89.44	148.70	70.56	-97.25	-54.78	-2.02	-42.99	-38.37	55.05	12.56	-0.39	-1.96	18.32	-20.14
MRBLD1FB42P75_COS		2506.81	485.37	85.33	1244.10	-219.87	-66.07	-128.82	-2.23	-103.72	-108.01	31.46	3.47	5.69	3.00	-23.85	42.05
MRBLD1FB42P75_SIN		0.00	-238.21	527.82	222.90	629.37	217.47	46.39	-222.91	-1.52	-76.82	-126.96	-8.72	-4.08	2.60	-51.77	20.00
MRBLD1FB70_COS		601.31	99.79	30.91	381.24	-66.64	-18.06	-22.93	12.17	-2.08	-0.01	1.15	2.38	0.78	0.63	4.21	-8.23
MRBLD1FB70_SIN		0.00	-249.74	193.57	68.31	159.80	35.58	3.55	-34.38	6.46	3.56	1.52	2.30	2.66	0.91	10.56	-4.77
MRBLD1FB87_COS		52.98	114.10	-9.22	210.06	-49.22	-10.87	2.30	-1.86	16.07	20.98	-4.10	1.32	0.02	-0.10	6.35	-7.98
MRBLD1FB87_SIN		0.00	-309.95	131.33	55.62	64.20	3.24	-5.00	18.88	-2.06	14.98	30.74	3.41	2.76	1.16	13.21	-1.21
MRBLD1FB120_COS		-322.57	139.17	-72.25	217.79	-27.83	-16.56	13.40	-24.29	-4.52	-7.75	-5.15	-8.10	-3.48	-1.95	-9.42	12.37
MRBLD1FB120_SIN		0.00	-456.67	129.24	153.46	23.73	-10.27	2.45	56.67	-6.37	-5.42	-12.16	-6.15	-6.78	-4.93	-20.69	2.00
MRBLD1FB164_COS		8.12	193.71	-57.26	126.52	166.49	42.06	16.94	41.07	4.25	9.29	-0.24	6.88	-0.12	-4.87	3.17	-5.83
MRBLD1FB164_SIN		0.00	-578.18	417.44	194.11	-85.17	-40.10	-10.15	-81.73	6.64	12.22	19.12	4.74	6.09	0.50	8.23	-0.01

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-28.58	37.00	-14.57	0.08	118.35	43.73	8.98	29.27	6.15	36.96	-10.76	-17.33	-16.57	-6.63	-8.99	14.51
MRBLD1FB180_SIN		0.00	-401.69	327.99	101.86	-75.65	-24.12	-4.46	-68.44	-0.20	26.60	68.29	1.30	-14.35	-11.27	-25.84	1.53
MRBLD1TOR51_COS		-1491.35	248.03	-97.53	28.83	63.06	-40.42	12.66	5.65	-8.50	6.01	-7.98	-3.03	-2.49	0.22	4.92	0.81
MRBLD1TOR51_SIN		0.00	-85.11	337.52	-35.66	28.05	29.40	-19.86	-38.69	-2.36	2.73	4.57	-2.01	-4.75	-5.97	-7.85	2.07
MRBLD1TOR71_COS		-305.17	266.46	-114.40	-9.77	68.74	-24.36	21.40	0.35	-3.19	8.02	-9.74	-4.74	-1.50	1.13	3.33	0.83
MRBLD1TOR71_SIN		0.00	-79.17	300.31	-70.72	-2.21	25.40	-14.18	-25.26	0.42	6.53	9.34	-0.36	-3.46	-4.27	-3.00	1.37
MRBLD1TOR130_COS		-38.87	242.91	-102.03	-68.51	80.42	-13.71	16.53	5.94	-3.16	4.40	7.75	-3.73	0.15	0.20	-3.35	-0.89
MRBLD1TOR130_SIN		0.00	-43.22	246.02	-79.54	-27.09	20.08	-12.08	-25.12	0.74	-4.24	0.40	4.41	3.33	3.24	4.84	0.16
MRBLD1TOR164_COS		-258.66	135.98	-64.63	-84.54	22.39	-7.77	2.20	-2.20	2.37	3.07	-1.73	-3.99	0.85	-0.25	-1.20	0.79
MRBLD1TOR164_SIN		0.00	21.58	115.99	-91.72	-17.78	18.21	-4.96	-11.41	1.82	3.01	2.57	-0.29	0.93	1.46	-1.07	1.79
MRFBM1CB26P5_COS		-917.12	-1174.40	204.77	-78.20	-49.03	-4.31	4.59	8.40	-1.28	-1.95	12.97	1.02	0.81	-0.68	2.39	-1.43
MRFBM1CB26P5_SIN		0.00	467.46	97.26	-95.05	41.00	13.79	4.67	-12.38	0.10	-7.00	-8.70	0.66	-0.07	-0.47	-1.70	-0.49
MRFBM1FB9_COS		592.01	183.66	-155.26	-250.81	50.10	25.85	6.58	-7.91	3.31	1.18	-3.70	-0.28	0.18	0.25	-1.59	1.15
MRFBM1FB9_SIN		0.00	42.92	-266.39	-185.68	-69.25	-10.24	8.04	8.15	3.40	3.86	1.93	0.50	0.03	0.08	1.13	-1.42
MRFBM1TOR26P5_COS		-106.85	71.98	2.43	-0.28	1.53	-0.49	0.38	0.07	-0.10	-0.04	-0.22	0.31	-0.02	-0.04	0.07	0.03
MRFBM1TOR26P5_SIN		0.00	-287.04	3.58	-0.62	0.00	0.44	-0.38	-0.26	0.05	0.13	0.06	-0.16	-0.07	-0.10	-0.11	-0.08

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		461.69	-1532.38	342.44	-10.54	-72.79	-65.37	-55.71	34.67	4.82	-7.68	21.89	3.55	5.15	0.07	2.21	-0.49
MRPC1CB33P25_SIN		0.00	1188.17	-22.93	55.29	186.45	16.97	-19.58	-62.72	8.86	-12.58	-73.54	-3.92	6.62	10.03	-19.78	23.85
MRPC1FB33P25_COS		1747.99	398.13	-71.22	1016.66	-306.50	-113.22	-127.07	87.44	-72.79	-36.10	99.90	11.57	9.14	-0.57	30.93	7.24
MRPC1FB33P25_SIN		0.00	3.08	417.89	399.57	476.63	152.92	-5.54	-190.68	-55.89	-118.69	-78.42	-3.55	2.13	5.41	-50.04	52.96
MRPC1TOR25P5_COS		-404.90	-199.37	72.38	24.79	-76.52	45.28	-16.77	-1.65	10.34	-2.45	21.00	2.09	4.32	0.64	-5.32	-0.68
MRPC1TOR25P5_SIN		0.00	-196.89	-353.37	53.77	-12.25	-29.63	26.13	35.14	1.36	-10.38	-11.58	7.32	10.88	10.45	10.80	5.97
MRPLK1LOAD_COS		-5.52	-29.89	9.94	0.78	-12.61	7.69	-2.98	-0.25	2.52	0.18	3.13	-1.17	0.55	0.49	-1.11	-0.38
MRPLK1LOAD_SIN		0.00	-19.72	-48.06	4.14	-2.77	-5.05	3.80	5.46	0.15	-1.19	-1.25	0.81	1.63	1.68	1.96	1.15
PITCHRH_COS		3338.68	-8874.20	520.16	2.18	103.24	-1116.40	-76.77	-49.28	-39.12	61.60	28.91	25.97	34.38	1.91	10.87	-96.53
PITCHRH_SIN		0.00	1440.43	-125.09	-87.82	-73.43	3080.96	240.38	-56.09	88.92	28.24	-439.78	-41.69	5.33	-81.65	9.53	-7.46
ROLLRH_COS		1177.69	-1620.35	112.64	-70.94	52.09	-3277.33	-134.49	-1.88	15.82	8.22	187.92	-0.53	-27.98	-59.74	31.34	294.29
ROLLRH_SIN		0.00	-9023.76	736.05	167.44	-74.57	-600.63	-50.72	-59.69	69.10	-32.72	-96.46	1.43	4.51	5.57	-4.87	201.04
TORQ_COS		106679.57	302.74	55.52	75.51	-86.92	53.72	9.88	-38.45	-11.51	0.22	-27.03	-0.45	-1.18	-2.78	-3.42	3.87
TORQ_SIN		0.00	892.02	-41.59	33.58	-58.99	-118.90	9.33	62.48	-9.51	-6.35	39.58	4.99	-6.17	5.36	-5.05	0.28
THRUST_COS		5647.69	-81.97	-10.94	20.76	15.53	81.53	5.63	8.14	3.61	-1.36	-15.89	-3.09	-0.97	0.97	-2.07	-17.85
THRUST_SIN		0.00	-97.26	34.65	-13.59	15.55	-102.80	7.91	29.39	0.35	-0.06	49.78	3.50	4.26	1.87	5.46	-31.42

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.85	47.35	-4.89	3.28	7.13	187.54	18.16	-2.44	-2.35	0.70	-7.12	0.08	0.60	1.50	-1.03	-7.90
SIDERH_SIN		0.00	233.39	-18.55	2.53	21.59	-19.66	1.07	2.68	-2.38	2.47	-1.56	-0.57	-0.55	-0.47	-0.08	-5.16
DRAGRH_COS		-122.39	239.96	-7.86	-1.58	-1.47	-208.56	-17.50	1.82	0.92	-7.03	-7.07	-0.90	-1.76	0.77	-0.80	5.99
DRAGRH_SIN		0.00	-46.02	22.44	1.37	-2.26	-130.17	-29.52	6.53	-1.11	-1.04	14.87	1.29	1.12	2.91	0.99	-0.86

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.05	0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.48	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.65	-2.92	-1.01	2.85	-2.54	-0.31	-0.87	-0.12	-0.18	-0.09	-0.06	0.22	-0.06	-0.01	0.53	-0.12
ACT1FORCE_SIN		0.00	19.86	-7.04	-0.78	3.72	-0.03	-1.19	0.14	0.28	-0.29	0.49	-0.02	0.10	0.01	0.20	-0.28
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.67	4.58	-62.21	-18.95	18.44	-0.78	6.93	0.02	-0.06	-0.02	-0.12	0.03	-0.05	0.03	-0.02	0.02
FA1IBVOLTAGE_SIN		0.00	-129.76	-241.76	18.94	-34.71	1.99	8.48	-0.04	0.06	-0.08	-0.04	0.02	-0.04	-0.01	0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.06	-4.45	62.87	18.97	-18.22	0.77	-7.08	-0.03	-0.01	0.01	0.11	-0.01	0.06	-0.03	0.03	-0.03
FA1OBVOLTAGE_SIN		0.00	129.94	242.25	-18.72	35.28	-1.97	-8.28	0.01	-0.08	0.07	0.02	-0.02	0.03	0.01	-0.05	-0.01
MRBLD1CB42P75_COS		-812.15	-2088.62	381.40	-27.67	15.38	-100.24	-82.48	50.94	15.05	-23.69	16.00	-4.39	0.85	6.24	-17.30	2.13
MRBLD1CB42P75_SIN		0.00	1200.21	-28.25	161.20	104.91	-20.57	-25.09	-97.98	40.17	6.83	-87.61	-9.01	9.86	12.83	-16.76	27.77

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4594.06	-1505.93	256.90	-27.54	197.52	-170.39	-125.77	25.90	15.96	-17.79	-25.89	-4.09	-0.26	8.20	-14.29	13.87
MRBLD1CB70_SIN		0.00	930.87	-180.22	305.93	6.95	-138.83	-60.88	-64.88	27.59	19.32	-50.11	-11.09	7.16	5.31	-18.20	34.58
MRBLD1CB120_COS		-160.23	-824.50	198.87	120.47	214.77	-171.64	-113.10	4.77	-9.01	6.63	-3.15	-2.46	2.87	-0.23	7.61	-0.75
MRBLD1CB120_SIN		0.00	746.01	-169.69	251.73	69.90	-194.44	-100.83	-63.23	-40.98	-27.63	56.23	10.08	-1.04	1.99	-2.46	2.92
MRBLD1CB164_COS		-1978.19	-266.21	46.20	148.41	61.96	-83.37	-33.07	-14.84	-14.59	11.31	20.90	-1.35	1.88	-2.07	5.02	-7.58
MRBLD1CB164_SIN		0.00	288.48	-97.18	125.83	51.46	-113.99	-57.69	1.74	-54.47	-35.37	57.64	13.03	-2.28	-2.68	19.18	-21.99
MRBLD1FB42P75_COS		2516.66	514.62	118.91	1213.81	-181.34	-41.75	-116.29	-64.22	-109.22	-120.35	51.94	0.16	1.49	15.18	-43.44	46.59
MRBLD1FB42P75_SIN		0.00	-228.91	562.76	116.05	666.40	234.67	60.41	-337.61	21.62	-75.18	-128.31	-0.25	-10.93	0.88	-24.18	15.37
MRBLD1FB70_COS		606.45	102.66	38.03	378.73	-60.65	-13.44	-22.29	0.35	-2.10	-1.87	0.68	2.04	1.00	-1.09	9.12	-8.71
MRBLD1FB70_SIN		0.00	-252.38	203.46	27.51	169.51	39.01	6.98	-53.87	9.62	4.14	2.12	1.82	3.36	0.60	5.81	-3.77
MRBLD1FB87_COS		55.63	117.05	-9.26	215.58	-44.55	-12.44	0.65	2.90	16.59	23.33	-9.18	2.57	1.13	-3.00	9.95	-9.37
MRBLD1FB87_SIN		0.00	-309.10	133.71	26.60	72.75	3.05	-6.79	28.76	-5.34	15.19	30.07	1.26	4.32	2.18	7.14	-0.33
MRBLD1FB120_COS		-319.49	135.90	-84.70	235.69	-18.07	-25.81	12.13	-5.85	-5.08	-5.09	-4.19	-8.43	-4.49	1.33	-14.56	14.37
MRBLD1FB120_SIN		0.00	-450.58	124.68	108.83	35.01	-12.11	-6.12	85.69	-10.62	-7.05	-13.07	-5.42	-9.13	-6.18	-12.22	0.61
MRBLD1FB164_COS		12.02	189.13	20.15	117.64	164.28	51.91	21.27	19.15	2.92	4.48	-4.16	9.20	1.36	-7.91	4.81	-6.06
MRBLD1FB164_SIN		0.00	-597.81	441.22	188.17	-113.95	-40.86	-1.77	-121.14	14.47	15.30	17.60	2.45	8.99	2.65	2.40	-0.70

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-25.00	33.72	65.52	-12.56	108.20	56.28	14.99	3.98	2.20	37.36	-18.76	-15.88	-17.25	-6.15	-15.59	16.79
MRBLD1FB180_SIN		0.00	-421.36	347.99	121.72	-101.97	-26.01	7.83	-102.42	1.67	26.20	66.53	-0.33	-14.31	-12.88	-17.06	1.10
MRBLD1TOR51_COS		-1496.92	261.35	2.04	-22.13	60.74	-32.93	23.90	-6.08	-11.14	8.00	-6.77	-5.85	-2.57	0.84	2.95	0.95
MRBLD1TOR51_SIN		0.00	-131.72	397.83	-4.09	-3.08	29.09	-12.94	-61.53	-0.90	0.31	10.17	-1.41	-5.33	-7.53	-6.64	4.27
MRBLD1TOR71_COS		-312.00	281.32	-19.80	-57.56	66.96	-18.31	32.14	-10.06	-5.23	10.67	-8.85	-6.88	-1.44	0.82	3.33	0.44
MRBLD1TOR71_SIN		0.00	-121.19	355.30	-35.81	-29.39	24.35	-8.57	-39.85	0.65	5.01	13.08	0.69	-3.99	-5.63	-3.09	2.61
MRBLD1TOR130_COS		-45.80	258.32	-5.66	-112.73	75.42	-7.69	24.48	-1.18	-4.99	4.72	9.98	-5.46	0.23	-0.80	-1.69	-1.60
MRBLD1TOR130_SIN		0.00	-85.74	296.59	-36.75	-52.44	17.93	-6.61	-38.72	2.84	-5.58	2.15	6.17	2.85	3.65	3.45	-0.93
MRBLD1TOR164_COS		-264.47	148.78	0.03	-113.34	16.28	-5.19	6.15	-5.92	2.20	3.84	-1.57	-3.22	1.11	-0.98	-2.88	1.50
MRBLD1TOR164_SIN		0.00	-7.94	149.11	-58.14	-28.47	15.99	-2.64	-15.70	1.95	3.78	-0.29	0.81	1.04	2.70	-3.08	0.36
MRFBM1CB26P5_COS		-864.82	-1236.97	201.22	-104.40	-31.51	2.92	11.81	8.46	-0.34	-1.22	16.08	0.81	0.99	-0.37	0.91	-2.00
MRFBM1CB26P5_SIN		0.00	388.29	112.55	-87.29	36.53	21.57	4.39	-10.91	1.84	-7.28	-7.14	1.06	-0.79	0.68	-1.97	-0.51
MRFBM1FB9_COS		609.35	233.08	-167.99	-254.46	46.10	24.32	6.20	-10.18	4.06	1.42	-3.68	-0.17	-0.09	0.05	-0.66	0.66
MRFBM1FB9_SIN		0.00	60.49	-292.88	-158.15	-71.54	-11.98	8.43	15.44	2.72	4.13	1.12	0.75	0.06	-0.32	1.59	-1.73
MRFBM1TOR26P5_COS		-104.94	71.66	3.22	-0.63	1.62	-0.42	0.60	-0.07	-0.13	-0.05	-0.27	0.30	-0.03	0.00	0.04	0.04
MRFBM1TOR26P5_SIN		0.00	-285.23	4.20	-0.46	-0.69	0.47	-0.41	-0.37	0.02	0.09	0.16	-0.23	-0.06	-0.13	-0.03	-0.05

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		479.26	-1611.44	317.72	-38.97	-78.33	-42.86	-59.18	28.96	12.75	-13.37	25.39	-3.75	3.64	5.39	-11.05	0.69
MRPC1CB33P25_SIN		0.00	1103.71	-14.63	50.09	169.06	22.67	-14.50	-90.57	18.76	-17.74	-65.74	-1.61	3.61	11.57	-15.92	24.30
MRPC1FB33P25_COS		1755.62	418.62	-53.90	1011.49	-285.36	-97.97	-122.28	85.08	-86.33	-46.21	115.92	2.92	11.64	8.73	-5.55	12.48
MRPC1FB33P25_SIN		0.00	12.21	447.97	304.63	514.77	171.77	11.33	-306.38	-40.96	-124.35	-66.20	-0.36	-5.72	14.16	-50.64	53.90
MRPC1TOR25P5_COS		-392.96	-216.05	-34.04	80.22	-76.33	37.83	-28.79	11.19	13.46	-5.08	20.17	4.15	5.47	-1.02	-5.04	-1.09
MRPC1TOR25P5_SIN		0.00	-146.58	-416.49	16.66	20.77	-29.23	19.44	55.51	0.55	-7.17	-17.51	8.20	10.72	13.83	6.41	2.00
MRPLK1LOAD_COS		-3.93	-32.04	-4.23	8.28	-12.56	6.59	-4.74	1.80	2.93	-0.11	3.15	-1.00	0.79	0.00	-0.75	-0.58
MRPLK1LOAD_SIN		0.00	-12.93	-56.38	-0.84	1.90	-5.06	2.81	8.43	0.12	-0.68	-2.29	1.27	1.56	2.21	0.97	0.47
PITCHRH_COS		2216.63	-8946.04	732.61	66.00	55.73	-454.85	-31.03	-77.06	-128.97	100.77	-26.30	22.63	66.21	-48.63	9.23	-218.48
PITCHRH_SIN		0.00	1441.63	-3.66	-123.08	-140.31	3269.21	225.84	-82.60	37.83	21.29	-416.31	-49.07	23.74	-131.96	25.13	67.64
ROLLRH_COS		577.28	-1592.93	46.82	-19.96	-31.86	-3720.75	-129.10	-28.23	46.75	-10.13	141.27	-1.03	-39.66	-59.20	21.38	223.39
ROLLRH_SIN		0.00	-9014.65	933.98	212.91	-155.01	-200.88	-72.51	-58.68	79.57	6.98	-115.66	2.68	40.74	30.86	15.91	22.26
TORQ_COS		107804.66	332.03	72.28	136.11	-55.30	12.06	6.43	-33.62	-11.47	-3.92	-40.71	0.70	2.40	-1.97	-4.02	6.28
TORQ_SIN		0.00	907.75	-38.27	93.61	-22.03	-163.08	9.45	43.77	-15.59	-4.36	39.96	0.68	-3.52	4.24	-2.79	0.02
THRUST_COS		5672.50	-96.93	12.94	31.74	10.98	72.77	6.09	9.26	7.83	-1.78	-27.55	-4.85	1.43	-2.28	2.86	-23.96
THRUST_SIN		0.00	-100.41	46.74	-22.04	15.95	-123.68	6.77	23.79	-1.58	-1.27	44.96	4.49	3.15	2.09	4.09	-32.84

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.66	47.77	-2.45	8.78	27.19	217.26	15.35	-1.15	-3.00	1.50	-4.34	-0.30	0.77	1.60	-0.95	-5.66
SIDERH_SIN		0.00	234.19	-25.34	7.38	23.88	-74.08	-0.70	3.09	-3.29	0.48	-0.30	-1.44	-1.70	-1.46	-0.44	-0.25
DRAGRH_COS		-128.68	241.11	-11.83	-5.49	-1.97	-300.03	-20.57	1.65	2.64	-9.37	-5.29	-1.92	-2.59	3.21	-0.11	11.06
DRAGRH_SIN		0.00	-44.54	30.25	2.41	0.28	-16.30	-26.35	4.65	-2.35	0.08	13.58	2.29	0.15	5.90	-0.03	-4.36

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.77	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.02	-0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	-0.01	-1.26	0.01	-0.01	0.00	0.00	0.01	0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.02	-2.22	-4.61	2.26	-1.75	-0.50	-1.24	-0.55	-0.15	0.05	1.17	-0.08	0.08	-0.08	-0.18	-0.31
ACT1FORCE_SIN		0.00	20.32	-9.88	-2.11	3.69	0.05	1.36	0.45	-0.05	0.00	-0.54	-0.11	0.06	0.04	0.19	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.84	-3.55	-172.18	-10.28	5.79	3.46	6.38	-0.04	0.07	0.00	0.14	0.00	0.01	-0.03	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-128.62	-151.61	29.09	-32.56	0.37	-12.39	0.02	0.06	0.03	0.09	-0.02	0.04	-0.01	-0.01	-0.06
FA1OBCURRENT_COS		0.02	0.02	0.05	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.88	3.57	172.76	10.47	-5.33	-3.50	-6.31	0.04	-0.04	0.00	-0.15	-0.02	-0.02	0.02	0.03	0.01
FA1OBVOLTAGE_SIN		0.00	128.80	151.85	-28.96	32.66	-0.42	12.57	0.02	0.02	-0.03	-0.06	0.03	-0.02	0.00	0.01	0.05
MRBLD1CB42P75_COS		-821.80	-1803.25	404.57	-37.33	-1.24	-72.90	-96.20	62.99	18.87	-29.40	46.38	-12.67	0.01	5.56	-15.06	3.58
MRBLD1CB42P75_SIN		0.00	1448.96	23.35	151.16	84.49	-28.78	-16.29	-114.27	40.97	14.16	-95.32	-11.98	8.31	6.22	0.42	25.18

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4585.18	-1332.75	264.20	-29.41	132.66	-157.87	-143.68	32.53	20.08	-19.16	-24.16	-9.85	2.23	6.38	-11.95	16.30
MRBLD1CB70_SIN		0.00	1076.72	-121.29	255.98	21.74	-133.71	-22.69	-80.83	23.50	28.38	-56.78	-14.55	6.93	1.73	-2.76	30.31
MRBLD1CB120_COS		-162.50	-759.30	214.83	115.85	156.29	-179.68	-130.26	14.46	-9.52	7.72	-10.55	0.45	1.07	3.10	4.76	-1.30
MRBLD1CB120_SIN		0.00	774.62	-124.43	190.74	99.27	-171.84	-50.68	-80.79	-40.50	-36.93	52.28	9.97	-0.73	3.56	-1.60	3.58
MRBLD1CB164_COS		-1977.59	-252.50	31.05	138.36	42.08	-95.78	-41.43	-14.42	-20.37	14.13	28.92	0.22	-3.49	-1.13	5.01	-11.10
MRBLD1CB164_SIN		0.00	285.99	-81.21	84.58	65.57	-99.32	-39.35	2.47	-55.40	-48.54	60.32	16.84	-2.90	-0.35	7.66	-19.55
MRBLD1FB42P75_COS		2518.15	436.68	169.53	1067.54	-113.85	-36.40	-128.08	-53.78	-99.99	-135.38	101.43	-10.39	-4.24	13.64	-11.19	44.89
MRBLD1FB42P75_SIN		0.00	-270.50	504.08	27.86	611.46	244.41	79.40	-407.56	28.11	-74.71	-183.74	9.58	-10.41	-8.38	-2.84	11.84
MRBLD1FB70_COS		610.64	99.60	46.24	333.74	-42.71	-11.44	-25.96	2.41	-0.70	-2.96	-0.25	2.10	1.59	-1.09	2.80	-8.59
MRBLD1FB70_SIN		0.00	-239.45	188.64	-8.69	156.18	42.14	12.09	-65.90	10.31	5.55	1.84	2.38	3.35	2.12	1.31	-2.85
MRBLD1FB87_COS		59.40	113.73	-12.38	190.86	-34.52	-13.13	-0.39	2.29	15.59	25.70	-21.41	5.01	2.25	-2.59	2.55	-9.05
MRBLD1FB87_SIN		0.00	-297.31	124.28	-0.44	68.51	5.04	-7.65	33.74	-6.28	15.01	42.83	-1.38	4.08	4.02	2.55	0.19
MRBLD1FB120_COS		-315.13	128.73	-99.28	204.79	-13.69	-33.30	11.39	-8.60	-7.72	-2.83	0.76	-9.60	-4.71	1.17	-4.03	13.99
MRBLD1FB120_SIN		0.00	-432.20	114.90	70.61	39.30	-8.33	-13.75	103.37	-11.00	-8.56	-14.95	-4.48	-9.18	-8.67	-4.71	-0.40
MRBLD1FB164_COS		16.97	159.38	92.10	88.92	142.91	59.39	22.12	27.31	5.88	1.72	-14.26	11.80	3.93	-8.11	-2.22	-5.42
MRBLD1FB164_SIN		0.00	-600.90	389.78	184.59	-110.36	-40.93	0.75	-143.92	18.83	17.53	23.86	-0.54	8.45	5.69	-1.89	-1.72

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.64	11.30	138.26	-22.80	90.41	66.32	16.27	9.20	3.94	40.81	-42.35	-8.67	-15.70	-4.09	-3.34	16.96
MRBLD1FB180_SIN		0.00	-430.66	306.11	135.65	-102.10	-28.76	15.66	-124.03	2.11	26.61	92.55	-3.81	-15.17	-13.43	-8.85	1.44
MRBLD1TOR51_COS		-1505.62	249.11	129.17	-45.50	45.35	-23.12	31.83	-4.85	-14.97	7.45	-9.32	-5.65	-1.81	2.73	2.99	-0.08
MRBLD1TOR51_SIN		0.00	-174.55	381.71	47.65	-18.56	27.13	-6.93	-67.21	-2.20	-3.70	8.29	0.39	-8.69	-6.44	-2.10	5.11
MRBLD1TOR71_COS		-319.97	266.36	96.51	-74.27	50.53	-9.88	40.97	-10.66	-8.87	11.13	-14.31	-4.57	-0.92	2.54	2.49	-0.46
MRBLD1TOR71_SIN		0.00	-164.12	339.58	17.96	-42.50	21.87	-4.11	-42.69	-0.72	1.38	12.78	1.41	-6.61	-4.15	-0.35	3.61
MRBLD1TOR130_COS		-54.68	244.91	107.11	-119.79	55.48	-0.24	31.22	0.02	-6.33	3.87	12.28	-3.07	-0.59	-0.17	-2.30	-1.22
MRBLD1TOR130_SIN		0.00	-130.92	279.99	22.16	-62.06	14.26	-3.44	-43.08	3.47	-8.45	2.31	4.56	2.19	3.51	2.55	-0.67
MRBLD1TOR164_COS		-272.49	144.08	73.65	-110.76	7.50	-3.48	7.80	-5.28	3.20	4.68	-6.40	0.74	0.72	-0.94	-2.95	3.09
MRBLD1TOR164_SIN		0.00	-42.20	142.55	-14.70	-31.87	14.32	-2.70	-18.24	2.12	4.37	1.51	-1.65	2.33	2.23	-1.98	-0.75
MRFBM1CB26P5_COS		-874.95	-1084.70	210.26	-104.01	-19.30	14.96	13.75	9.25	-0.39	-1.88	25.29	0.17	0.12	0.27	0.62	-2.11
MRFBM1CB26P5_SIN		0.00	571.49	126.23	-65.25	17.52	17.70	-2.51	-10.54	2.82	-8.41	-7.33	1.62	-1.36	0.50	-0.55	0.09
MRFBM1FB9_COS		619.21	75.50	-201.44	-230.01	37.44	24.37	9.06	-13.23	4.05	2.07	-5.65	0.62	-0.02	-0.05	-0.06	0.64
MRFBM1FB9_SIN		0.00	-47.06	-273.87	-119.56	-65.94	-12.89	8.61	18.34	2.58	4.42	0.81	1.27	0.30	-0.05	0.61	-1.57
MRFBM1TOR26P5_COS		-105.41	69.31	3.96	-0.82	1.36	-0.36	0.80	-0.07	-0.20	-0.06	-0.25	0.10	-0.01	-0.02	0.08	0.02
MRFBM1TOR26P5_SIN		0.00	-270.65	4.01	0.17	-1.00	0.37	-0.26	-0.25	-0.07	0.10	0.08	-0.08	-0.08	-0.13	-0.06	-0.06

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		479.40	-1364.04	348.12	-44.46	-59.94	-22.98	-70.03	38.45	16.21	-18.27	55.58	-8.43	1.76	6.14	-9.43	1.34
MRPC1CB33P25_SIN		0.00	1289.93	18.82	67.68	141.36	14.70	-15.44	-105.92	24.28	-16.15	-75.67	-0.75	3.07	6.31	-0.32	22.63
MRPC1FB33P25_COS		1755.79	357.16	-5.16	906.12	-217.68	-97.28	-139.13	120.18	-81.87	-58.46	184.98	-10.02	7.14	14.35	-3.99	14.23
MRPC1FB33P25_SIN		0.00	-28.21	405.91	206.63	485.52	182.05	22.29	-357.06	-31.50	-131.01	-79.04	-0.34	-9.42	6.71	-9.29	49.85
MRPC1TOR25P5_COS		-386.53	-201.65	-166.18	100.88	-60.68	28.34	-38.56	10.95	17.64	-3.90	26.45	6.61	3.61	-1.69	-6.98	0.71
MRPC1TOR25P5_SIN		0.00	-77.06	-398.57	-41.34	35.82	-28.48	13.55	59.30	1.95	-3.02	-14.42	3.01	13.95	12.63	5.20	1.14
MRPLK1LOAD_COS		-2.79	-30.09	-22.09	11.46	-10.24	5.17	-6.23	1.78	3.64	0.13	3.64	0.16	0.50	0.06	-1.28	-0.24
MRPLK1LOAD_SIN		0.00	-3.20	-53.78	-8.78	4.25	-4.66	1.64	8.78	0.57	-0.18	-1.55	0.03	1.94	2.18	0.82	0.42
PITCHRH_COS		4335.88	-8946.54	892.40	65.43	27.27	9.13	10.31	-141.69	-8.47	84.38	-66.90	16.80	87.75	-20.87	-18.91	-194.19
PITCHRH_SIN		0.00	1479.87	-89.60	-181.88	-168.14	2690.41	171.10	1.59	110.29	-27.83	-315.50	-13.97	-0.69	-50.32	-21.58	194.29
ROLLRH_COS		2412.11	-1587.45	142.74	113.84	-68.67	-3462.26	-31.74	25.90	34.44	28.66	165.25	-11.37	43.52	-37.07	56.24	105.09
ROLLRH_SIN		0.00	-9021.54	990.94	212.08	-127.31	517.06	-72.50	-82.12	-15.88	74.13	-122.72	2.01	49.55	-13.10	6.77	61.62
TORQ_COS		107786.82	372.56	75.29	211.08	-38.84	-61.02	3.73	-31.70	-12.93	-4.62	-77.78	-3.19	3.23	-1.71	-3.04	5.89
TORQ_SIN		0.00	888.27	-49.10	69.92	-10.46	-120.03	13.14	34.73	-19.45	-2.18	46.02	-0.12	-3.57	3.88	-5.17	-1.11
THRUST_COS		5701.72	-103.81	25.20	30.17	7.07	59.72	2.51	10.46	6.82	-1.14	-58.75	-5.98	-0.37	-1.90	-1.42	-27.77
THRUST_SIN		0.00	-93.76	48.60	-34.03	15.65	-129.86	9.17	20.09	-2.02	-4.19	54.52	3.87	-2.78	4.85	-1.35	-23.46

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.82	44.61	-5.72	5.82	33.07	191.13	14.53	-1.04	-2.28	-0.62	-2.62	-0.35	-1.36	0.63	-1.57	-2.02
SIDERH_SIN		0.00	236.14	-25.55	1.19	17.47	-124.47	-5.14	3.78	-0.90	-1.76	0.00	-0.62	-1.32	0.23	-0.03	-1.88
DRAGRH_COS		-99.12	238.73	-15.29	-5.95	-2.06	-258.41	-33.27	1.46	0.99	-10.21	-2.37	-0.68	-5.01	2.38	0.64	9.12
DRAGRH_SIN		0.00	-45.09	34.62	2.79	0.53	77.56	-22.14	1.26	-4.35	3.49	12.40	1.13	1.55	1.84	1.38	-9.94

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.30	0.00	0.00	0.00	0.00	-0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.71	-1.70	-9.89	1.80	-0.90	-0.51	1.76	-0.54	-0.49	-0.15	-0.17	0.20	0.06	-0.07	0.00	-0.16
ACT1FORCE_SIN		0.00	20.91	-10.99	-4.15	3.93	-0.35	1.74	0.89	-0.06	-0.31	-0.39	0.27	0.06	0.11	-0.31	0.08
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		371.15	-2.22	-219.98	-2.21	-1.68	2.00	-18.72	0.01	0.08	0.02	-0.02	-0.02	0.05	0.01	0.02	-0.05
FA1IBVOLTAGE_SIN		0.00	-129.01	-10.55	36.55	-26.42	0.00	-11.21	0.01	-0.09	-0.06	-0.11	0.01	-0.01	-0.02	-0.06	-0.03
FA1OBCURRENT_COS		0.02	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.06	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		434.56	2.23	220.51	2.41	1.97	-2.16	18.90	0.05	-0.01	-0.04	0.03	0.02	-0.05	-0.01	-0.01	0.04
FA1OBVOLTAGE_SIN		0.00	129.21	10.29	-36.58	26.07	-0.02	11.17	0.01	0.00	0.04	0.11	-0.02	-0.01	0.03	0.05	0.03
MRBLD1CB42P75_COS		-814.92	-1543.40	471.82	-47.18	-58.14	-63.22	-99.32	46.51	15.53	-38.02	53.91	-33.65	-1.95	8.08	-5.16	6.96
MRBLD1CB42P75_SIN		0.00	1736.95	69.55	157.96	44.97	-44.39	-5.90	-138.37	46.59	27.28	-134.46	2.11	5.13	4.89	10.82	19.99

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4582.92	-1186.82	313.17	-35.95	26.67	-184.42	-162.74	16.08	14.81	-20.46	-19.40	-24.85	2.03	8.33	-2.09	22.74
MRBLD1CB70_SIN		0.00	1276.79	-67.61	207.53	22.33	-135.32	17.12	-93.91	26.46	40.38	-60.34	-4.37	2.41	1.24	2.16	28.11
MRBLD1CB120_COS		-171.21	-716.42	256.79	83.07	58.01	-227.27	-166.23	5.20	-6.97	11.98	-21.16	8.26	1.77	3.70	6.12	0.31
MRBLD1CB120_SIN		0.00	865.05	-91.85	131.74	122.84	-153.99	-2.62	-79.75	-35.63	-44.74	64.19	3.81	1.26	1.85	-3.17	5.64
MRBLD1CB164_COS		-1982.91	-244.54	25.83	109.50	9.27	-121.62	-63.08	-9.70	-19.39	17.40	25.99	10.33	-3.66	-1.78	-1.59	-14.98
MRBLD1CB164_SIN		0.00	305.29	-59.03	40.56	79.47	-89.90	-21.24	12.45	-52.17	-61.19	52.83	13.69	2.55	-1.15	3.93	-19.62
MRBLD1FB42P75_COS		2525.02	371.17	228.34	807.89	-115.30	-4.46	-129.32	-106.49	-82.60	-156.12	46.70	-12.65	-11.58	12.51	13.59	40.51
MRBLD1FB42P75_SIN		0.00	-341.08	435.39	11.16	574.57	247.36	76.97	-445.65	36.70	-66.91	-251.02	27.12	-10.65	-12.40	-9.47	5.60
MRBLD1FB70_COS		609.28	101.21	60.62	248.73	-45.98	-5.08	-28.44	-7.89	0.47	-3.74	-0.87	2.68	1.98	-1.37	-1.59	-7.34
MRBLD1FB70_SIN		0.00	-245.58	174.54	-28.23	147.56	43.55	13.24	-72.67	11.08	7.20	1.65	1.65	3.38	2.61	2.03	-1.50
MRBLD1FB87_COS		56.53	113.90	-14.25	141.22	-31.59	-12.79	-2.10	6.44	13.85	30.08	-9.28	6.51	4.21	-2.11	-2.67	-7.90
MRBLD1FB87_SIN		0.00	-302.47	118.86	-23.33	67.39	5.89	-6.36	37.13	-7.64	13.90	59.19	-6.47	4.33	4.96	3.86	1.15
MRBLD1FB120_COS		-315.52	131.12	-111.82	152.59	2.50	-36.67	10.39	7.47	-10.89	-4.28	-1.52	-12.55	-7.64	1.05	3.01	12.36
MRBLD1FB120_SIN		0.00	-435.80	114.49	28.89	39.30	-6.01	-16.12	110.33	-11.64	-11.88	-21.74	-0.86	-10.35	-10.31	-7.76	-2.41
MRBLD1FB164_COS		26.86	126.39	150.06	57.40	135.91	54.82	24.35	7.80	7.66	3.84	-8.92	13.39	7.06	-6.84	-8.30	-6.70
MRBLD1FB164_SIN		0.00	-618.71	306.77	193.79	-110.37	-36.62	0.61	-154.94	20.71	22.43	35.60	-6.32	8.05	8.44	0.99	-1.91

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-10.25	-17.90	192.44	-26.48	81.37	65.58	16.45	-11.46	2.80	45.10	-18.79	-4.92	-17.63	-4.87	4.11	15.95
MRBLD1FB180_SIN		0.00	-445.53	232.10	156.70	-103.61	-22.54	19.54	-134.84	2.48	27.88	122.92	-13.05	-16.39	-15.22	-12.31	-2.20
MRBLD1TOR51_COS		-1510.43	222.20	245.54	-64.07	16.80	-16.71	25.63	-13.87	-17.80	5.66	-9.48	-2.98	-4.08	1.94	4.76	1.80
MRBLD1TOR51_SIN		0.00	-208.49	316.28	111.85	-38.76	16.81	-17.18	-70.52	1.71	-4.76	16.79	1.88	-8.23	-7.10	-1.79	6.55
MRBLD1TOR71_COS		-326.31	238.47	201.29	-81.78	25.91	-4.21	35.43	-17.35	-11.67	10.84	-15.72	-1.34	-2.69	2.07	3.25	1.16
MRBLD1TOR71_SIN		0.00	-201.01	277.96	80.65	-58.48	12.38	-14.15	-43.08	1.91	-0.16	23.62	0.70	-5.35	-4.82	-0.90	4.25
MRBLD1TOR130_COS		-60.37	217.20	206.49	-110.03	31.07	4.74	25.87	-5.65	-6.50	2.48	10.51	-3.24	-0.83	0.23	-2.81	-1.04
MRBLD1TOR130_SIN		0.00	-168.62	216.92	87.03	-72.16	5.42	-11.13	-45.82	5.70	-9.61	-0.18	3.13	3.77	3.14	1.64	-2.01
MRBLD1TOR164_COS		-279.39	127.63	137.33	-93.11	-6.91	-0.52	2.39	-7.73	3.40	6.61	-8.04	-0.47	2.31	-0.22	-2.80	2.34
MRBLD1TOR164_SIN		0.00	-68.55	104.45	29.30	-34.52	10.05	-6.66	-19.94	1.56	4.42	4.34	-5.48	2.27	2.62	-1.46	-3.74
MRFBM1CB26P5_COS		-878.85	-970.25	234.68	-96.48	-7.02	28.96	18.19	9.84	0.15	-4.16	25.73	-0.08	-0.34	0.23	1.15	-2.59
MRFBM1CB26P5_SIN		0.00	770.18	142.64	-29.08	-11.30	11.55	-9.27	-13.02	3.56	-8.85	-18.25	1.88	-1.00	0.14	0.70	-0.54
MRFBM1FB9_COS		660.04	-80.79	-245.08	-168.94	39.96	22.59	10.36	-12.55	4.25	2.84	-7.14	1.73	-0.05	-0.15	-0.21	0.41
MRFBM1FB9_SIN		0.00	-152.14	-248.49	-92.80	-57.94	-13.78	10.02	22.15	1.87	4.64	3.00	1.10	0.74	-0.06	-0.19	-1.77
MRFBM1TOR26P5_COS		-105.18	68.29	4.62	-1.02	1.10	-0.58	1.09	-0.09	-0.28	-0.10	-0.07	0.16	-0.04	-0.04	0.09	0.00
MRFBM1TOR26P5_SIN		0.00	-260.19	3.62	0.92	-1.76	0.09	-0.31	-0.20	-0.04	0.14	0.18	0.11	-0.13	-0.10	-0.04	0.02

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		491.78	-1117.81	412.40	-44.52	-67.88	-7.11	-69.89	24.72	19.54	-25.60	51.71	-17.96	-0.39	9.16	0.97	4.65
MRPC1CB33P25_SIN		0.00	1497.01	40.34	105.48	100.08	1.49	-16.96	-123.33	29.44	-11.58	-115.67	8.58	1.05	5.00	7.90	18.74
MRPC1FB33P25_COS		1760.79	306.25	49.92	695.20	-211.12	-73.75	-139.33	93.85	-71.50	-77.21	183.89	-23.95	3.09	17.02	16.34	18.36
MRPC1FB33P25_SIN		0.00	-91.36	358.32	147.76	455.23	194.61	21.36	-408.03	-17.44	-134.75	-160.46	10.48	-14.79	3.47	6.74	41.85
MRPC1TOR25P5_COS		-382.03	-169.96	-287.79	114.09	-32.32	22.66	-32.71	19.26	21.19	-1.74	24.48	1.25	6.27	0.18	-7.46	-0.12
MRPC1TOR25P5_SIN		0.00	-22.43	-328.34	-114.83	57.60	-17.10	24.59	60.04	-1.84	-2.32	-29.03	-0.83	14.64	12.24	5.61	-3.74
MRPLK1LOAD_COS		-2.35	-25.83	-38.18	13.51	-6.26	4.60	-5.94	2.89	4.22	0.60	2.81	-0.63	0.86	0.45	-1.38	-0.12
MRPLK1LOAD_SIN		0.00	4.11	-44.24	-18.74	7.62	-2.82	2.87	8.78	-0.02	-0.13	-3.36	-1.19	2.32	2.06	0.65	-0.68
PITCHRH_COS		6426.74	-9000.77	1108.24	27.01	-58.58	484.32	145.31	-126.08	1.31	73.53	-64.14	-2.78	56.35	-25.40	-38.15	-167.35
PITCHRH_SIN		0.00	1520.18	-275.71	-225.22	-144.50	2092.91	219.68	-9.73	26.57	-35.87	-274.09	1.80	-45.42	5.70	-26.87	176.45
ROLLRH_COS		4531.89	-1570.53	305.64	108.15	-133.29	-3181.92	-18.60	84.38	-32.73	69.82	117.47	14.22	51.77	-56.03	60.09	102.61
ROLLRH_SIN		0.00	-9022.72	1099.33	185.34	-169.26	947.53	-118.53	-133.10	-61.83	39.98	-83.21	15.84	-21.84	-7.63	-10.77	102.44
TORQ_COS		107900.03	418.30	79.51	254.36	-2.28	-116.58	7.80	-29.90	-15.54	-0.16	-65.61	-3.42	5.86	-1.64	-2.80	5.52
TORQ_SIN		0.00	855.46	-78.48	41.37	17.84	-66.62	17.48	36.06	-22.42	-2.69	91.02	2.53	-6.69	3.73	-6.12	-1.74
THRUST_COS		5795.88	-107.27	40.10	29.33	2.95	40.07	1.63	10.54	8.21	-1.18	-48.79	-1.34	-2.21	2.43	-9.74	-23.80
THRUST_SIN		0.00	-86.97	36.65	-39.28	10.88	-134.47	11.82	16.09	2.10	-2.79	89.13	3.31	-1.56	2.54	1.29	-15.14

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-125.53	45.39	-8.24	5.55	49.81	165.13	12.65	-1.39	-1.10	-2.22	-0.69	-1.89	-1.59	1.41	-1.37	-2.90
SIDERH_SIN		0.00	232.02	-27.96	1.86	21.26	-166.00	-8.10	4.69	-0.74	-0.76	-4.50	-0.18	0.65	0.28	-0.16	-3.61
DRAGRH_COS		-71.96	239.48	-12.87	-5.99	-2.22	-204.75	-33.88	-1.06	0.15	-7.65	-0.69	-0.12	-1.93	0.99	1.18	7.20
DRAGRH_SIN		0.00	-45.85	42.16	3.75	-0.18	210.79	-14.01	-3.30	-3.54	7.26	8.59	2.12	3.69	-0.65	1.69	-8.38

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.49	0.01	0.00	0.00	0.00	-0.03	-0.01	0.00	0.04	0.01	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.03	-0.01	0.00	0.00	0.00	0.02	0.00	0.00	-0.02	-0.01	-0.01	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.79	-1.39	-14.12	1.07	0.16	-1.23	2.76	-0.64	-0.46	-0.09	1.18	0.48	0.18	-0.01	-0.49	0.08
ACT1FORCE_SIN		0.00	21.16	-9.47	-5.24	3.88	-0.33	-0.53	1.05	-0.03	-0.19	0.02	-0.17	0.04	0.10	0.54	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.78	1.79	-197.34	2.95	-7.16	6.55	-20.50	0.03	-0.12	-0.06	0.07	0.08	0.00	-0.01	-0.04	0.00
FA1IBVOLTAGE_SIN		0.00	-129.36	133.11	37.94	-21.07	-0.22	11.74	0.06	-0.05	-0.02	0.19	0.04	0.04	0.02	-0.04	0.03
FA1OBCURRENT_COS		0.02	0.02	-0.02	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.06	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.94	-1.79	197.55	-2.76	7.02	-6.76	20.54	0.03	0.01	0.03	-0.06	-0.08	-0.01	0.02	0.04	-0.01
FA1OBVOLTAGE_SIN		0.00	129.61	-133.63	-38.12	20.71	0.36	-11.90	-0.07	-0.01	0.04	-0.19	-0.06	-0.03	-0.03	0.04	-0.02
MRBLD1CB42P75_COS		-815.26	-1809.26	480.35	-71.94	-104.18	-45.89	-99.99	53.97	12.59	-34.27	44.69	-34.82	-9.48	9.25	8.47	-0.91
MRBLD1CB42P75_SIN		0.00	1902.90	101.85	169.35	62.52	-78.89	-2.33	-111.69	51.66	35.85	-143.34	18.72	3.94	2.58	19.56	15.28

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4577.16	-1380.61	314.57	-73.30	-61.00	-164.60	-155.77	22.13	8.39	-16.93	-27.40	-23.37	-3.42	7.80	7.44	14.05
MRBLD1CB70_SIN		0.00	1379.04	-17.38	167.57	100.80	-139.86	57.30	-79.04	33.54	47.39	-83.31	8.04	5.43	0.23	12.65	21.88
MRBLD1CB120_COS		-177.73	-805.24	260.39	32.25	-23.46	-211.26	-167.45	22.29	-0.92	7.37	-12.78	9.32	1.63	2.38	1.61	-0.43
MRBLD1CB120_SIN		0.00	897.48	-61.45	86.19	196.99	-123.19	60.74	-83.36	-31.73	-46.60	65.14	-3.53	2.86	0.91	0.33	2.76
MRBLD1CB164_COS		-1984.13	-262.82	19.82	71.89	-18.42	-120.28	-68.49	-1.93	-9.86	14.14	33.37	10.13	-1.03	-0.77	-6.54	-10.90
MRBLD1CB164_SIN		0.00	309.88	-30.80	11.73	109.38	-64.42	6.79	1.12	-50.99	-66.29	68.03	5.16	0.15	-0.04	-4.37	-15.70
MRBLD1FB42P75_COS		2507.84	419.87	263.45	559.92	-93.14	0.16	-138.78	-42.83	-52.06	-152.31	81.84	-11.91	-18.63	12.40	43.81	27.54
MRBLD1FB42P75_SIN		0.00	-392.65	370.22	55.05	466.62	221.88	71.29	-419.11	23.79	-54.03	-237.36	36.37	-5.86	-16.49	-9.20	12.94
MRBLD1FB70_COS		607.06	100.67	73.26	166.70	-36.19	-3.27	-29.60	2.89	2.93	-3.47	-2.19	2.26	2.26	-1.91	-7.96	-4.10
MRBLD1FB70_SIN		0.00	-246.64	158.67	-21.64	123.81	38.88	14.81	-66.32	10.64	8.06	1.00	1.35	2.90	2.95	1.51	-3.19
MRBLD1FB87_COS		56.64	118.00	-8.91	91.24	-21.11	-13.17	-1.79	0.30	9.09	28.62	-16.24	5.43	5.97	-2.46	-9.55	-6.03
MRBLD1FB87_SIN		0.00	-303.15	112.86	-27.33	57.83	7.64	-5.02	35.23	-6.07	11.38	56.52	-8.97	3.41	6.50	4.48	0.00
MRBLD1FB120_COS		-313.92	138.90	-110.64	87.88	13.62	-37.11	14.13	-7.83	-12.35	-2.77	2.33	-10.98	-7.77	3.01	14.14	9.39
MRBLD1FB120_SIN		0.00	-430.01	119.91	13.45	35.11	0.40	-16.00	101.65	-11.10	-12.22	-19.51	0.80	-8.73	-11.76	-7.77	-0.68
MRBLD1FB164_COS		32.49	99.74	172.37	28.05	100.88	56.73	24.58	31.11	11.72	3.21	-12.87	10.90	9.16	-5.61	-13.41	-6.03
MRBLD1FB164_SIN		0.00	-606.83	206.18	209.32	-88.48	-37.88	-4.90	-143.13	18.28	20.54	33.96	-8.85	5.49	9.12	1.85	-3.34

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.38	-39.93	207.16	-21.11	58.32	69.28	12.66	12.07	4.30	41.78	-30.67	-2.68	-12.36	-1.39	17.55	12.80
MRBLD1FB180_SIN		0.00	-437.64	141.25	166.26	-86.16	-21.60	16.91	-127.31	3.99	22.76	115.06	-18.27	-15.68	-15.74	-10.10	-0.63
MRBLD1TOR51_COS		-1516.83	175.05	305.09	-52.87	-14.55	-7.92	11.26	0.06	-13.89	4.72	-7.98	-0.53	-1.93	4.32	4.05	2.03
MRBLD1TOR51_SIN		0.00	-221.65	210.68	158.79	-50.01	8.35	-17.29	-60.17	0.31	-5.00	10.14	0.82	-8.00	-5.31	3.32	4.57
MRBLD1TOR71_COS		-331.76	197.56	256.12	-60.46	-2.34	2.39	22.37	-6.69	-9.07	9.91	-15.48	1.39	-0.30	3.55	2.65	1.07
MRBLD1TOR71_SIN		0.00	-216.18	177.87	126.08	-65.44	5.92	-14.81	-36.32	-0.46	-0.47	17.16	-0.50	-4.50	-3.12	3.06	2.62
MRBLD1TOR130_COS		-64.86	174.15	257.16	-74.59	2.98	9.36	15.78	2.67	-3.25	1.65	9.48	-2.48	-0.63	-0.45	-1.37	-1.86
MRBLD1TOR130_SIN		0.00	-184.84	116.58	130.48	-71.97	-1.16	-11.96	-39.82	3.49	-7.65	-1.10	3.92	3.99	2.44	1.07	-2.02
MRBLD1TOR164_COS		-282.72	98.05	169.78	-57.44	-16.70	1.29	-2.27	-5.61	3.80	7.45	-10.38	-0.48	2.17	-0.69	0.74	0.42
MRBLD1TOR164_SIN		0.00	-82.65	40.49	56.92	-32.83	6.01	-5.89	-17.58	-0.74	4.78	4.30	-4.19	2.52	1.95	-1.54	-3.14
MRFBM1CB26P5_COS		-878.56	-1179.30	243.40	-80.15	-6.91	36.86	15.79	10.67	0.29	-4.21	26.79	-1.00	-0.37	0.64	2.09	-2.61
MRFBM1CB26P5_SIN		0.00	856.65	149.27	1.84	-37.17	1.46	-18.80	-9.37	3.67	-8.20	-12.56	2.33	-1.85	0.22	1.60	-0.47
MRFBM1FB9_COS		645.21	25.61	-273.64	-106.37	36.02	20.76	12.51	-13.67	3.13	3.18	-7.46	1.71	0.05	-0.41	-0.44	0.52
MRFBM1FB9_SIN		0.00	-270.96	-219.13	-80.93	-47.37	-12.42	9.85	18.43	1.10	4.15	2.58	0.65	0.94	-0.12	-1.23	-1.01
MRFBM1TOR26P5_COS		-104.84	68.10	5.23	-1.21	0.54	-0.46	1.06	0.03	-0.29	-0.14	0.04	0.12	-0.06	0.00	0.01	0.06
MRFBM1TOR26P5_SIN		0.00	-260.36	2.81	1.28	-2.25	0.06	-0.22	-0.16	0.10	0.03	0.15	0.03	-0.18	-0.10	-0.07	0.06

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		496.18	-1285.55	412.59	-46.23	-74.53	-2.26	-74.01	34.85	22.24	-23.53	49.13	-19.29	-6.79	10.10	11.23	-2.35
MRPC1CB33P25_SIN		0.00	1643.41	53.55	140.72	83.53	-30.69	-23.11	-103.53	31.52	-5.26	-111.71	20.19	1.76	2.24	17.09	14.78
MRPC1FB33P25_COS		1743.88	348.65	84.06	481.01	-169.78	-64.10	-144.05	133.99	-42.23	-79.34	202.10	-29.28	-5.41	20.20	33.85	3.01
MRPC1FB33P25_SIN		0.00	-131.32	314.68	141.94	372.15	174.77	12.50	-361.17	-14.04	-122.34	-129.12	19.31	-15.61	1.79	33.90	34.21
MRPC1TOR25P5_COS		-374.53	-126.00	-349.79	94.19	2.79	13.22	-18.15	5.45	18.92	-0.04	21.49	-1.17	3.00	-3.48	-3.04	-3.89
MRPC1TOR25P5_SIN		0.00	-6.27	-216.84	-167.36	69.67	-8.58	23.38	51.15	-1.87	0.81	-19.54	2.87	15.56	10.32	2.89	-3.12
MRPLK1LOAD_COS		-1.30	-20.55	-46.13	11.47	-1.43	3.13	-4.16	0.90	3.81	0.95	2.04	-0.74	0.64	-0.19	-0.49	-0.89
MRPLK1LOAD_SIN		0.00	6.27	-29.54	-25.94	9.51	-1.56	2.48	7.53	-0.26	0.48	-2.18	-0.44	2.63	1.87	0.50	-0.84
PITCHRH_COS		4485.34	-9011.65	1197.02	-16.70	-91.36	620.29	224.31	-121.92	3.72	111.55	-91.02	-38.93	29.71	13.66	-21.27	-131.11
PITCHRH_SIN		0.00	1550.26	-488.16	-196.60	-171.67	1239.87	171.75	23.40	36.43	-3.21	-283.28	60.34	-30.65	32.83	-9.65	141.64
ROLLRH_COS		6803.83	-1603.75	464.75	108.40	-75.60	-2468.75	-4.21	95.29	-27.94	102.43	158.80	-12.59	3.37	-28.39	9.06	34.63
ROLLRH_SIN		0.00	-9051.97	1083.19	119.55	-157.55	1189.69	-107.57	-148.04	-51.13	6.59	10.83	-5.25	-44.19	-19.16	15.91	126.62
TORQ_COS		107746.81	446.59	74.92	285.15	33.95	-159.59	8.03	-32.43	-13.59	-1.94	-66.97	0.34	4.24	-2.47	-5.50	3.53
TORQ_SIN		0.00	873.41	-86.87	-18.81	26.75	24.34	10.80	14.76	-19.37	-4.92	67.44	-2.11	-7.53	2.89	-4.98	-1.65
THRUST_COS		5735.66	-113.76	46.58	24.23	-3.16	24.00	-0.02	2.44	8.66	-0.84	-60.36	0.27	1.79	-2.58	-5.09	-13.49
THRUST_SIN		0.00	-84.24	18.48	-43.23	12.67	-121.26	10.89	11.73	0.76	0.00	77.45	-3.46	-0.56	-0.03	-1.90	-13.26

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-110.34	43.82	-14.15	5.17	44.12	107.62	10.73	0.21	-2.21	-3.85	-2.00	-0.04	-0.10	0.75	-0.06	-1.00
SIDERH_SIN		0.00	234.81	-25.29	-1.74	14.22	-187.21	-8.43	4.17	-0.53	-0.54	-7.11	1.59	1.24	1.02	-0.97	-4.13
DRAGRH_COS		-93.03	241.30	-8.75	-4.26	-1.67	-86.37	-38.23	-3.42	-0.54	-10.13	-1.70	1.58	-1.63	-0.89	1.04	5.44
DRAGRH_SIN		0.00	-44.02	41.88	4.61	0.09	259.28	-11.97	-6.24	-4.58	5.84	8.00	-1.79	1.71	-0.86	0.86	-6.43

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.26	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	-0.03	0.00	0.00	0.00	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.04	0.01	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.16	-0.20	-19.11	-0.77	1.53	-1.61	-0.26	-0.07	-0.53	0.00	-0.28	0.07	0.16	0.07	-0.06	-0.33
ACT1FORCE_SIN		0.00	21.42	-5.21	-6.29	3.07	0.56	-2.00	1.16	0.06	-0.13	-1.48	-0.17	-0.06	0.03	-0.05	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.84	-3.24	-83.41	10.04	-12.36	6.51	9.25	0.07	0.01	0.01	0.13	-0.03	0.00	0.01	-0.03	0.00
FA1IBVOLTAGE_SIN		0.00	-129.94	241.38	44.58	-12.54	-3.73	15.27	-0.03	0.01	0.04	-0.17	-0.01	-0.02	-0.02	0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.90	3.24	83.38	-9.97	12.06	-6.55	-9.33	-0.06	0.03	0.00	-0.13	0.03	0.01	-0.01	0.03	0.00
FA1OBVOLTAGE_SIN		0.00	130.25	-241.85	-44.97	12.64	4.00	-15.32	-0.02	0.07	-0.03	0.17	0.02	0.00	0.01	-0.04	-0.03
MRBLD1CB42P75_COS		-780.79	-1682.91	567.95	-86.67	-171.52	-44.85	-85.14	34.25	19.17	-26.93	-27.01	-19.49	-9.64	5.97	7.50	-1.39
MRBLD1CB42P75_SIN		0.00	1925.14	87.89	153.93	123.34	-110.76	0.63	-122.96	48.58	52.05	-146.18	34.73	8.18	1.36	5.74	18.56

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4606.98	-1315.42	394.58	-140.57	-174.16	-148.82	-120.27	8.28	16.32	-6.76	-73.94	-14.28	-5.34	5.72	6.61	11.07
MRBLD1CB70_SIN		0.00	1399.18	1.44	123.21	228.21	-119.85	106.46	-81.46	35.47	55.02	-54.27	16.46	6.16	-0.20	0.84	25.52
MRBLD1CB120_COS		-162.30	-787.02	322.15	-50.48	-92.98	-187.51	-136.36	16.70	5.18	9.36	10.95	4.92	3.91	1.98	5.11	-0.98
MRBLD1CB120_SIN		0.00	901.86	-47.37	62.46	311.30	-59.86	150.44	-90.38	-29.54	-50.45	55.93	-13.38	2.01	1.32	-1.73	3.36
MRBLD1CB164_COS		-1983.01	-260.77	36.00	13.80	-35.54	-115.15	-68.60	2.17	-13.10	8.37	61.51	5.10	2.14	-3.34	-6.32	-9.71
MRBLD1CB164_SIN		0.00	309.98	-2.41	5.20	150.12	-19.33	54.76	-1.53	-48.70	-71.22	34.86	-0.71	3.33	0.35	4.83	-16.18
MRBLD1FB42P75_COS		2507.07	382.12	266.95	409.11	36.58	-12.78	-123.23	-99.45	-54.72	-139.36	-45.15	10.84	-13.78	8.29	16.98	30.75
MRBLD1FB42P75_SIN		0.00	-397.39	268.24	235.22	399.05	190.31	70.40	-430.58	21.66	-38.26	-273.93	35.09	-2.52	-13.97	-31.54	13.86
MRBLD1FB70_COS		603.28	96.80	73.37	102.83	-2.79	-6.87	-26.39	-6.45	3.35	-1.39	-2.92	1.98	2.23	-0.67	-2.12	-4.81
MRBLD1FB70_SIN		0.00	-249.94	129.81	28.49	111.42	30.79	15.94	-68.41	10.23	9.58	4.68	1.22	2.45	3.22	6.03	-3.28
MRBLD1FB87_COS		53.09	115.89	-15.14	44.82	-4.03	-12.82	-3.16	6.04	9.91	26.50	13.49	-0.56	4.74	-1.08	-3.59	-6.54
MRBLD1FB87_SIN		0.00	-303.53	101.48	-3.26	47.91	6.98	-3.57	35.88	-5.80	7.88	62.65	-9.05	2.08	5.33	8.79	-0.33
MRBLD1FB120_COS		-314.76	141.54	-120.31	20.94	10.19	-31.87	6.02	5.20	-14.26	-6.86	-4.41	-7.76	-7.90	1.22	4.22	9.84
MRBLD1FB120_SIN		0.00	-420.62	121.10	38.55	20.08	10.31	-16.03	106.33	-8.44	-13.19	-23.17	1.87	-7.21	-10.86	-14.16	-0.08
MRBLD1FB164_COS		42.72	70.37	152.52	23.67	35.18	55.88	30.38	10.38	10.86	8.99	5.61	5.26	7.20	-3.18	-8.52	-7.51
MRBLD1FB164_SIN		0.00	-577.32	82.76	250.82	-66.48	-35.73	-11.69	-151.69	14.88	20.17	41.65	-8.88	3.11	7.70	6.60	-2.97

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.79	-67.59	184.57	0.75	22.10	64.84	18.23	-2.45	7.20	39.11	27.55	-10.91	-13.87	-5.23	6.87	13.12
MRBLD1FB180_SIN		0.00	-413.12	33.64	179.87	-66.32	-20.08	10.02	-136.20	5.88	20.09	125.99	-19.27	-12.13	-14.23	-18.70	0.89
MRBLD1TOR51_COS		-1512.25	130.14	312.31	-3.50	-38.11	-8.32	1.09	-7.53	-12.61	2.23	-10.91	-0.53	-3.47	1.68	6.60	0.68
MRBLD1TOR51_SIN		0.00	-206.85	75.80	198.49	-28.81	3.42	-9.38	-64.25	2.87	-0.06	16.27	-3.04	-6.55	-7.18	-0.26	5.48
MRBLD1TOR71_COS		-328.10	153.58	257.84	-5.86	-25.19	1.87	12.58	-11.76	-8.05	7.61	-12.47	-0.24	-1.36	1.77	4.76	-0.29
MRBLD1TOR71_SIN		0.00	-204.01	53.38	158.14	-46.88	1.92	-8.30	-38.43	1.88	2.59	25.76	-5.25	-3.12	-5.12	0.20	3.72
MRBLD1TOR130_COS		-61.02	129.37	253.89	-9.81	-21.61	8.20	9.50	-4.38	-1.94	1.10	7.02	-2.68	0.03	-0.16	-2.05	-1.86
MRBLD1TOR130_SIN		0.00	-173.02	-4.20	152.37	-51.19	-5.57	-5.47	-42.34	3.49	-4.40	-4.72	2.93	4.96	1.91	-0.02	-1.73
MRBLD1TOR164_COS		-282.34	66.95	165.28	-6.86	-20.12	-0.74	-3.81	-8.61	3.23	7.61	-3.00	-2.30	2.41	0.36	-1.42	0.93
MRBLD1TOR164_SIN		0.00	-78.72	-33.74	62.03	-18.18	0.91	-1.63	-16.24	-0.57	2.43	9.17	-4.08	2.00	1.86	-3.51	-2.92
MRFBM1CB26P5_COS		-856.91	-1109.41	280.70	-38.93	-17.90	35.86	12.07	9.89	0.16	-5.39	21.71	0.65	0.03	0.61	2.38	-2.17
MRFBM1CB26P5_SIN		0.00	889.08	139.45	9.72	-62.44	-15.10	-30.79	-13.76	2.90	-6.85	-26.21	3.27	-1.42	-0.43	-0.33	-0.80
MRFBM1FB9_COS		675.51	-65.96	-302.06	-52.22	24.42	20.40	14.94	-11.88	3.06	3.31	-5.67	1.73	0.31	-0.19	-0.98	0.39
MRFBM1FB9_SIN		0.00	-231.41	-156.41	-110.00	-46.86	-9.26	9.43	21.06	1.07	3.14	6.49	-0.11	0.97	-0.10	-0.32	-1.25
MRFBM1TOR26P5_COS		-102.78	78.70	5.45	-0.73	-0.55	-0.41	0.84	0.19	-0.33	-0.16	-0.09	0.19	-0.07	-0.03	0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-259.59	1.90	1.68	-2.23	0.17	-0.51	-0.18	0.15	0.07	0.22	0.07	-0.19	-0.05	0.04	0.03

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		521.78	-1166.68	477.47	-26.76	-83.46	-10.55	-75.84	18.66	25.86	-20.77	-1.83	-3.56	-6.09	6.94	11.13	-1.78
MRPC1CB33P25_SIN		0.00	1646.04	26.65	141.47	90.81	-64.84	-29.20	-111.56	23.98	6.10	-127.10	27.41	4.18	0.48	3.55	16.45
MRPC1FB33P25_COS		1739.96	318.43	102.45	323.21	-48.77	-64.94	-127.76	93.72	-44.54	-77.84	128.55	-12.13	-5.43	16.45	36.69	4.32
MRPC1FB33P25_SIN		0.00	-136.22	235.99	263.08	348.31	146.19	18.08	-392.33	-17.46	-104.29	-230.58	32.92	-11.06	-2.04	-4.03	37.25
MRPC1TOR25P5_COS		-379.15	-58.02	-355.07	33.94	31.07	14.02	-5.18	10.69	17.28	3.26	22.71	-1.44	5.68	-0.32	-6.02	-2.94
MRPC1TOR25P5_SIN		0.00	-22.18	-74.53	-208.29	49.33	-5.26	15.11	53.78	-5.25	-4.60	-31.78	7.23	14.79	10.27	0.58	-3.03
MRPLK1LOAD_COS		-1.72	-11.54	-46.63	3.38	2.55	3.30	-2.51	1.37	3.76	1.29	2.93	-1.03	1.01	0.34	-0.96	-1.01
MRPLK1LOAD_SIN		0.00	3.57	-10.55	-31.72	7.08	-1.06	1.60	7.92	-0.84	-0.29	-3.63	-0.07	2.69	1.59	-0.29	-0.65
PITCHRH_COS		5874.41	-8996.63	1163.14	-38.49	-170.18	831.93	226.64	-165.55	-11.14	40.73	-50.00	11.15	-9.45	26.72	4.14	-158.53
PITCHRH_SIN		0.00	1637.74	-646.09	-208.48	-107.19	366.00	83.05	33.00	142.58	-85.60	-252.65	112.53	-17.32	53.44	-14.64	82.53
ROLLRH_COS		6493.98	-1664.73	565.01	9.00	-160.70	-2027.67	18.58	86.72	-97.83	97.00	202.28	-67.90	5.38	-56.04	43.03	45.94
ROLLRH_SIN		0.00	-9078.19	1088.67	22.04	-32.46	1736.29	-56.58	-152.12	51.13	-37.07	9.54	51.23	-89.42	29.85	9.15	146.85
TORQ_COS		108454.52	438.02	58.64	260.60	53.70	-163.38	3.06	-28.77	-9.36	-1.51	-44.79	-5.77	1.04	-0.87	-4.11	4.90
TORQ_SIN		0.00	847.38	-95.40	-48.05	6.95	131.67	12.59	38.67	-10.29	-2.98	105.83	-2.12	-5.80	6.56	-4.20	-0.24
THRUST_COS		5820.20	-108.23	39.02	19.72	-4.51	16.73	1.03	3.26	6.92	1.50	-24.45	-15.42	4.66	-0.42	-2.14	-14.23
THRUST_SIN		0.00	-76.36	7.75	-37.88	14.00	-105.38	11.36	18.41	-6.13	1.92	109.23	-1.22	3.29	-1.92	0.11	-16.83

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-123.89	48.50	-19.78	2.12	40.24	36.22	7.56	1.02	-1.40	-3.20	-5.29	2.84	0.11	1.56	-1.24	-1.52
SIDERH_SIN		0.00	234.98	-28.06	-4.15	-13.00	-220.37	-10.92	2.50	-2.54	1.38	-9.25	-1.14	2.29	-0.60	-0.57	-4.48
DRAGRH_COS		-84.89	239.29	-3.85	-1.06	0.05	110.80	-46.76	-4.60	-0.30	-5.77	-5.62	-1.95	-0.43	-0.61	0.35	7.43
DRAGRH_SIN		0.00	-46.15	39.94	3.71	6.22	354.60	1.40	-7.82	-2.94	10.38	6.73	-5.59	2.58	-1.92	0.42	-4.32

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	-0.03	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.04	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.10	0.44	-20.43	-2.73	1.59	-1.59	-1.51	0.26	-0.76	-0.16	0.03	-0.02	-0.12	-0.19	0.34	-0.17
ACT1FORCE_SIN		0.00	20.95	0.29	-5.71	1.49	1.28	0.03	0.82	0.24	0.03	0.61	0.09	-0.02	0.14	0.41	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		375.06	-7.95	60.82	20.61	-8.70	7.81	11.40	-0.07	-0.01	-0.04	-0.08	-0.04	-0.01	-0.02	0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-123.93	279.84	41.89	-3.90	-6.26	-6.86	-0.09	-0.07	-0.02	0.13	0.07	0.00	0.01	0.02	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.69	8.07	-61.46	-20.78	8.75	-7.66	-11.45	0.10	0.07	0.03	0.08	0.03	0.01	0.03	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	124.29	-280.25	-42.30	4.33	6.50	6.93	0.06	0.01	0.02	-0.11	-0.08	0.01	-0.01	-0.02	0.02
MRBLD1CB42P75_COS		-783.72	-1628.41	611.61	-103.38	-228.10	-81.73	-62.78	-1.70	18.58	-1.51	-13.72	17.53	-1.17	-2.67	3.52	0.38
MRBLD1CB42P75_SIN		0.00	1910.75	44.00	158.97	204.44	-140.18	-10.19	-109.96	29.57	42.90	-98.45	17.66	11.41	5.02	-0.86	19.25

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4599.45	-1278.96	451.16	-218.17	-243.27	-144.07	-68.15	-18.61	13.57	10.87	-33.80	10.11	1.42	0.38	3.23	10.12
MRBLD1CB70_SIN		0.00	1398.81	-16.52	126.70	402.19	-123.00	116.34	-72.32	24.32	44.25	-34.99	7.30	5.66	1.62	-4.87	24.83
MRBLD1CB120_COS		-174.08	-773.60	359.77	-135.79	-140.24	-145.05	-78.01	-11.49	1.94	-3.63	3.13	-11.71	1.06	4.18	5.42	-0.62
MRBLD1CB120_SIN		0.00	903.85	-57.42	94.19	471.54	-33.72	195.24	-89.28	-32.29	-45.44	45.78	-2.24	0.50	-0.41	-1.37	3.66
MRBLD1CB164_COS		-1986.09	-257.20	58.62	-40.30	-44.71	-87.09	-50.30	3.81	-11.83	-10.22	26.95	-9.85	-0.50	-1.31	-4.36	-7.67
MRBLD1CB164_SIN		0.00	307.02	16.53	36.52	203.44	4.20	89.27	-10.34	-44.41	-62.16	28.23	5.64	3.16	1.49	7.69	-15.56
MRBLD1FB42P75_COS		2503.99	364.20	204.24	380.38	60.34	-52.46	-96.92	-201.94	-63.33	-114.06	-50.92	22.58	-3.61	-0.43	5.08	34.96
MRBLD1FB42P75_SIN		0.00	-392.38	199.19	510.99	298.31	171.61	43.58	-357.23	-13.75	-36.90	-159.33	5.42	3.07	-9.74	-32.04	12.04
MRBLD1FB70_COS		603.39	93.52	58.23	79.39	3.48	-17.15	-19.46	-22.83	2.31	1.75	0.48	1.33	1.44	0.90	-0.12	-6.03
MRBLD1FB70_SIN		0.00	-248.95	107.99	118.65	88.77	26.00	10.17	-55.61	6.20	7.42	4.53	2.05	1.67	2.58	5.74	-2.96
MRBLD1FB87_COS		53.99	112.44	-21.48	20.91	-1.16	-14.01	-3.65	16.02	10.83	21.79	13.74	-4.31	2.34	1.15	-0.61	-6.96
MRBLD1FB87_SIN		0.00	-302.66	94.64	52.36	33.36	7.59	-2.13	30.83	0.22	7.75	37.60	-0.52	0.79	3.86	8.64	-0.19
MRBLD1FB120_COS		-310.75	144.13	-121.29	-19.14	5.03	-20.26	-4.90	27.55	-10.88	-9.78	-9.55	-3.97	-6.39	-2.59	0.80	10.22
MRBLD1FB120_SIN		0.00	-417.60	125.71	102.67	7.44	16.08	-9.54	86.39	-3.16	-11.01	-17.78	-4.43	-5.97	-8.75	-14.11	-0.29
MRBLD1FB164_COS		55.25	51.26	70.29	41.13	6.33	61.18	38.63	-26.97	7.47	13.50	10.13	-0.64	3.96	0.19	-4.87	-8.00
MRBLD1FB164_SIN		0.00	-530.35	-3.70	294.65	-10.06	-37.38	-14.26	-124.38	7.30	16.26	28.89	-1.03	0.79	4.84	7.34	-1.29

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		6.17	-84.96	108.71	29.29	8.29	60.83	24.53	-32.05	8.77	31.00	24.91	-18.81	-15.47	-8.01	0.80	13.91
MRBLD1FB180_SIN		0.00	-376.29	-42.55	183.21	-22.39	-19.88	-0.31	-114.82	6.76	20.64	74.19	-7.41	-11.79	-13.77	-18.23	-0.19
MRBLD1TOR51_COS		-1505.93	96.83	244.25	55.29	-47.43	-8.36	1.10	-22.53	-10.27	2.13	-0.46	-3.72	-3.26	0.04	6.33	2.16
MRBLD1TOR51_SIN		0.00	-172.36	-38.10	208.68	-0.15	-4.79	-12.48	-55.24	7.24	0.75	12.67	-1.29	-5.97	-6.30	-2.76	5.38
MRBLD1TOR71_COS		-321.94	121.19	192.91	53.98	-31.76	3.44	10.70	-19.70	-7.17	5.48	-1.24	-4.73	-1.83	0.57	3.96	1.15
MRBLD1TOR71_SIN		0.00	-171.57	-50.27	157.48	-20.95	-3.97	-10.34	-30.79	7.68	2.56	17.81	-2.21	-3.56	-4.15	-1.09	3.93
MRBLD1TOR130_COS		-54.58	96.11	187.54	53.10	-25.76	8.86	9.52	-14.16	-1.77	1.39	6.88	-0.81	-0.59	-0.42	-3.58	-1.93
MRBLD1TOR130_SIN		0.00	-140.60	-102.24	135.13	-23.06	-10.22	-6.02	-34.75	4.54	-3.82	-3.58	3.92	4.58	2.66	1.36	-1.30
MRBLD1TOR164_COS		-279.42	42.74	124.43	36.87	-15.06	-3.49	-1.61	-10.71	1.45	6.19	0.02	-1.77	0.62	0.64	-2.77	-0.15
MRBLD1TOR164_SIN		0.00	-59.48	-94.23	38.26	-6.49	-2.87	-3.18	-11.01	0.66	0.54	2.54	-2.22	1.12	0.85	-2.00	-2.30
MRFBM1CB26P5_COS		-874.30	-1069.64	287.99	1.43	-38.41	23.40	5.30	7.10	1.49	-4.34	10.02	1.65	-0.41	0.05	1.94	-1.57
MRFBM1CB26P5_SIN		0.00	884.01	114.24	-5.43	-82.69	-27.83	-37.38	-12.87	1.05	-5.35	-18.59	1.87	-0.29	-0.72	-0.45	-0.26
MRFBM1FB9_COS		665.55	-95.58	-278.28	-20.48	21.66	23.20	14.36	-4.95	1.97	2.24	-2.89	0.22	0.35	-0.17	-1.05	0.45
MRFBM1FB9_SIN		0.00	-213.72	-103.92	-173.02	-40.38	-5.27	8.77	21.89	2.23	2.38	4.61	-0.51	0.44	0.23	0.11	-1.51
MRFBM1TOR26P5_COS		-102.45	83.53	5.06	-0.19	-1.32	-0.33	0.62	0.16	-0.18	-0.10	-0.07	0.12	-0.02	0.00	0.11	0.07
MRFBM1TOR26P5_SIN		0.00	-258.44	0.99	1.76	-1.56	-0.07	-0.78	-0.26	0.19	0.14	0.30	-0.01	-0.15	-0.07	-0.01	0.00

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		525.56	-1124.18	501.70	-6.91	-107.74	-49.88	-73.25	-8.20	22.68	-6.89	-5.07	17.00	0.27	-0.29	7.42	0.11
MRPC1CB33P25_SIN		0.00	1629.60	-11.92	140.23	98.08	-86.64	-33.23	-99.09	4.42	2.18	-85.31	11.16	7.65	3.04	-2.42	17.16
MRPC1FB33P25_COS		1737.12	304.95	62.71	249.60	-7.93	-91.78	-95.26	-16.65	-36.25	-60.23	58.65	16.44	-1.80	7.69	29.21	8.61
MRPC1FB33P25_SIN		0.00	-132.86	175.58	485.06	272.98	119.83	4.98	-375.76	-49.67	-90.78	-149.73	18.84	-0.23	-6.59	-13.67	40.71
MRPC1TOR25P5_COS		-384.51	-14.06	-281.80	-34.71	42.50	12.82	-3.26	22.16	13.59	3.64	8.89	6.30	4.59	0.27	-9.03	-4.09
MRPC1TOR25P5_SIN		0.00	-57.84	44.67	-212.53	18.87	2.67	18.12	45.07	-12.00	-6.32	-25.04	5.79	13.52	9.77	4.49	-1.36
MRPLK1LOAD_COS		-2.74	-5.73	-36.70	-6.02	4.44	3.24	-2.12	3.12	2.89	1.06	1.32	0.16	0.65	0.35	-1.81	-1.08
MRPLK1LOAD_SIN		0.00	-1.31	5.10	-32.68	2.85	0.30	2.36	6.74	-1.73	-0.70	-3.30	0.06	2.18	1.63	0.42	-0.22
PITCHRH_COS		6332.71	-9032.94	1063.83	-46.34	-176.41	657.29	165.23	-125.87	66.49	19.63	31.43	23.52	5.21	74.50	16.42	-178.95
PITCHRH_SIN		0.00	1678.72	-751.88	-159.54	-20.30	-487.72	60.09	8.16	94.49	-60.24	-273.23	97.89	-8.69	15.33	9.50	75.59
ROLLRH_COS		6424.38	-1691.77	633.87	-6.15	-235.14	-1435.10	20.89	49.82	49.18	144.04	277.26	-35.26	-5.85	-115.66	57.79	50.06
ROLLRH_SIN		0.00	-9119.30	1015.14	2.57	151.65	1816.95	-113.40	-171.34	19.87	1.30	25.30	63.96	-77.50	42.72	-12.59	152.22
TORQ_COS		107975.78	456.37	52.71	223.81	80.87	-76.28	6.20	-28.53	-8.65	0.31	-13.37	-5.58	-1.49	-2.14	-5.06	3.47
TORQ_SIN		0.00	827.58	-97.47	-93.85	-29.80	202.92	18.44	32.93	-10.81	-4.00	70.16	2.91	-7.90	4.87	-4.17	-2.79
THRUST_COS		5787.08	-117.17	31.13	9.27	-5.43	25.84	2.78	-0.01	2.96	0.42	-3.99	-13.01	2.45	0.60	-3.44	-11.29
THRUST_SIN		0.00	-65.48	-5.25	-36.11	20.25	-87.50	12.62	20.23	-5.83	3.36	67.33	4.99	5.20	-0.02	3.50	-19.91

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-126.32	48.41	-20.73	-0.28	35.36	-32.20	2.61	1.14	-3.74	-5.65	-10.61	1.28	0.02	3.31	-1.56	-1.53
SIDERH_SIN		0.00	232.65	-21.53	-5.15	-43.77	-214.28	-4.84	2.53	0.31	-0.30	-8.02	-1.69	1.86	-1.04	0.21	-4.43
DRAGRH_COS		-78.04	238.69	1.61	0.19	5.41	290.03	-27.65	-8.50	-0.37	-5.44	-13.45	-2.17	-1.21	-2.23	-1.05	8.05
DRAGRH_SIN		0.00	-41.94	37.83	3.93	8.83	365.49	16.73	-5.11	-4.82	6.52	11.28	-5.06	0.50	-0.80	-0.34	-4.46

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	0.01	0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	1.48	-0.01	0.01	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.13	0.39	-19.31	-3.82	1.22	-0.73	0.11	0.22	-0.31	0.07	0.79	-0.01	-0.04	-0.06	-0.20	-0.04
ACT1FORCE_SIN		0.00	20.53	4.91	-4.42	0.73	2.03	1.13	0.26	0.34	-0.17	-0.90	0.21	0.10	0.07	0.03	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.13	-10.16	202.93	30.14	-4.61	3.50	-8.36	-0.11	-0.07	-0.04	0.15	-0.02	-0.05	0.00	0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-116.77	242.19	30.79	-0.44	-8.71	-8.00	0.04	-0.02	0.06	-0.03	-0.03	0.00	-0.02	0.04	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.66	10.35	-203.88	-30.44	5.20	-3.29	8.39	0.11	0.00	0.03	-0.13	0.03	0.05	-0.01	-0.03	0.02
FA1OBVOLTAGE_SIN		0.00	117.18	-242.30	-31.18	0.75	8.81	8.01	-0.11	0.01	-0.05	0.02	0.04	-0.02	0.01	-0.03	0.00
MRBLD1CB42P75_COS		-838.01	-1593.68	600.93	-107.85	-233.92	-85.32	-48.71	-30.46	15.06	-6.67	-3.23	23.87	0.27	-4.21	8.24	1.37
MRBLD1CB42P75_SIN		0.00	1524.89	39.13	136.92	223.16	-144.61	-26.14	-62.82	16.12	29.99	-106.48	19.66	12.12	5.39	-1.54	18.83

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4563.69	-1237.16	449.99	-237.74	-241.10	-124.97	-54.96	-33.91	7.88	5.56	-26.80	17.31	3.87	-0.36	7.46	8.12
MRBLD1CB70_SIN		0.00	1156.84	-34.90	126.45	436.50	-140.52	92.28	-36.42	17.68	30.58	-37.79	10.54	6.55	1.60	-6.24	22.29
MRBLD1CB120_COS		-181.76	-759.02	347.78	-145.43	-139.01	-110.92	-61.22	-19.48	-0.32	-0.17	-0.13	-12.93	1.72	4.35	3.65	-0.89
MRBLD1CB120_SIN		0.00	828.37	-83.35	101.82	501.61	-62.11	179.87	-57.74	-28.94	-33.21	44.87	-3.88	1.23	-0.08	-1.96	2.58
MRBLD1CB164_COS		-1988.80	-253.95	70.85	-51.20	-45.62	-66.78	-43.06	8.89	-9.31	-6.51	23.49	-12.26	-0.82	-2.01	-7.66	-5.43
MRBLD1CB164_SIN		0.00	300.07	17.12	48.29	206.97	-6.85	91.31	-12.56	-35.62	-44.11	23.86	2.22	3.41	2.44	7.38	-13.91
MRBLD1FB42P75_COS		2518.01	359.26	138.85	402.67	75.29	-68.64	-78.57	-227.47	-74.70	-99.79	-61.88	16.72	-2.10	-2.89	6.96	33.16
MRBLD1FB42P75_SIN		0.00	-286.60	202.78	560.62	292.38	153.33	29.53	-193.31	-34.26	-38.79	-182.74	8.39	7.18	-4.34	-36.96	9.95
MRBLD1FB70_COS		603.49	95.44	45.36	80.87	7.67	-19.89	-15.47	-26.16	0.64	1.69	0.40	1.70	1.19	0.89	-1.11	-6.07
MRBLD1FB70_SIN		0.00	-247.81	112.34	137.75	86.56	20.38	6.11	-27.32	3.20	6.35	3.95	1.92	1.30	1.95	6.52	-2.78
MRBLD1FB87_COS		54.86	114.74	-20.26	17.60	-0.25	-13.37	-4.81	19.07	12.26	19.58	16.17	-3.29	1.64	1.56	-0.91	-6.36
MRBLD1FB87_SIN		0.00	-303.20	101.16	69.11	28.86	6.91	-1.83	16.12	2.67	7.70	43.00	-1.14	-0.17	2.43	9.96	0.41
MRBLD1FB120_COS		-314.60	152.60	-102.36	-32.90	-2.32	-15.34	-11.67	30.34	-9.66	-10.66	-10.07	-5.03	-6.58	-3.67	1.14	9.53
MRBLD1FB120_SIN		0.00	-430.81	141.16	136.78	-3.82	21.21	-1.56	46.02	0.80	-10.40	-18.10	-4.14	-5.42	-7.02	-15.28	-0.97
MRBLD1FB164_COS		49.74	62.63	6.17	48.91	1.50	57.39	47.50	-34.39	5.98	15.58	13.09	-0.45	2.35	0.95	-4.07	-7.32
MRBLD1FB164_SIN		0.00	-524.68	-3.90	295.18	-0.24	-36.48	-21.51	-64.93	2.08	14.48	33.76	-0.04	-0.01	3.17	9.01	0.00

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		2.57	-78.93	38.16	42.54	8.86	53.52	29.50	-35.36	8.70	27.57	27.53	-18.42	-15.84	-10.24	0.14	12.77
MRBLD1FB180_SIN		0.00	-364.49	-49.35	165.93	-9.01	-19.33	-12.00	-62.45	6.96	22.63	86.15	-8.34	-10.49	-11.36	-19.79	-1.31
MRBLD1TOR51_COS		-1494.36	87.49	134.56	98.37	-41.55	-12.20	2.44	-21.20	-4.58	-0.08	-2.70	-0.96	-2.96	-1.29	6.15	3.95
MRBLD1TOR51_SIN		0.00	-128.50	-84.31	166.48	22.85	-7.07	-16.87	-31.85	6.86	3.26	10.01	-2.16	-4.81	-6.26	-5.46	2.77
MRBLD1TOR71_COS		-310.42	111.69	91.43	94.26	-26.31	0.06	10.80	-13.39	-2.27	3.02	-3.32	-1.80	-1.71	-0.16	3.21	2.89
MRBLD1TOR71_SIN		0.00	-125.57	-93.05	115.97	-0.85	-5.10	-13.33	-15.17	9.09	5.18	17.45	-3.38	-3.59	-4.00	-3.01	2.33
MRBLD1TOR130_COS		-44.61	86.17	87.43	89.54	-19.52	5.81	10.95	-11.04	0.77	0.74	7.30	0.60	-0.38	0.12	-4.26	-2.09
MRBLD1TOR130_SIN		0.00	-95.58	-142.72	90.32	-6.22	-10.36	-7.85	-18.78	3.81	-1.33	-3.59	2.29	2.99	3.06	2.23	-0.32
MRBLD1TOR164_COS		-271.69	32.66	57.77	60.25	-9.17	-5.17	-0.90	-6.75	0.50	4.81	0.00	-1.42	0.37	0.96	-2.30	-1.71
MRBLD1TOR164_SIN		0.00	-27.84	-124.47	6.19	2.20	-3.47	-4.21	-4.58	1.36	0.16	5.80	-3.22	-0.48	0.87	-0.02	-0.79
MRFBM1CB26P5_COS		-920.18	-966.13	275.06	15.69	-41.63	12.67	5.50	3.88	1.96	-3.38	10.72	1.00	-0.72	-0.12	1.94	-0.80
MRFBM1CB26P5_SIN		0.00	639.82	102.26	-18.22	-82.30	-22.88	-35.01	-10.02	-1.18	-4.37	-20.40	1.49	-0.14	-0.45	-0.35	-0.13
MRFBM1FB9_COS		656.43	-117.97	-251.21	-20.45	21.83	23.61	13.86	2.78	1.40	1.75	-3.54	0.31	0.49	0.08	-1.20	0.73
MRFBM1FB9_SIN		0.00	1.13	-102.12	-187.40	-41.32	-3.18	8.45	16.58	3.35	2.42	5.22	-0.39	0.31	0.29	0.01	-1.12
MRFBM1TOR26P5_COS		-105.10	96.99	4.58	0.33	-1.50	-0.38	0.46	-0.01	-0.06	-0.06	-0.13	0.07	-0.01	-0.04	0.12	0.06
MRFBM1TOR26P5_SIN		0.00	-264.31	0.78	1.19	-0.86	0.01	-1.02	-0.25	0.15	0.11	0.17	0.06	-0.04	-0.07	-0.04	-0.04

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		496.30	-1159.69	491.03	-8.16	-120.43	-57.66	-59.24	-28.49	18.31	-9.78	1.69	19.66	1.06	-1.71	10.03	0.53
MRPC1CB33P25_SIN		0.00	1328.58	-3.89	107.78	97.34	-87.75	-39.17	-59.62	-8.30	-1.00	-92.82	12.34	7.61	2.44	-4.09	16.03
MRPC1FB33P25_COS		1749.12	293.01	9.92	257.72	5.02	-100.29	-75.42	-102.32	-37.52	-48.65	65.54	9.98	-3.85	2.26	35.60	9.29
MRPC1FB33P25_SIN		0.00	-42.74	169.92	530.93	273.23	100.25	-0.56	-256.94	-71.33	-85.03	-172.93	17.20	2.85	-5.15	-14.76	38.43
MRPC1TOR25P5_COS		-401.80	15.33	-167.10	-80.79	36.48	16.22	-3.62	17.81	6.18	4.96	12.86	4.51	4.09	2.45	-8.67	-5.51
MRPC1TOR25P5_SIN		0.00	-118.52	93.03	-166.52	-4.94	4.32	23.21	25.58	-11.83	-9.10	-21.38	5.42	9.78	9.69	8.12	2.71
MRPLK1LOAD_COS		-5.05	-1.17	-21.51	-12.38	3.73	3.87	-2.11	2.93	1.74	0.97	2.02	0.29	0.58	0.71	-1.94	-1.17
MRPLK1LOAD_SIN		0.00	-10.02	11.29	-26.40	-0.64	0.58	3.42	3.89	-1.68	-0.90	-2.22	-0.29	1.24	1.53	1.00	0.61
PITCHRH_COS		6844.56	-8992.69	910.07	-39.96	-110.73	437.07	68.01	-169.80	71.51	43.85	46.27	19.19	19.27	73.26	-0.17	-137.06
PITCHRH_SIN		0.00	1785.37	-737.13	-63.56	7.49	-814.38	-30.59	35.89	12.27	-58.48	-265.22	62.95	14.45	18.83	-9.96	54.41
ROLLRH_COS		2769.27	-1714.88	618.06	-48.17	-180.00	-1320.96	-27.68	72.69	104.93	155.51	283.20	-9.25	-0.21	-91.71	77.93	91.31
ROLLRH_SIN		0.00	-9157.47	920.28	36.29	200.82	1626.68	-158.32	-124.08	-37.53	29.08	-24.26	31.91	-39.99	52.91	20.99	224.61
TORQ_COS		106771.10	388.45	50.57	163.46	48.33	-31.51	8.53	-25.03	-9.75	0.11	-16.97	-3.17	3.49	-1.29	-3.13	2.26
TORQ_SIN		0.00	799.60	-89.18	-77.14	-33.90	187.07	18.45	27.37	-8.97	-2.71	77.48	2.76	-4.60	5.88	-4.91	-1.21
THRUST_COS		5778.66	-102.80	19.70	10.67	0.45	31.65	5.38	1.70	4.49	-0.99	-3.98	-9.09	1.38	3.18	-4.23	-8.26
THRUST_SIN		0.00	-57.10	-6.69	-25.98	23.95	-73.79	12.52	17.46	-2.69	2.22	81.21	-0.57	0.35	-1.47	1.81	-24.10

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.86	45.26	-18.13	1.22	14.19	-54.55	5.84	1.11	-3.69	-6.40	-10.13	0.64	-0.47	2.41	-2.13	-2.74
SIDERH_SIN		0.00	232.05	-17.97	-3.89	-47.27	-194.82	2.84	1.10	1.42	-1.38	-5.34	-0.75	0.62	-1.59	-0.92	-6.46
DRAGRH_COS		-76.65	239.76	3.78	1.12	7.20	351.90	-7.07	-6.07	-0.56	-7.51	-11.76	-0.05	-2.63	-2.65	-0.99	6.87
DRAGRH_SIN		0.00	-43.07	35.01	3.77	13.37	347.31	8.14	-5.13	-2.75	7.08	11.42	-3.74	2.11	-0.37	0.12	-2.77

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.02	0.02	0.00	-0.04	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.00	-0.07	-19.86	-3.74	1.29	-0.65	0.40	0.14	-0.20	-0.03	0.69	-0.02	-0.15	-0.08	-0.25	0.12
ACT1FORCE_SIN		0.00	20.79	5.54	-4.75	0.92	1.96	0.88	0.32	0.46	-0.16	-0.93	0.30	0.16	0.09	0.10	0.23
FA1IBCURRENT_COS		-0.01	-0.01	0.06	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		425.66	-7.76	211.62	26.82	-5.10	3.57	-12.15	-0.07	-0.07	-0.03	0.13	-0.02	-0.03	0.00	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-116.19	241.07	34.96	-1.57	-8.46	-6.45	0.03	0.03	0.06	-0.05	-0.01	-0.02	-0.05	0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.14	7.90	-212.28	-27.10	5.71	-3.40	12.16	0.09	-0.03	0.03	-0.14	0.03	0.02	-0.02	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	116.55	-241.23	-35.37	1.85	8.56	6.47	-0.09	-0.02	-0.04	0.03	0.03	0.02	0.04	0.00	0.00
MRBLD1CB42P75_COS		172.27	-2092.07	717.31	-172.48	-257.60	-103.31	-86.16	-29.18	14.94	-10.51	-38.03	23.74	6.68	-8.10	9.21	3.55
MRBLD1CB42P75_SIN		0.00	2069.20	65.62	114.48	356.92	-171.82	-26.74	-62.04	21.77	41.50	-108.62	26.47	18.33	9.70	1.23	27.38

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4909.31	-1611.89	538.74	-325.48	-259.72	-92.92	-49.57	-35.95	17.14	0.13	-38.48	17.62	8.58	-0.85	8.14	16.83
MRBLD1CB70_SIN		0.00	1565.48	-11.16	111.74	705.14	-130.23	143.42	-29.89	23.20	35.45	-42.02	16.38	9.50	5.07	-3.58	29.29
MRBLD1CB120_COS		-103.16	-929.54	430.75	-221.51	-141.76	-44.11	-19.25	-24.02	25.77	3.94	13.13	-12.25	-0.09	5.59	4.33	-0.80
MRBLD1CB120_SIN		0.00	1027.24	-41.14	93.95	767.61	-22.50	269.17	-59.86	-31.24	-43.84	52.10	-4.17	1.63	0.16	-3.22	2.94
MRBLD1CB164_COS		-1989.99	-315.16	94.45	-78.69	-44.73	-33.80	-21.27	10.98	5.25	1.62	25.86	-11.66	-1.83	-3.05	-8.81	-11.34
MRBLD1CB164_SIN		0.00	364.68	40.21	59.13	307.05	22.51	145.50	-15.48	-36.02	-51.18	33.06	2.44	2.11	0.97	6.37	-18.50
MRBLD1FB42P75_COS		2469.09	443.79	228.81	402.78	60.78	-74.69	-88.88	-248.14	-48.72	-88.51	-85.44	23.84	1.18	-0.49	6.17	44.21
MRBLD1FB42P75_SIN		0.00	-479.09	247.23	699.45	243.37	129.18	-11.50	-211.71	-39.54	-37.55	-135.39	6.17	11.49	-2.63	-36.95	13.75
MRBLD1FB70_COS		682.46	87.27	66.59	70.58	3.69	-21.64	-21.37	-30.86	2.54	1.94	0.11	1.82	0.14	0.69	-1.15	-8.11
MRBLD1FB70_SIN		0.00	-265.90	122.82	181.96	90.03	15.13	2.83	-31.17	2.77	7.05	4.15	2.31	1.44	1.26	6.43	-3.02
MRBLD1FB87_COS		94.24	108.50	-22.06	10.39	-1.96	-12.79	-4.37	20.33	8.90	17.58	23.05	-5.00	1.00	1.38	-0.36	-8.59
MRBLD1FB87_SIN		0.00	-322.34	105.56	91.78	29.17	6.10	2.96	18.76	4.10	7.67	32.75	-0.87	-1.33	1.65	9.80	-0.61
MRBLD1FB120_COS		-292.19	144.79	-121.07	-29.79	2.71	-8.93	-3.93	40.46	-11.19	-11.29	-12.14	-4.34	-5.91	-4.05	0.03	11.79
MRBLD1FB120_SIN		0.00	-448.70	134.80	169.97	-11.59	24.92	5.30	50.87	2.26	-9.80	-15.33	-4.45	-4.30	-6.75	-15.19	-0.32
MRBLD1FB164_COS		153.12	63.77	8.06	57.66	5.05	45.20	35.31	-48.74	5.90	17.78	19.55	-2.10	1.90	1.40	-3.85	-8.71
MRBLD1FB164_SIN		0.00	-562.48	-11.00	338.12	18.27	-34.31	-39.18	-75.30	-1.06	12.11	27.72	0.15	-1.75	2.37	9.19	-0.19

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		57.95	-92.27	50.90	42.74	13.13	45.22	15.30	-45.15	11.63	27.58	46.14	-17.56	-14.59	-10.63	-0.69	16.50
MRBLD1FB180_SIN		0.00	-397.70	-50.33	184.26	0.29	-15.96	-28.58	-76.15	7.16	21.79	63.33	-10.56	-11.94	-10.54	-19.36	-1.23
MRBLD1TOR51_COS		-1466.52	103.77	167.13	95.52	-52.26	-6.72	5.13	-25.00	-0.36	-0.90	0.24	-0.96	-3.19	-0.80	4.81	5.79
MRBLD1TOR51_SIN		0.00	-147.52	-64.43	191.79	30.51	14.32	-28.24	-33.53	7.97	3.52	7.64	-1.61	-4.72	-5.35	-5.41	5.55
MRBLD1TOR71_COS		-325.93	134.51	114.20	95.56	-34.22	4.22	14.54	-16.06	0.97	2.70	0.94	-3.93	-0.40	-0.51	2.47	3.49
MRBLD1TOR71_SIN		0.00	-154.46	-77.61	134.59	1.08	15.11	-23.50	-15.66	9.36	3.90	14.83	-2.71	-3.58	-3.61	-2.45	3.45
MRBLD1TOR130_COS		-66.63	107.43	103.62	95.23	-24.60	7.70	14.30	-13.22	4.97	2.12	3.55	-2.57	2.58	-1.12	-3.33	-3.22
MRBLD1TOR130_SIN		0.00	-117.63	-136.07	103.09	-4.04	3.49	-14.99	-19.98	3.75	-3.23	-3.97	3.28	3.36	2.53	3.16	-1.79
MRBLD1TOR164_COS		-303.30	47.70	63.21	64.32	-11.66	-4.17	2.64	-6.36	1.99	6.34	1.05	-4.03	2.32	-0.26	-1.62	-2.85
MRBLD1TOR164_SIN		0.00	-35.06	-120.13	5.14	1.82	2.29	-6.62	-3.73	1.90	-1.60	5.93	-2.93	-0.02	0.23	0.51	-2.23
MRFBM1CB26P5_COS		-91.95	-1402.12	341.22	25.84	-63.91	-0.98	-1.23	5.36	-0.28	-3.50	4.05	1.44	-0.99	-0.90	2.00	-2.32
MRFBM1CB26P5_SIN		0.00	926.26	142.40	-50.03	-114.90	-37.69	-49.47	-12.79	-1.24	-2.82	-19.86	1.26	0.24	-0.46	-0.72	0.31
MRFBM1FB9_COS		1069.07	-93.52	-320.25	-7.12	24.30	22.62	17.53	3.10	0.50	1.99	-1.73	0.20	0.82	0.02	-1.14	0.42
MRFBM1FB9_SIN		0.00	-83.74	-116.57	-226.05	-41.78	-2.03	9.45	17.60	2.22	1.88	5.29	-0.89	0.24	0.11	0.02	-1.75
MRFBM1TOR26P5_COS		-55.35	107.61	5.45	0.24	-2.58	0.02	0.11	-0.15	-0.17	-0.14	0.02	0.30	-0.18	0.04	0.10	0.12
MRFBM1TOR26P5_SIN		0.00	-296.44	1.22	1.17	-0.39	0.66	-1.51	-0.40	0.07	0.31	0.16	-0.02	-0.07	-0.08	-0.08	0.00

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		754.04	-1442.36	591.94	-44.87	-114.84	-88.74	-102.12	-25.50	22.70	-9.06	-27.11	19.92	5.65	-5.98	11.91	2.41
MRPC1CB33P25_SIN		0.00	1732.50	2.57	93.56	130.53	-114.61	-41.39	-59.70	-5.69	6.12	-87.91	13.77	14.04	6.61	-3.05	24.28
MRPC1FB33P25_COS		1877.99	376.42	81.09	234.74	3.17	-98.20	-67.57	-113.45	-15.15	-40.63	18.58	17.02	-2.76	1.37	33.71	13.39
MRPC1FB33P25_SIN		0.00	-203.18	225.40	645.54	231.83	77.97	-35.55	-279.31	-62.93	-77.78	-151.27	20.54	8.31	-0.51	-14.64	49.68
MRPC1TOR25P5_COS		-277.29	9.79	-197.15	-83.15	48.76	10.85	-6.54	22.76	3.82	7.81	4.01	0.27	9.24	-0.81	-6.69	-9.81
MRPC1TOR25P5_SIN		0.00	-139.40	77.02	-192.28	-11.05	-23.36	35.69	28.88	-13.03	-10.79	-17.20	6.53	11.20	9.17	10.13	-1.55
MRPLK1LOAD_COS		12.91	-2.70	-25.88	-13.09	5.82	3.09	-2.45	3.68	1.59	1.53	0.88	-1.29	2.00	-0.21	-1.59	-1.97
MRPLK1LOAD_SIN		0.00	-12.82	9.20	-29.96	-1.14	-3.25	5.34	4.44	-1.66	-1.58	-1.77	0.04	1.40	1.37	1.62	-0.04
PITCHRH_COS		9363.69	-9319.86	-237.42	-3.50	60.87	88.17	85.95	-71.23	229.44	-40.82	62.05	106.44	10.31	104.81	-23.94	-84.96
PITCHRH_SIN		0.00	1037.72	-1142.78	-14.43	99.05	-1751.26	-137.80	138.90	-94.21	-186.00	-346.97	107.89	22.77	-22.28	56.33	147.40
ROLLRH_COS		5414.13	-1033.11	1208.76	-199.67	121.28	-1239.72	-8.05	-102.09	-112.14	172.47	291.62	15.35	15.70	-46.03	-10.00	122.28
ROLLRH_SIN		0.00	-9474.23	-301.48	79.44	385.67	2221.94	-204.15	-202.34	18.75	-120.19	-14.69	23.24	-28.97	120.12	-29.64	145.60
TORQ_COS		124427.42	333.16	-23.53	142.24	81.86	16.03	7.23	-27.28	3.94	1.66	8.70	-3.67	-0.75	3.25	-4.82	6.18
TORQ_SIN		0.00	1106.54	-100.92	38.65	-142.79	252.81	8.18	49.30	-5.75	-4.76	74.36	3.40	-7.35	3.69	-2.56	-1.08
THRUST_COS		6765.87	-86.38	5.17	23.60	1.40	18.04	3.74	5.19	-1.65	-3.03	23.00	-11.40	4.95	-5.70	3.44	-14.46
THRUST_SIN		0.00	-221.08	-12.15	-9.13	29.44	-43.13	4.81	16.19	1.90	5.21	69.07	6.08	-3.89	-4.50	4.05	-11.45

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.38	43.93	-27.11	-3.56	-17.91	-120.29	-1.71	3.01	0.17	-8.53	-10.59	0.38	-1.49	1.57	0.30	-3.43
SIDERH_SIN		0.00	236.03	4.09	-1.39	-57.43	-247.83	-0.52	3.54	0.31	5.13	-6.23	0.32	0.09	-3.45	0.65	-4.03
DRAGRH_COS		-103.93	243.43	14.19	6.57	6.34	580.81	-21.20	-7.67	1.96	-0.57	-14.82	-1.94	-1.58	-4.49	0.99	3.04
DRAGRH_SIN		0.00	-42.79	14.69	-0.65	1.76	331.21	27.79	3.26	-2.76	15.86	15.25	-4.28	4.09	0.35	-2.34	-5.32

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.77	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.87	0.28	-16.48	-4.28	-0.13	0.29	1.25	-0.36	-0.14	-0.42	-0.52	0.36	-0.05	0.08	0.39	-0.10
ACT1FORCE_SIN		0.00	20.72	8.43	-3.28	-0.04	1.29	-0.07	0.44	0.18	0.16	-0.02	0.00	0.28	0.03	-0.02	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		425.46	-13.11	317.70	33.42	4.99	1.39	-12.27	0.06	0.06	-0.01	-0.17	-0.06	-0.10	0.02	0.02	0.04
FA1IBVOLTAGE_SIN		0.00	-111.68	142.64	22.85	2.41	-4.49	11.37	0.03	0.14	0.04	0.00	0.07	-0.07	0.01	0.05	-0.03
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.36	13.34	-318.47	-33.82	-4.18	-1.23	12.28	-0.06	-0.01	0.02	0.16	0.06	0.12	-0.01	-0.01	-0.03
FA1OBVOLTAGE_SIN		0.00	112.05	-142.52	-23.19	-2.70	4.49	-11.43	-0.09	-0.03	-0.05	0.02	-0.09	0.09	0.00	-0.04	0.03
MRBLD1CB42P75_COS		168.13	-1753.04	746.36	-157.53	-224.08	-138.24	-83.13	-18.81	0.10	-5.65	-37.83	41.25	2.50	-10.92	4.04	2.08
MRBLD1CB42P75_SIN		0.00	2325.55	22.53	126.40	397.02	-166.62	-29.82	-16.69	18.63	49.40	-83.51	1.08	11.50	15.79	-7.47	29.44

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4895.73	-1396.56	574.52	-328.35	-188.79	-102.37	-54.96	-10.79	7.82	-1.56	-24.95	30.55	4.00	-6.02	2.98	13.65
MRBLD1CB70_SIN		0.00	1763.92	-59.61	157.65	758.11	-157.79	129.22	7.95	19.89	39.03	-34.88	-2.68	-0.44	7.94	-10.94	30.93
MRBLD1CB120_COS		-109.84	-848.45	466.65	-211.65	-74.57	-22.81	-21.84	13.55	28.67	-0.74	6.70	-21.95	3.51	5.12	4.54	-2.10
MRBLD1CB120_SIN		0.00	1143.75	-75.43	130.02	814.36	-76.09	241.94	-19.82	-38.89	-46.64	47.05	8.38	0.86	-1.75	-1.41	2.76
MRBLD1CB164_COS		-2000.82	-299.33	125.16	-76.35	-24.20	-11.41	-19.73	21.91	14.12	0.45	6.32	-21.45	0.06	1.76	-5.94	-8.33
MRBLD1CB164_SIN		0.00	408.99	29.23	87.05	318.78	-3.00	133.13	-12.12	-38.96	-51.08	31.25	15.03	9.23	1.71	12.02	-19.96
MRBLD1FB42P75_COS		2490.36	366.48	175.30	528.93	0.16	-108.26	-81.13	-150.48	-62.11	-79.88	-90.52	23.13	8.64	1.45	-10.44	45.65
MRBLD1FB42P75_SIN		0.00	-505.43	278.75	730.97	250.29	136.14	-37.78	-97.14	-55.80	-36.85	-66.15	-6.97	10.90	0.04	-35.60	19.14
MRBLD1FB70_COS		687.17	94.24	50.60	111.20	-11.89	-30.30	-19.13	-12.60	1.20	3.01	1.27	1.12	-0.06	0.46	1.97	-8.39
MRBLD1FB70_SIN		0.00	-262.06	133.57	201.50	91.97	15.66	-3.33	-11.85	1.50	6.55	4.44	2.16	1.26	0.76	6.89	-4.98
MRBLD1FB87_COS		95.79	111.68	-28.13	33.19	-11.81	-13.29	-4.00	12.43	10.93	15.96	23.87	-4.89	-0.40	0.56	3.21	-9.04
MRBLD1FB87_SIN		0.00	-326.72	113.57	110.45	27.36	5.17	2.91	7.80	5.61	6.95	17.01	3.83	-0.92	0.76	9.53	-1.41
MRBLD1FB120_COS		-294.88	149.38	-124.25	-8.04	-10.99	-0.51	-5.37	13.99	-8.75	-13.08	-13.75	-4.11	-5.51	-3.26	-5.12	12.92
MRBLD1FB120_SIN		0.00	-466.32	143.68	210.91	-17.18	25.37	15.42	23.38	4.95	-8.18	-13.00	-6.98	-4.38	-5.05	-15.88	1.69
MRBLD1FB164_COS		163.81	87.85	-82.96	85.69	27.00	46.40	37.33	-14.91	3.26	19.21	23.16	-3.28	0.92	0.50	-0.04	-9.19
MRBLD1FB164_SIN		0.00	-568.43	32.82	334.53	29.68	-40.04	-44.84	-32.24	-5.91	9.76	19.82	4.76	-1.25	0.90	8.75	-0.14

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		67.73	-75.32	-33.75	52.88	35.57	38.93	13.43	-11.12	12.50	26.10	46.38	-19.74	-15.02	-10.42	-6.48	17.35
MRBLD1FB180_SIN		0.00	-395.08	-14.27	163.02	12.78	-15.85	-37.13	-40.41	7.71	24.10	34.34	-0.17	-11.14	-9.99	-19.54	0.72
MRBLD1TOR51_COS		-1450.83	127.70	48.76	123.80	-33.42	-5.26	3.05	-13.28	-0.87	2.91	2.33	-3.09	-3.04	-1.02	2.76	4.43
MRBLD1TOR51_SIN		0.00	-91.99	-49.36	130.18	56.55	15.68	-41.41	-19.33	1.93	10.37	9.59	-3.22	-3.66	-5.77	-6.23	3.14
MRBLD1TOR71_COS		-312.06	151.56	2.85	117.74	-15.84	7.25	12.66	-6.36	0.08	4.76	4.86	-6.55	-2.01	-0.83	1.80	2.10
MRBLD1TOR71_SIN		0.00	-106.18	-62.49	73.29	22.32	17.27	-34.32	-9.74	4.92	10.40	13.87	-2.40	-2.92	-3.22	-2.97	2.26
MRBLD1TOR130_COS		-52.47	123.64	-6.34	108.57	-3.20	10.30	14.61	-4.05	1.49	3.26	3.96	-2.62	-0.77	-1.62	-1.86	-3.24
MRBLD1TOR130_SIN		0.00	-67.74	-120.32	39.28	11.87	6.79	-23.63	-12.26	-0.84	1.75	-1.87	3.36	2.84	4.23	2.92	-0.12
MRBLD1TOR164_COS		-295.15	56.22	-7.11	67.59	-0.60	-4.89	4.01	-0.86	-1.04	4.22	5.27	-4.98	-0.53	-0.78	-0.57	-2.41
MRBLD1TOR164_SIN		0.00	3.51	-113.37	-39.75	8.05	5.16	-11.46	-2.42	1.70	-0.22	1.94	-0.74	-1.39	1.69	-0.35	0.83
MRFBM1CB26P5_COS		-100.16	-1225.17	342.45	26.70	-75.52	-11.42	0.50	1.29	-2.50	-1.72	-1.45	1.59	-0.34	0.15	1.99	-2.32
MRFBM1CB26P5_SIN		0.00	1113.68	137.16	-80.50	-103.69	-29.61	-48.84	-12.28	-1.96	-1.40	-14.64	0.92	1.85	-0.10	-1.17	0.60
MRFBM1FB9_COS		1110.10	-257.57	-283.34	-32.73	31.02	24.97	15.37	3.00	0.11	1.66	0.11	-0.58	0.80	0.15	-1.11	0.59
MRFBM1FB9_SIN		0.00	-93.18	-126.85	-246.66	-41.08	-0.89	10.46	9.16	3.06	1.45	4.39	-0.77	-0.09	0.10	0.63	-1.89
MRFBM1TOR26P5_COS		-53.89	107.87	4.45	0.43	-2.21	0.20	-0.15	-0.25	0.06	0.02	-0.07	0.28	0.03	0.07	0.03	0.13
MRFBM1TOR26P5_SIN		0.00	-303.14	1.47	0.61	0.57	0.44	-1.57	-0.27	0.11	0.16	0.23	-0.10	-0.03	-0.18	-0.04	-0.09

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		757.28	-1155.77	622.08	-22.44	-106.91	-119.22	-92.73	-18.88	6.97	-5.82	-33.33	26.83	3.99	-7.93	6.42	0.60
MRPC1CB33P25_SIN		0.00	1890.67	-30.75	85.41	144.52	-99.32	-38.56	-22.98	-7.51	11.19	-65.12	-2.44	8.81	10.99	-9.54	25.95
MRPC1FB33P25_COS		1895.93	313.25	39.87	332.91	-49.21	-127.81	-52.45	-82.55	-18.83	-34.84	-23.85	26.00	0.58	-0.46	23.59	8.30
MRPC1FB33P25_SIN		0.00	-229.41	240.92	695.79	225.64	73.60	-54.77	-150.04	-80.28	-72.59	-103.99	11.08	13.26	2.65	-28.15	54.63
MRPC1TOR25P5_COS		-290.32	-11.45	-71.63	-110.21	27.50	6.99	-2.62	11.60	1.31	1.72	1.78	3.80	3.66	-1.90	-2.81	-8.96
MRPC1TOR25P5_SIN		0.00	-203.10	59.86	-122.59	-39.36	-24.38	50.95	18.41	-7.82	-15.84	-17.67	8.73	8.77	12.45	8.86	4.15
MRPLK1LOAD_COS		11.31	-5.29	-9.57	-16.99	2.96	2.78	-1.53	2.17	0.67	0.38	1.13	-0.76	0.24	-0.50	-0.76	-1.96
MRPLK1LOAD_SIN		0.00	-21.14	6.52	-20.47	-5.15	-3.31	7.25	2.60	-1.02	-1.60	-2.15	0.61	0.95	2.38	1.34	1.13
PITCHRH_COS		12285.21	-9300.62	-404.35	46.87	101.86	-630.37	-7.90	15.57	92.19	-76.43	45.94	95.12	-50.34	77.50	-20.97	-63.10
PITCHRH_SIN		0.00	1076.53	-1093.49	43.87	-12.43	-1670.65	-103.55	71.97	-108.03	-147.47	-376.34	44.79	-14.28	-26.22	46.51	75.56
ROLLRH_COS		5877.54	-1022.83	1129.03	-237.85	268.73	-1149.34	-19.13	-126.75	-292.98	172.07	231.28	3.13	27.17	-43.82	3.76	166.24
ROLLRH_SIN		0.00	-9539.27	-393.55	68.32	338.26	1775.94	-251.51	-163.41	85.62	-125.28	-48.86	-4.31	-92.98	90.33	-12.02	139.24
TORQ_COS		124547.12	360.54	-44.17	91.68	70.18	93.56	7.32	-1.58	7.90	1.81	24.20	-3.40	-0.70	-0.75	-5.41	7.54
TORQ_SIN		0.00	1067.83	-79.51	57.99	-172.80	211.25	6.94	54.98	-9.99	-8.55	58.73	3.39	-8.41	4.69	-0.15	0.05
THRUST_COS		6874.02	-87.46	-5.78	21.37	4.35	43.62	5.51	12.86	-7.74	-0.65	36.96	-9.71	-5.24	-1.37	3.27	-12.42
THRUST_SIN		0.00	-220.65	-14.80	2.11	31.44	-36.85	7.97	12.64	0.43	13.17	42.63	5.71	0.72	5.97	-1.91	-17.01

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.94	41.73	-24.44	-4.21	-34.95	-107.80	0.08	3.01	4.51	-8.41	-9.80	0.72	-2.17	1.66	-0.31	-4.46
SIDERH_SIN		0.00	239.49	6.02	-3.12	-37.19	-198.09	3.57	2.54	-2.65	6.07	-4.22	1.35	2.18	-2.39	0.38	-3.63
DRAGRH_COS		-79.68	244.81	16.59	8.24	8.08	602.53	-12.91	-6.02	2.89	-0.02	-16.46	-0.68	2.09	-2.43	1.50	4.90
DRAGRH_SIN		0.00	-46.44	10.92	-2.87	0.93	280.52	19.06	5.14	-4.12	14.78	13.47	-4.45	4.92	1.36	-3.73	-1.97

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.31	-0.01	0.00	0.00	0.00	-0.01	-0.02	0.01	0.03	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.72	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	-0.03	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.80	-0.30	-11.03	-3.94	-1.40	0.42	-0.16	-0.12	-0.34	0.16	0.89	0.07	0.01	-0.16	-0.25	-0.04
ACT1FORCE_SIN		0.00	20.28	9.15	-1.71	-0.15	0.13	-0.39	0.31	0.32	0.28	-0.06	0.07	0.13	-0.08	0.28	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		426.17	-7.64	358.14	25.92	12.87	3.37	8.55	0.00	0.03	0.00	0.08	-0.02	-0.05	0.01	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-109.90	11.25	9.99	-0.05	0.87	9.06	-0.04	-0.08	-0.02	0.25	-0.01	-0.01	-0.05	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.09	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		379.68	7.90	-358.86	-26.36	-12.43	-3.25	-8.56	-0.02	0.05	0.02	-0.08	-0.01	0.05	-0.01	0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	110.26	-11.17	-10.27	-0.83	-0.92	-9.13	-0.01	-0.03	0.02	-0.25	0.00	-0.02	0.04	0.00	-0.01
MRBLD1CB42P75_COS		248.79	-2151.17	681.32	-173.91	-182.71	-161.74	-91.22	-8.67	6.92	-15.97	-23.98	19.60	0.72	-7.87	3.74	1.22
MRBLD1CB42P75_SIN		0.00	1986.74	10.99	121.40	435.69	-145.18	-32.71	-9.37	11.28	26.74	-81.31	-5.84	19.95	22.66	-7.67	28.19

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4938.41	-1628.83	535.88	-342.16	-69.04	-139.51	-50.41	2.08	9.94	-13.27	-19.75	15.15	0.10	-4.27	2.26	10.22
MRBLD1CB70_SIN		0.00	1550.85	-100.78	207.55	794.92	-166.90	107.02	7.50	16.46	25.23	-47.79	-5.33	9.46	16.60	-10.82	31.66
MRBLD1CB120_COS		-109.07	-927.72	429.23	-207.99	46.33	-59.41	2.91	27.90	17.97	9.63	11.54	-10.04	0.10	3.26	3.57	-3.24
MRBLD1CB120_SIN		0.00	1083.39	-105.56	193.89	845.23	-114.04	207.24	-29.33	-39.81	-30.72	49.18	9.74	-2.10	-3.04	-1.11	3.70
MRBLD1CB164_COS		-2003.24	-313.15	132.88	-61.70	17.45	-20.85	-2.08	25.20	9.53	12.93	10.37	-8.13	2.26	1.26	-5.77	-5.96
MRBLD1CB164_SIN		0.00	403.95	7.00	128.80	325.43	-27.77	120.23	-20.83	-40.18	-35.98	44.22	15.14	1.32	-3.67	9.89	-20.95
MRBLD1FB42P75_COS		2490.53	465.46	105.08	708.46	-59.47	-116.71	-95.02	-126.77	-81.36	-67.14	-28.16	7.89	7.14	2.01	-8.60	43.61
MRBLD1FB42P75_SIN		0.00	-450.03	349.71	778.19	309.04	137.48	-44.04	-79.11	-69.55	-57.94	-63.42	-14.29	8.39	3.77	-35.50	20.05
MRBLD1FB70_COS		695.39	93.59	32.97	169.59	-25.49	-33.15	-21.33	-8.15	-1.31	1.80	1.19	1.12	-0.04	0.29	1.44	-8.36
MRBLD1FB70_SIN		0.00	-265.61	149.18	228.55	108.32	15.33	-4.38	-8.64	-0.64	4.31	3.24	2.35	1.29	0.54	6.82	-5.26
MRBLD1FB87_COS		101.14	112.96	-29.52	68.16	-22.57	-13.13	-2.34	11.04	13.01	14.14	10.37	-0.15	-0.22	0.41	2.96	-8.32
MRBLD1FB87_SIN		0.00	-328.93	118.75	134.75	32.28	4.25	3.28	7.22	8.00	11.07	16.71	5.29	-0.63	0.05	9.95	-1.33
MRBLD1FB120_COS		-291.43	148.18	-111.95	35.83	-23.95	2.71	-1.00	6.39	-4.70	-11.02	-10.01	-6.41	-5.16	-2.16	-4.24	12.69
MRBLD1FB120_SIN		0.00	-477.60	140.48	245.75	-18.95	18.92	18.82	19.21	6.01	-5.23	-11.27	-8.30	-3.68	-3.37	-15.71	2.41
MRBLD1FB164_COS		165.94	117.58	-147.81	105.72	60.74	50.05	38.95	-5.22	-1.06	17.46	14.21	0.64	-0.31	-0.15	-0.07	-7.81
MRBLD1FB164_SIN		0.00	-568.17	110.08	324.89	20.19	-36.80	-46.89	-28.88	-8.43	8.44	18.11	7.65	-1.02	-0.18	8.60	-0.03

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		66.83	-44.53	-98.84	50.99	62.62	38.02	15.18	-0.71	10.86	24.09	20.14	-11.20	-15.72	-9.80	-5.44	16.61
MRBLD1FB180_SIN		0.00	-393.09	58.12	141.48	10.04	-12.29	-41.96	-37.50	5.61	28.03	34.21	1.90	-11.58	-8.40	-18.83	2.06
MRBLD1TOR51_COS		-1443.99	154.39	-64.66	128.16	-7.53	-12.90	-6.82	-15.09	-2.09	4.65	1.25	-2.16	-1.82	-1.93	2.08	3.23
MRBLD1TOR51_SIN		0.00	-58.78	12.40	71.91	74.62	12.06	-47.91	-15.89	2.22	4.48	2.28	0.21	-3.51	-4.34	-5.86	1.46
MRBLD1TOR71_COS		-306.76	181.59	-99.37	115.84	7.81	1.21	4.20	-8.89	-0.57	6.60	0.81	-4.78	-0.73	-0.65	0.90	1.79
MRBLD1TOR71_SIN		0.00	-69.54	-4.45	14.72	35.60	14.44	-40.41	-8.35	7.18	5.89	5.99	1.96	-2.00	-2.32	-2.41	1.38
MRBLD1TOR130_COS		-47.19	152.45	-102.96	94.86	21.63	4.58	9.59	-5.39	0.56	6.86	2.37	-2.74	0.23	0.14	-2.40	-2.22
MRBLD1TOR130_SIN		0.00	-30.47	-60.17	-23.13	19.28	7.18	-29.94	-11.41	1.93	-2.08	-2.60	5.14	5.14	4.53	3.66	0.96
MRBLD1TOR164_COS		-290.89	73.33	-69.14	51.31	10.00	-8.29	1.31	-1.04	-0.79	4.64	0.22	-3.70	-0.62	0.87	0.33	-1.61
MRBLD1TOR164_SIN		0.00	32.22	-76.84	-83.33	10.67	6.50	-15.72	-2.95	4.65	-0.67	0.14	0.80	0.98	1.74	-0.01	2.64
MRFBM1CB26P5_COS		7.98	-1418.31	316.33	19.70	-93.08	-13.09	-2.89	-0.84	-1.98	-0.01	1.48	1.12	0.34	-0.21	1.77	-1.81
MRFBM1CB26P5_SIN		0.00	854.57	127.73	-112.14	-90.99	-17.75	-44.06	-9.85	-2.36	-2.92	-8.75	0.18	0.81	-0.95	-1.03	0.44
MRFBM1FB9_COS		1106.92	-57.56	-235.85	-71.04	39.09	26.51	15.38	2.93	0.43	1.02	-1.01	-0.54	0.65	0.40	-1.19	0.62
MRFBM1FB9_SIN		0.00	19.02	-156.09	-275.88	-49.13	0.18	10.03	6.95	4.25	2.17	2.77	0.03	-0.06	0.03	0.58	-1.80
MRFBM1TOR26P5_COS		-49.41	109.69	3.88	0.16	-1.50	0.18	-0.49	-0.18	0.02	-0.15	0.11	0.26	0.00	-0.02	0.06	0.10
MRFBM1TOR26P5_SIN		0.00	-316.35	1.74	0.11	1.26	0.17	-1.28	-0.13	-0.10	0.20	0.19	-0.20	-0.17	-0.18	-0.08	-0.14

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		796.24	-1517.72	558.04	-50.82	-122.59	-127.47	-97.62	-9.43	10.42	-8.27	-17.43	12.24	1.42	-5.66	6.23	-0.32
MRPC1CB33P25_SIN		0.00	1648.09	-12.68	49.75	168.33	-78.46	-35.69	-19.15	-15.16	0.51	-55.92	-6.57	14.28	16.43	-9.30	25.14
MRPC1FB33P25_COS		1898.47	392.89	-26.27	471.32	-108.74	-134.23	-60.15	-69.98	-26.96	-14.14	20.35	18.99	1.62	-1.95	25.23	6.99
MRPC1FB33P25_SIN		0.00	-181.53	289.95	766.86	261.24	73.14	-65.11	-126.78	-97.97	-81.51	-66.02	-3.29	11.06	5.59	-26.63	53.44
MRPC1TOR25P5_COS		-289.36	-44.44	47.60	-111.59	-0.94	15.00	8.74	13.82	3.39	2.99	2.18	1.66	3.32	2.21	-2.78	-6.19
MRPC1TOR25P5_SIN		0.00	-263.45	-5.61	-55.62	-57.53	-19.23	56.76	14.64	-6.77	-10.28	-8.19	5.69	11.97	11.42	9.63	7.92
MRPLK1LOAD_COS		11.99	-9.67	5.97	-17.43	-1.13	4.01	0.44	2.28	0.86	0.91	0.44	-0.94	0.34	0.50	-0.81	-1.28
MRPLK1LOAD_SIN		0.00	-29.60	-2.65	-11.40	-7.85	-2.35	7.67	1.86	-0.27	-1.02	-1.04	0.69	2.07	2.30	1.61	1.82
PITCHRH_COS		9378.56	-9259.86	-492.77	136.53	27.02	-1309.99	-51.36	53.16	-37.57	-11.76	7.63	67.49	-11.70	75.90	8.53	-91.00
PITCHRH_SIN		0.00	987.33	-1081.38	15.37	-40.23	-1208.21	-74.33	-20.91	-154.71	-86.61	-362.03	58.20	56.66	-47.04	81.27	50.12
ROLLRH_COS		3643.34	-1083.94	1087.17	-205.48	305.76	-1156.97	-122.49	-54.20	-205.76	100.24	228.10	-13.19	-33.83	-4.57	98.95	118.08
ROLLRH_SIN		0.00	-9506.65	-585.08	105.52	195.29	1312.01	-207.31	-89.59	110.64	-150.44	-4.32	3.67	-49.52	91.77	-31.35	154.22
TORQ_COS		126453.72	322.05	-40.23	73.95	9.68	118.09	9.34	4.14	-1.16	-1.35	14.39	-1.60	-0.65	-1.54	-4.50	6.90
TORQ_SIN		0.00	1145.95	-77.22	86.41	-177.44	123.90	7.27	46.86	-4.39	-7.87	34.53	5.73	-6.45	6.38	-2.91	-0.21
THRUST_COS		6849.68	-91.94	-16.72	25.56	12.70	60.82	5.97	10.27	-0.01	4.55	10.16	-4.97	0.45	2.91	0.21	-11.10
THRUST_SIN		0.00	-226.09	-19.87	1.38	27.02	-35.33	7.59	11.55	4.98	4.03	33.37	8.80	2.58	0.72	3.12	-22.89

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-183.44	41.55	-19.53	-3.70	-30.91	-98.66	5.94	1.54	1.43	-4.66	-8.99	0.84	-0.69	0.42	-2.99	-2.82
SIDERH_SIN		0.00	238.35	17.05	-0.51	-9.77	-145.24	3.27	2.40	-3.59	7.76	-5.19	0.63	1.31	-2.28	0.88	-4.17
DRAGRH_COS		-115.95	243.78	12.78	4.34	12.10	617.45	-11.15	-4.56	4.65	0.06	-13.65	-1.76	0.69	-2.11	-2.10	6.12
DRAGRH_SIN		0.00	-43.41	8.86	-3.37	-5.26	154.43	8.29	5.66	-4.99	9.33	15.08	-4.32	2.40	1.63	-3.86	-1.53

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.48	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.02	0.02	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.07	-0.95	-6.13	-2.14	-2.99	0.17	-0.30	-0.34	-0.06	-0.12	-0.38	0.30	0.17	0.22	-0.22	-0.17
ACT1FORCE_SIN		0.00	20.27	6.84	0.01	0.67	-0.27	1.68	-0.06	0.15	-0.44	-0.61	0.09	-0.01	0.02	-0.24	-0.15
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		423.85	-0.64	321.67	8.75	22.02	5.35	5.38	-0.11	-0.09	-0.02	0.01	-0.03	-0.02	-0.03	-0.03	0.01
FA1IBVOLTAGE_SIN		0.00	-114.81	-126.90	1.84	-4.71	-1.45	-17.91	0.05	0.02	-0.07	-0.13	0.07	-0.03	0.01	-0.12	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		381.97	0.95	-322.18	-9.23	-22.40	-5.32	-5.38	0.06	-0.12	0.03	-0.01	0.03	-0.01	0.02	0.03	-0.01
FA1OBVOLTAGE_SIN		0.00	115.09	127.50	-1.92	3.84	1.36	17.84	-0.02	-0.05	0.04	0.13	-0.04	0.07	-0.01	0.11	0.04
MRBLD1CB42P75_COS		200.23	-1962.48	647.75	-155.30	-67.96	-189.51	-87.93	-7.14	5.79	-27.27	-36.72	19.63	2.73	-2.03	10.17	2.00
MRBLD1CB42P75_SIN		0.00	2103.29	-27.58	148.08	422.63	-110.50	-20.98	-7.70	8.37	30.95	-76.70	-5.56	23.27	20.23	-16.68	31.63

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4912.90	-1494.75	498.20	-289.94	124.61	-191.66	-45.10	-5.12	13.58	-21.65	-27.21	14.03	2.34	3.02	7.50	15.17
MRBLD1CB70_SIN		0.00	1631.52	-155.96	282.62	706.68	-153.46	69.95	0.98	9.92	31.50	-40.86	-8.43	14.40	15.68	-19.15	34.50
MRBLD1CB120_COS		-111.39	-865.85	400.54	-140.07	209.46	-106.99	12.21	10.34	17.05	14.71	11.77	-10.70	1.79	2.49	3.98	-2.11
MRBLD1CB120_SIN		0.00	1124.38	-142.68	244.61	740.45	-130.21	130.37	-42.72	-44.88	-31.14	47.90	8.07	-1.14	-1.94	0.60	2.74
MRBLD1CB164_COS		-2002.47	-299.29	134.62	-9.90	65.12	-38.57	10.79	16.22	4.28	18.08	13.29	-6.83	1.64	-0.80	-11.42	-8.32
MRBLD1CB164_SIN		0.00	417.85	-29.12	154.49	287.67	-47.10	79.27	-25.70	-42.32	-41.77	40.12	15.89	-1.47	-4.15	14.13	-22.07
MRBLD1FB42P75_COS		2502.39	425.93	104.18	927.65	-140.17	-103.28	-101.51	-126.76	-97.61	-86.73	-49.94	5.95	7.88	-4.30	-12.32	48.94
MRBLD1FB42P75_SIN		0.00	-455.05	428.72	631.46	373.26	160.51	-37.24	-67.25	-59.92	-59.03	-57.97	-15.45	7.37	2.75	-51.55	23.91
MRBLD1FB70_COS		694.15	95.20	32.47	249.67	-43.11	-32.38	-20.73	-8.27	-2.26	1.10	1.45	1.48	0.37	1.71	2.19	-9.23
MRBLD1FB70_SIN		0.00	-264.49	172.32	193.39	120.20	22.02	-4.69	-7.82	-0.40	4.63	3.25	2.41	1.18	0.96	10.04	-6.13
MRBLD1FB87_COS		98.16	110.86	-25.03	120.52	-35.92	-13.50	-1.17	10.75	15.63	18.15	15.27	-0.02	-0.57	1.58	4.10	-9.42
MRBLD1FB87_SIN		0.00	-333.13	131.05	122.01	40.15	4.21	1.78	5.60	6.37	11.36	15.19	5.40	-0.55	0.37	13.55	-2.02
MRBLD1FB120_COS		-296.30	142.71	-105.44	111.36	-31.17	1.07	3.25	8.39	-2.51	-10.39	-10.92	-7.85	-4.97	-4.32	-6.26	14.02
MRBLD1FB120_SIN		0.00	-488.11	143.60	242.51	-5.29	10.30	17.20	17.41	4.83	-5.72	-11.81	-7.08	-2.86	-4.21	-20.81	3.25
MRBLD1FB164_COS		154.21	150.91	-161.25	133.45	107.00	53.19	32.38	-6.74	-4.18	16.48	17.55	1.63	-0.81	-0.02	1.30	-8.56
MRBLD1FB164_SIN		0.00	-591.13	229.54	288.71	5.54	-46.00	-40.26	-25.53	-5.63	7.77	15.91	7.28	-0.85	-0.51	10.54	0.39

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		62.17	-16.20	-108.91	39.54	93.97	41.07	10.62	-4.02	7.93	32.80	31.85	-14.61	-16.80	-11.42	-7.73	17.02
MRBLD1FB180_SIN		0.00	-409.37	164.12	121.22	-5.15	-20.26	-38.43	-33.26	4.98	26.58	32.41	0.24	-12.20	-9.25	-24.11	2.55
MRBLD1TOR51_COS		-1442.06	202.10	-120.51	103.85	27.62	-17.86	-0.37	-21.75	-0.81	1.47	-1.93	-1.35	-1.58	-1.51	1.66	2.32
MRBLD1TOR51_SIN		0.00	-46.31	126.92	8.61	67.66	22.99	-49.49	-13.29	-1.50	5.82	4.83	-3.12	-4.34	-3.75	-7.12	2.26
MRBLD1TOR71_COS		-304.42	223.57	-149.99	82.24	38.03	-2.05	9.57	-14.66	2.09	4.06	-0.58	-3.09	-0.07	0.72	0.73	1.13
MRBLD1TOR71_SIN		0.00	-58.97	103.51	-43.23	27.76	23.56	-42.25	-6.76	3.89	6.85	8.80	-0.11	-2.59	-2.81	-2.95	1.44
MRBLD1TOR130_COS		-44.83	195.71	-150.78	46.59	51.69	2.23	12.96	-9.59	2.27	3.13	1.01	-0.93	1.24	2.17	-1.84	-1.96
MRBLD1TOR130_SIN		0.00	-17.79	45.73	-73.77	7.28	16.55	-33.19	-10.69	-0.55	-3.53	-1.17	5.58	5.12	2.42	4.02	0.20
MRBLD1TOR164_COS		-287.78	103.02	-101.18	6.90	21.31	-8.83	2.99	-2.33	1.84	3.11	2.09	-3.37	-0.23	1.53	1.81	-1.22
MRBLD1TOR164_SIN		0.00	45.01	-11.25	-111.52	-0.47	14.88	-18.85	-4.49	3.70	-0.39	1.19	1.59	1.48	-0.78	-0.13	2.32
MRFBM1CB26P5_COS		-27.10	-1310.37	304.03	-17.57	-93.96	-10.55	-5.73	0.98	-3.43	-0.52	0.46	1.64	0.48	-1.05	2.42	-2.71
MRFBM1CB26P5_SIN		0.00	937.07	119.59	-132.52	-51.68	-11.86	-32.06	-6.59	-1.66	-4.54	-9.72	0.38	0.06	-1.40	-1.31	0.33
MRFBM1FB9_COS		1111.34	-124.42	-217.22	-138.26	45.07	27.19	12.79	2.80	0.85	1.59	-0.42	-0.40	0.72	0.42	-1.69	0.87
MRFBM1FB9_SIN		0.00	2.80	-197.19	-261.47	-53.41	-3.27	8.74	6.68	4.58	2.63	3.30	0.17	-0.20	0.22	0.82	-2.04
MRFBM1TOR26P5_COS		-51.21	101.46	3.15	-0.09	-0.56	0.07	-0.32	-0.27	-0.13	-0.01	0.06	0.15	-0.05	-0.12	0.00	0.08
MRFBM1TOR26P5_SIN		0.00	-318.66	2.60	-0.20	1.32	0.17	-1.03	-0.07	-0.06	0.30	0.13	-0.26	-0.19	-0.06	-0.06	-0.12

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		760.36	-1372.93	541.99	-54.66	-88.35	-135.03	-88.38	-5.72	6.18	-14.04	-28.65	11.50	3.42	-1.32	12.12	0.30
MRPC1CB33P25_SIN		0.00	1725.93	-33.62	45.48	187.62	-50.56	-17.09	-17.70	-15.13	2.76	-54.00	-5.65	17.75	14.75	-17.02	26.98
MRPC1FB33P25_COS		1908.64	360.80	-36.03	679.04	-185.48	-132.32	-69.27	-76.15	-43.74	-28.12	0.97	18.90	2.74	-4.92	37.76	7.18
MRPC1FB33P25_SIN		0.00	-188.71	350.56	684.70	294.40	95.33	-63.75	-118.06	-99.00	-94.05	-75.27	-5.93	11.27	-0.66	-40.45	60.96
MRPC1TOR25P5_COS		-295.51	-104.65	105.42	-77.72	-39.11	19.19	1.03	21.10	2.31	3.48	5.23	3.03	4.06	4.71	0.75	-4.55
MRPC1TOR25P5_SIN		0.00	-276.61	-127.00	12.82	-50.69	-30.53	58.20	11.87	-3.22	-14.07	-11.30	10.71	13.53	6.90	9.91	6.58
MRPLK1LOAD_COS		10.94	-17.58	13.34	-13.01	-6.36	4.67	-0.77	3.22	1.12	0.85	1.16	-0.43	0.57	1.30	-0.13	-0.98
MRPLK1LOAD_SIN		0.00	-30.80	-18.81	-1.91	-7.04	-4.14	7.73	1.42	0.20	-1.63	-1.39	1.47	2.38	1.19	1.78	1.43
PITCHRH_COS		10846.67	-9216.55	-672.63	131.28	35.85	-1804.18	-23.81	-55.54	-141.71	-73.82	42.29	8.13	52.34	17.06	12.65	-73.45
PITCHRH_SIN		0.00	954.13	-856.72	6.15	-74.35	-127.77	116.97	-91.64	-19.39	-29.74	-314.42	53.73	-58.27	-62.60	32.76	48.88
ROLLRH_COS		3718.64	-1108.11	881.61	-219.81	426.68	-1444.70	-95.65	-46.46	-171.61	89.50	220.71	-51.84	24.15	-34.97	119.92	124.62
ROLLRH_SIN		0.00	-9485.09	-714.08	138.82	65.56	586.18	-94.06	-124.41	-141.35	-156.70	-11.88	3.07	-48.75	45.57	-115.32	269.52
TORQ_COS		125794.35	326.67	-42.22	62.58	-56.17	145.57	11.78	-1.85	5.86	0.82	17.24	-0.67	-1.23	0.04	-4.50	9.22
TORQ_SIN		0.00	1161.64	-51.87	113.59	-176.30	61.67	10.48	30.84	-10.82	-4.40	35.17	4.50	-4.93	6.51	-1.53	0.60
THRUST_COS		6879.55	-92.26	-31.39	27.79	15.97	67.53	9.76	12.14	0.12	0.70	20.19	-0.18	-0.23	1.48	2.04	-16.84
THRUST_SIN		0.00	-240.20	-11.02	1.83	25.05	-51.83	9.08	11.97	-1.18	0.77	34.15	4.49	5.60	-2.59	7.13	-28.44

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-181.39	44.54	-15.02	-2.55	-32.13	-43.82	12.21	1.82	1.48	-3.16	-9.14	1.80	-1.08	1.51	-3.48	-3.19
SIDERH_SIN		0.00	238.61	15.66	1.34	23.22	-75.20	-2.21	3.54	3.61	7.80	-4.46	0.71	2.03	-1.18	3.30	-7.73
DRAGRH_COS		-101.12	243.12	12.18	2.95	11.18	477.33	-20.56	-3.19	1.93	4.04	-15.01	-1.44	0.04	-0.67	-1.52	6.08
DRAGRH_SIN		0.00	-45.01	3.44	-5.99	-11.47	-15.26	-3.69	3.29	-9.13	5.75	12.76	-3.17	4.74	1.94	-0.94	-2.07

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.26	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.04	0.01	0.00	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.78	0.00	-0.01	0.00	0.00	-0.01	0.01	0.01	0.01	-0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.28	-2.14	-2.98	0.06	-3.03	0.18	1.46	-0.23	-0.19	-0.30	0.51	0.28	0.03	-0.14	0.13	-0.05
ACT1FORCE_SIN		0.00	20.96	1.83	0.14	1.79	0.00	1.75	0.16	0.05	0.06	0.50	0.06	-0.02	0.12	0.41	0.04
FA1IBCURRENT_COS		-0.01	-0.02	-0.05	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		423.60	4.85	229.06	-9.14	22.35	0.01	-16.29	0.06	-0.01	-0.09	-0.14	0.06	-0.05	0.03	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-126.83	-224.83	8.45	-11.91	-6.52	-15.45	0.05	0.03	0.04	0.14	-0.01	0.00	-0.06	0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		382.19	-4.59	-229.27	8.71	-23.12	-0.01	16.24	-0.04	-0.02	0.06	0.14	-0.04	0.08	-0.02	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	127.05	225.55	-8.36	11.64	6.46	15.35	0.06	0.17	-0.05	-0.11	-0.01	-0.01	0.06	-0.01	0.02
MRBLD1CB42P75_COS		255.66	-2016.82	602.74	-124.14	37.20	-201.96	-89.11	10.75	3.11	-28.99	4.44	2.62	11.75	-5.99	-3.37	-0.03
MRBLD1CB42P75_SIN		0.00	2292.90	-38.82	190.67	377.65	-77.02	-18.51	-13.03	6.77	31.77	-67.41	-20.16	20.57	15.38	-13.95	33.97

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4944.33	-1522.75	444.60	-211.24	301.47	-228.49	-52.72	-2.05	9.18	-25.57	-0.10	0.45	12.97	0.87	-5.11	11.93
MRBLD1CB70_SIN		0.00	1763.19	-194.12	360.97	572.57	-154.88	26.83	6.33	6.63	37.58	-43.34	-18.63	11.24	8.52	-17.08	35.65
MRBLD1CB120_COS		-98.18	-865.04	354.87	-50.08	355.00	-148.42	9.62	-4.72	8.13	13.49	-6.75	-2.38	0.30	2.13	6.15	-3.50
MRBLD1CB120_SIN		0.00	1182.16	-163.77	306.62	607.56	-170.84	52.83	-36.14	-39.67	-34.73	52.01	18.20	-2.20	-0.54	-1.11	2.77
MRBLD1CB164_COS		-2003.63	-302.20	118.52	54.32	114.78	-60.92	17.42	4.06	-0.93	17.10	-6.12	-0.31	-6.51	-1.29	-3.43	-6.34
MRBLD1CB164_SIN		0.00	431.07	-58.86	180.37	246.23	-77.15	43.11	-22.23	-37.82	-46.61	48.57	23.81	-2.55	-0.39	16.26	-21.11
MRBLD1FB42P75_COS		2512.87	439.23	145.53	1102.50	-224.14	-70.37	-124.15	-100.36	-109.04	-94.68	5.95	-6.38	10.99	1.81	-16.05	49.96
MRBLD1FB42P75_SIN		0.00	-511.37	534.12	503.90	501.50	174.15	-32.06	-103.25	-33.18	-70.25	-40.03	-12.93	8.10	13.27	-40.11	28.27
MRBLD1FB70_COS		700.44	98.74	43.16	321.65	-60.99	-25.35	-24.52	-4.02	-3.23	-0.22	2.77	1.44	0.30	0.99	2.90	-9.51
MRBLD1FB70_SIN		0.00	-269.50	201.42	159.96	149.28	25.77	-4.74	-13.77	2.33	4.92	1.73	2.64	1.53	-0.75	7.99	-7.13
MRBLD1FB87_COS		99.56	112.26	-16.95	171.12	-46.62	-12.34	-0.08	7.38	16.95	18.95	1.68	3.72	-1.70	0.44	5.08	-10.07
MRBLD1FB87_SIN		0.00	-339.58	142.02	104.26	55.89	3.02	1.21	8.33	2.70	13.32	11.58	4.91	-0.23	-1.62	11.06	-2.47
MRBLD1FB120_COS		-298.65	133.94	-99.15	180.03	-29.58	-6.00	9.97	2.63	-1.72	-8.13	-9.39	-9.16	-2.72	-2.35	-7.00	15.16
MRBLD1FB120_SIN		0.00	-500.05	142.65	221.33	6.24	3.64	20.37	26.59	1.08	-5.51	-8.46	-7.10	-3.47	-1.83	-17.58	3.68
MRBLD1FB164_COS		148.30	181.23	-126.77	134.24	153.42	45.96	27.46	1.99	-3.14	13.29	8.57	6.15	-1.43	-2.08	2.51	-8.20
MRBLD1FB164_SIN		0.00	-625.12	353.23	258.17	-39.22	-48.49	-43.32	-40.94	-0.75	10.06	11.16	7.17	1.96	-2.73	8.09	0.53

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		61.13	5.93	-72.27	14.48	118.09	39.46	9.55	-0.54	4.36	35.14	5.61	-8.72	-16.46	-7.86	-7.18	18.42
MRBLD1FB180_SIN		0.00	-437.30	270.67	115.43	-37.59	-23.56	-38.67	-40.35	3.64	28.76	28.99	2.61	-13.71	-6.92	-19.94	3.28
MRBLD1TOR51_COS		-1444.63	250.70	-119.83	57.12	49.73	-20.87	5.46	-22.40	-5.77	3.06	2.06	-1.83	-1.76	0.04	2.73	1.16
MRBLD1TOR51_SIN		0.00	-60.02	258.64	-17.25	53.10	23.89	-57.31	-19.90	-5.46	7.60	3.26	0.07	-4.38	-3.03	-6.02	3.62
MRBLD1TOR71_COS		-306.45	270.19	-147.34	28.98	57.54	-4.77	15.33	-18.28	-1.45	5.04	0.72	-1.83	-0.80	0.73	1.95	0.07
MRBLD1TOR71_SIN		0.00	-73.82	225.80	-66.25	12.82	23.78	-48.58	-12.33	-0.73	9.54	6.49	2.54	-4.36	-2.87	-1.87	2.49
MRBLD1TOR130_COS		-46.51	242.93	-145.15	-17.54	71.64	-0.10	16.37	-11.85	-1.23	2.95	4.82	0.47	0.90	-0.39	-2.03	-1.56
MRBLD1TOR130_SIN		0.00	-29.83	163.65	-90.73	-11.78	18.46	-39.69	-15.82	-2.64	-2.52	2.88	4.21	2.19	1.22	4.60	0.18
MRBLD1TOR164_COS		-287.99	136.13	-98.69	-42.95	23.07	-6.23	2.94	-6.23	0.63	2.32	-0.36	-0.93	0.30	-0.80	0.16	0.15
MRBLD1TOR164_SIN		0.00	42.07	61.04	-116.22	-10.90	17.83	-20.34	-8.23	2.11	2.06	0.26	-0.05	-0.19	-0.90	-0.70	2.32
MRFBM1CB26P5_COS		33.22	-1384.20	287.99	-56.73	-89.20	-10.20	-4.62	5.75	-2.25	-0.40	3.33	1.39	-0.93	-1.59	2.44	-2.68
MRFBM1CB26P5_SIN		0.00	1051.76	127.50	-141.92	-18.95	-2.24	-20.96	-9.13	-1.64	-5.84	-5.10	0.23	0.10	0.26	-1.16	0.77
MRFBM1FB9_COS		1139.39	-89.67	-213.41	-193.21	54.71	25.50	10.55	0.33	2.11	1.66	-1.24	-0.10	0.54	0.68	-1.25	0.99
MRFBM1FB9_SIN		0.00	-112.52	-261.24	-248.58	-63.15	-5.92	9.67	6.84	4.40	3.16	1.31	0.69	-0.47	0.00	0.86	-2.12
MRFBM1TOR26P5_COS		-47.97	87.94	2.69	-0.43	0.20	0.02	-0.10	-0.15	-0.10	0.06	0.02	0.04	-0.05	0.02	0.03	0.08
MRFBM1TOR26P5_SIN		0.00	-319.69	3.64	-0.03	0.93	0.11	-1.03	-0.10	0.04	0.19	-0.04	-0.16	-0.02	-0.01	-0.09	-0.13

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		784.73	-1400.75	519.78	-59.83	-57.33	-133.82	-84.09	8.14	2.77	-12.19	-3.74	0.36	11.60	-3.50	0.43	-2.65
MRPC1CB33P25_SIN		0.00	1865.66	-32.28	62.47	196.39	-17.31	-5.75	-27.91	-10.50	-2.11	-44.90	-10.69	14.94	11.69	-15.58	29.87
MRPC1FB33P25_COS		1918.43	375.77	-14.65	847.50	-280.42	-108.53	-91.21	-39.93	-63.05	-27.72	32.16	8.11	5.17	-10.66	23.60	3.33
MRPC1FB33P25_SIN		0.00	-239.97	438.06	611.85	379.39	115.81	-67.40	-135.76	-82.61	-106.24	-28.84	-12.13	13.91	10.72	-37.08	63.47
MRPC1TOR25P5_COS		-288.43	-177.83	103.04	-20.13	-61.84	23.31	-6.10	22.28	6.95	1.49	3.36	4.89	4.88	-1.46	-3.07	-3.86
MRPC1TOR25P5_SIN		0.00	-262.22	-265.74	41.24	-34.93	-29.90	67.36	18.94	0.78	-14.86	-4.81	4.21	9.22	5.09	9.97	5.32
MRPLK1LOAD_COS		12.34	-27.58	12.55	-5.62	-9.49	5.37	-1.83	2.84	1.79	0.71	0.97	0.14	0.54	-0.17	-0.63	-0.94
MRPLK1LOAD_SIN		0.00	-28.62	-37.39	2.33	-4.71	-4.46	8.76	2.55	0.66	-1.45	-0.28	0.19	1.02	0.74	1.94	1.36
PITCHRH_COS		10599.44	-9188.15	-729.48	97.37	32.10	-2073.96	-78.20	-83.72	-4.10	-85.61	136.43	-2.18	-11.69	4.66	-30.55	-57.79
PITCHRH_SIN		0.00	869.12	-523.52	9.00	-80.00	1024.30	183.37	0.50	142.27	10.87	-421.45	-18.70	-23.75	-2.76	0.36	69.71
ROLLRH_COS		5421.97	-996.04	496.98	-193.62	350.90	-2100.60	-112.90	21.45	-234.86	94.73	206.53	12.89	-22.07	-64.42	31.85	250.23
ROLLRH_SIN		0.00	-9406.85	-704.05	143.44	-82.53	18.84	-87.25	-101.83	57.53	-118.99	13.54	-41.83	-25.53	8.91	-50.51	194.88
TORQ_COS		127399.92	332.52	-28.61	25.46	-127.32	159.02	17.03	-27.42	-3.12	0.02	7.78	-2.10	2.92	-0.04	-5.64	8.88
TORQ_SIN		0.00	1182.31	-34.05	118.01	-170.44	-22.81	7.23	45.91	-9.69	-4.05	25.10	3.25	-5.25	4.56	-1.82	-1.40
THRUST_COS		6959.84	-77.70	-41.00	21.53	19.77	64.27	9.27	10.11	-3.20	1.83	5.76	2.28	1.41	-2.71	3.48	-15.13
THRUST_SIN		0.00	-247.11	10.25	2.69	23.86	-63.30	7.35	17.99	-1.53	-0.35	32.13	1.72	-1.22	-0.01	6.10	-27.02

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.71	42.18	-3.25	-2.88	-6.51	36.82	14.19	-0.65	2.65	-3.39	-7.49	-1.01	0.64	1.82	-1.16	-6.87
SIDERH_SIN		0.00	237.33	14.37	3.47	42.55	-39.00	1.06	1.53	-1.70	6.14	-4.82	1.94	0.69	0.00	1.16	-5.20
DRAGRH_COS		-98.07	245.49	3.74	2.36	5.90	290.50	-18.08	-5.03	-3.13	2.84	-19.44	1.60	1.48	-0.08	1.66	5.03
DRAGRH_SIN		0.00	-45.80	2.92	-5.15	-14.54	-122.67	-14.31	4.85	-6.83	1.49	15.66	1.46	2.04	0.03	0.42	-3.78

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.03	-0.01	0.00	0.01	0.00	0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.01	0.00	0.00	0.00	0.01	0.01	-0.01	-0.03	0.01	-0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.97	-20.82	3.47	-1.75	0.52	-0.12	0.37	-0.23	0.57	0.23	0.35	0.24	0.04	-0.02	-0.13	-0.13
ACT1FORCE_SIN		0.00	1.91	2.41	-1.36	4.08	0.13	1.25	0.10	0.55	-0.13	-0.45	0.17	-0.27	0.10	0.09	-0.19
FA1IBCURRENT_COS		-0.01	0.00	0.07	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		421.18	130.80	36.22	24.57	-5.94	0.14	-7.02	0.05	0.03	-0.14	0.21	0.03	-0.01	-0.09	-0.11	0.09
FA1IBVOLTAGE_SIN		0.00	-23.31	279.29	3.42	-32.72	-6.35	-13.19	-0.12	0.10	0.16	0.14	-0.04	0.04	-0.07	0.02	0.01
FA1OBCURRENT_COS		0.02	0.00	-0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		384.57	-130.91	-36.62	-24.29	6.00	-0.14	7.04	-0.10	-0.11	0.14	-0.19	-0.02	0.03	0.09	0.11	-0.08
FA1OBVOLTAGE_SIN		0.00	23.48	-279.81	-3.39	33.30	6.37	13.01	0.13	-0.19	-0.16	-0.13	0.03	-0.04	0.08	-0.02	0.00
MRBLD1CB42P75_COS		379.10	-2263.69	-426.46	206.40	273.84	-121.55	38.51	-35.33	14.01	-17.35	59.27	12.81	-2.99	13.79	-10.04	-27.40
MRBLD1CB42P75_SIN		0.00	-2108.95	251.95	-1.13	116.60	-108.41	-96.84	46.11	-3.74	27.96	-60.25	-0.41	-15.52	3.57	-9.72	12.72

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5031.11	-1747.44	-210.69	361.73	491.50	-138.72	46.55	-25.47	7.81	-8.23	18.97	12.73	-4.36	8.08	-10.73	-25.85
MRBLD1CB70_SIN		0.00	-1513.68	337.03	-104.16	-63.37	-229.23	-83.80	22.90	-5.97	31.88	-50.26	-0.11	-10.72	-1.79	-11.86	25.43
MRBLD1CB120_COS		-61.93	-1197.08	-175.31	204.58	537.07	-85.07	51.38	-15.52	-32.57	-4.59	-41.03	-8.03	-0.43	1.39	5.90	-3.36
MRBLD1CB120_SIN		0.00	-737.23	275.46	-208.47	-77.97	-255.05	-23.44	49.24	8.14	-29.20	35.47	-5.42	-0.98	-1.10	-2.18	-0.80
MRBLD1CB164_COS		-1990.86	-448.80	-38.55	53.60	207.85	-30.70	14.96	1.88	-34.99	-6.10	-28.13	-14.09	1.88	-1.20	0.92	16.28
MRBLD1CB164_SIN		0.00	-229.65	107.78	-186.40	-1.01	-127.53	9.54	10.97	12.61	-34.69	41.81	-5.54	2.82	0.06	15.16	-14.89
MRBLD1FB42P75_COS		2488.47	557.93	-424.29	-536.61	316.02	-120.35	-2.18	61.88	44.43	-121.55	76.41	4.35	-6.88	10.01	-24.05	-1.90
MRBLD1FB42P75_SIN		0.00	474.64	-469.20	-1113.58	481.89	167.99	-105.72	219.44	102.83	0.99	-55.33	-3.14	-2.63	-7.04	-27.83	46.86
MRBLD1FB70_COS		702.65	290.87	-140.94	-162.17	89.32	-30.12	0.04	-0.93	7.97	1.04	-1.11	-3.35	0.32	0.19	4.61	1.05
MRBLD1FB70_SIN		0.00	33.12	-171.44	-340.67	135.01	21.76	-22.31	35.50	2.46	4.57	1.52	0.17	-2.48	-0.50	6.43	-9.65
MRBLD1FB87_COS		100.73	352.54	-53.45	-82.18	24.65	-13.62	0.35	-1.78	-8.69	23.81	-16.57	-3.72	1.52	-0.58	6.40	-2.42
MRBLD1FB87_SIN		0.00	35.90	-132.04	-200.53	73.09	-1.92	0.50	-19.36	-14.38	-0.16	15.35	2.11	-1.38	1.46	7.84	-8.55
MRBLD1FB120_COS		-299.55	506.56	30.38	-15.63	4.60	-13.42	-11.16	4.52	-5.26	-7.50	3.73	8.96	0.62	-3.21	-9.70	3.39
MRBLD1FB120_SIN		0.00	13.62	-158.82	-284.93	34.52	-9.63	11.91	-59.39	2.54	-2.95	-11.79	-4.70	6.16	-0.05	-13.33	12.56
MRBLD1FB164_COS		134.68	667.58	-141.45	93.94	42.48	59.07	22.99	-14.91	8.17	12.39	-8.50	-7.59	1.78	-0.42	3.08	-2.78
MRBLD1FB164_SIN		0.00	41.71	-399.59	-245.61	-175.86	-22.79	24.65	86.11	1.56	5.65	12.67	4.95	-4.97	4.84	4.46	-5.27

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		51.78	444.55	-149.22	99.19	17.39	50.95	17.22	-6.12	1.67	41.40	-34.50	5.73	10.75	-9.46	-10.33	5.45
MRBLD1FB180_SIN		0.00	-86.15	-296.92	-72.90	-136.92	-3.71	11.16	74.29	0.29	3.96	36.03	-7.68	18.67	5.02	-15.91	14.19
MRBLD1TOR51_COS		-1450.73	165.36	-103.76	-17.79	56.78	-32.00	36.28	10.89	2.00	6.53	-7.90	1.65	0.83	-3.58	1.13	-2.36
MRBLD1TOR51_SIN		0.00	243.57	-361.85	7.10	-42.80	20.05	15.81	43.27	12.82	2.37	-0.20	-0.64	4.59	-0.63	-5.67	2.70
MRBLD1TOR71_COS		-314.16	172.45	-63.00	-28.23	31.72	-17.85	29.05	12.25	2.56	10.32	-11.45	0.63	-0.03	-2.97	1.19	-1.87
MRBLD1TOR71_SIN		0.00	269.20	-335.66	57.37	-65.77	23.36	24.05	29.37	5.98	3.38	2.47	-1.55	4.21	-0.91	-1.74	1.34
MRBLD1TOR130_COS		-54.71	122.99	-41.12	-3.21	19.21	-9.36	24.89	5.15	2.91	0.90	2.47	-1.93	0.23	2.29	-1.69	-0.90
MRBLD1TOR130_SIN		0.00	252.95	-272.26	106.87	-87.09	20.39	21.04	29.93	5.33	-4.31	5.79	-3.07	-1.58	1.01	5.02	-1.78
MRBLD1TOR164_COS		-290.03	17.08	-2.47	-14.49	-5.41	-10.55	12.51	6.60	1.80	3.97	-2.23	1.87	-0.96	0.52	-0.64	-1.13
MRBLD1TOR164_SIN		0.00	158.85	-137.93	128.26	-32.55	16.08	5.22	12.48	-0.96	1.09	1.28	-1.41	0.26	1.08	-0.48	0.76
MRFBM1CB26P5_COS		217.79	-1005.60	-297.24	-39.44	-29.79	-5.20	5.93	-2.43	0.38	-4.15	13.08	-0.57	-0.08	-0.10	1.67	-1.02
MRFBM1CB26P5_SIN		0.00	-1484.75	-1.08	165.34	70.33	13.60	1.37	10.51	1.50	-4.02	1.66	1.04	0.38	0.78	-1.42	-2.06
MRFBM1FB9_COS		1107.19	-19.69	336.24	-10.77	-26.52	26.36	-7.76	5.68	2.21	3.49	-3.13	-0.55	-0.39	-0.09	-0.73	1.90
MRFBM1FB9_SIN		0.00	249.47	176.31	315.62	-75.66	0.21	7.07	-10.57	-4.83	2.42	-0.23	-0.07	-0.01	-0.45	1.14	0.04
MRFBM1TOR26P5_COS		-43.71	347.03	-5.07	0.11	0.63	-0.13	0.54	0.13	0.11	0.08	-0.12	-0.02	0.01	-0.02	0.04	0.14
MRFBM1TOR26P5_SIN		0.00	12.15	-1.20	0.88	-0.96	0.30	0.23	0.35	0.12	0.06	-0.14	0.20	0.04	-0.04	-0.14	0.02

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		802.62	-1868.27	-371.77	98.99	124.44	-77.85	18.26	-19.50	1.39	-16.96	45.10	6.19	-6.03	11.04	-5.25	-25.14
MRPC1CB33P25_SIN		0.00	-1492.15	205.08	64.66	167.50	-34.25	-83.94	49.78	-5.77	-2.24	-42.00	-1.64	-11.49	2.47	-11.94	9.29
MRPC1FB33P25_COS		1904.26	277.67	-210.52	-263.31	172.88	-141.10	34.13	-36.84	-19.90	-89.17	91.91	3.56	-6.00	12.20	11.00	-47.22
MRPC1FB33P25_SIN		0.00	443.41	-456.43	-1031.93	462.96	97.30	-88.98	210.72	97.02	-69.40	4.36	4.47	-7.05	3.40	-36.14	28.06
MRPC1TOR25P5_COS		-272.13	190.23	129.03	3.38	-49.80	37.96	-45.66	-13.17	-4.84	-6.89	17.28	-5.30	-2.11	7.16	-1.71	-6.63
MRPC1TOR25P5_SIN		0.00	-255.52	365.03	-55.92	63.78	-22.90	-18.17	-42.28	-12.34	-10.72	4.43	-1.01	-8.60	2.04	10.92	-2.14
MRPLK1LOAD_COS		15.49	19.40	19.72	0.45	-7.08	7.50	-5.16	-1.43	-0.26	-0.14	2.50	0.10	-0.25	1.15	-0.59	-1.69
MRPLK1LOAD_SIN		0.00	-36.43	49.87	-3.04	10.23	-2.56	-3.14	-5.78	-2.35	-1.10	1.69	-0.37	-0.77	0.38	2.10	-0.55
PITCHRH_COS		5371.30	-2918.55	633.58	-80.33	-69.38	-2138.62	-331.23	34.51	82.47	13.41	308.83	43.37	18.66	0.99	13.35	-59.46
PITCHRH_SIN		0.00	-8854.38	-43.83	-110.22	-130.80	1566.90	-44.05	-26.49	-141.51	61.85	-258.13	9.83	39.96	-28.59	16.70	-50.46
ROLLRH_COS		1600.19	8926.51	-78.96	219.27	19.31	-2303.36	27.24	3.40	220.87	-81.03	105.74	54.76	22.35	5.49	15.78	-13.49
ROLLRH_SIN		0.00	-3166.29	592.29	16.46	-276.18	-1405.90	-177.23	83.25	118.44	-49.87	95.07	15.77	25.59	42.51	-34.39	189.04
TORQ_COS		130246.11	-1206.60	11.22	162.53	-212.11	130.06	-6.72	1.65	0.11	-1.96	-41.90	-5.39	-1.81	5.00	-4.09	4.25
TORQ_SIN		0.00	548.38	27.03	-126.76	4.77	-84.03	18.83	-50.35	3.74	-3.55	15.24	-5.22	4.31	1.04	-0.84	5.54
THRUST_COS		6828.96	252.90	8.52	-5.98	28.21	86.53	-8.00	-19.07	-0.82	0.46	-39.07	-3.43	-1.11	1.33	2.70	13.59
THRUST_SIN		0.00	-146.66	-40.89	-26.25	4.49	-53.23	9.59	-12.81	1.29	-0.87	29.55	-2.59	-0.82	2.92	6.96	-26.54

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-182.97	-220.79	3.78	3.89	49.48	121.84	0.82	1.37	-5.98	4.93	0.40	-2.15	-0.68	-0.39	-0.73	0.24
SIDERH_SIN		0.00	97.25	-2.16	-3.84	11.37	33.63	19.86	-3.14	-0.82	2.93	-6.12	-0.67	-0.01	-1.01	0.60	-4.56
DRAGRH_COS		-172.57	101.58	-2.32	-5.76	-10.78	54.24	29.70	0.13	-0.81	-1.24	-15.86	-1.82	-0.56	-0.03	-0.79	4.74
DRAGRH_SIN		0.00	230.81	-7.41	0.61	-10.78	-150.63	-27.32	-4.59	2.03	-2.92	-1.51	1.54	-1.98	1.24	-0.05	3.96

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.05	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.01	0.00	0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.48	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	-0.01	0.00	0.01	-0.01	0.00
ACT1DISP_COS		2.64	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.61	-2.44	-3.70	2.61	-2.28	-0.14	-0.52	-0.19	-0.15	-0.21	0.06	-0.05	0.13	-0.22	0.54	-0.11
ACT1FORCE_SIN		0.00	21.09	-7.68	-1.73	3.98	0.03	-0.58	0.07	0.56	-0.09	0.68	-0.14	0.03	0.26	-0.15	-0.10
FA1IBCURRENT_COS		-0.01	-0.02	-0.06	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		424.95	0.71	-46.78	-16.12	15.50	-3.58	6.05	-0.04	-0.03	-0.05	-0.11	0.02	0.02	-0.03	0.08	0.04
FA1IBVOLTAGE_SIN		0.00	-138.38	-246.38	29.35	-34.15	1.93	6.50	-0.04	0.06	-0.10	-0.01	-0.03	0.00	-0.04	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.78	-0.64	47.14	16.10	-15.38	3.59	-6.15	0.04	-0.03	0.05	0.09	0.00	-0.02	0.03	-0.08	-0.03
FA1OBVOLTAGE_SIN		0.00	138.51	246.84	-29.14	34.63	-1.96	-6.34	-0.01	-0.07	0.09	0.00	0.03	0.00	0.05	-0.02	0.01
MRBLD1CB42P75_COS		253.64	-2211.00	468.59	-126.10	46.18	-126.74	-110.64	29.77	14.68	-31.29	6.62	-13.61	2.13	-1.07	-19.73	7.08
MRBLD1CB42P75_SIN		0.00	1835.36	6.07	163.72	162.48	-38.77	-15.63	-89.18	28.12	4.43	-78.61	-9.59	11.82	11.70	0.39	28.55

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4949.80	-1635.31	297.64	-102.89	252.14	-206.74	-153.47	15.23	14.26	-23.21	-22.77	-10.59	3.40	1.11	-16.59	21.12
MRBLD1CB70_SIN		0.00	1422.55	-170.80	324.65	164.09	-145.94	-30.64	-52.98	15.56	17.81	-45.96	-10.14	7.52	6.39	-2.90	32.23
MRBLD1CB120_COS		-84.80	-897.40	250.60	77.30	265.24	-186.92	-124.80	5.37	-4.16	7.60	1.09	1.60	2.20	3.32	4.73	-0.39
MRBLD1CB120_SIN		0.00	1010.32	-143.15	247.31	232.72	-201.39	-59.88	-58.17	-37.74	-23.69	55.81	8.65	-2.52	3.57	-6.59	2.52
MRBLD1CB164_COS		-1993.29	-306.68	56.60	136.97	75.29	-90.85	-33.09	-6.24	-12.39	8.94	16.41	3.23	-1.62	1.96	7.56	-12.82
MRBLD1CB164_SIN		0.00	380.13	-80.05	126.02	114.38	-114.00	-33.14	1.26	-47.71	-30.36	56.87	13.44	-3.55	-1.41	9.61	-20.60
MRBLD1FB42P75_COS		2519.59	505.78	230.28	1119.41	-219.79	-12.68	-125.20	-107.65	-91.92	-124.16	47.62	-12.50	1.23	10.22	-28.33	47.50
MRBLD1FB42P75_SIN		0.00	-429.22	630.31	129.88	601.75	203.60	45.23	-299.32	19.14	-54.00	-102.45	1.17	-3.02	0.94	0.02	7.01
MRBLD1FB70_COS		704.89	101.91	63.66	349.91	-67.03	-8.97	-27.12	-6.59	-1.39	-3.22	0.22	2.05	0.90	-0.62	5.96	-9.22
MRBLD1FB70_SIN		0.00	-265.78	228.85	31.79	162.04	32.32	7.07	-48.03	8.37	5.18	1.78	2.03	2.27	0.46	0.44	-2.35
MRBLD1FB87_COS		102.31	115.77	-5.29	204.59	-47.92	-12.44	1.04	7.42	14.47	24.81	-7.98	6.11	1.16	-1.70	6.57	-9.40
MRBLD1FB87_SIN		0.00	-329.70	148.49	25.54	72.86	1.61	-5.46	25.84	-5.45	11.44	24.43	0.78	2.48	1.48	1.61	1.12
MRBLD1FB120_COS		-300.26	123.67	-97.08	234.87	-17.35	-30.53	16.64	8.01	-6.45	-4.62	-3.58	-10.35	-4.77	0.64	-9.50	14.18
MRBLD1FB120_SIN		0.00	-489.01	133.77	120.60	36.04	-2.96	-2.71	78.05	-7.33	-7.09	-11.49	-3.96	-6.23	-5.41	-4.15	-1.26
MRBLD1FB164_COS		128.74	190.30	36.72	99.55	186.42	46.52	19.07	2.15	0.63	6.13	-3.41	12.58	3.15	-7.00	1.92	-6.01
MRBLD1FB164_SIN		0.00	-672.92	460.39	204.11	-104.04	-37.51	-16.73	-109.11	12.74	13.27	15.20	1.39	7.47	3.17	-1.89	1.05

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		47.89	15.43	85.42	-30.35	123.45	54.97	9.76	-10.41	-1.07	40.93	-12.96	-5.47	-16.68	-5.03	-10.99	17.05
MRBLD1FB180_SIN		0.00	-482.40	362.81	130.42	-96.40	-23.62	-3.71	-93.57	1.38	20.72	55.97	-0.55	-12.89	-8.85	-6.11	-1.34
MRBLD1TOR51_COS		-1458.45	288.14	32.84	-41.81	66.60	-13.44	18.43	-21.96	-10.25	7.58	-3.00	-5.29	-1.69	0.08	-0.56	2.09
MRBLD1TOR51_SIN		0.00	-149.11	428.65	-1.56	-9.73	30.33	-33.88	-53.85	0.87	3.15	11.14	1.22	-5.95	-3.83	-4.91	4.04
MRBLD1TOR71_COS		-318.76	309.77	1.61	-69.82	72.19	-0.99	28.99	-22.21	-5.30	10.89	-5.47	-4.73	-1.10	0.56	0.57	0.94
MRBLD1TOR71_SIN		0.00	-149.27	380.87	-35.49	-37.75	27.30	-28.14	-33.59	2.50	6.98	13.75	2.96	-4.97	-2.50	-2.50	2.84
MRBLD1TOR130_COS		-61.10	285.95	9.34	-119.77	80.90	5.93	22.96	-11.90	-4.15	3.28	8.24	-2.97	-0.80	-0.08	-0.84	-1.68
MRBLD1TOR130_SIN		0.00	-106.32	309.62	-35.33	-60.30	20.94	-22.66	-34.75	4.71	-4.26	3.44	5.22	2.04	3.01	3.28	-0.23
MRBLD1TOR164_COS		-295.65	169.45	1.55	-112.58	17.10	2.24	5.96	-9.37	1.45	4.03	-2.60	-0.58	-0.12	-0.37	-2.37	1.60
MRBLD1TOR164_SIN		0.00	-9.87	153.16	-60.66	-34.50	17.77	-10.46	-14.12	3.25	4.13	-0.56	-0.24	1.13	1.38	-0.88	0.26
MRFBM1CB26P5_COS		114.57	-1443.99	254.96	-127.86	-35.29	5.43	14.09	4.74	-0.39	-1.64	12.83	0.45	-0.11	-0.03	-0.01	-2.58
MRFBM1CB26P5_SIN		0.00	746.81	151.61	-117.06	14.05	16.12	-1.93	-13.80	1.46	-6.31	-6.78	0.15	-0.56	0.28	-1.50	0.06
MRFBM1FB9_COS		1114.31	50.08	-243.46	-232.68	50.17	20.66	8.58	-7.56	3.57	2.37	-2.89	0.44	0.26	0.27	0.18	0.10
MRFBM1FB9_SIN		0.00	8.84	-338.01	-157.98	-65.16	-10.65	10.08	15.69	2.64	3.95	1.00	0.99	0.02	-0.07	1.06	-2.07
MRFBM1TOR26P5_COS		-49.08	87.19	3.93	-0.88	1.12	-0.02	0.48	-0.22	-0.11	0.05	-0.09	0.13	0.02	0.00	0.05	0.03
MRFBM1TOR26P5_SIN		0.00	-317.34	5.34	-0.26	-0.56	0.26	-0.67	-0.36	-0.11	0.10	0.11	-0.14	-0.06	-0.12	-0.05	-0.08

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		717.97	-1606.61	418.87	-124.27	-52.74	-61.37	-79.40	12.79	16.56	-18.09	13.34	-9.02	4.05	0.58	-13.67	3.21
MRPC1CB33P25_SIN		0.00	1550.33	6.49	57.28	156.48	6.99	-5.52	-83.61	13.85	-18.09	-57.58	-2.13	6.39	11.04	-2.83	24.70
MRPC1FB33P25_COS		1928.18	421.91	29.95	928.29	-301.12	-67.22	-123.79	33.21	-72.74	-58.97	98.57	-6.68	5.94	4.41	-17.86	21.02
MRPC1FB33P25_SIN		0.00	-164.66	522.85	303.05	456.64	154.77	-3.41	-295.30	-34.02	-109.20	-49.17	-7.87	-0.97	10.94	-21.82	49.89
MRPC1TOR25P5_COS		-277.08	-221.44	-61.80	92.82	-83.27	18.94	-22.27	25.44	11.85	-4.68	12.96	5.29	2.66	-0.43	-2.25	-2.40
MRPC1TOR25P5_SIN		0.00	-167.77	-444.06	15.51	27.61	-34.41	43.08	50.09	-2.26	-9.60	-16.06	3.61	10.80	9.02	8.24	3.04
MRPLK1LOAD_COS		14.07	-33.22	-9.35	9.91	-12.95	4.22	-4.06	3.57	2.43	-0.02	2.33	-0.08	0.00	-0.10	-0.41	-0.48
MRPLK1LOAD_SIN		0.00	-15.85	-60.62	-1.01	3.92	-5.27	5.32	7.37	0.45	-0.63	-1.93	0.09	1.40	1.77	1.30	0.90
PITCHRH_COS		7798.91	-9242.33	-285.60	146.06	39.33	-544.88	86.89	-105.31	79.11	86.47	-71.21	-31.88	41.38	-25.70	15.11	-140.16
PITCHRH_SIN		0.00	791.33	-306.60	-72.87	-102.94	2600.20	297.52	27.54	-25.59	10.57	-423.16	-44.03	4.24	-38.03	20.46	136.96
ROLLRH_COS		2515.75	-975.51	471.17	-56.54	148.45	-3317.08	-127.98	45.96	-107.38	-54.15	104.42	-14.20	-27.96	-43.17	56.12	147.12
ROLLRH_SIN		0.00	-9312.86	-140.63	216.78	-185.53	-163.42	90.02	-86.09	57.13	-3.60	-39.87	-46.16	19.31	35.43	0.97	-28.60
TORQ_COS		128448.95	283.83	12.84	90.36	-103.19	45.82	9.47	-8.68	-5.06	-0.93	-29.10	-0.92	3.08	-1.53	-2.92	8.95
TORQ_SIN		0.00	1251.83	-57.17	217.79	-81.15	-165.59	10.66	69.43	-12.44	-4.50	39.71	3.11	-4.59	5.51	-0.92	-2.29
THRUST_COS		6876.56	-87.57	-5.39	32.97	15.41	41.78	13.81	23.80	2.84	-0.33	-15.53	-0.66	-0.35	-1.01	0.48	-25.36
THRUST_SIN		0.00	-266.11	43.14	-1.06	15.76	-101.16	8.03	20.40	2.93	-0.06	43.41	2.20	-0.65	1.46	0.63	-22.91

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.72	44.68	-11.15	1.58	22.34	194.94	14.45	-3.37	-1.05	3.30	-2.37	0.17	0.70	1.44	-1.78	-3.26
SIDERH_SIN		0.00	237.05	-8.10	9.35	49.96	-68.90	-13.46	2.35	-2.38	0.81	-3.31	1.22	-0.96	-1.07	-0.04	1.12
DRAGRH_COS		-126.10	245.41	-6.37	-4.97	-0.13	-173.13	-42.33	0.49	1.50	-5.50	-9.25	2.31	-2.88	1.64	-1.39	7.53
DRAGRH_SIN		0.00	-45.83	15.53	-2.08	-12.73	-13.94	-16.31	4.98	-2.07	-2.51	12.87	1.53	0.55	2.32	0.15	-7.33

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.79	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	-0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.26	0.00	-0.01	0.00	0.00	0.02	0.00	0.00	-0.04	0.00	-0.01	0.01	0.00	0.01
ACT1DISP_COS		2.64	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.79	-1.88	-8.25	2.36	-1.25	-0.17	-0.25	-0.46	-0.09	-0.03	1.03	-0.28	0.07	-0.14	-0.16	-0.22
ACT1FORCE_SIN		0.00	21.46	-10.04	-3.63	3.82	-0.09	1.49	0.61	0.01	0.01	-0.79	-0.05	-0.16	0.13	0.07	0.19
FA1IBCURRENT_COS		-0.01	-0.01	-0.04	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		421.73	-9.06	-155.65	-7.76	2.74	2.81	2.00	0.01	0.11	0.04	0.18	-0.02	0.04	0.00	-0.01	-0.03
FA1IBVOLTAGE_SIN		0.00	-135.00	-158.23	39.77	-33.18	0.08	-14.45	0.01	0.04	0.01	0.03	-0.07	0.07	-0.07	0.00	-0.09
FA1OBCURRENT_COS		0.02	0.02	0.05	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		383.99	9.08	156.10	7.89	-2.30	-2.86	-1.92	0.00	-0.04	-0.03	-0.18	0.01	-0.04	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	135.12	158.43	-39.63	33.25	-0.17	14.61	0.03	0.04	-0.02	-0.02	0.07	-0.05	0.06	0.00	0.09
MRBLD1CB42P75_COS		258.34	-2004.37	517.30	-134.94	21.20	-101.13	-126.19	29.36	10.62	-40.37	17.85	-25.54	8.14	-0.76	-16.67	12.92
MRBLD1CB42P75_SIN		0.00	1948.67	59.04	162.71	121.88	-63.28	-7.01	-116.26	37.77	19.68	-120.48	-28.36	8.82	6.61	7.52	28.44

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4952.64	-1515.71	320.42	-101.20	185.69	-197.84	-182.58	13.28	9.49	-27.80	-41.56	-18.51	9.20	1.79	-14.94	27.29
MRBLD1CB70_SIN		0.00	1486.60	-106.43	265.77	150.97	-163.72	5.45	-67.51	22.07	33.12	-65.26	-23.90	2.39	2.17	1.93	30.87
MRBLD1CB120_COS		-74.49	-860.55	273.53	67.21	198.97	-199.68	-152.46	18.43	-3.02	15.18	1.63	6.74	-0.90	7.20	4.94	-1.71
MRBLD1CB120_SIN		0.00	1016.48	-92.97	182.36	237.81	-196.01	-16.55	-68.78	-34.47	-34.18	67.59	20.76	-0.84	4.61	-4.01	4.33
MRBLD1CB164_COS		-1986.43	-299.62	42.09	125.68	55.56	-101.21	-47.37	1.13	-15.81	19.24	39.95	6.32	-9.43	0.44	7.47	-16.45
MRBLD1CB164_SIN		0.00	370.30	-63.74	75.92	117.97	-102.90	-19.19	11.72	-50.41	-44.96	68.38	27.46	1.51	-0.24	5.83	-20.37
MRBLD1FB42P75_COS		2514.09	455.52	312.11	956.81	-202.48	-21.24	-121.24	-122.89	-89.75	-133.17	71.36	-18.67	2.87	13.19	-6.96	52.76
MRBLD1FB42P75_SIN		0.00	-457.87	573.20	78.98	540.12	209.76	47.16	-412.55	31.26	-57.54	-196.67	9.39	-3.63	-4.38	2.60	3.45
MRBLD1FB70_COS		700.24	102.29	86.28	298.12	-63.87	-11.42	-30.04	-10.40	-1.79	-3.80	-1.34	2.25	0.33	-1.17	2.15	-10.65
MRBLD1FB70_SIN		0.00	-269.40	215.48	2.11	144.82	34.00	9.13	-67.32	10.14	6.53	1.30	2.45	2.69	1.11	-0.13	-1.04
MRBLD1FB87_COS		97.42	114.63	-1.19	175.76	-41.65	-13.54	-1.61	8.72	14.43	26.87	-12.77	9.07	1.09	-1.50	2.58	-9.89
MRBLD1FB87_SIN		0.00	-331.89	139.58	-3.30	66.86	4.33	-5.04	34.88	-7.16	11.95	46.33	-1.00	2.64	2.59	1.30	2.02
MRBLD1FB120_COS		-303.21	120.95	-108.51	206.01	-1.61	-32.50	14.89	14.22	-6.87	-4.24	-1.05	-13.17	-5.04	-0.25	-4.21	15.05
MRBLD1FB120_SIN		0.00	-480.89	121.85	67.53	40.70	1.94	-8.49	105.41	-8.61	-8.63	-15.81	-3.19	-7.54	-6.64	-3.39	-3.60
MRBLD1FB164_COS		128.64	161.85	118.98	75.66	173.42	53.81	21.52	-1.75	3.63	5.17	-8.85	15.60	4.51	-6.76	-2.79	-6.71
MRBLD1FB164_SIN		0.00	-679.90	406.05	203.44	-86.67	-41.69	-13.37	-151.27	15.66	16.71	27.10	-0.91	6.68	5.96	-1.67	0.52

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		50.61	-6.73	165.66	-37.32	109.56	61.98	11.19	-14.73	0.59	42.64	-21.79	1.11	-18.04	-5.20	-5.00	19.42
MRBLD1FB180_SIN		0.00	-492.80	317.85	152.83	-88.11	-27.59	3.34	-131.23	3.27	22.80	100.40	-0.63	-14.67	-9.83	-6.52	-2.92
MRBLD1TOR51_COS		-1464.86	274.75	172.22	-78.11	36.42	-12.21	31.95	-24.42	-17.88	5.95	-7.08	-3.52	-3.95	1.91	1.02	2.29
MRBLD1TOR51_SIN		0.00	-198.55	419.44	66.15	-35.61	22.05	-33.21	-67.24	-1.84	-1.83	9.32	3.85	-8.92	-5.14	-2.65	5.79
MRBLD1TOR71_COS		-328.54	295.41	128.46	-97.91	43.91	-0.13	42.07	-26.09	-11.97	10.58	-11.53	-1.83	-3.23	2.14	1.22	0.77
MRBLD1TOR71_SIN		0.00	-197.93	371.64	32.04	-58.63	19.93	-27.85	-41.37	-0.79	2.13	15.12	4.63	-7.58	-3.57	-0.56	4.22
MRBLD1TOR130_COS		-71.21	273.51	130.61	-134.84	51.56	7.26	32.25	-13.67	-7.83	3.00	11.28	-1.21	-1.30	0.38	-1.26	-1.70
MRBLD1TOR130_SIN		0.00	-155.87	298.62	36.15	-74.42	12.99	-22.00	-44.31	3.58	-7.80	-0.34	3.40	1.38	2.58	3.66	-0.36
MRBLD1TOR164_COS		-303.46	164.87	78.87	-115.71	1.23	0.51	8.68	-10.88	0.80	5.76	-6.76	1.06	0.83	-0.83	-2.47	2.26
MRBLD1TOR164_SIN		0.00	-46.30	150.43	-10.04	-42.45	13.37	-11.98	-17.70	2.52	4.21	3.32	-3.27	1.67	1.76	-0.30	-1.14
MRFBM1CB26P5_COS		112.18	-1321.21	276.28	-132.59	-23.31	17.08	18.43	5.24	0.59	-2.64	23.96	0.35	-0.44	0.16	0.79	-2.56
MRFBM1CB26P5_SIN		0.00	848.36	173.93	-82.01	-6.23	12.48	-8.00	-16.66	1.94	-7.58	-12.82	0.84	0.29	0.36	-0.21	0.63
MRFBM1FB9_COS		1131.67	-87.43	-302.41	-199.39	47.00	22.27	9.89	-11.24	4.14	2.83	-5.51	0.76	0.02	0.10	0.06	-0.15
MRFBM1FB9_SIN		0.00	-48.17	-324.30	-128.71	-56.55	-10.32	10.83	20.71	2.20	4.03	1.95	1.64	-0.02	-0.20	0.41	-2.25
MRFBM1TOR26P5_COS		-49.69	86.55	4.74	-1.16	0.76	-0.10	0.78	-0.15	-0.18	-0.07	-0.16	0.05	0.00	-0.02	0.06	0.02
MRFBM1TOR26P5_SIN		0.00	-301.96	5.10	0.38	-1.09	0.26	-0.80	-0.35	-0.11	0.14	0.13	0.03	-0.03	-0.11	-0.10	-0.07

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		727.91	-1430.43	468.62	-125.00	-45.27	-39.40	-86.15	10.87	19.70	-21.58	30.76	-15.94	8.29	1.90	-10.31	8.28
MRPC1CB33P25_SIN		0.00	1629.24	30.11	91.97	122.30	-9.43	-9.31	-106.39	25.31	-12.21	-94.05	-9.28	4.90	7.26	4.05	25.74
MRPC1FB33P25_COS		1923.42	381.36	103.41	805.45	-272.03	-75.22	-122.36	66.60	-74.17	-64.55	169.93	-16.31	8.02	9.57	-6.40	27.77
MRPC1FB33P25_SIN		0.00	-190.19	484.75	231.74	409.65	157.22	0.58	-389.30	-22.73	-115.56	-105.48	-7.06	-0.35	9.29	-2.97	52.23
MRPC1TOR25P5_COS		-268.67	-204.21	-208.45	128.75	-50.57	18.21	-38.04	29.23	20.89	-2.06	21.50	4.67	5.50	-1.89	-4.47	-1.11
MRPC1TOR25P5_SIN		0.00	-90.84	-433.65	-61.93	53.65	-26.41	42.75	60.62	1.54	-4.31	-17.82	-3.15	13.48	10.12	8.09	1.13
MRPLK1LOAD_COS		14.67	-30.74	-28.53	15.08	-8.42	3.98	-6.57	4.07	3.92	0.59	3.27	0.17	0.47	-0.07	-0.81	-0.33
MRPLK1LOAD_SIN		0.00	-5.49	-58.62	-11.53	7.45	-4.16	5.55	8.92	0.81	-0.18	-2.06	-1.32	1.60	1.79	1.52	0.65
PITCHRH_COS		9529.10	-9280.54	-97.35	182.90	16.57	-392.85	159.92	-77.72	-13.14	101.29	-65.41	-6.12	85.22	-27.91	-3.09	-105.04
PITCHRH_SIN		0.00	740.80	-493.77	-119.96	-124.58	2066.94	313.28	46.73	112.32	-41.57	-345.08	18.11	-57.94	11.18	24.35	185.25
ROLLRH_COS		3505.23	-958.13	673.33	-30.97	78.15	-3128.91	-128.36	44.71	-192.69	45.26	90.92	-25.69	59.21	-22.23	73.95	88.38
ROLLRH_SIN		0.00	-9283.42	-17.28	212.01	-109.81	221.74	14.90	-117.80	118.16	-30.59	-33.39	-56.29	-1.45	-10.96	-21.68	38.17
TORQ_COS		128194.97	323.13	10.16	166.89	-63.43	-19.37	7.06	1.66	-11.07	-3.70	-66.77	-2.72	3.14	-1.22	-4.22	9.14
TORQ_SIN		0.00	1235.73	-67.01	225.54	-49.23	-121.49	13.16	75.20	-13.94	-3.78	71.36	3.40	-8.95	4.75	-5.09	-3.66
THRUST_COS		6903.63	-97.09	9.78	35.24	6.17	36.16	10.80	27.52	1.06	-4.72	-38.05	-4.67	-7.55	-0.11	-3.63	-32.31
THRUST_SIN		0.00	-266.73	38.09	-11.34	14.90	-105.30	9.70	18.38	-1.90	-1.97	65.35	0.12	-2.83	3.25	2.81	-18.60

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.06	43.02	-16.40	7.12	27.23	188.51	15.53	-2.75	0.81	-0.54	1.30	0.38	-2.03	0.69	-2.14	-1.52
SIDERH_SIN		0.00	236.17	-10.22	3.73	30.08	-116.00	-13.48	3.79	-4.58	2.87	-4.60	2.04	0.03	0.34	0.66	-1.40
DRAGRH_COS		-95.90	245.21	-3.85	-4.69	2.33	-140.40	-49.33	-0.04	1.64	-7.29	-9.33	1.10	-1.94	1.80	-0.35	4.70
DRAGRH_SIN		0.00	-44.31	22.41	0.15	-5.57	85.39	-16.18	1.45	-5.45	4.63	12.67	-0.20	5.95	-0.46	0.10	-9.46

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.30	-0.01	0.00	0.00	0.00	-0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	-0.01	-0.69	0.01	0.00	0.00	-0.01	0.02	0.00	0.00	0.00	0.01	-0.01	0.01	-0.01	0.01
ACT1DISP_COS		2.64	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.54	-1.37	-12.71	1.35	-0.72	-0.70	2.17	-0.65	-0.44	-0.14	-0.10	0.18	-0.04	0.04	-0.21	-0.09
ACT1FORCE_SIN		0.00	21.63	-10.17	-4.69	3.97	-0.34	1.28	0.89	-0.10	-0.27	-0.31	0.36	-0.08	0.21	-0.44	0.10
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		416.36	-6.21	-206.36	0.43	-4.14	3.73	-24.37	0.05	0.06	-0.01	-0.04	-0.05	0.07	-0.03	0.04	-0.05
FA1IBVOLTAGE_SIN		0.00	-131.84	-17.22	43.35	-25.39	-0.01	-8.88	0.02	-0.15	-0.05	-0.12	0.05	-0.05	-0.02	-0.09	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		389.35	6.09	206.73	-0.16	4.35	-3.91	24.48	0.04	0.01	-0.02	0.06	0.06	-0.06	0.02	-0.04	0.05
FA1OBVOLTAGE_SIN		0.00	132.00	17.34	-43.34	25.06	-0.02	8.93	0.01	0.03	0.03	0.13	-0.06	0.03	0.03	0.08	0.00
MRBLD1CB42P75_COS		303.21	-1952.59	567.46	-110.35	-20.82	-100.22	-135.59	43.31	5.76	-52.39	4.79	-55.21	1.86	-0.35	-11.16	13.30
MRBLD1CB42P75_SIN		0.00	2467.12	73.98	174.17	119.77	-90.02	-6.96	-109.71	53.32	32.08	-132.90	-15.11	0.37	7.72	17.43	22.94

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4969.73	-1509.14	355.03	-97.37	86.53	-218.63	-192.48	29.87	6.19	-32.61	-46.94	-42.66	1.75	0.22	-10.04	27.77
MRBLD1CB70_SIN		0.00	1822.45	-58.20	215.91	205.19	-163.86	59.62	-68.97	33.58	42.46	-65.59	-14.07	-2.37	3.52	9.24	26.74
MRBLD1CB120_COS		-83.53	-860.94	308.32	43.46	109.95	-235.23	-172.83	44.74	4.08	17.10	-0.31	16.49	-1.53	6.53	4.37	-0.45
MRBLD1CB120_SIN		0.00	1133.50	-53.84	123.14	307.83	-163.04	69.83	-78.24	-25.50	-45.37	70.52	15.11	2.51	1.79	-5.32	3.84
MRBLD1CB164_COS		-1994.16	-303.23	35.38	92.66	23.99	-125.07	-65.49	10.46	-11.15	23.30	38.98	21.39	-4.95	1.98	4.15	-16.87
MRBLD1CB164_SIN		0.00	391.21	-35.30	41.04	147.17	-82.56	20.45	6.05	-48.44	-59.00	63.72	23.70	6.65	-1.01	0.66	-18.77
MRBLD1FB42P75_COS		2499.54	423.08	363.11	743.38	-162.21	-3.51	-130.66	-75.74	-65.30	-153.46	36.58	-27.64	-6.65	13.75	8.45	42.98
MRBLD1FB42P75_SIN		0.00	-567.90	488.68	94.31	492.93	198.95	22.70	-442.65	58.70	-41.32	-207.47	27.25	-8.97	-7.12	8.46	-3.04
MRBLD1FB70_COS		703.51	95.21	95.95	226.72	-53.33	-9.33	-33.69	-2.61	1.17	-4.86	-1.99	2.07	1.31	-1.56	-0.51	-8.01
MRBLD1FB70_SIN		0.00	-260.80	190.38	-2.58	136.97	33.59	7.17	-72.25	13.61	9.02	1.95	1.93	2.41	1.31	-1.88	-0.11
MRBLD1FB87_COS		101.51	109.99	-5.75	130.27	-32.41	-13.58	-2.44	3.93	11.32	30.36	-5.19	11.25	3.37	-2.31	-1.64	-8.90
MRBLD1FB87_SIN		0.00	-323.50	127.53	-14.19	64.29	6.69	-1.22	37.76	-10.20	9.76	49.85	-6.13	4.47	3.64	0.27	3.24
MRBLD1FB120_COS		-295.54	116.23	-123.21	145.52	8.05	-35.18	15.49	3.23	-10.50	-3.85	-1.85	-14.49	-6.66	1.28	1.42	13.07
MRBLD1FB120_SIN		0.00	-464.48	117.40	45.65	35.91	5.32	-6.58	109.40	-13.94	-13.10	-18.77	0.18	-9.42	-8.25	-1.87	-6.03
MRBLD1FB164_COS		143.52	125.68	164.95	49.42	153.22	54.77	22.33	14.54	5.66	3.66	-5.33	16.62	7.30	-6.36	-7.23	-6.90
MRBLD1FB164_SIN		0.00	-676.43	308.56	218.22	-82.97	-37.50	-18.29	-153.87	23.96	20.63	30.67	-6.09	7.30	7.80	-1.64	0.50

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		61.93	-35.87	210.17	-35.93	95.73	67.31	7.84	-1.11	0.90	44.54	-6.34	7.03	-17.10	-4.31	0.97	17.42
MRBLD1FB180_SIN		0.00	-495.49	235.99	168.40	-86.88	-22.57	3.51	-135.62	10.18	23.50	105.69	-9.12	-11.53	-10.68	-2.59	-5.92
MRBLD1TOR51_COS		-1472.38	241.31	278.81	-76.69	7.80	-4.57	32.16	-19.45	-18.12	5.23	-6.94	-1.44	-6.16	1.45	-0.03	3.85
MRBLD1TOR51_SIN		0.00	-224.81	342.33	129.00	-44.47	20.90	-39.36	-68.48	2.72	-1.85	15.90	4.53	-6.47	-5.64	-1.22	5.38
MRBLD1TOR71_COS		-335.06	263.00	225.63	-88.66	17.88	6.57	43.37	-24.39	-11.80	11.13	-11.48	1.37	-5.31	1.66	0.18	2.18
MRBLD1TOR71_SIN		0.00	-230.18	299.16	93.15	-65.98	19.05	-33.15	-42.91	1.32	1.45	22.27	3.40	-4.19	-3.73	-0.12	3.83
MRBLD1TOR130_COS		-76.54	240.67	222.76	-111.96	25.73	12.76	33.73	-10.87	-6.28	1.15	8.30	-1.63	-1.91	0.18	-0.80	-1.84
MRBLD1TOR130_SIN		0.00	-189.38	226.33	96.49	-77.58	10.41	-26.05	-46.54	6.85	-8.24	0.26	1.56	3.04	3.02	2.71	-0.77
MRBLD1TOR164_COS		-309.94	145.39	139.37	-91.13	-9.88	2.44	8.20	-10.45	2.67	6.80	-7.62	0.08	1.53	-0.82	-1.55	1.37
MRBLD1TOR164_SIN		0.00	-71.74	108.81	29.27	-40.79	11.46	-14.01	-20.17	2.64	4.45	4.69	-5.93	1.91	2.70	0.46	-2.57
MRFBM1CB26P5_COS		139.32	-1395.81	295.87	-109.26	-16.90	30.24	19.96	4.33	-0.42	-4.53	21.73	0.50	0.23	0.77	0.74	-2.45
MRFBM1CB26P5_SIN		0.00	1204.87	183.33	-50.28	-35.02	2.23	-21.88	-14.09	2.97	-7.26	-16.48	0.76	-0.41	0.40	0.72	-0.04
MRFBM1FB9_COS		1143.96	-137.03	-334.57	-147.20	43.58	21.13	12.25	-14.35	4.73	4.03	-5.37	1.87	-0.27	0.08	0.30	-0.31
MRFBM1FB9_SIN		0.00	-281.30	-278.13	-112.09	-51.67	-10.45	13.02	20.25	0.52	4.05	3.07	1.51	0.48	-0.36	-0.05	-1.79
MRFBM1TOR26P5_COS		-46.80	79.89	5.28	-1.16	0.21	-0.03	0.75	-0.07	-0.28	-0.06	0.04	0.11	0.03	-0.01	0.06	0.02
MRFBM1TOR26P5_SIN		0.00	-297.21	4.15	1.11	-1.39	0.35	-1.04	-0.23	-0.11	0.15	0.14	0.17	-0.10	-0.15	-0.09	-0.03

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		768.44	-1304.64	511.59	-82.05	-34.96	-37.03	-97.76	22.29	22.08	-31.24	14.32	-32.66	2.58	2.42	-4.95	8.65
MRPC1CB33P25_SIN		0.00	2014.10	15.93	133.53	95.10	-35.30	-21.26	-98.87	38.40	-8.26	-105.35	-0.45	-1.77	6.71	12.72	20.88
MRPC1FB33P25_COS		1912.37	362.51	156.43	627.89	-228.63	-59.10	-122.41	115.52	-66.83	-87.72	150.87	-34.92	4.85	13.11	-3.49	26.61
MRPC1FB33P25_SIN		0.00	-284.86	426.12	207.79	380.74	153.29	-23.24	-393.09	9.27	-114.11	-134.17	0.65	-9.90	9.98	14.52	39.88
MRPC1TOR25P5_COS		-254.91	-177.08	-320.39	121.34	-19.66	9.69	-38.69	25.81	21.87	-2.22	16.65	-0.63	6.84	-1.41	-2.39	-3.37
MRPC1TOR25P5_SIN		0.00	-47.09	-351.83	-131.81	63.55	-26.74	49.01	61.35	-2.46	-3.97	-26.18	-5.80	11.97	11.59	7.87	-0.57
MRPLK1LOAD_COS		16.61	-27.73	-43.64	14.23	-3.74	2.92	-6.95	3.32	4.33	0.78	2.09	-0.81	0.49	0.05	-0.56	-0.49
MRPLK1LOAD_SIN		0.00	0.46	-47.77	-20.65	9.21	-4.43	6.27	9.07	0.45	-0.29	-3.23	-2.22	1.93	2.31	1.34	0.19
PITCHRH_COS		10115.97	-9328.91	-10.74	123.21	26.87	-94.01	276.14	-66.73	137.81	63.47	-70.29	-38.17	-13.59	-14.57	-21.30	-180.81
PITCHRH_SIN		0.00	750.23	-609.63	-116.45	-131.65	1227.70	259.40	113.32	149.49	-173.36	-249.78	56.77	-61.75	93.89	39.96	161.24
ROLLRH_COS		7886.01	-920.05	730.33	-16.56	-6.12	-2994.49	-83.08	69.35	-256.72	99.77	83.67	-55.70	32.31	-29.91	69.97	-16.54
ROLLRH_SIN		0.00	-9317.54	-4.08	215.30	-94.68	898.45	-43.23	-121.42	129.81	-11.69	7.81	-16.41	-54.84	-0.44	-42.97	27.74
TORQ_COS		129081.98	396.62	-1.44	219.58	-37.43	-83.90	10.57	13.85	-11.38	1.02	-50.78	-2.68	3.61	-0.59	-4.76	8.96
TORQ_SIN		0.00	1213.26	-76.38	196.43	-39.19	-31.99	11.25	51.15	-10.52	-1.69	83.84	4.59	-8.38	5.80	-4.97	-2.94
THRUST_COS		6919.91	-100.02	18.94	34.70	3.90	20.99	4.87	23.71	2.87	-8.18	-23.91	-3.24	-5.01	2.59	-1.83	-25.69
THRUST_SIN		0.00	-259.58	32.68	-16.39	18.19	-105.47	7.38	6.87	0.24	0.72	72.17	1.63	-2.86	1.28	6.50	-13.67

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-140.00	42.87	-17.66	5.99	41.29	148.34	12.18	-3.02	1.36	-2.87	1.71	1.02	-0.74	0.48	-2.04	0.94
SIDERH_SIN		0.00	239.94	-9.95	0.49	20.51	-186.69	-12.28	3.94	-4.06	1.73	-7.73	1.66	1.89	0.28	1.52	-1.55
DRAGRH_COS		-88.28	247.69	-1.60	-2.68	0.11	-20.43	-54.28	-1.14	-3.23	-3.33	-8.33	2.91	1.03	0.61	0.46	8.22
DRAGRH_SIN		0.00	-45.57	23.93	0.87	-7.30	211.51	-14.71	1.09	-6.98	10.79	7.12	-1.77	2.48	-4.94	-0.55	-8.72

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.48	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	0.04	0.01	0.00	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-0.03	-0.01	-0.01	0.00	0.02	0.00
ACT1DISP_COS		2.64	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.84	-1.28	-16.85	0.18	-0.29	-1.45	2.29	-0.40	-0.58	-0.05	1.12	0.42	0.04	0.12	-0.28	0.13
ACT1FORCE_SIN		0.00	21.12	-7.88	-5.53	3.60	-0.26	-1.01	1.22	0.04	-0.15	-0.12	-0.13	-0.05	0.06	0.76	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		413.84	1.53	-183.14	6.70	-4.84	7.22	-20.49	0.07	-0.14	-0.04	0.11	0.06	0.02	-0.02	-0.09	0.03
FA1IBVOLTAGE_SIN		0.00	-127.64	128.46	43.70	-17.98	0.36	17.57	0.06	-0.05	0.01	0.15	0.09	0.02	0.01	0.02	0.05
FA1OBCURRENT_COS		0.02	0.02	-0.02	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		391.89	-1.61	183.34	-6.48	4.68	-7.43	20.52	0.01	0.02	0.01	-0.09	-0.06	-0.04	0.03	0.08	-0.03
FA1OBVOLTAGE_SIN		0.00	127.84	-128.72	-43.87	17.64	-0.21	-17.66	-0.09	0.01	0.01	-0.15	-0.10	-0.01	0.00	-0.03	-0.05
MRBLD1CB42P75_COS		366.50	-2378.37	575.95	-158.40	-126.83	-73.34	-113.47	22.58	21.70	-33.81	-12.72	-40.10	-6.65	2.57	-1.14	4.67
MRBLD1CB42P75_SIN		0.00	1736.09	119.29	133.45	150.32	-130.43	8.36	-105.43	51.10	35.86	-147.45	24.08	3.36	5.57	7.18	16.82

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5021.33	-1788.25	384.78	-182.17	-67.80	-183.83	-140.36	13.03	18.32	-12.51	-58.53	-26.16	-4.91	4.32	-0.80	14.14
MRBLD1CB70_SIN		0.00	1324.49	11.89	140.22	314.40	-172.96	116.47	-77.95	36.86	43.37	-80.36	13.76	1.96	1.96	0.10	16.50
MRBLD1CB120_COS		-63.22	-980.65	343.31	-61.56	-8.79	-206.64	-132.09	35.87	10.62	10.79	14.24	14.86	0.65	5.24	4.69	-0.72
MRBLD1CB120_SIN		0.00	918.87	-0.43	69.19	416.76	-138.55	146.47	-101.77	-31.87	-45.64	71.80	-2.14	2.69	-0.01	-1.25	1.65
MRBLD1CB164_COS		-1990.39	-329.93	36.32	26.43	-14.89	-115.52	-59.06	16.67	-9.86	9.71	51.29	13.50	0.99	-1.29	-3.26	-11.09
MRBLD1CB164_SIN		0.00	335.85	0.81	19.65	190.38	-58.51	56.03	-6.05	-52.30	-62.88	68.43	4.01	4.55	-0.81	5.28	-10.37
MRBLD1FB42P75_COS		2502.76	529.26	350.82	512.62	-106.46	-8.20	-141.20	-135.97	-52.12	-146.73	30.89	-16.87	-12.53	9.87	16.07	30.26
MRBLD1FB42P75_SIN		0.00	-446.34	398.46	249.59	403.11	202.47	26.15	-416.11	22.71	-34.66	-218.86	39.85	-5.42	-9.85	-15.88	-3.00
MRBLD1FB70_COS		702.04	89.62	96.87	138.70	-40.92	-8.39	-32.44	-12.77	2.67	-3.18	-3.27	2.41	1.89	-0.77	-2.36	-5.70
MRBLD1FB70_SIN		0.00	-270.74	161.41	37.30	117.90	32.43	10.12	-66.87	9.87	8.03	1.38	1.58	2.60	2.23	2.56	-0.63
MRBLD1FB87_COS		99.01	108.77	-7.84	73.85	-23.49	-12.81	-1.86	9.65	9.22	28.38	-2.68	6.87	4.90	-1.41	-2.80	-5.72
MRBLD1FB87_SIN		0.00	-321.47	110.25	3.72	54.16	6.99	-0.88	35.32	-5.56	7.51	51.79	-10.57	2.73	3.96	5.21	2.63
MRBLD1FB120_COS		-292.92	118.43	-130.23	74.36	14.02	-30.46	13.88	17.22	-11.45	-4.14	-1.22	-12.06	-7.45	0.55	3.10	8.95
MRBLD1FB120_SIN		0.00	-446.51	103.47	51.81	26.15	9.79	-7.58	103.25	-7.50	-10.49	-17.48	3.25	-7.53	-8.81	-8.74	-4.61
MRBLD1FB164_COS		158.64	89.53	176.43	22.61	107.58	48.22	18.39	-7.70	6.35	6.33	-3.28	11.89	8.00	-3.52	-7.60	-5.84
MRBLD1FB164_SIN		0.00	-632.23	175.03	251.24	-60.33	-40.32	-21.27	-147.04	13.91	16.95	31.55	-9.47	4.08	6.94	3.77	-0.56

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		72.77	-65.32	220.54	-28.19	68.17	60.91	5.66	-18.50	4.73	40.79	-0.97	3.56	-15.35	-5.34	5.06	11.65
MRBLD1FB180_SIN		0.00	-464.92	124.57	184.12	-67.51	-23.29	0.45	-135.08	6.14	17.86	103.93	-19.50	-11.21	-12.70	-10.14	-4.32
MRBLD1TOR51_COS		-1470.84	184.43	335.25	-56.55	-22.33	0.01	12.37	-24.50	-13.75	2.06	-5.81	2.07	-4.55	2.74	3.86	3.33
MRBLD1TOR51_SIN		0.00	-241.31	224.93	190.92	-41.06	16.32	-36.65	-62.39	0.72	-3.54	10.83	0.70	-6.07	-5.70	1.05	0.75
MRBLD1TOR71_COS		-336.19	216.57	277.30	-58.10	-8.26	9.83	24.35	-25.57	-9.18	7.12	-10.36	5.11	-3.31	2.55	2.09	1.28
MRBLD1TOR71_SIN		0.00	-236.97	188.43	149.53	-60.60	15.24	-31.91	-36.92	-0.18	-0.81	19.02	-1.07	-3.57	-4.75	2.41	1.26
MRBLD1TOR130_COS		-78.28	194.26	272.05	-66.15	-1.01	14.57	18.88	-14.25	-3.11	-1.53	7.17	0.80	-1.67	-0.09	-2.39	-3.11
MRBLD1TOR130_SIN		0.00	-199.02	118.18	145.11	-65.93	5.07	-23.82	-42.01	3.43	-8.46	-1.63	2.63	2.94	0.66	2.43	1.31
MRBLD1TOR164_COS		-313.22	113.94	171.46	-49.02	-18.49	3.75	2.07	-10.79	2.47	6.62	-7.95	0.50	1.22	-0.88	-1.84	-0.70
MRBLD1TOR164_SIN		0.00	-85.94	44.35	55.87	-32.51	8.05	-11.27	-16.08	1.11	1.80	6.71	-4.67	0.85	0.92	-2.34	0.18
MRFBM1CB26P5_COS		234.32	-1562.26	310.12	-71.10	-20.32	34.68	12.76	2.79	-0.14	-5.61	21.00	-0.99	0.36	0.19	1.55	-1.40
MRFBM1CB26P5_SIN		0.00	691.10	183.80	-23.89	-70.79	-7.99	-31.37	-10.98	2.45	-6.44	-15.98	1.49	-1.36	-0.12	0.83	0.47
MRFBM1FB9_COS		1155.22	41.97	-363.63	-76.36	39.34	21.49	15.54	-10.13	2.95	3.56	-5.70	2.12	0.10	-0.07	-0.59	-0.30
MRFBM1FB9_SIN		0.00	6.31	-227.21	-128.38	-45.76	-9.79	11.56	21.71	0.71	3.66	4.09	0.64	0.79	-0.23	-0.27	-1.31
MRFBM1TOR26P5_COS		-43.78	103.97	6.36	-1.03	-0.32	-0.09	0.62	-0.14	-0.32	0.00	0.10	-0.02	0.03	-0.01	0.10	0.10
MRFBM1TOR26P5_SIN		0.00	-299.37	3.71	1.36	-1.73	0.33	-1.08	-0.20	0.00	0.18	0.07	0.06	-0.10	-0.02	-0.08	-0.08

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		782.51	-1691.93	489.92	-103.20	-85.50	-26.70	-97.56	10.21	35.00	-23.36	6.67	-20.45	-4.10	4.44	2.67	2.43
MRPC1CB33P25_SIN		0.00	1499.55	48.42	106.75	84.98	-75.27	-22.35	-89.46	26.55	-2.82	-110.67	23.42	0.41	3.46	3.83	14.03
MRPC1FB33P25_COS		1909.57	440.19	149.63	408.08	-164.87	-65.44	-127.28	58.17	-42.30	-85.58	152.40	-34.43	-1.73	13.39	21.38	18.65
MRPC1FB33P25_SIN		0.00	-174.48	358.36	292.45	319.27	154.68	-22.83	-396.70	-13.42	-104.81	-145.76	18.81	-13.07	3.46	5.10	28.56
MRPC1TOR25P5_COS		-251.02	-86.32	-378.85	91.09	12.32	4.95	-17.18	29.42	19.17	1.15	14.41	-0.93	4.55	-3.08	-6.83	-5.96
MRPC1TOR25P5_SIN		0.00	-45.85	-226.95	-199.85	61.90	-21.94	45.64	53.71	-1.93	-2.17	-20.27	2.42	11.62	7.88	3.81	5.69
MRPLK1LOAD_COS		17.02	-15.33	-50.52	10.38	0.25	2.29	-3.97	4.22	3.87	0.65	1.65	-0.01	0.34	-0.26	-1.52	-1.32
MRPLK1LOAD_SIN		0.00	-0.52	-30.85	-30.41	8.94	-3.18	6.04	7.64	0.06	-0.07	-2.02	-0.81	1.71	1.07	0.92	1.33
PITCHRH_COS		6873.06	-9314.76	100.53	26.08	-33.59	-29.47	266.72	-152.96	279.18	35.02	12.56	-52.99	-58.54	77.47	-74.52	-138.86
PITCHRH_SIN		0.00	818.27	-800.56	-162.63	-99.87	456.41	165.98	81.71	123.00	-173.12	-279.06	98.13	-66.72	60.48	31.27	138.74
ROLLRH_COS		2832.60	-928.61	940.12	-14.97	33.54	-2359.98	-102.82	71.47	-173.06	103.69	205.81	-46.46	-55.02	-102.11	49.51	83.87
ROLLRH_SIN		0.00	-9368.79	50.63	97.44	-58.33	1406.32	-115.37	-96.06	-18.60	-80.27	76.27	-12.94	-91.85	18.28	14.47	29.13
TORQ_COS		130581.81	259.69	14.18	231.66	20.27	-114.82	4.19	12.27	-8.26	2.52	-43.28	0.51	0.65	-0.21	-6.18	6.30
TORQ_SIN		0.00	1239.33	-95.81	118.79	-31.89	58.54	7.57	29.87	-4.70	-5.00	74.33	0.42	-7.27	7.08	-4.93	-2.65
THRUST_COS		6932.42	-88.13	23.29	32.14	0.01	12.96	7.78	18.36	-2.21	-4.17	-29.94	-6.77	2.72	6.61	-9.07	-19.96
THRUST_SIN		0.00	-262.88	20.35	-21.70	15.29	-98.93	6.02	2.70	-2.31	-4.92	78.40	-1.89	2.26	-6.16	6.84	-10.98

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-192.30	41.49	-21.75	0.03	46.60	67.78	13.00	-1.70	0.46	-3.86	-4.20	1.52	1.86	2.43	-1.80	-1.93
SIDERH_SIN		0.00	238.02	-12.60	1.63	10.47	-214.41	-10.92	4.68	0.34	3.25	-8.85	1.70	2.05	0.10	-0.39	-1.02
DRAGRH_COS		-129.35	246.05	0.82	-2.58	0.94	140.69	-54.00	-1.03	-4.54	-0.55	-9.62	3.12	1.26	-2.44	2.81	5.21
DRAGRH_SIN		0.00	-44.40	24.44	2.97	-7.60	266.45	-5.62	-2.18	-4.60	16.04	8.25	-4.00	1.89	-2.50	-1.51	-7.57

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.01	-1.27	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	-0.04	0.00	-0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.04	0.02	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.11	-0.56	-21.00	-0.64	1.54	-1.73	-0.21	0.17	-0.53	-0.05	-0.40	-0.01	0.09	-0.02	-0.09	-0.40
ACT1FORCE_SIN		0.00	21.91	-4.56	-6.79	3.52	0.86	-1.79	1.30	0.41	-0.07	-1.38	-0.10	-0.07	0.01	-0.13	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		417.29	-2.40	-76.28	9.30	-11.70	7.72	10.77	0.09	-0.02	-0.01	0.13	-0.03	0.06	-0.01	-0.01	-0.03
FA1IBVOLTAGE_SIN		0.00	-129.58	240.62	48.12	-13.73	-4.60	17.96	-0.01	0.01	0.11	-0.22	0.01	-0.05	0.00	0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		388.47	2.38	76.21	-9.22	11.42	-7.78	-10.85	-0.10	0.05	0.03	-0.15	0.04	-0.05	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	129.85	-240.96	-48.50	13.81	4.88	-18.01	-0.05	0.11	-0.09	0.21	-0.01	0.04	0.00	-0.01	0.01
MRBLD1CB42P75_COS		294.97	-2106.42	649.49	-154.12	-170.70	-72.62	-112.06	6.06	19.04	-28.52	-59.89	-11.93	-13.79	-3.18	-4.05	3.59
MRBLD1CB42P75_SIN		0.00	2085.99	151.90	123.11	178.51	-150.48	20.97	-119.26	41.49	56.39	-143.55	43.12	6.30	4.60	10.96	23.84

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4974.55	-1633.84	443.11	-198.38	-169.49	-175.98	-119.14	-14.58	16.55	-5.27	-81.32	-6.75	-8.34	-2.13	-1.48	15.48
MRBLD1CB70_SIN		0.00	1579.11	45.17	91.21	400.17	-147.46	163.80	-84.34	31.18	54.21	-54.94	24.43	3.32	2.55	4.56	25.03
MRBLD1CB120_COS		-70.87	-940.13	385.75	-94.57	-95.49	-190.31	-100.94	5.64	13.06	9.58	22.13	0.80	5.41	5.16	7.04	-1.09
MRBLD1CB120_SIN		0.00	1040.46	6.49	21.02	485.76	-67.20	223.88	-118.75	-32.33	-53.40	63.17	-12.70	5.28	2.22	-5.12	2.03
MRBLD1CB164_COS		-1989.79	-323.53	53.56	-1.72	-38.43	-113.99	-53.38	13.60	-11.71	3.99	57.83	-0.33	4.51	-0.80	-1.96	-12.71
MRBLD1CB164_SIN		0.00	367.25	24.43	-3.57	213.89	-11.24	95.80	-9.85	-48.77	-71.85	42.10	-1.49	8.62	-1.40	4.70	-14.91
MRBLD1FB42P75_COS		2513.80	451.54	375.23	313.33	-3.56	3.26	-108.37	-205.01	-53.51	-138.21	-83.65	6.65	-10.96	7.24	8.67	37.29
MRBLD1FB42P75_SIN		0.00	-511.49	347.04	298.18	275.68	170.80	37.55	-446.97	12.86	-16.00	-225.28	44.86	6.08	-8.97	-12.47	5.12
MRBLD1FB70_COS		695.96	92.37	107.39	66.60	-12.80	-6.50	-27.01	-24.84	2.50	-0.91	-3.28	2.38	2.20	-0.21	-0.09	-6.41
MRBLD1FB70_SIN		0.00	-276.85	156.57	43.63	87.49	25.80	13.96	-72.97	8.45	9.94	4.42	0.85	1.37	2.17	1.55	-2.58
MRBLD1FB87_COS		92.66	111.68	-3.74	27.08	-6.99	-13.02	-4.47	15.36	9.73	27.20	23.29	-0.06	4.84	-0.57	-1.62	-7.78
MRBLD1FB87_SIN		0.00	-332.54	115.64	2.03	41.46	8.68	0.30	37.92	-3.58	4.40	52.97	-10.98	0.29	4.18	4.61	1.59
MRBLD1FB120_COS		-300.59	130.06	-126.53	17.32	21.81	-28.15	6.91	33.87	-11.88	-7.91	-7.39	-8.05	-8.70	-0.14	1.16	11.45
MRBLD1FB120_SIN		0.00	-460.08	124.37	50.77	21.53	18.95	-9.33	112.31	-5.37	-13.02	-22.54	3.26	-6.00	-10.27	-7.63	-3.33
MRBLD1FB164_COS		156.79	67.99	169.11	11.36	48.92	53.00	30.92	-29.05	6.50	12.56	13.87	5.07	7.97	-1.77	-6.79	-8.90
MRBLD1FB164_SIN		0.00	-638.64	96.80	268.54	-24.73	-45.85	-31.63	-161.91	10.19	18.63	37.94	-10.92	0.78	7.34	4.26	-0.04

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		72.41	-88.34	205.61	-11.26	30.48	62.74	15.44	-36.80	4.73	41.70	51.04	-6.96	-14.46	-8.69	1.88	15.90
MRBLD1FB180_SIN		0.00	-462.09	46.91	189.02	-43.35	-26.55	-8.80	-149.62	6.31	15.20	104.94	-25.23	-11.27	-12.61	-10.98	-2.05
MRBLD1TOR51_COS		-1470.08	145.41	345.09	-28.85	-43.72	0.56	6.04	-27.00	-17.78	2.75	-7.25	2.16	-4.09	-0.88	4.35	2.04
MRBLD1TOR51_SIN		0.00	-230.02	115.91	216.18	-41.28	4.71	-24.38	-69.06	6.59	1.26	17.21	-3.81	-4.62	-7.13	0.01	4.76
MRBLD1TOR71_COS		-334.88	176.61	282.10	-23.00	-30.11	9.87	17.28	-25.34	-13.59	8.78	-7.38	3.28	-2.61	-0.06	2.84	0.47
MRBLD1TOR71_SIN		0.00	-232.41	85.56	173.27	-58.17	4.99	-22.66	-40.57	5.30	2.65	27.17	-6.67	-2.43	-5.01	-0.13	3.92
MRBLD1TOR130_COS		-76.66	153.71	270.62	-18.31	-26.43	14.60	13.15	-16.28	-4.95	1.47	3.10	0.79	-1.85	0.39	-2.38	-2.21
MRBLD1TOR130_SIN		0.00	-193.68	14.49	167.23	-57.15	-5.00	-16.61	-46.31	5.00	-3.83	-2.44	1.75	3.73	2.71	-0.16	0.13
MRBLD1TOR164_COS		-313.01	85.67	168.17	-8.78	-23.83	2.03	-1.52	-12.45	0.82	9.03	-1.65	-0.67	0.56	1.34	-3.20	0.60
MRBLD1TOR164_SIN		0.00	-81.23	-25.49	67.48	-27.69	1.58	-6.54	-16.78	0.75	1.58	10.45	-4.55	0.11	2.56	-2.74	-1.56
MRFBM1CB26P5_COS		138.59	-1436.39	331.33	-45.48	-23.20	36.31	7.69	6.91	0.66	-6.00	14.34	0.19	-0.27	0.93	1.07	-2.01
MRFBM1CB26P5_SIN		0.00	942.52	194.55	-4.89	-92.86	-24.71	-40.55	-11.73	2.27	-5.10	-25.60	2.71	-0.64	-0.41	-0.37	0.28
MRFBM1FB9_COS		1179.00	-140.12	-387.93	-22.24	25.74	18.64	17.02	-8.70	2.53	3.70	-3.80	1.92	0.55	-0.26	-0.42	-0.07
MRFBM1FB9_SIN		0.00	-123.45	-206.49	-124.04	-36.29	-8.61	8.52	25.55	0.74	2.37	6.97	-0.58	0.60	-0.33	-0.18	-1.63
MRFBM1TOR26P5_COS		-46.29	102.95	6.35	-1.03	-0.93	-0.22	0.75	-0.11	-0.26	-0.22	0.08	0.03	0.05	-0.05	0.10	0.08
MRFBM1TOR26P5_SIN		0.00	-289.52	2.97	1.79	-2.07	0.24	-1.12	-0.21	0.10	0.12	0.07	0.10	-0.12	-0.12	0.04	-0.06

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		767.40	-1438.21	558.63	-80.73	-73.96	-30.86	-101.10	0.29	32.86	-22.38	-32.48	1.40	-8.75	-0.69	1.46	1.89
MRPC1CB33P25_SIN		0.00	1739.00	64.00	121.41	74.38	-93.63	-16.17	-103.22	16.62	11.20	-116.83	32.63	3.30	2.61	6.09	20.06
MRPC1FB33P25_COS		1917.16	379.36	180.07	234.06	-52.84	-47.67	-104.12	16.94	-38.54	-88.30	72.29	-19.86	-9.79	11.76	13.62	14.60
MRPC1FB33P25_SIN		0.00	-229.49	322.16	299.13	239.61	133.10	-2.16	-447.14	-23.61	-86.77	-216.38	37.15	-3.63	1.76	1.80	39.42
MRPC1TOR25P5_COS		-259.64	-41.63	-388.30	55.93	38.16	5.06	-10.49	30.20	22.64	3.09	12.44	-0.74	3.10	1.61	-7.80	-4.76
MRPC1TOR25P5_SIN		0.00	-38.31	-110.02	-229.56	62.82	-9.91	32.69	58.74	-10.01	-5.77	-29.57	8.18	11.38	12.15	0.65	1.47
MRPLK1LOAD_COS		15.62	-9.42	-51.58	6.03	3.83	2.28	-3.58	4.51	4.27	1.50	1.52	-0.21	0.06	0.62	-1.56	-1.15
MRPLK1LOAD_SIN		0.00	0.91	-15.18	-34.71	9.28	-1.40	4.51	8.37	-1.22	-0.45	-3.00	-0.22	1.82	2.10	-0.32	0.62
PITCHRH_COS		9652.32	-9319.58	36.57	32.68	-103.90	298.83	290.64	-123.62	120.86	-25.25	7.42	-38.57	-57.03	95.52	-75.43	-183.30
PITCHRH_SIN		0.00	903.18	-984.55	-107.15	-65.08	-328.04	21.93	126.19	160.97	-175.87	-298.83	121.80	-3.60	67.43	22.60	159.50
ROLLRH_COS		5510.96	-933.14	1045.78	-106.26	-22.57	-1778.08	-88.74	20.82	-174.28	48.26	255.25	-52.30	-54.60	-82.71	33.03	-67.33
ROLLRH_SIN		0.00	-9395.37	-21.35	37.92	22.35	1866.84	-116.37	-186.55	135.55	-84.55	86.64	-1.02	-64.09	44.56	1.21	40.63
TORQ_COS		128932.81	284.34	-5.96	205.41	71.97	-107.16	2.92	-16.47	-3.85	1.25	-18.39	-5.87	0.40	0.03	-4.00	6.40
TORQ_SIN		0.00	1194.06	-96.27	78.81	-35.13	186.31	6.00	28.45	-2.93	-2.69	100.52	-1.68	-6.71	7.82	-2.54	-2.03
THRUST_COS		7006.78	-86.12	22.52	24.43	-4.67	-6.16	4.26	9.50	-3.57	4.55	-1.89	-8.63	1.83	9.54	-3.57	-16.27
THRUST_SIN		0.00	-258.45	5.56	-13.59	18.83	-85.73	7.90	5.31	-1.41	-6.45	106.98	-2.85	2.70	-1.55	-0.96	-12.19

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-176.97	45.00	-25.00	-0.06	54.91	-3.68	10.07	0.83	0.51	-2.40	-7.48	2.17	1.15	2.36	-1.32	2.34
SIDERH_SIN		0.00	236.63	-6.70	-1.36	-12.01	-251.76	-11.92	3.62	-2.51	3.32	-10.66	1.03	1.11	-0.97	0.03	-1.33
DRAGRH_COS		-87.94	242.98	7.18	2.08	1.33	291.96	-54.31	-6.93	-4.26	2.14	-12.68	2.98	0.93	-2.14	2.76	6.81
DRAGRH_SIN		0.00	-44.05	23.79	2.50	-4.64	320.26	8.85	-3.89	-6.55	16.73	9.44	-5.12	2.03	-2.61	-2.55	-8.73

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.71	0.00	0.00	0.00	0.01	0.00	-0.02	-0.01	0.02	0.00	-0.01	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.31	0.00	0.01	0.00	0.00	0.03	0.03	0.01	0.02	0.00	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.56	-0.22	-21.04	-2.18	1.77	-1.65	-0.97	0.23	-0.60	-0.18	0.18	-0.13	-0.14	-0.16	0.48	-0.10
ACT1FORCE_SIN		0.00	21.10	0.61	-5.98	2.08	1.51	0.17	0.57	0.47	0.08	0.66	-0.02	-0.03	0.15	0.37	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		417.50	-4.22	63.51	17.48	-9.28	7.70	10.82	-0.03	0.00	-0.01	-0.06	-0.05	0.02	-0.06	0.04	-0.03
FA1IBVOLTAGE_SIN		0.00	-121.82	281.50	43.99	-5.31	-7.26	-9.71	-0.10	-0.09	-0.01	0.15	0.06	-0.05	0.02	0.06	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		388.25	4.29	-63.90	-17.59	9.34	-7.56	-10.87	0.05	0.06	0.00	0.07	0.04	-0.01	0.08	-0.02	0.03
FA1OBVOLTAGE_SIN		0.00	122.14	-281.83	-44.41	5.74	7.48	9.76	0.07	0.02	-0.01	-0.13	-0.07	0.07	-0.01	-0.07	0.00
MRBLD1CB42P75_COS		199.32	-2222.20	647.90	-157.88	-225.06	-84.11	-90.16	-29.95	10.94	-15.54	-29.29	5.98	-8.40	-7.96	-5.09	2.43
MRBLD1CB42P75_SIN		0.00	2139.25	118.78	110.71	263.13	-163.72	-6.89	-67.49	23.22	35.44	-98.03	29.47	16.27	10.86	1.14	23.81

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4909.09	-1706.80	473.79	-260.68	-256.10	-127.20	-86.74	-35.91	8.08	0.60	-35.67	4.14	-4.50	-2.62	-4.79	15.09
MRBLD1CB70_SIN		0.00	1610.63	32.06	73.34	556.38	-141.01	157.45	-37.30	23.23	31.95	-37.26	18.94	10.12	9.03	-1.90	28.71
MRBLD1CB120_COS		-120.04	-962.91	401.11	-166.84	-166.11	-108.21	-79.35	-3.00	12.78	5.44	11.50	-8.14	2.15	5.89	5.57	-0.88
MRBLD1CB120_SIN		0.00	1055.98	-9.19	36.68	635.49	-41.85	259.79	-71.80	-28.62	-46.37	47.54	-7.19	-0.30	-0.90	-3.66	3.45
MRBLD1CB164_COS		-2000.82	-323.86	73.54	-50.16	-62.06	-72.08	-50.03	23.74	-1.69	-1.20	23.69	-7.24	3.94	-1.03	-0.04	-11.18
MRBLD1CB164_SIN		0.00	372.91	38.06	18.10	263.52	7.74	127.56	-15.19	-37.57	-54.61	30.71	-1.59	1.38	-3.17	6.33	-18.55
MRBLD1FB42P75_COS		2482.94	471.32	271.02	263.85	29.93	-33.60	-96.09	-216.80	-61.55	-110.61	-66.66	11.46	-10.58	-2.84	-5.21	37.35
MRBLD1FB42P75_SIN		0.00	-499.37	281.11	511.17	248.98	151.39	8.89	-262.35	-23.15	-27.49	-138.12	21.19	7.76	-4.24	-16.32	11.12
MRBLD1FB70_COS		694.69	88.89	74.12	39.79	-4.25	-12.63	-22.78	-26.18	0.91	0.12	-0.42	1.78	1.74	1.13	1.71	-6.62
MRBLD1FB70_SIN		0.00	-257.68	131.87	113.99	86.89	21.45	7.19	-39.16	4.76	7.52	4.03	1.28	1.08	1.57	2.29	-3.15
MRBLD1FB87_COS		100.53	112.27	-19.09	1.16	-3.51	-13.25	-5.54	16.80	10.16	21.15	17.52	-2.24	3.83	1.10	1.54	-7.69
MRBLD1FB87_SIN		0.00	-318.17	105.34	46.98	34.42	7.77	1.29	22.43	1.86	6.59	33.46	-4.57	-0.37	2.41	5.56	0.12
MRBLD1FB120_COS		-290.02	138.51	-128.52	-30.96	13.82	-20.68	-2.45	33.58	-8.44	-8.12	-9.75	-4.62	-7.69	-2.41	-2.51	11.16
MRBLD1FB120_SIN		0.00	-450.78	128.49	105.08	3.91	21.91	-2.27	62.75	-1.42	-10.46	-16.21	-1.44	-4.46	-7.09	-9.06	-0.35
MRBLD1FB164_COS		159.27	59.14	79.06	15.40	30.92	53.82	41.00	-35.58	1.08	13.11	13.06	-0.23	5.58	0.37	-3.27	-8.26
MRBLD1FB164_SIN		0.00	-597.87	18.89	298.25	-4.31	-42.56	-35.57	-90.94	3.69	14.65	28.57	-3.95	-0.63	4.28	5.02	-0.67

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		68.74	-95.43	121.79	11.51	23.04	57.96	19.27	-39.97	2.97	29.22	35.24	-12.35	-13.41	-10.01	-2.97	15.54
MRBLD1FB180_SIN		0.00	-430.22	-22.48	184.57	-20.53	-21.77	-20.26	-88.71	7.56	18.93	65.34	-15.00	-9.97	-10.96	-11.61	0.39
MRBLD1TOR51_COS		-1471.10	114.14	264.92	31.94	-54.40	-5.20	4.46	-24.13	-9.70	0.67	1.19	-2.98	-3.16	-1.14	4.60	2.17
MRBLD1TOR51_SIN		0.00	-187.83	-0.26	212.04	-9.51	9.11	-22.37	-36.05	9.37	0.07	12.98	-2.42	-5.13	-5.62	-2.59	5.91
MRBLD1TOR71_COS		-329.90	146.54	208.11	38.60	-37.24	5.15	14.30	-17.80	-6.63	4.96	0.72	-3.80	-1.03	0.00	2.93	1.09
MRBLD1TOR71_SIN		0.00	-192.44	-21.18	162.99	-31.20	9.48	-18.67	-17.23	10.28	1.10	18.82	-4.49	-2.39	-4.17	-0.89	4.46
MRBLD1TOR130_COS		-71.07	119.70	198.64	45.36	-30.08	10.23	12.96	-12.97	-0.51	1.38	4.69	-2.33	-0.03	0.45	-2.98	-1.40
MRBLD1TOR130_SIN		0.00	-157.33	-85.11	144.58	-31.83	-1.56	-11.37	-22.99	6.32	-5.23	-1.99	1.70	5.23	1.85	1.56	-0.82
MRBLD1TOR164_COS		-307.69	58.93	127.13	36.69	-20.92	-2.49	-0.80	-8.47	1.31	6.58	0.00	-2.01	0.65	1.45	-3.76	0.08
MRBLD1TOR164_SIN		0.00	-60.05	-87.73	44.14	-12.73	1.53	-5.03	-7.07	2.64	-0.87	3.61	-3.65	1.57	0.55	-1.47	-2.07
MRFBM1CB26P5_COS		43.55	-1538.56	320.63	3.19	-37.08	18.49	7.02	3.53	0.77	-4.44	6.16	0.68	-0.48	-0.19	1.17	-2.42
MRFBM1CB26P5_SIN		0.00	968.09	169.43	-19.81	-110.50	-31.80	-46.75	-11.64	-0.49	-3.38	-18.07	1.29	-0.63	-1.46	-0.90	-0.16
MRFBM1FB9_COS		1092.41	-26.23	-331.29	8.45	25.09	20.46	17.03	-0.16	1.77	2.74	-2.09	0.97	0.77	0.15	-0.40	0.33
MRFBM1FB9_SIN		0.00	-146.09	-147.07	-166.69	-37.14	-4.56	10.24	18.85	2.62	2.61	4.97	-0.57	0.69	0.21	0.53	-1.49
MRFBM1TOR26P5_COS		-51.20	105.29	6.06	-0.45	-1.92	-0.24	0.49	-0.13	-0.22	-0.15	0.05	0.20	-0.05	-0.04	0.13	0.06
MRFBM1TOR26P5_SIN		0.00	-299.64	1.80	1.57	-1.53	0.59	-1.47	-0.22	0.05	0.29	0.19	0.09	-0.20	-0.06	-0.02	-0.04

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		708.05	-1508.37	536.49	-56.96	-85.70	-60.17	-97.24	-22.40	22.99	-13.29	-18.64	9.13	-6.64	-5.55	-0.21	0.49
MRPC1CB33P25_SIN		0.00	1786.36	40.75	112.02	97.07	-104.28	-34.43	-63.97	-2.48	1.66	-80.33	17.17	11.01	7.53	-2.11	21.01
MRPC1FB33P25_COS		1889.52	397.64	105.17	153.26	-23.09	-72.58	-82.12	-67.19	-30.42	-61.30	35.16	-1.46	-9.90	1.37	8.15	10.35
MRPC1FB33P25_SIN		0.00	-216.75	258.47	465.60	226.71	107.23	-21.91	-307.38	-56.05	-81.70	-141.65	23.92	-0.94	-2.59	-12.17	43.00
MRPC1TOR25P5_COS		-267.77	-8.37	-303.72	-15.34	49.89	10.75	-8.00	23.35	13.68	5.52	2.98	2.31	3.99	1.53	-9.42	-3.99
MRPC1TOR25P5_SIN		0.00	-96.49	9.94	-219.84	30.29	-16.14	30.48	28.88	-13.96	-6.38	-22.52	5.83	14.03	8.65	5.24	-0.46
MRPLK1LOAD_COS		14.20	-5.60	-40.08	-3.34	5.71	3.03	-2.94	3.67	3.00	1.50	0.58	-0.49	0.72	0.57	-1.98	-0.93
MRPLK1LOAD_SIN		0.00	-6.71	0.37	-33.69	4.76	-2.34	4.46	4.34	-1.62	-0.98	-2.68	-0.55	2.48	1.35	0.65	0.30
PITCHRH_COS		8209.20	-9295.85	-115.62	-8.35	-59.35	382.95	149.85	-91.85	79.70	-31.17	35.59	53.60	-69.15	107.54	-33.67	-214.37
PITCHRH_SIN		0.00	946.58	-1081.31	-30.42	19.88	-1052.15	-39.13	137.20	37.78	-163.34	-289.98	152.95	11.53	40.45	55.44	132.79
ROLLRH_COS		6296.57	-967.16	1126.15	-158.38	16.88	-1581.80	-50.41	6.20	-186.97	181.46	288.72	2.92	-31.21	-57.11	-20.66	57.21
ROLLRH_SIN		0.00	-9469.81	-180.08	72.35	220.42	2088.31	-171.49	-208.05	-93.13	-69.44	68.61	42.75	-36.88	94.62	-55.20	86.57
TORQ_COS		126740.61	292.14	-7.07	165.09	75.63	-54.53	4.65	-6.76	-5.60	2.73	1.35	-3.87	-0.45	0.61	-6.65	6.75
TORQ_SIN		0.00	1172.83	-101.45	49.63	-99.93	219.90	7.56	35.37	-2.78	-4.93	69.42	3.29	-6.74	7.81	-1.08	-1.62
THRUST_COS		6802.83	-85.36	15.42	21.59	-0.55	-0.10	6.26	10.39	0.13	-4.24	7.01	-9.03	5.61	4.16	-1.75	-14.94
THRUST_SIN		0.00	-241.06	-5.68	-13.37	26.96	-67.57	5.50	6.36	0.28	-1.76	70.28	0.58	5.06	-10.58	2.33	-10.23

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.33	44.28	-26.20	1.07	19.36	-53.06	1.42	1.29	2.15	-7.57	-10.09	-0.02	0.27	1.57	0.72	-1.66
SIDERH_SIN		0.00	238.26	1.08	-2.02	-39.42	-263.87	-5.39	3.97	3.86	2.87	-8.78	-0.33	0.40	-2.29	1.57	-2.50
DRAGRH_COS		-119.68	242.74	9.25	4.17	4.68	436.61	-35.98	-6.78	-0.02	0.79	-13.46	-0.65	0.65	-3.67	0.98	8.24
DRAGRH_SIN		0.00	-44.44	18.45	2.58	2.75	371.24	19.98	-0.77	-4.82	14.79	11.09	-5.39	2.91	-1.99	-2.74	-6.82

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.01	-0.03	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.64	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.23	-0.41	-19.79	-3.41	1.27	-0.64	0.45	-0.15	-0.07	-0.12	0.77	-0.13	-0.07	-0.15	-0.22	0.07
ACT1FORCE_SIN		0.00	20.89	5.02	-4.67	1.00	2.13	1.13	0.18	0.43	-0.14	-0.83	0.24	0.20	0.09	0.09	0.24
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.78	-5.81	210.39	25.69	-5.38	3.34	-12.67	-0.09	-0.06	-0.04	0.17	0.00	-0.06	0.00	0.00	-0.06
FA1IBVOLTAGE_SIN		0.00	-116.02	245.16	35.62	-2.24	-8.42	-8.52	0.05	-0.01	0.04	-0.03	-0.05	-0.04	-0.09	0.03	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.99	5.95	-211.01	-25.94	5.99	-3.16	12.68	0.11	-0.05	0.03	-0.16	0.00	0.05	-0.02	0.00	0.05
FA1OBVOLTAGE_SIN		0.00	116.36	-245.33	-36.04	2.56	8.52	8.54	-0.10	0.00	-0.02	0.02	0.07	0.03	0.09	-0.03	-0.03
MRBLD1CB42P75_COS		295.65	-2443.73	667.61	-191.19	-253.42	-108.73	-92.10	-16.51	11.61	-16.24	-44.60	24.01	0.70	-10.67	1.91	3.11
MRBLD1CB42P75_SIN		0.00	1943.16	98.14	103.20	338.98	-182.98	-30.29	-31.87	19.79	42.29	-90.87	15.28	15.76	9.03	-2.01	24.03

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4969.42	-1850.42	506.55	-328.03	-276.30	-100.97	-69.79	-23.45	10.82	-4.53	-42.49	16.14	2.87	-6.84	2.06	13.94
MRBLD1CB70_SIN		0.00	1499.73	4.95	97.56	694.73	-146.35	138.98	-7.39	23.18	36.89	-36.02	10.18	9.87	5.35	-5.60	27.38
MRBLD1CB120_COS		-92.87	-1024.68	430.15	-214.20	-168.37	-44.64	-42.49	0.27	23.65	7.33	15.63	-14.39	0.35	4.50	4.89	-0.93
MRBLD1CB120_SIN		0.00	1032.86	-31.60	74.06	756.03	-36.67	259.97	-48.77	-30.81	-44.48	38.55	0.25	2.55	0.39	-3.04	3.22
MRBLD1CB164_COS		-1999.37	-341.09	98.64	-75.13	-59.81	-34.69	-31.04	18.31	8.51	3.82	27.38	-11.96	1.04	1.35	-5.09	-9.27
MRBLD1CB164_SIN		0.00	380.15	45.15	49.52	300.61	18.99	138.98	-18.33	-37.22	-51.58	25.80	5.13	1.28	1.05	7.90	-17.81
MRBLD1FB42P75_COS		2496.70	520.75	228.54	351.01	40.66	-79.99	-82.15	-171.96	-56.93	-94.68	-80.20	19.41	-2.67	-1.01	-3.97	41.17
MRBLD1FB42P75_SIN		0.00	-473.17	288.61	667.37	188.75	118.83	-17.20	-181.88	-43.91	-30.61	-119.33	-1.87	12.89	-2.02	-27.04	12.63
MRBLD1FB70_COS		698.60	86.96	66.05	54.46	-1.68	-23.93	-20.40	-17.21	1.20	0.79	-0.45	1.16	0.79	0.91	1.17	-7.25
MRBLD1FB70_SIN		0.00	-267.56	134.88	171.69	75.48	14.16	2.03	-24.11	3.09	7.89	4.98	2.17	0.97	0.90	4.73	-3.17
MRBLD1FB87_COS		100.06	113.62	-18.85	4.88	-2.17	-13.58	-4.33	13.95	10.05	18.90	21.65	-3.63	2.07	1.23	1.61	-8.25
MRBLD1FB87_SIN		0.00	-325.63	109.92	84.95	24.34	6.70	2.00	15.43	3.72	5.96	28.20	1.45	-1.71	1.44	7.57	-0.32
MRBLD1FB120_COS		-292.52	143.75	-124.51	-35.52	1.65	-10.87	-5.55	19.56	-9.51	-10.15	-10.59	-4.35	-6.21	-3.15	-2.59	12.05
MRBLD1FB120_SIN		0.00	-459.97	138.08	163.45	-5.15	28.33	8.16	43.98	3.29	-9.58	-13.53	-5.04	-3.12	-5.82	-12.20	-0.14
MRBLD1FB164_COS		171.51	68.51	0.39	49.40	9.60	56.81	40.36	-19.83	4.00	16.04	17.61	-2.09	3.20	0.66	-2.27	-8.81
MRBLD1FB164_SIN		0.00	-579.51	0.76	326.51	32.72	-41.83	-41.30	-64.50	-2.23	11.32	25.27	1.98	-1.93	2.29	6.94	-0.06

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		79.07	-90.24	44.97	38.23	16.82	51.39	17.47	-17.66	7.77	28.25	42.84	-15.67	-12.48	-10.53	-3.33	17.24
MRBLD1FB180_SIN		0.00	-410.57	-41.43	177.05	9.21	-20.62	-32.44	-65.72	7.06	19.72	55.99	-5.01	-10.27	-7.65	-15.67	0.35
MRBLD1TOR51_COS		-1456.30	104.96	160.15	87.87	-49.64	-2.01	7.99	-13.21	-1.54	-3.51	-0.06	-1.88	-2.61	-1.57	3.46	4.98
MRBLD1TOR51_SIN		0.00	-141.77	-50.25	181.90	24.78	9.60	-31.07	-27.31	4.35	5.50	7.45	-0.69	-3.79	-4.60	-4.72	5.50
MRBLD1TOR71_COS		-319.12	140.83	109.22	90.57	-31.71	8.55	17.29	-7.45	0.14	-0.06	0.98	-4.70	0.02	-1.31	2.01	2.94
MRBLD1TOR71_SIN		0.00	-147.47	-66.96	127.58	-1.70	11.79	-25.96	-13.31	5.85	5.30	13.90	-0.67	-3.16	-2.69	-2.33	3.95
MRBLD1TOR130_COS		-60.21	112.45	99.17	91.94	-23.00	11.74	17.28	-4.77	3.66	-1.33	2.72	-2.43	1.85	-1.43	-2.44	-2.66
MRBLD1TOR130_SIN		0.00	-110.44	-128.80	99.23	-4.68	0.98	-17.76	-16.84	0.65	-2.18	-2.73	4.71	2.26	2.86	2.21	-1.23
MRBLD1TOR164_COS		-302.06	50.85	60.91	63.94	-10.77	-3.95	4.15	-3.43	1.45	4.56	1.15	-3.96	1.40	-0.45	-1.63	-2.28
MRBLD1TOR164_SIN		0.00	-27.00	-117.62	4.96	-0.88	1.24	-8.99	-3.42	0.34	-1.03	5.61	-1.00	-0.92	0.63	-0.37	-1.78
MRFBM1CB26P5_COS		151.82	-1648.95	331.36	22.03	-57.56	1.81	3.85	4.30	-0.55	-3.82	3.84	2.02	-0.72	0.02	1.36	-2.03
MRFBM1CB26P5_SIN		0.00	817.74	156.92	-46.73	-116.66	-36.38	-49.17	-11.29	-1.77	-2.71	-17.00	0.57	-0.20	-0.63	-0.88	0.24
MRFBM1FB9_COS		1143.76	46.12	-317.38	2.70	24.49	22.84	16.52	1.34	0.65	2.43	-1.20	-0.21	0.84	0.04	-0.87	0.38
MRFBM1FB9_SIN		0.00	-28.23	-139.74	-213.72	-34.88	-0.22	9.91	13.42	2.79	2.10	4.98	-0.58	0.33	0.16	0.36	-1.62
MRFBM1TOR26P5_COS		-44.52	114.55	5.92	0.28	-2.34	0.11	0.05	-0.19	-0.15	-0.01	0.04	0.28	-0.13	0.06	0.08	0.09
MRFBM1TOR26P5_SIN		0.00	-310.73	1.61	0.98	-0.49	0.54	-1.42	-0.31	0.18	0.32	0.12	-0.13	-0.02	-0.11	-0.03	-0.03

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		773.75	-1696.11	541.99	-71.58	-104.95	-92.98	-104.72	-11.40	22.15	-9.24	-30.14	17.63	0.34	-8.14	5.18	1.66
MRPC1CB33P25_SIN		0.00	1635.72	35.73	85.46	114.00	-120.31	-46.07	-38.63	-6.07	6.24	-74.88	6.46	13.17	6.21	-5.02	21.52
MRPC1FB33P25_COS		1901.46	439.70	73.01	196.30	-1.05	-98.56	-59.81	-64.89	-18.74	-47.54	14.30	19.39	-7.62	-0.18	19.46	11.74
MRPC1FB33P25_SIN		0.00	-194.64	261.52	610.13	182.28	67.91	-39.25	-225.94	-69.41	-75.53	-135.99	12.65	7.15	-0.23	-17.47	46.39
MRPC1TOR25P5_COS		-270.46	13.55	-190.15	-76.52	45.82	5.98	-9.04	12.36	4.88	8.52	3.63	1.13	6.54	-0.80	-5.41	-8.53
MRPC1TOR25P5_SIN		0.00	-166.67	64.07	-182.47	-6.98	-18.52	38.09	23.94	-10.75	-12.55	-14.67	7.08	8.65	8.87	7.59	-0.61
MRPLK1LOAD_COS		14.37	-2.52	-25.41	-12.34	5.38	2.60	-2.43	2.17	1.39	1.26	0.95	-0.89	1.39	-0.39	-1.30	-1.65
MRPLK1LOAD_SIN		0.00	-16.95	7.01	-28.52	-0.04	-2.40	5.16	3.45	-1.43	-1.62	-1.28	0.57	0.75	1.56	1.07	0.29
PITCHRH_COS		7115.66	-9273.43	-234.08	-9.70	46.64	-67.93	31.81	-57.90	192.61	-20.78	96.69	125.45	-15.43	90.36	-34.08	-112.41
PITCHRH_SIN		0.00	1074.66	-1082.67	5.16	17.92	-1813.53	-147.43	182.43	-185.04	-176.73	-327.43	102.68	17.51	4.75	41.32	114.06
ROLLRH_COS		4320.15	-1035.06	1146.79	-187.84	74.97	-1132.27	-17.64	-85.60	-226.17	159.50	261.39	-8.11	-9.84	-11.87	-68.29	92.88
ROLLRH_SIN		0.00	-9492.08	-350.38	48.94	360.41	2089.11	-251.37	-210.20	-104.81	-87.45	24.32	6.40	-40.11	92.38	-33.71	106.51
TORQ_COS		129143.62	259.72	-11.51	122.73	81.40	28.89	7.81	-19.01	0.93	2.80	7.39	-2.64	0.35	-0.19	-4.00	5.76
TORQ_SIN		0.00	1143.79	-100.75	25.52	-138.45	251.20	4.37	39.39	-0.87	-6.19	60.53	4.10	-7.26	4.82	-3.29	-1.01
THRUST_COS		6916.44	-81.46	5.26	20.19	-2.66	23.02	3.58	7.62	-1.36	-3.90	14.14	-5.85	2.49	-5.26	3.03	-8.17
THRUST_SIN		0.00	-219.68	-10.56	-7.47	30.53	-35.05	3.81	10.65	-0.24	7.89	62.36	10.45	-5.37	1.37	-0.21	-12.15

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-185.36	42.53	-26.28	-3.25	-6.97	-101.36	-0.57	3.05	3.45	-8.04	-9.53	1.96	-0.61	0.52	2.00	-2.52
SIDERH_SIN		0.00	237.47	5.62	0.27	-57.63	-239.89	-1.43	2.52	2.69	3.97	-7.46	0.77	0.49	-2.46	0.91	-2.85
DRAGRH_COS		-139.71	243.94	9.12	6.09	7.57	561.15	-16.97	-8.24	3.73	-1.70	-18.57	-3.69	-1.76	-3.96	1.36	5.15
DRAGRH_SIN		0.00	-44.70	14.14	0.75	2.34	348.49	25.51	2.49	-1.24	14.12	12.44	-5.87	3.75	-0.07	-1.99	-3.93

RUN	POINT	Harmonics															
42	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.75	0.00	0.00	0.00	-0.04	0.02	-0.03	0.00	0.03	-0.01	-0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.92	0.00	0.00	0.00	-0.03	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.51	-1.81	-7.17	-0.10	-8.23	0.37	0.46	-0.28	0.50	-0.21	0.39	0.49	-0.07	0.00	-0.06	0.50
ACT1FORCE_SIN		0.00	20.04	-5.87	11.86	3.42	-2.63	1.31	-1.24	0.19	-1.99	0.17	0.31	0.00	-0.01	0.27	0.26
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.03	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.13	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		408.09	3.50	49.51	361.51	48.02	9.01	-4.51	-0.19	-0.05	0.40	-0.03	0.00	0.01	0.05	-0.01	0.03
FA1IBVOLTAGE_SIN		0.00	-110.81	31.97	26.47	-32.10	15.56	-16.63	-0.22	0.06	0.12	-0.02	0.11	-0.27	-0.12	0.06	0.21
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.03	0.02	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.14	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		398.08	-3.31	-49.31	-362.42	-48.66	-8.82	5.31	0.16	0.15	-0.54	-0.05	0.02	-0.07	-0.10	0.02	-0.05
FA1OBVOLTAGE_SIN		0.00	110.89	-31.77	-26.00	31.94	-15.87	15.23	-0.26	-0.10	-0.12	0.06	-0.13	0.15	0.09	-0.07	-0.20
MRBLD1CB42P75_COS		-126.87	-1385.47	307.84	-33.25	223.84	-273.21	-52.96	78.80	-37.82	19.41	39.66	22.37	-2.87	-5.22	-10.68	-16.59
MRBLD1CB42P75_SIN		0.00	1489.19	22.76	176.78	-23.16	70.39	-118.60	33.29	18.16	16.34	10.48	-25.93	20.95	26.66	-28.91	36.10

RUN	POINT	Harmonics															
42	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4729.23	-1038.40	194.42	-5.25	486.98	-277.61	-141.70	54.08	-34.22	13.09	-5.38	15.09	-3.47	7.07	-9.85	-12.05
MRBLD1CB70_SIN		0.00	1161.49	-209.37	400.17	-213.90	-133.66	-305.15	64.37	10.57	33.62	-11.27	-19.97	11.78	24.84	-26.82	54.04
MRBLD1CB120_COS		-124.91	-664.95	165.66	179.45	342.53	-139.01	-150.60	9.19	18.22	-16.68	-22.09	-9.19	4.79	-0.65	7.81	-4.89
MRBLD1CB120_SIN		0.00	889.54	-239.70	277.57	-137.68	-290.37	-404.49	5.71	-42.91	-44.23	9.82	16.67	-4.15	1.01	-1.54	5.55
MRBLD1CB164_COS		-1940.67	-222.81	44.64	208.08	48.87	-29.26	-39.04	-31.44	38.01	-14.55	0.52	-7.46	5.45	-4.40	-2.98	14.30
MRBLD1CB164_SIN		0.00	328.61	-91.98	154.93	-44.19	-193.54	-175.01	-12.10	-49.40	-56.73	25.90	21.03	-0.10	-9.88	18.93	-34.97
MRBLD1FB42P75_COS		2721.36	312.20	115.00	1456.89	-807.92	-78.72	-173.28	84.16	-127.26	-115.70	112.98	-9.81	22.12	2.46	-47.77	42.84
MRBLD1FB42P75_SIN		0.00	-283.55	649.81	-45.80	754.01	328.59	27.33	-159.94	-25.59	-146.27	-24.94	-9.94	0.48	25.59	-44.68	53.91
MRBLD1FB70_COS		657.71	103.02	34.35	473.67	-242.71	-24.68	-34.81	26.98	-10.16	-2.44	3.32	1.36	-2.58	0.17	8.82	-8.71
MRBLD1FB70_SIN		0.00	-257.69	246.52	1.53	174.99	67.05	-10.28	-19.19	6.77	-1.08	3.22	3.50	2.67	-2.38	9.23	-12.34
MRBLD1FB87_COS		86.93	119.34	-5.03	272.26	-142.71	-7.97	4.68	-11.44	21.92	19.61	-23.76	4.55	-4.75	-1.01	10.67	-9.25
MRBLD1FB87_SIN		0.00	-325.12	168.49	31.42	75.02	-1.16	-7.54	10.47	1.58	27.91	5.23	6.17	1.08	-4.16	12.04	-7.76
MRBLD1FB120_COS		-308.17	156.22	-57.55	281.93	-42.12	-13.58	30.28	-46.26	3.92	1.00	-3.31	-8.10	4.27	0.01	-14.63	14.82
MRBLD1FB120_SIN		0.00	-493.57	190.72	162.22	46.83	-54.69	10.83	35.41	-10.98	-1.40	-5.53	-11.80	-6.80	1.12	-18.78	12.15
MRBLD1FB164_COS		56.87	183.12	7.72	10.76	462.34	61.53	13.90	70.15	-9.90	4.21	-10.58	11.58	-6.43	-7.75	10.32	-4.82
MRBLD1FB164_SIN		0.00	-671.98	487.81	105.56	-125.36	-51.02	2.61	-49.85	9.18	9.89	2.76	9.64	7.98	-8.41	4.51	-0.98

RUN	POINT	Harmonics															
42	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-3.75	4.45	35.17	-131.76	320.24	55.72	4.39	51.57	-4.78	43.78	-48.27	-14.17	-8.53	0.85	-15.54	14.93
MRBLD1FB180_SIN		0.00	-467.11	340.71	30.10	-123.69	-16.38	-1.39	-38.19	-2.28	38.29	22.83	-2.44	-24.05	-6.89	-18.17	12.82
MRBLD1TOR51_COS		-1449.33	218.05	-61.22	-88.77	208.66	-111.92	50.89	0.43	-8.98	-4.48	-2.09	1.27	-0.18	1.99	2.12	-0.45
MRBLD1TOR51_SIN		0.00	-136.30	297.58	-205.62	5.95	62.18	-34.08	-21.68	-4.66	3.52	0.92	-5.21	-3.97	-3.24	-5.67	2.20
MRBLD1TOR71_COS		-327.47	229.00	-75.80	-131.22	215.92	-84.62	57.31	-8.51	-1.25	-7.55	-4.07	1.16	1.82	2.36	1.00	0.43
MRBLD1TOR71_SIN		0.00	-130.52	257.85	-225.10	-18.25	52.03	-20.45	-14.49	0.31	9.63	1.94	-3.80	-4.76	-1.71	-2.60	1.96
MRBLD1TOR130_COS		-68.28	205.81	-62.09	-207.71	237.48	-57.69	42.74	2.90	-5.07	-7.75	10.57	1.41	3.17	-1.37	-3.39	-0.06
MRBLD1TOR130_SIN		0.00	-92.37	192.83	-217.93	-53.64	45.74	-18.68	-9.43	0.54	-4.80	13.32	-1.47	0.74	4.65	1.54	1.14
MRBLD1TOR164_COS		-282.11	111.29	-37.68	-183.14	79.97	-32.64	13.21	-1.76	1.38	-6.84	1.07	1.27	2.32	-1.02	0.26	-0.61
MRBLD1TOR164_SIN		0.00	-0.96	56.65	-177.63	-50.01	39.92	-12.39	-6.51	5.31	8.38	1.24	-1.97	0.05	2.07	-4.59	5.36
MRFBM1CB26P5_COS		-495.81	-781.64	164.76	-127.97	12.80	-42.82	26.17	8.68	1.40	0.74	15.08	0.50	1.10	-2.26	1.38	-1.29
MRFBM1CB26P5_SIN		0.00	600.45	125.29	-133.44	97.80	33.84	39.72	-11.30	-0.97	-8.56	7.00	-0.28	1.01	-1.33	-3.10	-1.96
MRFBM1FB9_COS		859.09	-210.00	-132.57	-330.74	115.02	30.36	-3.21	-9.63	4.07	-1.58	-1.22	-0.90	0.41	0.80	-1.37	2.03
MRFBM1FB9_SIN		0.00	88.23	-371.88	-145.07	-56.68	-17.25	14.61	0.97	5.95	4.78	-2.19	0.88	-0.42	0.07	1.90	-2.08
MRFBM1TOR26P5_COS		-80.31	93.56	3.00	-1.04	6.31	-1.20	0.59	0.02	-0.31	0.71	-0.42	-0.05	-0.20	0.01	0.12	0.02
MRFBM1TOR26P5_SIN		0.00	-279.46	4.28	-1.36	0.95	1.20	0.04	-0.41	-0.11	0.11	-0.50	0.11	0.04	-0.20	0.08	-0.23

RUN	POINT	Harmonics															
42	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		538.77	-1039.95	285.23	-33.19	-25.07	-165.82	-24.22	61.88	-21.00	12.86	45.81	11.84	3.92	-8.79	-5.25	-18.48
MRPC1CB33P25_SIN		0.00	1242.81	80.92	21.96	120.05	123.56	-49.75	-7.99	7.18	-26.57	14.50	-13.95	14.80	21.42	-27.49	31.18
MRPC1FB33P25_COS		1857.92	252.37	-67.32	1243.72	-819.14	-151.65	-162.15	137.60	-82.16	-4.99	100.67	5.32	17.60	-18.50	7.71	-23.49
MRPC1FB33P25_SIN		0.00	-54.75	512.49	221.28	442.31	233.52	-36.97	-105.20	-82.28	-170.91	45.96	-13.84	19.13	21.62	-66.01	73.62
MRPC1TOR25P5_COS		-312.26	-126.76	34.96	152.54	-250.58	121.25	-54.68	4.23	10.73	3.30	15.64	3.48	4.54	-4.82	-6.25	-3.16
MRPC1TOR25P5_SIN		0.00	-131.52	-307.12	237.09	-3.92	-63.45	43.21	25.96	4.36	-11.16	11.11	5.31	8.99	11.71	1.77	11.02
MRPLK1LOAD_COS		3.72	-19.45	4.35	18.47	-36.43	18.11	-7.62	0.42	2.94	-1.43	3.36	0.93	1.47	-0.60	-1.06	-0.65
MRPLK1LOAD_SIN		0.00	-10.70	-42.28	28.70	-2.53	-9.91	5.25	4.22	1.19	-1.15	3.21	-0.31	0.72	2.36	-0.08	2.39
PITCHRH_COS		10697.22	-8617.62	-433.98	276.38	-69.10	-2644.26	-220.02	-9.40	112.21	64.67	357.48	312.82	4.79	-10.87	180.12	-321.75
PITCHRH_SIN		0.00	709.32	-1053.51	5.56	-142.08	7483.26	169.28	-110.97	14.24	-77.65	-331.40	-235.05	41.77	-20.20	196.87	-139.21
ROLLRH_COS		803.10	-775.98	1087.16	-166.52	280.29	-4631.13	-125.42	101.09	-315.29	-14.90	406.53	264.94	-138.24	-17.07	-195.22	287.00
ROLLRH_SIN		0.00	-8722.73	-275.49	314.10	-226.85	-4508.09	-186.58	32.64	176.15	-42.71	-67.21	120.82	-73.86	17.63	-90.27	91.02
TORQ_COS		113125.88	249.72	-26.05	41.61	-167.63	505.38	19.38	-58.03	-23.71	7.18	-70.69	-1.06	-10.04	-3.49	-6.46	14.44
TORQ_SIN		0.00	1099.96	-47.32	248.35	-62.07	-391.71	66.09	56.00	-7.91	-6.08	-23.81	-0.11	7.94	11.40	-1.61	3.15
THRUST_COS		6129.40	-82.14	-29.25	45.74	24.25	140.78	11.09	-4.97	5.36	-3.82	-10.68	5.84	4.30	5.89	1.30	-2.81
THRUST_SIN		0.00	-235.80	10.10	12.58	20.91	-231.32	19.40	35.10	3.39	6.20	-2.86	-5.80	3.86	8.55	-2.73	-46.21

RUN	POINT	Harmonics															
42	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.21	38.92	-19.97	0.99	-10.81	492.44	23.35	-2.26	7.26	1.45	-15.77	-5.08	3.93	0.65	6.13	-8.26
SIDERH_SIN		0.00	215.23	7.73	12.06	72.65	181.87	12.44	-2.08	-6.88	1.99	0.92	-6.89	1.11	-0.22	3.41	-1.82
DRAGRH_COS		-16.95	222.28	11.80	-8.91	16.81	-677.72	-3.70	-8.78	0.62	-8.98	-22.78	-15.60	-1.90	1.15	-9.48	18.74
DRAGRH_SIN		0.00	-36.93	12.54	-10.01	-15.71	-416.03	-61.28	3.53	5.64	1.13	32.66	6.84	-1.29	-0.24	-8.76	7.21

RUN	POINT	Harmonics															
42	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.75	0.00	0.00	0.00	-0.04	0.02	-0.03	0.00	0.03	-0.01	-0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.01	0.91	-0.01	0.00	0.00	-0.03	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.81	-2.02	-7.23	-0.02	-8.09	0.46	0.43	-0.25	0.47	-0.22	0.41	0.50	-0.06	0.01	-0.06	0.51
ACT1FORCE_SIN		0.00	20.16	-5.93	11.80	3.48	-2.65	1.30	-1.14	0.22	-2.01	0.18	0.32	0.03	-0.01	0.26	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.03	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.13	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		405.98	4.88	50.21	360.10	46.24	8.62	-4.50	-0.08	0.04	0.36	0.07	0.05	-0.03	-0.02	-0.03	0.05
FA1IBVOLTAGE_SIN		0.00	-111.95	33.18	26.10	-33.50	15.61	-16.34	-0.24	0.00	0.10	-0.07	0.07	-0.17	-0.14	-0.03	0.15
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.03	0.02	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.14	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		400.18	-4.71	-50.03	-361.00	-46.88	-8.41	5.31	0.04	0.06	-0.49	-0.15	-0.04	-0.04	-0.03	0.03	-0.06
FA1OBVOLTAGE_SIN		0.00	112.04	-32.97	-25.62	33.33	-15.90	14.94	-0.22	-0.02	-0.11	0.11	-0.09	0.06	0.12	0.01	-0.13
MRBLD1CB42P75_COS		-102.23	-1761.67	312.89	-45.09	195.75	-263.91	-49.96	82.66	-33.41	15.41	40.67	17.77	1.31	-3.50	-13.29	-15.31
MRBLD1CB42P75_SIN		0.00	1590.09	12.33	203.96	-0.27	88.40	-114.42	20.66	14.24	14.41	-4.80	-32.95	17.87	26.40	-25.55	36.95

RUN	POINT	Harmonics															
42	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4737.17	-1286.11	199.80	-16.86	460.33	-251.25	-135.88	46.30	-30.37	9.09	-6.50	10.22	-0.97	6.29	-13.11	-11.94
MRBLD1CB70_SIN		0.00	1220.53	-213.87	424.72	-168.00	-91.98	-289.56	43.56	8.39	32.30	-24.29	-25.37	6.67	22.40	-26.34	50.64
MRBLD1CB120_COS		-122.22	-764.68	163.50	166.69	333.15	-108.38	-148.11	-9.48	15.00	-17.77	-22.80	-8.34	1.76	-1.96	6.46	-5.44
MRBLD1CB120_SIN		0.00	908.32	-240.16	304.60	-93.20	-241.44	-385.22	-22.60	-37.81	-42.50	14.86	20.26	-4.47	-1.35	-2.63	4.30
MRBLD1CB164_COS		-1937.10	-244.09	39.04	202.40	50.14	-16.89	-43.22	-38.75	32.45	-14.73	0.89	-6.52	2.79	-4.87	-1.47	12.60
MRBLD1CB164_SIN		0.00	326.29	-92.33	171.03	-25.73	-171.81	-167.44	-21.45	-46.21	-54.94	34.41	24.84	2.84	-8.96	19.71	-31.74
MRBLD1FB42P75_COS		2700.89	392.70	122.58	1468.40	-783.02	-87.27	-160.87	61.73	-123.85	-115.49	116.86	-8.08	20.99	4.26	-45.21	41.30
MRBLD1FB42P75_SIN		0.00	-322.96	667.63	-18.87	752.85	322.89	17.63	-196.55	-21.50	-141.98	-36.11	-9.32	-2.22	22.16	-39.49	48.85
MRBLD1FB70_COS		653.66	101.94	37.81	477.65	-236.43	-23.87	-32.35	23.34	-9.57	-2.39	2.78	1.05	-2.40	-0.15	8.49	-8.52
MRBLD1FB70_SIN		0.00	-261.37	249.29	13.15	177.93	67.93	-11.24	-25.91	6.93	-0.57	2.67	3.61	2.98	-1.87	7.75	-11.19
MRBLD1FB87_COS		85.33	121.10	-4.22	274.28	-139.69	-7.46	4.03	-9.34	21.30	19.95	-24.42	4.67	-4.47	-1.26	10.24	-8.76
MRBLD1FB87_SIN		0.00	-327.25	169.62	37.34	75.88	-0.29	-7.01	14.10	1.21	27.56	8.05	6.23	1.86	-3.31	10.85	-6.83
MRBLD1FB120_COS		-308.39	159.03	-56.19	288.05	-41.70	-13.00	27.16	-40.01	3.54	1.04	-2.74	-8.55	3.71	0.20	-14.22	14.23
MRBLD1FB120_SIN		0.00	-493.26	189.81	163.94	46.66	-55.74	11.53	43.89	-11.35	-2.21	-6.16	-11.81	-7.90	-0.09	-17.23	10.48
MRBLD1FB164_COS		53.81	185.74	13.54	23.04	451.74	61.89	16.33	62.09	-8.52	3.89	-11.28	11.28	-5.81	-7.33	9.68	-4.64
MRBLD1FB164_SIN		0.00	-662.13	483.88	103.23	-128.22	-54.73	2.27	-62.60	10.25	11.85	4.89	9.76	8.59	-7.26	3.80	-1.02

RUN	POINT	Harmonics															
42	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.16	6.73	39.14	-125.44	312.70	54.68	8.31	44.20	-4.53	42.63	-50.13	-14.49	-10.67	-1.25	-14.59	14.09
MRBLD1FB180_SIN		0.00	-459.82	338.34	27.93	-125.02	-17.24	-1.97	-48.76	-1.27	40.59	29.40	0.11	-23.26	-9.14	-17.16	10.98
MRBLD1TOR51_COS		-1452.66	213.79	-61.29	-89.62	205.55	-109.71	51.71	-1.32	-10.45	-4.93	-3.06	1.06	-0.81	1.43	2.57	-1.29
MRBLD1TOR51_SIN		0.00	-137.75	297.07	-200.68	6.30	58.32	-33.81	-28.05	-4.95	4.89	0.20	-4.76	-3.88	-4.29	-5.69	1.38
MRBLD1TOR71_COS		-329.63	229.86	-75.47	-132.17	213.93	-83.16	57.36	-10.01	-2.80	-7.50	-5.06	1.40	0.86	1.94	1.16	0.35
MRBLD1TOR71_SIN		0.00	-133.10	257.12	-221.77	-18.87	48.33	-20.24	-18.23	-0.23	11.54	1.40	-3.24	-4.77	-2.80	-2.57	1.58
MRBLD1TOR130_COS		-69.17	205.48	-61.18	-208.47	236.01	-56.88	42.25	1.74	-5.72	-7.50	11.45	1.92	2.66	-1.17	-3.88	0.91
MRBLD1TOR130_SIN		0.00	-94.12	191.60	-216.41	-54.54	42.84	-18.46	-13.46	-0.20	-2.44	11.58	-1.46	0.38	4.17	1.82	1.80
MRBLD1TOR164_COS		-281.69	109.57	-37.56	-184.75	80.15	-32.51	13.05	-2.50	0.88	-6.27	0.95	1.19	2.09	-0.73	-0.60	0.46
MRBLD1TOR164_SIN		0.00	-2.55	55.89	-176.93	-49.49	38.88	-11.90	-7.37	4.22	9.97	0.79	-2.27	-0.82	1.88	-4.28	5.18
MRFBM1CB26P5_COS		-483.31	-1027.18	171.27	-132.25	9.10	-48.56	24.71	11.91	2.04	0.50	15.71	0.91	1.04	-1.89	1.38	-0.84
MRFBM1CB26P5_SIN		0.00	632.49	124.35	-132.13	93.50	28.64	37.15	-8.55	-1.61	-8.55	7.18	-0.29	1.58	-1.08	-2.52	-1.45
MRFBM1FB9_COS		842.92	-39.95	-137.00	-331.81	112.46	29.21	-3.29	-10.26	4.06	-1.15	-1.68	-0.89	0.27	0.77	-1.13	1.95
MRFBM1FB9_SIN		0.00	-5.16	-374.69	-152.86	-58.25	-17.06	14.34	3.57	5.76	4.82	-1.87	1.13	-0.42	0.02	1.77	-1.87
MRFBM1TOR26P5_COS		-80.06	86.35	3.13	-1.15	6.14	-1.28	0.68	0.00	-0.29	0.65	-0.46	-0.10	-0.17	-0.01	0.14	-0.04
MRFBM1TOR26P5_SIN		0.00	-285.42	4.10	-1.36	0.96	0.96	-0.01	-0.47	-0.08	-0.02	-0.39	0.12	0.07	-0.16	0.07	-0.24

RUN	POINT	Harmonics															
42	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		528.42	-1319.86	281.58	-42.30	-43.05	-164.12	-24.41	66.17	-18.44	11.17	46.36	9.80	7.28	-6.93	-7.14	-16.60
MRPC1CB33P25_SIN		0.00	1342.91	68.94	49.27	124.40	129.14	-51.13	-18.20	6.25	-27.40	5.25	-17.14	12.80	20.75	-24.79	31.72
MRPC1FB33P25_COS		1840.88	322.75	-63.87	1248.26	-800.03	-156.38	-149.42	134.11	-80.78	-6.21	110.31	6.46	19.33	-14.58	4.62	-19.39
MRPC1FB33P25_SIN		0.00	-85.96	530.77	246.26	446.99	227.14	-40.18	-143.26	-77.96	-168.67	40.38	-13.54	16.10	20.82	-60.55	69.13
MRPC1TOR25P5_COS		-310.05	-139.93	35.26	152.86	-247.18	118.86	-55.76	5.71	12.20	4.11	18.12	4.42	5.25	-3.42	-7.89	0.36
MRPC1TOR25P5_SIN		0.00	-137.22	-306.41	233.46	-3.18	-58.68	42.58	31.58	4.41	-11.15	9.67	4.62	8.05	12.06	2.81	12.31
MRPLK1LOAD_COS		4.17	-21.71	4.41	18.63	-36.00	17.87	-7.89	0.66	3.09	-1.19	3.69	1.18	1.34	-0.36	-1.43	0.12
MRPLK1LOAD_SIN		0.00	-11.53	-42.13	28.06	-2.43	-9.11	5.40	5.15	1.09	-0.73	2.64	-0.51	0.43	2.25	0.15	2.66
PITCHRH_COS		8064.26	-8595.82	-411.81	222.35	-71.98	-2629.20	-240.41	-5.25	100.46	48.06	395.41	250.50	12.47	-60.82	182.55	-235.34
PITCHRH_SIN		0.00	717.03	-1074.24	0.43	-171.40	6934.86	-39.16	-90.26	-58.50	-63.16	-370.35	-240.91	57.29	-46.64	161.02	-128.77
ROLLRH_COS		2503.97	-836.67	1084.65	-131.77	258.06	-4598.14	-80.85	136.68	-197.19	-18.86	388.14	246.57	-152.54	-37.66	-130.96	258.23
ROLLRH_SIN		0.00	-8754.79	-268.34	387.06	-250.54	-4171.50	-121.84	-2.41	159.44	-51.61	-26.37	90.10	-72.14	56.35	-58.64	54.20
TORQ_COS		113213.82	247.55	-13.19	53.65	-146.85	493.23	18.92	-73.21	-20.65	7.98	-63.27	-1.70	-6.06	-3.02	-4.73	12.30
TORQ_SIN		0.00	1133.93	-55.71	228.47	-49.13	-414.01	53.09	51.16	-2.72	-6.11	-22.90	2.09	5.11	11.24	-1.39	2.41
THRUST_COS		6080.40	-86.25	-28.55	44.03	22.83	138.77	8.60	-8.75	6.08	-1.74	-16.19	4.51	2.98	3.91	-0.75	-0.23
THRUST_SIN		0.00	-237.42	11.41	6.80	19.12	-224.64	16.17	36.28	2.53	5.97	-6.26	-7.87	3.19	5.38	-2.32	-43.14

RUN	POINT	Harmonics															
42	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-129.08	42.01	-20.20	1.07	-5.78	471.21	15.58	-1.66	4.91	1.74	-13.37	-4.63	4.56	1.52	4.43	-7.15
SIDERH_SIN		0.00	215.05	5.13	7.20	75.39	168.66	6.11	-0.94	-5.84	2.81	0.03	-5.57	1.46	-1.26	2.57	-0.44
DRAGRH_COS		-47.75	219.40	9.30	-10.52	13.95	-632.40	-25.69	-6.64	4.59	-8.20	-23.89	-15.51	-2.77	3.50	-9.98	15.80
DRAGRH_SIN		0.00	-37.43	13.44	-9.21	-12.22	-359.16	-45.46	-2.35	6.04	1.55	31.86	6.01	-1.71	0.05	-7.81	6.29

RUN	POINT	Harmonics															
46	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.06	0.00	0.00	0.00	0.01	-0.02	0.01	0.02	0.02	-0.01	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	0.00	-0.01	0.02	0.09	-0.02	0.01	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.71	-1.05	-5.58	-10.95	-5.16	2.33	0.03	0.14	-0.73	-0.31	0.17	0.55	-0.25	0.13	-0.20	0.54
ACT1FORCE_SIN		0.00	20.34	-0.56	4.03	-2.61	-0.89	1.03	0.44	0.34	1.89	-0.37	0.13	-0.04	-0.13	0.33	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.11	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.04	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.75	-3.16	39.69	146.43	43.25	-12.56	5.15	0.15	-0.08	-0.21	-0.03	0.04	-0.07	-0.02	-0.11	0.06
FA1IBVOLTAGE_SIN		0.00	-118.88	2.89	268.91	10.47	13.60	-5.48	0.10	0.11	0.05	0.12	0.04	0.06	0.05	-0.02	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.04	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.92	3.40	-39.78	-147.63	-43.47	12.77	-4.46	0.06	0.00	0.22	0.06	-0.03	0.06	0.04	0.13	-0.05
FA1OBVOLTAGE_SIN		0.00	119.21	-2.44	-269.25	-10.96	-13.75	6.18	-0.05	-0.07	-0.15	-0.14	-0.02	0.01	-0.04	0.01	0.04
MRBLD1CB42P75_COS		-596.63	-1269.21	508.88	-99.28	72.68	-243.03	-34.94	-39.61	19.98	-21.99	-14.09	21.50	2.53	-16.31	15.81	-7.09
MRBLD1CB42P75_SIN		0.00	1808.11	-65.27	190.46	377.43	-125.65	-17.71	-6.31	5.78	45.22	-69.75	-13.10	26.14	12.13	-9.15	22.74

RUN	POINT	Harmonics															
46	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4388.67	-979.80	417.81	-238.37	366.28	-149.52	52.87	-44.46	18.63	-25.12	3.21	14.98	5.99	-4.30	9.76	6.26
MRBLD1CB70_SIN		0.00	1352.72	-209.48	338.04	522.22	-197.34	-55.55	-5.25	6.30	45.29	-35.08	-16.64	16.25	5.71	-10.64	30.56
MRBLD1CB120_COS		-269.37	-641.20	328.45	-56.47	391.91	10.19	153.22	-13.40	-3.95	18.86	-6.44	-11.54	2.87	5.85	4.61	-2.07
MRBLD1CB120_SIN		0.00	928.27	-220.68	308.34	458.86	-165.79	-91.18	-48.36	-42.14	-24.51	48.92	16.30	-3.01	-3.05	1.60	3.26
MRBLD1CB164_COS		-1985.97	-219.51	89.63	34.13	125.45	44.64	83.78	13.24	-9.54	21.69	-15.52	-10.62	0.58	-0.20	-11.06	-3.06
MRBLD1CB164_SIN		0.00	323.57	-66.55	202.71	144.24	-59.51	-27.20	-29.92	-38.62	-39.35	35.94	24.25	-2.10	1.45	7.07	-20.32
MRBLD1FB42P75_COS		2571.22	280.17	-42.09	1242.87	-371.82	-221.77	-124.77	-143.58	-126.91	-33.13	-82.16	28.03	15.19	-9.37	20.79	37.63
MRBLD1FB42P75_SIN		0.00	-335.18	426.36	667.40	112.79	202.67	-39.84	-38.17	-81.66	-72.75	-32.53	-10.20	17.28	8.44	-58.13	37.63
MRBLD1FB70_COS		602.10	110.87	-5.87	354.15	-97.22	-57.33	-15.42	-13.10	-5.50	4.21	2.65	0.39	-0.58	1.91	-4.59	-5.25
MRBLD1FB70_SIN		0.00	-261.96	182.81	219.56	20.76	32.39	-11.04	-0.39	-1.62	5.76	3.96	3.12	1.55	0.51	11.61	-8.30
MRBLD1FB87_COS		71.40	127.85	-35.89	174.12	-67.20	-10.91	2.91	13.77	18.46	7.37	22.27	-5.27	-2.38	3.15	-3.63	-8.57
MRBLD1FB87_SIN		0.00	-325.80	144.19	148.08	-12.43	5.35	-1.22	0.34	11.22	11.25	10.04	4.53	-2.79	-0.78	15.36	-4.93
MRBLD1FB120_COS		-308.81	168.38	-110.79	142.99	-54.87	24.70	1.97	9.96	1.67	-13.28	-16.20	-2.82	-1.23	-4.99	5.83	12.00
MRBLD1FB120_SIN		0.00	-462.69	176.75	262.96	5.62	-6.45	23.93	5.33	3.70	-6.83	-13.12	-9.85	-2.57	-3.74	-24.37	6.81
MRBLD1FB164_COS		46.82	167.32	-136.95	163.21	212.30	83.08	30.20	-15.56	-3.75	13.42	20.34	-0.96	-5.40	1.72	-3.15	-8.95
MRBLD1FB164_SIN		0.00	-571.81	289.93	168.38	159.86	-44.04	-15.04	-13.11	-5.94	13.66	11.14	8.87	-0.50	-4.19	12.09	-1.24

RUN	POINT	Harmonics															
46	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-27.27	5.42	-74.40	51.75	178.58	47.03	16.83	-17.61	8.64	16.50	34.86	-20.30	-12.16	-7.57	5.70	15.85
MRBLD1FB180_SIN		0.00	-392.90	192.59	5.65	97.89	-13.28	-19.75	-15.33	2.05	33.09	21.24	-9.52	-18.98	-11.12	-29.68	4.58
MRBLD1TOR51_COS		-1459.45	188.05	-64.03	158.26	100.91	-67.56	14.76	-30.44	2.33	3.66	3.41	-0.59	-2.06	1.13	6.32	6.99
MRBLD1TOR51_SIN		0.00	-106.25	118.63	-113.21	143.62	-29.69	-38.16	-19.94	-6.00	12.84	7.06	-3.79	-5.40	-4.50	-6.32	6.96
MRBLD1TOR71_COS		-315.72	199.27	-84.28	122.24	106.20	-44.82	20.51	-21.88	4.24	4.15	4.82	-5.17	0.43	1.61	3.71	3.35
MRBLD1TOR71_SIN		0.00	-108.59	100.81	-161.21	111.11	-22.82	-29.07	-14.37	2.72	10.24	14.42	-4.76	-4.83	-3.57	-1.92	3.26
MRBLD1TOR130_COS		-50.18	172.12	-73.95	68.13	125.31	-33.16	20.15	-16.79	1.85	7.09	1.68	-6.03	2.16	-1.87	-3.13	-5.27
MRBLD1TOR130_SIN		0.00	-74.05	52.18	-198.21	93.67	-14.93	-23.44	-13.72	-2.23	-3.13	10.03	-1.25	3.56	1.16	4.07	-4.51
MRBLD1TOR164_COS		-265.73	82.74	-28.80	11.42	64.00	-32.61	5.89	-5.55	0.68	1.86	3.90	-6.04	2.63	-0.94	2.81	-5.99
MRBLD1TOR164_SIN		0.00	-1.86	-12.85	-191.35	24.85	0.60	-16.57	-6.75	4.39	-6.76	7.25	-5.20	0.63	-1.48	1.42	-3.08
MRFBM1CB26P5_COS		-1077.15	-718.68	214.64	-23.91	-99.60	-39.86	-19.21	3.21	0.49	2.16	-4.26	2.24	-0.63	-1.80	4.60	-2.77
MRFBM1CB26P5_SIN		0.00	789.49	72.75	-123.55	35.24	-13.72	2.15	-2.53	-1.59	-4.81	-9.62	1.76	0.48	-0.35	-0.62	-0.50
MRFBM1FB9_COS		626.25	-270.84	-88.09	-210.49	50.42	35.78	3.79	5.31	0.47	0.35	-0.06	-0.67	0.62	0.48	-1.99	1.72
MRFBM1FB9_SIN		0.00	-82.30	-197.84	-294.16	-14.12	-1.66	3.98	7.13	6.26	1.31	3.56	-0.53	-0.49	0.46	-0.42	-1.69
MRFBM1TOR26P5_COS		-110.43	81.90	2.19	0.25	1.22	-0.62	-0.40	-0.13	-0.08	-0.04	-0.06	0.48	-0.18	0.05	-0.02	0.25
MRFBM1TOR26P5_SIN		0.00	-259.84	2.23	-0.72	3.88	-0.97	-0.54	-0.08	-0.25	0.74	-0.51	0.22	-0.07	0.03	-0.14	0.10

RUN	POINT	Harmonics															
46	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		110.40	-937.61	421.95	1.99	-79.99	-198.30	-41.51	-27.35	8.27	-0.69	-24.34	16.48	3.74	-11.71	19.09	-6.96
MRPC1CB33P25_SIN		0.00	1539.30	-34.61	58.99	205.06	-38.96	0.72	-13.65	-17.04	12.80	-51.63	-7.90	19.30	8.89	-9.75	19.71
MRPC1FB33P25_COS		1813.72	230.61	-156.90	933.40	-317.20	-234.54	-89.81	-98.13	-53.86	18.90	-38.56	30.01	0.92	-14.00	63.50	-13.08
MRPC1FB33P25_SIN		0.00	-92.66	314.61	772.70	25.60	96.51	-76.61	-99.71	-129.09	-75.82	-74.80	11.11	22.65	-1.45	-17.10	55.66
MRPC1TOR25P5_COS		-382.32	-113.08	40.73	-126.53	-114.07	68.40	-14.67	27.29	-1.91	3.03	-0.60	-3.76	6.81	-4.04	-3.31	-17.20
MRPC1TOR25P5_SIN		0.00	-134.85	-124.75	150.20	-148.09	31.05	47.36	18.28	4.52	-24.55	-3.01	3.53	12.67	5.54	12.58	-7.26
MRPLK1LOAD_COS		3.53	-18.13	5.59	-19.15	-16.51	10.99	-2.24	4.08	0.79	0.62	0.35	-2.59	1.61	-0.47	-0.59	-3.65
MRPLK1LOAD_SIN		0.00	-11.71	-17.98	16.37	-21.62	4.59	7.11	2.35	1.52	-4.60	1.85	-1.14	1.68	0.58	2.30	-1.66
PITCHRH_COS		12235.02	-9449.19	-270.70	169.37	143.88	-3854.21	-138.98	-21.02	-141.85	33.79	273.28	49.80	40.56	60.71	-0.69	-40.60
PITCHRH_SIN		0.00	2052.30	-1473.78	-43.07	-43.25	713.39	56.08	-52.10	51.30	3.34	-219.12	74.48	-39.03	-64.67	-24.28	54.66
ROLLRH_COS		4791.69	-1938.53	1551.88	-199.00	353.74	-609.49	-91.04	-95.11	30.25	44.48	99.12	-13.94	11.39	-17.77	-57.31	243.83
ROLLRH_SIN		0.00	-9547.55	-163.66	173.96	232.77	-1690.72	-188.77	6.25	-104.88	-86.21	-105.85	-35.81	-34.36	-64.15	-16.22	417.64
TORQ_COS		100891.39	520.26	-51.71	84.28	-55.70	370.62	-1.86	-20.36	-16.77	-1.36	35.95	-3.99	5.69	-0.98	-7.13	4.32
TORQ_SIN		0.00	1040.69	-66.72	106.94	-254.58	149.80	18.59	-0.94	-27.69	0.37	34.41	3.06	-3.74	3.42	-2.64	1.85
THRUST_COS		5708.53	-172.86	-18.31	34.27	12.15	150.29	3.48	0.35	4.60	-13.54	42.34	-4.32	0.59	-5.95	8.86	-12.90
THRUST_SIN		0.00	-202.26	-25.27	-0.77	30.81	-31.92	10.40	6.46	3.23	-2.38	77.98	-4.96	-1.72	2.13	7.12	-36.57

RUN	POINT	Harmonics															
46	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-131.67	66.71	-40.53	-0.12	-57.28	-8.28	6.05	1.55	-1.58	-1.55	-6.37	0.47	-0.13	0.87	1.05	-7.15
SIDERH_SIN		0.00	234.51	10.61	3.33	13.50	184.98	13.85	0.17	2.33	5.96	-6.19	2.00	1.50	1.53	-0.22	-11.84
DRAGRH_COS		-66.89	234.91	25.33	-2.73	14.55	160.55	13.96	-1.79	-3.60	-0.01	-24.50	-0.55	0.50	-1.98	2.16	1.51
DRAGRH_SIN		0.00	-63.35	11.79	-7.57	-3.36	-403.87	-9.87	-0.02	-6.14	-2.71	4.81	-1.54	1.33	3.09	1.36	-1.95

RUN	POINT	Harmonics															
46	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.78	0.00	0.00	0.00	0.00	0.01	0.08	0.00	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	1.26	0.00	0.00	0.00	-0.01	0.04	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.60	-1.56	-5.72	-6.46	-6.57	1.58	0.36	0.48	-0.04	1.69	-0.07	0.02	-0.16	-0.14	0.03	-0.53
ACT1FORCE_SIN		0.00	20.18	-3.06	8.36	0.29	-1.86	1.09	0.06	0.94	0.24	-0.15	0.07	0.09	0.02	-0.05	-0.39
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.08	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.08	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.67	0.58	43.76	250.26	45.56	-3.47	2.23	0.18	0.09	0.01	0.15	-0.01	0.02	0.01	-0.01	-0.05
FA1IBVOLTAGE_SIN		0.00	-117.96	17.94	167.75	-11.86	18.02	-10.76	-0.13	0.08	0.25	0.04	0.03	0.00	-0.02	-0.03	-0.08
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.07	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.08	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.96	-0.36	-43.76	-251.43	-45.96	3.62	-1.25	-0.01	-0.10	-0.08	-0.16	0.01	0.06	-0.02	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	118.21	-17.59	-167.56	11.59	-18.23	10.62	-0.03	-0.01	-0.30	-0.05	-0.03	-0.02	0.01	0.02	0.05
MRBLD1CB42P75_COS		-566.34	-1379.55	390.15	-33.37	145.65	-251.31	-30.04	-1.32	3.13	-9.01	-6.48	17.11	1.60	-11.51	12.99	-12.59
MRBLD1CB42P75_SIN		0.00	1452.72	-40.22	179.84	258.91	-38.78	-49.49	-1.09	3.49	32.17	-42.63	-15.20	16.13	13.94	-24.40	25.31

RUN	POINT	Harmonics															
46	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4414.94	-1025.19	303.40	-114.20	440.83	-181.17	-6.94	-27.55	0.06	-15.36	-3.79	9.57	3.23	-3.48	8.22	-7.46
MRBLD1CB70_SIN		0.00	1112.71	-217.83	363.37	271.06	-168.27	-146.61	13.32	5.07	41.83	-35.89	-14.74	5.49	8.64	-21.68	26.72
MRBLD1CB120_COS		-259.54	-646.38	243.45	58.73	395.99	-28.32	35.81	-28.52	-6.70	12.19	-1.99	-10.87	1.75	0.79	3.51	-5.21
MRBLD1CB120_SIN		0.00	830.28	-239.77	302.13	246.03	-212.72	-217.20	-34.63	-34.83	-34.26	42.79	15.19	-2.65	-1.55	0.96	2.38
MRBLD1CB164_COS		-1978.71	-214.82	67.68	115.14	103.60	25.21	31.52	-11.21	-2.41	17.80	-6.66	-7.43	-1.47	-0.05	-12.43	5.35
MRBLD1CB164_SIN		0.00	299.87	-83.64	188.42	79.83	-112.56	-88.24	-26.33	-35.55	-48.44	45.68	20.96	1.79	-0.76	14.76	-15.35
MRBLD1FB42P75_COS		2577.75	308.78	-7.96	1399.02	-545.95	-158.48	-152.82	-62.36	-123.76	-49.25	-3.31	11.25	17.91	-4.90	-6.52	36.60
MRBLD1FB42P75_SIN		0.00	-261.47	510.41	343.89	373.15	272.91	-16.06	-91.44	-44.50	-117.33	6.08	-12.49	11.43	15.01	-73.90	41.85
MRBLD1FB70_COS		607.40	104.42	5.06	426.12	-152.99	-41.39	-23.35	0.60	-6.59	2.49	2.51	1.05	-0.75	1.41	1.08	-6.20
MRBLD1FB70_SIN		0.00	-259.84	206.43	122.39	86.44	51.79	-11.01	-8.87	3.00	1.98	3.34	3.44	1.89	-0.51	15.27	-11.31
MRBLD1FB87_COS		74.31	122.69	-22.87	227.66	-96.47	-8.52	3.98	4.76	20.05	9.30	4.67	-1.11	-3.07	1.53	2.32	-8.02
MRBLD1FB87_SIN		0.00	-321.94	153.81	98.09	25.31	4.68	-3.23	4.52	5.93	20.53	0.34	6.03	-1.13	-1.69	18.64	-4.49
MRBLD1FB120_COS		-308.82	163.41	-84.77	215.06	-48.98	9.86	15.41	-8.99	2.90	-9.53	-12.10	-4.68	0.71	-3.08	-2.84	11.82
MRBLD1FB120_SIN		0.00	-468.17	185.39	217.94	27.24	-28.50	20.85	19.00	-3.27	-2.24	-8.04	-10.96	-4.04	-2.70	-28.78	8.28
MRBLD1FB164_COS		35.93	171.25	-86.39	114.38	311.84	67.33	25.09	13.64	-5.92	10.92	8.37	3.91	-4.92	-1.68	1.89	-7.44
MRBLD1FB164_SIN		0.00	-590.15	375.03	128.51	40.15	-55.68	-13.52	-29.16	0.41	11.67	3.06	9.52	2.81	-5.48	12.94	-0.16

RUN	POINT	Harmonics															
46	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-34.10	7.74	-35.60	-18.20	232.93	47.59	13.68	4.92	2.54	23.73	2.64	-18.77	-12.53	-4.43	-3.09	13.12
MRBLD1FB180_SIN		0.00	-406.14	254.81	8.11	3.17	-18.88	-16.42	-24.86	0.00	39.43	7.98	-4.48	-19.42	-9.37	-31.15	7.45
MRBLD1TOR51_COS		-1459.29	192.80	-72.94	57.75	151.26	-83.14	18.71	-17.83	-5.06	6.07	5.76	-0.93	-2.31	1.70	5.00	5.33
MRBLD1TOR51_SIN		0.00	-114.11	186.95	-159.33	83.17	0.75	-38.45	-21.03	-7.34	2.70	3.45	-2.00	-4.53	-3.81	-5.32	-0.26
MRBLD1TOR71_COS		-315.22	205.13	-87.57	15.71	155.77	-58.74	24.98	-15.80	0.03	2.86	8.67	-4.37	-0.47	1.27	2.77	1.23
MRBLD1TOR71_SIN		0.00	-110.06	161.41	-193.88	53.31	0.99	-27.88	-14.56	-0.44	4.09	6.85	-0.75	-5.82	-2.56	-2.49	1.00
MRBLD1TOR130_COS		-50.92	180.11	-74.25	-51.34	174.46	-41.44	20.81	-9.61	-1.75	1.67	11.02	-5.02	1.33	-3.18	-3.19	-6.53
MRBLD1TOR130_SIN		0.00	-75.20	109.07	-212.53	28.28	4.63	-23.97	-13.26	-2.73	-7.71	9.67	2.79	-0.16	2.43	1.26	2.47
MRBLD1TOR164_COS		-264.86	90.62	-33.28	-76.39	72.83	-30.54	2.90	-5.51	1.78	-6.23	7.07	-5.03	1.51	-2.31	2.98	-6.40
MRBLD1TOR164_SIN		0.00	-0.26	15.73	-187.99	-8.94	16.65	-15.01	-8.19	3.28	-1.17	2.17	-1.53	-2.09	-0.42	-3.53	5.30
MRFBM1CB26P5_COS		-1033.46	-736.86	174.90	-61.03	-56.68	-44.09	-3.66	9.38	1.49	2.43	0.30	1.94	-0.35	-1.43	3.99	-1.62
MRFBM1CB26P5_SIN		0.00	584.24	80.97	-126.61	65.03	5.51	16.96	-6.92	-1.74	-7.14	-0.52	0.31	1.32	-0.12	-2.58	1.14
MRFBM1FB9_COS		606.42	-182.47	-83.98	-279.08	75.83	33.18	1.15	-0.15	2.19	-0.90	0.44	-0.65	0.60	0.62	-2.35	1.78
MRFBM1FB9_SIN		0.00	2.51	-260.77	-230.31	-32.86	-9.67	8.33	5.07	5.61	2.54	1.22	0.09	-0.37	0.34	0.65	-1.62
MRFBM1TOR26P5_COS		-110.33	82.19	2.16	-0.49	3.39	-1.20	0.06	0.00	-0.26	0.48	-0.52	0.38	-0.12	0.13	0.00	0.32
MRFBM1TOR26P5_SIN		0.00	-259.54	2.89	-1.03	2.76	-0.63	-0.22	-0.20	-0.10	0.47	-0.34	-0.05	0.15	-0.06	0.08	-0.22

RUN	POINT	Harmonics															
46	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		117.48	-1074.40	328.62	8.71	-50.96	-189.63	-30.92	5.18	-0.42	6.34	-7.92	12.14	5.01	-9.64	15.79	-13.06
MRPC1CB33P25_SIN		0.00	1260.11	3.68	33.81	195.48	33.20	-17.36	-18.23	-13.09	-4.96	-20.03	-9.05	12.06	10.20	-23.73	22.11
MRPC1FB33P25_COS		1821.24	254.11	-143.62	1124.45	-517.00	-202.91	-124.45	-11.23	-69.53	28.72	-3.03	20.29	6.08	-15.64	59.79	-19.16
MRPC1FB33P25_SIN		0.00	-30.57	386.96	532.63	196.04	170.11	-67.08	-108.55	-99.52	-117.22	-0.17	-1.72	20.78	7.33	-50.84	61.46
MRPC1TOR25P5_COS		-379.82	-118.98	48.38	-8.66	-176.31	87.72	-20.02	16.94	7.32	-5.20	5.38	-2.17	5.82	-6.76	-2.18	-19.54
MRPC1TOR25P5_SIN		0.00	-131.07	-195.63	195.34	-84.03	2.24	45.87	20.57	5.33	-12.54	1.84	5.57	6.09	7.22	2.54	13.27
MRPLK1LOAD_COS		3.59	-18.76	6.48	-3.57	-25.50	13.89	-2.92	2.33	2.32	-1.79	2.60	-1.91	1.15	-1.26	-0.46	-4.43
MRPLK1LOAD_SIN		0.00	-11.04	-27.47	22.88	-13.29	0.34	6.45	3.03	1.27	-2.39	1.60	0.34	-0.06	1.16	0.00	2.82
PITCHRH_COS		10899.93	-9418.40	-239.32	180.68	112.88	-3794.62	-192.14	-55.65	-54.71	18.71	282.20	144.19	1.00	40.11	-75.31	-47.18
PITCHRH_SIN		0.00	1967.75	-1364.93	-18.98	-162.72	2985.92	-50.42	-54.02	200.13	37.32	-276.67	0.89	5.30	-87.56	6.67	-16.20
ROLLRH_COS		3018.97	-1928.89	1358.88	-193.72	373.77	-2304.86	-112.20	-25.49	-138.49	7.69	131.18	-9.56	-9.28	-76.84	-83.69	394.57
ROLLRH_SIN		0.00	-9589.45	-22.97	232.27	-36.61	-2635.68	-123.84	51.83	-233.87	-95.61	52.57	19.56	-66.67	-85.28	99.91	266.79
TORQ_COS		101500.11	434.45	-17.71	64.36	-137.88	414.17	8.06	-49.58	-25.48	5.72	7.27	-5.40	1.95	-2.50	-5.33	6.59
TORQ_SIN		0.00	1078.49	-74.03	157.58	-221.39	-53.83	24.52	24.28	-12.38	1.00	-0.54	5.00	-7.76	4.46	0.69	5.57
THRUST_COS		5648.05	-162.96	-22.59	38.87	17.19	163.83	3.42	-6.41	4.98	-11.67	56.78	-2.70	-2.42	-2.19	4.94	2.46
THRUST_SIN		0.00	-215.92	-8.95	7.59	27.98	-93.69	8.78	17.14	-0.23	3.73	22.17	-0.68	-0.88	8.88	-5.57	-28.68

RUN	POINT	Harmonics															
46	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.63	65.84	-31.84	0.22	-34.75	200.56	9.10	3.09	4.03	1.30	-9.31	1.92	0.86	2.15	1.59	-11.68
SIDERH_SIN		0.00	232.71	-0.55	6.40	53.44	189.69	13.01	-0.80	4.54	5.80	-6.55	-0.57	2.05	2.12	-2.55	-6.84
DRAGRH_COS		-74.76	234.36	22.52	-5.31	9.51	-158.68	-0.07	-3.26	-5.90	-2.94	-25.23	-4.35	1.50	0.13	4.92	4.97
DRAGRH_SIN		0.00	-62.27	14.53	-8.30	-5.86	-384.83	-16.71	-7.04	-1.47	-5.71	15.19	-1.68	0.67	4.03	-2.97	2.83

RUN	POINT	Harmonics															
46	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	1.31	0.00	0.00	0.00	-0.02	0.02	-0.02	0.00	0.02	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.69	0.00	0.00	0.00	-0.02	0.01	-0.08	0.00	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-23.96	-1.66	-6.94	-0.76	-6.72	0.39	0.23	0.12	0.33	0.19	0.34	0.43	0.00	0.02	-0.06	0.27
ACT1FORCE_SIN		0.00	19.91	-4.57	9.81	3.19	-2.20	0.97	-0.76	0.35	-1.91	0.16	0.31	0.20	0.02	0.26	0.33
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.03	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.11	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		372.04	0.92	52.21	294.62	40.01	7.63	-1.77	-0.11	0.11	0.15	0.04	0.06	0.02	-0.04	-0.05	0.06
FA1IBVOLTAGE_SIN		0.00	-115.78	25.46	26.10	-30.04	13.69	-12.91	-0.17	-0.01	0.01	-0.03	0.08	-0.09	-0.09	0.00	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.03	0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		433.60	-0.75	-52.15	-295.49	-40.54	-7.55	2.18	0.06	-0.06	-0.20	-0.07	-0.08	-0.05	0.00	0.04	-0.09
FA1OBVOLTAGE_SIN		0.00	115.97	-25.30	-25.80	29.99	-13.96	12.06	-0.11	-0.03	0.01	0.09	-0.09	0.03	0.08	0.01	0.01
MRBLD1CB42P75_COS		-539.64	-1466.65	345.25	16.73	122.39	-220.14	-49.94	45.15	-15.75	-13.59	33.69	4.56	-0.61	-4.45	-13.57	-7.62
MRBLD1CB42P75_SIN		0.00	1237.55	12.21	154.84	100.42	37.99	-71.13	-36.62	24.36	20.75	-49.62	-13.74	8.69	13.89	-25.19	32.75

RUN	POINT	Harmonics															
46	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4432.33	-1079.75	242.30	-13.00	351.61	-229.40	-107.20	21.50	-9.02	-12.36	-2.31	5.22	-2.02	2.72	-9.91	-9.84
MRBLD1CB70_SIN		0.00	957.80	-186.33	338.54	-10.92	-132.89	-182.05	2.59	25.66	36.46	-46.85	-11.62	0.82	8.48	-24.17	42.37
MRBLD1CB120_COS		-251.65	-666.02	196.05	132.82	279.81	-137.20	-109.56	-4.77	7.33	3.36	-7.14	-3.00	3.76	-0.60	5.54	-4.47
MRBLD1CB120_SIN		0.00	756.01	-219.98	255.75	39.34	-244.09	-256.82	-14.76	-33.68	-44.49	40.99	14.25	-0.29	0.80	-1.47	3.58
MRBLD1CB164_COS		-1972.87	-219.59	50.68	165.57	45.64	-41.81	-32.70	-22.77	12.10	9.71	3.09	-2.85	3.27	-2.26	-3.25	10.33
MRBLD1CB164_SIN		0.00	281.07	-87.61	146.62	28.54	-155.12	-115.16	0.86	-47.36	-56.15	54.15	16.66	6.85	-1.74	19.52	-25.60
MRBLD1FB42P75_COS		2580.77	339.02	54.30	1373.56	-565.23	-89.77	-147.19	-21.82	-127.91	-113.61	82.35	-0.39	11.96	7.90	-42.74	43.48
MRBLD1FB42P75_SIN		0.00	-213.45	555.37	64.76	709.03	303.18	28.15	-211.94	-11.63	-136.47	-51.10	6.08	-2.86	15.93	-44.56	36.31
MRBLD1FB70_COS		612.01	102.87	20.63	439.53	-171.43	-24.41	-27.43	8.20	-7.17	-1.96	2.12	1.57	-0.69	-0.15	8.58	-9.93
MRBLD1FB70_SIN		0.00	-253.23	217.38	26.08	176.37	59.54	-5.19	-31.35	7.34	0.47	1.91	3.06	2.94	-0.90	8.88	-8.86
MRBLD1FB87_COS		78.74	120.72	-14.26	248.41	-105.34	-8.34	3.31	-0.13	21.25	20.92	-15.90	2.73	-1.64	-1.36	10.04	-8.48
MRBLD1FB87_SIN		0.00	-313.51	152.79	40.29	73.76	0.99	-6.67	15.47	-0.43	25.30	12.72	1.34	2.42	-1.57	12.11	-4.11
MRBLD1FB120_COS		-306.43	156.11	-73.24	251.75	-39.22	-12.56	18.09	-18.98	0.84	-1.92	-5.18	-7.99	-0.10	0.27	-14.27	14.10
MRBLD1FB120_SIN		0.00	-462.79	174.26	156.39	39.90	-39.23	7.97	51.88	-10.10	-1.72	-7.44	-8.47	-8.21	-2.16	-19.02	6.65
MRBLD1FB164_COS		33.70	167.86	-15.15	54.17	341.29	63.26	24.33	34.49	-5.73	6.56	-5.11	9.13	-3.36	-6.52	7.81	-4.93
MRBLD1FB164_SIN		0.00	-600.33	407.59	136.55	-126.31	-53.13	-5.07	-74.73	9.37	10.74	8.84	5.61	7.97	-4.36	6.04	-0.17

RUN	POINT	Harmonics															
46	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-37.15	6.91	22.23	-83.11	240.63	54.68	16.54	20.51	-0.13	40.77	-33.59	-15.45	-12.98	-2.85	-14.53	15.63
MRBLD1FB180_SIN		0.00	-416.14	283.64	54.19	-118.16	-18.92	-5.29	-61.00	-1.25	38.72	37.16	-6.18	-17.93	-10.25	-19.80	7.20
MRBLD1TOR51_COS		-1459.95	196.88	-43.74	-51.94	162.51	-90.95	28.20	-10.95	-11.21	-2.95	-0.78	0.89	-0.82	1.48	5.70	-0.48
MRBLD1TOR51_SIN		0.00	-125.17	246.70	-140.18	9.25	35.64	-28.44	-36.58	-3.61	-0.20	-1.62	-5.16	-2.53	-4.70	-5.87	-0.52
MRBLD1TOR71_COS		-316.17	210.50	-59.30	-91.50	168.96	-66.27	34.88	-14.30	-4.07	-3.76	-0.64	-0.48	-0.29	1.31	2.19	0.97
MRBLD1TOR71_SIN		0.00	-115.96	213.43	-164.31	-18.32	29.09	-18.60	-23.58	0.04	5.78	0.13	-3.99	-3.90	-3.41	-2.22	1.72
MRBLD1TOR130_COS		-53.12	187.10	-45.10	-159.62	184.72	-43.31	25.60	-4.45	-5.46	-4.41	15.80	-2.94	0.06	-1.88	-6.62	1.00
MRBLD1TOR130_SIN		0.00	-81.19	156.46	-163.84	-50.38	26.09	-16.25	-21.02	-0.30	-6.48	3.94	1.35	-1.25	3.14	2.94	4.20
MRBLD1TOR164_COS		-265.65	98.62	-21.98	-148.70	63.67	-25.98	4.61	-5.72	1.78	-3.80	3.94	-2.37	0.28	-1.44	-3.83	1.30
MRBLD1TOR164_SIN		0.00	-4.06	44.18	-145.05	-38.95	27.34	-9.40	-9.72	2.54	7.11	-1.80	-1.53	-2.73	1.26	-4.33	6.86
MRFBM1CB26P5_COS		-997.28	-769.43	166.43	-90.32	-10.36	-30.37	16.22	7.53	-0.23	-0.30	12.34	-0.12	0.83	-1.30	0.80	0.66
MRFBM1CB26P5_SIN		0.00	466.22	105.11	-111.84	67.39	26.54	20.74	-14.71	-2.62	-8.96	1.88	0.30	1.10	-0.08	-2.84	-0.52
MRFBM1FB9_COS		596.11	-111.57	-114.83	-300.96	90.03	30.11	0.77	-7.10	3.99	-0.34	-1.88	-0.06	0.31	0.62	-1.28	1.56
MRFBM1FB9_SIN		0.00	53.80	-305.89	-159.73	-64.04	-14.56	12.46	8.23	4.63	4.90	-0.30	0.54	-0.06	-0.06	1.65	-1.81
MRFBM1TOR26P5_COS		-110.24	82.33	2.58	-1.12	4.62	-1.68	0.72	0.00	-0.27	0.44	-0.70	0.21	-0.01	0.05	0.25	-0.07
MRFBM1TOR26P5_SIN		0.00	-263.75	3.45	-0.91	0.57	0.20	-0.10	-0.41	0.08	0.10	-0.02	-0.02	0.19	-0.08	0.01	-0.32

RUN	POINT	Harmonics															
46	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		116.80	-1162.96	300.39	12.50	-46.59	-138.07	-33.14	33.19	-11.15	-4.11	37.40	2.26	4.86	-4.71	-8.66	-7.90
MRPC1CB33P25_SIN		0.00	1090.36	49.68	20.26	161.42	90.18	-32.79	-52.06	4.61	-19.20	-25.14	-5.70	4.04	11.55	-24.67	28.49
MRPC1FB33P25_COS		1825.20	274.23	-105.04	1157.10	-611.32	-155.81	-138.95	71.23	-88.38	-10.35	94.23	0.72	12.31	-7.48	10.52	-6.98
MRPC1FB33P25_SIN		0.00	11.37	431.77	295.52	466.06	213.40	-26.64	-189.20	-72.95	-164.69	7.52	3.24	6.96	16.50	-62.73	65.71
MRPC1TOR25P5_COS		-377.49	-123.83	15.55	113.85	-196.50	99.12	-32.12	14.26	12.89	2.97	19.84	-1.38	2.26	-4.10	-14.51	1.96
MRPC1TOR25P5_SIN		0.00	-127.36	-256.96	167.70	-0.02	-33.81	33.93	35.88	1.49	-7.42	2.07	8.15	2.20	9.81	4.23	17.96
MRPLK1LOAD_COS		4.11	-19.36	1.98	12.78	-28.84	15.68	-4.93	1.85	3.07	-0.65	4.69	-0.95	0.18	-0.64	-3.29	0.55
MRPLK1LOAD_SIN		0.00	-10.56	-35.50	19.52	-1.78	-5.21	4.37	5.58	0.45	-0.60	0.47	0.45	-0.69	1.55	0.55	4.04
PITCHRH_COS		9798.94	-9399.62	-163.35	185.91	36.03	-2581.85	-162.43	-54.80	103.28	26.77	222.45	85.44	20.60	-60.60	-37.28	-101.41
PITCHRH_SIN		0.00	1950.46	-1202.89	-28.55	-171.13	5032.25	193.96	-40.31	114.29	88.95	-400.02	-99.17	24.51	-135.74	84.10	-50.46
ROLLRH_COS		1832.69	-1959.37	1224.84	-144.98	196.72	-4148.27	-138.47	11.49	-222.44	-63.60	250.16	62.79	-84.18	-146.67	70.57	241.33
ROLLRH_SIN		0.00	-9557.27	140.23	248.65	-203.91	-2617.48	-126.68	28.91	-84.05	-76.42	-1.02	31.81	-17.28	30.01	111.62	138.38
TORQ_COS		102119.27	404.81	-1.08	75.72	-128.86	325.89	10.13	-41.28	-11.72	5.70	-45.66	-1.70	-0.76	0.09	0.90	4.58
TORQ_SIN		0.00	1111.65	-82.92	180.83	-96.94	-266.02	23.71	68.33	0.13	-7.19	5.16	4.49	-0.10	7.80	-0.01	-1.88
THRUST_COS		5612.02	-163.44	-18.09	40.65	17.58	146.21	7.58	4.72	3.95	-3.99	11.65	4.59	1.22	7.13	-8.16	6.13
THRUST_SIN		0.00	-223.90	6.92	3.74	15.60	-157.87	10.53	32.27	-7.50	0.82	-13.80	-12.05	0.30	0.37	-3.96	-52.31

RUN	POINT	Harmonics															
46	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.41	67.83	-25.00	5.67	2.55	379.86	21.89	-1.47	4.99	4.06	-9.94	-0.58	2.28	3.96	-2.21	-6.45
SIDERH_SIN		0.00	231.77	-11.30	10.34	57.69	88.31	9.12	-0.55	-0.92	3.79	-1.38	-2.42	-0.50	-1.11	-2.70	-2.99
DRAGRH_COS		-83.64	234.46	20.05	-7.57	1.64	-399.39	-11.23	-5.44	1.74	-5.63	-13.80	-3.21	-1.29	3.73	-0.35	11.33
DRAGRH_SIN		0.00	-62.33	18.09	-3.59	-3.15	-212.97	-46.91	-1.24	5.38	-5.49	25.95	3.52	-0.16	4.09	-4.80	1.35

RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.48	0.00	0.00	0.00	-0.03	0.00	-0.09	0.01	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.01	0.01	0.01	-0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.63	-1.92	-8.53	5.13	-5.46	-0.87	0.67	-0.77	0.10	-2.08	0.58	0.28	0.09	-0.09	0.20	-0.17
ACT1FORCE_SIN		0.00	19.39	-5.57	8.32	5.60	-1.98	1.09	-0.56	0.06	-0.23	-0.27	-0.16	0.17	-0.02	-0.02	-0.81
FA1IBCURRENT_COS		-0.01	-0.01	0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.10	-0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		369.22	2.42	60.60	260.69	29.31	12.06	-7.40	-0.27	0.04	-0.15	0.01	0.01	-0.08	-0.04	0.07	0.11
FA1IBVOLTAGE_SIN		0.00	-111.90	31.75	-119.21	-41.47	5.01	-10.97	0.02	-0.03	-0.23	-0.07	-0.07	0.02	-0.08	-0.04	-0.15
FA1OBCURRENT_COS		0.02	0.01	-0.01	0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.10	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		436.39	-2.29	-60.55	-261.23	-29.73	-12.14	6.94	0.02	-0.07	0.11	0.03	-0.03	0.04	0.04	-0.07	-0.10
FA1OBVOLTAGE_SIN		0.00	112.04	-31.75	119.78	41.70	-5.32	10.23	-0.16	-0.05	0.27	0.13	0.07	0.04	0.10	0.05	0.15
MRBLD1CB42P75_COS		-507.89	-1757.16	319.68	29.57	22.07	-130.08	-90.79	76.51	-1.99	-12.81	75.64	-0.26	-4.50	0.71	-25.10	-1.73
MRBLD1CB42P75_SIN		0.00	992.09	86.94	119.07	-8.07	98.11	-68.99	-75.84	54.29	14.70	-68.68	-37.47	9.28	10.54	-8.99	32.52

RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4450.46	-1266.15	195.03	45.66	153.08	-194.82	-220.28	60.24	4.64	-2.77	2.10	2.03	-6.47	6.38	-24.25	3.16
MRBLD1CB70_SIN		0.00	786.56	-115.95	264.89	-152.39	-73.87	-145.64	-36.97	46.77	30.83	-41.17	-30.62	4.24	2.21	-13.14	50.41
MRBLD1CB120_COS		-248.77	-741.44	150.67	162.88	87.31	-172.52	-256.39	28.09	3.91	-12.54	-33.82	1.03	4.98	0.63	4.60	-2.69
MRBLD1CB120_SIN		0.00	675.29	-162.34	180.10	-31.19	-218.62	-206.42	-31.74	-48.62	-27.85	39.09	22.57	-2.89	2.27	-3.60	3.96
MRBLD1CB164_COS		-1969.71	-236.42	30.52	181.65	-22.27	-84.24	-95.16	-17.20	3.14	-9.90	-0.46	-2.04	9.89	-1.84	9.22	2.13
MRBLD1CB164_SIN		0.00	257.16	-71.79	91.21	27.11	-158.40	-103.07	17.01	-72.91	-42.00	42.60	24.98	1.02	2.44	16.42	-35.02
MRBLD1FB42P75_COS		2589.56	413.06	133.46	1171.80	-487.19	-20.67	-133.49	-12.85	-114.74	-153.41	93.23	3.37	5.98	12.05	-37.96	44.23
MRBLD1FB42P75_SIN		0.00	-172.45	551.88	-113.57	912.69	293.63	52.86	-320.12	10.47	-75.24	-143.73	0.74	-5.63	11.84	-5.80	32.67
MRBLD1FB70_COS		619.54	100.43	45.96	390.35	-161.70	-4.20	-30.37	9.98	-4.27	-5.06	1.28	1.09	-0.37	-0.82	7.01	-8.92
MRBLD1FB70_SIN		0.00	-248.59	213.55	-42.61	237.66	58.43	0.64	-51.38	10.61	3.87	0.45	2.05	2.86	-1.13	0.88	-6.85
MRBLD1FB87_COS		83.91	118.19	0.17	230.85	-95.29	-10.09	1.17	-1.60	18.39	28.45	-20.56	3.03	-0.90	-2.78	8.52	-9.68
MRBLD1FB87_SIN		0.00	-307.37	141.94	-7.14	109.24	0.62	-9.06	26.13	-4.64	15.56	34.32	2.99	3.26	-0.12	3.69	-4.06
MRBLD1FB120_COS		-302.41	149.13	-57.90	247.12	-15.06	-38.62	20.59	-19.41	-5.42	1.26	0.34	-8.25	-1.02	2.11	-11.47	15.27
MRBLD1FB120_SIN		0.00	-456.17	149.35	86.52	48.06	-38.64	-4.80	81.94	-12.85	-9.95	-11.59	-8.01	-9.44	-3.11	-6.25	6.14
MRBLD1FB164_COS		36.12	156.11	64.19	-3.66	303.68	53.21	23.40	37.12	-1.66	1.56	-9.86	10.63	-1.19	-9.36	5.18	-4.55
MRBLD1FB164_SIN		0.00	-595.60	388.99	162.26	-244.37	-62.82	4.66	-115.48	15.14	13.71	18.85	5.76	9.47	-1.56	-2.46	-2.28

RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-35.56	-0.35	84.13	-123.25	199.67	61.09	12.11	22.35	-2.12	43.96	-38.93	-12.43	-11.80	-0.44	-11.19	16.37
MRBLD1FB180_SIN		0.00	-414.23	277.28	113.20	-201.27	-27.85	9.05	-97.26	0.99	21.17	76.77	0.65	-20.22	-9.69	-6.51	7.59
MRBLD1TOR51_COS		-1459.68	190.26	10.89	-143.05	130.43	-71.37	41.77	-4.47	-8.32	-3.15	-8.87	-5.19	1.84	1.69	2.14	-4.40
MRBLD1TOR51_SIN		0.00	-136.84	280.83	-63.97	-68.69	73.00	-34.26	-51.08	-3.44	13.23	3.06	-5.57	-5.12	-3.35	-6.93	4.16
MRBLD1TOR71_COS		-315.80	209.20	-8.55	-172.93	141.70	-52.48	49.48	-10.78	-2.48	-0.50	-11.29	-6.15	0.89	1.32	0.97	-1.69
MRBLD1TOR71_SIN		0.00	-122.78	241.54	-81.21	-92.12	60.58	-24.49	-31.94	-2.21	18.35	5.75	-5.06	-5.39	-2.46	-1.73	1.38
MRBLD1TOR130_COS		-54.07	188.05	3.38	-230.09	153.94	-30.58	34.98	2.29	-4.16	-4.27	16.03	-5.51	-2.73	-1.31	-4.18	2.60
MRBLD1TOR130_SIN		0.00	-89.03	181.56	-67.00	-123.09	47.67	-18.52	-31.04	0.18	3.65	0.81	-1.68	-0.77	2.45	6.19	-2.14
MRBLD1TOR164_COS		-265.74	102.62	0.63	-188.24	39.91	-15.66	9.14	-2.64	2.01	3.08	0.75	-1.82	-1.96	-0.98	-3.95	5.57
MRBLD1TOR164_SIN		0.00	-10.90	63.70	-70.71	-65.49	38.77	-10.51	-12.65	1.65	8.80	-0.36	-3.12	-0.84	0.65	0.67	2.01
MRFBM1CB26P5_COS		-950.52	-923.23	163.03	-106.95	23.17	-13.10	33.73	4.73	-0.93	-3.41	22.87	0.24	1.39	-1.58	0.54	-0.81
MRFBM1CB26P5_SIN		0.00	319.74	133.96	-80.97	41.69	41.17	12.80	-13.32	-1.05	-7.73	-5.62	1.07	0.62	0.98	-0.63	-2.71
MRFBM1FB9_COS		592.56	13.79	-166.15	-271.20	90.64	25.00	3.20	-12.73	4.43	1.85	-4.49	-0.40	0.20	0.45	-0.10	1.49
MRFBM1FB9_SIN		0.00	69.04	-324.61	-96.77	-84.10	-16.50	16.17	12.96	3.10	5.07	0.06	1.31	-0.16	-0.06	1.52	-2.03
MRFBM1TOR26P5_COS		-110.07	82.43	3.23	-1.61	4.44	-1.36	1.17	-0.19	-0.18	0.26	-0.71	0.24	0.17	0.04	0.18	-0.14
MRFBM1TOR26P5_SIN		0.00	-263.53	3.72	-0.58	-1.91	1.05	-0.25	-0.44	0.15	-0.11	0.16	0.17	0.10	-0.03	-0.20	-0.01

RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		133.80	-1409.34	283.39	-0.67	-72.77	-53.47	-49.77	51.15	0.16	-15.36	74.08	-0.17	1.79	-0.71	-18.78	-2.95
MRPC1CB33P25_SIN		0.00	907.47	102.21	20.14	121.81	117.78	-39.35	-81.35	26.36	-18.20	-55.37	-16.71	3.09	11.18	-9.63	27.61
MRPC1FB33P25_COS		1832.13	331.35	-46.20	1025.25	-597.38	-95.95	-138.83	122.81	-86.15	-70.48	157.99	6.38	11.31	-2.26	-18.83	-2.94
MRPC1FB33P25_SIN		0.00	50.53	442.26	111.28	649.89	223.15	0.56	-273.64	-48.03	-140.05	-53.52	0.64	3.47	17.73	-32.77	61.63
MRPC1TOR25P5_COS		-375.69	-120.94	-42.30	210.25	-166.31	82.45	-48.99	12.43	9.92	3.18	32.25	4.40	-3.93	-3.55	-10.79	9.09
MRPC1TOR25P5_SIN		0.00	-116.98	-291.66	78.64	89.12	-74.23	40.56	47.60	2.30	-17.99	-7.91	4.04	6.79	7.78	14.63	1.00
MRPLK1LOAD_COS		4.67	-19.05	-5.78	25.91	-25.01	12.98	-7.44	1.94	2.46	-0.05	6.03	-0.32	-1.32	-0.57	-2.30	1.70
MRPLK1LOAD_SIN		0.00	-9.31	-39.90	7.80	10.76	-11.19	4.93	7.39	0.37	-1.35	-1.15	-0.93	0.25	1.09	2.91	-0.04
PITCHRH_COS		7659.31	-9391.10	-28.31	164.31	-73.81	-640.17	-154.56	-39.78	-58.31	64.27	119.04	-1.71	18.47	-139.78	133.17	-307.52
PITCHRH_SIN		0.00	1891.62	-1073.94	-28.86	-139.94	5889.70	362.63	-104.99	-38.55	34.81	-465.86	-136.89	21.86	-46.41	31.90	-72.59
ROLLRH_COS		1250.28	-1969.76	1224.39	-86.90	29.00	-5368.32	-164.20	114.31	44.31	-96.60	177.95	131.16	-71.88	15.79	76.97	18.88
ROLLRH_SIN		0.00	-9493.60	264.07	333.63	-169.78	-1865.05	-45.02	-8.38	98.89	65.26	-201.11	-57.42	100.03	51.81	-11.30	156.68
TORQ_COS		103003.69	399.14	14.62	101.38	-43.91	142.57	16.29	-20.02	-4.54	-0.11	-84.34	-4.80	8.00	1.39	-0.38	-2.37
TORQ_SIN		0.00	1134.88	-85.45	185.52	-39.62	-437.70	25.10	62.95	-6.48	-11.49	46.92	-1.33	0.63	4.52	-4.70	2.40
THRUST_COS		5598.57	-166.16	-2.24	41.76	8.18	88.06	9.38	13.85	-0.78	-3.81	-34.40	-15.56	-2.04	-3.15	-4.51	-23.56
THRUST_SIN		0.00	-231.97	17.71	-3.33	12.81	-198.77	12.05	27.69	-6.73	1.31	13.29	-22.89	-1.47	-1.29	9.48	-57.85

RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.47	65.94	-27.39	8.60	18.65	456.75	24.62	-4.70	-3.02	4.00	-3.93	-4.65	0.86	-0.72	-2.19	0.77
SIDERH_SIN		0.00	232.31	-16.71	6.07	32.16	-66.55	3.04	1.50	-5.57	-2.07	4.43	-1.11	-3.47	-1.99	0.43	-4.24
DRAGRH_COS		-97.56	234.63	14.08	-6.89	3.17	-511.14	-29.93	-1.71	11.51	-9.20	-0.47	-1.08	-0.87	5.57	-6.77	17.54
DRAGRH_SIN		0.00	-60.74	21.62	-0.96	1.79	12.83	-48.96	3.69	0.26	-2.01	26.43	7.00	2.44	1.10	0.62	-2.23

RUN	POINT	Harmonics															
46	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.25	0.00	0.00	0.00	-0.01	0.00	0.02	0.01	0.01	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.79	0.00	0.00	0.00	0.01	0.01	0.10	-0.01	0.00	0.01	0.00	-0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.98	-1.92	-10.57	9.85	-3.06	-1.78	1.23	-0.99	0.03	-0.21	0.23	0.21	0.10	-0.12	-0.24	-0.43
ACT1FORCE_SIN		0.00	19.32	-5.60	3.95	7.29	-1.57	0.83	0.19	-0.10	2.33	-0.52	0.14	0.08	0.19	-0.13	0.48
FA1IBCURRENT_COS		-0.01	-0.01	0.01	-0.07	-0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.07	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.22	2.06	74.17	154.39	14.53	11.39	-11.75	-0.22	0.00	-0.28	-0.08	-0.03	0.05	0.01	0.05	-0.07
FA1IBVOLTAGE_SIN		0.00	-112.70	33.16	-228.02	-50.26	2.20	-5.99	0.19	-0.11	0.09	-0.06	-0.02	0.13	-0.03	-0.10	-0.10
FA1OBCURRENT_COS		0.02	0.01	-0.01	0.07	0.02	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.07	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.38	-1.93	-74.24	-154.24	-14.67	-11.67	11.01	-0.03	-0.09	0.27	0.10	0.04	0.01	0.00	-0.04	0.06
FA1OBVOLTAGE_SIN		0.00	112.85	-33.18	228.86	50.71	-2.42	5.98	-0.04	0.07	-0.02	0.04	0.04	-0.13	0.01	0.09	0.08
MRBLD1CB42P75_COS		-486.81	-1869.24	344.59	25.04	-73.26	-17.31	-129.18	55.95	28.76	-25.23	68.13	-50.25	-5.99	0.22	-20.52	4.86
MRBLD1CB42P75_SIN		0.00	991.22	143.08	63.88	-28.74	118.62	-31.25	-131.81	47.86	14.26	-99.73	-30.34	9.47	6.50	-1.29	28.85

RUN	POINT	Harmonics															
46	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4464.86	-1345.48	194.67	75.24	-24.06	-109.99	-290.14	45.47	28.18	-10.33	-7.39	-36.32	-6.67	1.64	-22.13	19.14
MRBLD1CB70_SIN		0.00	769.43	-53.36	164.00	-144.18	6.71	-33.64	-95.47	34.15	27.22	-46.42	-24.64	7.13	-1.44	-3.73	43.69
MRBLD1CB120_COS		-248.75	-774.52	144.35	170.24	-46.54	-157.73	-338.30	33.75	-13.54	9.66	-38.55	21.58	1.51	1.01	2.87	-1.92
MRBLD1CB120_SIN		0.00	650.16	-112.21	98.00	14.10	-113.77	-75.55	-68.83	-51.71	-12.79	61.42	15.54	-2.84	3.66	-3.52	5.59
MRBLD1CB164_COS		-1969.14	-245.95	20.56	173.94	-54.86	-106.95	-135.75	-1.58	-27.05	9.97	1.67	17.51	5.61	1.97	9.30	-12.70
MRBLD1CB164_SIN		0.00	245.91	-55.92	32.20	65.30	-108.82	-59.34	25.10	-72.42	-27.83	54.10	20.70	-4.86	3.40	9.95	-32.19
MRBLD1FB42P75_COS		2575.50	441.70	193.83	915.69	-269.03	21.68	-118.48	-98.86	-82.52	-111.50	67.74	-13.72	2.80	17.16	-16.22	53.14
MRBLD1FB42P75_SIN		0.00	-173.30	509.00	-200.03	989.34	269.05	70.41	-427.45	17.81	-46.74	-174.72	2.75	-11.34	7.82	3.96	18.50
MRBLD1FB70_COS		623.17	100.83	60.43	315.28	-102.78	10.17	-31.30	-6.46	-0.16	-3.67	-0.85	0.67	-0.08	-1.65	3.37	-9.93
MRBLD1FB70_SIN		0.00	-238.85	200.26	-90.97	270.88	54.28	10.27	-70.03	10.60	6.77	0.77	2.79	3.23	-0.61	0.28	-4.55
MRBLD1FB87_COS		89.92	118.28	2.13	193.01	-61.72	-12.21	-0.34	6.74	13.02	21.96	-14.82	8.73	0.25	-3.63	3.79	-11.90
MRBLD1FB87_SIN		0.00	-295.72	129.70	-47.78	129.66	0.39	-9.56	36.65	-5.02	10.41	42.16	0.08	5.17	1.00	1.42	-0.97
MRBLD1FB120_COS		-294.88	146.39	-62.16	211.16	6.12	-59.91	16.74	5.12	-10.00	-4.20	1.64	-10.87	-2.19	3.18	-4.61	18.58
MRBLD1FB120_SIN		0.00	-439.39	127.82	23.58	49.77	-30.13	-17.13	106.38	-9.28	-13.74	-16.18	-5.98	-11.05	-4.68	-3.28	1.72
MRBLD1FB164_COS		41.53	143.09	112.69	-22.80	199.28	41.34	34.51	5.99	4.15	0.94	-10.02	15.46	1.75	-10.04	-0.14	-6.17
MRBLD1FB164_SIN		0.00	-575.80	333.46	202.88	-311.51	-66.56	8.53	-145.50	17.14	17.69	24.44	1.29	10.46	1.71	-4.23	-2.03

RUN	POINT	Harmonics															
46	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-32.79	-8.53	127.60	-116.56	114.90	62.93	20.05	-6.38	-1.73	29.86	-28.11	1.50	-13.82	1.76	-2.36	21.71
MRBLD1FB180_SIN		0.00	-401.79	239.25	177.78	-245.67	-35.38	20.39	-123.82	4.03	17.79	89.65	-4.35	-17.98	-13.44	-4.70	3.63
MRBLD1TOR51_COS		-1463.77	185.41	78.33	-184.11	68.12	-34.13	39.74	-14.29	-12.12	16.25	-11.29	-5.87	0.55	4.37	-0.34	1.40
MRBLD1TOR51_SIN		0.00	-147.40	283.07	49.48	-121.84	96.59	-45.17	-68.94	-11.70	12.30	11.47	-0.21	-7.94	-3.22	-2.57	8.85
MRBLD1TOR71_COS		-319.14	206.60	51.46	-202.77	81.12	-23.20	49.61	-17.73	-8.15	18.31	-14.51	-5.97	-0.90	3.43	0.76	-0.09
MRBLD1TOR71_SIN		0.00	-131.66	241.71	33.82	-143.18	80.47	-37.37	-42.12	-10.37	15.09	15.48	0.50	-6.32	-1.81	-0.21	5.18
MRBLD1TOR130_COS		-57.80	185.82	59.93	-243.88	87.34	-6.67	34.84	-3.49	-6.38	8.43	12.58	-9.07	-4.16	-1.63	-1.11	-2.20
MRBLD1TOR130_SIN		0.00	-99.39	180.19	55.56	-170.52	59.50	-26.32	-44.40	-3.70	2.02	1.75	1.33	1.61	3.11	3.01	-3.72
MRBLD1TOR164_COS		-267.94	103.83	32.46	-187.91	7.12	-1.16	7.33	-4.19	0.55	5.37	-1.48	-2.62	-1.94	-2.31	-0.57	2.75
MRBLD1TOR164_SIN		0.00	-22.29	69.76	16.74	-77.46	43.56	-13.78	-18.28	0.06	2.94	0.89	-3.07	2.05	0.98	-1.01	-2.58
MRFBM1CB26P5_COS		-925.31	-1002.50	176.14	-109.97	34.12	6.17	40.17	2.26	0.48	-2.79	24.34	0.30	1.39	-0.36	1.54	-2.80
MRFBM1CB26P5_SIN		0.00	318.82	153.80	-50.36	3.73	35.96	-5.38	-11.34	0.26	-6.37	-11.58	0.60	-0.53	1.72	-0.22	-1.60
MRFBM1FB9_COS		574.65	57.31	-213.01	-219.30	71.75	20.31	8.41	-13.61	3.28	2.23	-5.10	0.87	-0.24	0.39	0.26	0.75
MRFBM1FB9_SIN		0.00	33.17	-314.66	-50.75	-97.41	-16.88	16.80	21.79	1.70	3.59	1.22	2.14	0.17	-0.09	0.82	-2.30
MRFBM1TOR26P5_COS		-109.94	82.05	3.85	-1.89	3.06	-0.71	1.32	-0.33	-0.14	0.06	-0.49	0.38	0.20	0.08	0.03	0.05
MRFBM1TOR26P5_SIN		0.00	-263.79	3.73	0.09	-3.91	1.59	-0.47	-0.39	0.09	0.01	0.20	0.08	-0.08	-0.08	-0.08	0.04

RUN	POINT	Harmonics															
46	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		151.69	-1484.98	309.70	-19.49	-87.22	26.14	-70.82	31.52	23.77	-19.34	66.69	-27.74	-0.32	1.16	-13.30	1.73
MRPC1CB33P25_SIN		0.00	919.55	134.42	10.80	108.82	100.28	-30.50	-120.32	25.98	-10.15	-81.65	-11.28	2.73	9.60	-2.87	25.07
MRPC1FB33P25_COS		1820.50	353.46	6.80	830.34	-436.00	-55.57	-132.63	96.41	-61.47	-54.98	157.56	-9.66	13.38	3.06	-12.66	11.43
MRPC1FB33P25_SIN		0.00	50.62	416.21	-9.39	763.68	215.80	23.22	-394.65	-28.40	-96.52	-90.72	-7.30	-2.80	18.54	-10.40	61.21
MRPC1TOR25P5_COS		-370.48	-117.66	-113.07	249.63	-98.02	44.98	-48.74	22.84	15.38	-15.22	30.79	-0.62	-4.06	-6.68	-1.82	-3.54
MRPC1TOR25P5_SIN		0.00	-105.80	-293.35	-49.87	153.46	-101.08	53.84	60.02	11.71	-16.13	-19.45	0.06	12.89	8.65	7.15	-5.39
MRPLK1LOAD_COS		5.52	-18.80	-15.24	31.55	-15.78	7.36	-7.72	3.73	3.06	-1.76	5.01	-1.60	-1.54	-1.07	-0.25	-1.07
MRPLK1LOAD_SIN		0.00	-7.82	-40.00	-9.28	20.17	-15.00	6.42	9.04	1.69	-1.53	-2.57	-1.03	1.84	1.53	1.19	-0.85
PITCHRH_COS		6859.41	-9406.86	179.73	192.75	-134.64	1271.66	-107.43	-69.26	-41.94	95.05	4.30	-79.69	34.88	-54.74	72.98	-416.55
PITCHRH_SIN		0.00	1892.10	-1074.32	-35.26	-122.54	5235.76	289.14	-82.79	72.26	-1.86	-463.85	-79.82	50.01	76.06	-119.58	96.90
ROLLRH_COS		1770.92	-1972.17	1336.45	-16.72	-224.52	-5703.36	-87.07	114.47	127.90	2.27	-51.37	57.43	36.59	-3.94	48.25	30.15
ROLLRH_SIN		0.00	-9465.80	381.34	349.42	-95.20	-257.86	54.86	-36.02	-49.50	163.29	-117.20	-123.29	141.08	-47.58	24.50	111.37
TORQ_COS		103499.52	423.00	12.02	135.38	8.06	-110.12	26.16	13.47	-5.72	-5.78	-79.13	-8.22	9.95	0.40	-2.16	4.30
TORQ_SIN		0.00	1173.86	-99.86	198.07	-40.31	-443.62	21.69	43.71	-12.72	-3.56	75.96	1.80	-6.63	1.72	-4.15	5.67
THRUST_COS		5543.48	-169.48	18.99	43.78	-1.41	27.71	8.69	20.38	-4.58	-3.55	-48.85	-28.98	-2.73	-1.25	6.26	-35.43
THRUST_SIN		0.00	-235.18	16.69	-7.43	12.80	-206.83	5.98	14.48	-5.74	-1.70	48.77	-9.90	-2.63	3.80	5.65	-25.52

RUN	POINT	Harmonics															
46	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.28	64.27	-37.05	11.84	53.18	412.10	9.90	-3.16	-5.96	0.29	4.63	-4.06	-2.05	-0.38	-1.25	0.07
SIDERH_SIN		0.00	235.32	-20.41	5.93	-3.55	-231.37	-6.24	3.59	-0.65	-5.65	-1.11	2.18	-3.75	1.21	-0.79	-3.71
DRAGRH_COS		-105.80	234.16	12.25	-7.36	-1.66	-455.10	-48.33	1.65	8.84	-11.76	7.94	3.90	-0.25	1.82	-1.78	17.80
DRAGRH_SIN		0.00	-62.35	28.29	1.52	4.00	240.15	-16.51	-1.16	-10.73	1.10	18.76	7.28	0.37	-3.54	5.92	-8.17

RUN	POINT	Harmonics															
46	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	-1.31	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.62	-1.62	-12.74	11.50	-0.31	-2.58	1.59	-0.74	0.03	2.23	0.04	0.19	-0.10	0.09	0.13	0.26
ACT1FORCE_SIN		0.00	19.53	-3.96	-2.17	7.46	-0.99	0.05	0.92	-0.28	0.42	-0.19	-0.03	-0.01	0.03	0.29	-0.41
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.10	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.02	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.71	-0.74	87.02	12.76	-1.86	13.94	-10.99	0.05	-0.13	0.10	0.01	-0.06	0.09	0.06	0.02	0.04
FA1IBVOLTAGE_SIN		0.00	-114.97	19.49	-270.23	-47.74	1.75	1.76	0.25	-0.12	0.17	0.06	-0.03	-0.01	-0.04	0.00	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.02	0.00	0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.89	0.87	-87.18	-12.18	1.96	-14.36	10.66	-0.05	0.03	-0.06	-0.03	0.06	-0.13	-0.07	-0.02	-0.05
FA1OBVOLTAGE_SIN		0.00	115.16	-19.53	270.81	48.21	-1.75	-1.20	0.00	0.14	-0.15	-0.06	-0.01	-0.04	0.03	-0.01	0.07
MRBLD1CB42P75_COS		-430.29	-1985.72	427.94	-17.63	-176.66	65.31	-125.42	16.91	38.66	-25.73	65.50	-66.34	0.26	-5.26	-19.98	6.65
MRBLD1CB42P75_SIN		0.00	1076.60	191.39	35.23	-12.55	47.93	13.16	-149.25	35.37	16.71	-116.49	17.13	9.11	8.72	-0.74	21.77

RUN	POINT	Harmonics															
46	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4503.79	-1440.16	241.02	28.08	-202.28	-74.53	-269.86	10.43	35.40	-9.86	1.35	-46.27	0.64	-1.70	-16.99	20.34
MRBLD1CB70_SIN		0.00	818.01	22.07	71.57	-59.13	-20.57	92.29	-116.42	20.77	25.18	-52.10	9.39	6.07	3.22	-3.13	26.03
MRBLD1CB120_COS		-244.79	-823.47	169.90	102.84	-178.12	-188.50	-332.70	28.99	-20.77	22.71	-23.44	23.92	-2.73	7.16	4.29	-1.95
MRBLD1CB120_SIN		0.00	661.54	-44.45	17.06	121.84	-84.06	76.38	-80.96	-39.57	-36.80	74.23	-5.37	-3.44	2.28	-1.94	4.91
MRBLD1CB164_COS		-1976.15	-263.11	20.04	119.14	-81.23	-140.08	-144.42	18.23	-39.72	22.50	9.50	21.68	-2.44	4.09	7.11	-14.51
MRBLD1CB164_SIN		0.00	247.73	-30.76	-26.50	117.57	-79.67	3.25	23.33	-54.30	-48.03	62.22	0.93	-3.89	-2.75	8.67	-20.71
MRBLD1FB42P75_COS		2575.54	469.24	256.63	585.39	-52.95	62.06	-119.20	-165.33	-64.92	-108.07	64.12	-19.60	-6.19	21.76	-5.42	45.98
MRBLD1FB42P75_SIN		0.00	-197.00	419.13	-162.58	972.49	230.05	69.05	-416.28	13.46	-78.07	-194.97	30.02	-16.13	0.46	2.14	8.62
MRBLD1FB70_COS		625.18	100.91	78.14	201.20	-41.50	19.38	-30.40	-19.49	1.44	-3.18	-0.82	1.45	0.51	-2.34	2.94	-8.59
MRBLD1FB70_SIN		0.00	-237.10	173.47	-99.46	276.93	42.20	16.20	-67.87	9.26	5.58	1.24	2.80	3.73	0.32	0.61	-3.02
MRBLD1FB87_COS		89.07	116.70	2.90	124.36	-25.19	-15.30	-2.09	12.51	10.72	21.12	-13.70	8.50	2.03	-4.59	1.11	-10.74
MRBLD1FB87_SIN		0.00	-291.81	111.82	-67.68	134.29	1.84	-7.51	36.12	-3.17	16.51	48.24	-8.22	7.07	2.44	2.06	1.63
MRBLD1FB120_COS		-293.61	143.68	-69.90	135.54	26.77	-69.22	14.46	24.79	-10.12	-5.82	0.03	-10.95	-2.06	5.56	-1.19	16.94
MRBLD1FB120_SIN		0.00	-429.61	100.94	-16.22	37.46	-11.85	-23.74	99.15	-9.51	-9.94	-19.95	-1.89	-12.35	-6.90	-5.00	-2.53
MRBLD1FB164_COS		50.30	129.73	146.33	-32.56	79.63	23.90	35.25	-16.23	5.37	1.46	-9.35	14.39	4.18	-9.15	-4.17	-6.77
MRBLD1FB164_SIN		0.00	-565.24	243.73	256.62	-324.30	-53.58	-1.36	-134.49	18.17	18.48	30.51	-7.17	10.36	4.38	-3.03	-1.94

RUN	POINT	Harmonics															
46	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-26.14	-16.12	154.79	-85.77	28.28	54.85	20.41	-24.74	0.16	27.03	-24.80	5.15	-12.45	1.08	1.58	20.94
MRBLD1FB180_SIN		0.00	-393.90	175.45	234.47	-245.72	-33.03	16.16	-115.92	8.55	28.24	97.70	-23.17	-16.04	-18.16	-8.08	-0.43
MRBLD1TOR51_COS		-1465.27	177.97	150.05	-172.55	-17.77	7.40	21.96	-24.29	-21.83	19.58	-5.62	-2.85	-2.36	6.73	3.18	4.50
MRBLD1TOR51_SIN		0.00	-153.29	251.54	170.88	-138.76	92.55	-47.12	-65.53	-7.58	-10.37	16.12	1.39	-9.29	-7.15	1.89	4.57
MRBLD1TOR71_COS		-320.93	202.15	112.96	-177.80	-0.86	11.31	33.72	-23.64	-17.75	20.91	-10.69	-1.38	-2.89	5.68	2.64	1.74
MRBLD1TOR71_SIN		0.00	-138.78	212.00	151.09	-159.72	78.38	-41.80	-38.44	-6.15	-5.60	21.33	0.92	-5.78	-4.76	1.52	3.35
MRBLD1TOR130_COS		-59.07	181.77	116.21	-197.61	2.98	19.21	24.13	-11.06	-10.61	9.49	13.14	-7.92	-3.34	-1.43	-2.77	-4.05
MRBLD1TOR130_SIN		0.00	-107.81	151.75	173.13	-181.06	54.14	-28.41	-43.95	0.20	-11.95	3.46	5.28	4.15	3.81	-0.28	-1.28
MRBLD1TOR164_COS		-270.71	102.63	63.90	-142.73	-30.24	14.17	2.07	-7.56	0.46	3.16	-4.44	-1.31	0.96	-2.75	-2.54	-0.25
MRBLD1TOR164_SIN		0.00	-31.63	61.80	94.51	-71.38	36.62	-12.55	-19.60	1.78	1.69	2.20	-3.10	4.22	3.53	-4.90	-0.35
MRFBM1CB26P5_COS		-888.59	-1090.51	213.82	-93.15	32.89	34.07	35.21	2.90	0.15	-2.25	22.63	-0.96	0.74	0.47	1.11	-2.76
MRFBM1CB26P5_SIN		0.00	359.37	169.60	-10.93	-41.86	25.53	-24.06	-10.01	0.99	-6.69	-14.44	1.37	-0.97	1.08	-0.33	0.78
MRFBM1FB9_COS		601.32	71.74	-279.39	-135.50	53.80	16.35	13.53	-9.72	2.23	1.34	-6.19	2.39	-0.44	0.24	0.08	0.21
MRFBM1FB9_SIN		0.00	-2.69	-271.64	-29.34	-102.80	-16.39	15.91	24.53	1.45	3.96	1.62	1.33	0.60	-0.24	0.44	-1.72
MRFBM1TOR26P5_COS		-109.07	84.07	4.62	-1.88	0.89	-0.01	1.26	-0.32	-0.20	0.00	-0.30	0.31	0.09	0.06	0.12	0.11
MRFBM1TOR26P5_SIN		0.00	-263.66	3.39	0.87	-4.95	1.70	-0.71	-0.18	0.04	0.10	0.11	-0.04	-0.22	-0.17	0.06	-0.04

RUN	POINT	Harmonics															
46	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		193.74	-1551.51	383.78	-39.16	-107.45	84.27	-74.84	1.88	33.50	-16.60	60.84	-37.11	2.09	-0.47	-12.77	3.52
MRPC1CB33P25_SIN		0.00	1001.64	152.83	25.31	96.46	33.09	-20.07	-125.73	18.56	-10.98	-93.56	18.22	2.29	10.67	-2.23	20.95
MRPC1FB33P25_COS		1821.77	374.58	69.32	549.25	-253.59	-14.20	-128.70	38.06	-45.18	-36.83	165.92	-31.60	11.87	11.18	-6.98	14.96
MRPC1FB33P25_SIN		0.00	32.71	352.63	-39.36	800.05	196.38	23.98	-411.93	-25.00	-116.23	-108.65	11.13	-12.41	18.79	-4.75	50.01
MRPC1TOR25P5_COS		-367.31	-108.04	-186.81	228.36	-1.39	0.65	-29.55	30.63	26.93	-17.05	21.86	-4.14	1.49	-8.66	-8.55	-8.92
MRPC1TOR25P5_SIN		0.00	-98.61	-259.29	-185.34	177.55	-99.42	56.77	53.73	7.63	6.90	-23.87	3.09	17.24	14.89	-3.05	1.30
MRPLK1LOAD_COS		5.54	-17.72	-24.93	29.21	-2.39	0.87	-5.61	4.89	4.72	-1.83	3.16	-1.75	-0.29	-1.15	-1.56	-1.91
MRPLK1LOAD_SIN		0.00	-6.90	-35.26	-27.59	23.90	-14.61	6.86	7.87	1.24	1.04	-2.60	-0.09	3.09	2.64	-0.91	0.48
PITCHRH_COS		6416.91	-9437.77	343.80	218.06	-153.92	2481.28	142.91	-160.59	-27.74	92.00	-139.12	-101.34	90.87	10.68	-132.66	-258.14
PITCHRH_SIN		0.00	1930.20	-1183.16	-92.52	-82.75	3844.23	376.77	-84.72	170.94	-56.43	-379.07	-20.80	46.92	85.07	-120.08	250.16
ROLLRH_COS		2448.63	-1970.85	1454.66	85.91	-257.46	-5300.06	-49.16	118.81	135.94	138.21	30.26	-31.85	138.03	-111.54	50.44	-1.97
ROLLRH_SIN		0.00	-9416.82	403.83	335.37	-17.11	1238.12	28.52	-92.08	-181.10	210.04	70.32	-104.53	67.64	-70.06	31.07	16.33
TORQ_COS		104725.95	447.96	8.52	201.83	73.43	-334.75	23.45	10.30	-9.64	-3.14	-58.29	-6.54	6.85	-0.95	-3.07	7.88
TORQ_SIN		0.00	1146.65	-117.93	171.27	-33.34	-299.54	7.26	27.11	-16.46	-1.41	83.71	2.72	-12.63	0.40	-5.64	2.27
THRUST_COS		5612.73	-179.86	30.68	42.59	-8.23	-20.82	10.58	16.43	-7.47	-5.26	-50.05	-25.35	-5.41	2.49	1.40	-16.91
THRUST_SIN		0.00	-225.53	9.22	-21.17	15.75	-181.80	2.34	5.53	0.16	-2.45	74.91	4.68	-1.11	2.01	-6.76	-6.65

RUN	POINT	Harmonics															
46	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.81	65.47	-42.08	12.07	41.75	303.35	14.26	-2.20	-6.81	-5.69	2.00	-1.50	-4.42	2.59	-1.40	0.36
SIDERH_SIN		0.00	231.89	-21.71	-4.31	-20.91	-357.11	-13.04	6.56	3.71	-7.44	-8.80	4.01	-1.05	2.50	-0.97	-0.72
DRAGRH_COS		-113.39	233.07	13.49	-5.89	2.27	-285.88	-54.78	3.30	2.77	-10.86	12.93	4.47	-2.28	-0.55	7.23	11.27
DRAGRH_SIN		0.00	-62.04	32.81	2.35	7.32	391.98	-18.53	-1.09	-13.01	5.59	6.90	3.61	-0.94	-2.80	3.46	-10.55

RUN	POINT	Harmonics															
46	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.01	-0.06	0.00	0.00	0.00	-0.02	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	-1.48	0.00	0.00	0.00	0.02	-0.02	-0.08	-0.01	0.00	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.84	-1.33	-13.49	9.92	2.62	-3.11	1.41	-0.56	-0.59	0.19	0.41	-0.03	0.07	-0.20	0.00	-0.90
ACT1FORCE_SIN		0.00	19.74	-1.66	-8.37	6.30	0.24	-0.65	1.45	-0.70	-2.12	-0.05	0.06	0.21	0.07	-0.19	0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.09	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		372.69	-2.59	90.00	-136.41	-22.13	16.76	-8.32	0.24	-0.27	0.10	0.15	-0.06	0.01	-0.04	0.00	-0.09
FA1IBVOLTAGE_SIN		0.00	-117.04	3.59	-233.81	-38.38	-3.78	4.12	0.24	0.12	-0.15	-0.03	0.05	0.01	-0.03	-0.07	-0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.09	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.03	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		432.90	2.68	-90.27	137.23	22.46	-17.12	8.72	-0.02	0.19	-0.06	-0.13	0.03	-0.02	0.05	-0.01	0.11
FA1OBVOLTAGE_SIN		0.00	117.28	-3.61	233.92	38.76	4.04	-3.67	-0.12	-0.02	0.12	0.04	-0.05	0.03	0.06	0.06	0.13
MRBLD1CB42P75_COS		-362.48	-2050.26	529.11	-84.87	-285.39	102.21	-95.28	6.20	31.67	-46.60	52.94	-70.19	-5.79	-0.47	-16.84	-1.83
MRBLD1CB42P75_SIN		0.00	1421.16	197.84	12.35	60.55	-50.01	27.51	-96.24	24.04	22.19	-126.69	50.19	-4.34	7.48	14.73	14.76

RUN	POINT	Harmonics															
46	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4527.82	-1507.54	338.79	-81.19	-359.99	-20.49	-176.23	-17.69	30.17	-26.07	-10.88	-46.52	-3.50	0.11	-14.48	1.80
MRBLD1CB70_SIN		0.00	1051.33	69.59	-8.48	132.23	-68.46	198.58	-75.29	13.54	27.36	-61.43	34.34	-3.22	6.62	7.98	21.91
MRBLD1CB120_COS		-248.84	-858.21	248.50	-17.28	-249.11	-137.41	-238.63	20.56	-7.64	15.32	-7.69	27.30	-5.17	5.72	3.29	-2.41
MRBLD1CB120_SIN		0.00	757.61	6.43	-21.04	302.57	-56.68	257.62	-88.50	-11.66	-52.40	59.44	-17.22	4.18	-0.22	-2.24	4.92
MRBLD1CB164_COS		-1985.61	-278.71	35.27	33.62	-78.58	-129.81	-118.80	22.65	-27.23	20.25	28.51	22.66	-3.27	-0.59	8.00	-4.47
MRBLD1CB164_SIN		0.00	269.32	-3.82	-42.55	184.18	-37.39	97.04	-5.85	-25.94	-61.84	53.50	-10.51	6.08	-5.31	1.93	-16.06
MRBLD1FB42P75_COS		2577.25	477.48	248.70	276.82	231.96	83.43	-124.31	-104.63	-49.09	-145.09	56.47	-17.85	-26.46	15.60	15.41	25.60
MRBLD1FB42P75_SIN		0.00	-282.86	315.79	114.25	785.58	160.18	62.25	-365.83	21.69	-68.18	-242.43	56.36	-5.98	-16.54	14.04	15.77
MRBLD1FB70_COS		632.30	104.36	73.58	82.85	44.41	24.01	-28.55	-8.97	2.64	-6.35	-1.93	2.20	2.40	-2.11	-1.43	-4.90
MRBLD1FB70_SIN		0.00	-238.25	143.25	-26.28	233.92	22.54	18.21	-57.16	9.84	7.25	1.02	2.52	3.08	2.98	-3.27	-3.66
MRBLD1FB87_COS		94.01	120.28	-8.48	47.96	22.72	-15.89	-3.18	7.27	9.25	27.75	-11.83	6.29	7.02	-4.23	-4.31	-6.31
MRBLD1FB87_SIN		0.00	-293.24	95.93	-37.31	112.10	4.09	-4.88	31.25	-3.65	15.16	58.92	-15.19	4.80	6.17	-0.79	-0.34
MRBLD1FB120_COS		-288.48	141.57	-97.98	44.53	29.32	-71.16	6.33	7.46	-11.05	0.10	1.70	-9.47	-7.19	6.44	6.06	10.68
MRBLD1FB120_SIN		0.00	-420.49	83.52	-1.08	21.30	13.87	-23.56	84.27	-13.67	-11.95	-21.18	1.54	-10.42	-11.16	-0.33	0.72
MRBLD1FB164_COS		75.79	115.56	123.58	-13.04	-66.80	20.19	37.29	12.80	5.48	-0.21	-9.80	10.28	8.64	-7.09	-9.22	-4.84
MRBLD1FB164_SIN		0.00	-544.56	137.46	315.23	-255.22	-42.46	-12.43	-116.81	22.50	21.55	37.51	-11.65	6.61	8.00	-3.63	-4.32

RUN	POINT	Harmonics															
46	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.36	-24.51	139.24	-27.21	-67.00	52.09	19.46	3.25	3.67	32.50	-21.25	4.58	-6.85	-0.87	9.52	15.13
MRBLD1FB180_SIN		0.00	-378.49	98.66	266.26	-190.42	-27.98	8.42	-104.49	14.88	30.73	115.72	-34.49	-14.19	-17.94	-2.77	2.64
MRBLD1TOR51_COS		-1463.41	166.62	191.07	-105.30	-92.03	46.86	2.96	-15.53	-24.26	-3.21	-4.49	0.78	-2.75	3.99	4.63	-1.87
MRBLD1TOR51_SIN		0.00	-151.42	184.95	274.26	-111.51	63.61	-44.38	-50.27	5.24	-15.10	12.95	0.82	-7.07	-7.35	2.09	3.12
MRBLD1TOR71_COS		-319.66	193.24	146.45	-97.78	-75.21	44.37	15.97	-16.90	-19.75	2.80	-10.30	3.93	-1.14	3.57	3.26	-1.57
MRBLD1TOR71_SIN		0.00	-142.17	151.84	242.51	-133.05	55.49	-41.19	-29.01	5.32	-9.23	20.97	-2.30	-3.08	-5.07	2.08	3.59
MRBLD1TOR130_COS		-57.07	171.43	146.12	-95.88	-76.85	42.82	13.31	-7.84	-9.84	-1.98	13.33	-4.23	-1.27	-0.53	-3.12	-0.78
MRBLD1TOR130_SIN		0.00	-111.45	94.79	250.80	-146.85	33.48	-28.07	-36.01	7.79	-12.17	1.53	4.12	4.03	2.52	0.86	0.74
MRBLD1TOR164_COS		-273.15	95.86	85.78	-61.32	-54.88	25.89	-2.29	-9.17	1.80	5.74	-6.99	0.41	2.96	0.08	-3.68	3.88
MRBLD1TOR164_SIN		0.00	-36.95	36.71	137.12	-47.93	21.69	-11.27	-17.20	2.51	5.75	7.09	-5.30	2.66	3.00	-1.56	0.27
MRFBM1CB26P5_COS		-827.95	-1182.10	246.55	-52.73	3.35	41.72	21.09	8.43	-1.09	-3.89	24.08	-1.73	-0.39	1.56	0.78	-0.51
MRFBM1CB26P5_SIN		0.00	548.00	170.77	3.47	-92.89	6.91	-44.37	-7.74	1.53	-7.10	-16.68	2.10	-1.42	-0.64	1.29	0.09
MRFBM1FB9_COS		659.03	39.30	-299.44	-34.33	20.39	10.50	18.78	-9.22	2.14	2.80	-7.28	3.32	-0.02	-0.26	0.42	0.39
MRFBM1FB9_SIN		0.00	-120.48	-202.20	-65.19	-95.51	-10.72	13.23	20.08	0.97	4.68	3.00	0.48	1.37	-0.29	-0.30	-0.80
MRFBM1TOR26P5_COS		-104.19	83.94	5.03	-1.62	-1.67	0.77	0.83	-0.05	-0.27	-0.23	-0.26	0.13	-0.05	-0.02	0.12	0.01
MRFBM1TOR26P5_SIN		0.00	-264.01	2.69	1.73	-4.70	1.26	-1.07	0.06	0.07	0.03	-0.04	0.08	-0.20	-0.13	-0.05	-0.10

RUN	POINT	Harmonics															
46	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		256.08	-1551.26	462.64	-58.20	-133.64	91.11	-78.67	5.10	30.93	-30.69	57.66	-36.99	-5.09	4.25	-10.87	-2.65
MRPC1CB33P25_SIN		0.00	1279.43	136.66	39.12	92.32	-42.92	-29.32	-87.69	13.47	-9.19	-104.00	40.55	-6.09	5.60	11.63	14.24
MRPC1FB33P25_COS		1820.14	384.49	81.68	241.12	23.75	22.68	-125.49	62.88	-36.99	-67.31	186.16	-46.49	-10.49	21.82	-6.23	-1.52
MRPC1FB33P25_SIN		0.00	-39.46	269.87	132.91	711.77	147.60	16.84	-345.34	-14.17	-126.27	-147.45	31.80	-21.71	3.60	23.01	34.69
MRPC1TOR25P5_COS		-362.59	-96.39	-226.55	143.25	86.48	-41.73	-7.28	18.99	29.81	9.90	20.42	-5.51	3.28	-3.25	-11.49	0.81
MRPC1TOR25P5_SIN		0.00	-97.21	-188.96	-294.24	150.82	-71.55	54.91	39.16	-7.55	12.86	-19.36	3.55	13.21	12.69	2.23	3.96
MRPLK1LOAD_COS		6.74	-16.51	-30.11	18.29	9.95	-5.38	-2.78	2.97	5.13	2.20	2.84	-1.04	0.75	-0.16	-2.07	0.01
MRPLK1LOAD_SIN		0.00	-6.60	-25.87	-42.77	20.72	-10.25	6.94	5.44	-0.85	1.99	-1.29	-0.51	2.55	2.16	0.22	1.09
PITCHRH_COS		6676.10	-9472.84	389.39	202.17	-125.49	3245.20	153.75	-151.57	107.12	15.97	-170.93	-61.33	102.64	61.60	-147.51	-108.92
PITCHRH_SIN		0.00	2013.39	-1379.79	-148.14	-8.91	1334.83	255.52	-9.64	211.50	-133.97	-332.63	90.54	-41.63	29.13	117.61	114.23
ROLLRH_COS		4685.56	-2015.34	1623.10	85.31	-299.37	-4121.64	47.22	69.29	-109.19	243.64	220.95	-92.23	79.42	-121.97	104.70	-187.33
ROLLRH_SIN		0.00	-9427.84	374.36	235.07	167.43	3055.08	-29.42	-172.57	-155.74	50.86	59.17	4.93	-94.42	67.85	-78.72	105.88
TORQ_COS		106383.55	492.80	-13.95	240.98	120.45	-430.98	20.77	-6.33	-10.35	1.11	-57.14	-3.20	2.66	-5.96	-4.69	8.08
TORQ_SIN		0.00	1165.63	-132.91	136.19	-29.79	-59.01	-10.08	0.38	-1.78	-1.57	79.15	1.72	-15.31	2.74	-6.60	-2.00
THRUST_COS		5739.90	-187.62	34.19	42.15	-11.80	-70.17	2.61	4.30	-3.81	-2.61	-46.44	-16.67	-0.02	1.58	-6.17	-3.99
THRUST_SIN		0.00	-221.67	-5.75	-26.67	15.19	-127.82	2.40	2.29	1.00	-0.20	107.04	9.39	3.44	0.82	-2.33	-20.71

RUN	POINT	Harmonics															
46	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.03	64.47	-47.10	7.27	34.88	100.02	1.19	2.41	-0.33	-10.45	-3.17	2.54	-1.26	3.53	-3.12	6.12
SIDERH_SIN		0.00	228.93	-19.73	-10.11	-39.59	-451.59	-5.86	6.00	3.47	-0.96	-10.26	1.54	2.67	-1.39	2.20	-3.87
DRAGRH_COS		-112.88	233.82	18.45	-2.73	8.32	13.13	-48.78	-2.30	-7.20	-6.72	1.83	3.72	-6.80	-1.89	4.32	6.01
DRAGRH_SIN		0.00	-62.84	33.85	2.54	9.16	516.94	21.04	-9.70	-9.12	11.25	0.15	-2.94	0.03	-0.79	-7.56	-5.18

RUN	POINT	Harmonics															
46	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.79	0.00	0.00	0.00	-0.01	-0.03	-0.09	0.01	0.00	0.00	0.00	-0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	-1.26	0.00	0.00	0.00	0.03	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.35	-1.32	-13.56	5.38	4.73	-2.92	0.79	0.28	-0.98	-2.15	0.54	0.00	0.25	-0.18	-0.36	0.53
ACT1FORCE_SIN		0.00	19.95	0.45	-12.93	3.86	1.70	-1.21	1.38	-0.02	-0.47	-0.14	0.08	0.05	0.34	0.00	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.06	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.08	0.01	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		373.79	-3.81	89.43	-243.79	-36.88	17.36	-6.94	0.34	-0.05	-0.14	0.00	0.07	0.04	0.00	0.00	-0.08
FA1IBVOLTAGE_SIN		0.00	-119.25	-12.60	-128.51	-20.75	-13.12	6.87	0.05	0.22	-0.20	-0.11	0.05	-0.02	0.05	0.00	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	0.06	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.08	-0.02	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		431.82	3.92	-89.82	244.61	37.37	-17.53	7.53	-0.14	0.05	0.15	0.03	-0.04	-0.01	0.03	0.03	0.05
FA1OBVOLTAGE_SIN		0.00	119.56	12.69	128.07	20.96	13.56	-7.12	-0.16	-0.10	0.11	0.09	0.00	-0.02	-0.05	0.01	-0.01
MRBLD1CB42P75_COS		-386.73	-2170.26	585.51	-129.26	-327.56	83.51	-58.65	1.72	26.45	-37.05	11.06	-18.37	-19.07	3.59	5.59	-6.23
MRBLD1CB42P75_SIN		0.00	1502.29	146.25	22.09	183.39	-140.70	18.15	-81.10	5.10	46.71	-128.84	74.74	-1.50	-2.01	23.39	11.66

RUN	POINT	Harmonics															
46	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4515.72	-1592.34	403.57	-188.55	-404.61	1.09	-57.16	-29.30	21.06	-19.47	-35.11	-10.52	-12.66	4.03	4.72	-1.78
MRBLD1CB70_SIN		0.00	1099.10	60.37	-26.73	365.15	-83.66	212.90	-46.96	-4.57	46.43	-60.81	49.04	0.64	1.34	14.92	22.44
MRBLD1CB120_COS		-263.63	-893.74	297.02	-120.42	-243.76	-93.58	-89.46	-12.29	14.98	-2.23	-3.93	7.35	2.68	1.45	-0.93	-0.35
MRBLD1CB120_SIN		0.00	764.71	12.91	-2.52	486.73	15.60	326.39	-75.12	-10.68	-46.48	47.94	-33.38	8.42	1.92	-1.94	2.56
MRBLD1CB164_COS		-1990.79	-286.52	49.49	-39.50	-52.53	-104.85	-59.52	7.00	-3.94	3.56	35.68	4.90	4.68	-3.99	-2.23	-1.61
MRBLD1CB164_SIN		0.00	268.23	8.59	-23.67	236.25	26.52	143.33	-13.28	-14.54	-63.75	38.11	-22.48	5.42	-1.03	-6.38	-14.46
MRBLD1FB42P75_COS		2543.20	498.10	204.60	173.00	400.31	19.98	-104.91	-138.04	-17.81	-134.74	-16.79	15.48	-22.20	3.15	43.93	16.68
MRBLD1FB42P75_SIN		0.00	-304.35	229.39	451.70	530.77	76.88	61.25	-353.00	1.83	-20.94	-221.69	42.31	11.05	-15.89	2.24	14.62
MRBLD1FB70_COS		623.44	103.93	62.86	27.19	102.41	7.60	-20.08	-13.58	5.06	-4.11	-3.35	2.11	2.40	-0.30	-7.92	-2.61
MRBLD1FB70_SIN		0.00	-238.57	115.83	78.10	168.83	2.79	18.77	-53.24	7.09	10.85	2.06	1.33	1.59	3.01	-1.46	-2.87
MRBLD1FB87_COS		92.84	121.80	-18.05	1.61	54.66	-17.39	-3.19	10.17	4.77	26.10	5.85	-3.84	6.90	-0.93	-10.48	-3.92
MRBLD1FB87_SIN		0.00	-289.83	84.46	16.56	73.82	5.30	-3.76	30.44	-1.68	5.23	53.05	-11.77	-0.24	6.32	1.92	-0.94
MRBLD1FB120_COS		-281.20	147.11	-116.02	-24.20	24.17	-53.00	-3.94	13.88	-15.20	-1.78	-1.54	-3.62	-8.83	1.92	15.77	6.42
MRBLD1FB120_SIN		0.00	-403.60	77.53	47.21	0.57	34.35	-22.33	79.02	-8.17	-17.26	-19.94	1.51	-6.00	-10.87	-3.68	0.62
MRBLD1FB164_COS		78.86	107.81	67.83	40.55	-179.46	29.12	35.45	1.33	12.67	4.18	1.01	1.41	8.83	-2.71	-12.94	-4.70
MRBLD1FB164_SIN		0.00	-509.17	53.19	354.97	-128.12	-20.16	-10.76	-112.85	16.20	21.69	36.00	-9.96	1.60	7.80	0.42	-4.19

RUN	POINT	Harmonics															
46	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-8.21	-25.99	97.98	48.62	-133.47	50.52	18.97	-3.65	8.71	30.81	11.45	-12.06	-5.96	-3.72	16.71	11.56
MRBLD1FB180_SIN		0.00	-352.58	34.78	263.71	-93.26	-16.66	7.16	-104.98	12.67	18.42	101.63	-29.31	-14.49	-14.21	-7.28	-0.28
MRBLD1TOR51_COS		-1469.55	153.06	194.84	7.49	-141.87	60.85	-6.37	-12.05	-10.30	-9.40	-4.62	0.45	-1.65	2.14	5.05	-0.50
MRBLD1TOR51_SIN		0.00	-149.05	108.03	325.48	-47.55	25.20	-28.72	-48.78	10.76	2.14	10.30	-2.11	-5.65	-5.48	1.99	3.62
MRBLD1TOR71_COS		-323.96	181.46	148.43	17.61	-125.36	58.12	4.46	-12.49	-8.34	-2.13	-6.57	0.57	1.13	1.69	2.86	1.16
MRBLD1TOR71_SIN		0.00	-141.89	84.08	279.41	-71.31	24.85	-27.92	-27.42	10.46	3.08	19.40	-6.23	-3.35	-3.78	0.96	2.80
MRBLD1TOR130_COS		-59.84	157.67	146.21	28.87	-127.46	50.92	5.72	-8.11	-0.40	-3.33	10.17	-2.96	0.28	-0.49	-2.53	1.18
MRBLD1TOR130_SIN		0.00	-112.46	32.87	266.81	-77.78	9.10	-18.31	-32.95	8.65	-3.16	-1.24	3.18	2.21	0.94	-0.43	-0.94
MRBLD1TOR164_COS		-274.11	84.31	92.06	27.84	-62.58	25.92	-2.69	-10.14	2.31	10.13	-2.41	-1.78	3.08	0.46	-1.46	2.31
MRBLD1TOR164_SIN		0.00	-42.96	5.40	135.20	-13.42	2.61	-6.49	-13.34	0.75	1.77	9.54	-5.13	0.28	0.85	-0.44	-2.51
MRFBM1CB26P5_COS		-857.67	-1277.98	266.62	-8.95	-37.81	39.20	2.82	10.95	1.13	-5.00	18.44	-0.24	-0.69	0.45	1.30	-0.36
MRFBM1CB26P5_SIN		0.00	592.35	147.17	4.18	-114.90	-21.76	-50.09	-13.00	2.20	-4.89	-18.92	2.97	-1.13	-1.36	2.36	-1.57
MRFBM1FB9_COS		609.21	104.73	-290.94	21.38	-4.74	11.26	20.18	-6.77	0.65	3.81	-5.22	1.96	0.72	-0.41	-0.03	0.53
MRFBM1FB9_SIN		0.00	-165.50	-133.03	-135.05	-79.47	-2.32	8.32	19.77	0.91	2.93	5.04	-1.17	1.21	0.09	-1.29	-0.59
MRFBM1TOR26P5_COS		-104.03	83.85	5.26	-0.93	-3.64	1.02	0.42	0.17	-0.19	-0.32	-0.30	0.17	-0.11	-0.02	0.07	-0.09
MRFBM1TOR26P5_SIN		0.00	-263.54	1.74	2.29	-3.28	0.69	-1.13	-0.08	0.16	0.28	0.00	0.11	-0.06	-0.02	0.00	0.01

RUN	POINT	Harmonics															
46	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		241.64	-1623.18	493.24	-54.98	-145.29	53.90	-77.37	1.45	33.68	-26.55	23.77	-0.71	-14.20	4.79	7.48	-6.40
MRPC1CB33P25_SIN		0.00	1352.33	81.96	51.99	112.74	-118.37	-32.59	-81.34	-0.39	7.59	-107.20	49.98	0.38	-3.53	19.42	10.22
MRPC1FB33P25_COS		1792.16	405.48	58.91	89.76	217.72	-6.71	-104.39	31.78	-5.38	-82.42	119.79	-13.47	-20.42	14.41	23.40	-4.97
MRPC1FB33P25_SIN		0.00	-55.34	194.12	392.45	542.28	63.28	19.29	-346.74	-17.48	-86.89	-173.85	43.71	-7.70	-7.41	40.70	25.11
MRPC1TOR25P5_COS		-357.55	-85.27	-229.64	13.53	148.67	-59.27	3.73	12.37	14.48	17.87	18.30	-3.51	2.34	-1.75	-7.48	2.70
MRPC1TOR25P5_SIN		0.00	-97.78	-110.48	-343.29	81.62	-32.72	37.07	38.59	-14.57	-7.47	-17.52	7.60	9.60	7.37	3.12	-0.90
MRPLK1LOAD_COS		7.47	-15.30	-30.17	1.06	18.79	-7.70	-1.24	1.84	2.96	3.46	2.99	-1.05	1.06	0.02	-1.47	0.83
MRPLK1LOAD_SIN		0.00	-6.77	-15.45	-49.80	11.42	-4.42	4.90	5.63	-1.89	-1.41	-1.11	-0.14	1.32	1.06	-0.09	-0.23
PITCHRH_COS		5643.03	-9450.43	338.77	178.32	-86.28	2919.39	261.41	-122.73	66.30	-73.99	-151.50	37.67	22.48	43.29	47.71	-179.02
PITCHRH_SIN		0.00	1986.17	-1554.19	-159.14	98.49	-949.27	13.45	71.73	90.81	-49.81	-246.80	176.47	-77.23	18.36	109.23	82.52
ROLLRH_COS		5607.53	-2058.26	1613.36	46.81	-221.66	-2262.65	75.91	-20.94	-29.31	197.41	227.51	-110.06	-35.90	9.23	-2.55	-194.30
ROLLRH_SIN		0.00	-9428.13	249.51	155.07	293.45	3770.05	-38.82	-178.68	-39.17	-102.24	-32.22	50.00	-63.63	39.57	-75.92	239.96
TORQ_COS		105660.38	527.09	-10.74	232.96	129.99	-391.29	6.14	-34.85	-6.03	3.44	-41.88	-5.66	-6.27	-4.32	-2.93	2.26
TORQ_SIN		0.00	1184.99	-119.87	73.10	-45.69	191.69	-12.57	25.14	8.67	-1.99	76.04	1.72	-10.21	8.48	-3.85	-3.71
THRUST_COS		5616.22	-192.89	27.46	32.53	-8.55	-62.47	-2.09	-1.39	0.84	-5.10	-4.78	-1.86	3.76	2.89	-8.71	-3.67
THRUST_SIN		0.00	-216.97	-19.12	-31.78	17.86	-54.94	2.56	13.62	2.20	-1.82	111.91	12.45	-0.99	-0.86	3.05	-22.81

RUN	POINT	Harmonics															
46	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.17	64.34	-41.25	6.45	10.83	-93.03	-0.68	4.41	-1.07	-8.53	-7.05	5.13	1.48	0.24	0.26	5.27
SIDERH_SIN		0.00	229.81	-10.08	-10.31	-47.06	-427.46	-12.32	4.23	2.26	5.95	-10.00	-0.42	0.72	-0.98	2.49	-7.92
DRAGRH_COS		-126.65	233.34	21.55	-1.78	9.40	288.00	-44.05	-7.35	-2.37	2.37	-11.41	0.71	-4.26	-1.32	-5.04	9.13
DRAGRH_SIN		0.00	-59.33	33.00	1.68	5.68	485.98	35.05	-8.76	-2.83	5.83	4.21	-7.57	5.07	-0.87	-3.65	-5.48

RUN	POINT	Harmonics															
46	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.47	0.00	0.00	0.00	0.02	-0.01	0.07	-0.01	0.01	0.00	0.00	0.01	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.02	0.02	-0.02	-0.03	0.00	0.00	-0.01	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.09	-0.80	-10.77	-6.92	3.77	-0.69	-0.71	0.60	-0.18	1.63	-0.05	0.41	-0.14	-0.01	0.12	0.06
ACT1FORCE_SIN		0.00	20.41	3.67	-13.01	-1.53	2.98	-0.64	0.14	0.63	0.27	-0.74	-0.04	0.22	-0.24	0.14	0.77
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.04	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.48	-7.84	65.24	-243.40	-24.93	1.72	2.04	0.06	0.17	0.15	0.01	0.01	0.00	0.04	-0.03	-0.06
FA1IBVOLTAGE_SIN		0.00	-118.68	-31.21	163.01	21.14	-20.58	8.65	-0.22	0.07	0.26	0.00	0.02	0.08	-0.04	-0.02	0.08
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.04	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		426.16	8.01	-65.72	243.46	25.47	-1.45	-2.79	-0.20	-0.01	-0.23	-0.05	-0.02	0.02	-0.04	0.03	0.07
FA1OBVOLTAGE_SIN		0.00	119.10	31.56	-164.20	-21.40	20.95	-9.13	0.09	-0.07	-0.19	0.00	-0.05	-0.02	0.04	0.01	-0.07
MRBLD1CB42P75_COS		-447.08	-1907.72	660.72	-186.13	-243.86	-35.04	-53.14	-38.88	-10.61	-1.07	-42.94	49.08	-7.69	-12.94	0.09	-2.16
MRBLD1CB42P75_SIN		0.00	1883.45	12.12	77.88	394.96	-239.58	-22.00	-66.31	-1.16	13.72	-87.70	31.81	12.23	8.65	-11.52	20.89

RUN	POINT	Harmonics															
46	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4482.80	-1438.55	522.12	-353.42	-227.15	9.61	54.08	-26.50	-13.97	7.68	-38.97	37.18	-3.67	-5.81	-3.12	7.18
MRBLD1CB70_SIN		0.00	1380.54	-37.86	63.27	721.99	-163.69	111.13	-12.87	1.66	8.90	-22.92	16.65	6.98	0.88	-11.95	27.11
MRBLD1CB120_COS		-271.10	-834.29	403.98	-232.92	-49.45	27.50	138.61	-27.03	20.69	4.46	15.43	-28.23	2.58	5.35	3.44	-2.62
MRBLD1CB120_SIN		0.00	903.80	-54.17	107.94	727.65	1.65	240.23	-7.09	-46.50	-22.84	43.70	-10.19	2.06	-1.08	-1.11	4.33
MRBLD1CB164_COS		-1998.19	-270.11	93.29	-109.87	23.10	-8.88	54.14	5.18	14.74	-3.64	25.80	-26.26	0.21	0.10	-1.36	-5.38
MRBLD1CB164_SIN		0.00	312.20	4.34	70.48	277.37	60.04	135.49	8.10	-39.59	-28.04	15.39	-3.64	2.60	4.46	9.31	-18.68
MRBLD1FB42P75_COS		2530.71	429.93	67.50	395.83	373.03	-148.28	-69.15	-311.37	-49.95	-49.13	-98.65	30.64	0.85	0.47	-9.48	41.63
MRBLD1FB42P75_SIN		0.00	-387.96	177.72	893.54	34.15	53.75	6.31	-156.25	-76.25	-48.35	-128.54	18.10	12.42	-4.22	-34.64	20.20
MRBLD1FB70_COS		609.17	108.92	22.42	63.06	108.97	-35.26	-10.21	-40.92	0.28	2.94	-1.32	0.70	0.90	0.64	3.14	-6.88
MRBLD1FB70_SIN		0.00	-251.64	104.71	237.53	27.41	-6.57	5.24	-21.77	-1.75	4.53	4.64	-0.21	-0.04	0.61	6.16	-5.12
MRBLD1FB87_COS		81.67	126.72	-40.87	-1.29	50.58	-16.69	-3.32	27.67	9.38	11.78	25.65	-7.81	1.47	1.04	2.58	-9.00
MRBLD1FB87_SIN		0.00	-304.00	92.45	120.57	-5.94	6.17	-0.03	13.12	7.93	9.68	30.72	-2.22	-0.91	2.85	9.87	-0.92
MRBLD1FB120_COS		-288.59	158.90	-146.92	-60.34	-15.17	-0.49	-18.23	49.91	-8.27	-15.01	-12.53	-1.00	-5.58	-2.04	-3.68	13.03
MRBLD1FB120_SIN		0.00	-414.20	106.99	182.85	-23.48	46.21	4.70	33.35	8.27	-7.91	-17.70	-1.96	-5.17	-7.86	-15.97	1.18
MRBLD1FB164_COS		79.73	115.46	-82.66	147.96	-172.55	52.59	43.94	-61.52	5.99	17.71	18.88	-5.93	2.98	0.93	-1.13	-9.80
MRBLD1FB164_SIN		0.00	-506.53	24.36	337.79	134.64	-7.34	-26.83	-52.42	-5.74	10.75	28.65	-2.16	-2.41	3.37	8.35	-1.49

RUN	POINT	Harmonics															
46	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.55	-24.65	-19.16	144.75	-98.63	40.78	26.72	-55.84	11.40	14.86	47.31	-21.61	-13.43	-7.86	-3.86	17.82
MRBLD1FB180_SIN		0.00	-349.08	2.97	168.78	99.82	-8.62	-17.05	-56.75	6.24	24.42	55.24	-13.73	-13.88	-13.19	-20.70	2.99
MRBLD1TOR51_COS		-1466.71	148.59	110.17	213.73	-114.50	35.16	-2.11	-28.32	-7.49	5.09	1.39	1.40	-0.37	0.42	6.21	6.23
MRBLD1TOR51_SIN		0.00	-125.09	8.20	218.48	104.84	-33.67	-24.27	-35.32	4.09	-3.69	10.38	-6.75	-3.75	-7.08	-4.65	7.62
MRBLD1TOR71_COS		-321.47	172.61	68.40	210.63	-103.10	40.36	4.36	-16.67	-6.66	4.18	2.84	-1.34	-0.39	-0.29	3.91	2.98
MRBLD1TOR71_SIN		0.00	-126.96	-1.80	156.80	75.75	-24.51	-20.48	-18.54	7.13	-1.18	15.39	-7.58	-2.93	-3.76	-2.80	5.72
MRBLD1TOR130_COS		-55.22	144.78	67.75	211.00	-99.06	32.51	8.26	-16.83	-1.10	1.73	4.24	0.29	-2.36	-3.16	-3.61	-4.69
MRBLD1TOR130_SIN		0.00	-96.09	-45.44	114.31	74.67	-26.34	-12.19	-19.88	-0.17	-3.18	-4.97	2.57	2.72	4.46	0.43	-1.91
MRBLD1TOR164_COS		-271.10	69.23	56.95	143.81	-26.75	6.92	1.91	-8.65	-1.37	0.13	4.37	-3.14	-1.68	-0.62	-2.77	-3.58
MRBLD1TOR164_SIN		0.00	-30.61	-44.05	12.07	46.58	-19.32	-4.50	-3.95	0.56	-1.67	3.47	-1.44	-2.28	2.27	-2.20	-3.04
MRFBM1CB26P5_COS		-933.01	-1163.31	288.73	41.38	-102.83	3.99	-20.34	-1.74	1.30	-0.85	2.73	0.78	-0.57	-0.20	2.61	-1.84
MRFBM1CB26P5_SIN		0.00	831.64	96.58	-47.18	-93.79	-44.50	-40.41	-19.76	-2.65	-1.36	-19.55	2.38	0.33	0.15	-1.43	0.06
MRFBM1FB9_COS		623.53	-35.90	-216.51	13.20	-21.40	23.31	16.35	6.46	-0.23	-0.22	-1.32	-0.11	0.68	-0.02	-1.03	0.73
MRFBM1FB9_SIN		0.00	-223.29	-58.08	-264.63	-33.46	7.51	3.08	17.62	3.94	1.77	5.41	-1.14	0.10	0.21	0.56	-1.68
MRFBM1TOR26P5_COS		-104.27	83.75	4.20	0.52	-4.39	0.88	-0.39	0.01	-0.02	0.19	-0.07	0.12	0.11	0.11	0.11	0.18
MRFBM1TOR26P5_SIN		0.00	-263.31	0.81	1.72	1.17	-0.37	-1.30	-0.39	0.22	0.06	0.32	-0.02	-0.02	-0.17	0.06	-0.01

RUN	POINT	Harmonics															
46	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		218.65	-1373.30	532.50	-38.51	-115.47	-69.58	-87.11	-44.75	7.63	-6.27	-27.43	34.87	-3.53	-8.05	4.19	-2.98
MRPC1CB33P25_SIN		0.00	1621.77	-28.70	71.81	152.30	-166.39	-21.04	-64.94	-25.14	-4.54	-76.71	18.44	7.86	6.34	-11.39	18.94
MRPC1FB33P25_COS		1779.11	355.66	-38.60	188.69	307.60	-134.94	-53.57	-181.21	1.11	-4.91	7.60	15.40	-6.07	1.85	20.65	3.43
MRPC1FB33P25_SIN		0.00	-128.44	135.86	800.94	129.93	-1.17	-18.36	-260.51	-92.44	-64.80	-152.66	35.22	9.97	-1.08	-28.39	50.81
MRPC1TOR25P5_COS		-363.82	-75.99	-139.01	-211.17	129.56	-37.35	1.93	22.45	9.43	-1.61	3.72	0.52	-3.32	-4.62	-9.23	-13.66
MRPC1TOR25P5_SIN		0.00	-120.13	-8.00	-215.09	-91.62	27.66	31.92	29.94	-10.02	0.19	-21.66	14.39	9.23	14.01	2.99	-3.33
MRPLK1LOAD_COS		5.94	-14.03	-17.82	-29.41	16.84	-4.20	-0.89	3.76	1.94	-0.70	0.87	-0.43	-0.89	-1.01	-1.91	-2.90
MRPLK1LOAD_SIN		0.00	-9.83	-2.13	-33.14	-12.41	4.41	5.09	4.62	-1.50	0.06	-2.82	1.18	0.96	2.71	0.02	-0.25
PITCHRH_COS		7935.16	-9485.68	104.33	177.36	38.85	318.95	85.45	-33.61	-21.23	-11.69	11.24	128.56	-27.31	-36.60	-9.63	-138.21
PITCHRH_SIN		0.00	2084.21	-1679.48	-85.67	116.20	-3432.14	-216.69	120.31	-191.16	45.26	-71.89	27.16	10.05	-49.60	-56.26	92.12
ROLLRH_COS		7003.30	-2092.92	1659.95	-78.43	21.40	550.40	80.66	-120.59	123.78	-8.35	307.86	6.01	23.63	-116.95	20.61	77.32
ROLLRH_SIN		0.00	-9458.67	46.92	87.69	419.81	2787.63	-177.32	-150.19	-78.02	-146.11	90.35	81.34	-0.72	63.10	80.52	113.40
TORQ_COS		104078.64	612.62	-37.61	152.13	97.68	-89.49	-6.07	-2.72	19.70	7.81	4.61	-3.75	3.68	0.50	-1.49	2.50
TORQ_SIN		0.00	1137.92	-98.35	53.70	-129.63	436.91	-13.25	83.74	1.92	-7.32	70.58	2.18	3.39	6.47	-4.98	2.78
THRUST_COS		5662.03	-203.72	9.26	27.13	-4.26	25.98	-0.62	20.05	-1.16	-0.71	31.70	1.06	-6.51	0.38	4.88	-10.42
THRUST_SIN		0.00	-200.09	-29.36	-13.10	25.45	23.98	7.61	23.60	3.45	9.50	33.31	-10.22	-0.51	1.06	-0.49	-10.49

RUN	POINT	Harmonics															
46	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-127.86	66.11	-46.01	1.87	-35.27	-307.89	-6.92	3.15	-2.79	0.01	-15.88	0.12	-2.69	3.15	-0.63	-2.44
SIDERH_SIN		0.00	231.67	3.00	-7.39	-51.11	-199.92	-1.72	1.71	2.55	7.53	-5.52	-2.64	0.29	-1.87	-2.44	-2.91
DRAGRH_COS		-114.33	234.36	25.32	0.79	12.15	610.92	-4.55	-6.38	6.33	0.93	-5.54	-4.41	1.97	2.20	3.30	5.72
DRAGRH_SIN		0.00	-61.77	21.93	-2.32	6.86	194.62	39.60	1.66	-0.45	-2.19	15.58	-3.29	2.44	1.12	1.90	-3.69

RUN	POINT	Harmonics															
46	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.26	0.00	0.00	0.00	0.02	-0.01	-0.03	-0.02	0.00	0.00	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.65	-0.94	-8.97	-11.11	1.11	0.78	-1.04	0.17	0.04	0.21	-0.20	-0.02	0.14	-0.30	0.30	0.31
ACT1FORCE_SIN		0.00	20.65	3.11	-8.60	-3.32	2.58	-0.02	-0.09	-0.07	-1.78	-0.09	-0.09	0.10	0.11	-0.01	-0.71
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.09	0.01	-0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.07	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.69	-5.15	52.90	-142.78	-1.66	-9.13	6.14	-0.05	0.07	0.23	0.02	-0.01	0.04	0.01	-0.01	0.03
FA1IBVOLTAGE_SIN		0.00	-119.47	-22.51	266.89	29.53	-14.92	5.26	-0.12	-0.03	-0.01	-0.05	0.01	-0.02	-0.02	0.09	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.08	-0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.97	5.35	-53.34	142.30	2.05	9.47	-7.05	-0.08	0.02	-0.19	-0.04	-0.02	0.02	0.00	-0.01	-0.03
FA1OBVOLTAGE_SIN		0.00	119.93	22.97	-268.08	-30.00	15.12	-4.91	0.16	-0.07	0.12	0.08	-0.03	-0.02	0.02	-0.09	0.00
MRBLD1CB42P75_COS		-473.73	-1693.42	654.16	-182.88	-148.13	-109.37	-43.64	-49.21	-1.63	-18.87	-22.73	54.42	-14.79	-5.93	4.48	-8.32
MRBLD1CB42P75_SIN		0.00	1971.38	-35.22	129.15	412.59	-246.32	-20.38	-44.70	19.14	9.37	-74.13	15.04	23.12	12.71	-5.21	25.11

RUN	POINT	Harmonics															
46	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4474.47	-1298.47	532.95	-364.27	-38.93	-34.48	71.73	-25.14	0.28	-12.31	-16.69	40.12	-7.84	-1.25	3.92	-2.10
MRBLD1CB70_SIN		0.00	1451.82	-104.56	160.94	718.10	-225.31	56.26	-8.47	21.93	4.66	-23.67	3.79	15.20	4.55	-7.76	30.27
MRBLD1CB120_COS		-258.76	-784.22	419.15	-217.11	95.60	40.70	178.39	-9.26	12.06	13.62	12.03	-28.16	7.96	5.06	4.06	-2.62
MRBLD1CB120_SIN		0.00	951.74	-115.59	181.01	685.02	-90.32	132.93	8.67	-51.54	-22.78	39.96	0.22	-0.48	-0.81	0.40	2.43
MRBLD1CB164_COS		-1994.29	-256.95	106.40	-91.89	60.59	23.37	82.54	16.34	6.28	10.65	12.96	-27.14	5.83	-0.43	-7.71	2.21
MRBLD1CB164_SIN		0.00	328.68	-16.02	122.81	240.44	17.74	89.21	7.79	-47.42	-24.72	21.41	7.53	0.51	3.35	8.02	-19.98
MRBLD1FB42P75_COS		2531.49	381.05	20.82	664.80	119.59	-191.43	-75.45	-276.52	-68.28	-62.09	-70.98	42.88	3.47	2.17	6.98	30.24
MRBLD1FB42P75_SIN		0.00	-402.26	236.32	920.39	-57.55	79.86	-32.51	-18.23	-98.14	-71.57	-101.86	7.42	15.28	-4.58	-36.49	28.91
MRBLD1FB70_COS		599.88	111.37	10.33	144.31	39.67	-48.84	-9.11	-36.06	-1.04	0.83	0.69	-0.48	0.28	-0.43	-0.26	-5.42
MRBLD1FB70_SIN		0.00	-261.81	125.11	267.01	-8.09	-1.06	-3.73	1.63	-3.23	3.37	4.61	0.84	0.29	1.03	5.89	-7.02
MRBLD1FB87_COS		70.99	129.25	-43.57	41.76	11.76	-15.82	-0.61	25.63	11.16	14.78	19.58	-10.04	1.24	0.97	-0.60	-6.01
MRBLD1FB87_SIN		0.00	-317.86	109.52	150.82	-25.64	6.06	0.70	1.34	10.85	13.10	25.14	0.77	-2.34	2.72	10.37	-2.97
MRBLD1FB120_COS		-298.93	169.96	-145.82	-12.57	-32.22	17.67	-15.23	40.69	-4.07	-11.89	-12.93	1.67	-5.74	-1.88	0.92	9.24
MRBLD1FB120_SIN		0.00	-432.24	132.75	231.94	-21.04	37.32	18.43	0.65	8.02	-5.11	-17.01	-5.99	-3.58	-7.81	-16.78	4.69
MRBLD1FB164_COS		71.83	135.54	-133.79	182.48	-55.24	61.91	32.22	-51.79	3.19	17.47	19.50	-8.47	0.92	0.75	-2.75	-7.69
MRBLD1FB164_SIN		0.00	-524.28	88.26	279.07	204.88	-15.22	-30.83	-7.03	-8.93	9.97	25.32	3.83	-3.41	1.89	8.97	-1.90

RUN	POINT	Harmonics															
46	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-11.74	-13.56	-63.64	146.45	-5.73	34.50	20.47	-47.11	13.80	24.05	35.26	-24.94	-12.91	-7.90	0.86	12.08
MRBLD1FB180_SIN		0.00	-359.91	45.56	95.26	148.92	-9.42	-28.02	-14.10	4.56	31.32	44.70	-9.59	-15.07	-13.65	-21.30	3.84
MRBLD1TOR51_COS		-1465.00	157.98	46.44	251.85	-54.38	3.78	3.82	-31.47	-2.83	-5.43	1.49	-3.00	1.06	-0.29	6.34	2.85
MRBLD1TOR51_SIN		0.00	-113.49	14.86	100.82	152.23	-47.85	-26.82	-20.70	8.68	-2.99	7.73	-7.46	-5.72	-5.94	-4.65	-1.75
MRBLD1TOR71_COS		-320.64	177.85	10.75	236.86	-43.40	14.29	9.10	-17.53	-3.52	-3.09	0.09	-4.98	0.78	0.84	2.39	2.67
MRBLD1TOR71_SIN		0.00	-118.25	5.54	39.82	122.14	-35.86	-20.43	-10.87	12.84	1.87	11.83	-8.28	-3.43	-2.33	-2.87	-0.50
MRBLD1TOR130_COS		-53.08	149.32	12.75	220.71	-31.18	10.61	12.92	-16.73	-1.03	1.20	-0.35	0.62	-2.75	0.63	-5.64	-1.37
MRBLD1TOR130_SIN		0.00	-85.42	-38.62	-7.37	118.13	-31.45	-13.44	-10.92	2.63	-0.37	-3.63	0.81	5.35	5.59	1.02	2.31
MRBLD1TOR164_COS		-269.15	68.88	25.82	138.48	4.70	-8.30	7.25	-6.34	-1.79	3.08	0.68	-1.01	-3.01	2.05	-2.38	-2.37
MRBLD1TOR164_SIN		0.00	-19.39	-48.26	-71.79	56.21	-19.36	-7.10	-0.42	3.17	3.22	1.12	-1.95	1.20	2.18	-0.83	4.39
MRFBM1CB26P5_COS		-963.63	-1035.20	282.67	32.50	-113.71	-11.30	-23.79	-4.03	-1.14	0.43	1.33	1.40	-0.47	0.05	2.25	-1.17
MRFBM1CB26P5_SIN		0.00	889.20	83.73	-75.72	-54.26	-37.69	-27.39	-14.48	-3.03	-2.63	-14.88	2.71	0.54	0.10	-0.80	-0.09
MRFBM1FB9_COS		639.85	-135.10	-175.78	-47.36	0.12	28.10	11.32	10.37	-0.88	-0.13	-1.56	-0.63	0.68	-0.13	-1.27	1.01
MRFBM1FB9_SIN		0.00	-198.08	-81.77	-298.90	-14.85	7.75	2.59	11.07	4.40	3.01	3.93	-1.37	-0.08	0.18	-0.06	-1.32
MRFBM1TOR26P5_COS		-104.56	84.61	3.34	0.85	-3.04	0.54	-0.59	-0.18	0.14	-0.21	0.25	0.01	0.14	-0.09	0.20	0.04
MRFBM1TOR26P5_SIN		0.00	-263.17	1.03	0.84	2.96	-0.76	-1.07	-0.31	0.12	-0.17	0.24	0.07	-0.21	-0.22	0.01	-0.16

RUN	POINT	Harmonics															
46	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		206.46	-1205.64	527.73	-28.55	-106.96	-119.92	-68.94	-51.67	3.50	-13.19	-15.40	38.31	-9.78	-2.86	8.32	-8.44
MRPC1CB33P25_SIN		0.00	1677.03	-54.71	81.48	159.69	-148.82	-7.45	-40.77	-17.18	-3.51	-64.76	7.83	15.48	9.06	-6.15	22.80
MRPC1FB33P25_COS		1779.33	316.52	-81.26	405.47	121.41	-175.70	-45.94	-208.32	-3.56	-2.17	12.13	30.63	-6.99	3.98	32.50	-9.66
MRPC1FB33P25_SIN		0.00	-142.80	175.43	874.23	-2.86	6.85	-53.38	-138.98	-115.29	-88.52	-118.82	35.37	14.34	-0.38	-15.12	46.81
MRPC1TOR25P5_COS		-368.59	-81.50	-71.90	-246.23	62.47	-6.08	-2.47	26.20	2.98	13.59	-0.65	8.47	-5.49	2.33	-12.11	-5.23
MRPC1TOR25P5_SIN		0.00	-130.92	-15.41	-84.10	-149.99	43.70	34.55	18.70	-13.99	1.58	-16.84	12.58	15.80	14.30	4.76	11.73
MRPLK1LOAD_COS		5.48	-14.54	-9.08	-34.40	7.92	0.35	-1.15	4.44	0.73	2.22	-0.79	0.85	-1.32	1.00	-2.77	-0.82
MRPLK1LOAD_SIN		0.00	-11.41	-3.23	-15.49	-20.81	6.66	5.55	2.75	-1.71	1.06	-2.12	0.47	2.67	3.04	0.42	2.30
PITCHRH_COS		9642.46	-9501.73	-20.41	161.86	85.57	-1468.88	-110.90	60.18	-26.02	19.75	133.80	51.05	21.74	2.09	-44.84	-112.15
PITCHRH_SIN		0.00	2129.81	-1627.76	-61.10	79.61	-2775.25	-66.22	56.74	-281.39	50.71	-157.56	4.51	53.62	49.07	-17.34	50.25
ROLLRH_COS		6778.24	-2040.18	1635.00	-145.27	200.91	921.28	47.15	-140.17	133.31	-27.57	440.38	31.85	38.70	-27.27	118.02	11.91
ROLLRH_SIN		0.00	-9468.39	-13.75	143.82	390.53	1198.00	-200.86	-141.63	-12.78	-68.97	-83.11	42.39	32.39	58.21	23.47	221.42
TORQ_COS		103455.78	624.30	-46.35	130.97	69.18	81.76	-5.80	14.67	19.11	-1.27	11.14	-4.49	3.57	-2.28	-3.43	2.20
TORQ_SIN		0.00	1088.39	-96.63	68.30	-158.32	414.01	0.72	74.25	-20.50	-11.05	57.11	3.04	-6.04	2.33	-5.73	5.08
THRUST_COS		5712.00	-203.89	0.41	32.70	-1.63	75.53	1.72	22.39	-2.67	6.37	-15.58	-5.45	-3.59	2.36	-6.41	14.43
THRUST_SIN		0.00	-187.86	-32.14	-7.64	26.12	24.79	11.25	16.80	5.55	-0.06	31.74	-2.85	4.73	1.00	1.31	-22.73

RUN	POINT	Harmonics															
46	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-129.82	65.96	-43.24	-2.44	-55.24	-265.90	-1.83	0.92	-4.03	0.28	-14.61	-1.67	-2.08	0.65	-3.32	-0.76
SIDERH_SIN		0.00	229.07	6.03	-5.52	-27.25	-37.53	8.89	1.95	-0.18	4.15	1.92	-1.70	-0.27	-1.46	-0.88	-6.20
DRAGRH_COS		-100.20	233.86	25.80	0.26	16.27	559.06	22.12	-6.60	4.63	-2.31	-4.65	-3.24	-2.33	-0.58	1.46	7.15
DRAGRH_SIN		0.00	-63.16	18.46	-6.06	2.63	-43.47	23.42	4.44	0.50	-2.02	11.69	-1.34	0.35	-2.00	-0.97	-2.23

RUN	POINT	Harmonics															
46	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.69	0.00	0.00	0.00	0.01	-0.03	-0.09	0.01	0.01	-0.01	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.01	-0.01	0.01	-0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.20	-0.90	-6.95	-13.15	-2.02	2.04	-0.74	-0.21	-0.75	-1.93	0.20	0.17	-0.19	0.14	-0.18	-0.74
ACT1FORCE_SIN		0.00	20.36	1.97	-1.94	-3.98	1.23	0.77	0.40	-0.38	-0.29	-0.19	0.47	-0.17	0.28	-0.22	0.39
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.02	0.00	0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		379.75	-4.06	43.31	3.60	24.28	-15.50	7.01	0.11	-0.16	-0.08	-0.08	0.00	-0.12	0.02	0.05	-0.11
FA1IBVOLTAGE_SIN		0.00	-118.52	-13.43	304.90	27.90	-1.18	-0.37	0.06	0.03	-0.18	-0.11	0.02	-0.05	-0.03	-0.07	0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.11	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.02	0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.91	4.28	-43.56	-4.54	-24.19	15.81	-7.22	-0.08	0.09	0.19	0.11	-0.03	0.05	-0.03	-0.05	0.10
FA1OBVOLTAGE_SIN		0.00	118.91	13.96	-305.74	-28.48	1.15	1.32	0.11	-0.12	0.15	0.14	0.00	0.01	0.03	0.08	-0.01
MRBLD1CB42P75_COS		-475.87	-1553.97	597.56	-161.28	-31.39	-192.86	-56.39	-28.94	12.95	-34.38	-15.68	46.07	-2.49	-10.63	5.44	-5.58
MRBLD1CB42P75_SIN		0.00	1870.51	-80.86	165.69	448.49	-219.67	-27.50	-47.18	20.95	29.30	-75.13	-12.77	31.40	9.26	-3.77	29.15

RUN	POINT	Harmonics															
46	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4473.51	-1188.81	490.49	-345.12	189.79	-132.28	59.41	-11.30	13.19	-31.37	-6.38	35.07	0.62	-2.22	3.28	1.69
MRBLD1CB70_SIN		0.00	1385.92	-172.08	263.67	721.06	-240.66	1.78	-27.22	24.23	24.46	-28.01	-16.28	19.03	5.15	-8.05	40.62
MRBLD1CB120_COS		-246.10	-729.02	381.81	-170.97	286.79	-26.09	189.50	23.70	2.27	19.62	2.41	-23.00	4.28	7.22	5.93	-3.48
MRBLD1CB120_SIN		0.00	920.77	-171.89	265.87	657.21	-135.40	38.14	-19.02	-42.79	-23.45	39.20	13.90	-5.44	-2.59	-0.12	4.52
MRBLD1CB164_COS		-1984.75	-241.70	102.61	-47.83	113.30	13.41	97.89	24.28	-2.64	23.19	1.16	-23.78	3.61	-0.43	-6.17	0.88
MRBLD1CB164_SIN		0.00	322.38	-38.88	181.20	219.07	-14.12	43.69	-3.52	-44.50	-30.79	22.52	21.61	-2.65	1.42	8.65	-27.04
MRBLD1FB42P75_COS		2544.36	349.08	-19.23	1001.36	-72.05	-228.17	-91.01	-153.24	-96.40	-56.08	-78.47	35.24	9.53	-6.20	6.33	37.32
MRBLD1FB42P75_SIN		0.00	-370.94	312.51	893.45	-43.81	115.16	-40.48	-44.87	-90.87	-55.92	-83.11	-6.76	17.83	-1.24	-40.41	42.51
MRBLD1FB70_COS		602.43	107.17	-0.82	256.29	-11.68	-61.13	-11.84	-15.52	-3.52	1.28	1.68	-0.27	-0.57	1.14	-1.30	-6.80
MRBLD1FB70_SIN		0.00	-261.55	145.87	279.03	-10.93	7.33	-7.42	-3.69	-2.86	5.43	3.91	1.66	0.31	1.43	6.88	-8.40
MRBLD1FB87_COS		70.77	124.53	-42.86	107.21	-21.99	-15.06	0.50	15.12	13.87	13.45	21.25	-7.53	-1.31	2.68	-0.63	-7.86
MRBLD1FB87_SIN		0.00	-318.27	123.57	172.15	-29.07	4.94	0.79	2.66	10.61	8.94	21.57	4.88	-2.92	1.79	11.62	-5.95
MRBLD1FB120_COS		-303.64	164.85	-130.40	58.46	-53.09	28.43	-6.92	11.65	-1.72	-10.42	-14.25	-0.28	-2.87	-4.37	1.23	12.20
MRBLD1FB120_SIN		0.00	-438.33	153.11	278.05	-11.00	21.51	24.45	10.38	6.12	-6.39	-15.29	-8.82	-2.11	-6.09	-17.88	8.12
MRBLD1FB164_COS		61.46	145.69	-151.84	187.46	56.64	78.96	30.97	-12.82	1.84	15.18	21.33	-4.49	-3.49	2.37	-2.15	-8.59
MRBLD1FB164_SIN		0.00	-536.08	172.00	237.28	219.93	-12.76	-26.45	-20.52	-9.52	9.52	20.16	8.69	-2.70	-0.17	10.06	-3.53

RUN	POINT	Harmonics															
46	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.24	-5.34	-85.36	112.55	79.56	40.05	19.41	-11.55	15.05	23.90	35.54	-20.39	-13.61	-10.24	0.17	16.00
MRBLD1FB180_SIN		0.00	-368.75	108.68	41.07	152.96	-1.77	-28.01	-24.93	0.81	27.09	39.01	-3.48	-13.88	-12.30	-23.37	8.98
MRBLD1TOR51_COS		-1460.29	170.57	-19.18	239.35	28.91	-30.93	4.89	-20.41	3.19	-6.79	1.21	-3.69	-2.38	-0.18	6.49	-3.48
MRBLD1TOR51_SIN		0.00	-106.16	49.09	-16.29	170.93	-54.64	-27.18	-27.81	6.34	8.74	6.43	-2.82	-7.06	-5.34	-6.57	7.20
MRBLD1TOR71_COS		-317.34	187.04	-47.05	211.68	34.51	-13.20	11.49	-12.15	2.90	-1.71	-0.20	-6.29	-0.53	1.63	2.87	-1.26
MRBLD1TOR71_SIN		0.00	-109.85	38.17	-74.50	137.04	-42.11	-19.92	-19.54	12.43	9.47	12.80	-4.53	-4.61	-3.48	-2.39	3.97
MRBLD1TOR130_COS		-50.79	158.88	-40.69	174.31	48.85	-10.27	15.25	-9.63	1.88	6.12	-2.44	-1.10	0.31	1.08	-5.07	2.14
MRBLD1TOR130_SIN		0.00	-75.84	-6.34	-123.79	126.99	-32.41	-15.36	-17.97	4.04	1.02	2.18	-1.82	6.23	2.30	4.23	-2.80
MRBLD1TOR164_COS		-267.37	74.62	-7.74	93.98	41.62	-21.77	7.52	-2.98	-0.58	8.64	-0.61	-1.55	0.63	1.70	-1.49	3.70
MRBLD1TOR164_SIN		0.00	-9.22	-36.95	-151.62	50.48	-18.04	-11.30	-5.40	5.23	-0.63	4.94	-4.97	3.25	-0.44	1.57	-1.57
MRFBM1CB26P5_COS		-968.97	-927.88	261.23	14.41	-123.39	-17.55	-25.49	-2.70	-0.68	0.83	-0.58	1.39	-0.27	-0.89	2.83	-1.55
MRFBM1CB26P5_SIN		0.00	832.00	65.54	-112.48	-14.27	-28.52	-16.59	-10.10	-1.92	-3.46	-14.17	2.33	0.91	-1.08	-0.57	-1.23
MRFBM1FB9_COS		646.24	-172.56	-132.67	-129.79	17.38	34.23	8.69	4.69	-0.09	1.12	-1.12	-0.82	0.83	0.24	-1.36	1.76
MRFBM1FB9_SIN		0.00	-133.78	-120.50	-325.15	-12.34	6.27	2.60	7.90	5.12	2.44	4.07	-0.71	-0.26	0.50	0.06	-1.47
MRFBM1TOR26P5_COS		-104.66	84.26	2.72	0.86	-1.11	0.01	-0.75	-0.11	0.12	-0.57	0.29	0.15	-0.08	-0.10	0.16	-0.07
MRFBM1TOR26P5_SIN		0.00	-263.33	1.41	-0.06	4.04	-1.09	-0.71	-0.23	-0.14	0.27	-0.16	0.29	-0.25	-0.04	-0.16	0.04

RUN	POINT	Harmonics															
46	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		203.78	-1120.24	482.35	-16.26	-94.63	-165.17	-64.91	-30.82	6.15	-14.73	-17.15	30.57	-0.27	-6.89	9.07	-5.22
MRPC1CB33P25_SIN		0.00	1590.22	-72.61	71.76	190.79	-113.69	-5.43	-39.86	-12.25	10.92	-64.94	-9.37	22.80	5.63	-5.63	26.05
MRPC1FB33P25_COS		1790.35	289.60	-122.43	690.23	-38.19	-215.46	-58.56	-102.97	-28.11	-6.44	-6.56	33.83	-3.82	-4.25	37.61	-14.62
MRPC1FB33P25_SIN		0.00	-119.29	230.06	913.45	-33.46	24.59	-66.60	-110.02	-120.75	-74.29	-110.30	18.54	20.50	-6.26	-17.55	59.26
MRPC1TOR25P5_COS		-372.71	-93.71	-3.55	-224.01	-29.21	28.88	-3.35	17.59	-3.94	19.05	-1.92	6.96	4.26	2.65	-10.58	5.85
MRPC1TOR25P5_SIN		0.00	-140.36	-51.98	46.58	-173.40	53.13	34.20	25.83	-9.59	-15.38	-9.55	1.16	18.73	7.69	12.63	-4.80
MRPLK1LOAD_COS		4.73	-15.87	-0.13	-32.01	-4.67	5.46	-0.96	2.92	-0.05	3.96	-1.00	0.03	0.83	1.16	-2.35	1.01
MRPLK1LOAD_SIN		0.00	-12.78	-8.20	2.16	-24.53	7.90	5.40	3.56	-0.49	-2.19	0.02	-1.77	3.21	1.23	2.31	-0.96
PITCHRH_COS		10421.92	-9467.38	-145.68	205.93	117.26	-2947.72	-57.93	14.02	-159.61	44.50	153.47	22.65	91.75	76.90	1.86	-111.05
PITCHRH_SIN		0.00	2086.70	-1600.56	-66.04	6.94	-1527.44	58.25	-16.94	35.80	30.22	-226.92	45.32	13.73	13.78	-13.47	50.45
ROLLRH_COS		5741.08	-2027.09	1674.87	-158.73	285.40	567.83	-55.50	-144.23	94.02	5.71	265.37	30.99	55.06	7.94	32.88	106.60
ROLLRH_SIN		0.00	-9488.40	-104.17	148.05	315.32	-173.68	-264.17	-90.72	-70.82	-16.24	-243.31	-1.56	-3.22	13.15	-94.76	360.20
TORQ_COS		103244.53	612.42	-50.07	113.22	5.59	225.45	-4.31	15.13	1.85	-6.40	20.44	-3.46	-0.06	-1.95	-4.99	7.62
TORQ_SIN		0.00	1056.60	-85.31	86.52	-216.89	340.34	8.54	51.85	-24.41	-8.43	59.54	2.79	-1.68	5.09	-5.44	6.29
THRUST_COS		5733.13	-199.97	-7.50	33.08	4.59	119.36	7.03	19.28	3.10	-1.89	-6.51	-1.84	-0.74	0.96	0.48	-0.72
THRUST_SIN		0.00	-182.07	-32.67	-6.77	30.81	7.93	11.73	12.70	2.90	-8.11	75.61	-2.40	5.07	0.88	9.97	-44.97

RUN	POINT	Harmonics															
46	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.42	65.17	-45.33	-2.94	-55.75	-177.05	11.19	0.85	-4.21	-0.44	-6.72	-1.65	-2.10	-0.02	-0.95	-2.96
SIDERH_SIN		0.00	231.06	9.05	-4.95	-6.28	84.01	11.24	2.63	1.23	2.94	1.09	0.77	0.72	-0.23	2.50	-9.93
DRAGRH_COS		-91.59	234.46	26.58	-0.91	17.99	469.29	18.51	-4.93	0.96	-2.09	-10.40	-1.43	-2.36	-2.33	-0.64	5.21
DRAGRH_SIN		0.00	-61.29	13.53	-7.02	-0.57	-265.21	-11.10	6.22	-6.81	-0.87	8.58	0.79	4.02	0.06	1.36	-3.79

RUN	POINT	Harmonics															
46	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.05	0.00	0.00	0.00	0.00	-0.02	0.01	0.02	0.02	-0.01	0.00	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.03	0.10	-0.01	0.01	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.25	-1.16	-5.90	-11.10	-5.25	2.21	-0.05	-0.12	-0.75	-0.49	0.13	0.46	-0.27	0.01	-0.29	0.53
ACT1FORCE_SIN		0.00	20.33	-0.64	3.82	-2.50	-0.51	1.19	0.56	0.40	2.01	-0.26	0.21	-0.02	-0.11	0.36	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.11	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.03	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.55	-2.20	40.56	143.85	43.45	-11.88	5.02	0.16	-0.10	-0.24	-0.08	0.02	-0.04	-0.01	-0.05	0.09
FA1IBVOLTAGE_SIN		0.00	-118.99	3.28	270.37	9.63	11.38	-6.88	0.14	0.20	0.13	0.11	0.06	0.01	-0.03	-0.03	0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.10	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.04	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.09	2.38	-40.65	-144.67	-43.65	12.12	-4.36	0.06	0.01	0.25	0.11	-0.01	0.03	0.00	0.05	-0.07
FA1OBVOLTAGE_SIN		0.00	119.29	-2.85	-270.90	-10.20	-11.49	7.59	-0.09	-0.17	-0.23	-0.13	-0.03	0.06	0.04	0.02	-0.05
MRBLD1CB42P75_COS		-498.70	-1311.37	507.10	-109.65	66.80	-254.26	-27.93	-21.59	21.36	-18.63	-17.95	28.40	5.65	-12.48	21.67	-11.92
MRBLD1CB42P75_SIN		0.00	1806.10	-62.06	181.45	339.24	-144.84	-23.97	-15.34	10.31	47.61	-61.27	-10.95	26.98	15.03	-6.18	23.69

RUN	POINT	Harmonics															
46	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4451.60	-1016.94	416.60	-243.49	325.88	-191.33	53.91	-23.47	19.90	-22.06	-2.68	20.42	7.86	-0.91	16.16	4.32
MRBLD1CB70_SIN		0.00	1360.69	-205.06	324.93	471.90	-216.70	-66.01	-10.79	8.26	44.06	-29.39	-16.27	16.81	9.53	-10.09	33.93
MRBLD1CB120_COS		-251.39	-661.27	338.00	-61.89	341.93	-42.16	145.77	12.37	0.94	17.40	-7.14	-15.86	1.00	5.43	4.62	-1.48
MRBLD1CB120_SIN		0.00	946.47	-217.28	283.34	419.45	-176.95	-102.32	-40.97	-43.13	-31.91	38.74	12.16	-3.16	-3.75	0.98	3.63
MRBLD1CB164_COS		-1986.56	-224.74	93.07	30.88	105.73	20.52	78.11	16.72	-4.25	20.75	-11.57	-13.21	-1.06	-1.31	-15.37	-2.38
MRBLD1CB164_SIN		0.00	337.00	-65.91	188.03	128.88	-62.29	-33.83	-22.14	-40.05	-44.41	28.31	22.07	-3.41	-1.68	6.89	-22.70
MRBLD1FB42P75_COS		2578.89	291.03	-24.22	1205.94	-348.94	-208.72	-109.73	-78.11	-108.31	-36.16	-79.54	26.80	14.63	-4.19	29.10	34.41
MRBLD1FB42P75_SIN		0.00	-343.35	432.05	603.97	110.73	204.69	-38.22	-54.98	-80.33	-63.56	-35.25	-13.05	18.33	7.08	-59.80	44.45
MRBLD1FB70_COS		608.22	109.21	-2.65	339.91	-94.31	-57.99	-13.21	-2.98	-4.07	3.62	2.11	-0.02	-1.19	0.93	-6.54	-4.64
MRBLD1FB70_SIN		0.00	-264.78	184.50	198.34	18.04	32.55	-11.65	-4.43	-1.77	5.88	4.38	2.93	1.29	0.84	11.92	-9.86
MRBLD1FB87_COS		70.27	125.59	-37.63	165.04	-65.93	-12.74	1.53	7.25	15.48	7.86	21.60	-5.07	-2.40	1.98	-5.51	-7.89
MRBLD1FB87_SIN		0.00	-328.12	144.98	135.53	-11.91	7.12	-1.30	1.97	10.87	9.44	10.46	5.56	-2.61	-0.29	15.78	-6.31
MRBLD1FB120_COS		-310.21	169.03	-113.66	136.36	-54.76	26.19	1.04	-4.87	-0.09	-12.50	-15.13	-2.66	-1.03	-3.37	8.72	11.27
MRBLD1FB120_SIN		0.00	-468.37	177.63	252.95	7.67	-3.71	25.21	13.01	4.25	-6.14	-13.17	-10.17	-2.95	-4.60	-25.26	8.48
MRBLD1FB164_COS		55.46	165.55	-135.36	156.07	202.22	81.89	27.02	7.62	-0.19	13.42	20.88	-0.16	-4.33	0.92	-4.58	-9.00
MRBLD1FB164_SIN		0.00	-587.67	291.90	162.87	164.37	-44.64	-16.57	-22.71	-7.81	12.41	11.08	8.95	-0.49	-3.60	12.51	-2.51

RUN	POINT	Harmonics															
46	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.40	2.44	-70.45	48.96	171.86	45.88	16.09	3.43	9.28	18.76	34.66	-17.61	-11.04	-6.67	9.31	15.58
MRBLD1FB180_SIN		0.00	-404.15	193.81	4.64	99.36	-14.12	-21.18	-25.44	0.00	28.18	21.03	-9.48	-17.87	-12.11	-30.27	7.37
MRBLD1TOR51_COS		-1455.31	187.76	-59.84	157.83	100.42	-63.04	20.71	-17.22	6.58	4.51	2.04	-0.41	-2.52	0.29	6.17	5.75
MRBLD1TOR51_SIN		0.00	-104.98	122.57	-119.78	144.63	-30.53	-31.76	-21.14	-3.87	12.86	8.16	-2.58	-4.79	-4.38	-5.20	7.38
MRBLD1TOR71_COS		-314.23	199.75	-80.89	122.49	105.65	-40.18	25.18	-12.91	7.59	5.16	3.13	-5.33	0.55	1.30	3.72	2.70
MRBLD1TOR71_SIN		0.00	-107.89	103.68	-164.95	113.09	-23.27	-22.89	-15.25	4.42	9.53	14.79	-2.91	-4.12	-3.67	-1.68	3.50
MRBLD1TOR130_COS		-48.41	173.35	-71.13	69.90	124.11	-28.87	23.49	-8.62	4.77	7.39	-0.09	-5.81	3.25	-0.94	-2.71	-4.79
MRBLD1TOR130_SIN		0.00	-72.56	53.32	-197.35	95.43	-15.72	-18.88	-13.70	-0.10	-4.34	9.47	0.50	4.13	1.13	2.98	-4.56
MRBLD1TOR164_COS		-266.58	84.17	-27.73	13.62	64.70	-30.46	8.55	-3.29	1.51	2.89	2.95	-5.65	3.70	0.70	3.63	-5.43
MRBLD1TOR164_SIN		0.00	0.91	-12.99	-188.64	25.69	0.18	-14.20	-6.20	4.98	-7.93	6.83	-4.19	0.87	-1.27	0.56	-3.15
MRFBM1CB26P5_COS		-979.33	-763.85	221.01	-25.89	-89.30	-31.35	-18.13	2.71	0.26	1.58	-3.45	1.99	-0.38	-1.84	4.47	-3.53
MRFBM1CB26P5_SIN		0.00	791.57	78.21	-121.28	35.29	-17.26	2.89	-4.18	-0.66	-4.02	-9.73	1.90	0.53	-0.77	0.01	-1.09
MRFBM1FB9_COS		681.02	-260.96	-100.15	-206.09	48.67	35.95	2.73	1.96	0.02	0.57	0.13	-0.67	0.68	0.53	-2.06	1.96
MRFBM1FB9_SIN		0.00	-66.66	-202.61	-276.20	-14.37	-2.30	3.91	5.34	5.72	1.24	3.51	-0.47	-0.40	0.30	-0.61	-1.41
MRFBM1TOR26P5_COS		-104.69	84.72	2.39	0.25	1.24	-0.58	-0.27	-0.05	-0.09	-0.06	0.03	0.47	-0.25	-0.01	-0.04	0.25
MRFBM1TOR26P5_SIN		0.00	-263.53	2.36	-0.90	3.97	-0.90	-0.51	-0.16	-0.31	0.84	-0.45	0.12	-0.10	0.02	-0.10	0.10

RUN	POINT	Harmonics															
46	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		191.82	-954.14	419.76	-8.62	-69.86	-195.29	-35.65	-14.98	10.15	0.94	-25.28	19.39	5.75	-8.19	24.46	-11.36
MRPC1CB33P25_SIN		0.00	1526.90	-35.44	56.47	185.54	-50.07	-3.81	-19.02	-11.78	14.70	-48.35	-7.48	20.15	10.85	-7.21	20.54
MRPC1FB33P25_COS		1820.11	239.99	-142.72	913.58	-298.48	-225.41	-78.73	-39.68	-40.46	11.80	-35.08	31.51	0.87	-8.90	70.74	-20.95
MRPC1FB33P25_SIN		0.00	-99.78	323.45	714.20	27.48	101.29	-70.86	-86.79	-118.72	-70.86	-75.32	8.59	23.47	0.98	-10.91	57.01
MRPC1TOR25P5_COS		-376.99	-108.42	36.65	-126.34	-113.54	63.56	-20.57	15.08	-5.89	2.36	-0.22	-3.55	9.18	-0.99	-1.40	-16.18
MRPC1TOR25P5_SIN		0.00	-142.21	-128.57	154.93	-150.41	31.29	40.44	20.33	3.06	-25.82	-5.19	3.74	12.52	5.38	10.29	-7.55
MRPLK1LOAD_COS		4.09	-17.56	5.02	-19.09	-16.50	10.41	-3.19	2.23	0.22	0.57	0.07	-2.57	2.20	0.21	-0.22	-3.51
MRPLK1LOAD_SIN		0.00	-12.90	-18.47	17.09	-21.87	4.63	6.18	2.78	1.51	-5.05	1.35	-0.63	1.83	0.61	1.73	-1.70
PITCHRH_COS		12006.87	-9443.64	-233.33	185.49	161.92	-3556.87	-16.46	-20.83	-89.27	24.76	206.00	88.95	59.51	71.83	-3.13	-62.73
PITCHRH_SIN		0.00	2047.34	-1502.06	-59.44	-61.82	906.85	95.95	-96.87	84.16	-0.67	-197.63	65.71	-46.27	-50.28	-37.45	32.81
ROLLRH_COS		4576.14	-1937.90	1548.00	-181.92	329.87	-677.64	-108.60	-78.88	110.83	62.11	69.03	16.37	23.79	-2.65	-42.20	214.75
ROLLRH_SIN		0.00	-9547.17	-138.52	189.43	204.23	-1701.69	-204.87	9.15	-98.13	-70.79	-146.43	0.39	-49.36	-86.12	7.42	463.93
TORQ_COS		103138.70	525.10	-45.33	92.53	-29.69	371.00	-5.62	-16.14	-15.98	-1.32	31.89	-3.68	4.84	-1.33	-7.02	7.21
TORQ_SIN		0.00	1043.09	-72.27	108.22	-218.93	185.57	20.19	14.21	-27.00	-0.42	35.70	2.07	-5.42	3.69	-3.24	3.73
THRUST_COS		5824.13	-177.99	-17.60	34.06	8.43	156.79	7.14	3.15	4.02	-15.27	38.68	-3.33	1.09	-2.65	5.34	-14.96
THRUST_SIN		0.00	-193.09	-25.45	-2.20	30.87	-41.82	10.84	9.62	3.03	-3.45	77.93	-1.56	-0.69	0.98	4.58	-40.51

RUN	POINT	Harmonics															
46	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.60	66.98	-38.78	-3.22	-49.44	7.35	12.96	1.34	-4.08	-2.09	-6.05	-0.12	-0.49	0.51	0.72	-6.34
SIDERH_SIN		0.00	228.32	7.46	-1.26	21.04	172.63	10.55	1.48	2.17	5.20	-4.29	1.10	2.03	2.39	-0.63	-13.43
DRAGRH_COS		-72.80	234.45	25.17	-2.77	15.43	119.56	8.84	-0.99	-4.16	1.07	-20.47	-1.55	0.02	-2.95	1.98	2.70
DRAGRH_SIN		0.00	-62.50	12.56	-8.59	-6.84	-397.83	-23.60	1.75	-3.04	-1.92	4.83	-1.36	2.42	2.73	2.16	-0.87

RUN	POINT	Harmonics															
46	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.31	0.00	0.00	0.00	0.01	-0.04	0.02	0.02	0.01	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.69	0.00	0.00	0.00	0.04	0.01	0.08	-0.02	0.01	0.00	0.00	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-25.83	-1.22	-12.40	-0.97	4.81	-2.07	-0.23	0.61	-0.84	-0.45	0.50	0.23	-0.05	0.30	0.02	-0.54
ACT1FORCE_SIN		0.00	19.97	2.65	-14.24	0.84	2.71	-1.27	0.83	0.43	1.72	-0.51	0.29	-0.08	0.10	0.33	-0.62
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.00	-5.62	79.96	-281.54	-37.17	12.23	-1.89	0.20	0.10	-0.18	-0.06	0.02	-0.06	0.06	0.07	0.01
FA1IBVOLTAGE_SIN		0.00	-118.61	-26.84	14.45	3.21	-19.23	10.46	-0.19	0.14	0.12	-0.05	-0.01	0.04	0.02	0.07	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.01	0.01	0.00	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.62	5.75	-80.41	282.08	37.72	-12.15	1.91	-0.20	0.02	0.09	0.05	0.01	0.00	-0.09	-0.04	-0.03
FA1OBVOLTAGE_SIN		0.00	118.98	27.07	-15.35	-3.23	19.72	-11.18	-0.05	-0.05	-0.15	0.03	0.00	-0.05	-0.05	-0.07	0.03
MRBLD1CB42P75_COS		-435.46	-2490.21	600.51	-178.95	-308.56	35.36	-42.93	-7.85	13.61	3.48	-38.82	29.87	-13.92	-9.56	13.80	-6.90
MRBLD1CB42P75_SIN		0.00	1386.46	65.65	32.97	337.59	-222.83	-2.38	-70.55	-7.20	31.74	-91.96	55.99	12.00	-0.96	-6.44	18.62

RUN	POINT	Harmonics															
46	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4495.86	-1807.98	456.65	-306.79	-352.48	27.95	39.38	-18.89	3.91	16.77	-48.34	22.87	-5.74	-2.14	8.86	2.50
MRBLD1CB70_SIN		0.00	1026.01	14.26	-2.21	619.54	-169.21	182.29	-22.09	-10.86	29.58	-22.79	38.15	9.36	-1.52	-10.39	25.61
MRBLD1CB120_COS		-271.07	-977.72	355.49	-210.42	-162.80	-11.04	74.59	-21.65	21.28	-4.51	9.17	-17.39	6.30	6.50	3.30	-1.66
MRBLD1CB120_SIN		0.00	736.45	-10.05	45.03	668.64	-32.76	327.13	-47.18	-28.40	-19.47	41.53	-23.38	3.00	1.30	1.49	1.11
MRBLD1CB164_COS		-1993.68	-302.48	71.57	-96.75	-15.27	-48.63	16.96	0.20	8.05	-15.27	34.55	-15.71	3.20	-0.63	-7.53	-2.60
MRBLD1CB164_SIN		0.00	266.51	11.60	19.89	277.43	32.75	160.88	-7.05	-24.11	-34.34	13.22	-17.39	0.58	3.07	8.59	-15.82
MRBLD1FB42P75_COS		2521.40	570.49	121.67	246.12	467.23	-83.73	-78.56	-234.50	-32.76	-66.39	-90.93	21.38	-5.90	-3.57	20.19	23.37
MRBLD1FB42P75_SIN		0.00	-288.21	184.50	735.93	242.52	52.38	48.87	-299.56	-40.42	0.59	-157.11	20.94	15.34	-7.17	-43.42	24.15
MRBLD1FB70_COS		611.80	103.38	36.39	28.40	129.08	-18.98	-12.55	-27.83	2.97	2.54	-1.74	2.09	2.14	1.06	-3.24	-3.31
MRBLD1FB70_SIN		0.00	-243.45	98.09	175.62	91.51	-6.87	15.24	-45.08	1.40	8.76	4.67	0.81	0.42	1.86	8.05	-5.18
MRBLD1FB87_COS		87.28	125.78	-33.21	-10.99	63.78	-18.30	-4.34	19.66	6.75	13.76	22.99	-6.69	2.48	0.97	-4.64	-6.14
MRBLD1FB87_SIN		0.00	-290.37	79.54	77.38	28.91	6.26	-2.44	25.28	3.40	1.11	37.00	-4.60	-1.93	3.53	11.77	-3.06
MRBLD1FB120_COS		-281.49	152.83	-140.44	-59.67	2.29	-25.73	-16.38	33.70	-13.10	-11.42	-9.05	-1.43	-5.11	-1.12	7.67	9.21
MRBLD1FB120_SIN		0.00	-394.72	81.87	119.91	-16.17	48.91	-14.09	67.23	2.62	-14.80	-18.26	-1.00	-3.83	-7.91	-18.16	3.95
MRBLD1FB164_COS		79.13	110.15	-13.71	107.01	-217.15	49.16	43.72	-34.16	10.11	11.62	13.27	-4.38	4.27	0.13	-7.61	-6.94
MRBLD1FB164_SIN		0.00	-484.79	1.66	367.34	16.32	-13.59	-11.48	-98.68	4.47	16.95	30.25	-4.86	-2.92	4.28	8.78	-4.24

RUN	POINT	Harmonics															
46	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-10.07	-23.60	36.67	113.72	-142.85	49.75	26.60	-32.38	9.88	14.48	42.05	-21.90	-9.98	-5.53	8.28	11.71
MRBLD1FB180_SIN		0.00	-335.59	-6.05	229.92	14.96	-15.56	2.35	-96.06	10.52	13.54	69.29	-18.33	-15.12	-12.37	-22.16	5.26
MRBLD1TOR51_COS		-1469.16	141.86	158.37	131.01	-141.80	54.71	-9.99	-19.77	-7.29	3.44	-0.35	1.19	-1.10	1.45	6.79	-1.07
MRBLD1TOR51_SIN		0.00	-137.64	39.23	300.49	36.21	-11.83	-18.73	-47.09	4.77	4.73	11.23	-3.34	-4.32	-5.22	-0.95	4.30
MRBLD1TOR71_COS		-323.44	174.34	114.37	136.34	-129.04	55.52	-1.82	-14.90	-5.79	5.11	1.43	-0.66	-0.09	1.20	3.31	-1.34
MRBLD1TOR71_SIN		0.00	-131.42	24.23	243.73	8.65	-4.86	-18.86	-26.15	6.60	3.31	17.91	-5.64	-3.77	-3.40	0.39	2.10
MRBLD1TOR130_COS		-57.90	147.45	113.86	145.33	-130.69	46.89	2.50	-13.18	0.84	1.88	6.22	-0.19	-1.92	-1.60	-3.93	-1.46
MRBLD1TOR130_SIN		0.00	-102.84	-20.93	212.37	6.89	-12.65	-11.12	-29.51	2.78	-1.12	-2.95	3.56	1.18	1.07	0.48	-2.28
MRBLD1TOR164_COS		-272.10	72.82	79.64	104.33	-49.47	17.50	-3.11	-10.15	0.70	5.78	2.97	-2.66	0.30	-0.01	-0.86	0.57
MRBLD1TOR164_SIN		0.00	-39.51	-24.11	85.88	22.83	-11.62	-4.11	-9.38	-0.03	-4.56	7.24	-2.96	-2.33	0.00	-2.19	-1.18
MRFBM1CB26P5_COS		-900.91	-1466.03	277.90	28.30	-77.73	21.22	-14.74	4.18	2.84	-4.23	7.01	0.87	-1.33	-0.47	3.35	-2.05
MRFBM1CB26P5_SIN		0.00	502.18	112.48	-17.42	-109.90	-30.66	-49.51	-18.15	0.55	-1.86	-21.72	1.32	-0.59	-0.69	0.63	-1.06
MRFBM1FB9_COS		582.30	252.71	-255.47	31.52	-21.67	18.76	19.65	-1.35	0.07	1.74	-1.96	0.66	0.87	-0.14	-1.43	0.92
MRFBM1FB9_SIN		0.00	-109.76	-74.73	-210.02	-56.89	5.30	3.82	20.84	2.95	0.70	5.54	-1.24	0.48	0.44	-0.25	-0.89
MRFBM1TOR26P5_COS		-103.46	89.09	5.26	-0.11	-4.58	0.98	-0.02	0.18	-0.16	-0.02	-0.20	0.12	0.06	0.05	0.11	0.08
MRFBM1TOR26P5_SIN		0.00	-271.56	1.07	2.21	-1.01	0.02	-1.08	-0.20	0.16	0.36	0.16	0.02	0.04	-0.01	0.01	0.07

RUN	POINT	Harmonics															
46	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		219.70	-1867.43	475.87	-63.78	-134.26	-9.00	-83.29	-14.48	27.75	-4.39	-23.03	25.61	-8.32	-6.53	15.26	-7.74
MRPC1CB33P25_SIN		0.00	1273.04	15.62	43.00	150.11	-161.65	-31.51	-75.11	-17.11	4.90	-83.06	31.75	9.07	-1.37	-6.73	16.89
MRPC1FB33P25_COS		1773.76	467.96	-1.06	95.66	339.44	-81.90	-74.81	-65.16	-0.44	-42.76	27.13	6.02	-13.47	2.24	47.21	-9.78
MRPC1FB33P25_SIN		0.00	-38.37	151.18	640.23	321.71	14.78	15.66	-341.45	-56.48	-36.41	-168.27	31.75	6.36	-6.78	-9.28	36.38
MRPC1TOR25P5_COS		-358.03	-69.73	-191.28	-122.42	156.75	-55.64	9.68	17.69	10.22	1.78	8.23	-0.62	-1.65	-3.35	-8.41	-2.61
MRPC1TOR25P5_SIN		0.00	-124.55	-39.66	-309.77	-10.75	5.79	25.09	38.57	-8.71	-11.11	-20.47	10.43	7.69	6.90	2.23	-3.54
MRPLK1LOAD_COS		7.10	-13.35	-24.69	-17.37	20.18	-6.90	-0.28	2.77	2.41	0.41	1.74	-0.52	-0.24	-0.43	-2.02	-0.95
MRPLK1LOAD_SIN		0.00	-11.13	-6.11	-45.49	-1.22	1.21	3.60	5.70	-1.21	-2.27	-2.02	0.62	0.50	0.96	-0.05	-0.87
PITCHRH_COS		3302.27	-9510.48	183.31	131.45	-25.29	1781.44	119.73	-85.31	82.97	8.52	-108.76	132.72	-47.09	59.51	56.27	-163.09
PITCHRH_SIN		0.00	2087.59	-1600.59	-91.59	125.66	-2727.59	0.87	115.42	-181.52	-17.56	-136.69	83.69	-43.26	-25.55	-59.95	80.63
ROLLRH_COS		4885.51	-2080.11	1679.77	43.35	-55.89	-530.63	131.56	-118.04	80.77	78.70	206.11	-39.10	-44.04	-73.27	-21.20	77.42
ROLLRH_SIN		0.00	-9473.58	75.90	126.22	343.98	3771.19	-182.52	-130.09	-51.41	-124.50	44.95	108.03	-33.49	-3.44	35.82	268.62
TORQ_COS		104717.39	529.13	-17.94	191.54	111.20	-265.95	-11.43	-21.90	1.30	7.74	-6.93	-6.20	-1.76	-1.41	-0.44	1.25
TORQ_SIN		0.00	1193.11	-94.46	36.08	-118.30	364.09	-10.13	43.56	4.79	-7.26	73.54	7.78	6.38	6.77	-2.69	-1.12
THRUST_COS		5550.69	-199.73	17.67	25.64	-8.34	-18.27	-3.41	6.94	-0.05	-7.15	41.29	6.69	-2.41	1.46	-2.10	-10.39
THRUST_SIN		0.00	-203.43	-27.44	-27.82	25.89	9.39	8.72	18.50	4.93	2.69	78.71	1.03	-6.25	-0.92	7.75	-20.48

RUN	POINT	Harmonics															
46	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.61	66.01	-45.61	3.28	-20.74	-248.09	-1.86	3.10	-3.25	-3.97	-12.47	2.64	0.43	1.97	0.59	-3.14
SIDERH_SIN		0.00	226.21	1.43	-5.51	-50.41	-330.09	3.74	0.57	2.12	6.09	-9.66	-3.97	-0.36	-0.29	-1.51	-7.78
DRAGRH_COS		-161.19	234.60	22.75	-0.34	12.12	536.41	1.58	-10.86	3.14	-3.84	-12.52	-6.30	0.01	-1.34	-1.96	6.79
DRAGRH_SIN		0.00	-60.84	24.02	-0.66	5.86	363.13	35.89	0.78	0.14	1.23	14.91	-6.45	4.73	1.30	4.58	-4.94

RUN	POINT	Harmonics															
46	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-1.18	0.00	0.00	0.00	0.01	-0.04	-0.03	0.01	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.90	-0.01	0.00	0.00	0.04	0.01	0.09	-0.01	0.01	0.00	0.00	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.61	-1.01	-13.47	1.30	5.16	-2.14	0.14	0.74	-0.89	-1.34	0.49	0.08	0.06	0.31	-0.17	0.13
ACT1FORCE_SIN		0.00	20.02	1.98	-14.54	1.77	2.52	-1.34	1.11	0.38	1.40	-0.40	0.17	-0.12	0.24	0.37	-0.75
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.03	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.30	-7.24	87.36	-279.35	-40.50	12.59	-4.16	0.37	0.07	-0.24	-0.05	0.04	-0.05	0.02	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-119.26	-22.83	-29.74	-5.19	-17.80	9.66	-0.15	0.20	0.02	-0.08	0.00	-0.03	0.01	0.03	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.03	0.00	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.10	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.29	7.35	-87.83	279.99	41.07	-12.57	4.41	-0.27	0.02	0.17	0.06	0.00	0.02	-0.04	0.03	-0.02
FA1OBVOLTAGE_SIN		0.00	119.62	23.00	29.01	5.25	18.29	-10.31	-0.08	-0.10	-0.09	0.05	0.00	0.00	-0.04	-0.03	0.06
MRBLD1CB42P75_COS		-455.77	-2030.24	652.79	-173.70	-329.74	49.98	-44.31	-25.35	8.62	-9.97	-26.79	24.21	-17.64	-6.91	17.84	-9.04
MRBLD1CB42P75_SIN		0.00	1378.25	112.75	35.71	282.91	-196.99	7.36	-90.39	-5.19	44.88	-120.35	69.25	13.46	-0.11	2.01	18.08

RUN	POINT	Harmonics															
46	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4495.36	-1512.79	476.83	-281.09	-391.71	6.57	6.15	-42.01	1.26	3.58	-51.61	18.73	-10.05	0.81	15.01	-0.69
MRBLD1CB70_SIN		0.00	1033.12	46.04	-8.77	546.35	-115.19	191.96	-38.53	-11.56	40.66	-42.11	43.62	11.66	0.38	-4.54	27.46
MRBLD1CB120_COS		-252.46	-868.76	357.28	-194.31	-206.92	-52.86	15.26	-29.41	21.07	-6.32	2.58	-16.00	5.67	5.45	1.50	-1.65
MRBLD1CB120_SIN		0.00	742.01	7.66	26.99	623.38	24.43	326.26	-58.59	-22.03	-33.71	50.81	-30.75	2.75	2.03	1.40	1.30
MRBLD1CB164_COS		-1987.30	-282.46	67.11	-84.38	-31.40	-75.12	-11.64	6.03	6.17	-11.49	37.42	-14.68	4.06	-3.91	-12.51	-2.46
MRBLD1CB164_SIN		0.00	265.75	13.56	-0.15	268.84	52.90	156.85	-6.46	-19.12	-50.00	25.17	-19.81	-1.40	1.45	3.86	-17.15
MRBLD1FB42P75_COS		2551.05	469.88	165.48	181.82	457.41	-42.09	-84.53	-250.94	-28.91	-96.02	-76.99	27.41	-9.61	-2.73	34.26	22.61
MRBLD1FB42P75_SIN		0.00	-284.20	183.14	637.34	326.36	46.27	51.82	-334.30	-23.08	-3.53	-192.63	28.46	17.11	-7.57	-41.04	24.23
MRBLD1FB70_COS		612.30	107.40	52.15	13.90	123.47	-8.09	-14.96	-32.08	2.91	0.39	-2.92	1.87	2.02	0.89	-5.84	-3.21
MRBLD1FB70_SIN		0.00	-248.97	104.41	138.68	114.30	-6.56	16.29	-50.53	4.04	10.01	4.16	0.76	0.73	1.89	7.46	-4.84
MRBLD1FB87_COS		82.10	123.84	-26.98	-14.46	63.24	-16.96	-4.06	20.95	6.91	19.66	20.40	-7.47	3.95	1.30	-7.68	-5.66
MRBLD1FB87_SIN		0.00	-295.74	82.43	52.25	42.69	5.20	-2.80	28.46	1.13	1.68	46.04	-6.97	-2.10	4.04	11.75	-2.87
MRBLD1FB120_COS		-290.66	149.93	-132.83	-53.80	13.23	-34.04	-12.46	39.65	-14.29	-9.34	-7.59	-1.99	-6.74	-1.55	11.73	8.70
MRBLD1FB120_SIN		0.00	-402.75	81.26	88.81	-12.89	47.46	-17.09	74.91	-1.31	-17.25	-20.57	-0.46	-4.54	-9.05	-18.38	3.07
MRBLD1FB164_COS		76.55	107.51	24.82	81.98	-211.44	36.98	42.85	-38.96	11.36	12.71	11.32	-2.65	5.94	-0.04	-10.67	-6.88
MRBLD1FB164_SIN		0.00	-499.52	15.80	368.09	-25.71	-15.18	-14.57	-111.22	7.49	19.63	34.29	-6.98	-1.61	4.95	9.08	-4.95

RUN	POINT	Harmonics															
46	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.32	-27.18	66.50	92.34	-143.95	46.40	24.78	-39.15	10.10	24.26	38.76	-21.75	-11.00	-5.39	11.71	11.47
MRBLD1FB180_SIN		0.00	-346.48	4.58	248.08	-16.83	-15.89	1.63	-106.18	9.83	13.84	86.37	-22.61	-17.18	-14.11	-22.64	2.78
MRBLD1TOR51_COS		-1466.99	147.14	182.07	87.55	-153.88	57.72	-10.65	-23.73	-6.72	1.11	-2.49	0.77	-1.73	2.57	7.24	0.02
MRBLD1TOR51_SIN		0.00	-142.47	60.68	319.28	5.70	-3.45	-23.63	-48.49	8.99	5.90	12.46	-3.29	-5.92	-6.26	-0.11	3.38
MRBLD1TOR71_COS		-321.95	174.56	134.02	96.19	-138.85	56.92	-2.00	-18.44	-5.14	5.28	-1.96	-0.90	0.25	2.45	3.37	0.24
MRBLD1TOR71_SIN		0.00	-136.29	42.81	265.11	-20.42	1.55	-23.17	-25.59	10.02	4.22	20.74	-5.91	-4.88	-4.18	0.25	1.09
MRBLD1TOR130_COS		-57.32	150.15	131.43	109.18	-140.11	47.74	0.88	-16.40	0.87	2.20	7.05	-0.85	-1.07	-0.90	-4.02	-0.94
MRBLD1TOR130_SIN		0.00	-106.73	-4.74	240.39	-22.02	-8.45	-14.03	-30.87	6.16	-2.86	-2.69	5.02	1.81	1.27	-0.30	-2.51
MRBLD1TOR164_COS		-273.07	77.39	86.27	82.73	-58.77	20.86	-4.80	-12.26	0.91	9.50	1.13	-2.39	1.76	0.01	-0.43	0.08
MRBLD1TOR164_SIN		0.00	-40.56	-15.36	108.54	10.63	-8.84	-4.70	-10.10	0.89	-4.73	8.93	-3.29	-1.31	0.65	-2.64	-1.50
MRFBM1CB26P5_COS		-891.53	-1168.61	293.20	12.93	-62.46	30.04	-8.38	6.67	2.71	-4.70	12.21	0.80	-0.91	-0.60	2.94	-1.44
MRFBM1CB26P5_SIN		0.00	534.36	132.74	-5.16	-116.73	-35.57	-48.33	-18.81	1.05	-2.65	-23.14	2.98	-0.85	-0.99	1.24	-1.64
MRFBM1FB9_COS		636.93	3.44	-287.49	40.01	-17.00	14.59	19.62	-1.74	0.27	2.61	-3.21	0.79	1.01	-0.15	-1.53	1.10
MRFBM1FB9_SIN		0.00	-76.11	-95.41	-182.82	-63.05	3.17	5.63	22.95	2.33	1.20	6.06	-1.65	0.59	0.38	-0.87	-0.91
MRFBM1TOR26P5_COS		-105.29	92.51	5.05	-0.39	-4.52	1.01	0.29	0.23	-0.13	-0.20	-0.22	0.13	-0.03	0.00	0.10	0.02
MRFBM1TOR26P5_SIN		0.00	-258.22	1.51	2.30	-1.90	0.08	-1.22	-0.18	0.13	0.51	0.13	-0.02	0.00	-0.02	0.05	0.09

RUN	POINT	Harmonics															
46	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		213.97	-1519.28	540.45	-62.00	-143.96	15.73	-76.14	-24.65	24.19	-11.22	-9.39	23.61	-10.75	-4.25	18.84	-8.64
MRPC1CB33P25_SIN		0.00	1234.72	49.77	56.07	129.03	-154.91	-28.47	-89.71	-11.86	9.55	-104.54	41.93	9.99	-0.45	1.10	15.96
MRPC1FB33P25_COS		1794.99	379.44	36.45	62.42	311.82	-48.04	-81.83	-64.54	-4.80	-62.75	58.94	4.98	-16.42	3.30	54.07	-10.29
MRPC1FB33P25_SIN		0.00	-40.73	152.29	548.81	389.37	21.77	17.71	-375.73	-41.76	-55.16	-187.18	41.18	5.57	-6.38	3.90	36.06
MRPC1TOR25P5_COS		-367.47	-62.50	-214.75	-75.42	167.12	-57.85	9.67	20.64	8.96	6.16	12.57	-0.63	0.28	-3.74	-8.59	-2.08
MRPC1TOR25P5_SIN		0.00	-101.61	-61.23	-332.77	23.49	-3.05	31.54	38.31	-12.71	-14.10	-22.39	12.18	10.62	8.49	0.92	-3.56
MRPLK1LOAD_COS		5.74	-11.80	-27.93	-10.98	21.54	-7.15	-0.57	2.97	2.20	1.62	2.18	-0.59	0.39	-0.24	-1.92	-0.47
MRPLK1LOAD_SIN		0.00	-7.95	-8.71	-48.54	3.55	0.11	4.49	5.68	-1.65	-2.96	-2.04	0.99	1.11	1.25	-0.51	-1.09
PITCHRH_COS		7165.77	-9505.46	242.23	164.47	-37.29	2333.39	296.28	-96.67	149.88	-40.59	-192.82	99.01	-23.47	72.80	83.30	-138.87
PITCHRH_SIN		0.00	2038.34	-1624.69	-134.54	114.72	-2357.45	-104.09	99.24	-63.23	-4.93	-171.57	124.43	-85.10	-22.64	2.21	70.15
ROLLRH_COS		4062.44	-2048.32	1712.20	-10.52	-98.21	-1085.27	77.38	-92.15	30.43	122.29	199.10	-51.71	-23.22	-38.42	-39.47	42.97
ROLLRH_SIN		0.00	-9463.35	111.38	117.26	278.64	3851.14	-112.02	-214.42	7.35	-149.01	-15.62	95.16	-27.12	-32.42	40.85	318.95
TORQ_COS		104878.56	520.44	-27.06	214.99	132.39	-301.64	5.07	-29.54	-0.68	4.99	-19.86	-6.35	-7.48	-2.38	-2.89	-0.70
TORQ_SIN		0.00	1155.26	-102.96	52.82	-112.18	330.90	-11.07	56.16	6.19	-3.01	85.95	5.51	1.99	8.31	-4.07	-2.87
THRUST_COS		5707.59	-193.15	19.08	31.03	-11.95	-41.31	-1.00	6.19	-3.12	-4.39	29.94	5.06	2.73	2.34	-8.80	-6.69
THRUST_SIN		0.00	-208.75	-23.88	-26.46	22.66	-6.57	1.89	21.85	1.30	-2.04	107.00	10.65	-4.21	0.02	5.31	-28.65

RUN	POINT	Harmonics															
46	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-150.68	66.18	-48.53	6.12	-7.67	-200.48	-2.31	5.31	-2.14	-5.02	-10.51	2.95	0.42	1.40	1.43	-2.31
SIDERH_SIN		0.00	230.28	-1.03	-8.84	-42.78	-368.93	-10.38	3.84	1.34	8.06	-9.30	-2.87	-0.23	0.90	-1.31	-9.44
DRAGRH_COS		-116.47	235.03	22.20	-0.78	10.37	451.43	-34.27	-7.04	0.32	1.72	-13.03	-2.27	-1.31	-2.27	-4.28	7.02
DRAGRH_SIN		0.00	-61.08	27.29	0.89	4.66	434.87	36.58	-3.38	2.04	2.62	10.74	-5.84	6.29	0.60	1.76	-4.45

RUN	POINT	Harmonics															
46	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-1.41	0.00	0.00	0.00	0.01	-0.03	0.05	0.01	0.01	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.45	0.00	0.00	0.00	0.03	0.02	0.06	-0.02	0.00	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-26.21	-0.89	-11.70	-3.22	4.82	-1.53	-0.30	0.56	-0.56	0.48	0.40	0.33	-0.18	0.28	0.13	-0.79
ACT1FORCE_SIN		0.00	19.96	3.28	-14.19	-0.01	2.94	-1.11	0.57	0.65	1.65	-0.56	0.19	0.01	-0.07	0.22	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.59	-7.42	73.74	-276.32	-35.51	8.52	-0.80	0.15	0.12	-0.10	-0.04	0.03	-0.04	-0.02	0.07	-0.04
FA1IBVOLTAGE_SIN		0.00	-117.42	-30.57	67.02	10.24	-21.48	10.21	-0.22	0.10	0.26	0.04	-0.04	0.09	0.07	0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	0.01	0.00	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.01	7.55	-74.20	276.69	36.07	-8.34	0.55	-0.20	0.01	0.00	0.01	-0.01	-0.01	-0.01	-0.07	0.05
FA1OBVOLTAGE_SIN		0.00	117.79	30.84	-67.99	-10.35	21.92	-10.94	0.01	-0.05	-0.26	-0.06	0.01	-0.06	-0.05	-0.03	-0.01
MRBLD1CB42P75_COS		-465.38	-2183.37	629.46	-186.49	-321.93	-4.58	-33.84	-13.45	-7.93	2.08	-23.78	36.38	-12.75	-10.19	11.55	-5.04
MRBLD1CB42P75_SIN		0.00	1356.76	49.81	45.51	361.75	-221.42	-20.15	-57.78	-1.48	22.57	-94.32	46.71	14.38	3.07	-11.36	22.49

RUN	POINT	Harmonics															
46	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4483.35	-1599.65	485.67	-334.77	-357.97	-21.95	57.68	-14.19	-14.42	13.61	-31.96	29.16	-5.90	-0.94	6.36	3.08
MRBLD1CB70_SIN		0.00	1022.99	2.62	15.67	686.22	-144.78	154.54	-12.56	-3.38	21.26	-32.07	29.92	10.44	0.55	-15.43	28.31
MRBLD1CB120_COS		-274.42	-893.00	373.51	-233.61	-167.56	-43.86	102.84	-13.82	24.72	-1.91	0.38	-21.58	4.86	6.51	3.68	-3.42
MRBLD1CB120_SIN		0.00	745.12	-19.43	64.03	723.53	5.00	302.63	-31.83	-33.81	-19.41	44.39	-18.37	-0.05	-0.39	0.26	2.14
MRBLD1CB164_COS		-1995.80	-284.01	77.83	-111.55	-15.08	-54.23	29.64	6.08	18.38	-11.62	18.91	-20.05	2.97	-2.01	-6.91	-2.40
MRBLD1CB164_SIN		0.00	269.82	12.01	38.19	290.29	53.60	158.43	-5.49	-30.41	-30.85	21.21	-12.40	-1.16	2.25	11.32	-18.08
MRBLD1FB42P75_COS		2544.50	498.87	85.90	262.70	442.57	-93.09	-67.86	-233.34	-34.20	-61.78	-83.30	19.28	-3.91	-4.44	10.10	33.10
MRBLD1FB42P75_SIN		0.00	-274.41	160.91	811.75	150.13	43.99	16.07	-230.79	-50.59	-14.42	-133.26	19.86	14.63	-4.36	-48.66	28.30
MRBLD1FB70_COS		612.73	100.66	28.15	25.99	122.10	-22.86	-10.22	-27.85	1.51	2.55	-1.30	1.68	1.47	1.15	-0.93	-5.33
MRBLD1FB70_SIN		0.00	-245.89	93.98	203.60	65.24	-6.12	8.22	-33.12	1.09	7.33	4.19	0.64	0.44	1.26	8.94	-6.34
MRBLD1FB87_COS		83.39	120.62	-36.32	-16.72	60.91	-16.53	-4.41	19.66	7.10	12.94	20.99	-6.05	2.12	1.51	-2.09	-7.89
MRBLD1FB87_SIN		0.00	-294.36	80.48	96.59	15.33	8.38	0.54	20.30	5.18	4.35	32.82	-3.41	-1.74	3.15	13.27	-2.80
MRBLD1FB120_COS		-285.52	149.30	-141.65	-69.68	1.39	-16.33	-18.00	32.58	-10.93	-12.85	-9.37	-1.81	-5.08	-2.25	3.13	11.26
MRBLD1FB120_SIN		0.00	-401.02	87.29	143.82	-20.33	49.77	-2.81	49.84	3.60	-13.12	-17.60	-1.55	-4.13	-7.73	-20.08	3.82
MRBLD1FB164_COS		82.75	105.10	-38.63	118.95	-206.42	44.89	45.58	-34.41	8.22	14.36	14.49	-4.22	3.82	0.91	-5.58	-8.61
MRBLD1FB164_SIN		0.00	-484.86	0.04	356.80	65.75	-18.31	-25.33	-76.02	0.64	15.65	28.17	-3.41	-2.62	3.44	10.46	-3.65

RUN	POINT	Harmonics															
46	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-4.87	-28.03	16.90	128.22	-133.18	44.49	26.88	-32.01	9.67	14.44	38.76	-19.10	-11.96	-6.80	4.21	14.10
MRBLD1FB180_SIN		0.00	-335.36	-9.47	208.18	50.89	-17.23	-11.85	-77.20	10.07	17.96	59.42	-15.93	-15.00	-12.68	-23.53	5.69
MRBLD1TOR51_COS		-1465.95	140.93	142.82	159.35	-141.98	49.95	-13.22	-18.28	-5.47	6.33	-0.64	1.86	-1.78	0.88	7.56	0.28
MRBLD1TOR51_SIN		0.00	-133.85	21.18	281.51	57.86	-25.10	-23.72	-36.44	6.75	2.10	10.52	-4.08	-4.11	-6.16	-2.24	5.73
MRBLD1TOR71_COS		-319.50	169.64	99.98	163.39	-127.94	52.61	-6.10	-12.40	-3.92	7.06	0.32	0.42	-1.04	1.06	3.94	-0.89
MRBLD1TOR71_SIN		0.00	-128.30	8.92	221.89	30.07	-17.07	-21.31	-18.87	8.65	1.25	16.27	-5.53	-3.67	-4.47	-0.41	3.45
MRBLD1TOR130_COS		-54.44	143.94	99.73	172.22	-126.74	43.28	-0.60	-12.05	1.72	3.12	4.34	1.27	-2.37	-1.49	-4.39	-2.45
MRBLD1TOR130_SIN		0.00	-99.60	-34.29	185.29	30.13	-22.27	-13.41	-21.93	3.55	-3.56	-2.74	3.73	1.91	1.26	0.70	-2.03
MRBLD1TOR164_COS		-271.34	71.10	73.53	122.52	-44.92	14.79	-4.00	-9.26	0.10	3.78	2.44	-2.12	-0.02	0.23	-1.79	-0.29
MRBLD1TOR164_SIN		0.00	-36.52	-32.88	64.85	30.60	-15.64	-4.70	-5.57	1.56	-5.55	5.51	-2.37	-2.35	0.32	-2.69	-1.46
MRFBM1CB26P5_COS		-910.13	-1252.03	281.50	37.19	-85.58	21.34	-17.76	2.11	2.05	-3.22	5.49	0.46	-0.84	-0.89	3.48	-2.09
MRFBM1CB26P5_SIN		0.00	509.75	102.74	-25.49	-112.83	-38.97	-47.68	-17.20	-0.92	-1.85	-18.80	1.63	-0.41	-0.72	0.25	-0.43
MRFBM1FB9_COS		612.06	85.51	-238.46	36.51	-21.41	19.60	17.96	1.51	0.09	1.12	-1.65	0.42	0.84	-0.01	-1.63	1.18
MRFBM1FB9_SIN		0.00	-65.75	-59.82	-231.44	-47.58	5.39	4.17	17.86	3.42	1.05	5.09	-1.16	0.32	0.50	0.07	-1.34
MRFBM1TOR26P5_COS		-105.17	92.97	4.82	0.08	-4.75	0.89	-0.17	0.22	-0.11	0.08	-0.08	0.05	0.09	0.03	0.14	0.13
MRFBM1TOR26P5_SIN		0.00	-263.23	0.98	2.09	-0.25	-0.30	-1.28	-0.21	0.14	0.40	0.20	-0.01	0.01	0.00	0.02	0.03

RUN	POINT	Harmonics															
46	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		212.46	-1648.84	502.39	-55.22	-148.90	-28.99	-75.82	-19.36	13.97	-4.62	-15.89	27.12	-6.98	-6.79	13.65	-5.96
MRPC1CB33P25_SIN		0.00	1224.81	2.51	49.79	140.26	-164.35	-38.24	-63.36	-15.32	-1.22	-80.70	27.31	9.65	2.53	-11.14	20.30
MRPC1FB33P25_COS		1791.74	405.57	-26.21	94.23	337.96	-89.33	-54.83	-90.10	2.29	-32.09	20.68	5.89	-11.10	0.18	45.38	-8.09
MRPC1FB33P25_SIN		0.00	-28.87	126.18	707.55	242.44	6.06	-8.80	-287.87	-64.65	-45.84	-147.16	29.64	7.69	-5.35	-20.50	48.65
MRPC1TOR25P5_COS		-366.68	-58.27	-174.82	-154.01	157.39	-51.87	14.17	15.08	7.60	-2.33	7.57	0.77	-1.54	-2.74	-10.25	-5.83
MRPC1TOR25P5_SIN		0.00	-117.27	-21.65	-286.94	-35.97	20.23	29.72	29.16	-10.49	-9.58	-20.20	11.75	8.63	8.23	2.49	-3.11
MRPLK1LOAD_COS		5.60	-11.35	-22.44	-21.68	20.39	-6.23	0.40	2.30	1.99	-0.37	1.25	-0.08	-0.43	-0.27	-2.34	-1.72
MRPLK1LOAD_SIN		0.00	-9.97	-3.67	-42.60	-4.81	3.44	4.57	4.45	-1.42	-2.23	-2.17	0.95	0.73	1.10	0.01	-0.64
PITCHRH_COS		5913.26	-9467.50	157.05	136.06	12.49	1233.75	307.09	-78.61	187.81	26.46	-159.92	120.85	-32.07	17.47	47.89	-166.80
PITCHRH_SIN		0.00	2076.75	-1651.77	-117.24	136.70	-3240.05	-54.39	84.01	-20.27	-3.62	-106.03	69.29	-43.73	-52.94	-75.04	70.98
ROLLRH_COS		4016.68	-2069.62	1676.81	-66.41	14.44	-145.32	77.41	-52.60	-0.28	44.22	222.69	-22.91	-12.11	-102.31	14.61	131.78
ROLLRH_SIN		0.00	-9505.95	85.75	120.61	298.08	3513.18	-128.89	-147.30	26.02	-134.23	44.61	105.45	-1.38	-22.18	88.00	215.46
TORQ_COS		104461.91	523.89	-23.20	186.19	137.89	-193.93	2.13	-19.13	6.64	6.76	-1.32	-3.80	-1.60	-1.26	-0.98	0.79
TORQ_SIN		0.00	1149.58	-107.17	42.81	-132.72	381.78	-15.24	52.59	4.97	-3.85	63.56	5.37	7.37	8.96	-4.52	-1.04
THRUST_COS		5638.26	-198.41	13.99	30.31	-8.31	-6.86	1.97	5.40	-4.48	-5.31	44.31	10.16	-3.16	0.45	-1.31	-13.48
THRUST_SIN		0.00	-205.45	-27.27	-20.72	22.32	23.91	3.48	22.08	3.10	1.81	66.54	-6.09	-4.87	-1.59	9.35	-20.48

RUN	POINT	Harmonics															
46	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-149.13	65.50	-44.52	4.23	-23.14	-277.14	2.09	2.25	-1.32	-2.59	-14.14	1.15	-0.80	2.69	-0.54	-4.49
SIDERH_SIN		0.00	231.48	-1.47	-10.84	-30.76	-292.62	-8.82	2.13	-0.09	6.89	-7.52	-3.32	-0.61	0.41	-2.95	-5.68
DRAGRH_COS		-133.66	232.90	25.63	0.86	14.64	606.37	-17.71	-5.14	1.29	-3.24	-7.83	-3.03	1.04	-0.12	-1.14	6.77
DRAGRH_SIN		0.00	-60.53	22.70	-1.79	2.77	327.57	22.90	3.11	0.59	0.48	17.64	-3.44	5.05	2.37	5.21	-3.68

RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	1.75	0.00	0.00	0.00	-0.04	0.02	-0.03	0.00	0.03	-0.01	-0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	0.91	-0.01	0.00	0.00	-0.02	0.01	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	-0.19	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.58	-1.47	-7.29	0.95	-7.94	0.38	0.60	-0.32	0.41	-0.27	0.41	0.53	-0.03	-0.02	0.04	0.45
ACT1FORCE_SIN		0.00	19.83	-5.67	11.65	3.58	-2.63	1.43	-1.08	0.25	-2.00	0.20	0.22	0.11	0.00	0.30	0.24
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.04	-0.01	0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.13	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		391.77	1.63	50.56	356.17	45.15	9.37	-4.96	-0.15	0.05	0.15	0.02	0.03	-0.04	-0.09	-0.03	0.09
FA1IBVOLTAGE_SIN		0.00	-110.53	31.23	27.96	-33.82	15.06	-17.36	-0.14	-0.09	0.08	-0.02	0.08	-0.15	-0.15	0.04	0.05
FA1OBCURRENT_COS		0.02	0.01	-0.01	-0.03	0.02	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.13	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		413.91	-1.42	-50.43	-357.20	-45.77	-9.20	5.73	0.11	0.05	-0.30	-0.12	0.00	-0.03	0.04	0.00	-0.14
FA1OBVOLTAGE_SIN		0.00	110.65	-30.99	-27.29	33.73	-15.36	16.01	-0.30	0.05	-0.06	0.08	-0.12	0.02	0.13	-0.08	-0.04
MRBLD1CB42P75_COS		-243.23	-891.26	350.50	-1.95	227.70	-280.26	-52.37	72.03	-27.63	10.25	50.70	26.49	0.94	-5.93	-10.91	-14.40
MRBLD1CB42P75_SIN		0.00	1768.35	15.19	173.92	-3.33	89.03	-102.55	19.23	11.88	25.45	-4.60	-37.55	13.83	23.16	-26.65	35.26

RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4563.69	-732.45	218.41	15.97	505.45	-282.11	-132.24	42.58	-26.22	7.14	6.97	16.41	-1.63	3.23	-7.88	-9.45
MRBLD1CB70_SIN		0.00	1352.11	-215.47	384.00	-185.17	-87.16	-298.20	53.86	8.08	42.21	-24.53	-30.52	2.93	21.04	-25.96	49.72
MRBLD1CB120_COS		-193.66	-545.45	170.99	190.45	364.35	-142.03	-130.79	-10.02	13.28	-11.90	-25.64	-11.40	2.75	-2.47	6.80	-4.06
MRBLD1CB120_SIN		0.00	968.19	-238.16	262.50	-119.65	-232.28	-417.94	-4.03	-41.06	-52.19	16.94	22.09	-3.03	1.19	-2.64	5.12
MRBLD1CB164_COS		-1953.77	-195.37	41.46	210.95	59.20	-32.54	-31.52	-37.71	28.19	-11.04	-9.14	-9.81	4.63	-2.84	-3.39	10.00
MRBLD1CB164_SIN		0.00	340.65	-91.61	151.23	-36.49	-165.55	-187.24	-12.22	-48.63	-65.77	35.29	29.19	5.23	-7.65	19.53	-32.40
MRBLD1FB42P75_COS		2638.49	194.33	138.71	1436.12	-798.76	-80.80	-168.09	29.89	-127.48	-124.52	100.82	-3.23	21.29	0.64	-46.76	46.77
MRBLD1FB42P75_SIN		0.00	-327.14	621.37	-49.78	732.62	326.82	32.97	-181.24	-21.77	-146.63	-19.68	-16.55	-1.01	21.51	-42.33	47.01
MRBLD1FB70_COS		642.82	104.58	46.37	467.86	-237.63	-24.82	-31.80	18.64	-8.75	-2.16	3.57	1.62	-2.03	0.95	9.01	-9.51
MRBLD1FB70_SIN		0.00	-258.95	242.80	-3.03	171.51	69.16	-9.24	-23.72	6.20	-0.53	2.15	3.29	2.84	-2.00	9.24	-11.37
MRBLD1FB87_COS		77.89	115.82	2.36	268.58	-139.77	-7.62	5.87	-5.96	22.22	21.86	-21.34	3.49	-3.92	-0.03	10.80	-9.53
MRBLD1FB87_SIN		0.00	-331.55	169.47	28.29	74.17	-0.04	-8.13	12.77	1.12	27.81	4.86	7.90	1.59	-3.23	11.51	-6.14
MRBLD1FB120_COS		-318.19	149.34	-49.83	283.44	-36.80	-12.16	28.39	-33.60	2.24	-0.17	-4.88	-8.61	2.46	-1.94	-15.14	15.12
MRBLD1FB120_SIN		0.00	-504.56	191.46	154.53	48.32	-52.28	11.09	42.07	-8.89	-1.45	-4.89	-12.14	-7.38	-0.07	-18.42	9.95
MRBLD1FB164_COS		66.52	166.06	16.04	20.20	455.52	64.01	12.83	52.33	-6.53	6.18	-8.40	10.75	-4.93	-6.52	9.88	-5.08
MRBLD1FB164_SIN		0.00	-657.89	477.98	94.90	-127.04	-61.64	-2.56	-59.64	7.06	11.43	3.42	10.60	8.54	-7.24	3.72	-0.56

RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		5.34	-7.28	39.91	-125.46	314.87	56.55	4.20	36.91	-2.67	47.21	-44.27	-17.05	-11.60	-3.59	-16.71	14.00
MRBLD1FB180_SIN		0.00	-452.68	334.52	26.25	-123.94	-21.98	-6.38	-46.30	-3.13	41.63	24.08	3.89	-22.20	-8.41	-18.51	10.40
MRBLD1TOR51_COS		-1428.69	216.96	-54.32	-93.77	206.22	-112.81	54.68	-2.81	-8.73	-2.94	-0.27	-0.03	-0.56	0.92	2.53	0.78
MRBLD1TOR51_SIN		0.00	-111.98	290.77	-201.46	0.34	58.92	-30.44	-29.04	-3.38	2.50	-0.05	-5.10	-3.77	-4.27	-6.09	1.41
MRBLD1TOR71_COS		-299.94	221.74	-72.35	-135.11	212.13	-84.09	60.39	-9.26	-1.04	-4.69	-2.07	-0.72	1.21	1.31	1.29	0.99
MRBLD1TOR71_SIN		0.00	-111.71	253.38	-221.53	-24.30	48.28	-17.46	-19.46	1.59	8.43	1.23	-3.78	-5.08	-2.68	-3.24	1.76
MRBLD1TOR130_COS		-38.15	199.95	-63.28	-209.07	232.91	-55.86	43.99	1.33	-3.75	-4.83	12.10	0.99	2.90	-1.54	-3.71	-0.93
MRBLD1TOR130_SIN		0.00	-70.79	188.92	-215.12	-59.08	42.09	-15.98	-14.75	0.59	-6.29	11.25	-2.07	-0.29	4.43	1.52	1.79
MRBLD1TOR164_COS		-262.40	109.36	-41.13	-184.77	77.80	-32.36	14.13	-2.14	2.16	-4.27	1.65	0.16	2.02	-1.35	-0.34	-1.37
MRBLD1TOR164_SIN		0.00	15.88	55.32	-174.71	-52.94	38.71	-9.48	-7.97	4.69	8.33	0.36	-2.60	-1.25	1.86	-4.89	5.24
MRFBM1CB26P5_COS		-647.05	-542.75	179.48	-123.69	7.26	-42.96	21.43	10.40	2.09	-0.33	13.59	1.12	1.10	-1.79	0.68	-1.06
MRFBM1CB26P5_SIN		0.00	799.04	118.94	-128.15	97.18	27.48	41.66	-11.88	-1.85	-9.26	7.05	0.00	1.75	-1.34	-3.42	-1.19
MRFBM1FB9_COS		826.96	-425.71	-146.22	-328.02	113.66	30.70	-4.00	-8.24	3.97	-0.94	-1.02	-1.13	0.35	0.78	-1.12	1.81
MRFBM1FB9_SIN		0.00	-9.25	-361.48	-139.22	-53.73	-17.86	13.85	3.53	5.93	5.01	-1.62	0.92	-0.36	0.22	1.81	-2.13
MRFBM1TOR26P5_COS		-86.74	85.34	2.53	-1.28	6.25	-1.71	0.63	-0.05	-0.34	0.51	-0.48	-0.02	-0.18	0.03	0.12	0.05
MRFBM1TOR26P5_SIN		0.00	-268.96	4.15	-1.13	0.89	1.10	-0.12	-0.45	-0.08	0.16	-0.42	0.16	0.12	-0.16	0.08	-0.25

RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		390.04	-613.80	330.66	-15.48	-15.66	-171.17	-21.27	52.86	-15.33	8.15	48.29	16.43	6.54	-8.46	-5.62	-15.10
MRPC1CB33P25_SIN		0.00	1440.08	56.50	22.23	124.45	122.42	-38.99	-20.68	3.88	-22.24	5.18	-20.83	8.86	18.06	-25.44	31.27
MRPC1FB33P25_COS		1868.40	159.62	-39.15	1232.87	-809.02	-156.34	-161.72	102.61	-84.52	-10.45	89.82	13.21	18.15	-17.54	7.47	-15.17
MRPC1FB33P25_SIN		0.00	-95.23	492.24	217.00	431.30	232.58	-31.89	-143.76	-80.66	-178.02	42.94	-14.95	16.27	16.85	-65.43	73.41
MRPC1TOR25P5_COS		-357.08	-132.35	28.71	159.58	-248.30	123.98	-60.48	6.07	10.98	3.33	15.92	4.27	5.36	-3.36	-6.58	-4.19
MRPC1TOR25P5_SIN		0.00	-140.71	-300.30	232.72	1.11	-59.55	37.32	31.91	1.53	-11.33	8.86	3.93	5.33	11.47	1.52	12.58
MRPLK1LOAD_COS		4.95	-20.31	3.41	19.01	-35.98	18.96	-8.18	0.72	2.98	-0.74	3.48	0.77	1.26	-0.44	-1.31	-0.86
MRPLK1LOAD_SIN		0.00	-11.89	-41.29	28.38	-1.69	-9.39	4.97	5.08	0.91	-1.36	2.61	-0.67	-0.10	2.14	-0.14	2.79
PITCHRH_COS		14656.60	-9028.38	-406.75	261.25	0.78	-2928.17	-108.12	-137.61	-70.09	74.83	309.12	204.10	7.06	-1.56	64.05	-232.23
PITCHRH_SIN		0.00	1819.27	-1188.88	17.18	-128.62	7223.17	142.19	-60.59	78.56	12.00	-434.74	-199.80	33.97	-121.03	199.39	-16.00
ROLLRH_COS		3072.05	-1867.46	1170.57	-181.97	239.15	-4524.84	-230.73	82.18	-280.25	-44.52	405.55	193.00	-114.99	-99.04	-118.25	333.27
ROLLRH_SIN		0.00	-9212.98	-89.21	338.04	-113.93	-4208.74	-80.21	53.09	51.69	-30.06	-77.47	44.12	-38.25	-17.29	-105.82	223.01
TORQ_COS		110895.76	464.50	-36.44	44.74	-150.75	492.34	5.11	-73.33	-23.53	8.05	-61.82	-0.97	-5.98	-1.34	0.45	13.80
TORQ_SIN		0.00	1090.39	-61.87	240.51	-120.88	-380.38	33.45	60.41	-9.15	-7.45	-23.24	3.97	-2.33	10.02	0.69	0.17
THRUST_COS		6143.69	-176.61	-29.19	44.78	23.01	159.32	12.16	-6.26	12.40	-2.06	-4.44	8.44	6.22	3.90	0.25	-3.28
THRUST_SIN		0.00	-209.12	9.66	15.67	18.53	-220.52	12.63	39.25	0.58	-0.69	-0.93	-6.36	3.14	7.07	-9.96	-42.93

RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.52	63.13	-21.60	2.16	-9.66	473.23	27.94	-2.39	6.75	3.04	-15.51	-3.93	3.69	3.08	3.77	-8.98
SIDERH_SIN		0.00	223.82	-1.90	7.66	49.23	192.35	1.62	-2.23	-3.68	1.28	1.62	-4.01	0.31	0.79	3.77	-5.73
DRAGRH_COS		-20.54	226.58	19.62	-9.31	6.75	-665.83	-23.21	-5.99	3.70	-10.58	-24.93	-10.16	-1.91	1.88	-5.06	14.80
DRAGRH_SIN		0.00	-57.37	15.16	-9.01	-10.88	-423.24	-61.86	1.89	7.17	-5.17	38.02	7.86	-0.71	4.97	-8.96	2.32

RUN	POINT	Harmonics															
54	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.01	0.00	0.03	0.00	0.00	-0.02	-0.02	-0.02	0.01	-0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.99	0.00	0.00	-0.02	0.02	0.03	-0.01	0.00	0.08	0.00	-0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-20.11	-1.06	-10.14	1.33	-13.23	-0.91	2.03	-0.36	0.00	-0.72	0.05	-0.29	-1.33	-0.03	0.11	-0.13
ACT1FORCE_SIN		0.00	20.78	-2.71	0.22	5.63	-3.55	0.89	0.10	0.02	0.79	-0.22	-0.09	1.96	-0.08	-0.13	-0.29
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		390.26	-0.43	71.93	-7.11	147.25	9.71	-13.58	0.23	0.20	0.09	-0.10	0.00	-0.54	-0.03	0.07	0.02
FA1IBVOLTAGE_SIN		0.00	-128.67	12.76	5.94	162.79	16.41	-5.39	-0.10	0.14	0.03	0.15	-0.05	0.02	0.02	0.02	0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.57	0.56	-72.02	7.15	-147.78	-9.98	13.85	-0.12	0.29	-0.02	0.02	-0.02	0.52	0.02	-0.04	-0.01
FA1OBVOLTAGE_SIN		0.00	128.94	-12.66	-5.73	-163.01	-16.83	5.22	0.15	0.01	0.00	-0.10	0.03	-0.04	-0.05	-0.03	-0.04
MRBLD1CB42P75_COS		-710.08	-1697.02	395.00	54.24	-50.49	-71.59	-146.55	31.94	-4.85	-36.71	61.07	-46.01	15.96	8.59	-18.54	5.43
MRBLD1CB42P75_SIN		0.00	1551.24	81.83	132.57	-97.28	141.93	-67.78	-96.65	64.61	-31.15	-107.26	-29.65	-10.35	12.26	-6.42	33.58

RUN	POINT	Harmonics															
54	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4457.27	-1271.22	237.91	76.98	38.93	-181.38	-345.66	25.51	7.02	-24.82	-7.48	-26.01	6.27	12.31	-13.50	20.82
MRBLD1CB70_SIN		0.00	1142.92	-77.21	251.84	-307.97	-39.76	-125.54	-46.03	57.24	-7.95	-59.58	-19.56	-8.95	1.01	-7.41	48.22
MRBLD1CB120_COS		-264.22	-755.67	170.18	176.68	8.87	-190.30	-425.38	11.47	8.17	6.30	-35.56	29.77	-3.69	-2.83	9.06	-1.20
MRBLD1CB120_SIN		0.00	808.98	-130.96	157.15	-142.86	-204.56	-187.34	-27.18	-53.22	4.11	74.14	20.72	7.43	1.23	-4.94	5.48
MRBLD1CB164_COS		-1972.12	-249.68	28.39	129.16	-48.40	-107.05	-170.76	-8.83	-0.78	13.51	-0.62	22.34	-0.05	-9.83	2.25	-11.23
MRBLD1CB164_SIN		0.00	289.24	-55.00	70.06	-2.42	-168.82	-100.27	24.66	-79.45	-2.83	69.88	17.27	12.32	3.34	12.90	-36.61
MRBLD1FB42P75_COS		2529.73	392.71	187.96	929.91	-363.68	123.90	-166.25	-117.99	-106.80	-124.46	91.23	-30.90	2.99	20.32	-36.44	60.68
MRBLD1FB42P75_SIN		0.00	-295.30	429.88	-134.92	1096.21	346.19	74.37	-317.19	23.15	-69.54	-129.05	-5.36	-27.15	10.66	-13.21	22.58
MRBLD1FB70_COS		627.41	99.26	63.11	307.19	-138.17	33.38	-42.88	-9.17	-2.54	-4.93	1.17	1.77	0.61	-1.47	7.21	-11.51
MRBLD1FB70_SIN		0.00	-250.85	178.33	-53.51	287.77	70.65	7.67	-50.86	12.04	2.96	0.13	3.17	4.88	-0.88	3.73	-4.83
MRBLD1FB87_COS		80.84	116.39	7.98	170.79	-85.26	-5.02	2.42	7.30	17.14	25.12	-18.22	12.74	0.11	-4.06	8.53	-12.69
MRBLD1FB87_SIN		0.00	-313.57	127.51	-15.95	131.32	-2.05	-8.61	27.53	-6.88	15.42	32.41	2.17	9.68	0.24	4.57	-2.11
MRBLD1FB120_COS		-307.03	153.14	-49.07	161.81	-15.76	-67.06	33.34	8.99	-6.89	-4.22	-0.72	-14.85	-3.42	3.10	-11.93	19.51
MRBLD1FB120_SIN		0.00	-462.35	148.22	84.28	28.62	-51.87	-9.99	81.75	-10.99	-8.58	-12.08	-6.91	-15.63	-4.29	-8.13	3.01
MRBLD1FB164_COS		33.82	149.58	78.64	54.87	274.06	29.20	23.46	-1.62	-1.38	6.65	-6.97	16.13	1.35	-9.33	4.55	-7.59
MRBLD1FB164_SIN		0.00	-611.88	292.28	157.36	-368.37	-77.70	7.44	-108.18	14.22	9.84	20.15	4.52	13.57	0.13	-0.82	-1.41

RUN	POINT	Harmonics															
54	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-38.36	-8.39	91.64	-31.03	177.90	66.54	2.08	-10.23	-0.16	40.37	-30.93	4.54	-16.41	-2.02	-11.90	20.86
MRBLD1FB180_SIN		0.00	-425.58	198.99	104.83	-292.04	-32.20	13.79	-90.27	2.18	17.15	73.29	1.53	-11.74	-10.47	-9.80	4.72
MRBLD1TOR51_COS		-1479.99	178.17	55.82	11.79	133.51	-31.22	42.56	-21.09	-12.02	6.16	-9.37	0.89	-2.12	-2.47	-1.23	-0.60
MRBLD1TOR51_SIN		0.00	-155.22	185.91	-19.96	-117.35	155.21	-57.99	-54.59	-5.01	8.97	4.76	0.09	4.01	-5.14	-6.21	8.16
MRBLD1TOR71_COS		-327.40	197.66	27.89	-19.62	143.24	-19.13	54.16	-20.85	-5.79	7.51	-12.79	3.08	-3.04	-1.48	-0.05	-0.23
MRBLD1TOR71_SIN		0.00	-147.44	154.59	-37.29	-140.05	131.75	-45.63	-33.25	-5.07	16.05	7.19	3.70	2.75	-4.02	-2.78	3.13
MRBLD1TOR130_COS		-75.71	176.07	33.04	-67.79	151.34	0.51	36.32	-7.37	-5.86	-0.77	11.23	-0.82	-0.72	0.37	-0.94	0.08
MRBLD1TOR130_SIN		0.00	-113.61	95.96	-24.81	-176.43	103.41	-31.16	-35.10	-1.51	3.74	-0.77	4.69	-0.72	3.58	3.90	-4.91
MRBLD1TOR164_COS		-282.87	93.00	15.98	-68.38	39.59	10.03	6.47	-5.73	2.04	1.14	-1.39	0.72	1.37	1.39	0.11	3.61
MRBLD1TOR164_SIN		0.00	-28.72	14.78	-41.29	-85.91	76.35	-15.53	-15.23	0.77	7.95	-2.35	0.58	-5.57	1.87	-1.34	-1.39
MRFBM1CB26P5_COS		-885.64	-1002.93	194.64	-70.76	38.29	-4.20	48.81	4.63	-3.19	-1.42	22.79	-1.40	2.13	-1.57	0.47	-2.85
MRFBM1CB26P5_SIN		0.00	630.70	133.10	-53.68	18.77	52.82	9.56	-17.96	-3.64	-7.24	-8.74	-1.69	-0.25	1.74	-1.92	-1.79
MRFBM1FB9_COS		643.93	-39.70	-217.73	-214.76	85.02	15.36	7.67	-8.35	4.99	1.53	-4.52	0.68	-0.82	0.31	-0.22	0.71
MRFBM1FB9_SIN		0.00	-66.67	-254.44	-69.49	-105.31	-27.88	20.09	16.70	2.02	5.14	-0.01	2.62	0.17	-0.42	1.42	-2.78
MRFBM1TOR26P5_COS		-107.49	79.91	3.47	-0.44	4.91	-1.15	1.74	-0.33	-0.27	0.42	-0.39	0.00	0.09	-0.07	0.03	-0.06
MRFBM1TOR26P5_SIN		0.00	-264.55	2.91	-0.35	-3.47	2.25	-0.77	-0.35	0.22	-0.32	0.33	-0.22	0.22	-0.05	-0.07	0.14

RUN	POINT	Harmonics															
54	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		155.04	-1270.85	351.86	15.45	-99.47	3.25	-76.05	14.23	3.61	-30.04	57.14	-30.51	17.01	7.68	-11.92	2.21
MRPC1CB33P25_SIN		0.00	1366.95	67.59	43.20	106.39	138.16	-44.36	-98.10	34.41	-37.63	-77.96	-10.88	-11.11	13.13	-7.83	30.75
MRPC1FB33P25_COS		1832.99	323.45	15.98	824.16	-538.74	4.18	-174.43	35.83	-86.13	-54.15	146.09	-16.87	25.35	5.44	-9.84	15.08
MRPC1FB33P25_SIN		0.00	-55.04	354.56	50.26	828.58	306.32	10.71	-314.74	-35.20	-120.54	-46.39	-22.88	-16.03	22.51	-37.41	70.16
MRPC1TOR25P5_COS		-341.22	-109.35	-85.82	37.37	-170.83	44.15	-52.41	25.96	15.35	-9.53	28.88	0.07	3.55	4.58	1.09	3.08
MRPC1TOR25P5_SIN		0.00	-91.99	-190.12	28.58	144.44	-162.97	69.53	49.16	4.04	-11.59	-12.56	4.57	-6.93	10.14	10.03	-6.85
MRPLK1LOAD_COS		0.07	-18.04	-11.63	3.35	-26.22	7.60	-8.74	4.18	3.32	-2.14	4.22	0.03	-0.14	1.02	0.09	0.30
MRPLK1LOAD_SIN		0.00	-5.54	-26.53	1.00	18.59	-23.71	8.81	7.47	0.32	-0.02	-2.33	0.98	-1.87	1.41	1.59	-1.63
PITCHRH_COS		9203.41	-9169.57	-27.52	129.12	-32.74	1070.42	-166.68	-107.46	-167.39	-12.67	48.68	-92.31	28.79	-66.43	132.11	-366.22
PITCHRH_SIN		0.00	1798.67	-989.26	-9.43	-93.57	5860.03	344.39	-151.19	104.21	51.95	-438.64	-222.50	52.08	-5.94	-153.18	-43.40
ROLLRH_COS		4011.85	-1969.95	1049.65	-21.12	-109.14	-6168.53	-154.49	89.54	48.86	-157.54	94.89	85.28	-40.01	111.06	3.23	374.66
ROLLRH_SIN		0.00	-9316.55	131.01	208.39	-309.59	-1015.03	37.08	-34.43	245.71	28.63	-6.18	-167.57	153.24	-46.57	99.01	71.37
TORQ_COS		105496.28	357.91	8.91	68.61	-6.27	7.20	33.60	2.10	16.36	-2.02	-54.34	-3.24	6.12	0.63	1.60	9.04
TORQ_SIN		0.00	1011.63	-78.34	114.25	23.81	-513.39	28.22	77.64	-3.13	-1.82	72.97	3.02	0.49	3.97	-2.55	12.92
THRUST_COS		5763.13	-104.51	-9.61	27.56	13.22	12.77	13.09	21.14	-1.40	0.49	-62.30	-3.17	2.90	-1.89	-6.50	-50.47
THRUST_SIN		0.00	-177.35	5.58	1.26	6.45	-258.47	13.41	26.82	-10.63	-1.67	-4.92	-19.93	-11.12	-5.56	8.67	-40.73

RUN	POINT	Harmonics															
54	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-135.15	61.72	-24.71	4.09	52.54	481.92	18.20	-2.66	-4.70	6.21	-1.16	-4.40	0.46	-3.37	0.11	-10.03
SIDERH_SIN		0.00	232.20	-7.78	1.09	48.56	-162.43	-3.92	1.21	-8.31	-0.14	1.49	2.99	-4.01	0.79	-3.62	-2.00
DRAGRH_COS		-94.72	237.92	14.21	-3.60	-1.63	-584.03	-36.07	-5.73	12.22	-4.72	8.58	3.01	2.34	2.65	-4.60	15.13
DRAGRH_SIN		0.00	-54.96	16.78	0.53	-1.47	222.42	-32.72	0.96	-9.57	-4.74	21.39	9.51	1.19	-0.06	10.00	-8.43

RUN	POINT	Harmonics															
54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.02	-0.01	-0.51	0.00	0.00	0.01	-0.02	-0.01	0.01	0.01	-0.07	-0.01	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.01	0.02	-0.86	0.00	0.00	0.02	0.03	0.01	-0.01	0.00	-0.02	0.02	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.10	-1.27	-9.87	-4.50	8.47	1.89	-1.69	0.24	-0.56	-0.10	0.20	0.15	-1.60	-0.07	-0.18	0.16
ACT1FORCE_SIN		0.00	20.75	0.82	-3.31	-7.70	2.98	0.32	0.05	0.17	0.19	-0.17	-0.05	-1.25	0.62	0.02	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.06	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	0.08	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		392.18	-5.75	66.78	30.24	-202.18	-15.96	12.59	-0.05	0.24	0.14	0.08	-0.03	0.13	-0.07	0.10	-0.05
FA1IBVOLTAGE_SIN		0.00	-126.53	-8.90	26.33	-96.26	-14.81	-4.80	-0.20	-0.24	-0.01	0.12	0.09	-0.58	-0.16	0.07	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	-0.08	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		413.68	5.90	-67.10	-30.67	202.83	16.44	-12.80	-0.17	0.26	0.02	-0.12	0.01	-0.11	0.10	-0.09	0.04
FA1OBVOLTAGE_SIN		0.00	126.91	9.18	-26.67	96.07	15.16	5.12	0.15	-0.10	0.00	-0.02	-0.08	0.54	0.18	-0.04	0.02
MRBLD1CB42P75_COS		-649.36	-1858.57	607.94	-188.83	0.42	-207.13	-6.50	-3.37	0.42	-37.89	-21.84	48.32	5.14	-11.03	11.11	-4.12
MRBLD1CB42P75_SIN		0.00	1695.30	-56.00	166.81	547.52	-268.85	-9.25	-62.54	48.84	-2.95	-96.23	-3.23	29.72	8.60	5.34	21.70

RUN	POINT	Harmonics															
54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4497.44	-1393.88	485.06	-383.14	232.43	-130.13	199.06	8.72	4.34	-27.21	-10.83	36.87	4.84	-1.67	6.99	-1.91
MRBLD1CB70_SIN		0.00	1259.97	-145.31	228.68	964.07	-233.87	86.42	-35.90	56.03	-3.09	-30.30	-7.03	20.73	8.46	2.58	31.66
MRBLD1CB120_COS		-278.30	-816.01	384.19	-218.34	354.24	-29.68	357.04	16.35	-0.93	29.13	-3.51	-26.88	-3.78	7.20	1.56	-2.82
MRBLD1CB120_SIN		0.00	844.29	-134.04	251.54	876.93	-56.26	168.38	-43.74	-39.03	1.95	58.87	10.53	-3.07	-2.89	2.13	4.34
MRBLD1CB164_COS		-1987.12	-271.05	95.89	-40.94	163.98	14.86	159.96	15.16	-4.54	26.99	-2.84	-26.40	-2.35	0.81	-7.48	3.78
MRBLD1CB164_SIN		0.00	297.80	-26.96	148.42	299.34	44.30	108.72	-12.44	-58.76	-3.13	31.49	15.57	-6.96	-4.27	0.52	-21.42
MRBLD1FB42P75_COS		2496.57	422.48	37.24	934.37	68.95	-336.33	-69.29	-195.90	-92.61	-39.68	-102.48	25.30	14.22	-11.55	21.34	25.85
MRBLD1FB42P75_SIN		0.00	-360.70	315.18	921.71	-281.48	113.22	-67.80	-136.39	-73.02	-42.92	-82.51	-1.07	10.31	-1.34	-33.39	29.67
MRBLD1FB70_COS		621.94	106.69	12.83	236.98	44.06	-89.78	-3.38	-21.13	-2.42	1.78	0.59	-0.17	-0.84	2.19	-4.56	-5.39
MRBLD1FB70_SIN		0.00	-256.91	146.31	271.61	-65.94	10.91	-9.33	-19.57	1.34	5.61	4.65	1.67	0.81	1.45	5.81	-5.67
MRBLD1FB87_COS		79.55	128.39	-43.18	103.13	11.13	-18.50	-2.24	18.55	13.40	10.91	26.25	-5.85	-3.03	3.56	-4.22	-5.26
MRBLD1FB87_SIN		0.00	-308.88	120.11	150.16	-53.32	11.42	4.84	9.75	7.63	7.73	22.14	2.54	-1.36	1.59	9.51	-4.05
MRBLD1FB120_COS		-287.41	160.59	-148.90	59.98	-31.83	51.94	-20.46	21.87	-1.95	-11.65	-13.14	-0.87	-0.66	-5.50	6.45	9.13
MRBLD1FB120_SIN		0.00	-417.95	134.94	224.01	-5.51	35.46	27.13	32.71	1.36	-7.15	-16.41	-7.15	-3.57	-5.75	-14.51	5.61
MRBLD1FB164_COS		84.27	137.68	-93.32	150.91	-11.27	92.64	35.15	-29.36	1.39	13.58	21.10	-4.64	-3.80	3.96	-6.03	-6.70
MRBLD1FB164_SIN		0.00	-513.87	149.89	328.59	342.47	2.62	-37.81	-53.18	-2.04	12.19	20.39	4.28	-2.69	1.08	8.50	-2.87

RUN	POINT	Harmonics															
54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.89	-13.40	-25.22	81.05	31.63	35.84	29.66	-28.00	12.90	16.12	45.49	-16.44	-15.32	-9.83	6.55	13.05
MRBLD1FB180_SIN		0.00	-358.72	101.91	149.20	243.68	8.00	-34.70	-56.99	4.47	28.34	40.11	-6.99	-12.37	-12.03	-19.79	4.35
MRBLD1TOR51_COS		-1480.18	176.95	69.07	116.90	-28.05	-62.77	-9.29	-20.97	-4.13	1.61	2.53	-1.81	-8.36	1.94	3.93	-1.04
MRBLD1TOR51_SIN		0.00	-139.53	97.65	159.88	205.88	-116.24	-3.33	-37.59	8.63	2.60	7.84	-1.28	-8.42	-5.42	-4.55	1.10
MRBLD1TOR71_COS		-328.60	198.17	34.37	101.06	-24.84	-39.99	-5.30	-13.55	-3.82	5.53	0.05	-2.45	-6.39	2.86	1.29	1.80
MRBLD1TOR71_SIN		0.00	-137.50	83.31	91.58	171.85	-97.32	-0.64	-25.15	11.52	5.46	14.06	-3.03	-4.92	-2.59	-1.45	0.83
MRBLD1TOR130_COS		-72.90	169.06	40.14	76.00	-14.02	-36.27	3.17	-11.46	-3.04	8.77	-6.42	3.52	-0.45	0.05	-3.56	2.84
MRBLD1TOR130_SIN		0.00	-105.45	36.96	41.75	173.48	-78.04	-3.43	-24.29	3.26	1.09	-0.16	-1.21	7.99	3.67	3.50	0.32
MRBLD1TOR164_COS		-284.62	84.44	42.54	28.98	18.11	-46.27	2.44	-5.25	-1.39	7.62	-2.93	1.04	2.98	-0.22	0.94	1.72
MRBLD1TOR164_SIN		0.00	-34.21	-1.97	-40.32	77.31	-48.45	-4.46	-6.85	2.08	-0.42	4.57	-5.02	5.72	0.18	2.53	2.03
MRFBM1CB26P5_COS		-827.65	-1105.43	274.80	1.48	-144.39	-10.69	-47.11	-2.40	-1.56	0.72	-1.44	0.83	0.05	-1.46	2.50	-0.15
MRFBM1CB26P5_SIN		0.00	737.84	73.39	-90.15	-38.90	-51.06	-32.79	-10.39	-2.72	-2.99	-17.81	1.34	0.00	-1.86	-0.05	-0.70
MRFBM1FB9_COS		656.10	-66.18	-177.81	-116.43	-7.17	43.46	10.19	3.32	0.99	0.77	-0.88	-0.50	0.37	0.17	-1.24	1.20
MRFBM1FB9_SIN		0.00	-132.06	-126.15	-321.84	3.73	10.59	-1.55	12.63	3.98	2.76	4.72	-0.48	-0.52	0.54	-0.46	-1.02
MRFBM1TOR26P5_COS		-101.59	84.49	3.40	0.01	-3.00	-0.08	-1.07	0.00	0.20	-0.46	0.59	-0.10	-0.09	-0.04	0.09	-0.14
MRFBM1TOR26P5_SIN		0.00	-260.35	1.61	1.27	4.83	-2.14	-0.47	-0.22	0.06	-0.04	-0.05	0.26	-0.36	-0.14	-0.15	-0.07

RUN	POINT	Harmonics															
54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		211.01	-1383.06	488.19	-35.09	-58.87	-189.80	-58.14	-14.28	2.58	-22.98	-25.66	31.10	3.32	-8.69	13.41	-3.37
MRPC1CB33P25_SIN		0.00	1470.65	-56.71	91.93	181.66	-154.40	-7.62	-60.47	2.21	-1.91	-81.27	-4.74	21.38	5.41	2.99	19.81
MRPC1FB33P25_COS		1802.12	350.97	-79.34	633.67	136.53	-300.44	-26.75	-100.36	-34.51	-0.31	-24.26	23.42	5.84	-6.56	41.16	-9.40
MRPC1FB33P25_SIN		0.00	-105.29	239.48	918.33	-194.21	-2.56	-81.83	-198.32	-105.50	-57.81	-124.78	15.49	18.61	-8.97	1.14	44.11
MRPC1TOR25P5_COS		-333.06	-105.76	-96.95	-94.68	40.02	62.12	14.69	18.84	3.52	8.86	-7.23	8.87	11.48	-1.84	-5.12	5.95
MRPC1TOR25P5_SIN		0.00	-102.39	-100.31	-143.66	-212.18	120.65	6.14	32.92	-13.24	-5.88	-12.77	0.44	22.53	10.65	11.38	5.59
MRPLK1LOAD_COS		1.53	-17.58	-12.63	-14.84	5.31	9.82	1.12	3.14	0.55	2.33	-2.62	1.22	1.76	0.31	-1.27	1.63
MRPLK1LOAD_SIN		0.00	-7.09	-14.62	-23.53	-29.49	17.63	1.55	4.73	-1.43	-0.38	-0.91	-1.66	4.21	2.17	2.08	0.87
PITCHRH_COS		9156.20	-9273.16	60.28	106.26	74.85	-3614.66	65.59	-18.05	-223.01	-11.84	70.12	-68.22	78.91	19.41	38.00	7.23
PITCHRH_SIN		0.00	1884.37	-1241.84	-96.51	1.95	-3550.12	-29.31	-44.03	122.99	-23.76	-243.97	-35.85	17.91	128.75	19.18	32.78
ROLLRH_COS		5271.44	-1933.33	1315.58	-99.33	205.57	1803.71	-97.08	-88.83	184.50	-18.49	380.19	74.53	-97.18	108.68	112.83	48.41
ROLLRH_SIN		0.00	-9262.29	133.74	94.81	214.51	744.32	-251.25	-14.47	68.18	-52.89	-130.96	-23.17	78.59	101.55	-149.68	418.23
TORQ_COS		106995.91	478.35	-18.68	140.17	-63.04	204.73	-6.17	5.05	20.59	-6.66	33.58	-4.23	2.82	0.95	-3.66	9.19
TORQ_SIN		0.00	967.98	-81.92	11.12	-217.85	506.44	-4.03	49.44	-23.39	-4.53	83.44	1.46	-0.30	7.34	-5.86	-0.07
THRUST_COS		5785.71	-133.66	4.44	20.71	4.39	163.58	5.94	11.42	6.47	2.17	-9.74	2.42	14.62	0.41	-5.29	4.76
THRUST_SIN		0.00	-150.57	-16.24	-22.28	33.92	52.75	8.98	15.54	2.69	-6.29	63.83	-11.05	1.83	-0.26	7.03	-29.86

RUN	POINT	Harmonics															
54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.20	60.61	-32.99	0.35	-46.62	-333.60	8.92	-0.92	-8.55	0.80	-11.89	-4.82	1.74	-3.21	-3.02	-1.60
SIDERH_SIN		0.00	234.31	-3.59	-2.61	-24.56	57.02	4.64	0.50	-1.52	4.88	0.77	0.71	-0.85	-2.86	4.20	-12.36
DRAGRH_COS		-99.88	240.22	18.83	-0.03	7.25	777.12	8.07	2.41	4.06	0.12	-2.44	1.19	-2.12	-1.42	-3.60	0.50
DRAGRH_SIN		0.00	-55.08	18.64	-2.29	1.87	-239.79	-0.62	8.61	-12.24	5.58	16.69	5.28	2.95	-5.43	-0.71	-2.41

RUN	POINT	Harmonics															
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	-0.01	-0.85	0.00	0.00	0.01	-0.01	-0.02	0.00	0.02	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.51	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.08	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-21.63	-1.16	-8.55	-1.85	-10.51	2.37	0.91	-0.21	-0.11	-0.40	0.39	0.67	1.23	-0.16	0.04	-0.12
ACT1FORCE_SIN		0.00	21.16	-1.33	1.03	-7.37	-2.67	1.86	0.29	0.31	-0.50	-0.29	0.06	-1.76	-0.08	0.01	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.08	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.39	-1.99	63.05	8.85	-78.39	-9.99	-6.87	-0.02	-0.22	-0.17	0.06	0.01	0.62	0.15	-0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-127.74	5.81	-0.03	197.58	18.46	-10.73	0.24	0.22	0.00	-0.09	0.08	0.13	-0.10	0.12	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		410.42	2.21	-63.14	-9.15	77.94	10.22	7.20	0.04	-0.21	0.09	-0.03	0.03	-0.59	-0.14	0.02	-0.01
FA1OBVOLTAGE_SIN		0.00	128.05	-5.54	0.23	-198.32	-18.92	10.85	-0.09	0.07	0.01	-0.01	-0.09	-0.08	0.14	-0.14	-0.01
MRBLD1CB42P75_COS		-670.46	-1667.48	430.23	-24.47	180.56	-255.33	-59.74	32.84	-6.44	19.81	4.39	45.87	3.73	-11.97	-2.46	-9.65
MRBLD1CB42P75_SIN		0.00	1707.51	-25.09	216.04	100.48	24.54	-108.16	-19.85	3.76	23.90	-19.77	-50.19	43.67	13.82	-20.12	28.45

RUN	POINT	Harmonics															
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4478.91	-1251.16	315.00	-104.06	515.88	-201.21	-68.13	7.48	-3.62	14.90	-2.86	24.79	6.05	-3.65	-4.56	-3.36
MRBLD1CB70_SIN		0.00	1283.40	-173.67	374.47	70.41	-141.11	-249.42	-0.03	8.52	31.58	-18.69	-40.28	22.23	10.78	-20.11	31.40
MRBLD1CB120_COS		-270.21	-757.05	261.82	55.47	446.09	-42.04	-26.48	-0.85	12.80	-7.72	-10.78	-28.15	3.02	5.03	2.71	-2.55
MRBLD1CB120_SIN		0.00	901.91	-191.67	291.92	99.35	-212.45	-334.69	-38.37	-25.98	-39.99	13.64	34.16	-16.75	0.32	-0.53	3.53
MRBLD1CB164_COS		-1987.39	-254.09	68.09	88.22	113.51	28.77	13.88	-16.01	13.43	-14.40	-8.08	-18.88	-0.17	0.88	-3.37	2.16
MRBLD1CB164_SIN		0.00	326.43	-59.32	135.59	28.60	-132.43	-140.20	-18.64	-34.80	-49.17	18.07	40.40	-8.74	-1.74	15.86	-18.78
MRBLD1FB42P75_COS		2540.48	365.59	94.33	1216.66	-709.54	-147.54	-186.79	12.10	-132.17	-83.78	-15.16	27.52	28.26	-9.94	-16.37	40.55
MRBLD1FB42P75_SIN		0.00	-352.17	428.48	244.07	457.46	395.27	-23.76	-177.46	-40.90	-97.31	-12.23	-39.64	23.86	12.05	-51.60	31.86
MRBLD1FB70_COS		626.44	99.84	36.66	366.07	-202.02	-36.26	-35.62	12.85	-7.80	1.17	3.06	0.10	-1.31	2.64	3.92	-7.71
MRBLD1FB70_SIN		0.00	-269.29	179.53	83.39	95.98	84.14	-16.02	-25.10	3.41	2.20	3.93	3.03	0.28	0.16	9.23	-8.93
MRBLD1FB87_COS		76.60	121.93	-10.58	186.80	-116.41	-3.54	5.78	-3.50	21.68	14.61	5.36	-4.50	-6.16	2.97	4.75	-8.13
MRBLD1FB87_SIN		0.00	-330.21	138.64	63.25	28.07	6.42	-1.59	12.54	4.37	18.23	2.88	13.85	-5.25	-1.58	13.81	-3.16
MRBLD1FB120_COS		-305.38	163.27	-88.40	154.78	-33.17	9.94	29.20	-25.46	1.40	-6.38	-10.93	-2.88	2.66	-5.35	-6.99	12.65
MRBLD1FB120_SIN		0.00	-471.09	172.50	167.94	17.30	-58.82	25.47	44.83	-2.32	-4.04	-5.93	-13.92	0.96	-2.43	-21.18	5.12
MRBLD1FB164_COS		64.06	158.85	-23.58	132.94	420.51	82.29	8.97	34.27	-8.96	13.11	7.37	-0.45	-6.72	-0.91	3.21	-7.46
MRBLD1FB164_SIN		0.00	-601.92	284.04	200.34	-6.60	-62.56	-14.98	-61.85	-2.90	10.22	6.36	13.58	-1.93	-4.44	9.90	0.64

RUN	POINT	Harmonics															
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-15.51	-5.34	18.34	26.82	315.19	64.71	-6.89	24.38	-0.07	33.39	2.70	-25.43	-17.39	-8.56	-8.78	14.65
MRBLD1FB180_SIN		0.00	-417.89	187.97	90.92	-36.54	-0.72	-22.53	-53.91	-1.27	34.21	14.36	10.45	-23.67	-9.24	-24.14	4.01
MRBLD1TOR51_COS		-1475.59	180.83	33.80	103.72	191.24	-140.89	33.21	0.97	-6.37	-1.36	3.19	-7.63	0.35	1.51	6.51	4.68
MRBLD1TOR51_SIN		0.00	-143.62	146.68	7.55	61.05	68.17	-26.56	-35.91	-8.07	5.98	0.53	-2.85	-13.75	-3.22	-7.26	-0.27
MRBLD1TOR71_COS		-325.64	198.84	9.03	63.56	196.14	-109.59	39.29	-3.60	-0.35	-3.07	6.02	-12.95	1.58	2.36	2.46	2.26
MRBLD1TOR71_SIN		0.00	-141.88	124.07	-32.75	36.17	58.69	-13.67	-25.66	-1.31	7.05	2.16	0.47	-14.10	-2.47	-3.55	1.41
MRBLD1TOR130_COS		-71.70	174.13	16.73	7.04	218.80	-77.77	26.66	2.95	-2.62	-2.46	10.12	-6.62	0.59	-0.78	-6.54	-4.09
MRBLD1TOR130_SIN		0.00	-105.88	69.70	-50.46	11.80	55.04	-13.41	-22.51	-2.53	-6.88	2.79	4.10	0.77	1.80	3.22	3.31
MRBLD1TOR164_COS		-283.37	87.96	19.59	-28.53	91.55	-53.55	5.46	-0.29	0.86	-3.24	6.46	-5.77	-1.66	-0.73	-2.82	-4.15
MRBLD1TOR164_SIN		0.00	-22.22	-2.07	-75.09	-18.21	52.02	-11.54	-10.59	3.91	-0.12	-0.67	1.50	2.70	-1.06	-1.25	5.08
MRFBM1CB26P5_COS		-831.04	-986.16	200.74	-50.30	-36.86	-46.87	2.43	10.29	1.11	-0.50	2.42	4.11	-0.31	-1.34	2.22	-1.19
MRFBM1CB26P5_SIN		0.00	715.97	90.03	-84.20	59.58	13.41	26.72	-7.52	-2.58	-6.37	-1.02	0.39	2.19	-1.18	-2.15	0.88
MRFBM1FB9_COS		705.49	-123.06	-161.00	-245.60	94.67	38.79	0.46	-6.88	2.74	-0.24	0.55	-2.32	1.27	0.71	-1.73	1.41
MRFBM1FB9_SIN		0.00	-80.42	-220.34	-187.82	-31.57	-20.26	12.52	5.64	5.95	2.92	1.41	0.23	-1.27	0.57	0.85	-1.86
MRFBM1TOR26P5_COS		-101.88	83.55	2.90	0.14	4.92	-2.47	0.68	0.06	-0.27	0.40	-0.52	0.44	-0.08	0.00	0.22	0.18
MRFBM1TOR26P5_SIN		0.00	-261.19	2.49	0.10	2.46	0.08	0.19	-0.29	-0.17	0.55	0.00	-0.15	-0.04	-0.02	-0.05	-0.27

RUN	POINT	Harmonics															
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		193.99	-1243.32	366.58	16.23	-56.19	-171.42	-44.45	29.15	-7.45	17.58	0.83	28.87	6.80	-8.65	1.31	-10.19
MRPC1CB33P25_SIN		0.00	1478.47	-9.05	75.75	103.95	88.13	-49.79	-34.94	-6.49	-11.66	-13.80	-33.62	30.87	10.27	-21.67	24.92
MRPC1FB33P25_COS		1836.89	306.12	-52.66	989.30	-671.56	-225.77	-153.00	83.29	-78.60	-6.53	-1.04	50.18	4.50	-15.86	31.77	-6.52
MRPC1FB33P25_SIN		0.00	-105.09	336.96	415.97	225.37	272.28	-86.32	-146.88	-99.24	-120.19	-20.60	-11.82	37.68	0.78	-45.37	59.66
MRPC1TOR25P5_COS		-336.62	-109.24	-62.24	-62.23	-224.08	153.64	-39.07	-0.36	8.10	3.77	8.33	5.53	2.04	-3.10	-13.07	-12.38
MRPC1TOR25P5_SIN		0.00	-98.93	-152.19	11.05	-64.73	-66.91	29.16	35.55	7.49	-17.99	-0.48	7.11	21.16	5.02	7.83	14.92
MRPLK1LOAD_COS		0.29	-17.74	-8.03	-10.52	-32.16	23.50	-5.95	-0.16	2.46	-0.39	3.00	-1.40	0.53	-0.18	-2.98	-2.61
MRPLK1LOAD_SIN		0.00	-6.66	-21.46	-1.56	-10.70	-9.52	3.80	5.23	1.73	-3.24	0.10	0.98	2.40	0.73	1.18	3.38
PITCHRH_COS		10263.12	-9187.41	-34.97	76.46	68.11	-3677.09	-201.60	-48.26	-32.87	27.07	307.42	168.53	56.71	10.63	-94.09	-59.57
PITCHRH_SIN		0.00	1865.66	-1143.30	-16.97	-51.35	3845.43	93.40	-84.77	143.64	41.58	-261.27	-9.94	-30.50	-77.55	24.84	96.75
ROLLRH_COS		4513.71	-1870.54	1113.64	-115.89	241.97	-2763.25	-213.07	22.76	-337.27	28.89	135.03	55.07	18.12	-154.41	51.15	65.75
ROLLRH_SIN		0.00	-9331.36	64.20	204.97	-118.26	-3200.57	-186.12	105.64	-97.92	-109.04	-147.75	58.44	-121.48	10.01	80.53	279.54
TORQ_COS		106881.78	388.29	-7.66	54.94	-148.94	431.27	3.69	-41.26	-16.14	2.02	-10.59	-4.02	-3.24	-3.56	-2.68	8.24
TORQ_SIN		0.00	962.60	-72.08	72.03	-73.38	-162.96	29.22	29.41	2.62	-1.15	1.01	6.48	-1.25	6.00	-0.79	-0.81
THRUST_COS		5916.31	-104.32	-12.39	22.26	25.43	190.16	6.79	-3.61	6.60	-4.77	49.54	4.55	-2.77	7.50	-3.31	3.61
THRUST_SIN		0.00	-159.52	-9.65	0.09	23.68	-170.86	16.10	18.98	-4.49	4.11	0.24	10.68	9.09	1.28	-5.66	-45.04

RUN	POINT	Harmonics															
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.94	58.55	-21.64	-0.51	-20.18	261.31	13.89	1.89	8.29	0.16	-11.08	-0.13	-0.60	4.72	-1.79	-1.81
SIDERH_SIN		0.00	233.69	-2.26	0.72	52.76	201.13	14.81	-2.27	1.32	5.41	0.72	-2.95	3.53	-0.42	-2.21	-7.00
DRAGRH_COS		-81.84	238.42	18.18	-2.46	4.69	-280.83	8.07	-4.85	-1.69	-3.87	-23.31	-6.62	-1.17	0.23	2.72	8.83
DRAGRH_SIN		0.00	-56.72	18.42	-3.05	-7.20	-381.73	-25.22	-7.02	0.99	-4.93	16.46	1.59	1.94	2.73	-3.94	-1.53

RUN	POINT	Harmonics															
54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.04	0.00	0.00	-0.02	-0.02	-0.02	0.01	-0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.99	0.00	-0.01	-0.02	0.02	0.03	-0.01	0.00	0.08	0.00	-0.01	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1FORCE_COS		-22.83	-0.78	-10.00	1.44	-13.73	-0.92	2.14	-0.39	-0.05	-0.72	0.00	-0.31	-1.37	-0.06	0.16	-0.14
ACT1FORCE_SIN		0.00	20.73	-2.71	0.14	5.53	-3.40	0.86	0.03	0.02	0.93	-0.10	-0.13	2.00	-0.09	-0.10	-0.24
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		398.24	-1.68	72.10	-8.61	152.09	8.37	-14.74	0.24	0.23	0.09	-0.12	-0.02	-0.61	-0.05	0.06	0.08
FA1IBVOLTAGE_SIN		0.00	-127.57	13.50	7.28	162.66	17.22	-6.76	-0.05	0.13	0.00	0.15	-0.02	-0.03	-0.03	-0.05	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.08	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.05	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		407.58	1.82	-72.19	8.66	-152.59	-8.62	15.02	-0.13	0.30	-0.04	0.01	-0.04	0.60	0.02	-0.05	-0.08
FA1OBVOLTAGE_SIN		0.00	127.84	-13.42	-7.08	-162.87	-17.65	6.60	0.09	0.02	0.07	-0.11	0.01	-0.02	-0.02	0.05	0.04
MRBLD1CB42P75_COS		-642.75	-1332.06	427.57	44.43	-36.16	-79.19	-156.31	47.31	2.46	-40.36	87.47	-57.48	10.50	10.96	-20.95	0.48
MRBLD1CB42P75_SIN		0.00	1806.05	96.82	125.48	-135.42	115.79	-71.02	-91.75	67.21	-36.51	-111.21	-20.34	-9.78	14.58	-3.94	36.02

RUN	POINT	Harmonics															
54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4485.76	-1040.93	273.00	64.31	53.14	-187.24	-370.51	39.30	12.58	-29.13	14.76	-33.91	4.64	16.80	-12.98	20.76
MRBLD1CB70_SIN		0.00	1336.11	-68.35	245.69	-359.05	-73.98	-133.11	-36.83	61.44	-14.55	-62.15	-13.43	-6.65	0.49	-7.50	48.04
MRBLD1CB120_COS		-260.62	-671.92	209.03	162.79	8.34	-190.20	-446.63	20.39	5.64	6.50	-49.17	33.76	-1.15	-1.41	9.95	1.07
MRBLD1CB120_SIN		0.00	912.97	-120.64	136.48	-178.67	-238.45	-197.78	-22.07	-56.98	3.81	79.57	14.70	8.65	0.98	-5.66	5.86
MRBLD1CB164_COS		-1982.23	-236.56	44.78	122.69	-53.88	-109.52	-176.99	-7.90	-3.87	13.88	-18.03	26.20	-0.05	-12.52	0.73	-12.63
MRBLD1CB164_SIN		0.00	328.08	-49.40	54.74	-14.38	-180.40	-103.76	26.31	-86.28	-0.75	73.38	13.12	10.89	3.62	12.52	-37.03
MRBLD1FB42P75_COS		2573.52	296.55	173.60	893.20	-412.29	136.65	-166.39	-93.67	-107.04	-123.62	98.01	-33.31	-1.16	24.93	-29.62	60.70
MRBLD1FB42P75_SIN		0.00	-337.77	420.78	-155.26	1124.65	312.27	77.42	-331.04	10.38	-68.85	-129.95	7.83	-26.40	12.93	-4.79	26.44
MRBLD1FB70_COS		640.48	98.92	54.40	293.16	-152.77	34.39	-44.12	-5.01	-2.43	-5.63	1.58	2.18	0.61	-2.71	6.15	-11.60
MRBLD1FB70_SIN		0.00	-249.65	177.34	-61.52	293.07	60.51	8.41	-52.15	11.39	3.85	-0.22	3.56	5.39	-0.94	2.31	-6.24
MRBLD1FB87_COS		84.34	113.41	-1.18	163.90	-92.15	-4.94	2.91	4.40	17.12	25.04	-20.24	13.63	1.73	-4.95	7.13	-12.45
MRBLD1FB87_SIN		0.00	-316.17	126.75	-20.39	134.60	-4.90	-8.73	28.95	-5.36	15.16	32.89	-2.03	9.07	-0.51	2.55	-2.91
MRBLD1FB120_COS		-305.39	148.42	-62.43	157.69	-14.55	-67.98	34.38	3.60	-6.33	-3.26	0.15	-15.70	-4.05	5.08	-9.59	19.15
MRBLD1FB120_SIN		0.00	-471.15	146.12	88.09	27.47	-43.72	-10.05	84.62	-9.32	-9.25	-12.22	-4.93	-15.50	-3.67	-5.52	4.22
MRBLD1FB164_COS		59.40	146.82	60.73	46.41	295.72	28.93	19.59	5.01	-3.68	5.58	-8.86	17.64	3.20	-10.34	2.82	-7.30
MRBLD1FB164_SIN		0.00	-634.59	294.23	174.06	-375.28	-64.19	5.87	-111.65	12.57	10.76	21.69	1.50	13.49	0.17	-2.56	-1.51

RUN	POINT	Harmonics															
54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-15.44	-16.73	80.11	-37.28	192.21	63.55	-1.99	-6.18	-3.63	38.75	-33.59	6.26	-14.60	-0.58	-8.78	21.17
MRBLD1FB180_SIN		0.00	-442.37	201.53	116.44	-294.91	-26.99	12.47	-91.61	2.66	17.79	74.96	-5.70	-12.46	-10.20	-7.00	6.53
MRBLD1TOR51_COS		-1467.97	184.69	54.39	9.99	130.73	-23.93	46.09	-17.57	-11.71	6.01	-7.07	0.85	-2.31	-2.23	-0.63	1.21
MRBLD1TOR51_SIN		0.00	-144.56	185.46	-24.59	-114.38	157.15	-63.47	-58.42	-4.46	8.74	5.84	-0.32	4.16	-5.77	-4.07	7.17
MRBLD1TOR71_COS		-320.15	199.04	25.06	-19.86	141.64	-12.88	58.75	-19.25	-6.21	7.58	-11.10	2.48	-2.59	-1.10	0.09	0.43
MRBLD1TOR71_SIN		0.00	-141.83	154.19	-41.45	-136.91	135.24	-50.23	-36.62	-4.16	15.70	9.12	2.14	2.95	-4.33	-2.12	3.68
MRBLD1TOR130_COS		-69.18	178.81	29.65	-66.42	152.17	5.59	40.81	-5.73	-6.11	-0.47	14.25	-3.99	-0.15	0.70	-1.72	-1.29
MRBLD1TOR130_SIN		0.00	-107.08	94.80	-27.10	-174.68	107.04	-33.94	-37.39	-1.31	2.46	1.69	3.45	-0.84	4.03	1.92	-2.95
MRBLD1TOR164_COS		-283.29	95.85	15.16	-65.45	36.24	13.59	9.60	-5.92	1.59	1.52	0.12	-0.70	2.73	1.89	-0.66	1.86
MRBLD1TOR164_SIN		0.00	-20.36	13.83	-44.43	-84.62	75.37	-15.98	-16.04	1.50	7.27	-1.34	-1.20	-5.27	2.87	-2.69	-0.10
MRFBM1CB26P5_COS		-813.36	-811.15	197.15	-68.08	45.21	-4.90	53.54	5.01	-2.67	-0.93	22.35	-1.90	1.54	-1.92	0.03	-3.66
MRFBM1CB26P5_SIN		0.00	802.84	140.37	-56.74	20.46	50.68	11.66	-19.08	-3.84	-6.87	-8.98	-1.22	-0.85	2.38	-1.27	-1.27
MRFBM1FB9_COS		747.15	-251.90	-207.19	-204.53	93.07	12.66	6.83	-10.20	4.39	1.53	-5.29	1.23	-0.74	0.34	0.01	0.91
MRFBM1FB9_SIN		0.00	-85.26	-252.31	-62.29	-104.13	-25.58	20.51	16.02	2.19	5.25	-0.39	2.18	0.31	-0.60	1.15	-2.77
MRFBM1TOR26P5_COS		-102.13	81.87	3.25	-0.40	5.01	-0.79	1.60	-0.27	-0.23	0.41	-0.53	0.17	0.04	-0.10	0.08	0.01
MRFBM1TOR26P5_SIN		0.00	-262.62	3.08	-0.27	-3.45	2.44	-0.95	-0.40	0.22	-0.21	0.22	-0.11	0.23	-0.09	0.01	0.03

RUN	POINT	Harmonics															
54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		229.28	-958.32	391.53	10.70	-90.00	-5.89	-76.32	25.74	6.86	-31.68	70.74	-37.37	12.72	9.66	-13.04	-2.55
MRPC1CB33P25_SIN		0.00	1533.18	77.88	35.66	85.32	124.13	-46.68	-97.70	34.61	-40.41	-80.38	-5.67	-11.01	15.59	-5.37	33.25
MRPC1FB33P25_COS		1864.31	243.05	7.84	797.47	-586.35	21.33	-176.34	61.85	-80.85	-52.51	152.57	-27.70	22.54	7.02	-13.09	10.74
MRPC1FB33P25_SIN		0.00	-94.97	342.24	28.98	838.77	281.74	13.30	-315.06	-46.06	-121.08	-43.11	-15.34	-19.00	28.22	-27.99	71.96
MRPC1TOR25P5_COS		-339.88	-109.46	-83.97	37.49	-169.57	35.94	-56.95	22.88	15.28	-9.04	28.38	-3.56	4.79	5.51	-1.62	-1.85
MRPC1TOR25P5_SIN		0.00	-97.49	-189.93	31.31	139.91	-166.72	75.70	54.47	2.90	-13.09	-11.63	3.44	-7.65	11.99	5.48	-2.10
MRPLK1LOAD_COS		-0.22	-17.65	-11.49	3.57	-25.96	6.21	-8.99	3.65	3.26	-2.09	4.84	-1.07	0.25	1.30	-0.46	-0.63
MRPLK1LOAD_SIN		0.00	-5.94	-26.58	1.46	17.93	-24.32	9.90	8.22	0.26	-0.53	-1.94	0.35	-1.97	1.83	0.52	-0.32
PITCHRH_COS		12466.45	-9180.44	-94.68	151.88	-16.97	1201.64	-173.88	-135.32	-134.83	-4.57	22.09	-118.97	17.01	-42.50	137.15	-361.88
PITCHRH_SIN		0.00	1824.02	-999.38	-20.93	-69.82	6225.65	362.47	-142.55	-7.42	34.24	-396.56	-274.38	58.06	-45.09	-181.91	-19.35
ROLLRH_COS		4522.96	-1968.67	1044.31	-57.83	28.98	-6451.32	-143.84	136.68	12.49	-132.36	34.47	107.14	-69.57	45.96	-10.22	217.90
ROLLRH_SIN		0.00	-9344.60	89.95	214.96	-291.84	-1412.72	20.73	-7.14	209.97	41.38	-34.83	-187.71	155.13	-61.32	175.94	16.72
TORQ_COS		107602.59	377.82	-7.82	81.86	-38.51	25.16	23.75	-4.30	13.84	-1.55	-58.91	-1.67	6.51	3.36	-0.80	6.44
TORQ_SIN		0.00	964.53	-80.73	120.94	12.87	-475.69	28.49	82.71	-3.06	-1.57	76.32	2.86	-1.28	3.23	-1.13	11.44
THRUST_COS		6015.34	-102.58	-11.99	27.24	13.56	5.76	14.51	21.91	0.01	1.13	-46.20	-4.39	3.73	0.22	-8.91	-41.39
THRUST_SIN		0.00	-171.44	5.55	1.93	10.67	-259.47	14.62	29.88	-7.70	-0.30	3.68	-15.03	-10.30	-4.80	4.20	-39.02

RUN	POINT	Harmonics															
54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.78	64.59	-23.40	2.95	29.12	507.75	20.10	-2.64	-4.02	6.03	0.33	-5.67	1.97	-1.47	0.50	-5.72
SIDERH_SIN		0.00	237.94	-5.14	1.96	50.57	-156.91	0.15	-0.31	-7.95	-0.22	1.63	3.72	-4.49	1.00	-5.67	-0.42
DRAGRH_COS		-57.73	239.77	15.94	-5.57	1.27	-649.54	-30.64	-7.43	11.63	-7.09	12.37	4.36	0.47	1.51	-5.27	15.20
DRAGRH_SIN		0.00	-57.97	15.86	-0.96	-4.42	199.88	-34.24	0.74	-5.34	-1.53	21.84	12.41	-0.73	2.01	10.31	-7.16

RUN	POINT	Harmonics															
55	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.01	0.00	0.16	0.00	0.00	0.03	-0.05	0.00	0.00	0.03	0.05	-0.02	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.01	-1.28	0.00	0.00	0.04	0.00	0.00	-0.02	0.00	-0.08	-0.01	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-32.62	-1.07	-12.21	-3.17	15.14	-0.62	-2.30	0.92	-0.84	-0.44	0.02	0.82	2.01	-0.33	0.16	-0.35
ACT1FORCE_SIN		0.00	20.90	1.19	-7.32	-0.73	5.40	-1.58	0.74	-0.09	-0.02	-0.83	0.08	-1.27	-0.21	0.22	0.23
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.02	-0.13	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.04	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.13	-7.13	74.42	26.57	-125.43	-1.74	19.97	0.24	0.36	-0.12	-0.10	-0.10	0.59	0.13	-0.16	-0.07
FA1IBVOLTAGE_SIN		0.00	-121.20	-17.10	50.93	-248.92	-33.58	10.95	-0.26	0.43	0.31	-0.05	0.04	0.52	0.01	-0.01	-0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.02	0.12	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.01	-0.04	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.94	7.30	-74.97	-26.81	126.48	1.92	-20.57	-0.34	0.33	0.09	-0.07	0.14	-0.58	-0.18	0.13	0.09
FA1OBVOLTAGE_SIN		0.00	121.75	17.34	-51.70	249.20	34.46	-10.86	-0.15	0.34	-0.05	-0.08	-0.06	-0.44	0.00	-0.02	0.02
MRBLD1CB42P75_COS		-784.17	-1607.23	730.34	-229.54	-290.64	-15.72	-5.10	-39.75	-48.69	49.40	-21.01	34.47	-31.56	-8.94	5.59	2.74
MRBLD1CB42P75_SIN		0.00	1531.57	25.80	101.11	592.67	-356.10	54.18	-54.86	38.97	-14.71	-89.59	28.19	30.31	-3.00	1.44	25.62

RUN	POINT	Harmonics															
55	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4564.58	-1249.72	576.30	-408.61	-295.69	55.23	164.44	-34.75	-58.51	62.08	-50.94	22.67	-14.02	-9.08	0.21	8.07
MRBLD1CB70_SIN		0.00	1178.39	-58.12	81.58	1118.92	-234.25	314.01	-13.46	47.65	-12.83	9.83	4.81	23.38	-6.15	-12.30	17.24
MRBLD1CB120_COS		-197.82	-770.54	439.69	-286.58	-54.23	61.52	271.18	-15.64	14.30	-44.21	-1.74	-19.50	16.19	7.03	3.00	-5.30
MRBLD1CB120_SIN		0.00	829.06	-64.32	133.83	1078.01	14.71	504.23	-44.17	-48.17	3.55	28.87	-9.61	-5.97	2.87	-3.65	0.31
MRBLD1CB164_COS		-1992.60	-262.91	99.68	-79.92	53.04	1.43	98.08	16.33	31.83	-66.94	36.86	-15.21	10.48	4.48	-1.83	-4.67
MRBLD1CB164_SIN		0.00	294.16	-4.38	88.96	402.40	109.06	256.36	-13.29	-59.41	-2.53	-23.30	11.66	-5.42	9.74	10.26	-5.86
MRBLD1FB42P75_COS		2586.05	381.77	89.33	491.14	606.10	-260.29	3.95	-303.96	-56.54	-102.22	-134.15	51.63	-10.73	-7.51	14.72	43.40
MRBLD1FB42P75_SIN		0.00	-331.79	273.07	1010.00	-244.72	-65.17	0.71	-222.87	-87.10	11.50	-250.54	27.38	31.86	-24.23	-35.32	16.69
MRBLD1FB70_COS		612.99	115.28	29.06	92.60	182.04	-64.56	7.33	-38.21	-0.02	3.21	-0.29	0.68	2.70	1.79	-2.09	-6.94
MRBLD1FB70_SIN		0.00	-265.05	137.17	262.79	-29.61	-36.82	10.73	-32.37	-0.08	5.33	5.70	-1.28	-0.91	4.26	4.75	-4.85
MRBLD1FB87_COS		62.24	128.60	-45.88	28.62	87.95	-23.23	-11.45	26.86	9.63	20.46	30.91	-11.57	4.04	2.88	-2.42	-9.23
MRBLD1FB87_SIN		0.00	-311.24	107.52	125.68	-30.72	11.00	1.53	18.03	7.65	1.08	56.50	-5.63	-7.52	7.28	9.97	-0.25
MRBLD1FB120_COS		-301.12	149.61	-164.16	3.32	-6.71	19.98	-44.01	45.56	-6.76	-12.73	-11.87	0.29	-9.21	-5.16	2.97	13.05
MRBLD1FB120_SIN		0.00	-415.20	102.84	164.60	-11.02	89.31	-0.57	50.61	6.55	-10.74	-23.50	1.37	2.06	-13.35	-15.60	1.01
MRBLD1FB164_COS		78.78	112.06	-57.31	89.16	-280.97	59.04	56.74	-50.26	6.54	16.39	21.26	-8.10	5.80	3.29	-6.58	-11.34
MRBLD1FB164_SIN		0.00	-505.93	93.93	353.75	285.90	20.61	-46.44	-87.61	-1.79	14.16	42.68	-5.50	-9.31	8.04	9.62	-1.59

RUN	POINT	Harmonics															
55	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		3.79	-32.91	11.06	58.82	-177.69	27.59	52.45	-52.02	16.31	26.87	57.14	-25.53	-15.16	-10.37	3.35	17.87
MRBLD1FB180_SIN		0.00	-353.24	67.10	196.79	218.21	-10.50	-23.49	-91.08	4.65	19.49	105.13	-14.93	-18.90	-15.27	-19.48	1.45
MRBLD1TOR51_COS		-1477.41	174.07	120.36	36.05	-195.10	48.08	-36.65	-24.72	-11.27	-8.14	0.58	-1.94	5.27	-0.10	9.11	7.15
MRBLD1TOR51_SIN		0.00	-133.41	106.83	233.40	158.47	-164.54	18.26	-35.21	13.67	-0.36	12.58	-8.95	-11.43	-3.68	-7.73	6.40
MRBLD1TOR71_COS		-310.20	195.17	74.23	43.44	-183.45	52.11	-31.53	-13.68	-8.66	-8.25	2.52	-5.51	5.06	-1.05	5.02	2.68
MRBLD1TOR71_SIN		0.00	-130.49	89.74	163.69	123.14	-136.91	12.68	-17.19	13.94	1.80	18.64	-8.64	-10.58	-1.11	-3.09	6.33
MRBLD1TOR130_COS		-52.96	167.29	73.72	49.06	-182.15	34.34	-16.34	-14.84	-0.78	-11.29	11.74	-3.01	-4.17	-2.78	-5.42	-5.82
MRBLD1TOR130_SIN		0.00	-99.24	41.76	120.20	131.58	-118.42	11.88	-21.15	3.47	-1.35	-14.03	6.18	1.01	2.32	4.95	0.64
MRBLD1TOR164_COS		-274.98	86.63	58.73	27.69	-60.24	0.10	-9.47	-10.86	1.91	0.94	5.96	-5.61	-6.93	0.42	-5.63	-4.53
MRBLD1TOR164_SIN		0.00	-31.23	10.08	11.81	78.08	-82.20	9.17	-3.99	1.23	-1.10	4.94	0.89	-0.18	-1.09	3.41	-1.96
MRFBM1CB26P5_COS		-991.10	-950.07	322.30	11.61	-137.71	12.81	-37.73	-0.65	3.44	-4.62	12.16	2.22	-2.09	1.74	3.02	-1.77
MRFBM1CB26P5_SIN		0.00	684.36	113.84	-54.18	-123.45	-67.95	-69.73	-15.60	-3.86	-0.44	-33.43	5.83	-0.90	-0.77	1.22	2.83
MRFBM1FB9_COS		667.92	-186.04	-238.17	0.16	-50.57	25.81	19.73	4.81	1.02	0.35	-3.40	0.26	1.79	-0.54	-1.24	0.67
MRFBM1FB9_SIN		0.00	-121.24	-116.81	-300.02	-17.29	21.61	-4.57	19.89	3.95	1.79	6.59	-1.42	0.15	0.77	-0.34	-1.66
MRFBM1TOR26P5_COS		-105.04	82.23	3.96	-0.76	-7.75	1.33	-0.46	0.18	-0.10	0.55	-0.38	0.32	0.23	0.14	0.16	0.29
MRFBM1TOR26P5_SIN		0.00	-255.59	1.77	1.73	2.26	-2.47	-1.33	-0.15	0.25	0.07	0.69	-0.18	-0.05	-0.03	-0.19	-0.13

RUN	POINT	Harmonics															
55	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		470.99	-1173.26	595.22	-58.11	-107.60	-81.90	-66.40	-38.42	-8.45	0.77	-4.92	30.32	-22.84	-3.15	10.61	1.49
MRPC1CB33P25_SIN		0.00	1299.16	-9.05	106.19	188.84	-250.66	5.46	-64.98	-7.53	-21.95	-108.31	19.13	17.90	-4.55	0.44	22.39
MRPC1FB33P25_COS		1804.47	305.56	-32.56	250.56	561.09	-190.17	14.72	-149.06	-2.80	-74.37	52.59	20.21	-29.33	13.20	35.11	6.46
MRPC1FB33P25_SIN		0.00	-79.21	208.51	901.36	-38.51	-123.22	5.13	-305.23	-102.70	-49.46	-260.82	54.09	13.70	-21.47	-6.30	49.18
MRPC1TOR25P5_COS		-364.71	-101.85	-152.54	-18.10	227.58	-54.47	42.89	18.45	11.74	6.85	13.82	0.26	-13.96	-3.35	-14.54	-16.49
MRPC1TOR25P5_SIN		0.00	-104.36	-109.09	-230.08	-144.23	168.59	-12.07	27.43	-19.55	-6.52	-34.73	21.03	17.99	5.58	16.17	1.48
MRPLK1LOAD_COS		-6.12	-16.66	-19.97	-4.25	31.13	-6.52	3.36	3.10	2.35	-0.52	3.43	-1.42	-2.71	-0.88	-3.06	-3.56
MRPLK1LOAD_SIN		0.00	-7.57	-15.23	-35.60	-19.16	24.43	-0.70	4.17	-3.01	-1.01	-5.21	2.60	1.97	1.19	3.04	1.12
PITCHRH_COS		10046.47	-9073.05	-447.90	138.83	112.99	-726.33	203.24	24.30	-5.03	-62.40	16.86	200.51	28.99	-102.92	-183.36	136.21
PITCHRH_SIN		0.00	507.21	-982.48	-37.33	60.12	-7296.07	-133.45	-15.70	-145.48	-69.73	-66.70	-275.00	3.81	59.58	-8.37	108.11
ROLLRH_COS		4701.12	-447.33	1048.51	-52.36	67.60	2434.03	94.70	-57.43	150.09	9.22	321.79	224.44	-56.04	-224.66	314.13	131.43
ROLLRH_SIN		0.00	-8997.00	-448.98	70.95	421.34	3920.16	-306.77	-47.58	234.37	-146.28	1.21	12.33	-9.29	197.17	204.01	470.39
TORQ_COS		106559.84	623.58	-37.16	154.96	120.87	-137.26	-2.94	-4.88	14.64	1.19	-18.48	-1.89	-1.44	-5.72	-3.81	2.08
TORQ_SIN		0.00	1198.39	-62.53	42.61	-162.73	692.35	-6.67	49.10	5.15	-11.18	125.37	2.41	2.77	6.54	-5.32	0.30
THRUST_COS		5869.90	-258.07	3.63	28.41	-10.71	57.74	-0.92	1.80	6.51	-2.05	34.24	4.46	-1.62	-9.72	5.93	-8.29
THRUST_SIN		0.00	-245.67	-9.95	-24.27	36.81	157.25	4.95	13.06	5.02	8.13	37.91	-0.17	12.97	8.67	1.10	-1.77

RUN	POINT	Harmonics															
55	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.55	28.28	-27.11	0.65	-50.36	-484.45	-11.45	0.97	-6.37	-0.01	-20.67	-6.99	1.26	6.06	-9.58	-3.13
SIDERH_SIN		0.00	210.41	6.70	-0.30	-47.27	-225.40	3.12	-4.15	-7.08	7.19	-3.14	-5.22	0.28	-5.96	-6.55	-13.30
DRAGRH_COS		-64.69	211.78	17.96	1.22	10.99	1104.16	1.97	-3.13	8.26	1.47	-13.55	-12.62	-1.28	4.86	10.33	-9.49
DRAGRH_SIN		0.00	-23.73	13.81	-0.36	12.07	350.92	51.59	3.81	-3.23	7.04	24.74	9.02	-0.53	-1.17	-0.65	-0.91

RUN	POINT	Harmonics															
63	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	-0.08	0.00	0.00	0.03	-0.04	-0.01	0.00	0.02	0.00	-0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-1.28	0.00	0.00	0.03	0.02	0.00	-0.01	-0.02	-0.08	0.00	0.00	0.01
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1FORCE_COS		-25.29	-0.95	-11.22	-3.81	13.52	0.58	-2.39	0.95	-0.72	-0.39	-0.02	0.58	0.79	-0.45	0.26	-0.21
ACT1FORCE_SIN		0.00	21.13	1.41	-6.29	-4.50	5.25	-0.79	0.50	0.21	0.07	-0.50	-0.29	-1.94	0.11	0.14	0.39
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.02	-0.11	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		381.27	-6.94	70.69	31.39	-158.85	-9.66	21.23	0.18	0.50	-0.06	-0.10	0.01	0.72	-0.04	-0.04	-0.06
FA1IBVOLTAGE_SIN		0.00	-124.32	-16.92	43.91	-216.65	-31.80	4.62	-0.42	0.28	0.25	-0.01	0.10	0.15	-0.20	-0.01	-0.11
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	-0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		424.77	7.14	-71.18	-31.79	160.18	10.04	-21.76	-0.39	0.32	0.14	-0.08	0.00	-0.67	0.02	-0.01	0.04
FA1OBVOLTAGE_SIN		0.00	124.82	17.26	-44.55	216.51	32.56	-4.34	0.11	0.16	-0.03	-0.01	-0.12	-0.11	0.24	0.01	0.08
MRBLD1CB42P75_COS		-701.92	-2078.50	636.47	-207.79	-104.68	-126.51	7.46	-33.79	-36.93	8.71	-33.91	66.27	-17.44	-9.18	-0.29	10.67
MRBLD1CB42P75_SIN		0.00	1282.67	-21.46	142.74	626.88	-337.36	39.84	-67.63	54.27	-38.99	-84.44	20.65	48.29	8.90	3.20	21.03

RUN	POINT	Harmonics															
63	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4447.23	-1534.25	495.87	-371.61	20.75	-66.35	259.10	-13.85	-41.32	24.51	-33.83	43.64	-6.90	-6.42	-10.83	12.45
MRBLD1CB70_SIN		0.00	990.86	-105.53	128.99	1133.72	-218.99	255.73	-20.12	68.42	-37.39	14.70	3.48	33.80	6.67	-0.77	14.69
MRBLD1CB120_COS		-247.26	-860.95	374.60	-238.81	228.57	-24.22	420.19	-1.61	10.43	-18.67	0.17	-35.69	7.13	7.51	-0.56	-6.26
MRBLD1CB120_SIN		0.00	739.58	-106.66	167.95	1046.85	24.90	424.70	-42.15	-41.39	24.09	36.01	-5.62	-14.34	-1.30	-2.57	5.76
MRBLD1CB164_COS		-1981.26	-273.05	86.40	-54.53	154.06	-15.10	171.27	15.37	24.66	-35.13	16.90	-26.71	7.89	4.77	6.38	-5.88
MRBLD1CB164_SIN		0.00	268.10	-20.35	100.72	382.58	107.96	227.08	-9.65	-62.96	24.76	-18.62	8.82	-15.75	2.20	0.35	-7.40
MRBLD1FB42P75_COS		2329.95	496.96	84.23	643.02	500.48	-257.32	-23.96	-298.38	-59.28	-76.79	-165.66	57.94	8.51	-16.10	3.51	45.18
MRBLD1FB42P75_SIN		0.00	-292.50	286.77	940.43	-340.54	-5.55	-16.73	-189.19	-67.64	28.94	-173.99	5.83	28.33	-13.30	-22.83	1.53
MRBLD1FB70_COS		592.86	107.05	31.37	139.82	167.91	-70.98	6.04	-37.39	1.56	3.65	1.83	0.91	1.54	3.14	-1.40	-8.42
MRBLD1FB70_SIN		0.00	-268.13	139.29	254.55	-62.15	-19.36	6.68	-30.48	1.01	5.06	6.00	-0.95	-1.07	3.26	2.58	-2.75
MRBLD1FB87_COS		68.06	123.36	-37.06	51.52	77.41	-19.40	-8.26	26.53	9.72	17.79	39.02	-14.26	-1.03	5.03	0.80	-8.16
MRBLD1FB87_SIN		0.00	-311.26	112.42	126.03	-47.53	15.37	6.06	15.06	4.89	-2.32	40.97	0.62	-6.78	4.67	7.37	3.34
MRBLD1FB120_COS		-294.97	148.42	-144.61	25.56	-12.12	39.08	-37.22	45.75	-6.35	-13.93	-15.90	1.71	-5.49	-8.81	-1.66	12.31
MRBLD1FB120_SIN		0.00	-414.33	119.81	170.56	-8.90	75.80	12.86	48.98	4.76	-7.96	-19.82	-2.15	2.83	-10.50	-11.45	-4.10
MRBLD1FB164_COS		36.70	120.66	-50.34	126.74	-223.70	63.70	43.69	-54.98	8.40	16.06	27.16	-10.63	0.12	5.26	-2.81	-10.62
MRBLD1FB164_SIN		0.00	-511.90	117.24	335.76	332.89	5.61	-55.05	-86.68	-1.41	11.21	32.81	-0.43	-8.61	5.90	8.52	3.23

RUN	POINT	Harmonics															
63	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-48.26	-19.92	9.90	80.84	-132.48	25.04	44.97	-57.37	17.09	24.70	69.00	-34.89	-23.76	-15.09	-2.32	17.79
MRBLD1FB180_SIN		0.00	-355.05	78.61	179.84	248.05	-15.09	-32.67	-86.54	1.82	13.61	76.93	-4.55	-15.35	-13.94	-16.12	-5.72
MRBLD1TOR51_COS		-1510.14	162.89	112.32	70.54	-155.58	3.65	-23.58	-25.80	-7.70	-6.28	3.52	-6.80	-1.92	-1.05	5.03	9.78
MRBLD1TOR51_SIN		0.00	-169.55	97.00	218.39	191.65	-168.00	14.57	-35.87	12.70	3.77	10.14	-6.53	-13.43	-5.03	-9.52	1.99
MRBLD1TOR71_COS		-347.75	190.64	71.69	67.92	-151.63	15.47	-19.83	-14.75	-5.87	-4.51	6.00	-10.67	-2.60	-0.44	3.42	5.51
MRBLD1TOR71_SIN		0.00	-161.34	83.16	149.62	155.99	-142.58	10.07	-19.32	11.50	6.56	13.99	-6.04	-11.89	-1.74	-4.11	4.60
MRBLD1TOR130_COS		-85.98	161.70	72.35	63.95	-148.16	3.07	-6.68	-16.08	-1.09	-6.55	6.38	-1.51	-5.25	-0.60	-2.78	-5.37
MRBLD1TOR130_SIN		0.00	-130.65	37.23	103.79	165.15	-120.80	6.25	-21.85	1.33	4.38	-15.85	5.76	4.25	4.55	6.82	4.19
MRBLD1TOR164_COS		-290.18	79.03	59.63	29.33	-40.47	-19.77	-4.21	-10.41	1.14	2.32	5.87	-4.75	-6.12	1.09	-3.49	-5.48
MRBLD1TOR164_SIN		0.00	-54.68	3.33	2.75	88.80	-77.77	6.42	-3.50	-0.59	0.42	1.14	0.91	3.82	-0.01	6.16	1.02
MRFBM1CB26P5_COS		-1001.08	-1213.61	299.14	3.57	-158.01	8.52	-59.14	-5.28	-0.01	-3.39	1.64	2.62	-1.43	0.09	3.07	-0.61
MRFBM1CB26P5_SIN		0.00	491.59	80.08	-50.04	-85.68	-73.01	-59.92	-16.68	-5.34	0.24	-31.40	3.96	-0.46	-1.80	-0.69	3.35
MRFBM1FB9_COS		537.72	127.60	-218.15	-47.15	-49.05	30.95	18.12	5.53	1.59	1.00	-1.46	-0.66	1.47	0.05	-0.70	-0.20
MRFBM1FB9_SIN		0.00	-74.11	-113.54	-300.71	-10.50	15.50	-7.73	17.87	3.09	2.15	6.12	-1.74	-0.72	0.61	0.13	-1.74
MRFBM1TOR26P5_COS		-108.76	74.28	4.05	-0.50	-7.13	0.99	-0.96	0.25	0.11	0.29	-0.06	0.25	0.28	0.04	0.07	0.21
MRFBM1TOR26P5_SIN		0.00	-261.71	1.32	1.82	3.85	-2.53	-1.31	-0.27	0.36	-0.20	0.76	-0.18	-0.22	-0.17	-0.28	-0.31

RUN	POINT	Harmonics															
63	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		211.56	-1583.72	505.40	-61.58	-53.62	-146.97	-68.73	-37.59	-5.14	-18.14	-30.17	46.94	-13.82	-6.71	3.61	8.39
MRPC1CB33P25_SIN		0.00	1154.99	-41.12	111.13	196.19	-230.50	9.42	-71.24	1.16	-21.96	-95.92	8.02	33.16	4.67	-0.58	19.87
MRPC1FB33P25_COS		1773.61	413.14	-40.06	388.62	504.57	-207.91	-1.30	-161.18	-16.45	-66.33	-15.14	41.40	-14.25	1.44	19.47	22.15
MRPC1FB33P25_SIN		0.00	-34.60	226.63	875.07	-142.08	-74.80	-20.81	-279.73	-87.09	-26.85	-226.86	42.72	26.44	-19.50	-5.76	45.79
MRPC1TOR25P5_COS		-331.08	-105.49	-143.27	-50.98	193.06	-9.99	29.69	20.79	6.09	5.03	4.15	9.15	-5.33	0.95	-7.63	-16.54
MRPC1TOR25P5_SIN		0.00	-77.48	-98.39	-213.32	-184.89	173.05	-8.81	29.52	-19.10	-7.69	-34.58	17.26	25.04	10.40	21.73	11.77
MRPLK1LOAD_COS		5.14	-17.32	-18.58	-8.93	26.06	-0.40	2.29	3.37	1.21	-0.12	1.60	-0.30	-2.03	0.28	-1.62	-3.06
MRPLK1LOAD_SIN		0.00	-4.40	-13.91	-33.05	-25.11	25.09	0.21	4.56	-3.28	-0.39	-5.86	2.21	3.72	2.37	4.10	3.25
PITCHRH_COS		6185.94	-9399.88	-226.18	81.26	59.19	-2920.18	173.51	-18.38	-35.81	-119.56	70.85	40.94	30.33	-5.53	-137.63	18.44
PITCHRH_SIN		0.00	1127.88	-967.82	-149.99	-96.68	-6223.70	-92.73	30.24	84.47	-27.74	-104.73	-299.13	-31.56	209.05	121.59	155.30
ROLLRH_COS		3705.18	-1181.24	1053.49	-37.14	152.41	2794.58	-13.65	-19.09	201.16	-67.59	246.31	199.05	-58.41	-6.50	290.32	228.82
ROLLRH_SIN		0.00	-9267.06	-237.21	49.10	149.48	2824.50	-243.31	-124.30	192.97	-130.63	-71.66	-111.83	28.59	246.77	-51.73	325.08
TORQ_COS		103579.15	457.20	-19.34	172.30	10.59	-6.31	-0.79	13.20	26.54	-4.51	20.32	-3.20	1.99	2.92	-9.59	4.22
TORQ_SIN		0.00	1044.58	-69.63	11.31	-190.27	716.33	-0.47	63.97	-1.35	-11.63	112.46	5.28	3.14	4.38	-2.79	-4.79
THRUST_COS		5558.63	-120.73	5.28	21.42	-6.97	96.79	6.24	7.68	3.05	2.45	30.05	8.09	4.19	0.45	-1.62	-10.12
THRUST_SIN		0.00	-214.60	-8.37	-24.53	31.17	129.55	4.66	16.52	-5.50	9.06	9.31	-7.70	16.37	12.67	-4.60	11.12

RUN	POINT	Harmonics															
63	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-135.05	41.83	-31.38	-1.24	-22.30	-491.97	-2.16	-2.37	-9.65	2.72	-15.30	-9.17	0.44	-0.54	-8.89	-5.39
SIDERH_SIN		0.00	237.47	4.40	-3.53	-35.54	-116.93	-2.38	-1.90	-4.04	6.93	3.21	-1.50	-0.74	-6.80	1.44	-9.37
DRAGRH_COS		-108.85	245.96	16.80	5.72	-1.45	1174.04	-5.42	-4.36	3.63	9.33	4.33	-5.24	0.00	0.34	5.77	-2.25
DRAGRH_SIN		0.00	-45.11	10.04	0.78	6.14	-8.76	33.28	9.22	-10.79	6.37	22.09	13.85	3.89	-8.40	-7.74	0.63

RUN	POINT	Harmonics															
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.82	0.00	0.03	-0.06	0.03	0.00	0.00	0.01	-0.01	0.02	0.08
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.11	-0.03	0.01	0.00	0.02	-0.01	0.01	0.03	0.04
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.68	-1.02	-10.16	1.59	5.42	-11.62	-1.45	1.06	-1.22	0.14	0.65	0.09	0.27	-0.37	0.55	1.78
ACT1FORCE_SIN		0.00	20.02	-1.10	-4.72	6.26	13.88	-4.71	2.95	-0.80	-0.11	-0.36	0.68	-0.04	0.25	0.76	1.77
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.01	-0.02	0.10	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.01	0.01	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		379.46	-2.08	62.35	-7.73	-39.74	279.30	15.39	1.14	-0.57	-0.22	1.00	0.15	-0.08	-0.08	-0.10	-0.27
FA1IBVOLTAGE_SIN		0.00	-113.45	-1.10	34.78	-32.43	119.19	32.45	0.23	0.43	-0.43	-0.46	0.22	0.02	-0.04	0.03	1.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.01	-0.10	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.02	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		426.43	2.18	-62.87	7.91	40.57	-280.59	-16.10	-0.65	0.61	-0.22	0.39	0.09	0.02	0.16	0.08	0.19
FA1OBVOLTAGE_SIN		0.00	114.08	1.10	-35.35	32.99	-118.63	-33.25	-0.58	-0.06	0.29	-0.30	0.00	-0.11	0.03	0.04	-0.97
MRBLD1CB42P75_COS		-534.68	-1757.24	544.92	-177.60	-432.57	141.88	6.70	-72.86	-34.89	89.55	34.92	-37.07	-50.35	0.73	-17.73	7.50
MRBLD1CB42P75_SIN		0.00	1096.10	80.33	8.12	562.02	-260.74	192.34	-281.50	-25.60	69.12	-152.22	9.44	-18.77	1.67	23.47	9.67

RUN	POINT	Harmonics															
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4460.18	-1297.59	443.47	-283.13	-452.93	108.54	89.40	-87.34	-80.28	105.72	-60.48	-28.40	-31.56	5.24	-8.47	23.52
MRBLD1CB70_SIN		0.00	867.30	-41.79	42.93	1025.84	-115.43	441.83	-264.21	-32.56	48.05	-40.78	2.98	-4.39	-8.78	21.23	20.93
MRBLD1CB120_COS		-271.12	-756.36	353.50	-177.98	-164.96	-37.05	180.03	-18.99	-45.09	-36.16	-62.46	14.49	13.12	8.35	3.17	4.11
MRBLD1CB120_SIN		0.00	680.61	-61.30	82.68	1027.05	11.76	549.83	-207.23	-40.57	-69.01	60.01	9.69	21.94	-4.10	-4.06	5.31
MRBLD1CB164_COS		-1974.71	-252.47	78.86	-18.34	-6.39	-102.95	53.48	28.57	-10.49	-83.09	17.17	19.40	-1.21	0.30	8.19	-14.12
MRBLD1CB164_SIN		0.00	254.60	-19.06	71.49	441.00	95.38	217.94	-6.81	-22.85	-82.54	14.18	24.71	0.59	10.47	-12.13	-12.07
MRBLD1FB42P75_COS		2568.49	422.98	-5.42	556.46	609.91	-329.44	150.91	-324.60	-38.81	-119.04	-81.84	20.70	-13.02	5.41	19.41	43.38
MRBLD1FB42P75_SIN		0.00	-204.61	324.48	661.79	127.31	-377.14	110.43	-563.38	-81.93	1.47	-270.38	57.97	1.44	-18.70	31.26	-4.82
MRBLD1FB70_COS		619.06	107.30	-9.94	149.32	164.87	-83.72	41.12	-49.51	-2.75	4.15	-3.16	1.79	1.16	-0.76	-1.88	-7.91
MRBLD1FB70_SIN		0.00	-233.87	145.37	160.26	98.51	-114.57	35.05	-96.29	-1.50	8.23	3.63	-0.41	2.98	3.36	-6.93	2.26
MRBLD1FB87_COS		90.57	119.24	-61.62	83.32	73.29	-47.13	-13.77	32.42	7.06	20.98	19.54	-1.75	6.86	-1.31	-4.64	-9.02
MRBLD1FB87_SIN		0.00	-280.28	101.64	81.79	50.29	-4.20	-13.53	50.54	9.22	1.66	65.33	-14.74	1.31	6.39	-5.31	3.21
MRBLD1FB120_COS		-276.43	134.89	-151.90	91.58	-1.65	-16.35	-77.46	64.08	-2.25	-10.52	-6.07	-5.16	-7.44	1.12	5.87	13.33
MRBLD1FB120_SIN		0.00	-387.68	84.24	155.75	46.59	161.05	-51.84	140.31	6.37	-10.20	-28.36	4.82	-7.50	-11.00	6.52	-5.71
MRBLD1FB164_COS		76.41	107.37	-49.33	54.35	-268.72	92.60	121.73	-51.48	1.09	9.49	9.64	2.68	9.93	-2.68	-10.01	-8.98
MRBLD1FB164_SIN		0.00	-495.13	133.88	347.26	-13.93	56.29	-27.59	-208.81	3.71	18.84	44.73	-14.18	2.19	9.25	-5.22	-2.54

RUN	POINT	Harmonics															
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-13.01	-27.21	11.64	1.69	-191.38	32.54	134.05	-53.16	8.80	16.28	35.66	-2.80	-6.83	-5.74	8.38	27.14
MRBLD1FB180_SIN		0.00	-349.83	103.33	203.16	-17.65	-38.55	6.40	-205.89	11.19	22.41	121.72	-32.04	-15.27	-14.65	-0.43	-7.85
MRBLD1TOR51_COS		-1457.85	172.94	61.88	-36.66	-54.51	232.98	-118.30	-24.70	-38.70	12.81	5.35	-0.76	-5.92	1.18	10.45	11.74
MRBLD1TOR51_SIN		0.00	-120.30	139.47	119.36	-59.49	-407.22	46.97	-101.91	3.77	-20.10	18.81	0.87	-5.62	-9.52	1.01	21.63
MRBLD1TOR71_COS		-312.54	194.71	28.47	-32.14	-52.38	218.14	-103.23	-17.56	-31.73	16.08	6.10	-4.42	-2.91	-0.02	8.37	9.94
MRBLD1TOR71_SIN		0.00	-110.11	116.74	72.14	-89.83	-352.13	23.92	-60.18	6.45	-19.91	29.55	-7.16	-4.54	-6.70	-0.76	15.59
MRBLD1TOR130_COS		-48.66	167.44	37.51	-42.73	-77.52	169.61	-56.30	-17.15	-10.85	12.66	19.94	-9.91	-2.55	-1.38	-3.75	-1.52
MRBLD1TOR130_SIN		0.00	-83.00	69.03	51.15	-90.31	-301.67	15.34	-64.05	1.61	-17.88	-2.03	-6.36	0.56	1.63	-2.04	-7.89
MRBLD1TOR164_COS		-265.14	90.28	36.07	-38.36	-17.19	72.19	-20.86	-16.55	0.73	14.49	2.64	-6.03	2.40	0.98	-10.22	-2.47
MRBLD1TOR164_SIN		0.00	-22.53	25.08	-26.35	-36.45	-223.85	10.79	-24.12	1.96	-5.33	11.46	-15.22	-1.95	3.17	-2.13	-16.95
MRFBM1CB26P5_COS		-950.62	-967.66	246.43	-21.63	-105.92	67.00	-22.26	1.88	11.71	-9.40	31.41	0.03	-0.21	0.17	-1.00	-1.40
MRFBM1CB26P5_SIN		0.00	401.60	122.29	-79.82	-128.45	-42.33	-67.70	-9.77	3.05	0.05	-32.07	4.76	-2.06	0.86	0.40	-1.58
MRFBM1FB9_COS		580.49	-28.08	-155.90	-48.92	-39.24	18.05	16.82	-7.24	-0.21	1.43	-4.01	2.48	0.50	-0.37	1.13	-0.09
MRFBM1FB9_SIN		0.00	15.68	-162.97	-228.15	-55.73	47.70	-13.35	39.15	5.50	0.98	6.97	-0.50	1.38	0.27	-0.56	-1.84
MRFBM1TOR26P5_COS		-110.55	88.12	3.85	-1.46	-1.08	4.13	-2.88	0.04	-0.48	-0.76	-0.68	0.71	0.00	0.03	0.16	-0.04
MRFBM1TOR26P5_SIN		0.00	-260.27	1.99	0.76	-1.48	-6.02	1.26	-0.06	0.23	0.54	0.06	0.81	0.07	-0.05	0.04	0.19

RUN	POINT	Harmonics															
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		166.00	-1354.98	430.55	-77.04	-221.27	37.30	-3.83	-56.12	18.31	40.17	38.77	-10.64	-32.38	5.22	-12.43	7.39
MRPC1CB33P25_SIN		0.00	973.27	57.72	-6.20	215.18	-225.24	88.61	-200.97	-23.05	20.30	-146.06	11.59	-9.24	-0.01	19.58	10.56
MRPC1FB33P25_COS		1808.88	337.93	-120.07	374.03	476.47	-166.28	95.29	-35.14	12.92	-78.51	100.26	-24.55	-7.83	19.18	-18.76	29.05
MRPC1FB33P25_SIN		0.00	28.81	244.08	636.29	279.27	-389.22	148.98	-590.82	-92.77	-63.15	-247.83	53.11	-9.35	-7.61	37.43	36.29
MRPC1TOR25P5_COS		-376.07	-94.02	-95.14	69.80	59.36	-259.77	147.70	24.40	44.23	4.03	15.17	-14.95	4.66	-1.03	-19.05	-9.07
MRPC1TOR25P5_SIN		0.00	-128.66	-146.18	-114.64	100.66	429.89	-46.70	81.35	-11.54	11.07	-30.66	-10.53	5.57	13.90	1.46	-27.73
MRPLK1LOAD_COS		3.26	-15.60	-11.87	7.71	5.20	-34.95	20.05	4.06	7.66	2.95	3.98	-4.62	0.64	-0.29	-3.04	-0.85
MRPLK1LOAD_SIN		0.00	-11.25	-20.30	-19.41	13.14	61.80	-8.63	11.35	-1.79	0.19	-2.62	-5.49	0.14	2.12	-0.60	-4.07
PITCHRH_COS		8203.11	-9464.25	7.55	226.78	-78.09	2974.59	417.89	-157.40	-30.96	-111.73	-652.20	278.56	-110.76	70.90	2.05	-120.98
PITCHRH_SIN		0.00	2013.19	-1332.76	-140.42	51.38	-2734.48	28.84	227.37	60.08	-38.09	-507.86	2.18	-99.78	4.78	12.51	40.04
ROLLRH_COS		2079.67	-2120.72	1585.36	24.07	-107.28	-69.54	61.31	-39.83	-265.92	71.15	129.04	172.13	-97.37	-60.26	-2.89	-708.83
ROLLRH_SIN		0.00	-9458.24	109.98	227.17	269.67	4714.52	-241.47	-80.16	-337.70	-19.46	-429.88	83.97	-162.97	-44.84	207.35	77.27
TORQ_COS		103402.41	490.19	-20.17	211.43	195.78	-569.45	17.66	-4.97	-25.82	1.38	-104.03	-10.66	-3.15	-2.85	2.87	3.56
TORQ_SIN		0.00	1115.67	-81.07	129.45	-267.31	371.21	-28.28	26.61	-5.15	-19.13	148.23	-2.18	-4.75	5.79	-4.53	-3.50
THRUST_COS		5586.58	-193.20	8.21	50.64	-30.73	-24.32	-1.80	19.19	-2.43	2.42	69.18	-9.73	-5.28	-2.68	-1.33	-3.85
THRUST_SIN		0.00	-202.50	-4.28	-29.05	25.89	278.40	-3.67	3.25	5.64	3.04	94.66	-19.18	-1.81	3.88	2.56	-14.34

RUN	POINT	Harmonics															
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.70	66.34	-46.10	4.90	9.08	-308.64	-8.93	2.52	6.65	-4.89	-8.09	-2.28	2.78	1.57	0.18	20.92
SIDERH_SIN		0.00	228.48	-1.65	-0.79	-48.10	-311.31	-3.09	3.05	6.86	3.82	0.08	-3.39	4.37	1.78	-5.78	-4.99
DRAGRH_COS		-100.87	232.66	19.21	-1.95	1.20	686.54	-35.82	0.40	1.85	-0.33	6.29	-9.11	3.05	-1.68	0.78	10.05
DRAGRH_SIN		0.00	-61.22	17.24	0.73	-2.32	424.27	30.41	0.40	-8.81	3.31	29.51	-2.22	7.18	0.11	1.04	0.22

RUN	POINT	Harmonics															
46	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	1.49	0.00	0.09	-0.05	-0.02	0.01	0.02	-0.01	0.01	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.01	0.03	-0.01	-0.01	0.00	0.00	0.00	-0.02	-0.02
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.67	-1.79	-10.75	-1.59	5.85	5.24	-4.88	2.87	-1.05	-0.09	0.12	0.56	-0.32	0.40	-0.33	-2.28
ACT1FORCE_SIN		0.00	20.47	-0.29	-5.86	-1.37	16.52	-0.94	0.24	0.60	-0.24	-0.62	-0.14	0.16	0.11	-0.57	-1.49
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.02	0.00	-0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.02	-0.17	-0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		376.53	1.69	63.10	12.99	-34.32	250.63	33.95	0.52	0.50	-0.45	-0.83	0.17	0.11	-0.04	0.22	0.20
FA1IBVOLTAGE_SIN		0.00	-117.23	-4.68	41.20	16.64	-179.82	1.46	-1.17	0.45	0.34	-0.73	-0.36	0.03	0.03	0.00	-1.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	-0.01	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.01	0.17	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		429.42	-1.48	-63.76	-13.28	35.32	-250.51	-35.13	-0.58	-0.01	0.41	-0.53	-0.08	-0.13	-0.08	-0.20	-0.10
FA1OBVOLTAGE_SIN		0.00	117.95	4.88	-41.92	-17.08	181.88	-1.22	0.46	-0.45	0.00	-0.24	0.01	0.11	-0.05	-0.06	0.97
MRBLD1CB42P75_COS		-511.38	-2168.03	563.67	-235.51	6.41	-130.57	169.04	-205.78	-25.78	-81.29	-64.13	14.40	-28.65	-9.08	22.86	-12.64
MRBLD1CB42P75_SIN		0.00	1019.42	-17.08	161.70	614.22	-377.06	20.31	-111.11	85.04	-23.48	-108.72	76.22	43.60	-5.25	10.27	21.94

RUN	POINT	Harmonics															
46	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4493.59	-1564.50	432.83	-360.97	294.11	15.83	398.06	-221.91	-42.95	-78.19	-19.40	11.82	-7.39	-6.95	13.32	-6.47
MRBLD1CB70_SIN		0.00	817.71	-127.62	200.48	1024.08	-303.96	92.74	-79.57	114.31	-18.10	15.50	52.65	32.02	-1.86	-0.45	15.73
MRBLD1CB120_COS		-244.87	-874.93	348.52	-205.02	414.34	44.36	536.71	-138.05	-16.72	30.49	38.44	-13.66	23.98	1.44	4.43	-9.29
MRBLD1CB120_SIN		0.00	674.01	-131.52	207.58	861.33	-73.66	101.75	-98.74	-9.91	-1.59	97.77	-30.94	-6.31	0.92	-1.48	-2.04
MRBLD1CB164_COS		-1970.99	-273.41	81.98	-24.27	209.57	46.94	200.46	9.69	-0.96	49.47	21.74	-9.03	5.04	4.53	-11.91	4.82
MRBLD1CB164_SIN		0.00	250.18	-35.10	102.14	309.19	82.75	62.44	-15.03	-59.81	6.24	24.91	-32.85	2.39	-2.45	4.89	-10.11
MRBLD1FB42P75_COS		2541.12	509.05	69.72	786.56	0.31	-695.52	89.82	-512.45	-106.96	-35.66	-136.95	39.55	-15.27	-7.89	45.81	11.26
MRBLD1FB42P75_SIN		0.00	-223.28	363.50	769.75	-384.44	117.44	-169.31	-232.12	-78.59	-36.72	-139.80	27.38	15.04	-11.56	-59.50	47.22
MRBLD1FB70_COS		602.13	104.46	27.78	195.13	41.61	-177.80	37.67	-83.05	-4.76	0.18	0.99	0.74	2.83	1.39	-10.36	-0.76
MRBLD1FB70_SIN		0.00	-265.53	160.59	209.68	-82.83	12.70	-36.49	-32.47	5.86	7.33	6.96	1.14	2.14	2.79	10.23	-10.85
MRBLD1FB87_COS		75.00	126.96	-32.87	92.93	27.50	-38.00	-14.59	48.84	14.34	11.32	35.34	-11.24	4.75	2.60	-10.14	-3.57
MRBLD1FB87_SIN		0.00	-309.15	123.71	100.77	-47.07	30.63	2.51	16.89	8.40	6.73	33.62	-7.42	-3.90	4.78	15.44	-6.62
MRBLD1FB120_COS		-291.44	155.37	-144.04	85.77	19.88	120.08	-80.67	109.71	0.14	-6.97	-17.53	1.61	-7.40	-3.74	15.61	5.89
MRBLD1FB120_SIN		0.00	-409.01	124.08	144.16	26.60	76.95	47.22	52.38	-5.09	-8.64	-20.56	-0.59	-3.34	-9.82	-22.22	9.61
MRBLD1FB164_COS		74.37	125.12	-67.65	142.95	-90.24	147.52	64.86	-143.23	4.44	9.81	26.05	-7.94	3.58	3.85	-12.45	-6.16
MRBLD1FB164_SIN		0.00	-489.74	143.47	319.73	314.61	-31.75	-87.16	-102.81	7.82	16.58	27.60	-3.55	-5.00	5.11	14.12	-5.86

RUN	POINT	Harmonics															
46	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-15.03	-17.95	-6.84	65.29	-52.16	15.38	83.49	-142.13	16.32	17.36	62.80	-22.09	-10.98	-5.94	17.94	3.13
MRBLD1FB180_SIN		0.00	-340.97	99.34	179.39	212.08	-13.17	-98.38	-100.80	9.85	32.69	59.66	-26.38	-16.20	-14.39	-25.71	13.47
MRBLD1TOR51_COS		-1463.53	167.86	75.07	17.48	-97.93	-246.21	20.80	-80.84	-10.56	-28.14	5.72	3.88	-0.40	-0.59	5.70	-5.41
MRBLD1TOR51_SIN		0.00	-133.23	126.55	171.85	22.01	-395.02	99.44	-68.01	26.04	-3.06	5.15	-4.50	-2.16	-3.69	-4.64	-4.83
MRBLD1TOR71_COS		-318.48	194.77	42.00	11.25	-93.06	-200.59	7.64	-53.88	-8.02	-25.19	9.03	2.03	1.02	0.26	1.69	-6.92
MRBLD1TOR71_SIN		0.00	-124.00	108.34	109.13	6.17	-346.57	86.62	-42.84	24.33	-2.28	9.33	-2.59	-1.48	-2.17	0.28	-3.82
MRBLD1TOR130_COS		-51.27	165.90	47.75	-5.60	-89.08	-175.14	16.66	-51.11	-2.95	-19.91	7.60	-0.08	-1.32	-1.36	-4.10	-4.08
MRBLD1TOR130_SIN		0.00	-91.51	59.49	72.43	33.17	-280.76	46.14	-38.20	7.40	-7.37	-12.74	12.04	4.17	0.11	7.00	2.39
MRBLD1TOR164_COS		-265.09	84.16	44.78	-25.94	-28.02	-164.78	15.75	-25.31	0.38	-5.39	6.45	-4.87	0.26	1.02	2.49	-0.18
MRBLD1TOR164_SIN		0.00	-26.98	14.28	-11.29	-8.90	-168.07	10.74	-5.11	-0.78	-5.40	2.42	2.93	-1.24	-2.05	6.75	7.64
MRFBM1CB26P5_COS		-905.46	-1212.13	264.35	-36.53	-152.56	4.79	-58.14	2.39	5.17	4.32	-8.66	2.23	-2.86	0.05	5.21	-3.30
MRFBM1CB26P5_SIN		0.00	313.54	86.21	-59.06	-31.84	-86.24	-20.81	-10.63	-7.73	-3.68	-37.72	1.73	-2.04	-1.02	1.64	2.29
MRFBM1FB9_COS		574.00	135.85	-195.52	-96.24	-3.97	68.45	-5.17	15.79	2.81	1.84	-1.59	1.08	1.37	-0.33	-1.76	1.63
MRFBM1FB9_SIN		0.00	28.51	-166.49	-275.02	18.81	26.61	-7.25	30.07	4.22	2.98	5.15	-1.84	0.91	0.53	-1.12	-0.17
MRFBM1TOR26P5_COS		-106.98	87.37	4.20	-0.75	-2.14	-2.62	-0.16	0.18	-0.08	0.60	-0.26	0.20	0.02	0.00	0.06	0.26
MRFBM1TOR26P5_SIN		0.00	-261.73	2.01	1.50	0.44	-6.56	3.16	-0.43	0.51	0.47	0.62	-0.59	-0.09	0.01	-0.31	-0.06

RUN	POINT	Harmonics															
46	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		157.09	-1679.17	445.53	-100.50	-90.01	-190.18	76.52	-139.50	8.63	-40.25	-59.69	10.92	-14.01	-7.41	25.95	-13.33
MRPC1CB33P25_SIN		0.00	944.99	-21.12	104.76	221.62	-220.33	-13.85	-88.17	6.62	-20.40	-100.35	45.65	30.06	-5.64	4.12	20.23
MRPC1FB33P25_COS		1787.50	415.10	-66.70	538.13	113.14	-588.38	141.44	-313.94	-41.70	-2.96	-15.12	13.35	-19.19	3.03	79.67	-36.45
MRPC1FB33P25_SIN		0.00	15.69	281.46	765.97	-285.77	-93.37	-113.34	-397.67	-114.16	-54.70	-185.27	51.33	-1.15	-13.41	8.07	39.67
MRPC1TOR25P5_COS		-364.66	-95.55	-106.09	11.70	117.72	252.74	-12.00	70.99	9.97	24.26	2.49	-3.38	-2.20	0.41	-4.22	-7.04
MRPC1TOR25P5_SIN		0.00	-120.02	-131.16	-164.84	-7.49	429.03	-124.20	58.26	-31.71	-7.40	-24.64	27.00	9.75	3.00	18.37	11.87
MRPLK1LOAD_COS		4.95	-16.05	-13.32	-0.64	14.50	37.44	-3.42	9.92	2.02	1.39	1.59	-1.42	-0.22	0.38	-1.38	-2.69
MRPLK1LOAD_SIN		0.00	-10.51	-18.05	-26.11	-0.78	60.95	-19.29	8.41	-4.96	-2.17	-4.16	5.17	1.52	0.47	3.84	1.54
PITCHRH_COS		5308.55	-9459.12	6.96	111.71	-80.27	-1569.99	191.00	53.20	106.54	89.22	147.47	-50.19	-12.00	79.57	-23.40	72.41
PITCHRH_SIN		0.00	2160.90	-1363.72	-213.19	54.93	-3842.44	-338.46	208.01	125.98	214.61	547.63	-113.29	16.31	21.75	-23.05	353.87
ROLLRH_COS		1859.59	-2123.49	1610.28	-3.66	138.21	2539.96	-4.46	8.47	141.95	41.11	20.39	13.55	-180.85	14.81	52.09	293.99
ROLLRH_SIN		0.00	-9463.13	-18.04	188.59	269.53	865.84	-304.95	-113.65	39.58	49.90	482.10	-130.31	47.02	12.68	-157.98	624.59
TORQ_COS		104096.82	509.91	-6.64	237.66	-9.80	8.71	-15.16	-14.43	4.55	-10.43	86.96	-4.76	3.60	1.68	-12.55	1.73
TORQ_SIN		0.00	1095.61	-65.49	37.27	-292.64	744.82	-13.84	37.39	-3.83	2.37	150.20	9.71	0.84	1.70	-6.57	-2.53
THRUST_COS		5558.62	-203.26	4.77	31.98	-11.09	311.06	-10.99	5.00	5.08	-6.44	20.51	-5.51	5.22	3.57	2.62	-14.21
THRUST_SIN		0.00	-189.78	-12.92	-37.20	44.14	157.40	2.96	0.84	-3.50	-7.91	11.31	6.52	9.49	0.42	6.42	-22.11

RUN	POINT	Harmonics															
46	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-154.42	62.96	-40.77	-1.53	-38.91	-321.46	-3.61	0.20	-5.50	2.17	-4.55	-1.69	4.88	-0.32	-1.44	-8.92
SIDERH_SIN		0.00	230.00	1.97	-3.95	-34.61	92.02	11.23	2.23	0.25	0.16	-18.53	2.76	-1.78	-0.46	4.39	-16.18
DRAGRH_COS		-131.04	230.30	15.80	-1.53	7.87	669.11	7.84	0.89	-1.81	-4.82	-5.77	0.64	0.65	-2.90	1.85	-8.35
DRAGRH_SIN		0.00	-62.20	16.97	-5.84	4.16	-281.10	23.93	-2.51	-4.22	-7.79	-8.69	5.63	2.12	-0.01	0.80	-18.04

RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.65	0.00	0.02	-0.01	-0.01	0.01	0.01	0.01	-0.01	0.00	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.01	-1.34	0.00	-0.08	0.05	0.02	-0.02	0.00	-0.01	0.00	0.02	0.02
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.94	-1.64	-10.42	-3.57	-0.21	16.32	-3.19	0.58	-0.15	-0.38	0.04	0.02	0.49	-0.23	-0.05	2.31
ACT1FORCE_SIN		0.00	21.01	-0.37	-3.65	-5.58	3.58	4.29	-2.66	0.71	-0.20	-0.12	-0.01	-0.15	-0.13	0.66	1.41
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.01	0.01	-0.18	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	-0.01	0.00	-0.02	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		377.21	-1.88	60.19	24.16	8.92	-25.54	16.63	-0.95	0.39	0.34	-0.15	-0.30	0.09	0.08	-0.05	-0.22
FA1IBVOLTAGE_SIN		0.00	-119.27	-2.26	26.90	36.41	-304.98	-31.51	-0.79	-0.48	0.30	0.92	0.12	-0.18	-0.15	-0.15	0.98
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	-0.01	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		428.69	2.16	-60.72	-24.74	-8.72	27.31	-16.90	0.28	-0.36	-0.19	-0.04	-0.02	-0.01	0.04	0.04	0.13
FA1OBVOLTAGE_SIN		0.00	119.89	2.60	-27.21	-37.35	305.89	32.65	0.56	0.00	-0.42	0.65	0.08	0.09	0.20	0.21	-0.94
MRBLD1CB42P75_COS		-515.69	-1772.87	509.06	-113.26	291.24	-360.00	108.99	-145.48	62.63	-4.01	-68.89	127.36	1.30	-18.06	23.54	-4.50
MRBLD1CB42P75_SIN		0.00	1414.96	-48.67	242.37	286.94	-167.81	-197.32	134.89	28.57	126.27	-6.26	15.00	30.42	7.87	-9.31	10.26

RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4484.15	-1312.09	356.35	-218.81	706.08	-210.55	243.19	-143.40	82.70	12.16	-8.81	98.41	8.02	-9.52	18.37	-5.52
MRBLD1CB70_SIN		0.00	1073.46	-166.71	322.49	356.38	-266.69	-344.18	172.37	44.85	119.07	-25.67	1.13	12.22	3.85	-13.47	11.97
MRBLD1CB120_COS		-233.18	-787.96	281.30	-56.62	609.65	-15.46	295.22	-94.85	15.88	27.53	61.09	-53.19	3.79	6.17	-4.24	2.40
MRBLD1CB120_SIN		0.00	795.92	-184.25	270.80	257.09	-148.04	-435.98	89.58	-14.37	-67.77	-21.25	5.63	-13.84	-4.61	-0.32	5.03
MRBLD1CB164_COS		-1972.59	-256.03	64.19	29.53	225.94	96.02	124.57	8.78	-22.68	13.89	31.90	-68.44	5.26	-2.09	-12.80	1.70
MRBLD1CB164_SIN		0.00	280.64	-55.12	111.46	50.05	-41.89	-150.47	-13.15	-28.28	-103.89	-0.46	15.53	-7.71	0.49	5.08	-6.59
MRBLD1FB42P75_COS		2557.41	400.23	134.53	1020.20	-682.07	-460.06	-187.69	-295.29	-119.34	-42.05	-102.50	79.90	13.82	-20.34	30.37	31.23
MRBLD1FB42P75_SIN		0.00	-278.82	381.53	490.42	-5.27	669.16	-260.53	215.45	-46.30	-91.29	-12.94	-13.66	42.59	-7.12	-45.44	3.12
MRBLD1FB70_COS		605.92	103.76	52.73	278.95	-153.43	-115.23	-26.29	-39.68	-0.94	6.71	1.58	-1.66	-0.08	2.68	-4.55	-5.47
MRBLD1FB70_SIN		0.00	-262.31	167.93	143.91	-33.87	157.17	-68.98	50.08	3.77	5.91	6.35	1.89	-2.02	2.46	8.74	-0.82
MRBLD1FB87_COS		71.13	126.54	-6.58	126.82	-71.66	-4.06	-2.20	26.61	17.91	7.41	26.30	-21.53	-2.72	5.64	-6.39	-6.24
MRBLD1FB87_SIN		0.00	-320.03	135.80	75.04	-41.23	39.23	11.18	-26.19	7.57	12.23	2.11	7.81	-8.67	2.88	13.41	1.55
MRBLD1FB120_COS		-309.78	171.61	-105.35	89.46	11.80	113.87	2.44	48.77	-5.63	-13.15	-16.05	7.68	-2.23	-8.17	9.25	9.55
MRBLD1FB120_SIN		0.00	-445.29	166.05	126.05	-11.98	-77.43	95.40	-64.94	-4.50	-7.85	-9.11	-10.27	2.81	-7.49	-20.55	-2.78
MRBLD1FB164_COS		57.15	148.73	-44.03	159.60	262.95	104.14	-13.97	-84.54	8.62	17.38	18.35	-15.10	-4.85	4.99	-4.20	-9.26
MRBLD1FB164_SIN		0.00	-535.43	217.14	220.85	256.37	-122.17	-71.15	76.78	-1.79	15.79	8.36	7.65	-5.97	-1.80	11.72	1.66

RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-21.82	-8.60	-1.10	77.99	202.87	29.85	-26.86	-82.22	15.12	25.16	35.35	-51.32	-8.62	-10.80	7.01	19.64
MRBLD1FB180_SIN		0.00	-364.36	139.02	112.78	171.68	10.84	-108.59	71.92	-0.41	33.29	7.46	-10.24	-18.89	-11.47	-28.41	-9.69
MRBLD1TOR51_COS		-1465.09	176.72	71.75	86.86	-42.92	-473.34	120.67	-71.04	12.11	2.65	-0.28	-4.59	2.54	-0.10	11.04	12.85
MRBLD1TOR51_SIN		0.00	-137.26	132.74	133.85	103.85	15.57	6.12	27.73	12.03	29.26	0.79	-13.34	-7.55	-6.24	-3.51	6.54
MRBLD1TOR71_COS		-320.30	196.41	40.87	59.80	-27.18	-402.05	102.97	-47.90	10.64	3.99	1.37	-6.91	3.84	0.45	5.86	12.33
MRBLD1TOR71_SIN		0.00	-132.56	113.27	78.46	87.69	9.66	23.13	19.41	16.10	30.30	3.88	-18.64	-6.70	-2.87	-3.34	5.98
MRBLD1TOR130_COS		-53.29	169.03	44.40	23.58	12.07	-325.68	67.42	-39.28	2.82	9.42	-6.51	6.75	-0.40	-1.84	-6.01	-0.15
MRBLD1TOR130_SIN		0.00	-97.61	60.88	48.48	95.32	22.08	-0.38	22.10	3.87	22.88	-1.03	-8.75	3.71	4.77	-2.17	-1.26
MRBLD1TOR164_COS		-267.39	83.88	40.03	-12.61	-9.79	-231.72	25.65	-8.59	-2.56	5.53	2.43	1.26	-2.56	-0.61	-1.62	-5.47
MRBLD1TOR164_SIN		0.00	-24.55	1.57	-11.74	17.51	62.14	-19.42	14.79	1.98	10.49	1.21	-6.81	0.61	1.38	-3.32	-5.77
MRFBM1CB26P5_COS		-918.61	-1013.27	242.97	-42.16	-93.41	-62.01	-30.59	1.40	-3.80	-3.99	-14.11	0.81	-2.31	-0.45	2.77	2.23
MRFBM1CB26P5_SIN		0.00	555.79	78.10	-47.40	66.18	-52.67	33.05	-8.61	-6.14	-9.23	2.42	2.72	3.63	-1.41	0.28	0.68
MRFBM1FB9_COS		610.24	-61.04	-209.16	-178.03	74.47	75.82	-11.56	23.06	0.36	0.17	1.21	-2.35	1.62	-0.02	-1.93	0.37
MRFBM1FB9_SIN		0.00	-21.46	-189.00	-227.66	12.78	-27.68	15.96	-0.49	4.00	0.35	4.56	-2.38	-0.80	1.11	-1.02	-1.13
MRFBM1TOR26P5_COS		-107.67	88.11	3.95	0.15	-0.62	-6.95	2.93	-0.18	0.28	-0.53	0.35	-0.36	0.00	0.03	0.15	-0.08
MRFBM1TOR26P5_SIN		0.00	-262.37	2.19	1.15	2.28	-1.31	1.58	-0.27	0.23	-0.68	0.03	0.61	-0.12	-0.14	0.12	-0.06

RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		166.00	-1340.31	424.14	-17.81	-9.98	-282.96	32.24	-95.18	18.54	3.83	-53.74	88.35	-0.13	-12.82	21.17	-2.23
MRPC1CB33P25_SIN		0.00	1248.48	-43.73	137.49	157.04	-14.96	-129.52	71.82	-21.55	53.69	-0.31	11.57	20.47	5.03	-8.90	11.01
MRPC1FB33P25_COS		1798.41	325.23	-16.74	780.49	-528.20	-547.40	-66.55	-316.00	-62.77	19.87	-64.79	75.19	-18.83	-8.83	56.10	12.99
MRPC1FB33P25_SIN		0.00	-38.54	297.91	580.70	-147.48	408.49	-288.18	44.92	-99.74	-89.05	-70.96	42.09	41.05	-17.66	-3.34	31.24
MRPC1TOR25P5_COS		-363.20	-99.10	-100.80	-55.03	44.62	508.58	-140.17	61.41	-13.94	8.57	-5.08	22.95	-2.70	-1.91	-14.82	-9.90
MRPC1TOR25P5_SIN		0.00	-111.27	-140.22	-122.84	-112.40	-2.64	-22.50	-24.39	-16.03	-21.83	-3.24	7.92	17.00	11.63	0.28	-2.40
MRPLK1LOAD_COS		5.12	-16.14	-13.13	-9.86	5.62	73.51	-21.93	8.86	-1.83	2.14	-1.39	4.32	-0.16	-0.03	-2.87	-0.55
MRPLK1LOAD_SIN		0.00	-9.07	-19.60	-19.85	-15.58	-0.11	-3.88	-3.52	-2.04	-0.30	-0.02	-2.28	2.17	2.20	-0.91	0.11
PITCHRH_COS		8472.21	-9452.27	34.94	80.11	78.87	-4842.57	-32.36	179.68	95.68	180.92	735.88	95.82	42.14	24.90	-53.52	-7.69
PITCHRH_SIN		0.00	2135.36	-1423.25	-76.93	49.18	-294.20	-243.86	-75.06	30.37	-70.70	-811.17	177.80	65.81	-49.25	76.50	-203.96
ROLLRH_COS		3190.88	-2102.69	1587.59	-75.42	254.28	275.34	-106.65	-106.82	149.35	98.81	884.04	-92.32	90.06	-61.76	8.66	-221.77
ROLLRH_SIN		0.00	-9456.38	13.52	176.61	81.49	-3137.43	-286.23	72.97	-364.58	11.70	-193.58	161.47	147.86	-99.62	62.71	416.01
TORQ_COS		104027.62	518.62	-6.83	132.65	-144.01	583.95	-22.20	-9.75	0.80	11.45	67.10	-1.08	7.07	-3.84	1.75	-3.72
TORQ_SIN		0.00	1075.45	-99.00	25.07	-163.99	382.55	10.33	33.67	-18.00	3.95	-46.47	-0.20	-8.47	1.36	-1.09	-1.12
THRUST_COS		5647.86	-192.70	-0.07	15.56	16.20	394.73	-0.84	-6.31	-8.74	-14.75	-1.29	11.61	3.44	0.24	-9.74	32.46
THRUST_SIN		0.00	-186.08	-17.94	-13.97	42.90	-176.71	13.31	10.14	-7.85	10.78	43.73	-17.32	-7.01	3.97	4.11	-21.14

RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-146.90	66.85	-40.38	1.25	-51.20	46.56	15.14	3.37	-3.62	-3.48	-29.79	4.42	-4.13	1.65	-0.48	5.79
SIDERH_SIN		0.00	229.17	-1.11	-1.15	14.31	296.01	8.11	1.97	9.64	-1.32	0.26	-3.07	-4.06	3.30	-1.49	-13.25
DRAGRH_COS		-108.89	233.32	20.01	-3.14	8.91	51.17	13.50	-0.17	-1.73	-9.96	-29.13	-1.20	-1.79	-0.20	2.15	8.51
DRAGRH_SIN		0.00	-60.05	21.29	-8.38	1.46	-578.06	-26.63	0.49	0.46	1.68	28.70	-9.62	0.62	3.20	-2.39	10.21

RUN	POINT	Harmonics															
46	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.00	-0.09	0.00	-0.03	0.01	0.00	0.01	0.00	-0.01	-0.01	0.02	0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-1.49	0.00	-0.08	0.04	0.00	-0.01	0.00	-0.01	0.01	0.00	-0.10
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-27.82	-1.58	-9.72	-3.63	-4.01	15.74	-0.58	-1.06	0.06	-0.30	0.26	-0.11	-0.21	-0.22	0.47	1.46
ACT1FORCE_SIN		0.00	20.97	-0.91	-1.69	-4.92	-5.53	5.67	-2.76	0.44	-0.24	0.02	0.23	-0.60	0.20	0.14	-2.48
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.01	0.01	-0.17	-0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	-0.01	-0.01	-0.01	0.08	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.41	-2.72	57.97	24.31	31.60	-171.59	-1.16	-1.02	-0.14	0.21	0.74	-0.06	-0.11	-0.04	-0.07	1.05
FA1IBVOLTAGE_SIN		0.00	-118.47	2.40	16.83	28.28	-248.53	-38.57	-0.06	-0.27	-0.21	0.62	0.26	-0.13	-0.17	0.16	0.20
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	-0.01	0.16	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.01	0.01	-0.07	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.47	2.94	-58.39	-24.82	-31.84	172.97	1.44	0.39	-0.14	-0.32	0.48	0.12	0.05	0.10	0.11	-1.00
FA1OBVOLTAGE_SIN		0.00	119.01	-2.10	-16.94	-29.15	248.76	39.64	0.22	-0.04	0.06	0.27	0.14	0.07	0.09	-0.14	-0.12
MRBLD1CB42P75_COS		-520.53	-1875.50	425.56	-44.90	279.62	-347.03	-3.29	-43.22	34.13	87.23	18.26	89.47	-10.28	-18.42	20.83	-23.54
MRBLD1CB42P75_SIN		0.00	1337.15	-44.50	226.23	67.24	-2.58	-271.44	221.42	-28.50	69.76	22.68	-50.37	25.53	15.24	-25.78	8.66

RUN	POINT	Harmonics															
46	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4477.69	-1372.07	285.79	-122.32	626.66	-224.97	7.67	-35.56	62.06	88.45	10.30	65.17	-4.86	-9.75	13.35	-24.32
MRBLD1CB70_SIN		0.00	1016.29	-164.23	327.66	-39.27	-168.37	-464.03	254.90	-23.54	55.41	-25.16	-47.80	9.75	14.51	-25.38	17.65
MRBLD1CB120_COS		-227.73	-805.04	223.62	39.09	475.94	4.13	-1.56	-27.27	24.55	-11.04	-22.11	-29.86	3.39	1.11	0.21	-1.40
MRBLD1CB120_SIN		0.00	773.74	-190.76	258.96	-46.69	-148.29	-547.69	151.66	-12.02	-63.32	-46.21	27.35	-7.64	-4.41	9.61	-2.77
MRBLD1CB164_COS		-1970.75	-263.31	46.24	62.87	140.98	96.01	13.77	5.12	-2.20	-47.91	-18.82	-36.23	1.51	-0.44	-17.99	17.08
MRBLD1CB164_SIN		0.00	275.36	-59.67	105.23	-58.66	-102.01	-197.00	-16.69	1.62	-74.86	-13.37	48.31	-12.02	-1.01	11.82	-7.62
MRBLD1FB42P75_COS		2569.28	421.64	148.15	1082.73	-798.29	-156.93	-307.60	-67.73	-111.40	-55.55	-24.75	62.17	35.81	-28.74	25.44	-14.16
MRBLD1FB42P75_SIN		0.00	-262.52	397.05	295.75	344.67	776.26	-185.90	344.90	-14.20	-115.03	42.26	-52.88	33.00	11.34	-82.79	28.57
MRBLD1FB70_COS		609.15	98.09	57.05	310.68	-209.55	-33.68	-60.16	2.92	-2.64	5.50	3.67	-1.85	-3.10	4.30	-5.01	4.74
MRBLD1FB70_SIN		0.00	-260.24	167.73	90.17	43.22	182.73	-57.72	72.23	3.50	-1.02	4.58	3.25	-1.74	0.43	14.76	-6.48
MRBLD1FB87_COS		71.81	120.97	4.76	143.34	-107.93	12.20	4.79	3.31	19.96	6.49	6.11	-14.42	-7.53	6.90	-4.24	1.83
MRBLD1FB87_SIN		0.00	-319.19	134.04	56.09	-7.35	28.17	10.38	-37.48	4.23	20.22	-8.36	18.21	-6.44	-1.48	21.29	-4.18
MRBLD1FB120_COS		-316.11	167.89	-77.10	92.61	-4.20	51.16	47.11	-11.77	-5.44	-10.67	-10.35	4.31	4.28	-8.57	7.90	-2.25
MRBLD1FB120_SIN		0.00	-457.05	175.03	123.43	-19.91	-131.07	85.75	-97.35	-5.39	-2.76	-5.38	-16.90	1.42	-1.94	-30.72	6.26
MRBLD1FB164_COS		46.36	158.65	-13.63	142.33	385.08	56.86	-30.89	-6.34	3.72	15.92	6.78	-10.82	-8.81	2.97	-2.82	-3.07
MRBLD1FB164_SIN		0.00	-557.84	254.40	180.22	124.29	-135.94	-40.86	134.62	-1.45	11.34	3.06	17.34	-2.01	-5.08	15.44	0.24

RUN	POINT	Harmonics															
46	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-27.92	-5.60	12.90	65.09	284.73	47.64	-66.93	-9.64	6.39	22.24	1.13	-46.80	-7.53	-7.20	2.98	-6.03
MRBLD1FB180_SIN		0.00	-376.21	161.64	87.04	75.54	13.99	-75.32	127.59	-0.76	35.29	-5.33	12.90	-23.10	-5.80	-35.02	-3.03
MRBLD1TOR51_COS		-1462.71	170.12	57.36	111.85	10.16	-418.50	130.11	-34.29	13.68	18.03	-2.07	-12.33	-0.31	-2.26	9.49	4.99
MRBLD1TOR51_SIN		0.00	-136.23	136.86	89.69	114.41	252.68	-58.75	61.84	3.00	13.61	-0.77	-8.23	-8.68	-3.42	-9.65	-9.32
MRBLD1TOR71_COS		-318.68	191.72	30.31	76.20	29.35	-358.49	120.71	-22.75	14.36	18.91	-1.63	-19.75	1.04	0.24	2.54	5.40
MRBLD1TOR71_SIN		0.00	-129.74	115.15	44.74	95.69	216.46	-29.06	40.47	9.15	15.35	-0.26	-11.99	-8.08	-1.23	-4.80	-10.08
MRBLD1TOR130_COS		-52.47	166.90	35.10	30.34	75.18	-280.27	73.67	-12.62	3.50	27.70	-3.91	-7.40	-1.00	1.08	-9.43	-1.28
MRBLD1TOR130_SIN		0.00	-94.71	61.93	23.97	85.13	190.01	-30.51	40.69	2.33	5.01	4.93	-11.68	4.05	3.55	3.66	-2.17
MRBLD1TOR164_COS		-266.55	81.81	30.35	-8.60	7.44	-176.65	18.79	4.46	-1.74	12.97	1.97	-5.88	-1.27	2.19	-1.83	-8.02
MRBLD1TOR164_SIN		0.00	-19.71	-3.96	-20.47	18.92	171.28	-29.85	14.89	4.53	3.04	-1.43	-8.81	2.91	0.64	1.85	4.33
MRFBM1CB26P5_COS		-916.59	-1078.29	211.66	-42.07	-40.16	-84.80	2.46	2.64	-5.54	-6.11	1.42	2.20	0.66	-1.73	5.07	0.25
MRFBM1CB26P5_SIN		0.00	494.97	83.16	-49.92	86.23	-15.64	43.18	-7.38	-5.11	-4.28	11.91	3.06	4.15	-2.48	-0.07	-2.85
MRFBM1FB9_COS		613.72	3.82	-201.91	-210.66	98.54	55.88	-5.25	17.21	1.20	-2.24	2.00	-2.96	1.00	0.79	-3.12	1.26
MRFBM1FB9_SIN		0.00	-13.47	-206.42	-185.49	-14.35	-49.57	26.00	-15.51	4.64	1.50	1.07	-0.96	-1.22	1.11	-0.24	0.44
MRFBM1TOR26P5_COS		-107.75	88.38	3.73	0.49	0.52	-6.83	3.57	-0.29	0.22	-1.25	0.15	0.46	0.00	-0.09	0.25	0.06
MRFBM1TOR26P5_SIN		0.00	-262.11	2.32	0.62	2.30	2.62	-0.26	0.03	-0.01	0.16	-0.16	0.80	-0.14	-0.08	-0.11	0.16

RUN	POINT	Harmonics															
46	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		159.42	-1420.78	353.36	10.99	-8.47	-235.27	-32.57	-24.80	-9.96	56.26	11.68	66.62	-6.99	-14.82	22.82	-19.74
MRPC1CB33P25_SIN		0.00	1198.77	-38.45	113.91	108.18	103.14	-164.67	125.33	-34.87	21.09	19.80	-37.01	22.71	9.92	-21.90	5.40
MRPC1FB33P25_COS		1805.93	344.02	-11.12	865.80	-708.86	-332.98	-195.81	-185.03	-74.19	27.36	-37.20	83.83	3.57	-27.39	84.07	-36.22
MRPC1FB33P25_SIN		0.00	-25.16	316.49	434.24	101.65	575.10	-266.86	237.55	-74.41	-113.98	14.00	0.52	51.52	-12.45	-27.43	7.46
MRPC1TOR25P5_COS		-363.27	-93.23	-86.32	-77.07	-21.23	459.05	-159.41	28.86	-15.84	5.47	2.86	13.20	0.54	3.64	-15.69	-10.27
MRPC1TOR25P5_SIN		0.00	-113.80	-144.27	-77.20	-125.82	-259.23	55.93	-52.85	-6.17	-18.05	5.89	-5.93	18.75	7.00	14.10	5.61
MRPLK1LOAD_COS		4.87	-15.37	-11.26	-12.75	-3.31	66.42	-24.45	4.36	-1.70	4.02	-0.02	-0.48	-0.05	1.16	-3.73	-1.45
MRPLK1LOAD_SIN		0.00	-9.49	-20.12	-13.27	-18.18	-36.90	8.09	-7.73	-0.17	-1.97	1.29	-4.82	2.61	1.30	2.16	-0.73
PITCHRH_COS		7503.35	-9425.32	15.79	87.51	79.57	-4927.67	-336.39	127.23	75.03	48.97	-29.19	180.68	110.61	26.58	28.40	-109.34
PITCHRH_SIN		0.00	2112.60	-1414.60	-40.67	-13.67	2062.69	-166.10	-179.32	-44.30	-140.25	-1026.39	34.88	-25.98	26.07	43.21	-86.05
ROLLRH_COS		3080.19	-2066.22	1570.84	-111.88	201.40	-1959.24	-125.51	-78.66	-336.54	112.23	484.72	102.11	133.73	-119.48	74.12	104.69
ROLLRH_SIN		0.00	-9443.22	-12.54	166.38	-2.88	-3918.74	-167.99	45.66	-345.88	-99.19	-641.94	154.98	-32.46	-3.31	-13.48	619.15
TORQ_COS		104024.02	485.91	-3.60	73.83	-148.61	674.92	-15.15	-14.61	-0.54	13.17	-20.38	-4.64	1.73	-4.96	-3.27	-0.55
TORQ_SIN		0.00	1088.91	-93.53	66.41	-69.12	33.66	28.66	36.98	-8.20	-7.59	-57.15	1.93	-10.08	6.44	-5.88	6.52
THRUST_COS		5659.82	-188.69	-2.55	17.09	25.99	297.68	2.57	-9.58	-9.84	-0.33	9.93	-13.14	-5.32	6.06	-0.77	22.72
THRUST_SIN		0.00	-194.00	-17.79	2.48	29.18	-333.34	13.84	15.51	3.21	13.94	31.13	-21.99	0.11	1.98	13.30	-61.92

RUN	POINT	Harmonics															
46	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.64	65.75	-40.67	1.59	-38.01	252.96	7.90	4.48	9.17	-5.49	-19.08	-0.53	-4.83	3.83	-1.64	-4.59
SIDERH_SIN		0.00	230.45	-3.32	-0.53	23.24	241.91	4.53	-0.89	7.01	3.61	14.51	-5.54	1.34	0.49	0.58	-16.86
DRAGRH_COS		-115.47	231.92	20.11	-4.26	8.79	-270.89	2.63	-4.19	-0.33	-5.38	-5.52	-9.22	-4.00	-0.86	-0.50	6.99
DRAGRH_SIN		0.00	-60.82	18.72	-7.82	6.70	-458.84	-19.24	-2.92	2.11	3.96	39.20	-4.02	4.24	-1.22	-2.05	-3.52

RUN	POINT	Harmonics															
46	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	-1.34	0.00	-0.09	0.03	-0.02	0.01	0.02	0.00	0.01	0.00	-0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.66	0.00	-0.03	0.02	-0.02	0.00	0.00	0.02	-0.02	0.00	0.11
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.15	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1FORCE_COS		-27.61	-1.14	-9.48	-1.33	-8.51	2.42	4.66	-2.87	0.50	-0.49	0.48	0.64	-0.19	0.19	-0.09	-1.60
ACT1FORCE_SIN		0.00	21.31	-1.76	0.87	1.63	-16.98	3.58	-0.58	0.45	0.08	-0.20	0.16	0.82	-0.31	0.29	2.47
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.02	0.18	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		373.71	-3.99	58.72	10.97	53.18	-297.10	-36.04	-0.50	-0.05	-0.31	0.20	0.22	0.04	0.06	0.18	-0.98
FA1IBVOLTAGE_SIN		0.00	-120.29	8.93	-0.03	-17.38	25.06	-21.11	0.71	0.24	-0.06	-0.74	-0.17	0.08	0.08	-0.03	-0.18
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.02	-0.18	-0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		432.10	4.25	-59.03	-11.12	-53.93	297.80	37.12	0.36	-0.12	0.29	-0.09	0.06	-0.02	-0.11	-0.21	0.93
FA1OBVOLTAGE_SIN		0.00	120.74	-8.69	0.23	17.40	-26.70	21.20	-0.16	-0.11	0.39	-0.67	-0.09	-0.08	-0.03	0.01	0.14
MRBLD1CB42P75_COS		-517.09	-1687.33	366.59	60.35	-53.01	-155.59	-257.43	224.07	-49.19	-48.47	107.39	-34.31	14.95	-5.30	-33.31	-2.24
MRBLD1CB42P75_SIN		0.00	1357.33	41.86	115.78	-232.16	209.35	-193.64	97.49	11.59	-157.86	-72.31	-48.83	35.52	16.17	-40.30	44.94

RUN	POINT	Harmonics															
46	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4462.52	-1256.00	235.88	34.95	-47.30	-220.86	-473.04	241.65	-29.42	-65.25	22.52	-28.05	5.04	9.10	-27.73	-0.56
MRBLD1CB70_SIN		0.00	1026.17	-80.46	212.48	-495.94	-5.45	-291.56	123.00	-3.50	-134.18	-45.37	-36.45	19.66	-0.44	-31.58	61.14
MRBLD1CB120_COS		-235.13	-759.84	170.15	140.62	-150.84	-106.40	-565.26	160.76	35.40	3.14	-76.93	16.12	-5.21	-0.30	14.85	-8.12
MRBLD1CB120_SIN		0.00	783.99	-127.30	129.16	-265.33	-178.86	-301.42	84.16	-37.10	44.83	82.96	12.20	-11.03	3.29	-3.35	15.32
MRBLD1CB164_COS		-1973.69	-257.70	25.46	94.52	-132.67	-47.40	-201.58	-6.64	48.75	27.98	-44.06	30.38	-10.16	-5.10	9.08	9.42
MRBLD1CB164_SIN		0.00	280.88	-45.95	60.99	-76.06	-197.94	-119.38	1.96	-42.61	88.15	80.23	15.27	4.33	5.60	26.81	-48.08
MRBLD1FB42P75_COS		2601.43	381.99	152.05	891.08	-501.76	442.27	-385.72	328.88	-70.14	-89.24	196.61	-41.45	26.88	15.12	-99.48	86.90
MRBLD1FB42P75_SIN		0.00	-242.58	373.05	-0.24	1149.34	495.73	104.39	-3.79	-7.42	-106.47	-43.43	-51.03	-26.31	37.80	-48.33	64.12
MRBLD1FB70_COS		620.43	96.76	52.48	279.17	-187.44	118.41	-93.16	75.81	-2.65	-10.72	3.25	1.66	-2.05	-0.03	19.10	-17.68
MRBLD1FB70_SIN		0.00	-242.70	155.59	-7.16	275.26	108.07	11.34	5.62	6.61	-2.85	-0.34	5.35	4.71	-5.03	10.97	-14.70
MRBLD1FB87_COS		78.55	113.40	5.86	137.65	-112.14	20.54	15.31	-36.40	15.53	19.69	-42.25	13.94	-6.89	-3.32	22.88	-18.09
MRBLD1FB87_SIN		0.00	-306.02	115.73	16.43	109.18	-8.48	-2.15	0.05	-1.97	26.12	14.22	14.86	8.41	-6.18	12.29	-8.81
MRBLD1FB120_COS		-313.23	157.79	-45.16	91.20	-35.49	-109.92	101.65	-115.32	-7.17	1.68	3.15	-14.03	3.86	3.45	-31.08	27.42
MRBLD1FB120_SIN		0.00	-466.80	150.60	117.48	-21.66	-122.47	-0.75	-3.64	-7.24	-4.77	-8.07	-17.26	-13.51	3.17	-20.56	13.52
MRBLD1FB164_COS		32.55	154.67	51.39	37.51	365.13	-38.33	-33.63	154.88	-2.30	4.92	-19.21	14.21	-6.11	-8.24	16.87	-11.30
MRBLD1FB164_SIN		0.00	-603.12	277.21	154.48	-289.71	-78.08	40.07	25.69	3.32	6.96	12.71	17.16	10.56	-7.39	6.09	-3.68

RUN	POINT	Harmonics															
46	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-36.23	-8.41	60.04	-11.45	255.68	70.81	-84.73	139.80	-3.76	37.02	-78.47	1.96	-19.59	3.14	-30.93	32.33
MRBLD1FB180_SIN		0.00	-411.34	188.01	81.68	-215.82	-4.99	43.79	33.62	-1.31	32.11	39.67	21.55	-21.66	-10.09	-19.65	23.29
MRBLD1TOR51_COS		-1457.34	166.68	45.86	87.09	90.35	0.04	55.77	46.17	9.29	-2.64	-11.53	-3.75	-1.65	5.48	3.24	-4.98
MRBLD1TOR51_SIN		0.00	-130.36	152.71	4.74	69.14	496.88	-172.11	22.99	-17.72	-9.81	-2.26	4.87	-3.83	-5.19	-10.73	20.87
MRBLD1TOR71_COS		-313.98	187.11	19.80	53.92	113.69	0.85	77.33	24.54	12.14	-1.35	-17.84	-8.32	-2.97	2.98	4.91	-4.73
MRBLD1TOR71_SIN		0.00	-122.28	125.08	-16.72	36.63	435.75	-137.53	14.99	-12.52	-4.61	-1.27	11.17	-3.60	-3.97	-3.26	16.94
MRBLD1TOR130_COS		-50.52	165.95	24.91	7.49	146.22	22.75	43.66	37.14	1.29	-0.92	8.73	-14.35	0.02	-5.95	-0.18	0.75
MRBLD1TOR130_SIN		0.00	-90.34	70.75	-14.47	-15.46	354.85	-91.05	10.07	-5.25	-25.77	11.52	5.96	3.49	2.89	6.34	-2.54
MRBLD1TOR164_COS		-266.21	84.12	14.43	-11.17	31.41	55.52	1.31	15.47	1.56	-1.09	-4.00	-9.77	0.60	-5.04	-1.02	5.82
MRBLD1TOR164_SIN		0.00	-12.57	0.02	-37.15	7.10	242.97	-41.61	-4.96	2.28	-9.04	-1.08	2.64	0.58	0.94	-2.85	-4.34
MRFBM1CB26P5_COS		-925.24	-974.32	183.60	-34.74	63.92	-52.00	57.78	1.98	-6.52	6.17	24.88	1.94	3.09	-3.67	0.98	-0.89
MRFBM1CB26P5_SIN		0.00	521.62	116.09	-52.88	32.18	65.03	16.27	-11.74	-1.93	-0.27	-1.51	-1.67	-0.21	3.69	-6.26	0.60
MRFBM1FB9_COS		637.70	-60.01	-198.95	-189.34	106.80	-3.04	17.55	-16.60	3.32	-0.51	-4.37	-1.04	-0.45	1.25	-1.15	2.71
MRFBM1FB9_SIN		0.00	-14.73	-214.61	-95.98	-101.37	-53.21	31.84	-15.61	3.39	7.47	-4.83	2.64	-0.66	-0.17	3.68	-3.50
MRFBM1TOR26P5_COS		-108.02	88.01	3.69	0.26	2.06	-0.52	1.86	0.01	0.10	0.43	-0.35	0.83	0.02	0.27	0.00	0.04
MRFBM1TOR26P5_SIN		0.00	-262.53	2.53	-0.40	0.83	7.32	-3.37	-0.04	-0.20	1.40	-0.32	-0.35	-0.08	-0.09	-0.11	-0.21

RUN	POINT	Harmonics															
46	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		174.24	-1260.31	313.35	51.78	-79.64	-33.49	-169.42	140.52	-38.02	-22.11	85.68	-29.69	20.84	-5.00	-26.90	-4.16
MRPC1CB33P25_SIN		0.00	1197.22	32.31	32.43	38.30	191.08	-105.28	33.32	18.86	-103.47	-43.10	-34.00	22.52	18.08	-36.85	43.73
MRPC1FB33P25_COS		1830.14	307.74	-7.03	766.09	-668.55	220.99	-366.36	272.06	-50.45	-4.83	173.94	5.02	41.03	-20.51	-19.57	-8.19
MRPC1FB33P25_SIN		0.00	-10.57	302.38	153.32	823.14	507.41	-43.45	111.62	-42.88	-135.32	77.79	-61.31	3.42	36.88	-113.01	117.91
MRPC1TOR25P5_COS		-368.88	-87.15	-76.19	-47.63	-127.13	15.55	-78.99	-34.46	-11.18	1.14	30.48	-10.77	5.01	-14.57	-4.19	1.58
MRPC1TOR25P5_SIN		0.00	-119.05	-158.87	4.41	-63.84	-535.08	198.85	-15.66	18.72	-16.04	10.22	0.95	10.20	11.56	11.84	-5.79
MRPLK1LOAD_COS		4.14	-14.50	-9.93	-7.92	-18.29	2.63	-11.59	-4.80	-0.74	-1.04	4.33	-4.86	0.24	-2.98	-0.14	-0.55
MRPLK1LOAD_SIN		0.00	-9.75	-22.23	-2.01	-11.22	-75.99	28.85	-1.96	3.08	-5.37	2.43	1.25	1.49	1.82	2.52	0.78
PITCHRH_COS		8617.20	-9413.80	-50.09	164.13	-12.61	-1358.45	-366.76	-63.41	-172.47	-75.03	-313.80	-115.34	-123.24	45.48	76.68	-245.57
PITCHRH_SIN		0.00	2018.08	-1432.16	20.78	-66.81	6426.17	220.50	-251.68	-79.66	48.37	226.87	-213.40	80.27	-25.55	-94.06	-295.75
ROLLRH_COS		3151.15	-2059.48	1456.52	-115.08	-16.91	-6666.98	-106.31	134.18	94.00	-19.54	-520.40	106.13	-159.42	-33.99	2.82	480.56
ROLLRH_SIN		0.00	-9490.80	-58.45	242.09	-125.39	-2055.86	-99.89	-3.12	148.84	24.57	-176.74	-204.98	74.83	-75.55	256.69	-184.07
TORQ_COS		104054.28	488.51	-9.75	49.95	-23.76	336.92	15.41	5.46	5.34	-10.73	-86.84	-6.50	-1.29	3.83	0.56	2.58
TORQ_SIN		0.00	1081.42	-94.46	141.56	50.64	-604.17	46.35	55.86	-5.94	-10.36	49.22	4.86	0.87	-1.20	1.11	3.00
THRUST_COS		5723.61	-185.39	-9.04	32.80	21.94	-81.05	12.27	7.89	6.32	-1.28	-51.18	-29.84	-3.85	-8.54	9.47	-12.68
THRUST_SIN		0.00	-200.41	-14.46	13.86	0.21	-422.09	11.34	29.64	11.01	-14.27	-6.09	11.58	3.23	2.78	-0.20	-48.57

RUN	POINT	Harmonics															
46	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.42	66.39	-37.38	4.97	6.93	503.90	11.75	-1.67	-4.32	0.29	17.07	-5.94	3.78	0.96	-0.43	-11.89
SIDERH_SIN		0.00	230.63	1.90	3.69	32.45	-131.38	4.17	-0.75	-6.27	1.54	8.37	3.07	-1.96	2.18	-7.48	6.17
DRAGRH_COS		-97.21	232.92	20.06	-7.91	13.52	-637.20	-25.99	-3.14	10.41	-1.90	16.85	1.38	7.01	-1.37	-2.89	16.99
DRAGRH_SIN		0.00	-61.06	18.62	-4.39	0.51	124.57	-25.90	0.32	-2.36	2.17	-4.63	12.55	-1.75	1.22	4.53	17.44

RUN	POINT	Harmonics															
46	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	-1.49	0.00	-0.10	0.04	-0.04	0.02	0.02	0.01	-0.02	0.01	0.09
FLAP1C_SIN		0.00	0.00	0.00	0.01	0.00	0.09	0.00	0.01	-0.01	-0.01	-0.02	-0.01	0.00	-0.01	0.00	0.03
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.17	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.60	-0.79	-9.62	-0.06	-7.87	-6.46	5.77	-2.92	0.77	-0.24	0.49	0.60	0.58	-0.33	0.42	2.28
ACT1FORCE_SIN		0.00	21.17	-1.69	1.00	5.47	-16.10	0.96	0.64	0.02	0.15	-0.40	-0.21	0.40	-0.24	0.31	1.52
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.00	-0.01	0.08	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	-0.02	0.16	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		373.56	-4.93	61.06	2.17	45.86	-244.54	-42.88	-0.15	0.19	-0.16	-0.64	-0.02	0.08	0.18	-0.08	-0.19
FA1IBVOLTAGE_SIN		0.00	-120.10	8.34	-0.63	-41.22	170.62	-1.83	0.92	0.10	0.20	-0.44	-0.19	0.00	-0.04	-0.10	1.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.02	-0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.02	-0.16	-0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		432.27	5.16	-61.34	-2.12	-46.51	244.30	43.85	0.31	-0.24	0.49	-0.55	-0.06	-0.07	-0.13	0.08	0.15
FA1OBVOLTAGE_SIN		0.00	120.58	-8.15	0.80	41.64	-172.39	1.35	-0.38	0.01	0.07	-0.33	-0.20	-0.03	0.08	0.10	-1.04
MRBLD1CB42P75_COS		-498.84	-1604.36	393.33	71.24	-299.45	-36.02	-311.04	271.95	-24.50	-219.26	71.79	-36.22	40.97	-5.20	-36.72	9.27
MRBLD1CB42P75_SIN		0.00	1326.96	71.53	50.53	-187.43	210.69	-72.30	-49.79	58.06	-71.96	-116.43	-13.54	16.93	14.58	-9.81	26.07

RUN	POINT	Harmonics															
46	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4474.00	-1205.56	268.75	34.24	-452.28	-221.76	-556.83	291.08	-6.52	-212.08	13.56	-25.49	21.74	-7.87	-25.24	17.45
MRBLD1CB70_SIN		0.00	999.67	-45.20	135.26	-370.22	45.41	-57.69	-27.10	31.26	-34.28	-56.62	-12.10	7.20	-1.30	-10.88	44.19
MRBLD1CB120_COS		-235.00	-729.48	192.34	111.84	-441.15	-226.51	-644.50	209.62	43.90	88.10	-6.76	10.09	-16.21	2.29	6.34	6.38
MRBLD1CB120_SIN		0.00	751.59	-89.90	76.60	-81.69	-152.16	-19.38	-3.36	-58.91	29.78	110.49	-3.25	-5.41	4.91	-8.78	12.13
MRBLD1CB164_COS		-1973.04	-251.65	29.80	80.03	-228.86	-161.88	-236.68	-0.84	38.29	158.30	11.25	14.49	-3.76	7.35	9.82	-11.97
MRBLD1CB164_SIN		0.00	269.27	-35.54	52.56	30.03	-180.36	-18.17	21.21	-80.08	34.27	100.34	-7.88	15.69	5.67	13.65	-42.34
MRBLD1FB42P75_COS		2593.32	368.28	117.84	790.71	-126.08	552.49	-318.94	350.10	-51.86	-102.19	196.60	-58.34	1.73	30.55	-79.19	84.92
MRBLD1FB42P75_SIN		0.00	-232.17	338.33	53.93	1333.50	188.71	237.18	-292.81	-10.85	-111.19	-180.56	-10.64	-30.39	16.36	24.81	1.63
MRBLD1FB70_COS		620.10	93.89	34.46	254.28	-102.97	142.11	-81.78	78.20	0.75	-14.62	0.58	3.36	0.27	-3.30	16.34	-16.33
MRBLD1FB70_SIN		0.00	-234.23	140.10	1.17	352.45	29.74	47.61	-49.15	7.06	6.87	-1.36	3.73	4.37	-3.18	-3.62	-1.33
MRBLD1FB87_COS		82.91	108.08	-11.05	132.04	-74.25	10.36	15.25	-37.00	11.36	26.68	-40.81	18.11	-0.70	-6.04	17.52	-16.88
MRBLD1FB87_SIN		0.00	-292.07	99.21	21.70	150.49	-24.25	-11.46	28.12	-3.76	22.03	43.57	4.38	10.97	-1.74	-3.85	2.77
MRBLD1FB120_COS		-302.80	143.14	-60.42	93.68	-48.47	-163.62	92.44	-119.13	-12.81	2.35	4.60	-18.61	-2.23	6.27	-24.95	25.12
MRBLD1FB120_SIN		0.00	-443.20	120.82	134.65	-9.88	-63.68	-50.71	75.19	-5.73	-11.40	-14.21	-9.22	-14.96	-1.17	3.00	-2.73
MRBLD1FB164_COS		32.79	137.79	51.80	1.32	217.35	-52.99	-5.01	175.00	1.58	1.04	-17.94	20.92	-0.17	-10.70	12.78	-9.66
MRBLD1FB164_SIN		0.00	-588.72	248.67	197.28	-424.46	-24.72	70.03	-80.78	5.81	9.54	27.43	7.66	13.06	-2.82	-7.93	2.18

RUN	POINT	Harmonics															
46	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-35.77	-14.49	66.98	-40.12	148.14	75.07	-48.90	163.22	-3.02	42.15	-71.84	14.73	-18.91	3.10	-23.79	32.10
MRBLD1FB180_SIN		0.00	-404.81	176.12	109.94	-310.59	-18.97	94.36	-63.99	0.98	23.52	94.68	8.37	-13.85	-14.33	3.90	-3.11
MRBLD1TOR51_COS		-1456.73	165.97	43.05	58.00	99.64	240.16	-13.26	59.29	0.22	-11.18	-15.17	2.35	2.39	2.28	-3.77	16.97
MRBLD1TOR51_SIN		0.00	-124.78	153.94	-3.89	28.94	432.76	-187.79	-18.03	-26.60	1.85	5.00	2.97	-4.31	-6.53	-9.99	13.52
MRBLD1TOR71_COS		-312.92	185.60	15.63	31.44	121.00	212.97	20.35	29.88	2.77	-7.29	-22.23	3.41	0.86	1.88	0.47	13.44
MRBLD1TOR71_SIN		0.00	-116.02	125.52	-23.25	-12.19	383.65	-163.21	-8.92	-21.23	7.23	9.76	10.34	-1.72	-2.29	-6.81	9.15
MRBLD1TOR130_COS		-50.23	165.06	21.86	-10.19	135.94	192.47	9.70	41.66	-1.93	-16.17	14.86	-5.84	1.96	-2.18	1.53	-3.65
MRBLD1TOR130_SIN		0.00	-86.24	73.34	-19.17	-73.58	304.16	-105.02	-16.48	-5.85	-12.20	8.11	12.66	3.47	8.53	2.15	-5.96
MRBLD1TOR164_COS		-266.27	86.95	11.63	-17.12	36.20	163.94	-10.26	12.88	0.67	-8.69	-4.68	-3.09	-0.45	-1.96	-0.81	-6.80
MRBLD1TOR164_SIN		0.00	-12.56	7.67	-46.75	-4.52	185.66	-43.09	-13.94	2.39	-0.61	2.26	8.22	1.56	4.75	-1.35	-5.86
MRFBM1CB26P5_COS		-927.26	-918.49	191.98	-20.00	69.80	-1.18	64.08	-0.16	-7.90	9.23	22.23	-0.55	1.92	1.54	-3.38	0.20
MRFBM1CB26P5_SIN		0.00	521.10	126.96	-64.86	-22.98	79.15	-11.91	-13.45	2.03	-8.90	-11.36	-1.57	-0.89	3.73	-3.45	-1.38
MRFBM1FB9_COS		626.87	-77.92	-190.33	-160.03	80.29	-23.28	27.53	-29.88	2.28	3.34	-8.82	0.21	-0.81	0.73	1.00	0.25
MRFBM1FB9_SIN		0.00	-10.51	-197.57	-100.12	-136.46	-34.12	25.28	-2.58	1.40	7.39	-1.89	2.93	-0.03	-0.60	2.78	-3.60
MRFBM1TOR26P5_COS		-108.11	88.25	3.63	-0.05	1.92	3.61	0.15	0.11	-0.03	1.22	-0.56	0.23	-0.04	0.09	-0.03	0.02
MRFBM1TOR26P5_SIN		0.00	-262.37	2.43	-0.57	0.05	6.54	-3.70	-0.29	-0.39	0.53	-0.17	-0.72	-0.15	-0.36	0.02	0.01

RUN	POINT	Harmonics															
46	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		189.32	-1194.14	334.84	60.48	-153.29	63.79	-193.87	164.57	-10.49	-110.96	69.91	-30.83	34.21	-0.96	-29.78	10.82
MRPC1CB33P25_SIN		0.00	1163.78	53.82	-8.84	55.03	148.91	-35.53	-62.76	49.68	-57.69	-77.30	-1.48	4.00	14.90	-6.49	23.16
MRPC1FB33P25_COS		1823.39	296.55	-29.18	676.55	-413.53	387.92	-355.18	402.33	-31.29	-17.96	253.20	-30.21	27.11	4.79	-69.03	44.26
MRPC1FB33P25_SIN		0.00	-2.52	273.40	179.20	1066.03	291.18	93.99	-111.34	-32.67	-144.46	-20.93	-43.87	-17.10	36.03	-51.60	78.74
MRPC1TOR25P5_COS		-374.16	-83.62	-73.08	-17.81	-138.49	-246.29	3.49	-42.18	1.52	-4.84	39.23	-6.16	2.59	-4.87	1.94	-15.89
MRPC1TOR25P5_SIN		0.00	-125.91	-159.58	12.10	-8.66	-471.69	223.14	18.37	31.41	-14.38	-4.48	12.04	10.51	21.05	8.77	-8.71
MRPLK1LOAD_COS		3.93	-14.08	-9.54	-3.76	-20.58	-35.03	0.79	-5.91	1.05	-3.95	5.99	-1.63	0.23	-0.78	1.03	-1.83
MRPLK1LOAD_SIN		0.00	-10.53	-22.33	-1.12	-4.08	-66.49	31.72	3.33	5.03	-2.68	0.42	4.29	2.06	4.43	0.84	-1.07
PITCHRH_COS		9061.83	-9409.84	-58.45	217.97	-93.73	1399.62	-132.42	-221.39	-167.16	-14.56	300.32	-263.85	48.81	12.40	-61.83	-481.75
PITCHRH_SIN		0.00	1997.61	-1410.56	25.91	-21.42	6627.07	443.83	-249.14	41.16	117.17	336.24	18.60	220.75	-113.70	-141.48	-291.24
ROLLRH_COS		3047.84	-2039.23	1413.64	-145.63	-161.44	-7680.60	-132.35	75.17	249.86	71.30	-412.38	-111.69	64.84	-120.52	381.83	-28.22
ROLLRH_SIN		0.00	-9494.99	3.01	214.46	-94.15	213.65	-179.20	-51.60	77.20	72.26	451.55	-207.67	226.56	13.35	60.05	-80.18
TORQ_COS		104096.23	478.62	-23.65	56.60	94.31	-10.18	39.51	21.37	15.08	-12.14	-49.47	-5.34	6.95	-4.82	5.25	6.26
TORQ_SIN		0.00	1101.56	-95.50	185.96	7.20	-685.05	39.29	53.40	-11.83	4.92	77.77	5.40	1.38	-2.55	-6.72	7.92
THRUST_COS		5698.80	-183.19	-9.58	43.19	5.03	-255.15	16.25	16.60	8.72	-21.52	-79.52	-10.31	-1.35	0.46	5.06	-27.58
THRUST_SIN		0.00	-202.11	-7.88	17.45	-2.33	-309.49	5.98	29.71	2.81	-7.37	36.25	25.18	5.65	6.72	-6.76	-51.98

RUN	POINT	Harmonics															
46	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.58	66.41	-36.82	11.26	33.96	448.96	25.11	-2.81	-10.25	-1.79	20.73	-1.77	-2.77	3.53	-11.24	1.65
SIDERH_SIN		0.00	229.82	-1.77	2.80	17.15	-338.55	2.25	1.81	-2.93	-0.36	-13.26	7.43	-5.55	-0.09	-1.48	1.36
DRAGRH_COS		-90.92	234.60	21.73	-6.41	16.73	-565.35	-31.44	0.33	7.18	1.96	-6.20	12.36	0.31	1.30	4.54	30.11
DRAGRH_SIN		0.00	-60.75	18.93	-2.85	-7.64	452.94	-42.24	5.33	-4.69	1.54	-19.72	4.24	-7.23	5.28	5.81	6.29

RUN	POINT	Harmonics															
46	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	-0.01	-1.23	0.00	-0.10	0.03	-0.04	0.01	0.01	0.01	-0.01	0.01	0.02
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.05	-0.04	0.02	-0.03	-0.02	-0.01	0.01	-0.02	-0.10
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.09	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-28.06	-0.74	-10.10	1.82	-5.17	-13.81	5.41	-2.53	0.65	-0.24	0.22	0.26	0.32	-0.33	0.36	1.50
ACT1FORCE_SIN		0.00	21.10	-2.12	-0.22	8.36	-10.70	-1.81	1.84	-0.56	0.15	-0.46	-0.33	-0.25	0.37	-0.54	-2.55
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.00	-0.02	0.15	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	-0.02	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.03	-4.90	62.40	-10.32	24.37	-121.59	-37.73	0.16	0.13	0.24	-0.68	-0.16	0.00	0.01	-0.10	1.08
FA1IBVOLTAGE_SIN		0.00	-120.29	9.83	4.57	-58.71	271.27	18.31	1.03	-0.30	0.25	0.35	-0.06	-0.09	-0.07	0.09	0.12
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.02	-0.15	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.01	-0.10	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.80	5.02	-62.72	10.58	-24.78	121.05	38.43	0.21	-0.21	0.22	-0.58	-0.17	-0.04	0.01	0.11	-1.04
FA1OBVOLTAGE_SIN		0.00	120.80	-9.81	-4.56	59.45	-272.40	-19.11	-0.61	0.27	-0.35	0.36	-0.09	0.10	0.03	-0.10	-0.10
MRBLD1CB42P75_COS		-496.01	-1545.88	422.83	29.58	-473.36	89.49	-301.68	245.11	15.90	-232.44	36.89	-37.11	37.47	-0.38	-19.16	-4.73
MRBLD1CB42P75_SIN		0.00	1286.72	136.84	0.19	-96.88	145.49	76.10	-187.11	71.31	105.51	-122.92	14.49	-12.22	14.13	10.37	19.94

RUN	POINT	Harmonics															
46	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4479.41	-1177.05	303.69	4.32	-741.62	-131.85	-533.65	254.96	22.58	-199.09	-1.89	-25.85	16.29	-5.97	-11.13	12.93
MRBLD1CB70_SIN		0.00	989.55	2.85	58.40	-144.55	54.51	199.27	-174.75	33.52	135.80	-68.05	4.64	-8.10	14.08	-3.99	31.91
MRBLD1CB120_COS		-240.80	-721.51	230.13	71.66	-622.85	-226.73	-594.16	193.30	24.44	114.63	38.16	3.08	-20.02	4.99	0.50	6.29
MRBLD1CB120_SIN		0.00	765.57	-55.54	15.52	147.19	-114.45	264.56	-109.84	-75.75	-50.73	69.63	-12.24	6.90	5.65	-4.82	-1.12
MRBLD1CB164_COS		-1975.53	-254.56	37.90	65.20	-274.92	-209.65	-226.87	8.40	0.64	176.62	53.84	-2.64	10.69	4.58	-0.27	-20.48
MRBLD1CB164_SIN		0.00	278.32	-27.01	28.20	140.65	-124.30	78.27	24.40	-92.74	-105.54	73.62	-10.16	10.33	-6.03	12.41	-26.42
MRBLD1FB42P75_COS		2596.37	364.53	103.16	604.48	252.58	489.57	-175.29	220.61	-39.77	-139.66	112.08	-48.47	-17.37	29.21	0.18	28.92
MRBLD1FB42P75_SIN		0.00	-228.53	338.83	34.31	1243.48	-113.44	331.85	-521.12	-10.31	-109.39	-275.83	31.91	-14.42	-5.51	38.77	-10.49
MRBLD1FB70_COS		619.70	101.23	26.55	198.07	-2.06	124.01	-49.91	53.18	3.70	-10.21	-1.91	3.96	2.01	-3.58	1.86	-4.71
MRBLD1FB70_SIN		0.00	-236.86	144.56	-19.25	354.22	-48.00	75.39	-92.50	6.34	15.26	-0.68	1.90	2.95	0.60	-7.41	0.24
MRBLD1FB87_COS		82.48	112.73	-22.79	109.98	-24.68	-6.69	9.04	-23.07	7.65	31.99	-22.43	15.68	5.07	-5.79	0.04	-6.29
MRBLD1FB87_SIN		0.00	-294.66	97.13	4.21	160.83	-30.43	-20.20	49.56	-4.20	17.00	63.97	-7.16	7.96	3.04	-6.12	4.47
MRBLD1FB120_COS		-300.31	138.88	-80.33	91.08	-45.95	-180.58	54.06	-82.38	-16.16	-1.64	2.69	-17.92	-7.41	6.47	-0.21	10.43
MRBLD1FB120_SIN		0.00	-443.71	105.26	112.30	13.87	18.50	-92.43	138.33	-2.69	-17.25	-18.64	-0.44	-11.62	-6.67	6.81	-5.47
MRBLD1FB164_COS		38.22	133.20	52.31	-16.35	45.52	-30.53	45.10	140.98	5.43	-0.76	-9.54	20.68	5.85	-10.63	-3.65	-2.73
MRBLD1FB164_SIN		0.00	-597.46	231.06	210.50	-449.39	12.67	82.27	-171.95	8.90	17.11	37.28	-2.73	10.95	3.50	-10.39	1.64

RUN	POINT	Harmonics															
46	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-32.13	-16.79	73.08	-49.96	22.90	76.12	12.96	134.35	-2.39	42.27	-34.40	15.53	-16.02	-1.14	1.85	8.47
MRBLD1FB180_SIN		0.00	-411.40	167.59	129.64	-329.29	-41.03	123.80	-152.92	6.72	18.17	129.62	-10.24	-11.85	-16.65	7.95	-7.16
MRBLD1TOR51_COS		-1457.63	168.69	53.15	9.73	80.10	422.64	-80.21	50.21	-13.98	-4.17	-14.99	2.88	2.51	1.49	-5.74	11.63
MRBLD1TOR51_SIN		0.00	-124.99	163.68	-7.35	-20.31	246.54	-165.13	-60.00	-26.87	16.51	13.80	-1.93	-8.52	-3.14	-0.92	-12.12
MRBLD1TOR71_COS		-314.30	188.41	22.76	-5.02	96.32	374.96	-40.87	23.33	-10.23	1.22	-20.63	8.94	2.70	3.56	-5.29	7.19
MRBLD1TOR71_SIN		0.00	-116.11	133.22	-22.51	-62.04	223.62	-156.48	-33.71	-21.86	19.87	21.24	1.33	-4.42	-1.04	-1.70	-10.64
MRBLD1TOR130_COS		-51.46	166.86	28.51	-35.04	91.60	319.51	-26.28	33.40	-4.73	-13.24	16.17	2.55	2.29	3.66	-2.80	-7.42
MRBLD1TOR130_SIN		0.00	-87.36	79.90	-10.67	-119.96	166.95	-99.48	-43.53	-3.85	5.18	1.80	10.23	1.82	5.93	0.15	1.27
MRBLD1TOR164_COS		-267.79	89.20	15.98	-28.77	27.72	230.40	-22.19	6.57	1.17	-5.46	-4.12	5.86	1.08	1.66	0.37	-7.74
MRBLD1TOR164_SIN		0.00	-13.37	15.32	-41.37	-21.09	79.02	-37.90	-23.33	2.84	10.16	3.90	5.09	3.14	2.01	-1.98	9.88
MRFBM1CB26P5_COS		-926.45	-875.29	201.80	-27.99	64.40	40.12	58.65	0.36	-6.23	3.04	18.69	-2.30	1.37	2.61	-2.63	-2.54
MRFBM1CB26P5_SIN		0.00	507.35	148.93	-58.88	-75.14	71.58	-37.96	-10.69	7.35	-17.01	-13.27	0.50	-1.22	-0.56	2.65	-2.63
MRFBM1FB9_COS		636.93	-105.96	-192.32	-115.70	40.98	-32.48	32.47	-33.31	0.83	5.63	-9.86	1.90	-0.66	0.12	1.21	-0.55
MRFBM1FB9_SIN		0.00	6.43	-205.24	-80.31	-142.85	-8.36	12.63	14.06	0.40	4.95	2.72	2.22	0.52	-0.80	0.12	-1.61
MRFBM1TOR26P5_COS		-108.21	87.78	3.79	-0.67	1.65	6.68	-1.42	-0.07	-0.35	0.96	-0.56	-0.36	-0.10	-0.18	0.15	0.18
MRFBM1TOR26P5_SIN		0.00	-262.45	2.46	-0.68	-0.66	3.60	-3.06	-0.41	-0.42	-0.49	0.11	-0.45	-0.15	-0.21	0.04	-0.08

RUN	POINT	Harmonics															
46	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		199.41	-1153.42	360.54	25.19	-192.46	131.55	-175.73	142.05	24.72	-118.88	53.35	-23.90	24.26	4.02	-10.28	-6.51
MRPC1CB33P25_SIN		0.00	1121.15	107.50	-28.56	62.53	72.04	46.53	-148.57	57.74	31.38	-91.92	21.22	-15.71	11.04	9.22	13.89
MRPC1FB33P25_COS		1824.59	290.81	-40.01	526.92	-87.95	417.15	-266.28	386.32	-16.77	-48.59	248.19	-50.83	2.85	21.43	-33.76	21.08
MRPC1FB33P25_SIN		0.00	3.40	274.19	130.09	1087.09	33.66	225.91	-345.75	-26.34	-158.00	-140.38	-8.15	-20.29	20.88	23.77	25.39
MRPC1TOR25P5_COS		-374.68	-85.98	-85.25	31.06	-115.45	-448.09	84.22	-31.74	20.49	-9.07	38.17	3.88	1.89	4.33	-1.01	-17.84
MRPC1TOR25P5_SIN		0.00	-125.22	-169.32	10.32	52.54	-275.11	202.74	51.87	32.06	-12.89	-22.44	13.75	13.33	12.19	1.18	17.63
MRPLK1LOAD_COS		3.63	-14.38	-11.17	3.07	-18.09	-63.50	12.55	-4.06	4.10	-3.59	5.88	2.17	0.69	1.76	-0.92	-3.16
MRPLK1LOAD_SIN		0.00	-10.59	-23.53	-1.55	4.52	-37.86	27.81	8.17	5.19	0.41	-2.44	3.21	2.46	2.53	-0.63	2.09
PITCHRH_COS		9470.09	-9405.15	-53.66	221.42	-81.77	3836.46	23.38	-282.21	-37.10	111.82	692.24	-172.10	268.89	-109.17	-158.51	-690.31
PITCHRH_SIN		0.00	2039.57	-1361.07	19.84	32.44	5283.13	536.94	-132.27	111.43	66.93	-174.44	261.78	85.27	-89.44	-71.10	88.51
ROLLRH_COS		2603.33	-2068.42	1410.66	-49.53	-176.56	-7086.44	-154.31	58.30	288.56	137.44	180.78	-229.56	245.48	-60.59	219.12	76.61
ROLLRH_SIN		0.00	-9501.84	74.70	238.46	-13.19	2717.46	-141.51	-109.60	-294.61	25.34	652.49	-17.83	44.33	40.24	-322.00	414.01
TORQ_COS		104263.58	465.94	-25.62	92.13	182.85	-334.88	54.55	6.38	14.89	-0.64	-28.79	-1.00	13.47	-6.14	-0.12	10.12
TORQ_SIN		0.00	1089.01	-85.91	183.47	3.95	-582.64	17.67	31.56	-32.52	11.67	67.01	2.47	-7.43	5.68	-12.39	4.00
THRUST_COS		5727.90	-179.91	-7.72	49.54	-5.88	-339.36	13.13	18.65	6.43	-21.64	-64.71	10.30	4.48	5.27	-6.89	-41.87
THRUST_SIN		0.00	-203.99	-1.36	7.38	-8.18	-128.10	0.51	24.17	-4.06	8.15	92.55	23.14	5.17	3.64	-8.16	-27.55

RUN	POINT	Harmonics															
46	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.38	66.71	-40.20	6.18	28.73	299.42	22.87	-1.91	-9.23	-4.21	4.81	4.25	-6.98	2.15	-6.11	-2.82
SIDERH_SIN		0.00	234.66	-2.79	5.86	9.33	-490.00	-3.13	3.76	6.99	-0.99	-27.03	5.00	-0.68	-1.30	9.26	-12.42
DRAGRH_COS		-86.01	235.20	21.25	-8.23	13.11	-375.57	-44.51	1.38	5.55	-0.61	-25.69	11.83	-9.69	5.98	6.78	28.88
DRAGRH_SIN		0.00	-62.31	18.30	-0.70	-14.14	703.22	-33.13	1.36	-4.80	-0.39	-4.74	-6.63	-3.36	2.61	1.00	-14.22

RUN	POINT	Harmonics															
46	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	-0.66	0.00	-0.07	0.01	-0.02	-0.01	0.00	-0.01	0.00	-0.03	-0.10
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.09	-0.05	0.04	-0.01	-0.01	0.00	0.01	-0.02	-0.04
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.15	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.82	-0.70	-10.06	2.48	-1.60	-17.52	3.58	-1.49	0.18	-0.10	-0.04	-0.12	-0.24	0.08	-0.82	-2.40
ACT1FORCE_SIN		0.00	20.65	-1.82	-1.73	9.47	-2.57	-3.97	2.67	-0.96	0.27	-0.20	-0.30	-0.13	0.30	-0.61	-2.08
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.00	-0.03	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.01	-0.01	0.01	0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		379.83	-4.19	64.13	-15.01	1.40	31.52	-22.13	0.49	-0.20	0.29	-0.10	-0.19	-0.01	0.07	0.06	0.30
FA1IBVOLTAGE_SIN		0.00	-116.94	6.59	15.30	-61.02	296.55	32.66	0.92	-0.44	0.05	0.84	0.16	-0.08	0.00	0.05	-1.14
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.03	-0.18	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		426.01	4.30	-64.51	15.35	-1.40	-32.55	22.37	0.05	0.02	-0.06	0.08	-0.10	0.05	-0.11	-0.07	-0.25
FA1OBVOLTAGE_SIN		0.00	117.48	-6.61	-15.49	61.92	-297.29	-33.68	-0.73	0.50	-0.48	0.64	0.00	0.11	-0.01	-0.09	1.09
MRBLD1CB42P75_COS		-477.83	-1500.63	490.35	-34.77	-591.37	172.98	-219.64	152.32	56.94	-124.13	28.60	-10.66	14.14	0.70	-17.32	-6.28
MRBLD1CB42P75_SIN		0.00	1320.18	142.11	-25.27	122.29	12.20	175.87	-293.13	25.52	216.28	-94.40	24.49	-36.06	11.35	8.01	30.85

RUN	POINT	Harmonics															
46	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4481.57	-1149.92	385.44	-95.17	-854.35	-32.35	-368.03	151.48	43.71	-78.91	-26.10	-6.61	2.54	9.27	-21.36	10.42
MRBLD1CB70_SIN		0.00	1021.51	9.62	14.72	285.83	14.03	393.74	-277.08	-19.29	225.03	-58.77	10.85	-16.27	16.81	-3.06	38.57
MRBLD1CB120_COS		-255.88	-707.48	302.08	-32.02	-627.52	-193.67	-383.82	130.77	-3.33	78.40	22.38	-12.48	-12.60	10.09	4.31	-3.02
MRBLD1CB120_SIN		0.00	772.93	-36.37	10.43	516.83	-71.72	493.33	-183.29	-86.25	-112.61	9.20	-6.75	21.71	6.14	0.36	-0.20
MRBLD1CB164_COS		-1978.92	-251.86	61.10	27.56	-238.47	-216.54	-158.31	20.39	-35.17	93.76	62.79	-21.36	12.26	-6.05	10.84	-16.45
MRBLD1CB164_SIN		0.00	282.56	-17.07	36.86	286.36	-49.68	170.63	25.19	-73.68	-196.57	22.68	3.91	-3.29	-6.92	14.80	-22.06
MRBLD1FB42P75_COS		2596.87	357.01	41.09	507.59	510.82	281.10	-23.01	6.16	-24.96	-162.45	25.09	-23.87	-16.47	17.19	18.82	21.85
MRBLD1FB42P75_SIN		0.00	-241.04	319.80	289.57	966.92	-350.31	318.33	-675.61	-17.17	-85.66	-299.60	55.90	-2.72	-8.09	7.54	29.48
MRBLD1FB70_COS		622.64	104.94	2.73	160.38	81.35	70.87	-11.21	12.48	4.96	-2.36	-2.82	3.44	1.47	-1.94	-2.60	-4.67
MRBLD1FB70_SIN		0.00	-235.25	139.36	50.27	306.93	-109.65	78.87	-119.85	2.52	17.22	1.31	-0.20	1.61	0.97	-2.27	-7.91
MRBLD1FB87_COS		86.50	114.27	-46.76	93.15	19.35	-23.98	1.00	-1.52	4.42	32.29	-4.07	8.94	6.61	-3.25	-3.66	-5.21
MRBLD1FB87_SIN		0.00	-288.80	91.09	35.39	144.64	-30.93	-22.30	63.49	-1.74	11.32	68.19	-13.25	5.38	3.65	0.89	-2.76
MRBLD1FB120_COS		-288.20	133.42	-116.47	87.88	-36.00	-154.58	2.07	-21.44	-15.65	-7.01	0.59	-12.79	-7.78	3.56	4.99	9.11
MRBLD1FB120_SIN		0.00	-423.24	81.99	135.89	30.46	92.67	-104.17	174.53	2.87	-18.96	-22.04	4.35	-9.59	-8.00	-3.58	4.02
MRBLD1FB164_COS		58.90	119.18	8.85	-18.25	-117.72	2.01	90.26	67.27	7.50	1.18	-1.92	15.39	8.00	-7.48	-8.86	-2.08
MRBLD1FB164_SIN		0.00	-568.79	184.89	282.18	-369.36	55.08	64.06	-232.58	7.20	21.58	40.05	-9.67	8.95	5.56	-3.65	-5.04

RUN	POINT	Harmonics															
46	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.32	-23.60	50.00	-49.04	-92.39	64.97	75.22	64.50	2.99	32.07	-0.60	7.67	-12.46	-4.19	10.29	6.23
MRBLD1FB180_SIN		0.00	-396.16	139.76	171.14	-272.80	-44.12	113.25	-216.77	8.68	17.23	131.17	-22.60	-12.51	-16.34	-2.85	12.44
MRBLD1TOR51_COS		-1452.92	172.35	53.06	-22.43	40.57	478.54	-126.02	23.39	-26.32	13.46	-9.68	-0.93	-1.54	5.32	-1.92	-14.87
MRBLD1TOR51_SIN		0.00	-115.96	156.92	31.59	-53.51	1.96	-106.60	-96.63	-23.14	17.68	23.02	-3.89	-11.64	-3.85	6.12	-9.86
MRBLD1TOR71_COS		-311.11	191.58	20.68	-25.98	52.92	427.46	-90.03	6.51	-22.07	18.50	-13.84	5.87	0.73	6.17	-3.25	-13.31
MRBLD1TOR71_SIN		0.00	-108.46	128.19	5.98	-94.58	11.01	-112.58	-55.44	-17.93	19.33	31.67	-7.14	-7.13	-3.90	6.90	-7.15
MRBLD1TOR130_COS		-48.22	168.08	28.02	-45.81	34.29	354.94	-54.49	13.79	-7.28	3.18	14.23	6.72	1.35	3.46	-3.43	-0.60
MRBLD1TOR130_SIN		0.00	-80.87	77.27	7.45	-137.90	-9.51	-70.20	-64.28	-3.09	11.35	1.80	1.94	0.67	0.80	3.29	5.21
MRBLD1TOR164_COS		-267.59	91.43	21.30	-33.07	15.04	234.31	-29.44	-2.98	0.66	4.83	-4.30	10.85	4.09	-0.56	0.84	10.98
MRBLD1TOR164_SIN		0.00	-12.48	21.91	-42.01	-32.44	-46.64	-23.44	-28.89	2.51	14.30	6.42	-4.20	3.13	-0.08	-4.29	13.09
MRFBM1CB26P5_COS		-923.01	-850.41	220.52	-16.03	14.72	68.37	37.87	0.92	0.08	-6.36	22.24	-3.03	0.99	-0.91	2.27	-4.13
MRFBM1CB26P5_SIN		0.00	534.22	150.68	-70.69	-123.21	40.21	-60.49	-11.55	11.52	-17.29	-11.49	2.67	-2.31	-2.09	3.06	-0.55
MRFBM1FB9_COS		649.20	-137.08	-170.54	-70.02	6.89	-27.18	31.06	-29.56	-1.03	5.17	-7.91	2.52	-0.57	-0.20	0.32	0.88
MRFBM1FB9_SIN		0.00	-7.67	-183.50	-134.16	-128.86	20.06	0.82	30.45	1.19	2.02	5.97	0.96	0.91	-0.54	-0.40	-1.01
MRFBM1TOR26P5_COS		-108.07	88.34	3.75	-1.08	1.00	7.53	-2.49	-0.23	-0.52	0.09	-0.39	-0.59	-0.17	-0.16	0.18	0.04
MRFBM1TOR26P5_SIN		0.00	-262.09	2.36	-0.23	-1.35	0.01	-1.94	-0.39	-0.26	-0.86	0.12	0.24	-0.10	0.01	-0.14	-0.20

RUN	POINT	Harmonics															
46	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		213.24	-1118.00	406.23	-3.34	-247.74	151.58	-127.87	79.52	57.56	-65.45	51.74	-2.16	4.13	2.54	-8.21	-12.13
MRPC1CB33P25_SIN		0.00	1139.08	108.51	-34.81	106.80	-40.22	92.93	-214.84	27.65	86.79	-87.16	26.43	-25.31	8.87	3.17	28.10
MRPC1FB33P25_COS		1826.37	283.13	-84.73	402.30	187.12	312.98	-130.87	274.35	0.77	-75.09	196.56	-49.25	-4.91	15.49	3.55	-14.89
MRPC1FB33P25_SIN		0.00	-6.43	250.11	323.72	931.97	-209.44	268.53	-551.74	-30.22	-147.99	-209.00	24.01	-12.67	10.21	21.91	43.50
MRPC1TOR25P5_COS		-377.22	-88.86	-85.49	59.47	-66.67	-513.31	145.01	-8.86	35.51	-13.14	27.44	12.72	5.91	-1.39	-4.98	12.33
MRPC1TOR25P5_SIN		0.00	-134.85	-162.16	-27.58	94.12	-14.66	137.35	80.28	24.06	-6.95	-33.83	3.66	15.44	5.80	-0.35	22.37
MRPLK1LOAD_COS		3.17	-14.85	-11.05	6.86	-11.97	-72.06	20.65	-0.37	6.44	-1.57	4.07	4.27	1.68	0.87	-1.85	0.74
MRPLK1LOAD_SIN		0.00	-11.75	-22.63	-7.23	10.81	-0.64	17.96	12.06	3.95	2.11	-3.62	-1.01	2.41	0.50	0.42	3.48
PITCHRH_COS		9969.18	-9439.51	-54.83	226.76	-112.99	4749.48	113.52	-326.60	-20.38	116.68	545.02	91.06	222.61	-85.84	-133.15	-477.55
PITCHRH_SIN		0.00	2003.49	-1307.37	-7.14	58.71	2735.08	469.10	5.00	35.72	-20.74	-727.14	333.15	-147.05	79.67	38.81	487.32
ROLLRH_COS		2763.40	-2075.60	1419.24	-44.31	-247.57	-5216.10	-53.64	67.13	229.64	89.10	662.44	-157.29	179.84	10.45	-158.85	366.30
ROLLRH_SIN		0.00	-9489.69	156.96	253.22	87.05	4461.47	-114.19	-81.42	-450.69	-14.84	334.51	196.73	-143.05	26.15	-277.84	104.28
TORQ_COS		104442.35	489.00	-28.38	134.50	239.88	-570.42	39.07	7.17	-6.54	11.11	-58.86	-1.07	5.31	0.66	-9.38	12.73
TORQ_SIN		0.00	1106.97	-85.66	177.53	-81.19	-307.68	-0.55	26.55	-37.88	5.12	43.70	-1.82	-11.56	6.08	-8.63	-1.36
THRUST_COS		5758.02	-184.67	-3.43	53.74	-19.73	-311.45	6.52	24.46	0.14	-10.80	-23.68	21.94	7.59	3.53	-9.53	-34.47
THRUST_SIN		0.00	-206.12	3.56	-3.19	1.49	62.82	-1.36	16.93	-4.57	13.99	132.28	2.94	0.03	-4.10	3.40	-13.32

RUN	POINT	Harmonics															
46	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.74	66.58	-39.50	7.12	38.23	76.44	12.77	-1.31	-6.27	-3.80	-13.73	5.89	-4.82	-0.27	4.92	-9.67
SIDERH_SIN		0.00	229.98	-5.93	3.38	-16.08	-526.81	-3.69	3.19	11.42	-0.45	-23.82	-1.66	4.09	-1.40	7.64	-2.09
DRAGRH_COS		-80.18	234.12	22.29	-6.72	7.25	14.74	-38.78	-0.89	4.16	-1.54	-34.09	0.83	-9.93	3.10	3.33	12.23
DRAGRH_SIN		0.00	-61.76	18.84	1.27	-12.56	790.69	-5.35	-0.05	-5.51	-3.64	14.12	-15.05	6.08	-3.86	-2.40	-24.32

RUN	POINT	Harmonics															
46	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.00	1.49	0.00	0.10	-0.05	-0.01	0.01	0.02	-0.01	0.01	0.00	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.02	0.04	-0.01	-0.01	0.00	0.01	0.00	-0.02	-0.02
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.17	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.99	-1.82	-11.31	-1.21	6.30	5.03	-4.88	3.07	-1.11	0.00	0.11	0.68	-0.29	0.43	-0.32	-2.26
ACT1FORCE_SIN		0.00	20.70	-0.80	-6.15	-0.91	16.57	-1.16	0.31	0.71	-0.20	-0.64	-0.12	0.17	0.15	-0.53	-1.56
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.02	0.00	-0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.02	-0.17	-0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		378.77	1.40	66.08	11.39	-37.53	253.12	34.50	0.65	0.42	-0.45	-0.80	0.16	-0.07	-0.21	0.21	0.27
FA1IBVOLTAGE_SIN		0.00	-117.96	-2.62	42.94	14.38	-177.93	3.19	-1.19	0.62	0.34	-0.89	-0.27	0.24	-0.02	-0.09	-0.99
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	-0.01	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.01	0.17	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		427.20	-1.20	-66.82	-11.68	38.62	-253.04	-35.74	-0.66	0.12	0.36	-0.54	-0.04	0.04	0.09	-0.19	-0.17
FA1OBVOLTAGE_SIN		0.00	118.74	2.81	-43.73	-14.78	180.00	-2.98	0.42	-0.58	0.04	-0.11	-0.09	-0.10	-0.01	0.03	0.97
MRBLD1CB42P75_COS		-498.27	-2063.95	576.83	-232.03	10.61	-132.27	170.49	-236.99	-18.79	-74.21	-79.75	1.95	-26.78	-5.73	24.71	-10.38
MRBLD1CB42P75_SIN		0.00	1104.78	2.16	155.77	635.98	-368.44	40.85	-123.33	76.14	-28.56	-111.33	66.23	43.61	-3.83	6.66	22.12

RUN	POINT	Harmonics															
46	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4500.88	-1500.32	430.84	-342.85	314.60	-2.25	418.08	-249.63	-36.93	-69.99	-34.18	3.18	-6.90	-4.68	14.79	-2.58
MRBLD1CB70_SIN		0.00	877.13	-129.10	203.03	1041.83	-327.43	127.35	-76.07	109.19	-23.43	25.97	45.95	30.12	-0.83	-5.36	13.98
MRBLD1CB120_COS		-228.14	-851.97	334.76	-179.64	457.77	19.35	562.72	-158.95	-18.78	28.07	53.90	-5.60	25.15	0.70	5.13	-8.36
MRBLD1CB120_SIN		0.00	692.71	-142.96	217.78	873.73	-115.90	133.82	-86.21	-4.73	3.93	100.53	-23.68	-7.61	0.02	-2.27	-2.11
MRBLD1CB164_COS		-1963.73	-267.73	70.04	-9.94	232.88	34.21	213.38	11.86	-7.27	42.66	40.47	-1.89	5.93	3.69	-11.27	3.54
MRBLD1CB164_SIN		0.00	247.05	-40.75	109.63	315.83	60.54	75.29	-7.62	-52.78	11.80	17.37	-24.04	5.63	-3.05	9.38	-8.86
MRBLD1FB42P75_COS		2554.21	486.63	97.44	810.86	83.27	-683.20	71.87	-594.91	-104.97	-38.66	-147.77	38.68	-17.12	-6.90	38.40	10.93
MRBLD1FB42P75_SIN		0.00	-243.04	394.71	740.82	-355.84	143.88	-156.94	-226.49	-77.89	-30.64	-165.14	29.98	7.83	-14.03	-62.95	46.26
MRBLD1FB70_COS		603.82	112.41	38.33	206.70	67.47	-176.12	35.05	-97.53	-4.32	-0.30	0.10	0.38	2.82	1.04	-8.84	-0.85
MRBLD1FB70_SIN		0.00	-269.99	175.95	198.82	-72.82	17.91	-32.64	-31.27	5.05	7.30	7.16	0.85	2.66	3.13	10.79	-10.62
MRBLD1FB87_COS		72.43	133.41	-25.55	101.73	38.24	-38.43	-13.76	56.63	14.37	12.12	38.50	-10.14	5.35	2.48	-8.43	-3.42
MRBLD1FB87_SIN		0.00	-315.47	134.38	94.07	-42.44	29.86	1.68	15.84	8.03	5.53	38.29	-8.03	-2.12	5.56	16.49	-6.07
MRBLD1FB120_COS		-301.29	159.65	-134.90	95.73	17.43	115.71	-78.09	129.62	-0.52	-7.12	-18.45	0.84	-8.24	-3.58	13.24	5.64
MRBLD1FB120_SIN		0.00	-417.52	136.83	136.57	27.19	74.62	44.70	50.12	-3.48	-9.05	-21.72	0.02	-5.34	-10.94	-23.72	8.84
MRBLD1FB164_COS		64.03	130.21	-41.82	146.11	-113.90	149.04	68.33	-170.78	3.63	9.76	25.67	-6.88	4.31	3.75	-11.07	-6.40
MRBLD1FB164_SIN		0.00	-496.10	168.20	306.22	295.63	-38.23	-91.06	-101.80	5.84	17.92	29.88	-4.96	-3.46	5.66	14.77	-6.05

RUN	POINT	Harmonics															
46	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.92	-16.11	11.08	65.26	-68.81	18.31	86.95	-166.43	15.24	18.02	67.00	-20.52	-11.67	-6.47	14.77	2.25
MRBLD1FB180_SIN		0.00	-344.75	114.74	173.26	199.09	-16.25	-100.02	-101.02	6.47	32.99	69.29	-26.46	-15.58	-15.29	-28.21	12.04
MRBLD1TOR51_COS		-1461.90	175.76	79.53	13.23	-87.76	-243.37	5.16	-98.56	-14.07	-27.94	6.27	5.21	-0.53	-0.46	6.46	-4.74
MRBLD1TOR51_SIN		0.00	-135.69	139.60	171.17	16.11	-401.56	96.46	-61.92	28.19	-5.75	6.60	-4.20	-1.18	-4.26	-5.25	-5.71
MRBLD1TOR71_COS		-318.43	201.10	44.67	6.44	-86.67	-197.10	-6.19	-66.72	-11.80	-24.58	10.45	2.37	0.47	0.40	2.15	-6.45
MRBLD1TOR71_SIN		0.00	-127.63	119.51	109.16	-1.60	-353.14	82.43	-35.96	26.27	-5.03	11.33	-2.51	-0.40	-2.49	-0.31	-4.15
MRBLD1TOR130_COS		-51.61	170.91	49.60	-12.01	-87.83	-172.01	6.23	-63.43	-5.57	-19.66	9.81	-2.64	-1.45	-1.21	-4.20	-4.27
MRBLD1TOR130_SIN		0.00	-93.81	67.53	73.75	24.26	-286.46	42.51	-34.09	8.36	-9.57	-13.85	10.57	4.16	0.22	6.49	3.00
MRBLD1TOR164_COS		-265.67	87.58	43.34	-31.37	-24.66	-163.42	9.37	-30.07	-0.54	-4.67	7.86	-7.39	0.25	1.12	1.99	-0.53
MRBLD1TOR164_SIN		0.00	-27.31	15.42	-8.98	-10.62	-169.69	9.33	-3.15	-0.25	-6.74	3.66	1.69	-1.86	-1.79	5.77	7.81
MRFBM1CB26P5_COS		-901.73	-1150.61	271.96	-45.96	-161.65	6.76	-62.99	1.28	6.01	3.98	-7.20	2.48	-2.46	0.46	5.07	-3.79
MRFBM1CB26P5_SIN		0.00	373.19	96.86	-61.18	-33.91	-74.77	-24.49	-15.15	-8.89	-3.12	-42.31	2.16	-1.82	-1.29	1.50	2.59
MRFBM1FB9_COS		610.41	60.14	-210.21	-104.61	-12.42	69.71	-3.62	19.40	2.30	1.61	-1.84	1.06	1.06	-0.53	-2.03	1.36
MRFBM1FB9_SIN		0.00	15.11	-193.29	-271.12	11.62	25.43	-8.25	32.89	3.89	2.73	5.57	-1.68	0.84	0.34	-0.94	-0.21
MRFBM1TOR26P5_COS		-107.29	88.17	4.22	-0.82	-1.96	-2.73	-0.22	0.17	-0.06	0.55	-0.36	0.38	0.05	-0.01	0.07	0.25
MRFBM1TOR26P5_SIN		0.00	-261.72	2.04	1.49	0.21	-6.81	3.16	-0.38	0.54	0.55	0.64	-0.51	-0.08	0.02	-0.27	-0.08

RUN	POINT	Harmonics															
46	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		169.59	-1598.28	465.83	-104.60	-90.24	-184.65	70.27	-163.66	11.84	-37.89	-66.15	4.14	-12.57	-5.85	27.17	-11.70
MRPC1CB33P25_SIN		0.00	1002.19	-2.31	98.84	241.43	-204.10	-2.13	-100.23	-0.61	-22.54	-107.61	40.11	27.97	-5.40	0.99	20.86
MRPC1FB33P25_COS		1796.78	394.35	-47.13	565.14	175.10	-586.36	123.85	-382.07	-40.37	-7.38	-8.97	10.29	-15.59	5.04	77.99	-35.46
MRPC1FB33P25_SIN		0.00	-3.42	307.07	746.28	-241.13	-67.52	-109.21	-424.55	-113.27	-51.17	-208.68	53.03	-7.09	-14.44	-1.30	38.81
MRPC1TOR25P5_COS		-368.36	-102.86	-110.55	18.45	108.60	248.28	4.45	87.01	13.25	25.28	3.05	-9.34	-2.52	0.75	-5.43	-7.72
MRPC1TOR25P5_SIN		0.00	-116.33	-145.34	-164.54	1.89	437.64	-120.37	49.74	-34.55	-5.73	-26.64	25.23	7.35	3.52	17.06	13.63
MRPLK1LOAD_COS		4.64	-16.86	-14.00	0.27	13.03	37.05	-1.32	12.07	2.39	1.70	2.05	-2.80	-0.37	0.50	-1.48	-2.70
MRPLK1LOAD_SIN		0.00	-10.02	-19.80	-26.05	0.55	62.24	-18.86	7.24	-5.38	-2.22	-4.42	4.55	1.21	0.62	3.48	1.92
PITCHRH_COS		6338.86	-9472.49	26.08	123.00	-96.59	-1500.73	142.99	27.92	145.86	83.19	64.59	-63.13	-2.36	51.63	-23.27	38.40
PITCHRH_SIN		0.00	2145.69	-1343.01	-190.81	96.98	-3871.40	-181.00	183.00	131.49	200.83	530.92	-125.12	-1.10	9.22	-15.79	327.77
ROLLRH_COS		2126.30	-2129.39	1544.05	10.67	116.53	2635.95	4.56	-81.81	166.06	15.79	-19.76	14.49	-158.54	6.41	86.79	380.51
ROLLRH_SIN		0.00	-9451.44	33.33	139.12	289.09	1254.79	-379.30	-61.73	-28.68	49.76	421.61	-131.40	51.76	39.84	-142.31	639.90
TORQ_COS		104438.16	515.22	-0.34	221.12	8.29	-6.63	-16.72	-10.19	5.25	-12.73	82.66	-8.03	1.14	1.50	-12.08	2.25
TORQ_SIN		0.00	1095.20	-81.45	33.23	-293.03	718.09	-22.45	50.29	3.00	2.58	167.00	6.72	2.62	2.93	-9.26	-4.33
THRUST_COS		5654.39	-204.79	5.89	27.90	-13.98	307.93	-8.19	9.06	4.06	-6.75	26.73	-13.13	1.57	4.03	3.21	-15.26
THRUST_SIN		0.00	-187.45	-12.68	-33.69	44.12	158.03	8.05	2.64	-5.05	-10.96	22.09	8.12	8.86	-0.90	5.91	-17.92

RUN	POINT	Harmonics															
46	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-155.85	64.54	-36.84	0.49	-36.00	-343.09	3.01	0.33	-5.99	3.00	-3.71	-1.79	4.04	-0.13	-2.56	-12.11
SIDERH_SIN		0.00	228.51	-0.80	-3.29	-40.27	74.35	22.48	-0.75	0.71	-0.08	-18.25	1.84	-1.94	-1.53	3.63	-16.69
DRAGRH_COS		-118.67	232.65	18.96	2.05	11.08	708.77	34.05	-2.96	-5.80	-4.74	-2.23	-1.89	0.87	-1.60	1.83	-5.67
DRAGRH_SIN		0.00	-59.70	20.87	-5.22	2.92	-281.76	20.93	-0.05	-4.55	-5.65	-5.29	7.35	2.46	0.61	0.59	-16.41

RUN	POINT	Harmonics															
46	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	1.48	0.00	0.09	-0.06	-0.01	0.01	0.02	-0.01	0.01	0.01	-0.06
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.03	0.02	-0.01	-0.01	0.00	0.00	0.00	-0.02	-0.06
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.16	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-28.20	-1.53	-11.06	-0.79	6.45	2.07	-4.51	2.86	-1.22	-0.03	0.23	0.74	-0.43	0.32	0.01	-1.12
ACT1FORCE_SIN		0.00	20.58	-0.38	-6.36	0.25	17.25	-2.02	0.92	0.38	-0.10	-0.74	0.02	-0.04	0.26	-0.69	-2.43
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.02	0.00	-0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.02	-0.18	-0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		381.37	-0.24	65.51	8.85	-39.94	278.19	32.69	0.76	0.24	-0.53	-0.59	0.20	0.02	-0.05	0.14	0.67
FA1IBVOLTAGE_SIN		0.00	-117.05	-5.32	44.81	8.49	-133.88	8.89	-1.09	0.61	0.20	-0.98	-0.23	0.02	0.03	-0.02	-0.74
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.02	0.18	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		424.56	0.39	-66.20	-9.00	41.03	-278.70	-33.89	-0.67	0.27	0.36	-0.36	0.02	-0.09	-0.05	-0.10	-0.57
FA1OBVOLTAGE_SIN		0.00	117.78	5.44	-45.58	-8.67	135.29	-8.94	0.36	-0.49	0.16	-0.38	-0.06	0.11	-0.10	-0.05	0.78
MRBLD1CB42P75_COS		-478.12	-1799.33	608.15	-232.22	-95.31	-77.78	150.92	-196.27	-44.29	-40.00	-63.01	-8.35	-38.57	-4.29	17.17	-16.06
MRBLD1CB42P75_SIN		0.00	1257.69	16.05	132.07	648.45	-387.60	77.54	-156.95	69.84	-35.75	-136.40	68.73	32.29	-4.62	22.95	13.82

RUN	POINT	Harmonics															
46	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4500.89	-1335.22	476.09	-353.32	148.78	31.08	374.20	-212.99	-68.72	-38.73	-41.69	-4.97	-14.15	-4.90	13.19	-2.34
MRBLD1CB70_SIN		0.00	990.02	-111.55	171.55	1089.52	-318.94	203.77	-121.28	95.74	-35.33	16.24	47.79	26.80	-3.89	8.25	10.27
MRBLD1CB120_COS		-247.09	-788.12	382.86	-204.42	330.08	20.88	519.19	-123.45	-21.80	9.44	22.59	0.41	27.28	3.24	5.80	-3.91
MRBLD1CB120_SIN		0.00	752.56	-123.09	193.15	942.75	-106.70	230.68	-122.26	-11.98	0.32	111.86	-25.63	3.36	-1.81	-0.68	-4.61
MRBLD1CB164_COS		-1969.99	-255.93	87.62	-24.44	186.64	16.22	190.91	13.37	4.56	13.42	26.07	6.10	2.97	5.87	-11.33	2.06
MRBLD1CB164_SIN		0.00	270.27	-34.10	101.49	353.73	68.98	107.35	-12.00	-54.06	13.22	23.71	-24.38	7.29	0.04	-0.79	-6.50
MRBLD1FB42P75_COS		2563.61	423.60	57.81	730.59	174.43	-667.39	121.26	-504.19	-100.71	-53.62	-159.41	37.70	-16.92	-5.23	64.07	-7.37
MRBLD1FB42P75_SIN		0.00	-263.38	360.28	778.39	-311.61	18.47	-121.17	-317.52	-89.60	-16.68	-181.27	33.34	8.80	-15.45	-35.76	33.09
MRBLD1FB70_COS		607.54	112.08	20.28	181.61	84.40	-172.47	43.55	-82.02	-5.74	0.02	-0.80	0.68	2.34	0.27	-13.41	3.43
MRBLD1FB70_SIN		0.00	-265.08	164.80	205.13	-50.69	-14.42	-22.63	-48.67	3.81	7.20	7.00	0.66	2.97	3.15	4.51	-7.37
MRBLD1FB87_COS		74.32	130.81	-42.57	89.77	46.95	-42.85	-15.53	48.68	14.77	14.14	40.68	-9.22	6.25	2.08	-14.28	0.16
MRBLD1FB87_SIN		0.00	-311.51	125.36	95.89	-29.36	24.82	-1.01	24.38	9.12	4.36	43.26	-9.65	-2.29	5.76	9.79	-4.37
MRBLD1FB120_COS		-294.00	155.46	-158.62	87.21	17.17	100.66	-89.07	107.42	0.04	-7.88	-17.74	-0.52	-8.82	-2.59	21.06	0.11
MRBLD1FB120_SIN		0.00	-411.51	120.12	140.81	30.93	99.60	27.91	74.60	-2.66	-8.58	-23.80	1.56	-4.95	-10.47	-14.03	6.50
MRBLD1FB164_COS		80.25	123.47	-67.81	130.07	-150.92	148.47	82.00	-132.72	2.74	8.69	26.97	-6.50	6.02	3.39	-16.89	-4.23
MRBLD1FB164_SIN		0.00	-499.52	145.24	328.12	255.96	-11.37	-81.35	-132.73	7.30	18.17	33.87	-7.10	-3.85	7.17	9.10	-5.03

RUN	POINT	Harmonics															
46	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-9.11	-22.18	-2.95	54.68	-96.60	20.34	101.45	-133.62	15.80	15.49	72.24	-19.01	-10.96	-5.69	22.94	-3.54
MRBLD1FB180_SIN		0.00	-348.84	102.22	188.07	170.06	-14.80	-81.75	-131.28	10.76	33.78	78.99	-28.02	-16.48	-14.46	-17.08	5.36
MRBLD1TOR51_COS		-1458.95	179.88	77.35	-2.05	-94.97	-160.36	-14.15	-75.98	-19.51	-23.01	7.41	4.73	-2.70	-1.59	7.20	0.71
MRBLD1TOR51_SIN		0.00	-128.58	134.55	170.51	3.97	-437.20	97.86	-79.62	26.32	-12.40	8.76	-2.36	-1.70	-5.96	-3.69	-8.75
MRBLD1TOR71_COS		-316.04	201.68	41.53	-4.23	-91.75	-124.55	-22.08	-51.30	-15.58	-19.34	11.72	0.69	-0.95	-0.51	1.43	-1.80
MRBLD1TOR71_SIN		0.00	-122.88	115.01	108.80	-15.98	-382.15	80.53	-49.38	25.25	-11.78	14.81	-0.62	-1.10	-3.39	-0.37	-7.94
MRBLD1TOR130_COS		-49.24	172.00	47.30	-17.53	-96.44	-113.41	-2.05	-49.40	-6.47	-14.99	11.28	-5.26	-1.77	-0.44	-6.83	-5.54
MRBLD1TOR130_SIN		0.00	-90.04	64.57	74.43	7.14	-313.19	43.55	-45.87	8.48	-15.26	-13.19	12.40	3.58	0.70	5.30	1.12
MRBLD1TOR164_COS		-266.74	89.59	44.91	-31.68	-28.04	-126.97	7.67	-26.98	0.21	-1.39	7.45	-9.19	1.31	2.19	-1.49	-5.14
MRBLD1TOR164_SIN		0.00	-24.69	18.17	-11.61	-14.28	-197.20	11.98	-9.35	0.63	-8.92	5.15	1.44	-1.82	-0.42	7.83	6.70
MRFBM1CB26P5_COS		-891.48	-1004.29	278.43	-37.13	-157.08	19.70	-56.82	2.16	7.76	2.83	-0.93	2.42	-2.26	0.61	3.94	-4.47
MRFBM1CB26P5_SIN		0.00	481.09	101.47	-64.32	-56.77	-73.56	-34.86	-12.00	-6.66	-1.20	-46.02	2.46	-2.51	-0.78	3.15	0.43
MRFBM1FB9_COS		636.21	-65.42	-194.40	-81.57	-17.65	62.81	-1.86	12.15	2.39	1.68	-1.69	1.38	1.10	-0.33	-1.13	0.92
MRFBM1FB9_SIN		0.00	-2.65	-171.06	-272.56	5.05	34.37	-10.72	34.13	4.88	2.87	6.44	-1.63	1.06	0.49	-1.68	0.24
MRFBM1TOR26P5_COS		-107.46	88.56	3.95	-1.03	-2.08	-1.42	-0.87	0.24	-0.15	0.33	-0.41	0.56	0.03	-0.03	0.20	0.26
MRFBM1TOR26P5_SIN		0.00	-261.62	2.05	1.54	-0.06	-7.13	3.11	-0.36	0.45	0.76	0.61	-0.55	-0.04	-0.01	-0.29	0.05

RUN	POINT	Harmonics															
46	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		174.40	-1377.44	489.29	-96.79	-127.74	-145.56	65.07	-135.11	2.55	-21.45	-54.68	-0.44	-21.86	-2.47	22.03	-16.71
MRPC1CB33P25_SIN		0.00	1101.78	9.24	86.22	242.85	-237.03	17.54	-121.05	2.49	-27.49	-130.25	39.40	22.85	-6.76	15.98	12.18
MRPC1FB33P25_COS		1806.40	342.69	-72.43	494.16	234.76	-540.01	151.47	-274.73	-33.40	-24.19	-7.73	6.07	-15.61	8.00	69.36	-33.76
MRPC1FB33P25_SIN		0.00	-20.93	275.28	762.73	-181.93	-164.32	-61.25	-461.40	-120.41	-48.97	-228.42	53.65	-7.03	-14.63	38.51	14.79
MRPC1TOR25P5_COS		-368.98	-101.24	-108.61	33.02	113.48	159.41	30.64	66.69	18.96	23.78	3.86	-13.59	-0.22	3.85	-11.51	-13.94
MRPC1TOR25P5_SIN		0.00	-121.65	-139.97	-164.04	18.04	471.67	-118.61	67.43	-32.41	-2.38	-29.49	24.15	6.35	6.66	18.20	9.79
MRPLK1LOAD_COS		4.12	-16.67	-13.78	2.40	13.65	24.39	2.63	9.22	3.42	2.25	2.27	-4.12	-0.05	0.96	-3.07	-3.30
MRPLK1LOAD_SIN		0.00	-10.29	-19.23	-26.18	2.73	67.20	-18.84	9.56	-4.98	-2.34	-4.57	4.55	0.89	1.19	3.41	0.62
PITCHRH_COS		8301.96	-9540.69	26.42	135.63	-108.88	-563.74	202.54	0.89	27.59	21.86	-240.96	1.52	-7.53	76.22	-1.95	-123.45
PITCHRH_SIN		0.00	2102.69	-1406.45	-191.09	85.38	-3940.12	-152.33	211.81	59.01	195.03	498.88	-133.36	46.19	17.74	-57.14	397.89
ROLLRH_COS		2574.52	-2074.09	1602.19	12.23	87.28	2403.14	67.45	-37.42	115.48	34.19	-140.26	71.55	-165.68	-48.35	144.93	94.72
ROLLRH_SIN		0.00	-9482.51	95.86	179.81	290.23	1884.16	-389.87	-52.10	101.72	6.70	311.95	-96.68	-16.52	1.87	-69.37	792.63
TORQ_COS		104671.92	547.10	-10.78	234.96	72.23	-120.90	-10.68	-6.03	-0.36	-13.56	51.61	-8.27	1.96	1.71	-10.39	2.79
TORQ_SIN		0.00	1098.22	-81.74	52.74	-314.43	716.16	-21.55	36.99	-1.52	-3.22	191.51	9.54	0.81	3.73	-9.55	-0.37
THRUST_COS		5715.02	-210.32	6.26	34.76	-19.02	261.11	-6.73	9.14	7.89	1.94	45.00	-9.67	-2.66	1.60	1.36	-11.35
THRUST_SIN		0.00	-191.46	-12.28	-38.22	44.36	198.66	5.36	-0.35	0.68	-10.24	25.98	9.44	9.46	2.12	6.63	-22.70

RUN	POINT	Harmonics															
46	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.40	60.68	-40.37	1.05	-29.32	-362.55	-1.32	-0.47	-4.69	1.24	-1.55	-2.76	4.42	1.50	-4.22	-4.60
SIDERH_SIN		0.00	229.94	-2.95	-0.51	-39.15	14.96	20.85	-1.49	-3.05	2.30	-15.24	0.72	-0.11	-0.38	1.43	-21.75
DRAGRH_COS		-97.79	234.08	21.72	0.77	11.61	726.42	29.38	-4.02	-2.60	-0.96	4.64	-3.16	0.31	-2.63	1.26	2.07
DRAGRH_SIN		0.00	-60.17	21.26	-4.16	1.35	-154.16	25.42	0.03	-4.05	-6.23	-3.35	6.96	0.57	0.00	2.12	-22.45

RUN	POINT	Harmonics															
46	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	1.45	0.00	0.09	-0.05	-0.02	0.01	0.02	0.00	0.01	-0.01	-0.09
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.04	0.00	-0.01	0.00	0.01	-0.01	-0.02	0.02
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.16	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-28.20	-1.74	-10.63	-1.70	5.60	7.90	-4.94	2.90	-0.97	-0.13	0.10	0.52	-0.21	0.33	-0.60	-2.77
ACT1FORCE_SIN		0.00	20.81	-0.56	-5.85	-2.10	15.44	-0.14	-0.27	0.74	-0.18	-0.58	-0.22	0.40	-0.04	-0.34	-0.24
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.02	0.00	-0.11	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.02	-0.15	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_COS		380.82	0.43	62.44	14.39	-31.52	216.42	33.15	0.24	0.42	-0.22	-0.90	0.00	0.05	-0.05	0.08	-0.38
FA1IBVOLTAGE_SIN		0.00	-118.31	-3.50	41.21	21.89	-220.49	-3.92	-1.16	0.27	0.35	-0.28	-0.30	0.11	0.07	-0.02	-1.02
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	-0.01	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.01	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_COS		425.09	-0.22	-63.10	-14.77	32.46	-215.97	-34.29	-0.42	0.10	0.28	-0.71	-0.02	0.00	-0.07	-0.11	0.47
FA1OBVOLTAGE_SIN		0.00	119.03	3.73	-41.92	-22.46	222.46	4.36	0.44	-0.38	-0.03	-0.18	-0.06	0.03	-0.04	-0.07	0.93
MRBLD1CB42P75_COS		-503.91	-1876.29	570.38	-221.85	67.11	-186.54	170.34	-237.00	-0.47	-95.86	-82.02	26.71	-21.38	-7.78	22.20	-9.20
MRBLD1CB42P75_SIN		0.00	1293.92	-11.18	171.93	606.23	-349.91	-10.22	-78.55	95.18	-0.62	-93.80	83.40	43.84	-3.98	6.40	22.43

RUN	POINT	Harmonics															
46	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4480.57	-1378.99	437.30	-340.97	406.17	-58.49	413.76	-249.58	-10.21	-89.02	-13.93	23.27	-2.06	-3.77	11.26	-5.14
MRBLD1CB70_SIN		0.00	1009.04	-140.50	223.90	989.37	-308.52	27.07	-36.77	126.22	7.07	17.13	58.19	28.40	-1.34	-2.19	18.90
MRBLD1CB120_COS		-252.47	-808.36	349.66	-178.04	504.60	-7.95	553.73	-153.02	-13.50	42.77	65.54	-16.06	23.36	2.76	4.93	-9.79
MRBLD1CB120_SIN		0.00	761.60	-153.74	232.08	812.48	-93.66	13.83	-62.08	-9.51	-5.85	85.30	-30.01	-11.54	1.31	-3.34	1.99
MRBLD1CB164_COS		-1971.58	-259.65	81.75	-9.42	240.09	39.22	214.31	13.63	-11.65	63.21	32.94	-16.62	7.00	1.32	-7.43	5.14
MRBLD1CB164_SIN		0.00	269.94	-41.72	113.16	281.52	63.54	31.66	-11.04	-63.09	-8.59	20.29	-32.70	3.20	-3.01	6.55	-13.73
MRBLD1FB42P75_COS		2567.67	432.19	67.89	834.30	-90.51	-684.76	28.48	-540.95	-114.47	-35.24	-146.11	47.94	-19.11	-4.05	29.90	22.75
MRBLD1FB42P75_SIN		0.00	-269.04	382.61	749.22	-396.90	220.02	-206.54	-147.73	-83.00	-46.53	-126.68	25.60	19.62	-14.29	-56.18	54.75
MRBLD1FB70_COS		609.20	110.47	28.14	212.90	22.61	-175.82	25.47	-88.30	-3.33	0.34	0.63	0.09	3.03	0.18	-7.64	-3.48
MRBLD1FB70_SIN		0.00	-265.29	173.26	205.55	-92.08	41.54	-45.32	-15.96	5.10	8.30	6.98	1.10	1.81	3.31	10.42	-12.17
MRBLD1FB87_COS		74.12	131.96	-30.94	101.63	18.86	-32.73	-11.85	51.71	15.56	11.54	37.70	-13.32	5.44	1.95	-6.58	-5.60
MRBLD1FB87_SIN		0.00	-316.19	135.79	99.22	-54.06	34.40	4.39	8.33	8.99	7.18	29.10	-7.02	-5.05	5.19	14.49	-7.76
MRBLD1FB120_COS		-298.82	162.61	-142.48	91.41	19.79	126.57	-66.48	116.07	-1.28	-8.61	-18.65	2.20	-8.98	-2.45	10.96	9.14
MRBLD1FB120_SIN		0.00	-423.57	143.39	142.05	23.49	53.03	60.44	29.67	-4.75	-9.54	-18.79	-1.06	-2.75	-10.73	-21.65	11.35
MRBLD1FB164_COS		76.83	132.76	-72.73	149.90	-41.52	148.80	52.86	-155.50	4.21	11.55	25.89	-9.12	3.94	3.74	-8.85	-7.92
MRBLD1FB164_SIN		0.00	-503.06	170.70	300.39	331.24	-54.71	-94.22	-72.31	7.51	19.78	24.38	-2.16	-5.72	4.99	14.11	-6.92

RUN	POINT	Harmonics															
46	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-10.54	-16.23	-11.37	68.58	-16.82	18.80	65.96	-154.48	16.92	18.07	63.79	-26.93	-11.72	-4.89	14.01	9.70
MRBLD1FB180_SIN		0.00	-350.19	116.28	167.12	222.32	-10.76	-110.25	-72.35	8.99	36.67	51.52	-26.71	-16.79	-15.40	-26.83	17.78
MRBLD1TOR51_COS		-1461.16	179.54	71.62	22.59	-90.68	-308.72	25.94	-93.52	-6.34	-29.13	5.86	4.96	1.16	0.78	5.05	-8.36
MRBLD1TOR51_SIN		0.00	-131.09	135.28	169.65	29.70	-355.23	92.42	-47.04	28.09	3.39	3.97	-6.21	-1.89	-3.35	-3.22	1.32
MRBLD1TOR71_COS		-317.08	201.85	38.58	14.18	-85.67	-255.01	12.33	-62.63	-5.31	-25.96	8.81	3.91	2.51	0.82	2.67	-9.06
MRBLD1TOR71_SIN		0.00	-125.64	116.01	106.72	14.67	-312.90	83.61	-27.26	27.02	4.02	7.90	-4.39	-1.26	-1.97	1.30	1.74
MRBLD1TOR130_COS		-50.25	172.03	44.54	-5.16	-77.70	-218.53	17.14	-58.52	-1.93	-20.40	4.64	2.90	-0.68	-2.28	-1.66	-2.50
MRBLD1TOR130_SIN		0.00	-91.96	64.48	69.85	42.51	-251.01	41.65	-24.35	9.01	-1.87	-12.95	11.90	3.60	0.19	5.99	2.06
MRBLD1TOR164_COS		-266.40	87.84	44.36	-27.21	-24.99	-191.13	13.23	-26.84	0.38	-6.38	6.03	-3.76	-0.15	0.35	4.30	3.48
MRBLD1TOR164_SIN		0.00	-24.57	13.17	-10.81	-6.96	-139.57	5.95	1.22	0.34	-2.81	2.04	3.55	-2.40	-2.20	4.21	4.75
MRFBM1CB26P5_COS		-902.17	-1057.64	264.13	-42.41	-158.27	-1.60	-61.33	1.52	3.59	4.58	-14.67	2.05	-3.39	0.17	5.07	-2.77
MRFBM1CB26P5_SIN		0.00	489.46	91.13	-63.32	-18.56	-80.57	-11.92	-12.56	-8.67	-5.70	-34.36	1.55	-1.00	-0.93	0.78	3.01
MRFBM1FB9_COS		627.53	-38.96	-188.33	-108.76	2.57	73.73	-6.77	20.60	1.78	1.92	-1.45	0.54	1.46	-0.61	-1.73	1.84
MRFBM1FB9_SIN		0.00	-21.20	-183.37	-274.58	24.37	18.32	-3.66	27.16	3.84	2.61	5.43	-2.27	0.72	0.37	-0.81	-0.59
MRFBM1TOR26P5_COS		-107.50	88.37	3.84	-0.66	-1.96	-3.74	0.32	0.16	-0.01	0.61	-0.09	0.02	0.01	0.04	-0.04	0.23
MRFBM1TOR26P5_SIN		0.00	-261.76	1.99	1.59	0.65	-6.26	3.34	-0.40	0.47	0.26	0.61	-0.61	-0.06	0.02	-0.26	-0.10

RUN	POINT	Harmonics															
46	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		156.55	-1437.18	458.93	-90.63	-76.93	-210.12	69.73	-159.11	15.77	-46.92	-71.99	18.81	-10.17	-6.83	23.98	-11.23
MRPC1CB33P25_SIN		0.00	1141.39	-10.82	107.95	226.68	-188.83	-28.83	-68.95	7.36	-8.97	-87.19	51.25	27.95	-4.22	0.25	22.15
MRPC1FB33P25_COS		1808.81	350.17	-69.42	581.82	43.11	-607.43	103.27	-369.13	-44.22	1.48	-29.37	21.24	-25.62	7.21	68.10	-36.25
MRPC1FB33P25_SIN		0.00	-26.20	291.68	758.52	-316.50	-9.15	-167.18	-342.24	-121.34	-60.57	-179.80	56.48	-0.42	-11.98	-4.37	53.13
MRPC1TOR25P5_COS		-366.66	-104.55	-102.83	8.44	109.41	320.57	-20.69	81.21	5.13	24.91	-1.61	-0.79	-4.32	-2.17	-0.45	-2.32
MRPC1TOR25P5_SIN		0.00	-117.45	-142.16	-161.44	-17.99	388.94	-118.78	38.45	-33.22	-10.97	-22.07	29.50	8.24	2.27	14.33	8.27
MRPLK1LOAD_COS		4.55	-17.11	-13.01	-1.02	13.56	47.06	-5.01	11.27	1.28	1.42	0.53	-0.30	-0.32	-0.09	-0.23	-2.01
MRPLK1LOAD_SIN		0.00	-9.63	-19.58	-25.71	-2.14	55.32	-18.69	5.64	-4.96	-2.04	-3.91	5.52	1.14	0.41	3.10	1.42
PITCHRH_COS		7838.54	-9484.90	19.86	111.39	-56.05	-2207.03	226.02	69.76	38.60	148.94	370.01	-100.31	9.59	82.71	-44.22	121.30
PITCHRH_SIN		0.00	2110.27	-1402.68	-187.09	94.87	-3819.66	-217.18	188.78	161.00	173.22	511.19	-29.66	18.97	-10.63	-37.23	237.35
ROLLRH_COS		2942.46	-2110.24	1554.64	-19.09	109.53	2732.31	-11.93	-46.67	288.33	17.48	172.80	-51.73	-134.73	24.51	26.13	372.07
ROLLRH_SIN		0.00	-9489.51	72.11	154.66	269.81	320.83	-355.88	-48.97	-25.50	41.23	525.43	-120.64	89.37	19.07	-124.28	324.22
TORQ_COS		104413.13	540.23	0.08	212.65	-17.98	118.84	-16.14	-4.49	5.76	-10.69	110.13	-4.75	3.51	1.05	-12.40	4.63
TORQ_SIN		0.00	1093.83	-88.14	32.41	-296.79	712.86	-11.82	40.94	-9.37	7.06	127.75	9.97	-0.51	1.95	-1.74	-1.48
THRUST_COS		5691.92	-210.92	5.72	27.26	-7.13	338.75	-5.63	5.11	7.54	-7.84	14.78	-0.47	4.62	0.54	6.32	-8.18
THRUST_SIN		0.00	-190.49	-14.06	-32.47	45.64	113.75	7.41	1.40	-5.48	-12.48	17.02	16.28	7.92	-0.81	4.62	-13.31

RUN	POINT	Harmonics															
46	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.56	66.14	-34.95	0.61	-31.68	-307.51	8.15	-1.13	-8.85	2.68	-8.42	-0.02	3.15	-0.91	-0.99	-10.52
SIDERH_SIN		0.00	231.17	-4.97	-2.12	-32.94	148.81	14.82	0.99	0.96	-0.66	-20.31	2.80	-3.06	-0.85	3.21	-7.60
DRAGRH_COS		-102.53	230.72	21.13	0.26	9.42	624.23	28.17	-0.63	-3.17	-5.83	-9.02	4.27	1.00	-2.91	2.49	-10.67
DRAGRH_SIN		0.00	-60.06	21.76	-5.98	2.05	-364.31	0.60	0.47	-4.26	-6.44	-8.10	5.37	2.33	1.91	0.83	-9.07

RUN	POINT	Harmonics															
46	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.01	1.43	0.00	0.09	-0.06	0.00	0.01	0.02	-0.01	0.01	0.02	-0.01
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.06	0.01	-0.01	-0.01	0.01	0.00	0.01	-0.02	-0.08
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	-0.16	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ACT1FORCE_COS		-28.14	-1.58	-11.02	-0.37	6.68	-0.83	-4.09	2.66	-1.24	-0.04	0.35	0.64	-0.33	0.30	0.35	0.32
ACT1FORCE_SIN		0.00	20.34	-0.45	-5.96	1.23	17.56	-2.84	1.60	0.12	-0.13	-0.68	0.19	-0.15	0.41	-0.62	-2.51
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.02	-0.01	-0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.02	-0.19	-0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.43	0.70	67.12	6.09	-41.57	297.29	30.79	0.91	0.11	-0.61	-0.14	0.34	0.03	-0.08	0.15	1.01
FA1IBVOLTAGE_SIN		0.00	-116.13	-5.64	43.21	1.29	-82.03	15.53	-0.81	0.64	0.04	-1.09	-0.13	0.07	-0.04	0.05	-0.30
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.02	0.18	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.48	-0.51	-67.79	-6.22	42.66	-297.85	-31.98	-0.69	0.31	0.32	-0.27	-0.03	-0.14	0.03	-0.08	-0.93
FA1OBVOLTAGE_SIN		0.00	116.86	5.80	-43.98	-1.37	84.00	-15.72	0.11	-0.40	0.26	-0.53	-0.05	0.01	-0.06	-0.08	0.37
MRBLD1CB42P75_COS		-496.74	-2030.18	588.44	-235.97	-144.46	-41.57	131.11	-174.26	-52.12	-8.56	-57.51	-19.24	-48.82	-0.64	9.83	-13.69
MRBLD1CB42P75_SIN		0.00	1072.12	12.03	112.28	659.95	-359.72	101.74	-187.85	65.39	-43.20	-135.49	56.68	29.94	-2.63	25.55	9.92

RUN	POINT	Harmonics															
46	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4498.57	-1481.24	462.36	-359.32	64.88	34.22	340.65	-194.06	-82.97	-9.76	-58.16	-13.64	-23.95	-3.31	10.12	2.95
MRBLD1CB70_SIN		0.00	852.31	-103.77	152.94	1119.51	-237.82	245.72	-158.74	88.63	-46.49	18.14	36.73	29.39	-6.79	11.92	7.21
MRBLD1CB120_COS		-243.00	-841.35	368.18	-211.33	276.88	-9.73	484.75	-105.82	-24.71	-4.47	5.68	8.30	26.97	1.12	3.72	-1.36
MRBLD1CB120_SIN		0.00	673.07	-108.91	183.02	982.63	-27.04	288.22	-161.23	-11.80	-2.03	112.40	-22.84	6.99	-3.48	-0.58	-5.13
MRBLD1CB164_COS		-1965.90	-267.81	82.04	-25.27	169.87	-17.18	180.41	15.31	8.81	-8.69	27.68	15.82	2.50	6.37	-10.73	-1.48
MRBLD1CB164_SIN		0.00	245.59	-29.15	102.47	375.59	107.98	128.11	-19.56	-50.88	14.41	23.42	-17.26	2.63	3.06	-5.64	-4.77
MRBLD1FB42P75_COS		2546.88	481.23	51.20	744.69	290.86	-632.50	125.93	-480.95	-74.76	-56.79	-135.12	35.41	-12.93	-2.56	61.85	-7.51
MRBLD1FB42P75_SIN		0.00	-233.27	351.87	797.87	-298.99	-92.27	-72.08	-405.10	-90.10	-3.98	-185.35	30.28	5.45	-12.50	-18.13	15.64
MRBLD1FB70_COS		603.78	109.06	16.87	188.49	112.97	-163.34	44.24	-78.20	-3.63	0.88	-1.01	0.68	2.06	0.42	-12.12	3.60
MRBLD1FB70_SIN		0.00	-262.49	156.79	210.76	-42.20	-40.54	-11.87	-65.52	2.99	6.05	6.62	0.28	2.79	2.52	1.16	-3.64
MRBLD1FB87_COS		74.09	126.95	-45.51	94.66	57.84	-45.38	-14.64	46.82	11.41	13.70	34.90	-8.47	5.36	0.88	-14.01	0.11
MRBLD1FB87_SIN		0.00	-304.43	117.60	101.55	-23.63	19.71	-4.17	32.97	8.95	2.91	44.56	-8.92	-1.55	5.31	5.99	-1.16
MRBLD1FB120_COS		-291.47	150.96	-154.82	96.56	12.90	85.03	-87.77	103.01	-1.86	-7.96	-14.98	-0.68	-7.56	-1.81	19.99	-0.24
MRBLD1FB120_SIN		0.00	-397.16	108.47	152.16	36.99	120.54	12.25	99.20	-1.46	-7.38	-24.19	0.88	-5.23	-10.11	-8.92	1.19
MRBLD1FB164_COS		75.79	119.86	-63.29	130.89	-195.67	143.11	88.76	-121.84	5.50	10.37	23.06	-5.69	6.49	1.68	-16.12	-3.64
MRBLD1FB164_SIN		0.00	-477.85	131.03	341.69	238.86	-0.75	-72.18	-167.72	6.63	16.41	35.03	-6.25	-2.87	7.73	5.63	-2.73

RUN	POINT	Harmonics															
46	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-13.37	-21.93	0.31	52.50	-128.59	21.34	110.53	-121.24	18.25	17.79	64.01	-17.32	-9.84	-5.87	19.67	-2.77
MRBLD1FB180_SIN		0.00	-335.88	94.24	195.65	158.42	-26.40	-67.28	-163.56	11.03	29.82	84.71	-25.65	-15.17	-12.98	-12.91	-4.21
MRBLD1TOR51_COS		-1460.86	172.14	72.92	-2.96	-91.69	-93.03	-40.01	-65.94	-21.88	-17.92	6.97	2.74	-3.71	-1.87	6.95	8.85
MRBLD1TOR51_SIN		0.00	-128.34	131.72	166.93	-13.09	-460.50	100.54	-91.84	23.32	-18.85	10.02	-1.02	-1.55	-6.43	-4.80	-8.92
MRBLD1TOR71_COS		-316.98	197.24	37.90	-5.10	-90.84	-65.47	-43.42	-44.68	-17.75	-14.67	11.02	-2.58	-1.82	-0.79	1.58	5.22
MRBLD1TOR71_SIN		0.00	-119.51	112.29	105.58	-33.42	-402.75	80.19	-57.07	21.50	-18.69	16.18	-0.19	-1.01	-3.63	-2.69	-8.54
MRBLD1TOR130_COS		-50.20	168.17	44.87	-19.83	-101.21	-65.76	-16.24	-43.34	-6.16	-10.85	12.71	-8.78	-2.11	0.16	-7.24	-6.71
MRBLD1TOR130_SIN		0.00	-87.67	63.82	70.63	-10.44	-332.36	45.17	-54.87	6.76	-21.10	-10.83	10.26	3.72	1.19	3.72	-0.14
MRBLD1TOR164_COS		-264.88	87.28	41.99	-33.58	-26.72	-95.08	1.49	-25.74	1.24	1.23	6.97	-10.53	0.99	2.56	-4.11	-9.79
MRBLD1TOR164_SIN		0.00	-25.90	20.07	-16.12	-21.46	-216.65	15.00	-13.17	0.26	-11.51	6.60	-0.45	-0.79	0.07	7.65	3.94
MRFBM1CB26P5_COS		-892.28	-1131.12	274.76	-34.65	-158.58	35.38	-54.39	2.97	8.57	1.72	5.96	2.18	-1.29	0.43	2.62	-4.29
MRFBM1CB26P5_SIN		0.00	362.53	100.45	-71.86	-67.39	-77.32	-39.70	-10.70	-5.61	0.77	-45.98	3.25	-3.20	0.15	3.07	-0.44
MRFBM1FB9_COS		597.40	61.54	-192.70	-82.79	-29.49	55.11	2.03	7.42	1.89	1.29	-1.61	1.45	0.92	-0.24	-0.64	0.32
MRFBM1FB9_SIN		0.00	13.96	-166.08	-278.23	-1.72	39.31	-12.16	37.17	4.32	2.57	5.70	-1.41	1.03	0.28	-1.69	0.37
MRFBM1TOR26P5_COS		-107.31	88.12	4.06	-1.09	-1.94	-0.41	-1.42	0.24	-0.19	0.17	-0.46	0.77	0.04	-0.05	0.23	0.23
MRFBM1TOR26P5_SIN		0.00	-261.23	1.94	1.41	-0.50	-7.28	3.03	-0.33	0.46	0.96	0.48	-0.40	-0.07	-0.04	-0.21	0.10

RUN	POINT	Harmonics															
46	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		155.38	-1566.03	464.56	-103.94	-138.86	-118.47	57.70	-119.01	4.51	-6.75	-45.92	-5.13	-29.04	0.85	15.50	-13.65
MRPC1CB33P25_SIN		0.00	972.22	1.81	69.85	246.71	-242.80	35.35	-142.81	5.01	-31.55	-129.74	32.00	22.72	-4.77	20.06	8.19
MRPC1FB33P25_COS		1791.18	391.14	-77.33	502.48	326.62	-482.95	139.39	-222.84	-14.36	-32.45	10.91	5.11	-11.32	7.93	51.83	-19.54
MRPC1FB33P25_SIN		0.00	5.54	269.73	780.67	-144.59	-241.09	-18.09	-522.40	-109.02	-40.76	-216.98	49.34	-5.95	-11.23	47.17	4.30
MRPC1TOR25P5_COS		-367.95	-96.87	-104.01	34.34	110.70	87.06	60.07	58.71	22.01	20.78	5.51	-16.32	0.27	4.19	-13.80	-20.90
MRPC1TOR25P5_SIN		0.00	-123.78	-136.78	-159.83	39.29	495.79	-119.40	77.53	-29.90	1.99	-28.09	18.96	6.60	8.15	16.98	7.12
MRPLK1LOAD_COS		4.42	-16.20	-13.01	2.51	12.88	14.16	7.04	8.16	3.86	2.39	2.59	-5.36	-0.12	1.04	-3.39	-3.81
MRPLK1LOAD_SIN		0.00	-10.98	-18.77	-25.58	5.57	70.64	-19.06	10.98	-4.72	-2.38	-3.97	3.26	1.06	1.48	2.72	0.05
PITCHRH_COS		6352.53	-9515.78	30.72	154.66	-89.37	150.66	391.23	-30.10	78.01	-41.01	-422.13	62.69	-37.98	26.13	16.18	-215.27
PITCHRH_SIN		0.00	2088.92	-1373.05	-213.39	42.10	-4061.49	-215.79	241.63	166.42	194.49	395.66	-136.78	61.34	25.25	-33.48	337.65
ROLLRH_COS		2175.01	-2105.29	1620.69	7.52	49.90	2305.59	2.61	-70.15	-60.38	19.11	-238.96	104.99	-164.66	-75.85	200.10	-127.46
ROLLRH_SIN		0.00	-9494.59	84.73	195.30	286.06	2576.14	-307.27	-56.69	180.94	-1.75	157.41	-94.45	-32.74	-4.17	-12.60	797.06
TORQ_COS		104423.43	518.15	-12.23	234.74	74.67	-225.55	-3.14	-15.19	-0.52	-15.41	19.69	-10.53	-0.23	2.27	-8.96	2.23
TORQ_SIN		0.00	1113.08	-75.00	71.43	-317.83	679.56	-17.51	31.28	1.44	-7.01	199.47	7.59	0.06	3.71	-10.33	2.45
THRUST_COS		5613.16	-208.50	6.37	35.98	-22.31	218.75	-5.55	8.27	5.40	2.75	47.41	-13.30	-2.43	4.04	-0.03	-8.48
THRUST_SIN		0.00	-196.05	-10.23	-34.94	43.37	234.08	-0.73	1.72	-0.21	-9.08	29.00	5.07	8.43	2.63	4.25	-24.19

RUN	POINT	Harmonics															
46	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-156.88	65.25	-42.65	1.29	-22.34	-379.37	-1.73	0.46	-0.35	1.17	1.25	-3.37	4.66	2.52	-5.48	1.46
SIDERH_SIN		0.00	231.76	-4.49	-7.14	-44.05	-33.28	6.11	0.87	-4.95	3.84	-10.76	0.78	0.75	0.31	0.22	-22.46
DRAGRH_COS		-114.55	232.70	18.97	0.43	6.16	740.68	-5.51	1.41	-3.00	0.47	10.20	-4.39	1.99	-1.35	0.73	8.70
DRAGRH_SIN		0.00	-62.12	18.53	-4.21	1.12	-65.31	22.06	0.34	-5.58	-5.22	3.43	5.90	-0.05	-0.23	1.45	-21.46

RUN	POINT	Harmonics															
54	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.68	0.00	0.76	0.00	-0.02	-0.03	-0.03	0.00	-0.01	0.00	0.03	0.02	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.10	0.00	0.23	0.00	0.02	0.01	-0.01	-0.02	-0.01	0.02	0.05	-0.01	-0.02
ACT1DISP_COS		2.65	0.00	0.00	0.08	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ACT1FORCE_COS		-20.53	-1.19	-11.53	-3.23	5.30	-3.21	-2.61	0.75	-0.36	-0.64	0.31	0.06	-0.01	0.42	0.57	0.09
ACT1FORCE_SIN		0.00	20.54	1.51	-8.40	0.53	12.11	-2.36	0.12	0.33	-0.34	-0.72	-0.40	0.57	1.82	-0.20	-0.81
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.05	0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.31	-18.56	73.30	-107.33	-31.62	189.58	19.49	0.37	0.34	-0.52	-0.28	0.13	0.02	-0.26	-0.05	0.18
FA1IBVOLTAGE_SIN		0.00	-125.32	-20.69	56.31	5.40	-76.69	14.72	-0.80	0.61	0.02	-0.44	-0.18	-0.15	0.22	0.20	-0.16
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.04	-0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		410.65	18.68	-73.92	107.45	32.48	-189.93	-20.26	-0.33	0.09	0.35	-0.01	0.02	-0.07	0.20	0.05	-0.13
FA1OBVOLTAGE_SIN		0.00	125.88	21.01	-56.96	-5.45	77.53	-14.92	0.29	0.04	0.18	-0.13	0.08	0.24	-0.26	-0.24	0.15
MRBLD1CB42P75_COS		-696.39	-2098.41	618.41	-185.09	-173.56	-47.62	46.88	-111.94	-49.27	20.03	-40.99	31.85	-25.55	-8.49	13.24	3.65
MRBLD1CB42P75_SIN		0.00	1634.49	21.98	89.69	594.18	-298.18	55.72	-74.30	2.29	-7.61	-105.04	61.37	29.05	-11.52	5.99	21.66

RUN	POINT	Harmonics															
54	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4475.65	-1559.19	477.84	-319.50	-75.57	-5.24	224.77	-116.01	-61.60	26.76	-30.90	26.88	-8.27	-3.11	9.86	8.77
MRBLD1CB70_SIN		0.00	1209.61	-66.39	103.14	1014.90	-198.49	233.16	-43.75	16.26	-7.87	1.38	44.50	24.71	-6.29	-2.84	14.84
MRBLD1CB120_COS		-283.49	-874.06	374.07	-192.30	124.28	-26.26	328.93	-70.40	0.31	-25.53	3.95	-20.57	17.64	6.99	-1.54	-2.73
MRBLD1CB120_SIN		0.00	811.67	-82.92	127.19	934.64	-8.28	341.14	-53.14	-22.87	-3.71	64.83	-17.93	-0.93	3.03	-0.47	-1.96
MRBLD1CB164_COS		-1980.41	-276.01	86.47	-52.27	96.85	-32.69	119.16	13.32	20.36	-38.59	12.66	-15.11	6.27	1.52	-7.24	-2.73
MRBLD1CB164_SIN		0.00	285.33	-13.05	72.17	362.10	86.04	166.82	-10.97	-25.72	-5.69	5.84	-18.68	-3.82	5.31	3.11	-7.29
MRBLD1FB42P75_COS		2468.19	488.10	88.08	582.27	401.54	-369.62	31.77	-360.59	-52.91	-86.22	-151.65	40.79	-17.90	-18.14	32.06	24.96
MRBLD1FB42P75_SIN		0.00	-356.09	271.42	741.55	-123.89	-8.52	-21.13	-122.45	-55.92	10.63	-148.51	27.37	23.94	-19.14	-31.84	18.78
MRBLD1FB70_COS		613.58	106.75	25.68	134.63	131.36	-98.57	18.36	-52.46	-1.28	2.40	0.12	1.65	3.28	2.90	-5.78	-3.81
MRBLD1FB70_SIN		0.00	-256.00	133.26	190.49	3.69	-20.34	-0.13	-17.57	2.17	6.65	5.00	-0.45	0.96	4.69	4.01	-3.48
MRBLD1FB87_COS		80.21	125.63	-42.21	54.27	61.85	-33.07	-10.36	34.16	9.52	17.37	36.34	-11.13	5.57	5.31	-6.91	-5.73
MRBLD1FB87_SIN		0.00	-302.55	106.69	92.67	-8.11	15.85	-1.83	8.73	5.96	0.31	36.31	-6.52	-5.28	6.22	9.70	-1.82
MRBLD1FB120_COS		-283.85	151.29	-152.09	32.17	1.23	39.43	-54.74	68.58	-4.90	-9.99	-14.81	0.46	-9.88	-7.46	9.23	8.63
MRBLD1FB120_SIN		0.00	-401.88	110.92	153.09	10.58	90.97	6.33	29.86	1.42	-9.33	-18.29	0.44	-1.08	-12.71	-14.78	1.89
MRBLD1FB164_COS		77.91	118.40	-52.46	150.85	-195.02	105.66	68.38	-77.34	7.28	12.57	24.06	-8.21	6.42	5.36	-9.95	-7.80
MRBLD1FB164_SIN		0.00	-503.40	81.02	343.75	161.15	-12.98	-48.11	-60.06	6.58	14.68	29.46	-6.01	-5.74	7.58	9.28	-2.75

RUN	POINT	Harmonics															
54	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-11.71	-23.55	8.55	100.84	-124.52	35.76	70.33	-74.74	16.20	22.43	64.77	-28.24	-11.27	-8.06	9.09	10.62
MRBLD1FB180_SIN		0.00	-353.53	51.27	193.82	112.56	-29.46	-39.08	-64.23	12.23	21.03	67.33	-20.81	-16.55	-14.19	-17.23	-1.07
MRBLD1TOR51_COS		-1487.55	160.70	112.24	94.99	-106.82	-17.67	-28.17	-67.14	-11.36	-14.03	4.80	0.26	2.09	0.38	6.60	1.45
MRBLD1TOR51_SIN		0.00	-148.17	78.00	199.93	32.91	-247.65	27.36	-28.83	15.97	-5.41	8.18	-5.19	-3.75	1.44	-4.80	0.94
MRBLD1TOR71_COS		-331.85	187.63	71.49	91.17	-103.34	-2.55	-25.00	-46.70	-8.54	-11.26	7.15	-3.51	4.26	2.04	0.88	2.24
MRBLD1TOR71_SIN		0.00	-144.34	62.57	142.07	5.36	-215.97	17.26	-13.85	16.96	-5.12	14.56	-2.68	-3.81	1.83	-1.78	-0.33
MRBLD1TOR130_COS		-76.47	159.17	73.00	84.60	-109.24	-9.00	-5.39	-41.04	-2.26	-9.71	5.40	-3.17	0.27	1.54	-7.79	0.18
MRBLD1TOR130_SIN		0.00	-113.40	14.81	109.35	15.85	-184.09	4.69	-16.13	6.65	-7.68	-9.10	13.48	1.53	-0.87	3.84	-1.06
MRBLD1TOR164_COS		-284.60	79.36	57.89	44.90	-32.54	-41.87	1.80	-20.13	0.27	2.43	4.07	-6.23	-0.47	2.53	-4.67	-0.26
MRBLD1TOR164_SIN		0.00	-43.29	-8.90	11.44	7.09	-121.79	-2.05	-1.23	1.91	-4.49	5.78	4.52	-3.06	-6.46	3.92	-0.02
MRFBM1CB26P5_COS		-891.35	-1274.19	289.51	-2.84	-129.47	26.99	-41.39	-1.09	4.04	-2.38	-0.37	1.29	-2.48	-0.31	2.30	-1.00
MRFBM1CB26P5_SIN		0.00	683.07	101.70	-52.60	-81.52	-61.29	-51.39	-13.61	-4.30	-0.36	-32.84	1.51	-1.76	-2.47	1.18	1.69
MRFBM1FB9_COS		598.79	96.65	-220.66	-50.43	-31.71	40.04	11.18	12.43	1.50	1.57	-1.24	0.49	1.71	-0.22	-1.12	0.86
MRFBM1FB9_SIN		0.00	-170.37	-112.83	-248.28	-22.76	20.15	-6.69	19.46	3.59	1.86	5.94	-2.08	0.66	0.95	-1.01	-0.83
MRFBM1TOR26P5_COS		-106.93	76.89	4.20	-0.59	-3.27	0.84	-1.45	-0.11	-0.03	0.22	-0.10	0.37	0.00	-0.09	0.29	-0.02
MRFBM1TOR26P5_SIN		0.00	-264.76	1.22	1.60	0.26	-3.60	1.12	0.10	0.21	0.45	0.38	-0.67	0.00	0.15	-0.18	0.06

RUN	POINT	Harmonics															
54	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		154.43	-1553.06	494.73	-65.50	-91.65	-95.36	-21.18	-76.15	-9.86	-3.66	-40.01	22.24	-16.84	-4.27	14.94	5.67
MRPC1CB33P25_SIN		0.00	1441.72	-3.34	61.09	233.05	-204.32	13.50	-59.59	-24.80	-14.04	-102.75	33.75	21.10	-10.77	2.63	19.74
MRPC1FB33P25_COS		1782.83	408.69	-36.00	374.41	373.33	-296.52	41.57	-239.61	-14.28	-62.65	-21.08	14.08	-27.66	2.78	43.73	-1.92
MRPC1FB33P25_SIN		0.00	-98.20	216.65	705.77	16.61	-106.19	-5.87	-252.48	-79.11	-42.53	-200.10	49.30	3.22	-27.37	11.38	33.90
MRPC1TOR25P5_COS		-338.74	-101.05	-142.33	-75.48	121.94	13.18	42.06	61.34	11.57	16.72	0.09	-2.61	-3.33	2.39	-14.36	0.04
MRPC1TOR25P5_SIN		0.00	-101.36	-77.47	-199.23	-11.23	261.44	-33.39	20.12	-21.51	-5.29	-21.17	26.09	7.29	-5.86	12.08	0.46
MRPLK1LOAD_COS		0.33	-17.48	-18.59	-11.67	15.42	2.82	4.92	9.05	2.19	1.69	0.88	-2.07	-0.18	1.08	-3.97	0.34
MRPLK1LOAD_SIN		0.00	-7.12	-11.39	-30.86	-1.16	37.20	-5.86	2.48	-3.19	-1.79	-3.15	5.24	0.76	-1.16	2.28	-0.33
PITCHRH_COS		6732.28	-9236.78	128.46	111.48	28.25	-5.63	319.50	-46.72	-203.57	-61.78	-257.26	201.07	28.59	-61.39	1.99	103.32
PITCHRH_SIN		0.00	2018.53	-1201.22	-97.08	77.16	-3823.95	-27.98	150.03	108.57	-51.44	22.52	-216.32	47.52	-14.61	-17.20	257.08
ROLLRH_COS		5658.65	-2126.22	1212.65	-10.86	103.88	1281.19	77.46	-73.17	-213.75	104.97	133.02	216.86	-179.33	-148.84	106.15	12.37
ROLLRH_SIN		0.00	-9235.34	76.83	114.36	306.09	3349.43	-246.10	-21.63	131.59	-194.09	119.00	-9.55	-81.93	45.81	156.95	513.57
TORQ_COS		105442.56	469.72	-6.22	171.38	21.56	-196.24	1.82	-14.17	13.18	-4.49	34.92	-1.34	-3.36	-0.60	1.45	0.69
TORQ_SIN		0.00	1023.76	-75.83	39.45	-264.89	589.67	-19.25	56.05	11.00	-11.35	151.08	7.90	-3.20	9.43	-8.95	4.52
THRUST_COS		5649.29	-138.01	12.93	29.29	-9.48	112.14	0.36	1.74	2.09	2.19	35.15	8.11	4.55	8.07	-6.78	23.50
THRUST_SIN		0.00	-157.95	-18.21	-26.43	36.02	129.83	2.17	10.28	13.11	9.61	41.46	11.53	20.49	7.06	8.46	-21.06

RUN	POINT	Harmonics															
54	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-130.49	64.56	-28.51	-0.22	-26.09	-363.41	-0.78	0.86	1.71	-3.83	-14.53	-5.49	4.18	4.46	-3.36	-0.93
SIDERH_SIN		0.00	230.45	-1.34	-4.26	-53.77	-139.26	4.07	-3.26	-5.59	10.91	-8.45	-2.21	1.92	-1.77	-5.60	-14.02
DRAGRH_COS		-125.15	237.11	17.29	2.66	3.83	811.14	-9.05	-3.99	7.38	4.53	-2.44	-9.56	-0.43	3.26	0.74	-2.30
DRAGRH_SIN		0.00	-56.80	23.27	0.10	-1.92	110.60	22.82	7.14	-10.41	10.28	9.81	7.61	2.70	0.08	1.65	-14.49

RUN	POINT	Harmonics															
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.05	0.00	0.00	-0.68	0.00	0.75	0.00	-0.02	-0.03	-0.02	0.01	0.00	-0.01	0.02	0.02	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.12	0.00	0.27	0.00	0.01	0.01	-0.01	-0.02	-0.01	0.02	0.06	-0.01	-0.02
ACT1DISP_COS		2.65	0.00	0.00	0.08	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.01	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ACT1FORCE_COS		-24.34	-1.16	-11.38	-3.01	5.49	-4.17	-2.39	0.76	-0.37	-0.65	0.46	0.21	-0.17	0.17	0.55	0.17
ACT1FORCE_SIN		0.00	20.65	1.40	-8.84	0.96	11.93	-2.70	0.17	0.39	-0.38	-0.71	-0.33	0.49	1.84	-0.12	-0.74
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.01	-0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.05	0.01	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.04	-18.89	71.43	-108.10	-33.28	196.02	18.29	0.43	0.22	-0.33	-0.14	0.26	0.08	-0.49	-0.03	0.34
FA1IBVOLTAGE_SIN		0.00	-124.29	-20.65	54.51	3.17	-67.62	17.85	-0.61	0.54	-0.08	-0.40	-0.19	-0.13	0.21	0.09	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.04	-0.01	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.92	19.01	-72.05	108.24	34.17	-196.40	-19.06	-0.38	0.16	0.13	-0.12	-0.08	-0.13	0.43	0.05	-0.28
FA1OBVOLTAGE_SIN		0.00	124.85	20.95	-55.16	-3.19	68.45	-18.08	0.08	0.16	0.26	-0.21	0.11	0.22	-0.25	-0.12	0.10
MRBLD1CB42P75_COS		-698.34	-1889.04	630.75	-180.72	-225.76	-29.69	45.72	-118.19	-41.58	29.16	-35.20	20.89	-28.03	-7.15	12.15	0.43
MRBLD1CB42P75_SIN		0.00	1613.53	28.41	86.18	578.38	-307.15	67.23	-96.32	-0.02	2.15	-121.38	44.43	22.40	-8.96	11.88	22.27

RUN	POINT	Harmonics															
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4479.62	-1420.43	493.85	-317.60	-145.38	0.23	201.09	-122.75	-58.55	37.84	-41.62	15.78	-10.91	-4.97	7.57	12.45
MRBLD1CB70_SIN		0.00	1210.79	-63.01	94.43	1010.58	-235.43	266.50	-58.81	10.95	1.35	-7.24	31.12	20.43	-4.29	1.34	17.08
MRBLD1CB120_COS		-274.95	-820.20	386.77	-191.89	68.89	-32.70	287.58	-76.82	-4.95	-28.83	3.48	-15.97	17.70	6.35	-0.15	-0.06
MRBLD1CB120_SIN		0.00	825.29	-79.73	126.71	948.32	-57.53	377.69	-57.08	-24.74	-10.74	73.98	-11.42	3.50	2.60	-2.70	-1.76
MRBLD1CB164_COS		-1977.78	-265.31	86.40	-54.61	84.17	-40.65	100.70	13.90	12.39	-47.61	23.94	-9.39	5.69	4.24	-5.38	-7.55
MRBLD1CB164_SIN		0.00	287.69	-12.50	76.45	371.51	62.51	180.92	-5.62	-27.26	-15.13	14.46	-8.19	-0.44	4.58	2.33	-9.20
MRBLD1FB42P75_COS		2500.76	436.62	70.19	548.72	417.45	-363.57	33.03	-393.77	-45.05	-97.31	-127.79	35.54	-16.67	-13.90	36.40	24.36
MRBLD1FB42P75_SIN		0.00	-344.63	261.73	781.91	-85.36	-17.67	-24.83	-163.97	-55.33	8.06	-180.13	30.94	17.72	-19.93	-26.15	15.94
MRBLD1FB70_COS		617.24	106.26	20.53	124.57	132.10	-96.85	17.10	-58.56	-0.97	1.68	-1.16	1.38	2.82	2.38	-6.63	-3.82
MRBLD1FB70_SIN		0.00	-254.92	129.81	200.91	15.46	-24.12	0.71	-23.99	2.48	6.98	5.06	-0.34	0.97	4.32	2.58	-3.42
MRBLD1FB87_COS		75.94	124.21	-44.19	48.26	63.74	-34.63	-11.19	37.46	8.50	19.18	31.23	-8.90	5.67	4.27	-8.11	-5.71
MRBLD1FB87_SIN		0.00	-304.90	104.02	97.73	-2.87	14.06	-3.21	12.37	5.77	0.59	43.48	-7.20	-3.64	6.48	8.34	-0.92
MRBLD1FB120_COS		-291.03	149.57	-153.55	22.67	5.38	31.15	-53.68	77.17	-5.42	-9.22	-12.61	-0.27	-9.62	-6.04	11.34	8.57
MRBLD1FB120_SIN		0.00	-411.38	108.13	154.67	9.50	91.50	2.25	38.05	0.61	-10.05	-20.84	0.62	-2.68	-12.68	-13.02	1.17
MRBLD1FB164_COS		74.52	117.62	-54.13	133.82	-202.91	103.71	71.79	-88.93	6.51	11.56	20.44	-6.14	7.14	4.53	-11.45	-7.46
MRBLD1FB164_SIN		0.00	-509.49	80.45	345.76	147.04	-7.33	-47.33	-70.54	7.46	15.55	33.33	-6.93	-4.35	8.07	7.81	-2.57

RUN	POINT	Harmonics															
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-8.63	-24.83	8.68	92.90	-132.78	39.33	72.29	-83.82	14.21	23.64	57.21	-21.54	-10.18	-7.70	11.33	11.39
MRBLD1FB180_SIN		0.00	-358.86	52.44	195.19	102.07	-26.09	-36.26	-75.59	12.97	22.34	81.29	-21.60	-14.68	-13.36	-14.61	-1.56
MRBLD1TOR51_COS		-1484.52	164.05	111.34	83.92	-109.24	3.24	-37.24	-73.55	-12.15	-10.15	4.64	0.39	1.26	-0.45	6.64	4.15
MRBLD1TOR51_SIN		0.00	-147.71	79.02	209.74	25.05	-251.82	26.77	-37.12	15.70	-9.59	10.24	-4.21	-3.07	0.87	-3.83	0.79
MRBLD1TOR71_COS		-331.02	188.03	70.69	82.39	-103.51	16.09	-33.47	-52.02	-9.22	-6.36	6.01	-4.08	3.12	0.84	1.19	3.37
MRBLD1TOR71_SIN		0.00	-144.18	63.24	150.23	-2.78	-217.90	16.51	-19.10	16.35	-9.14	17.47	-4.65	-2.60	2.16	-1.73	0.52
MRBLD1TOR130_COS		-74.97	160.42	73.08	78.09	-110.20	6.11	-12.36	-45.64	-1.60	-5.29	7.42	-6.03	-0.47	1.00	-7.33	-1.89
MRBLD1TOR130_SIN		0.00	-113.81	15.49	115.97	7.42	-185.23	5.21	-21.35	6.57	-10.80	-7.79	6.58	2.52	0.99	3.21	0.29
MRBLD1TOR164_COS		-285.79	81.04	59.07	43.60	-32.47	-32.50	-2.01	-21.70	0.89	6.24	2.71	-7.53	-0.48	2.67	-4.90	-2.36
MRBLD1TOR164_SIN		0.00	-42.46	-8.19	14.80	4.41	-122.99	-1.74	-3.27	1.61	-4.87	7.29	-0.62	-2.27	-4.51	3.67	0.23
MRFBM1CB26P5_COS		-880.53	-1140.61	287.64	0.72	-128.87	31.69	-35.82	0.30	5.16	-3.63	5.79	1.54	-2.04	0.56	2.49	-2.38
MRFBM1CB26P5_SIN		0.00	690.74	105.73	-53.55	-97.47	-51.57	-55.31	-15.52	-3.47	-0.88	-34.33	2.28	-1.84	-2.16	1.51	1.15
MRFBM1FB9_COS		635.63	-17.61	-211.43	-36.27	-29.68	38.67	11.67	12.05	1.26	1.52	-2.10	0.64	1.36	-0.30	-0.86	0.65
MRFBM1FB9_SIN		0.00	-148.91	-111.30	-255.05	-26.11	23.32	-5.20	22.74	3.55	1.89	6.01	-1.70	0.75	0.80	-1.10	-0.87
MRFBM1TOR26P5_COS		-104.36	82.31	4.07	-0.57	-3.56	1.05	-1.18	-0.16	-0.15	-0.05	-0.16	0.52	0.02	-0.07	0.28	0.05
MRFBM1TOR26P5_SIN		0.00	-260.36	1.43	1.70	0.03	-4.04	0.99	0.11	0.25	0.52	0.31	-0.21	-0.05	0.05	-0.15	-0.01

RUN	POINT	Harmonics															
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		219.29	-1394.81	506.36	-57.21	-121.09	-78.31	-17.89	-82.86	-2.63	0.98	-28.15	16.91	-18.46	-3.81	14.60	0.69
MRPC1CB33P25_SIN		0.00	1405.13	0.51	60.44	223.67	-204.38	13.00	-74.63	-24.95	-10.75	-115.01	24.06	15.62	-10.11	6.93	21.04
MRPC1FB33P25_COS		1797.73	362.63	-48.53	341.35	375.44	-289.32	44.51	-248.53	-7.24	-68.67	14.98	7.04	-22.93	5.88	40.87	-0.39
MRPC1FB33P25_SIN		0.00	-88.93	204.17	733.42	53.01	-111.89	-6.70	-297.60	-75.08	-49.34	-208.59	47.43	-0.53	-24.57	18.88	33.04
MRPC1TOR25P5_COS		-338.02	-94.11	-141.71	-64.98	124.63	-8.50	51.36	68.48	12.59	16.87	1.56	-7.26	-2.97	2.73	-14.39	-5.84
MRPC1TOR25P5_SIN		0.00	-94.45	-78.62	-208.37	-2.50	266.89	-31.96	26.19	-21.13	-0.32	-24.36	16.20	7.96	-2.28	12.20	3.24
MRPLK1LOAD_COS		-0.20	-16.26	-18.48	-10.12	15.79	-0.20	5.69	10.02	2.72	2.54	1.18	-3.19	-0.34	0.90	-3.82	-0.90
MRPLK1LOAD_SIN		0.00	-6.24	-11.64	-32.19	0.07	38.36	-5.77	3.33	-3.20	-1.42	-2.96	2.17	0.95	-0.11	1.92	0.58
PITCHRH_COS		8364.61	-9278.10	50.81	143.70	-29.50	365.29	313.43	-54.84	-123.91	-28.26	-257.59	185.75	2.98	-39.17	-55.39	-36.76
PITCHRH_SIN		0.00	1841.03	-1231.82	-94.40	55.91	-4138.81	63.73	155.75	14.40	39.68	-52.48	-103.87	8.13	16.48	-4.63	302.01
ROLLRH_COS		5393.85	-1903.78	1269.67	-34.77	23.32	1139.64	62.56	-29.55	-104.65	27.79	125.69	173.00	-139.22	-156.07	99.78	-33.05
ROLLRH_SIN		0.00	-9300.15	54.23	110.28	251.49	3481.94	-313.65	-17.95	-21.04	-93.79	-28.88	57.93	-103.90	37.87	134.03	613.74
TORQ_COS		106358.95	401.50	-15.57	165.41	65.76	-222.91	10.69	-16.08	-0.02	-4.47	5.28	-2.56	0.62	-1.58	-4.58	-2.26
TORQ_SIN		0.00	1020.29	-84.93	51.84	-238.10	543.71	-11.29	53.05	9.12	-9.35	143.62	5.70	-1.58	7.50	-1.03	2.17
THRUST_COS		5766.90	-118.74	12.26	29.81	-8.26	95.69	-3.62	1.58	-0.23	1.20	34.10	3.58	-2.32	2.90	-4.67	7.32
THRUST_SIN		0.00	-184.19	-15.81	-25.23	30.79	146.61	3.93	8.56	9.57	3.13	50.40	5.37	12.86	7.21	4.79	-14.49

RUN	POINT	Harmonics															
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.83	64.48	-31.37	3.82	-9.05	-360.05	-1.49	1.46	0.98	-0.69	-13.14	-4.18	3.14	4.60	-3.01	-0.42
SIDERH_SIN		0.00	234.30	-2.91	-5.56	-33.81	-165.76	8.64	-3.43	-1.74	6.94	-6.46	-3.16	2.53	-1.33	-4.45	-17.27
DRAGRH_COS		-93.80	237.83	21.25	2.02	9.12	818.78	1.86	-4.24	2.47	-0.51	-8.97	-8.65	-1.34	1.44	3.93	4.28
DRAGRH_SIN		0.00	-58.83	21.11	0.60	-1.28	210.86	20.28	2.26	-3.57	1.77	12.72	2.17	3.20	-0.56	0.45	-15.70

RUN	POINT	Harmonics															
54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-1.08	0.00	0.88	0.00	0.01	-0.04	-0.02	0.00	-0.01	-0.01	0.03	0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.01	0.00	0.46	-0.01	-0.01	0.01	-0.03	-0.02	-0.02	0.02	0.08	0.00	-0.01
ACT1DISP_COS		2.65	0.00	0.00	0.12	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
ACT1FORCE_COS		-25.15	-1.59	-11.57	-5.03	7.34	-4.71	-2.99	1.68	-0.40	-0.75	0.41	-0.03	-0.20	0.14	0.51	0.12
ACT1FORCE_SIN		0.00	20.71	2.41	-10.59	0.25	13.76	-4.08	0.24	0.78	-0.47	-0.84	-0.33	0.69	2.36	0.02	-0.28
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.03	0.00	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	0.02	-0.13	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		390.75	-20.24	66.91	-155.40	-45.34	222.35	22.72	1.12	0.35	-0.52	0.10	0.59	-0.22	-0.68	-0.01	0.16
FA1IBVOLTAGE_SIN		0.00	-115.15	-29.64	102.16	10.88	-45.86	27.26	-0.83	1.24	-0.11	-0.77	0.00	-0.06	-0.04	0.16	0.20
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.03	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	-0.02	0.13	0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.54	20.34	-68.15	155.67	46.69	-222.97	-23.95	-0.77	0.18	0.04	-0.02	-0.17	-0.01	0.59	0.12	-0.13
FA1OBVOLTAGE_SIN		0.00	116.10	29.96	-103.56	-10.68	47.49	-28.06	0.10	0.24	0.41	-0.26	0.06	0.19	-0.14	-0.18	-0.14
MRBLD1CB42P75_COS		-673.44	-1770.31	708.09	-233.15	-307.10	21.51	62.64	-143.42	-73.44	91.96	-54.10	13.53	-32.92	-4.12	23.58	-0.33
MRBLD1CB42P75_SIN		0.00	1752.47	13.54	81.12	698.56	-387.46	108.47	-163.97	-12.63	-34.49	-123.10	44.38	22.28	-17.21	19.04	20.34

RUN	POINT	Harmonics															
54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4505.69	-1372.37	575.41	-401.27	-277.85	85.35	245.96	-152.13	-104.86	97.30	-74.31	5.07	-5.47	-10.05	19.27	0.51
MRBLD1CB70_SIN		0.00	1325.62	-64.66	63.08	1262.73	-253.69	358.28	-124.01	1.74	-36.46	32.21	19.94	21.27	-15.47	3.64	12.72
MRBLD1CB120_COS		-267.43	-819.78	450.35	-280.50	6.85	28.97	350.12	-114.44	-5.46	-66.49	-15.08	-8.97	22.00	3.27	0.14	-5.16
MRBLD1CB120_SIN		0.00	885.52	-78.74	123.10	1171.64	-13.28	510.45	-99.76	-35.69	6.79	78.95	-16.41	6.53	0.82	-2.45	-1.80
MRBLD1CB164_COS		-1979.18	-264.23	105.95	-109.00	86.51	-23.78	124.39	4.66	32.70	-103.96	29.56	5.38	-3.68	10.01	-11.64	3.34
MRBLD1CB164_SIN		0.00	301.73	-3.21	80.02	456.26	114.55	240.91	-6.91	-31.50	12.59	-18.60	3.07	2.60	11.94	-0.33	-4.08
MRBLD1FB42P75_COS		2494.10	416.02	45.77	377.65	640.38	-437.43	93.66	-514.29	-22.34	-107.59	-186.24	55.42	-22.23	-14.75	56.03	27.44
MRBLD1FB42P75_SIN		0.00	-390.68	205.46	1001.89	-278.42	-158.96	15.53	-249.96	-106.56	36.81	-231.61	35.84	18.91	-29.19	-28.45	15.89
MRBLD1FB70_COS		612.63	114.72	10.91	54.83	200.94	-114.76	30.63	-79.86	-0.27	4.25	-1.06	0.87	3.74	2.24	-11.22	-4.20
MRBLD1FB70_SIN		0.00	-260.27	118.99	261.73	-23.61	-60.03	11.98	-40.77	-2.43	5.55	6.90	-1.03	1.66	5.08	3.71	-4.08
MRBLD1FB87_COS		74.12	130.69	-57.99	4.13	100.31	-41.78	-14.47	49.53	5.64	21.06	44.31	-13.23	7.29	4.76	-12.33	-5.86
MRBLD1FB87_SIN		0.00	-306.30	100.57	124.83	-20.24	13.40	-5.68	22.42	11.73	-2.00	54.21	-9.26	-4.26	8.83	8.94	-0.74
MRBLD1FB120_COS		-285.39	155.71	-177.84	-20.83	2.31	42.22	-72.14	107.46	-7.57	-12.21	-17.11	1.25	-12.07	-6.76	17.93	8.25
MRBLD1FB120_SIN		0.00	-401.80	97.22	175.37	3.78	130.44	-16.07	62.43	8.75	-10.76	-24.98	2.95	-2.73	-15.09	-13.65	1.26
MRBLD1FB164_COS		82.18	109.51	-90.61	150.00	-331.71	123.77	82.25	-120.70	8.75	15.83	28.46	-10.03	9.37	6.57	-15.07	-9.23
MRBLD1FB164_SIN		0.00	-495.90	16.89	389.38	202.29	30.76	-55.12	-108.36	0.61	14.38	40.98	-9.85	-6.59	10.40	9.13	-2.73

RUN	POINT	Harmonics															
54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.25	-30.90	-16.13	123.45	-214.28	41.73	93.32	-117.57	18.36	24.60	81.19	-25.31	-12.50	-5.85	18.92	12.39
MRBLD1FB180_SIN		0.00	-349.89	8.84	211.26	145.02	-16.13	-35.04	-114.91	9.82	22.82	94.37	-25.06	-17.20	-14.21	-16.02	-2.04
MRBLD1TOR51_COS		-1482.77	163.99	123.36	125.80	-149.71	45.56	-92.80	-76.02	-11.37	-16.40	10.35	-0.88	1.86	-0.38	6.89	6.49
MRBLD1TOR51_SIN		0.00	-145.06	35.40	245.71	44.92	-357.33	86.85	-60.64	22.33	-21.53	15.15	-5.32	-2.11	3.07	-3.94	1.57
MRBLD1TOR71_COS		-330.64	187.11	78.04	132.27	-145.12	55.33	-88.19	-50.00	-9.31	-13.89	13.61	-8.48	4.22	-0.51	2.17	5.17
MRBLD1TOR71_SIN		0.00	-144.15	24.93	177.78	15.18	-307.48	65.68	-32.95	22.60	-21.84	25.03	-6.15	-2.96	4.68	-2.30	2.35
MRBLD1TOR130_COS		-73.31	155.98	78.12	140.93	-158.76	36.02	-53.50	-48.02	1.87	-11.37	11.79	-11.25	-0.17	-0.63	-5.47	-2.28
MRBLD1TOR130_SIN		0.00	-113.46	-20.90	134.33	31.55	-258.04	43.17	-32.81	7.20	-21.09	-7.27	6.32	0.67	0.54	2.82	1.66
MRBLD1TOR164_COS		-285.71	76.62	66.56	91.99	-41.28	-20.52	-21.12	-25.29	2.14	5.03	5.96	-11.87	-0.42	2.47	-3.30	-4.03
MRBLD1TOR164_SIN		0.00	-44.56	-23.15	17.03	20.55	-176.32	19.63	-4.56	0.92	-11.20	11.46	-2.24	-5.07	-6.28	5.23	0.17
MRFBM1CB26P5_COS		-855.97	-1111.16	322.69	20.33	-155.37	39.42	-44.69	1.86	10.02	-4.88	10.10	3.55	-4.21	1.83	2.55	-0.75
MRFBM1CB26P5_SIN		0.00	797.29	107.29	-55.48	-135.76	-73.11	-67.26	-18.48	-4.02	2.58	-49.20	5.62	-2.48	-1.30	2.74	2.13
MRFBM1FB9_COS		642.27	-62.77	-214.14	25.23	-55.60	36.95	15.42	13.65	0.06	0.40	-1.70	0.90	1.58	-0.65	-0.95	0.71
MRFBM1FB9_SIN		0.00	-203.89	-65.34	-293.35	-16.29	37.93	-11.39	31.54	4.89	1.56	7.27	-2.07	0.92	0.94	-1.68	-1.02
MRFBM1TOR26P5_COS		-105.06	81.11	4.44	-0.46	-4.56	0.73	-1.05	-0.15	-0.18	0.15	-0.35	0.92	-0.01	0.05	0.15	0.09
MRFBM1TOR26P5_SIN		0.00	-261.58	0.98	2.10	0.50	-6.10	1.81	-0.09	0.32	1.02	0.15	-0.14	0.09	0.09	-0.12	-0.11

RUN	POINT	Harmonics															
54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		230.61	-1252.92	552.47	-70.51	-128.20	-70.94	-8.46	-107.80	-8.34	24.20	-43.04	18.88	-21.60	-0.95	26.92	0.10
MRPC1CB33P25_SIN		0.00	1480.00	-21.56	74.69	237.34	-268.96	37.96	-118.38	-35.91	-32.70	-136.82	23.32	15.75	-18.03	14.56	17.75
MRPC1FB33P25_COS		1786.55	344.77	-60.03	160.64	599.27	-311.80	86.46	-311.28	31.09	-89.46	-0.37	15.96	-26.30	11.43	57.76	-1.33
MRPC1FB33P25_SIN		0.00	-125.03	155.59	884.39	-52.04	-243.16	45.96	-415.29	-105.05	-35.63	-279.01	63.89	-4.80	-31.32	34.08	35.68
MRPC1TOR25P5_COS		-338.69	-94.07	-154.28	-118.03	174.46	-55.04	112.31	68.18	11.22	21.75	-2.14	-13.95	-4.49	0.19	-9.96	-8.64
MRPC1TOR25P5_SIN		0.00	-98.59	-33.31	-245.63	-21.31	380.65	-99.20	47.63	-30.52	4.17	-30.01	17.82	3.98	-5.65	13.58	5.16
MRPLK1LOAD_COS		-0.81	-16.24	-19.98	-17.07	22.43	-5.64	12.65	10.35	2.56	2.69	1.68	-5.72	-0.45	0.10	-2.63	-1.21
MRPLK1LOAD_SIN		0.00	-6.69	-5.59	-37.66	-2.06	55.14	-15.74	6.60	-4.53	-2.40	-2.75	2.16	-0.18	-0.65	1.91	1.37
PITCHRH_COS		9183.47	-9256.64	-45.28	210.85	48.28	576.67	181.57	42.70	-93.89	-70.51	-236.94	253.50	25.23	34.88	-93.97	122.52
PITCHRH_SIN		0.00	1853.92	-1341.41	-36.78	-21.34	-6977.46	25.47	197.85	-76.02	32.87	28.53	-400.84	35.69	76.14	82.74	44.74
ROLLRH_COS		6367.61	-1930.82	1313.57	-79.37	-4.53	2925.18	12.85	-40.20	14.27	-10.56	60.73	245.22	-76.51	-77.71	278.32	203.06
ROLLRH_SIN		0.00	-9254.00	-74.07	117.48	263.88	4789.41	-284.16	-62.71	175.86	-15.12	-135.38	-34.59	124.82	131.29	163.00	1038.36
TORQ_COS		106951.87	429.34	-30.45	196.18	78.59	-305.35	11.81	-33.70	-2.74	-7.36	-3.35	-3.99	-2.47	-2.06	-2.85	-9.90
TORQ_SIN		0.00	1028.98	-83.70	46.25	-236.22	737.97	-34.99	75.64	3.10	-11.21	201.03	4.47	1.66	8.38	-0.42	-1.19
THRUST_COS		5786.49	-120.83	10.06	32.93	-14.01	131.92	-4.25	5.00	6.36	3.99	64.98	0.67	4.04	0.06	-3.17	5.99
THRUST_SIN		0.00	-188.04	-21.67	-34.21	36.20	279.36	2.14	14.23	10.61	-9.40	59.60	-5.44	0.92	2.59	1.67	1.26

RUN	POINT	Harmonics															
54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-132.17	61.96	-32.11	5.29	-23.03	-518.18	-6.75	2.75	-2.69	1.08	-16.39	-6.64	2.29	2.42	-8.08	-7.44
SIDERH_SIN		0.00	229.13	3.90	-1.81	-41.23	-189.28	7.28	-3.09	-4.52	3.85	-2.96	-3.59	-4.03	-3.93	-5.10	-30.87
DRAGRH_COS		-87.27	237.69	20.90	0.13	1.27	1154.50	2.30	-6.12	1.27	-1.56	-12.04	-15.91	-1.65	-0.43	6.37	-3.37
DRAGRH_SIN		0.00	-60.06	23.28	-0.13	12.75	400.60	40.24	-1.51	-4.46	2.60	17.34	11.97	-2.09	-1.08	-4.30	-5.47

RUN	POINT	Harmonics															
55	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.92	0.00	0.00	0.00	-0.04	-0.02	0.00	0.03	-0.08	0.00	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.34	0.99	0.00	0.00	0.00	-0.01	0.01	-0.05	-0.04	0.02	0.00	-0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	-0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.94	-1.16	-11.67	-0.09	-8.98	-1.25	2.69	-0.97	-0.47	0.14	0.83	-1.49	0.04	-0.36	0.58	0.03
ACT1FORCE_SIN		0.00	20.98	-0.94	-6.83	4.78	-3.34	0.65	0.69	-0.73	0.11	-1.04	-1.53	0.53	-0.23	-0.42	-0.22
FA1IBCURRENT_COS		0.00	-0.01	0.00	-0.01	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.32	-2.24	80.91	-183.53	102.20	5.83	-23.10	-0.45	0.15	0.11	0.15	0.23	-0.15	0.02	0.05	0.10
FA1IBVOLTAGE_SIN		0.00	-136.85	8.49	23.16	163.14	27.48	0.22	0.14	0.21	-0.02	0.43	-0.55	-0.06	-0.02	-0.06	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.07	0.03	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.55	2.18	-81.17	183.98	-102.45	-6.11	23.45	-0.21	0.12	0.02	-0.26	-0.25	0.17	-0.03	0.01	-0.13
FA1OBVOLTAGE_SIN		0.00	137.15	-8.43	-23.28	-163.26	-27.71	-0.72	0.19	0.13	0.03	-0.35	0.56	0.05	0.05	0.01	-0.01
MRBLD1CB42P75_COS		-863.73	-2098.99	447.35	-9.83	-195.34	-0.79	-111.93	28.03	21.45	-41.12	39.33	18.63	3.79	4.42	-8.02	-4.53
MRBLD1CB42P75_SIN		0.00	1519.53	74.19	78.24	23.96	43.43	-63.71	-24.90	50.72	2.70	-96.40	-4.83	10.37	5.91	-4.39	20.51

RUN	POINT	Harmonics															
55	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4523.12	-1559.89	302.95	-33.52	-178.95	-115.72	-264.84	17.96	25.14	-29.20	-15.49	13.57	4.91	6.13	-6.39	13.81
MRBLD1CB70_SIN		0.00	1115.37	-21.95	133.00	-63.92	-32.83	-39.31	-4.71	43.28	11.64	-44.68	-9.32	4.72	-1.04	-5.83	29.54
MRBLD1CB120_COS		-222.06	-875.11	235.54	49.46	-130.48	-168.80	-350.02	42.84	7.67	16.32	-19.83	-14.42	0.76	0.52	5.45	0.73
MRBLD1CB120_SIN		0.00	789.63	-63.52	87.79	83.86	-101.55	-43.07	-22.66	-39.08	-21.73	50.68	6.23	-2.32	2.58	-3.73	4.66
MRBLD1CB164_COS		-1991.09	-278.94	43.99	34.12	-70.67	-116.00	-151.71	15.15	-4.60	23.44	16.25	-14.39	-1.28	-5.02	0.93	-12.48
MRBLD1CB164_SIN		0.00	294.48	-22.90	28.91	84.17	-92.07	-32.51	-3.00	-57.91	-29.88	42.93	9.75	1.34	4.60	8.73	-23.99
MRBLD1FB42P75_COS		2517.44	497.61	174.32	565.96	-100.01	92.86	-156.59	21.63	-83.91	-111.33	51.93	4.71	-3.31	9.95	-16.32	41.57
MRBLD1FB42P75_SIN		0.00	-293.41	324.42	122.94	944.20	252.52	64.51	-199.57	-22.63	-58.57	-178.96	-1.40	-2.46	-2.81	-11.73	21.32
MRBLD1FB70_COS		617.73	99.85	52.86	169.54	-56.43	26.70	-36.55	14.35	-0.01	-4.03	-0.41	0.13	0.86	-0.97	3.94	-6.62
MRBLD1FB70_SIN		0.00	-242.07	137.27	6.49	255.40	46.97	8.41	-26.35	5.72	6.48	2.15	2.12	2.25	1.19	3.11	-4.96
MRBLD1FB87_COS		67.60	117.35	-8.52	82.19	-36.81	-9.95	0.15	-4.42	12.88	21.83	-10.39	-0.16	1.01	-2.38	3.21	-9.21
MRBLD1FB87_SIN		0.00	-299.05	100.47	3.92	112.82	1.38	-6.98	16.85	0.41	12.93	42.61	2.91	3.12	3.01	4.31	-1.71
MRBLD1FB120_COS		-306.69	150.77	-82.09	51.96	-4.05	-64.23	21.46	-26.04	-7.60	-4.42	-0.69	-4.41	-3.39	3.24	-3.94	14.17
MRBLD1FB120_SIN		0.00	-433.93	113.59	82.02	7.05	-22.08	-11.81	44.77	-5.00	-12.15	-17.63	-7.84	-7.69	-7.01	-8.60	2.76
MRBLD1FB164_COS		38.37	131.63	49.63	75.64	119.23	34.93	30.90	47.41	3.49	7.14	-5.26	2.73	1.80	-5.56	-0.58	-7.52
MRBLD1FB164_SIN		0.00	-568.17	160.22	231.37	-312.74	-59.83	-1.24	-53.51	6.92	14.89	30.88	4.10	4.96	3.07	1.06	-2.37

RUN	POINT	Harmonics															
55	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.83	-16.92	74.65	40.38	74.26	66.43	4.06	38.11	3.72	30.31	-21.64	-13.54	-14.00	-3.50	-3.68	16.25
MRBLD1FB180_SIN		0.00	-398.70	105.19	155.78	-240.14	-24.33	4.52	-45.59	6.41	23.63	86.77	-0.04	-14.10	-13.22	-10.97	5.18
MRBLD1TOR51_COS		-1489.41	160.47	101.13	90.64	36.79	3.05	17.41	14.52	-10.24	0.76	-8.52	-9.80	1.33	-0.72	2.27	4.56
MRBLD1TOR51_SIN		0.00	-136.62	114.50	109.58	-98.05	131.69	-39.36	-20.13	-6.55	4.15	7.90	-2.99	-6.19	-5.85	-4.03	7.78
MRBLD1TOR71_COS		-313.93	186.57	66.94	72.84	51.73	10.09	29.55	9.18	-7.14	3.49	-12.79	-8.66	0.98	-0.55	2.21	1.23
MRBLD1TOR71_SIN		0.00	-129.90	87.67	81.54	-122.01	114.02	-29.80	-9.68	-4.06	8.70	12.82	-0.27	-4.10	-3.58	-2.98	3.83
MRBLD1TOR130_COS		-56.88	162.73	70.11	48.39	57.73	22.65	19.52	14.81	-4.86	-2.15	8.59	-1.94	-1.41	-0.78	-1.51	-4.87
MRBLD1TOR130_SIN		0.00	-99.45	32.76	81.32	-147.48	87.02	-18.86	-13.97	-1.41	0.04	0.02	7.59	3.07	3.59	0.40	-4.53
MRBLD1TOR164_COS		-274.37	84.05	43.56	26.60	5.93	18.22	-0.71	3.91	0.69	1.34	-3.71	2.21	-0.91	1.27	-1.14	-2.64
MRBLD1TOR164_SIN		0.00	-26.18	-11.90	20.68	-60.27	61.12	-9.66	-7.90	0.96	4.82	2.39	3.52	0.85	2.14	-1.74	-3.20
MRFBM1CB26P5_COS		-967.81	-1317.76	221.62	-21.50	14.09	15.68	39.74	6.50	-3.79	-1.11	21.15	0.83	0.30	-0.06	1.22	-3.49
MRFBM1CB26P5_SIN		0.00	594.41	138.66	-30.48	-34.34	25.22	-8.27	-8.40	-1.77	-5.62	-12.36	1.79	0.20	0.98	-1.23	-0.37
MRFBM1FB9_COS		605.40	162.76	-235.70	-98.33	57.05	14.35	10.88	-8.17	1.86	2.07	-5.32	-0.11	0.09	-0.03	-0.32	0.70
MRFBM1FB9_SIN		0.00	-111.84	-181.91	-94.98	-97.58	-20.77	17.67	6.85	3.09	4.12	1.78	0.70	0.26	-0.09	0.73	-1.67
MRFBM1TOR26P5_COS		-103.64	84.83	4.17	0.04	1.93	-0.85	1.45	-0.05	-0.08	0.18	-0.18	-0.04	0.06	-0.01	0.04	0.21
MRFBM1TOR26P5_SIN		0.00	-278.70	2.42	0.55	-3.95	1.94	-0.69	-0.16	0.09	-0.07	0.15	-0.31	-0.13	-0.12	0.05	0.11

RUN	POINT	Harmonics															
55	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		420.74	-1528.49	372.70	-5.09	-143.27	38.10	-68.17	18.74	18.34	-24.16	39.26	10.35	6.67	5.01	-2.79	-5.17
MRPC1CB33P25_SIN		0.00	1365.43	31.35	40.03	140.98	34.99	-61.28	-38.38	23.60	-14.54	-81.35	2.52	6.00	6.00	-4.89	19.19
MRPC1FB33P25_COS		1782.77	398.86	20.88	469.41	-286.21	4.92	-156.38	95.88	-45.97	-48.08	145.03	9.98	3.60	8.92	0.58	2.43
MRPC1FB33P25_SIN		0.00	-45.02	269.41	197.04	759.06	221.30	2.67	-163.34	-61.68	-103.68	-103.97	4.44	-1.89	6.85	-19.88	50.36
MRPC1TOR25P5_COS		-363.07	-90.91	-134.27	-59.94	-63.07	6.98	-26.32	-12.47	12.87	0.11	22.13	15.72	-1.82	1.46	-3.10	-13.04
MRPC1TOR25P5_SIN		0.00	-129.57	-116.12	-112.28	130.92	-141.16	46.45	17.30	4.20	-7.07	-15.72	11.99	12.33	11.31	3.30	-7.76
MRPLK1LOAD_COS		-5.84	-16.29	-17.36	-8.94	-10.92	2.60	-5.19	-1.31	2.61	-0.44	2.94	2.06	-0.46	0.27	-0.35	-3.07
MRPLK1LOAD_SIN		0.00	-10.89	-16.60	-18.24	17.33	-20.28	5.81	2.90	0.72	-0.11	-1.80	2.03	1.96	2.00	-0.09	-1.64
PITCHRH_COS		5313.60	-9080.18	-313.84	124.22	-54.07	1702.25	99.17	-135.84	22.72	9.43	160.76	-115.46	35.72	-30.52	6.44	-316.87
PITCHRH_SIN		0.00	513.44	-919.26	30.17	-12.58	3638.91	243.10	-157.43	36.53	32.70	-220.71	-143.69	22.82	22.53	-128.41	91.70
ROLLRH_COS		4704.17	-561.67	945.98	-93.26	-97.27	-5017.49	-159.51	105.58	63.23	43.95	192.42	43.88	80.06	-29.52	37.90	244.29
ROLLRH_SIN		0.00	-9231.87	-375.51	161.48	138.51	580.08	95.84	-85.75	-25.23	34.67	-15.35	-145.44	30.12	-41.79	0.36	90.68
TORQ_COS		106732.66	462.09	-4.32	46.53	57.30	-172.07	11.06	-11.39	-0.52	-0.75	-52.40	-2.35	1.70	-2.40	-4.52	12.62
TORQ_SIN		0.00	1326.35	-73.95	127.48	-48.38	-264.13	14.60	33.67	-8.05	-1.82	66.06	0.81	-8.23	2.64	-1.75	3.91
THRUST_COS		5707.56	-229.46	3.00	21.23	-0.46	-2.64	6.85	2.76	-4.98	4.28	-84.04	-11.27	-5.31	-5.64	5.83	-25.81
THRUST_SIN		0.00	-280.05	-10.73	5.37	17.17	-190.30	7.13	11.25	-1.82	-3.73	59.18	0.84	9.19	4.13	-4.87	-15.38

RUN	POINT	Harmonics															
55	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-124.91	31.54	-21.72	8.55	9.97	290.49	23.31	0.04	-4.31	-2.11	-4.07	-2.43	-2.23	0.69	-1.17	-7.22
SIDERH_SIN		0.00	214.69	4.96	-2.91	-0.93	-240.97	-10.82	2.73	-0.39	0.36	0.84	4.71	-0.48	1.12	-0.64	-2.01
DRAGRH_COS		-144.31	215.01	13.61	1.37	8.31	-298.28	-53.67	0.48	5.26	-4.60	-3.06	3.72	-1.69	1.97	2.35	12.73
DRAGRH_SIN		0.00	-24.76	15.59	-0.91	11.08	370.98	-39.15	0.93	-5.55	-0.67	-2.77	4.96	0.38	-0.14	5.42	-6.62

RUN	POINT	Harmonics															
55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.92	0.50	0.00	0.00	-0.04	0.00	0.00	-0.01	-0.08	0.02	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.33	0.86	0.00	0.00	0.01	0.00	0.01	-0.05	0.05	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	-0.10	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.39	-1.66	-11.61	1.13	-5.36	-4.50	2.63	-0.48	-0.57	0.25	0.19	-2.27	0.47	-0.10	-0.07	-0.46
ACT1FORCE_SIN		0.00	20.07	-1.55	-8.35	10.34	-2.44	-1.10	0.93	-0.25	0.05	-0.96	0.43	-0.05	0.24	-0.29	-0.02
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.00	0.05	0.01	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.07	-0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		370.22	-4.78	77.39	-187.82	168.12	36.95	-18.26	-0.28	0.09	0.14	0.43	-0.28	-0.20	0.07	-0.05	-0.10
FA1IBVOLTAGE_SIN		0.00	-128.58	4.20	33.24	78.40	20.36	16.42	0.44	0.08	-0.26	0.23	-0.41	0.09	0.04	-0.03	-0.09
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.07	0.07	0.02	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		435.66	4.77	-77.76	188.38	-168.43	-37.51	18.40	-0.07	0.22	-0.02	-0.41	0.27	0.20	-0.02	0.01	0.06
FA1OBVOLTAGE_SIN		0.00	128.99	-4.12	-33.78	-77.86	-20.31	-17.14	0.22	-0.13	0.04	-0.08	0.43	-0.14	0.00	-0.03	0.09
MRBLD1CB42P75_COS		-840.06	-2165.26	449.88	-12.16	-364.04	112.19	-135.99	25.04	73.26	-81.72	37.03	-24.59	8.76	-1.15	-17.76	1.24
MRBLD1CB42P75_SIN		0.00	1378.64	110.67	11.07	32.70	22.60	-19.43	-67.45	41.64	29.53	-96.06	-4.18	8.11	-1.14	2.12	21.27

RUN	POINT	Harmonics															
55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4540.15	-1597.92	305.80	-20.20	-493.53	-28.91	-322.93	15.04	71.08	-65.56	-18.70	-17.79	8.85	0.67	-15.63	4.17
MRBLD1CB70_SIN		0.00	1017.67	19.01	31.89	-34.27	-4.16	94.97	-57.08	24.30	38.55	-41.23	-5.83	3.43	-2.55	-4.61	15.47
MRBLD1CB120_COS		-223.25	-885.03	230.21	35.23	-377.16	-158.92	-445.74	46.26	-12.78	41.04	-10.84	10.66	-8.13	6.09	2.85	-3.01
MRBLD1CB120_SIN		0.00	736.45	-28.60	20.70	155.29	-48.94	136.27	-81.22	-36.91	-31.29	53.65	7.54	-4.30	4.31	-4.27	2.52
MRBLD1CB164_COS		-1988.31	-277.54	36.79	21.05	-141.22	-151.42	-204.31	22.00	-43.69	56.24	28.18	6.22	-6.93	-1.06	5.55	-7.12
MRBLD1CB164_SIN		0.00	276.29	-12.75	5.47	133.98	-57.56	40.73	-10.97	-51.39	-49.21	44.38	9.54	-2.01	4.70	9.95	-9.25
MRBLD1FB42P75_COS		2507.54	515.96	169.22	361.46	242.23	160.94	-142.07	-33.26	-64.34	-101.97	73.90	-17.78	-8.60	10.80	-4.67	36.50
MRBLD1FB42P75_SIN		0.00	-265.36	298.29	175.57	1072.93	138.28	103.81	-331.34	12.99	-59.41	-199.56	-0.92	0.14	-9.72	4.64	9.54
MRBLD1FB70_COS		621.02	98.94	48.29	111.30	29.39	44.86	-36.80	4.21	2.32	-4.91	-1.82	0.69	1.77	-0.65	1.99	-6.79
MRBLD1FB70_SIN		0.00	-233.11	126.29	7.58	307.02	16.94	21.31	-48.30	7.65	8.90	1.94	3.58	1.65	1.84	-1.39	-3.77
MRBLD1FB87_COS		73.85	115.87	-13.83	54.37	8.87	-13.13	-0.34	1.10	9.08	21.70	-15.09	7.38	2.51	-2.12	0.68	-8.04
MRBLD1FB87_SIN		0.00	-287.07	88.40	-2.25	139.00	-3.89	-10.35	29.38	-3.84	11.44	47.33	1.42	3.38	4.77	1.62	1.53
MRBLD1FB120_COS		-297.06	143.77	-87.83	31.89	5.17	-91.68	21.12	-10.73	-9.91	-4.33	2.08	-8.77	-3.85	3.76	-0.41	13.13
MRBLD1FB120_SIN		0.00	-415.18	92.68	67.73	6.20	2.19	-31.16	75.30	-8.61	-13.21	-17.86	-7.75	-7.32	-9.32	-4.49	-1.97
MRBLD1FB164_COS		39.08	123.51	62.91	45.02	-58.10	13.39	31.19	33.34	2.67	2.34	-9.78	9.25	3.53	-5.73	-3.66	-6.28
MRBLD1FB164_SIN		0.00	-549.45	130.28	260.32	-391.84	-41.10	11.83	-96.62	15.37	16.29	31.76	3.61	5.16	5.70	-1.57	-0.91

RUN	POINT	Harmonics															
55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-21.58	-18.71	84.88	30.12	-60.97	61.65	3.66	28.73	-0.27	25.92	-30.49	3.52	-13.82	-2.23	1.93	17.68
MRBLD1FB180_SIN		0.00	-386.03	87.84	184.59	-287.84	-28.32	25.20	-84.41	11.40	20.52	94.22	-2.05	-13.12	-15.65	-5.83	1.57
MRBLD1TOR51_COS		-1490.62	158.57	111.13	51.35	-45.82	83.31	3.20	3.89	-10.99	4.36	-10.49	-8.10	-0.69	3.54	2.92	3.25
MRBLD1TOR51_SIN		0.00	-137.50	117.02	137.58	-139.24	131.58	-61.66	-50.33	-4.31	1.90	10.76	7.37	-11.03	-3.42	-1.09	1.46
MRBLD1TOR71_COS		-314.19	185.89	75.06	44.40	-27.67	75.98	20.04	-0.73	-9.05	9.71	-16.68	-2.77	-0.31	2.80	1.41	0.56
MRBLD1TOR71_SIN		0.00	-127.85	88.96	111.75	-164.89	115.68	-54.71	-31.22	-2.73	5.93	16.85	7.89	-7.74	-2.47	0.25	2.93
MRBLD1TOR130_COS		-57.59	162.26	77.73	31.98	-30.63	73.28	14.53	6.77	-4.90	3.96	6.64	3.24	-1.29	-1.19	-4.25	-4.14
MRBLD1TOR130_SIN		0.00	-99.39	35.19	115.34	-190.40	82.90	-35.49	-35.59	2.19	-0.46	3.94	7.28	3.42	1.20	1.89	2.21
MRBLD1TOR164_COS		-274.55	85.18	46.69	23.62	-35.48	51.98	-1.54	-1.31	1.28	6.11	-8.13	8.21	-0.06	-0.75	-3.20	-0.42
MRBLD1TOR164_SIN		0.00	-29.64	-4.71	41.57	-65.47	49.64	-16.43	-16.50	0.36	5.75	5.08	-1.20	3.64	-0.83	-1.29	2.44
MRFBM1CB26P5_COS		-942.52	-1356.89	224.68	-12.74	20.37	35.46	48.37	5.84	-3.88	-1.26	23.33	-0.25	-0.48	0.32	0.53	-0.74
MRFBM1CB26P5_SIN		0.00	523.87	151.34	-26.66	-80.50	26.53	-29.30	-6.40	2.35	-7.83	-13.53	0.39	-0.46	0.31	0.45	2.92
MRFBM1FB9_COS		574.49	218.47	-242.00	-47.04	29.68	2.18	17.50	-11.52	1.52	3.15	-6.35	0.97	-0.09	-0.13	0.11	0.21
MRFBM1FB9_SIN		0.00	-106.83	-171.18	-86.91	-122.13	-14.30	18.38	15.50	1.36	3.65	1.74	1.66	0.18	-0.11	0.25	-1.39
MRFBM1TOR26P5_COS		-103.66	84.58	4.51	-0.29	-0.01	0.88	1.14	-0.16	-0.12	-0.20	-0.02	-0.38	-0.02	0.05	0.17	0.17
MRFBM1TOR26P5_SIN		0.00	-278.90	2.35	0.42	-6.15	2.33	-1.01	-0.11	0.04	-0.13	-0.09	-0.11	-0.19	0.00	-0.06	-0.18

RUN	POINT	Harmonics															
55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		434.60	-1578.75	367.28	-15.06	-172.50	108.29	-85.77	12.02	52.09	-38.62	40.41	-11.63	7.21	3.33	-11.23	-0.04
MRPC1CB33P25_SIN		0.00	1248.99	54.06	10.96	162.33	-8.35	-51.09	-65.27	23.45	1.87	-80.54	7.49	3.19	-0.71	-0.01	19.56
MRPC1FB33P25_COS		1774.78	413.79	20.27	294.29	-37.58	89.42	-157.97	105.40	-44.19	-40.50	173.25	-6.36	-1.16	12.79	-9.17	7.70
MRPC1FB33P25_SIN		0.00	-19.19	247.92	200.99	943.52	148.31	43.70	-289.27	-25.79	-97.49	-104.91	-10.53	-4.11	3.50	0.81	41.51
MRPC1TOR25P5_COS		-359.68	-90.44	-145.38	-22.75	28.46	-78.98	-10.57	0.75	15.64	0.44	21.30	18.00	1.85	-4.77	-11.05	-9.75
MRPC1TOR25P5_SIN		0.00	-131.15	-118.43	-144.96	186.59	-144.14	72.75	43.70	3.30	-1.40	-14.29	-3.87	18.38	5.17	4.47	9.50
MRPLK1LOAD_COS		-5.34	-16.35	-18.84	-3.66	1.30	-10.21	-2.91	0.77	3.05	0.78	2.10	3.76	0.36	-0.63	-2.23	-2.10
MRPLK1LOAD_SIN		0.00	-10.94	-16.93	-22.73	25.42	-20.76	9.01	6.34	0.68	0.74	-0.81	-0.53	3.03	0.61	0.56	2.34
PITCHRH_COS		4600.38	-9074.07	-341.33	141.96	-76.85	4728.32	165.14	-156.41	34.25	-23.99	138.72	-269.46	74.29	-47.46	-287.91	-56.61
PITCHRH_SIN		0.00	442.76	-769.03	62.56	66.00	2750.87	330.23	-120.87	94.87	43.74	-364.85	-1.08	7.31	65.35	24.64	135.87
ROLLRH_COS		4373.50	-606.24	865.58	-36.39	-196.35	-5644.11	101.75	68.37	151.52	48.72	120.43	-139.17	138.30	-91.89	164.44	96.68
ROLLRH_SIN		0.00	-9194.66	-356.55	206.28	189.66	2585.65	106.48	-62.86	-29.38	61.48	-5.68	-160.67	29.55	-12.68	-16.21	0.28
TORQ_COS		107207.67	444.38	-8.88	38.56	130.88	-425.74	16.36	8.29	-8.85	0.00	-56.85	-2.96	7.84	-3.17	-2.35	10.83
TORQ_SIN		0.00	1340.23	-84.45	169.66	-62.31	-249.85	8.03	-7.22	-14.35	1.43	69.36	1.07	-8.67	5.23	-3.70	-2.18
THRUST_COS		5626.95	-230.09	9.36	31.16	-10.34	-111.81	6.18	3.84	-1.04	2.79	-97.92	-7.33	1.32	-5.53	-4.68	-2.94
THRUST_SIN		0.00	-286.96	2.25	8.66	17.10	-156.76	3.03	-1.90	-3.92	-2.47	120.96	4.47	6.05	-4.81	-5.29	-5.39

RUN	POINT	Harmonics															
55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-123.79	32.48	-21.24	5.56	14.13	240.10	10.54	2.35	-6.09	-2.12	5.61	2.33	-3.14	2.37	-5.60	-1.78
SIDERH_SIN		0.00	214.74	-0.16	1.72	-15.91	-441.99	-21.15	4.05	2.24	-1.05	-3.04	6.78	-0.49	0.42	0.16	0.72
DRAGRH_COS		-148.47	213.49	11.88	-0.56	11.92	-271.77	-75.98	3.18	3.31	0.52	-5.93	10.22	-3.33	1.62	12.39	1.40
DRAGRH_SIN		0.00	-23.23	15.38	-1.01	7.25	704.31	-2.90	-2.93	-5.81	-4.28	-3.75	1.31	-3.99	-1.68	-4.85	-4.68

RUN	POINT	Harmonics															
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.95	0.89	0.00	0.00	-0.04	-0.01	0.00	-0.03	0.02	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.27	0.42	0.00	0.00	0.03	-0.01	0.00	-0.03	0.08	-0.02	-0.01	-0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.11	-0.10	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.70	-1.36	-12.78	0.07	0.71	-6.56	1.14	-0.25	-0.79	0.13	-0.08	-0.18	0.10	0.06	-0.25	0.15
ACT1FORCE_SIN		0.00	19.96	-0.25	-10.55	12.74	0.60	-2.63	0.91	-0.12	-0.55	-0.87	2.16	-0.35	0.00	-0.26	0.29
FA1IBCURRENT_COS		0.00	-0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.09	-0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.34	-9.21	77.80	-180.05	184.90	54.53	-2.98	0.07	-0.13	-0.21	0.39	-0.42	0.05	0.15	0.19	-0.04
FA1IBVOLTAGE_SIN		0.00	-122.81	-9.63	56.12	-40.88	-10.36	22.43	0.47	-0.08	-0.34	-0.32	0.10	0.15	-0.09	0.02	0.14
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.07	0.09	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		431.58	9.24	-78.28	180.62	-184.79	-55.12	2.77	0.16	0.06	0.06	-0.25	0.42	-0.07	-0.07	-0.24	0.04
FA1OBVOLTAGE_SIN		0.00	123.37	9.75	-56.89	41.77	10.80	-23.21	0.29	-0.15	0.02	0.38	-0.09	-0.20	0.09	0.03	-0.11
MRBLD1CB42P75_COS		-823.45	-2267.45	529.07	-56.38	-470.23	184.29	-116.86	-13.05	92.03	-57.87	-10.59	-27.73	4.74	3.93	-3.53	4.78
MRBLD1CB42P75_SIN		0.00	1358.18	120.31	-24.35	157.66	-90.54	52.65	-102.87	-40.25	115.07	-125.35	32.32	-9.76	1.68	25.13	9.33

RUN	POINT	Harmonics															
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4568.82	-1683.72	377.35	-87.88	-723.94	39.84	-250.19	-32.30	73.47	-36.66	-47.23	-14.46	-1.78	7.05	-8.19	2.14
MRBLD1CB70_SIN		0.00	1009.17	47.88	-51.58	203.69	-51.80	282.64	-79.34	-54.85	112.88	-56.71	21.36	-8.50	0.09	17.07	19.93
MRBLD1CB120_COS		-210.34	-922.74	290.52	-44.81	-519.43	-143.11	-366.07	-6.02	-28.31	33.18	19.74	16.82	-10.25	6.24	-1.14	0.94
MRBLD1CB120_SIN		0.00	734.47	2.92	-37.63	381.03	-10.73	396.20	-101.61	-13.95	-83.73	55.53	-11.44	9.21	-1.76	-5.21	7.08
MRBLD1CB164_COS		-1985.84	-283.04	51.33	-19.37	-160.66	-169.49	-186.16	15.56	-64.36	35.66	60.35	5.28	-2.24	-4.64	7.14	-3.48
MRBLD1CB164_SIN		0.00	274.08	1.84	-18.01	226.25	1.78	154.11	-10.32	1.67	-120.27	40.06	-5.31	6.56	0.90	-3.50	-13.23
MRBLD1FB42P75_COS		2487.62	548.22	190.28	184.38	690.71	158.55	-84.04	-189.61	-45.22	-127.61	-2.16	-31.16	-8.55	7.28	29.83	26.47
MRBLD1FB42P75_SIN		0.00	-280.34	239.89	299.53	955.65	22.80	168.25	-382.43	29.45	-44.14	-242.63	30.17	-4.05	-17.47	7.74	-6.28
MRBLD1FB70_COS		612.12	99.68	51.47	43.98	155.21	40.74	-24.62	-21.25	3.65	-1.12	-2.97	3.73	1.27	-0.64	-5.09	-6.08
MRBLD1FB70_SIN		0.00	-238.88	108.79	29.80	293.65	-15.22	39.17	-59.63	4.51	11.62	2.58	2.73	1.47	2.29	-1.91	0.82
MRBLD1FB87_COS		70.58	114.42	-22.51	16.31	71.44	-19.79	-5.92	15.71	6.79	25.05	4.00	9.79	4.39	-0.89	-5.80	-3.61
MRBLD1FB87_SIN		0.00	-285.79	75.48	0.36	133.51	-2.41	-12.95	33.84	-5.06	5.88	56.24	-8.72	3.25	5.61	-0.08	3.27
MRBLD1FB120_COS		-293.17	134.18	-113.49	1.35	6.24	-94.88	-0.96	26.66	-12.03	-7.58	-3.69	-13.49	-7.26	0.39	8.33	6.86
MRBLD1FB120_SIN		0.00	-400.27	69.23	57.45	-0.53	45.05	-51.49	91.35	-2.35	-11.48	-19.23	-0.06	-7.05	-8.98	-1.82	-5.48
MRBLD1FB164_COS		43.52	103.21	50.60	46.70	-280.36	5.00	49.90	-11.13	9.97	8.01	0.96	13.87	6.19	-3.20	-9.92	-3.86
MRBLD1FB164_SIN		0.00	-529.10	67.99	296.39	-345.88	-21.93	12.55	-127.98	11.64	17.20	36.05	-7.52	3.98	7.46	-1.15	-0.36

RUN	POINT	Harmonics															
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.83	-30.03	82.29	46.51	-214.94	51.85	27.60	-8.53	7.58	33.17	8.91	8.02	-12.91	-8.77	8.28	12.25
MRBLD1FB180_SIN		0.00	-369.51	44.83	211.33	-242.64	-36.98	35.21	-117.91	10.04	14.38	110.49	-18.51	-5.71	-11.61	-5.45	-7.70
MRBLD1TOR51_COS		-1492.86	152.34	143.11	38.37	-150.76	163.13	-40.78	-23.77	-21.89	3.37	-4.57	6.57	-8.95	2.42	2.65	1.53
MRBLD1TOR51_SIN		0.00	-142.70	100.85	183.46	-122.67	75.18	-53.99	-53.64	-5.58	-4.07	14.05	8.81	-7.91	-7.97	0.20	0.43
MRBLD1TOR71_COS		-316.85	182.91	99.06	42.38	-134.03	145.38	-21.81	-21.01	-18.81	9.87	-7.15	11.22	-6.14	1.36	1.74	2.58
MRBLD1TOR71_SIN		0.00	-132.92	76.10	153.31	-152.99	69.68	-57.04	-29.00	-3.28	-3.50	25.82	2.91	-5.23	-5.48	-0.28	1.62
MRBLD1TOR130_COS		-58.75	158.53	96.40	45.37	-146.02	123.92	-14.88	-14.55	-8.69	3.23	11.07	7.54	1.24	-1.07	-1.75	0.43
MRBLD1TOR130_SIN		0.00	-104.66	24.70	155.12	-172.39	41.81	-37.21	-37.94	0.39	-6.64	5.20	-2.07	2.15	2.82	0.98	1.41
MRBLD1TOR164_COS		-274.85	83.44	57.97	37.50	-78.38	78.68	-16.21	-11.42	-0.94	8.91	-5.00	5.15	4.89	-1.95	-1.64	1.99
MRBLD1TOR164_SIN		0.00	-36.40	-1.26	61.98	-43.73	16.93	-15.65	-15.69	-2.15	1.85	13.77	-11.70	2.11	2.51	-0.33	-0.13
MRFBM1CB26P5_COS		-927.26	-1429.10	268.59	1.84	2.89	58.65	36.58	9.02	1.08	-5.90	20.32	-2.38	1.09	0.26	1.73	2.48
MRFBM1CB26P5_SIN		0.00	520.47	154.35	-12.96	-126.19	8.91	-56.99	-12.33	5.68	-8.71	-20.74	1.01	-0.56	-0.21	1.46	-0.69
MRFBM1FB9_COS		564.20	276.04	-279.65	5.90	-15.88	-2.80	25.17	-6.32	0.94	4.25	-5.83	2.36	-0.25	-0.53	0.15	-0.35
MRFBM1FB9_SIN		0.00	-121.37	-129.21	-101.23	-129.42	-5.27	10.98	23.81	1.47	1.72	5.07	0.72	0.64	-0.26	-0.97	-0.98
MRFBM1TOR26P5_COS		-103.66	78.35	5.09	-0.62	-3.79	2.48	0.95	-0.15	-0.17	-0.34	-0.26	-0.36	-0.18	0.05	0.07	-0.11
MRFBM1TOR26P5_SIN		0.00	-280.57	2.00	0.66	-6.65	1.25	-1.01	0.01	0.26	0.14	-0.41	0.51	-0.04	-0.11	-0.04	-0.12

RUN	POINT	Harmonics															
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		437.14	-1637.27	420.04	-31.09	-147.17	132.07	-92.36	-19.79	66.98	-23.50	6.65	-7.67	4.34	5.61	-0.17	2.39
MRPC1CB33P25_SIN		0.00	1227.21	51.22	10.22	202.64	-104.04	-19.74	-87.22	-23.17	38.02	-100.13	27.34	-8.27	-3.07	16.59	10.07
MRPC1FB33P25_COS		1756.97	444.11	45.82	126.68	355.37	116.90	-125.81	-1.31	-38.10	-65.30	141.37	-36.39	1.03	18.00	11.22	19.45
MRPC1FB33P25_SIN		0.00	-28.30	208.59	267.20	951.84	56.41	120.45	-389.85	-8.82	-99.55	-181.38	0.62	-9.10	-3.26	31.67	24.26
MRPC1TOR25P5_COS		-357.93	-91.46	-177.51	-15.34	153.82	-167.75	38.30	26.05	27.89	4.59	16.92	0.61	15.29	-2.99	-4.58	3.23
MRPC1TOR25P5_SIN		0.00	-129.32	-100.77	-197.50	179.20	-87.14	66.14	42.22	0.28	1.52	-15.92	-17.11	10.58	12.45	5.30	6.68
MRPLK1LOAD_COS		-5.18	-16.45	-23.16	-2.77	18.73	-23.08	2.95	4.22	4.72	1.85	2.53	1.58	2.77	-0.48	-1.02	0.92
MRPLK1LOAD_SIN		0.00	-11.04	-14.29	-30.06	25.20	-12.13	7.84	6.00	-0.39	0.27	0.69	-4.58	1.44	1.96	0.42	1.26
PITCHRH_COS		3565.90	-9086.07	-281.65	172.84	0.65	6686.63	199.21	-158.74	140.99	54.56	-57.98	-145.37	62.70	57.14	41.34	-311.03
PITCHRH_SIN		0.00	684.35	-837.67	38.39	157.20	-619.73	215.73	21.61	2.07	58.94	-355.17	321.27	-104.07	55.35	263.52	30.54
ROLLRH_COS		4438.77	-793.97	924.65	-17.44	-169.13	-4399.28	85.36	-40.56	24.52	104.77	120.58	-207.67	83.29	16.19	-150.04	-58.93
ROLLRH_SIN		0.00	-9181.48	-403.63	136.79	309.26	5160.25	-28.05	-126.39	-193.31	36.81	85.92	60.13	-143.41	-32.74	-257.56	-164.47
TORQ_COS		107540.59	481.10	-15.11	89.42	126.34	-634.23	21.65	-26.61	-20.34	-0.05	-39.99	-3.01	0.46	-1.54	-5.73	5.13
TORQ_SIN		0.00	1316.77	-83.67	152.73	-77.09	17.92	-6.06	5.52	-1.91	1.16	85.78	-0.71	-15.47	5.70	-5.75	1.12
THRUST_COS		5602.82	-238.20	15.36	34.94	-14.27	-179.46	3.73	-1.48	-2.57	-0.35	-6.43	-3.62	2.62	-4.78	-13.50	1.27
THRUST_SIN		0.00	-271.81	-3.47	-0.97	17.93	-47.10	2.37	3.83	-0.27	-4.00	173.12	-1.42	-5.37	3.10	2.96	-21.89

RUN	POINT	Harmonics															
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-125.10	36.54	-23.97	10.13	1.10	29.52	5.54	6.43	-0.51	-5.16	4.25	8.19	-2.33	-0.49	3.95	2.41
SIDERH_SIN		0.00	213.86	2.70	1.93	-37.25	-590.84	-16.47	3.11	6.11	-0.39	-16.27	2.72	3.50	1.15	8.29	3.44
DRAGRH_COS		-158.17	214.28	13.47	1.27	11.30	47.32	-65.49	-1.20	1.67	-9.12	-9.55	8.07	-4.73	-1.35	-5.04	15.88
DRAGRH_SIN		0.00	-28.50	18.34	1.52	3.71	1001.88	22.67	-4.51	-2.68	-5.85	0.72	-13.90	4.13	-2.80	-11.50	-2.22

RUN	POINT	Harmonics															
55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	-0.93	0.99	0.01	0.00	-0.03	-0.01	0.00	-0.03	0.07	-0.01	-0.01	-0.02	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.30	-0.04	0.00	0.00	0.08	0.00	0.01	-0.01	0.03	-0.01	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.13	-1.12	-12.43	-0.40	6.93	-5.91	0.39	-0.44	-0.95	-0.38	-0.13	1.35	-0.21	-0.40	-0.97	0.06
ACT1FORCE_SIN		0.00	20.08	0.22	-12.24	12.55	3.70	-2.58	1.60	0.32	-0.50	-0.71	1.42	-0.17	-0.01	-0.05	-0.23
FA1IBCURRENT_COS		0.00	-0.02	0.00	0.01	-0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.08	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.45	-7.18	74.41	-177.08	136.76	40.22	-3.75	0.34	-0.31	-0.31	0.14	-0.23	-0.02	-0.15	-0.05	-0.08
FA1IBVOLTAGE_SIN		0.00	-119.40	-17.28	61.19	-133.28	-40.73	18.33	0.63	0.20	-0.13	-0.23	0.45	0.05	-0.21	-0.18	0.03
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.05	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.07	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.53	7.22	-75.01	177.74	-136.39	-40.81	3.46	0.33	-0.07	-0.02	0.02	0.20	-0.02	0.20	0.05	0.05
FA1OBVOLTAGE_SIN		0.00	120.08	17.33	-61.98	134.06	41.30	-19.07	-0.02	-0.13	-0.04	0.26	-0.43	-0.10	0.15	0.24	-0.05
MRBLD1CB42P75_COS		-812.65	-2268.65	581.33	-126.52	-567.95	198.63	-73.68	-25.62	41.45	-6.38	-23.34	-24.25	-13.68	2.91	9.70	-9.11
MRBLD1CB42P75_SIN		0.00	1340.38	144.90	-35.14	274.12	-190.70	64.42	-88.27	-75.40	142.53	-137.87	60.76	-13.24	-3.43	26.94	9.52

RUN	POINT	Harmonics															
55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4574.01	-1687.97	435.74	-189.05	-883.54	60.39	-167.94	-49.63	21.60	15.71	-76.54	-4.69	-15.34	9.78	5.21	3.52
MRBLD1CB70_SIN		0.00	1013.00	74.34	-105.45	479.11	-110.36	361.07	-58.52	-86.63	135.14	-64.17	35.78	-2.60	-6.98	26.28	25.11
MRBLD1CB120_COS		-220.57	-927.90	329.84	-147.48	-615.34	-137.17	-282.49	-13.86	-7.31	0.22	23.88	15.19	-3.80	5.78	-5.48	6.04
MRBLD1CB120_SIN		0.00	740.32	27.10	-53.84	641.67	-3.83	531.38	-92.02	4.62	-107.66	42.59	-26.73	15.85	-0.35	-0.34	3.85
MRBLD1CB164_COS		-1992.55	-288.23	58.42	-66.99	-167.41	-175.44	-168.37	17.78	-27.77	-14.17	82.20	-2.84	3.33	-8.93	1.99	-9.85
MRBLD1CB164_SIN		0.00	269.04	13.39	-14.33	323.19	37.76	224.09	-14.43	32.40	-148.15	28.39	-12.74	4.87	4.84	-13.22	-16.45
MRBLD1FB42P75_COS		2498.56	547.14	151.50	-1.14	915.06	118.76	-22.72	-181.62	-21.82	-148.85	-11.24	-12.65	-23.28	3.65	44.72	17.60
MRBLD1FB42P75_SIN		0.00	-280.79	215.29	567.44	743.12	-94.46	148.06	-387.30	26.57	-27.67	-300.52	71.42	-5.60	-16.95	1.31	3.56
MRBLD1FB70_COS		618.49	105.05	38.40	-24.19	225.00	30.66	-10.74	-20.62	2.51	0.21	-5.27	4.66	2.06	-1.03	-7.29	-3.04
MRBLD1FB70_SIN		0.00	-236.32	102.41	102.47	248.80	-44.69	37.21	-59.69	4.02	12.78	2.80	-0.67	2.06	1.84	-1.75	-0.36
MRBLD1FB87_COS		75.41	117.58	-35.67	-24.26	110.89	-22.81	-12.22	14.76	4.98	26.42	6.62	4.01	7.79	-0.38	-10.10	-3.20
MRBLD1FB87_SIN		0.00	-282.86	69.37	33.00	110.81	-0.19	-11.39	33.40	-4.12	3.99	68.82	-18.72	3.82	6.51	2.37	1.00
MRBLD1FB120_COS		-285.23	133.47	-133.83	-41.84	15.97	-87.22	-21.75	24.19	-11.71	-6.08	-2.33	-11.81	-10.50	0.63	14.47	5.58
MRBLD1FB120_SIN		0.00	-390.70	54.86	71.44	-9.06	80.81	-49.50	90.73	-4.07	-14.21	-23.05	7.30	-9.09	-10.24	-4.53	-2.85
MRBLD1FB164_COS		59.29	99.01	30.74	25.67	-407.92	-0.70	70.57	-5.28	9.61	6.94	0.12	9.26	10.22	-2.28	-14.19	-4.64
MRBLD1FB164_SIN		0.00	-506.93	33.11	337.01	-247.00	-3.19	-4.41	-133.67	12.88	20.33	44.95	-16.68	4.92	9.90	1.54	-2.53

RUN	POINT	Harmonics															
55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.64	-33.67	71.07	47.21	-304.17	41.14	46.56	-5.79	6.89	27.67	12.73	-2.58	-8.80	-7.23	13.79	9.60
MRBLD1FB180_SIN		0.00	-355.65	25.49	231.80	-161.11	-35.30	26.47	-129.95	13.99	14.40	135.63	-36.76	-7.09	-11.54	-7.71	-5.50
MRBLD1TOR51_COS		-1489.03	153.03	151.47	17.82	-231.83	195.74	-67.47	-13.97	-29.91	1.80	-7.89	11.36	-8.80	1.45	4.55	-0.48
MRBLD1TOR51_SIN		0.00	-137.87	90.46	242.28	-87.33	-2.05	-36.83	-42.80	4.34	-4.90	16.76	-0.57	-3.15	-8.63	4.49	3.37
MRBLD1TOR71_COS		-312.31	183.52	104.66	36.02	-211.91	174.43	-51.71	-12.74	-25.51	8.19	-7.32	11.07	-5.96	0.73	1.28	0.77
MRBLD1TOR71_SIN		0.00	-128.26	66.68	201.22	-119.50	5.76	-43.55	-19.45	5.89	-6.71	30.11	-10.06	-0.31	-5.48	2.33	1.59
MRBLD1TOR130_COS		-54.30	157.21	102.62	55.37	-225.37	142.32	-37.54	-10.74	-12.15	2.80	18.18	-1.72	-0.43	-0.66	-3.62	-0.04
MRBLD1TOR130_SIN		0.00	-101.14	17.24	191.82	-129.62	-9.99	-27.57	-30.80	5.72	-9.55	3.60	-7.52	2.73	3.29	-1.23	-1.72
MRBLD1TOR164_COS		-273.89	82.60	65.65	52.48	-106.18	86.20	-28.66	-12.38	-3.36	10.94	-0.28	-4.46	5.18	-0.30	-2.17	2.58
MRBLD1TOR164_SIN		0.00	-36.39	0.01	78.26	-17.23	-18.00	-9.62	-13.37	-0.46	-0.78	17.08	-15.51	-0.24	3.75	-3.39	-3.14
MRFBM1CB26P5_COS		-914.19	-1437.64	285.40	19.57	-26.51	69.84	29.05	9.04	2.92	-9.81	25.56	-4.58	0.75	-0.43	1.81	-0.43
MRFBM1CB26P5_SIN		0.00	524.02	164.45	-11.66	-173.23	-9.37	-72.88	-15.05	6.22	-7.24	-24.08	3.97	-2.52	0.49	1.06	-3.18
MRFBM1FB9_COS		574.77	263.76	-270.36	74.12	-41.35	-5.03	25.22	-5.92	0.70	4.41	-6.45	3.09	-0.07	-0.63	-0.10	0.09
MRFBM1FB9_SIN		0.00	-148.71	-112.04	-146.47	-117.28	7.43	9.02	23.31	2.28	0.72	6.64	-0.42	1.34	0.15	-1.45	-0.52
MRFBM1TOR26P5_COS		-103.88	80.71	5.36	-0.99	-6.94	2.95	1.27	0.18	-0.01	-0.45	-0.78	0.23	-0.08	-0.01	0.16	-0.08
MRFBM1TOR26P5_SIN		0.00	-279.97	1.84	1.12	-6.03	-0.31	-1.16	0.18	0.34	0.48	-0.32	0.80	-0.05	-0.12	0.00	0.09

RUN	POINT	Harmonics															
55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		450.62	-1628.31	453.43	-62.38	-156.12	124.60	-78.98	-23.33	45.24	0.20	9.72	-3.22	-9.96	2.57	6.55	-9.02
MRPC1CB33P25_SIN		0.00	1194.22	66.67	26.84	208.78	-177.25	-23.97	-77.12	-39.45	43.31	-113.83	46.92	-11.42	-6.20	19.82	10.96
MRPC1FB33P25_COS		1765.94	441.66	19.17	-72.05	586.29	116.20	-64.99	6.49	-18.84	-86.23	167.37	-52.61	-8.35	16.45	23.55	5.43
MRPC1FB33P25_SIN		0.00	-26.98	181.78	454.48	833.81	-45.77	125.19	-389.65	-2.66	-98.96	-227.50	43.05	-19.72	-5.35	41.53	20.41
MRPC1TOR25P5_COS		-362.82	-90.19	-186.66	-1.66	250.34	-204.55	67.51	12.94	33.29	9.23	29.30	-18.82	10.94	-1.10	-9.41	1.91
MRPC1TOR25P5_SIN		0.00	-134.37	-90.90	-257.23	145.02	-4.01	48.11	29.96	-12.08	-1.37	-20.26	-9.62	4.04	14.74	-1.30	-2.98
MRPLK1LOAD_COS		-6.07	-16.33	-24.31	-0.88	32.54	-28.16	5.71	1.98	5.04	2.81	5.98	-3.16	1.92	-0.05	-2.34	0.33
MRPLK1LOAD_SIN		0.00	-11.66	-12.96	-38.57	20.76	0.35	5.43	4.15	-2.19	-1.07	0.18	-5.02	0.65	2.42	-0.83	-0.96
PITCHRH_COS		3697.30	-9097.70	-374.59	151.08	92.95	7121.66	221.27	-66.53	87.49	49.31	-129.65	123.56	-38.92	105.45	138.81	-336.00
PITCHRH_SIN		0.00	617.04	-907.10	27.39	140.99	-3984.73	134.04	123.21	-0.78	32.97	-219.17	425.74	-38.42	14.42	27.94	477.90
ROLLRH_COS		4779.65	-692.03	946.82	10.76	-90.37	-3006.19	93.00	-6.70	-94.38	93.29	137.42	-130.98	-104.74	-75.73	-378.09	-600.83
ROLLRH_SIN		0.00	-9232.66	-460.09	75.93	328.82	6445.11	-182.45	-110.76	-51.07	-11.41	145.10	178.38	-82.85	-159.00	-18.81	-182.57
TORQ_COS		108068.42	491.71	-22.46	133.57	128.68	-691.45	19.20	-31.04	-10.61	4.88	-56.05	-6.43	-2.47	0.53	-9.11	12.82
TORQ_SIN		0.00	1307.51	-90.84	107.68	-91.20	223.91	-23.67	15.92	4.16	-1.68	92.63	-1.84	-20.15	4.31	-6.13	-0.63
THRUST_COS		5632.69	-241.05	11.79	35.22	-17.60	-186.32	0.67	-1.36	-2.83	-4.37	50.60	-7.66	-5.87	-0.06	-8.61	-13.15
THRUST_SIN		0.00	-272.22	-3.47	-13.68	22.46	74.83	4.57	4.01	1.55	-2.34	168.64	-0.38	-1.89	0.46	12.47	-30.01

RUN	POINT	Harmonics															
55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-123.45	30.83	-21.80	6.27	-18.35	-140.53	3.75	5.49	2.64	-5.72	-1.05	8.41	2.14	2.41	11.42	16.53
SIDERH_SIN		0.00	215.67	5.85	2.01	-39.94	-637.18	-10.37	1.28	0.35	1.73	-24.66	-2.45	2.36	4.87	1.61	4.27
DRAGRH_COS		-152.99	216.01	13.38	0.33	4.08	344.54	-51.70	-1.76	4.21	-9.98	-10.70	-3.76	0.30	-5.67	-8.29	14.97
DRAGRH_SIN		0.00	-25.23	17.53	0.20	4.69	1219.83	31.92	-3.57	-3.23	-1.22	-5.71	-20.42	3.15	-2.43	0.49	-23.08

RUN	POINT	Harmonics															
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	-0.94	0.62	0.00	0.00	0.02	-0.02	-0.02	-0.05	0.04	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	-0.29	-0.41	0.00	0.00	0.05	-0.01	-0.01	-0.01	-0.03	-0.01	0.00	0.01	-0.01
ACT1DISP_COS		2.66	0.00	0.00	0.10	-0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.05	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.28	-1.08	-11.29	-1.47	10.55	-3.09	-0.05	0.73	-0.40	-0.40	-0.75	1.28	0.01	0.08	-0.24	-0.15
ACT1FORCE_SIN		0.00	20.56	1.74	-13.30	6.37	4.40	-2.69	1.35	0.36	-0.65	-1.14	-0.26	-0.15	0.01	0.58	-0.29
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.01	-0.07	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.03	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		387.53	-5.45	65.67	-182.50	25.45	9.17	-2.75	0.58	0.07	-0.16	0.08	0.18	0.09	-0.05	-0.05	0.01
FA1IBVOLTAGE_SIN		0.00	-125.60	-31.25	69.09	-146.95	-38.18	26.21	0.10	0.23	0.02	-0.38	0.23	0.04	-0.02	0.01	0.05
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.06	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		418.37	5.58	-66.27	182.96	-24.74	-9.43	2.33	0.18	-0.12	-0.10	0.06	-0.16	-0.14	0.05	0.10	-0.02
FA1OBVOLTAGE_SIN		0.00	126.24	31.39	-69.95	147.47	38.87	-26.76	-0.09	0.12	0.00	0.26	-0.19	0.01	-0.04	0.00	-0.02
MRBLD1CB42P75_COS		-834.63	-2412.34	598.99	-192.24	-471.45	112.76	-51.93	-32.73	-17.00	38.44	-49.61	31.27	-24.03	-4.51	14.19	-6.91
MRBLD1CB42P75_SIN		0.00	1332.35	87.66	2.47	430.07	-266.07	38.54	-71.33	-51.42	87.90	-113.90	64.92	5.26	-2.54	0.87	21.52

RUN	POINT	Harmonics															
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4555.40	-1778.58	464.77	-307.15	-701.80	56.38	-26.37	-48.65	-36.01	53.54	-87.71	29.07	-16.44	1.70	13.82	10.04
MRBLD1CB70_SIN		0.00	1008.38	34.98	-61.66	795.74	-133.78	328.14	-32.43	-51.85	81.53	-29.97	33.50	11.89	-8.89	-0.03	26.70
MRBLD1CB120_COS		-230.11	-963.85	357.68	-233.53	-434.93	-63.36	-53.32	-34.72	20.46	-34.96	15.23	-14.29	7.28	5.08	0.41	1.10
MRBLD1CB120_SIN		0.00	739.53	8.04	-0.10	864.19	58.61	536.97	-67.81	-9.65	-71.71	34.83	-32.60	9.48	-0.94	2.24	-1.17
MRBLD1CB164_COS		-1995.36	-296.35	72.92	-98.50	-89.73	-106.16	-57.95	6.58	22.21	-55.26	71.31	-21.28	7.15	-3.60	-7.81	-11.20
MRBLD1CB164_SIN		0.00	268.35	17.13	14.73	371.03	96.85	252.51	-15.28	10.62	-97.13	2.91	-11.59	-1.06	8.07	1.11	-15.13
MRBLD1FB42P75_COS		2494.69	571.38	126.04	90.31	878.27	-22.51	-19.18	-258.19	-5.36	-135.93	-91.50	31.82	-17.34	-3.91	15.99	24.94
MRBLD1FB42P75_SIN		0.00	-286.74	196.70	794.71	249.80	-85.73	99.91	-324.07	-19.76	-2.04	-258.60	56.48	10.79	-11.80	-37.11	15.87
MRBLD1FB70_COS		614.33	101.71	33.67	-19.14	232.71	-6.13	-5.43	-31.79	3.25	2.87	-3.83	3.12	2.56	0.59	-2.17	-3.28
MRBLD1FB70_SIN		0.00	-241.82	100.00	179.89	115.09	-40.34	28.36	-48.58	2.36	10.60	5.23	-2.05	0.92	2.24	5.74	-3.24
MRBLD1FB87_COS		73.24	118.24	-38.27	-30.56	115.42	-23.25	-10.99	21.76	3.71	24.42	23.65	-8.69	6.14	1.71	-3.50	-5.63
MRBLD1FB87_SIN		0.00	-286.12	74.92	75.67	44.33	5.99	-5.64	28.55	1.13	1.65	58.67	-13.60	-0.82	5.09	10.74	-1.32
MRBLD1FB120_COS		-284.10	135.63	-142.30	-58.16	8.71	-43.04	-27.88	39.98	-13.02	-9.82	-7.31	-2.40	-9.61	-2.26	5.25	8.40
MRBLD1FB120_SIN		0.00	-391.17	65.19	114.83	-12.81	86.05	-31.40	74.18	1.58	-14.00	-22.94	7.11	-4.68	-9.22	-16.41	1.01
MRBLD1FB164_COS		65.76	92.82	-9.22	63.98	-400.42	24.73	61.16	-33.32	12.39	13.03	11.82	-3.34	7.70	0.61	-8.08	-7.69
MRBLD1FB164_SIN		0.00	-489.43	7.97	365.54	-8.38	11.01	-19.70	-112.96	5.32	18.34	41.01	-13.68	-0.91	6.98	9.30	-2.98

RUN	POINT	Harmonics															
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.39	-36.81	40.51	80.63	-283.19	38.70	44.48	-33.78	15.48	28.21	45.26	-24.49	-11.80	-8.58	3.50	10.02
MRBLD1FB180_SIN		0.00	-342.22	4.99	228.89	8.72	-22.57	8.46	-114.04	11.13	16.56	109.80	-28.52	-12.53	-12.85	-20.15	-0.88
MRBLD1TOR51_COS		-1490.31	147.40	152.97	65.26	-231.07	140.02	-63.10	-19.00	-21.20	-2.64	-5.75	4.47	-4.11	0.46	8.42	-0.53
MRBLD1TOR51_SIN		0.00	-138.28	62.39	274.47	9.95	-60.75	-5.74	-44.06	11.48	-3.96	16.81	-11.26	-2.69	-8.88	0.19	6.21
MRBLD1TOR71_COS		-312.58	180.11	106.63	81.91	-215.96	128.70	-50.72	-13.00	-17.61	0.67	-0.83	-0.39	-1.53	0.73	4.03	-0.56
MRBLD1TOR71_SIN		0.00	-129.77	44.61	219.82	-21.14	-46.38	-13.12	-21.37	11.76	-6.21	27.12	-17.40	-1.35	-6.08	1.05	2.60
MRBLD1TOR130_COS		-53.78	152.71	104.09	102.12	-226.04	101.81	-34.64	-13.84	-5.79	-3.50	16.96	-6.24	-0.58	-0.21	-4.91	-1.26
MRBLD1TOR130_SIN		0.00	-102.41	-1.74	193.56	-19.13	-50.27	-5.94	-27.99	6.17	-9.74	-2.23	-3.86	2.43	2.39	0.65	-3.04
MRBLD1TOR164_COS		-273.40	77.99	71.48	80.10	-90.97	52.49	-23.49	-12.96	-1.68	6.50	8.21	-9.82	2.24	0.15	-4.54	0.72
MRBLD1TOR164_SIN		0.00	-38.32	-9.65	70.42	23.90	-42.21	1.26	-9.24	1.02	-4.13	14.22	-7.58	-1.96	2.85	-3.80	-3.97
MRFBM1CB26P5_COS		-933.55	-1515.94	296.71	31.20	-77.86	53.18	-0.03	5.20	5.03	-8.40	17.90	-1.18	-0.49	-0.26	2.24	-3.07
MRFBM1CB26P5_SIN		0.00	503.24	133.94	-21.09	-163.71	-41.78	-74.49	-18.28	1.93	-2.88	-28.80	5.53	-2.14	0.41	-0.35	-1.64
MRFBM1FB9_COS		564.19	314.81	-258.87	73.24	-57.02	6.81	25.85	-0.46	0.68	2.82	-3.55	1.55	1.02	-0.20	-1.34	0.59
MRFBM1FB9_SIN		0.00	-151.83	-80.92	-208.75	-71.52	11.86	3.33	22.74	2.69	0.43	7.24	-1.96	0.95	0.52	-0.30	-0.93
MRFBM1TOR26P5_COS		-103.69	79.45	5.42	-0.69	-7.88	2.32	0.45	0.25	0.00	-0.02	-0.86	0.52	-0.01	-0.03	0.18	0.05
MRFBM1TOR26P5_SIN		0.00	-278.20	1.41	1.60	-2.94	-0.88	-1.18	0.00	0.30	0.61	0.06	0.42	-0.04	-0.07	-0.02	0.16

RUN	POINT	Harmonics															
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		429.02	-1746.84	453.74	-81.35	-116.68	37.50	-88.49	-28.05	18.86	10.37	-16.09	32.20	-16.37	-3.98	11.88	-6.72
MRPC1CB33P25_SIN		0.00	1200.48	24.15	46.15	200.39	-220.74	-23.32	-67.98	-37.25	16.65	-105.90	42.15	1.86	-3.28	1.17	20.10
MRPC1FB33P25_COS		1765.76	467.33	1.01	-41.20	669.58	1.91	-42.29	-76.93	10.54	-91.22	86.62	-11.14	-16.34	7.40	39.09	-0.55
MRPC1FB33P25_SIN		0.00	-29.79	163.54	655.69	424.73	-74.52	82.12	-369.13	-31.96	-77.08	-242.97	61.82	-5.33	-9.35	-6.88	32.73
MRPC1TOR25P5_COS		-363.11	-87.15	-188.15	-55.41	260.24	-148.09	65.66	15.64	22.55	8.56	27.32	-13.00	2.75	0.55	-12.90	-1.37
MRPC1TOR25P5_SIN		0.00	-131.26	-61.54	-284.99	30.69	58.10	11.89	33.19	-19.13	-7.37	-26.82	11.67	5.19	13.05	1.85	-7.21
MRPLK1LOAD_COS		-5.67	-15.97	-24.33	-8.47	34.57	-20.09	5.88	2.43	3.60	1.48	6.41	-3.80	0.65	0.32	-3.02	-0.77
MRPLK1LOAD_SIN		0.00	-11.31	-9.03	-42.59	5.25	8.90	1.36	4.85	-3.04	-2.41	-1.99	-0.97	0.50	2.00	0.07	-1.60
PITCHRH_COS		2768.60	-9141.44	-374.12	126.38	97.32	4348.32	250.24	-50.55	126.61	76.15	-107.07	319.70	-43.24	19.22	54.97	-120.01
PITCHRH_SIN		0.00	684.92	-1014.76	-13.41	121.04	-5968.00	-29.32	101.14	-124.89	-17.29	-94.25	203.32	-42.10	-61.11	-153.86	467.18
ROLLRH_COS		4874.97	-763.62	1060.48	4.97	-20.37	-351.50	134.29	-76.23	-8.60	126.33	248.78	44.16	-102.68	-182.02	-150.49	-334.07
ROLLRH_SIN		0.00	-9226.91	-533.54	70.95	384.91	6007.68	-139.51	-94.99	51.47	-56.04	85.39	197.83	-26.43	-110.34	271.53	335.06
TORQ_COS		107695.43	506.79	-24.67	155.74	130.44	-488.42	1.10	-28.15	-6.13	4.86	-27.87	-6.02	-11.28	-2.54	-3.05	8.71
TORQ_SIN		0.00	1302.20	-82.16	63.37	-120.33	468.77	-17.72	39.46	9.97	-6.26	100.81	3.99	-5.21	3.32	-2.10	-7.68
THRUST_COS		5603.54	-247.80	10.54	29.86	-14.38	-95.51	-2.17	-1.51	-0.82	-4.23	92.47	-6.13	-8.14	-1.64	-1.48	-19.99
THRUST_SIN		0.00	-262.20	-12.60	-23.34	30.06	113.55	2.69	8.73	4.75	1.05	112.67	1.71	3.27	-4.70	14.62	-21.15

RUN	POINT	Harmonics															
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-124.39	34.04	-26.10	4.83	-31.06	-330.29	-4.22	5.47	0.48	-6.12	-15.51	3.90	2.24	5.63	5.33	8.62
SIDERH_SIN		0.00	212.30	8.07	-1.64	-43.66	-490.92	-13.81	-1.02	-1.81	3.70	-18.71	-6.53	1.18	3.18	-7.84	-9.33
DRAGRH_COS		-162.31	214.92	13.18	0.89	10.18	741.66	-42.61	-0.43	5.27	-10.07	-17.93	-11.95	1.74	-3.00	-2.35	4.55
DRAGRH_SIN		0.00	-25.79	16.08	0.16	6.93	908.15	49.55	0.03	-0.90	3.11	1.83	-13.15	3.13	2.49	8.59	-23.59

RUN	POINT	Harmonics															
55	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	-0.95	-0.05	0.00	0.00	0.02	-0.04	0.00	-0.02	0.00	0.00	0.00	0.01	-0.01
FLAP1C_SIN		0.00	-0.01	0.00	-0.26	-0.49	0.01	0.00	0.03	0.03	0.02	0.03	0.01	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.97	-1.66	-10.89	-2.95	8.73	-1.07	-0.89	0.71	-0.88	-0.31	-0.92	-0.02	-0.18	0.04	0.26	-0.20
ACT1FORCE_SIN		0.00	20.54	4.22	-12.66	-2.00	3.85	-1.11	0.29	0.44	0.58	0.35	-0.14	0.37	-0.07	0.41	0.15
FA1IBCURRENT_COS		-0.01	-0.02	-0.01	0.02	-0.04	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		390.30	0.84	64.93	-185.60	-89.04	0.32	6.21	0.23	0.21	-0.04	-0.31	-0.07	0.01	0.02	-0.10	0.02
FA1IBVOLTAGE_SIN		0.00	-127.90	-48.42	78.29	-72.90	-24.99	12.13	-0.33	-0.03	0.22	-0.15	-0.22	-0.06	0.01	0.02	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.04	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.55	-0.59	-65.40	185.66	90.00	-0.05	-6.65	0.06	0.08	-0.02	0.27	0.11	0.02	-0.05	0.08	0.00
FA1OBVOLTAGE_SIN		0.00	128.38	48.74	-79.23	72.75	25.57	-12.35	-0.17	0.07	-0.10	0.09	0.17	0.08	-0.01	-0.06	0.06
MRBLD1CB42P75_COS		-863.42	-2307.96	594.45	-197.25	-267.25	-38.85	-29.73	-12.54	-22.52	25.33	-40.14	55.64	-16.21	-7.57	2.02	2.51
MRBLD1CB42P75_SIN		0.00	1450.46	-6.15	81.23	505.56	-271.98	7.66	-50.01	13.31	12.87	-62.13	24.37	11.99	4.95	-15.15	22.41

RUN	POINT	Harmonics															
55	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4543.07	-1697.92	462.81	-353.35	-287.53	1.20	101.14	-8.75	-30.41	34.69	-33.83	41.84	-7.23	-2.95	-1.07	14.18
MRBLD1CB70_SIN		0.00	1080.82	-49.53	64.33	913.84	-198.60	211.95	-11.98	21.09	10.42	9.07	10.11	8.31	0.16	-15.54	20.78
MRBLD1CB120_COS		-231.55	-924.35	355.06	-240.96	-69.19	11.46	169.55	-19.35	18.69	-22.90	5.55	-30.18	8.71	4.61	5.40	-1.61
MRBLD1CB120_SIN		0.00	766.73	-57.78	111.98	897.87	-14.29	380.32	-32.80	-34.19	-12.10	30.36	-7.25	1.50	-1.56	1.49	2.82
MRBLD1CB164_COS		-1991.90	-288.19	72.21	-95.88	32.67	-16.78	56.06	1.85	21.52	-36.63	19.83	-27.29	6.06	1.78	-0.74	-8.59
MRBLD1CB164_SIN		0.00	271.95	-1.30	66.67	343.99	66.58	196.82	-10.10	-39.18	-20.33	-11.91	2.06	2.08	3.72	12.24	-13.13
MRBLD1FB42P75_COS		2471.95	543.70	103.14	410.86	547.44	-140.68	-25.12	-266.11	-40.92	-71.75	-142.32	36.24	-5.06	-6.17	-12.17	35.90
MRBLD1FB42P75_SIN		0.00	-297.68	210.17	864.81	-72.33	45.59	24.03	-182.12	-48.86	9.76	-124.53	17.11	12.72	-10.95	-44.89	17.06
MRBLD1FB70_COS		609.57	98.75	27.60	66.28	157.90	-37.27	-0.92	-31.70	2.15	5.07	1.11	1.29	2.43	1.74	3.16	-5.64
MRBLD1FB70_SIN		0.00	-240.33	105.99	220.50	11.35	-8.12	10.80	-27.27	1.16	6.45	5.79	-1.20	-0.08	2.51	7.62	-4.75
MRBLD1FB87_COS		69.50	117.62	-38.14	5.37	73.83	-18.30	-7.86	22.34	7.35	14.59	33.31	-9.68	3.00	2.14	3.53	-7.78
MRBLD1FB87_SIN		0.00	-288.87	89.48	107.57	-11.32	12.69	1.83	16.67	4.62	0.81	29.97	-1.19	-1.00	4.82	12.52	0.03
MRBLD1FB120_COS		-287.80	142.62	-137.42	-35.17	-5.99	3.06	-29.73	38.03	-9.34	-14.42	-14.71	0.72	-7.29	-4.13	-4.90	11.35
MRBLD1FB120_SIN		0.00	-397.57	98.27	157.38	-17.66	61.56	-0.78	42.98	3.61	-10.73	-18.16	-2.02	-4.04	-9.74	-19.74	-0.05
MRBLD1FB164_COS		57.11	100.75	-33.37	137.71	-227.79	49.66	46.96	-42.11	8.90	15.77	23.75	-8.55	3.29	2.04	-1.28	-9.31
MRBLD1FB164_SIN		0.00	-485.69	34.20	349.64	170.60	-10.97	-36.40	-68.99	0.64	13.66	27.30	-1.44	-2.47	5.17	11.53	-0.58

RUN	POINT	Harmonics															
55	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-8.46	-32.79	19.67	123.25	-143.25	36.05	36.29	-43.36	15.67	18.59	61.68	-27.59	-14.07	-11.17	-6.31	14.47
MRBLD1FB180_SIN		0.00	-338.29	15.61	196.66	130.69	-20.80	-17.11	-72.25	7.47	15.42	53.94	-7.03	-10.99	-13.76	-24.50	-0.09
MRBLD1TOR51_COS		-1496.41	148.92	135.18	143.72	-144.42	40.02	-23.89	-21.30	-7.88	0.29	3.19	-4.72	-1.57	-1.87	6.96	3.72
MRBLD1TOR51_SIN		0.00	-140.17	42.49	259.39	118.09	-76.54	-2.04	-36.35	13.83	1.44	17.60	-5.58	-2.23	-6.40	-5.78	5.63
MRBLD1TOR71_COS		-316.80	178.98	92.11	144.08	-135.39	44.27	-17.57	-12.20	-5.59	1.24	6.51	-7.98	-1.28	-1.36	4.25	1.36
MRBLD1TOR71_SIN		0.00	-132.97	30.32	195.42	86.17	-62.77	-4.62	-20.44	13.45	1.66	21.10	-7.05	-1.72	-3.91	-2.48	4.08
MRBLD1TOR130_COS		-57.28	150.88	91.66	149.00	-135.59	32.03	-7.57	-12.69	0.47	-1.29	6.10	-2.15	-2.83	-1.46	-4.27	-3.67
MRBLD1TOR130_SIN		0.00	-104.86	-14.10	155.35	89.45	-58.42	-2.30	-23.11	4.28	-0.28	-5.13	2.71	3.01	3.43	2.80	-0.81
MRBLD1TOR164_COS		-274.00	74.44	67.97	97.69	-40.79	3.42	-6.79	-9.41	1.02	2.99	7.59	-4.10	-2.10	0.74	-3.74	-2.29
MRBLD1TOR164_SIN		0.00	-39.62	-22.95	41.28	58.63	-38.04	1.61	-6.31	0.53	-2.56	2.79	-1.05	-2.16	1.18	-0.88	-2.02
MRFBM1CB26P5_COS		-962.87	-1442.65	294.08	30.27	-120.56	12.82	-26.64	-0.85	1.60	-3.39	-0.18	0.99	-1.07	0.09	2.95	-2.86
MRFBM1CB26P5_SIN		0.00	578.74	89.05	-40.44	-106.83	-45.58	-57.56	-15.38	-2.61	-0.34	-24.56	2.67	-0.21	-0.63	-1.42	1.31
MRFBM1FB9_COS		531.95	259.53	-233.28	5.61	-40.38	23.08	18.95	4.61	1.29	1.04	-0.54	0.03	0.92	-0.06	-1.36	0.68
MRFBM1FB9_SIN		0.00	-146.26	-71.29	-254.68	-31.58	7.04	-0.60	17.07	2.72	0.76	5.45	-1.39	0.29	0.38	0.71	-1.26
MRFBM1TOR26P5_COS		-103.47	77.56	4.80	0.03	-6.17	1.21	-0.27	0.15	-0.04	0.14	-0.18	0.23	0.17	0.04	0.14	0.17
MRFBM1TOR26P5_SIN		0.00	-278.67	1.03	1.69	1.09	-1.14	-1.11	-0.09	0.32	0.14	0.43	0.01	-0.06	-0.10	-0.06	-0.02

RUN	POINT	Harmonics															
55	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		413.50	-1681.59	452.94	-63.48	-87.29	-77.76	-84.54	-20.53	5.89	-1.14	-33.46	40.55	-10.77	-6.13	5.07	2.02
MRPC1CB33P25_SIN		0.00	1296.35	-41.20	75.33	189.68	-182.77	-14.91	-53.02	-16.22	-6.08	-68.35	11.32	6.56	2.81	-13.47	22.16
MRPC1FB33P25_COS		1748.19	449.76	-17.33	207.07	476.84	-125.56	-21.39	-137.74	-7.51	-51.42	-26.60	19.46	-11.48	5.49	28.95	3.76
MRPC1FB33P25_SIN		0.00	-43.14	171.06	770.80	84.23	-3.47	12.79	-259.94	-67.84	-35.81	-175.73	36.43	4.24	-10.70	-34.84	44.80
MRPC1TOR25P5_COS		-353.88	-89.13	-168.73	-134.34	169.51	-44.52	27.18	17.64	8.25	2.61	4.18	5.69	-2.86	1.38	-9.55	-9.64
MRPC1TOR25P5_SIN		0.00	-127.95	-41.82	-261.99	-101.13	76.81	5.95	29.70	-19.89	-7.81	-32.61	11.98	6.78	10.48	8.55	-0.72
MRPLK1LOAD_COS		-4.79	-15.97	-21.64	-19.55	22.60	-5.42	1.70	2.91	1.90	0.11	1.60	-0.41	-1.10	0.13	-2.19	-2.31
MRPLK1LOAD_SIN		0.00	-10.73	-6.49	-39.34	-13.39	11.22	1.48	4.19	-3.26	-1.22	-4.47	0.76	0.74	1.92	1.40	0.18
PITCHRH_COS		3506.88	-9199.80	-452.65	74.60	70.71	780.46	235.18	-27.93	47.55	15.22	-1.44	168.79	10.26	-57.25	-32.18	-5.41
PITCHRH_SIN		0.00	837.02	-1073.33	-47.43	145.24	-5242.76	-56.50	4.29	-96.98	-25.26	-131.65	-60.03	23.73	-69.16	-96.42	263.21
ROLLRH_COS		5006.95	-826.32	1151.76	-61.11	70.65	1192.64	105.24	-85.71	-3.57	39.85	292.33	112.65	-94.63	-185.02	89.77	101.49
ROLLRH_SIN		0.00	-9206.86	-565.44	50.39	460.17	3887.97	-267.37	-46.39	41.64	-75.19	-31.51	144.16	-4.72	42.61	188.92	186.10
TORQ_COS		106771.37	565.99	-39.24	116.65	107.66	-123.63	2.72	-22.21	10.25	1.94	20.97	-3.15	-2.55	-2.15	-6.57	-2.33
TORQ_SIN		0.00	1300.75	-71.15	25.83	-161.67	508.18	-2.91	41.82	2.24	-8.79	80.79	4.90	-2.39	7.77	-3.60	-5.06
THRUST_COS		5521.94	-262.96	4.03	19.43	-2.63	20.17	-3.38	1.85	2.02	0.39	62.68	1.83	-8.89	-4.25	4.09	-5.33
THRUST_SIN		0.00	-262.82	-22.00	-16.07	34.52	68.46	8.06	12.88	3.15	7.23	37.73	-8.89	3.95	1.45	5.73	-5.21

RUN	POINT	Harmonics															
55	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-122.94	31.99	-31.10	-0.08	-52.50	-377.99	-7.87	2.82	-0.17	-2.32	-18.41	-2.20	1.46	5.33	-2.42	-3.16
SIDERH_SIN		0.00	211.46	9.58	-5.97	-32.34	-235.64	2.55	-2.87	-2.02	4.02	-4.12	-6.60	0.17	-1.36	-6.03	-4.50
DRAGRH_COS		-160.97	214.88	18.35	4.61	24.69	843.43	5.33	-1.90	4.10	-6.30	-16.24	-9.30	0.01	3.14	3.49	-0.65
DRAGRH_SIN		0.00	-28.12	11.54	-1.40	2.58	362.28	42.29	5.43	-0.75	1.75	15.02	-0.78	0.19	2.76	4.16	-11.16

RUN	POINT	Harmonics															
55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	-0.93	-0.26	0.00	0.00	0.03	-0.03	0.00	-0.01	0.00	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.01	-0.32	-0.42	0.00	0.00	0.02	0.01	0.02	0.04	0.02	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.81	-2.04	-11.48	-2.64	7.11	-0.45	-1.06	0.66	-0.53	-0.26	-0.87	0.01	0.06	-0.02	0.19	0.01
ACT1FORCE_SIN		0.00	19.97	3.84	-12.10	-3.84	2.88	-0.07	0.36	0.17	0.53	0.87	0.39	0.27	-0.21	0.22	0.17
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		383.83	0.93	76.05	-186.18	-117.30	2.54	5.52	0.09	0.24	0.01	-0.37	-0.20	-0.04	0.02	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-119.33	-44.87	60.89	-35.48	-19.12	1.32	-0.29	-0.13	0.05	-0.07	-0.14	-0.03	0.01	0.02	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		422.01	-0.74	-76.52	186.31	118.09	-2.22	-5.79	0.01	0.01	0.00	0.32	0.20	0.06	-0.03	-0.02	-0.01
FA1OBVOLTAGE_SIN		0.00	119.73	45.15	-61.49	35.32	19.62	-1.47	-0.24	0.03	0.03	0.07	0.09	0.02	0.00	-0.05	0.03
MRBLD1CB42P75_COS		-884.11	-2385.81	580.22	-187.60	-210.29	-70.47	-33.08	-6.45	-13.79	-8.02	-28.47	41.99	-17.68	-12.19	1.77	-7.01
MRBLD1CB42P75_SIN		0.00	1413.30	4.70	105.01	459.58	-247.74	-25.75	-28.71	25.56	8.23	-77.79	24.17	8.34	7.62	-10.93	19.00

RUN	POINT	Harmonics															
55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4528.82	-1751.96	449.81	-342.06	-175.62	-17.74	84.31	-1.26	-18.59	1.66	-24.85	33.07	-11.49	-6.34	-0.48	-1.13
MRBLD1CB70_SIN		0.00	1060.07	-51.03	99.50	834.98	-163.15	129.54	6.87	32.50	6.05	-16.44	10.78	4.26	3.35	-10.61	22.78
MRBLD1CB120_COS		-228.75	-954.73	351.92	-214.76	-4.67	14.32	164.92	0.56	17.93	-0.99	0.16	-26.59	4.80	4.83	3.70	-3.71
MRBLD1CB120_SIN		0.00	766.78	-57.86	134.22	819.77	17.82	267.34	-16.85	-33.88	-12.80	37.96	-8.90	0.99	-1.71	1.77	3.45
MRBLD1CB164_COS		-1992.64	-300.02	77.32	-80.47	41.52	-2.73	64.15	9.34	18.82	-5.61	11.00	-25.32	5.68	2.35	-4.14	0.66
MRBLD1CB164_SIN		0.00	278.57	-2.23	68.86	306.18	72.99	148.99	-10.55	-45.42	-19.72	9.60	-1.14	3.13	1.21	7.42	-15.20
MRBLD1FB42P75_COS		2483.86	560.54	110.91	477.56	325.13	-194.86	-54.48	-195.89	-41.56	-61.67	-103.94	25.41	-3.81	-2.93	-0.55	26.98
MRBLD1FB42P75_SIN		0.00	-299.37	244.77	849.40	-65.24	60.78	-20.94	-143.07	-58.34	-17.14	-112.07	17.75	9.32	-9.41	-37.68	25.58
MRBLD1FB70_COS		607.09	105.84	35.43	91.51	99.41	-47.77	-6.73	-20.59	1.36	2.02	0.06	0.65	1.19	0.28	0.75	-4.65
MRBLD1FB70_SIN		0.00	-251.73	117.22	221.43	4.74	-1.57	0.48	-18.14	2.36	6.56	5.48	0.42	1.14	2.51	6.86	-6.41
MRBLD1FB87_COS		64.27	126.32	-31.36	19.00	46.85	-16.52	-5.70	16.25	7.29	13.27	25.20	-6.62	2.44	1.20	0.46	-5.73
MRBLD1FB87_SIN		0.00	-299.19	95.65	107.84	-16.88	11.44	3.37	12.00	6.09	4.66	28.01	-1.78	-0.19	4.11	10.38	-2.38
MRBLD1FB120_COS		-295.52	154.39	-134.24	-35.70	-6.53	13.79	-21.11	21.36	-8.98	-11.52	-11.58	-0.10	-5.71	-1.79	-0.05	8.45
MRBLD1FB120_SIN		0.00	-408.26	106.48	158.02	-22.85	46.99	11.35	30.83	1.64	-10.45	-18.58	-3.70	-5.76	-9.42	-16.34	4.09
MRBLD1FB164_COS		54.97	117.47	-36.82	120.31	-136.85	54.55	41.73	-24.99	8.71	13.74	17.97	-5.00	3.32	0.76	-3.13	-7.28
MRBLD1FB164_SIN		0.00	-505.23	60.24	346.62	181.63	-8.53	-41.60	-50.45	-0.15	12.65	26.31	-1.33	-1.33	4.53	8.50	-2.15

RUN	POINT	Harmonics															
55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.95	-23.98	15.61	110.71	-74.86	34.43	28.76	-26.45	11.97	15.00	46.74	-18.79	-10.26	-6.49	0.67	12.18
MRBLD1FB180_SIN		0.00	-352.76	33.77	192.17	138.19	-9.84	-27.88	-52.62	8.36	17.73	49.83	-13.00	-13.02	-15.07	-21.31	5.02
MRBLD1TOR51_COS		-1494.85	151.51	126.57	148.02	-116.47	-1.06	-4.23	-7.02	-5.75	3.24	1.34	-2.77	-0.65	0.43	7.00	2.29
MRBLD1TOR51_SIN		0.00	-136.32	53.52	252.06	131.36	-62.43	-9.93	-30.98	7.76	3.43	16.21	-4.18	-3.32	-7.20	-3.42	3.24
MRBLD1TOR71_COS		-316.27	182.16	86.06	145.46	-105.09	8.82	0.99	-1.25	-4.81	4.86	1.94	-4.10	-0.91	0.35	4.01	1.22
MRBLD1TOR71_SIN		0.00	-129.92	39.10	187.76	100.99	-50.19	-7.53	-18.42	8.28	5.12	19.06	-5.44	-1.91	-3.26	-1.91	3.20
MRBLD1TOR130_COS		-56.71	153.73	87.25	144.51	-98.27	4.26	6.43	-2.66	-0.38	2.89	1.83	-0.17	-3.80	-2.23	-4.32	-2.21
MRBLD1TOR130_SIN		0.00	-100.87	-6.86	146.55	102.69	-45.48	-5.20	-19.12	1.12	1.94	-4.19	2.70	3.51	5.58	0.20	0.62
MRBLD1TOR164_COS		-273.58	74.95	65.98	95.76	-26.86	-13.41	0.28	-4.08	-0.69	3.99	3.55	-1.23	-2.17	0.39	-2.71	-2.09
MRBLD1TOR164_SIN		0.00	-34.57	-22.79	36.76	59.96	-29.10	-0.99	-5.02	-0.02	-0.63	0.67	-2.23	-1.20	3.09	-1.75	0.41
MRFBM1CB26P5_COS		-973.52	-1486.53	282.50	26.41	-115.27	5.19	-23.10	-0.89	0.22	-1.57	1.08	0.05	-0.27	0.27	2.54	-1.73
MRFBM1CB26P5_SIN		0.00	537.01	95.43	-38.33	-86.92	-51.01	-46.14	-14.74	-3.32	-1.37	-19.57	2.18	0.02	-0.73	-1.01	0.50
MRFBM1FB9_COS		559.43	270.16	-230.52	-10.57	-18.61	27.68	15.84	2.98	0.92	1.08	-1.00	0.31	0.79	0.02	-1.14	1.06
MRFBM1FB9_SIN		0.00	-133.96	-95.58	-255.81	-22.95	8.01	3.37	12.76	2.89	1.98	5.02	-0.79	0.48	0.39	0.37	-0.84
MRFBM1TOR26P5_COS		-103.43	83.10	4.53	0.19	-4.86	0.75	-0.39	0.16	0.07	-0.04	0.10	0.08	0.19	0.05	0.14	0.11
MRFBM1TOR26P5_SIN		0.00	-276.83	1.33	1.54	1.88	-0.83	-1.06	-0.18	0.31	-0.02	0.44	0.02	-0.09	-0.24	0.04	-0.09

RUN	POINT	Harmonics															
55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		406.18	-1747.90	447.83	-59.29	-93.32	-99.42	-76.36	-12.60	7.50	-12.94	-24.40	31.18	-11.77	-9.32	5.56	-6.65
MRPC1CB33P25_SIN		0.00	1277.25	-28.13	84.04	168.37	-169.11	-30.97	-40.46	-8.87	-5.00	-70.49	12.67	4.58	5.54	-9.44	18.47
MRPC1FB33P25_COS		1759.21	460.09	-15.67	262.87	294.03	-171.91	-31.53	-95.66	-1.23	-30.11	-5.60	10.82	-7.98	5.88	28.88	-10.04
MRPC1FB33P25_SIN		0.00	-44.90	195.05	773.11	39.17	-6.97	-35.73	-201.49	-72.91	-48.03	-144.59	30.30	3.91	-5.53	-21.15	42.00
MRPC1TOR25P5_COS		-357.82	-87.44	-158.95	-136.77	135.18	-0.57	5.99	3.53	6.11	1.20	1.26	5.83	-4.89	-2.30	-10.19	-7.47
MRPC1TOR25P5_SIN		0.00	-130.19	-53.29	-251.60	-120.99	62.21	14.44	27.08	-12.83	-6.73	-30.11	9.88	9.28	15.79	3.16	4.13
MRPLK1LOAD_COS		-5.41	-15.89	-20.23	-19.74	17.81	0.70	-0.63	1.03	1.31	0.41	0.07	0.44	-1.46	-0.38	-2.14	-1.65
MRPLK1LOAD_SIN		0.00	-11.27	-8.02	-37.86	-16.60	9.09	2.63	3.99	-2.19	-0.53	-4.34	0.40	1.33	3.34	0.06	1.13
PITCHRH_COS		3363.70	-9216.10	-436.98	89.06	63.72	-159.49	183.90	-10.35	77.94	27.41	1.18	91.70	-27.30	-58.47	-1.16	-85.50
PITCHRH_SIN		0.00	668.18	-1057.54	-38.99	91.61	-3890.22	-213.01	32.48	-29.67	27.36	-170.69	-13.24	43.74	-29.28	-40.10	173.64
ROLLRH_COS		4932.25	-669.77	1076.91	-63.29	78.95	890.90	168.55	-107.50	66.52	28.63	309.95	42.93	-40.82	-81.30	93.35	17.63
ROLLRH_SIN		0.00	-9251.51	-521.99	45.53	452.80	2578.23	-124.12	-67.31	4.10	-69.85	-9.85	88.34	3.76	38.06	120.31	109.04
TORQ_COS		106727.39	515.19	-28.13	90.93	104.35	-47.63	1.27	-6.16	12.28	0.50	14.45	-2.44	-0.02	-0.64	-2.39	-2.36
TORQ_SIN		0.00	1298.26	-70.23	20.32	-158.69	461.25	-2.52	54.92	4.65	-7.61	70.29	3.13	-3.99	7.94	-3.77	-1.27
THRUST_COS		5593.64	-255.20	1.75	16.77	-1.14	59.48	-4.55	10.95	-3.87	6.25	19.41	2.32	-9.06	-0.17	-4.73	7.33
THRUST_SIN		0.00	-263.00	-21.12	-11.60	31.46	47.28	5.86	14.45	-1.33	6.09	36.65	-7.35	4.72	4.57	0.02	-10.42

RUN	POINT	Harmonics															
55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-124.06	33.04	-25.89	-0.32	-46.23	-303.44	-7.35	2.53	-1.78	-2.19	-14.13	-0.78	-0.58	2.20	-2.50	-0.67
SIDERH_SIN		0.00	212.49	7.68	-5.14	-29.78	-159.24	-5.35	-0.01	-0.58	3.75	-3.73	-3.09	0.40	-0.99	-3.57	-2.71
DRAGRH_COS		-163.07	214.72	15.08	2.16	24.99	710.01	-17.19	2.95	5.15	-4.63	-9.06	-3.62	0.70	3.10	0.94	5.14
DRAGRH_SIN		0.00	-26.25	12.24	-1.69	2.93	180.39	38.75	5.09	-0.20	-0.56	13.71	-1.49	-0.91	0.62	0.93	-6.82

RUN	POINT	Harmonics															
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.93	-0.65	0.00	0.00	0.02	0.00	-0.01	0.02	0.03	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	-0.32	-0.37	0.00	0.00	0.02	0.02	0.00	0.05	0.04	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.05	-2.13	-10.77	-4.41	5.00	0.64	-1.10	0.41	-0.05	-0.04	-0.10	0.25	0.37	-0.05	0.03	0.12
ACT1FORCE_SIN		0.00	20.19	3.54	-10.64	-7.78	3.11	0.47	0.31	0.43	0.02	1.27	1.14	0.10	0.06	-0.16	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.06	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		384.24	-9.90	76.85	-166.85	-176.76	2.61	2.86	-0.10	0.18	0.15	-0.27	-0.43	-0.07	0.01	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-123.98	-27.60	42.85	19.92	-21.28	-3.12	-0.41	-0.20	-0.12	0.05	0.11	0.05	-0.03	0.03	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.06	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		421.63	10.19	-77.30	166.80	177.56	-2.10	-2.98	-0.03	-0.03	-0.05	0.23	0.40	0.11	0.00	-0.06	-0.03
FA1OBVOLTAGE_SIN		0.00	124.36	27.98	-43.58	-20.68	21.70	3.15	-0.31	-0.16	0.16	-0.05	-0.15	-0.08	0.03	-0.04	0.02
MRBLD1CB42P75_COS		-897.70	-2383.73	554.09	-194.32	-91.27	-136.43	-15.38	-15.22	10.70	-27.33	-3.53	25.84	-23.55	-11.11	9.08	-6.93
MRBLD1CB42P75_SIN		0.00	1419.82	-24.98	146.86	451.23	-251.04	-32.47	-49.65	34.64	-6.75	-64.04	3.39	19.44	5.13	-2.94	19.53

RUN	POINT	Harmonics															
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4524.59	-1739.40	431.87	-358.14	49.98	-37.37	147.77	-3.78	9.60	-18.74	-3.58	22.20	-14.30	-6.34	8.38	-3.95
MRBLD1CB70_SIN		0.00	1066.38	-92.29	168.15	819.81	-241.84	60.20	-17.14	42.55	-6.72	-22.34	-0.87	14.02	5.29	-4.16	26.19
MRBLD1CB120_COS		-231.20	-946.97	342.24	-208.67	181.39	57.21	267.49	-9.03	4.77	16.58	-5.76	-16.23	7.54	5.31	4.55	-1.71
MRBLD1CB120_SIN		0.00	780.60	-99.23	186.87	762.97	-86.22	159.85	-19.90	-34.01	1.24	39.23	5.97	-0.44	-0.34	1.30	3.23
MRBLD1CB164_COS		-1992.73	-299.26	77.79	-71.71	96.41	44.00	116.83	5.69	-4.71	15.69	-0.93	-17.92	7.64	2.42	-9.46	4.02
MRBLD1CB164_SIN		0.00	283.63	-14.38	89.46	264.66	23.69	103.77	-6.47	-50.19	-2.69	22.46	9.24	-1.33	-1.14	3.59	-17.68
MRBLD1FB42P75_COS		2465.89	553.05	89.72	623.09	104.63	-243.65	-68.33	-244.18	-61.11	-38.34	-49.65	11.16	-7.59	-8.07	12.66	24.92
MRBLD1FB42P75_SIN		0.00	-298.30	270.47	835.30	-240.93	141.56	-45.76	-102.39	-63.60	-36.97	-73.32	14.17	13.95	-11.03	-42.67	26.86
MRBLD1FB70_COS		602.23	104.14	29.17	132.51	46.32	-59.74	-5.90	-28.92	1.17	1.92	1.57	0.51	1.23	1.30	-2.30	-4.94
MRBLD1FB70_SIN		0.00	-252.61	126.62	226.90	-56.15	16.08	-5.98	-12.53	1.86	4.84	5.12	1.47	0.80	3.05	7.56	-5.82
MRBLD1FB87_COS		62.07	127.99	-29.77	39.12	17.84	-13.32	-2.55	21.34	9.12	9.94	12.95	-2.05	2.72	2.45	-2.61	-5.38
MRBLD1FB87_SIN		0.00	-303.10	105.60	116.74	-46.56	12.36	4.88	8.62	7.44	7.81	19.88	-1.07	-2.16	4.14	11.33	-2.99
MRBLD1FB120_COS		-296.81	160.75	-128.76	-18.35	-16.80	31.69	-19.83	32.18	-6.97	-10.89	-9.76	-1.81	-5.32	-3.17	4.62	8.85
MRBLD1FB120_SIN		0.00	-417.92	124.75	173.77	-16.07	30.66	21.67	21.19	-0.37	-8.91	-17.05	-5.81	-4.29	-9.50	-17.63	4.91
MRBLD1FB164_COS		49.27	128.24	-48.69	153.42	-23.37	69.08	34.34	-43.21	5.78	12.22	11.39	-2.49	1.59	1.98	-5.01	-6.44
MRBLD1FB164_SIN		0.00	-511.72	82.69	329.11	271.60	-15.71	-36.94	-36.01	2.37	13.41	21.39	1.38	-3.37	3.24	9.65	-2.85

RUN	POINT	Harmonics															
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-13.00	-16.94	2.82	126.61	15.36	34.02	24.70	-44.00	9.42	11.89	20.17	-10.17	-8.47	-6.10	4.85	12.93
MRBLD1FB180_SIN		0.00	-355.92	46.32	169.73	194.76	-4.16	-31.39	-38.78	9.66	24.98	34.27	-12.31	-14.19	-14.07	-21.63	4.37
MRBLD1TOR51_COS		-1498.95	152.58	112.85	181.24	-47.82	-47.55	10.43	-22.17	0.22	0.28	3.76	0.32	0.09	0.40	6.50	1.07
MRBLD1TOR51_SIN		0.00	-137.90	49.34	230.40	171.91	-64.48	-9.41	-31.27	9.86	-0.10	10.82	-0.60	-4.17	-4.45	-4.63	1.95
MRBLD1TOR71_COS		-319.69	182.30	75.44	171.28	-40.60	-30.54	12.86	-12.35	-0.78	3.17	1.13	0.74	0.50	1.58	3.03	2.05
MRBLD1TOR71_SIN		0.00	-131.76	36.06	164.07	144.62	-51.78	-5.23	-19.15	11.30	2.65	14.15	-2.74	-1.56	-1.24	-2.14	1.99
MRBLD1TOR130_COS		-59.16	153.09	78.83	162.24	-30.34	-27.65	15.38	-11.40	-0.03	5.76	-0.86	2.91	-2.89	0.06	-4.91	0.30
MRBLD1TOR130_SIN		0.00	-102.39	-9.79	119.24	147.96	-42.46	-5.05	-19.13	3.03	0.28	1.87	-1.04	6.06	4.62	2.10	0.37
MRBLD1TOR164_COS		-273.91	72.52	63.15	101.08	8.71	-35.37	6.07	-5.63	-1.52	5.74	-1.39	1.42	-2.14	1.71	-1.05	-0.10
MRBLD1TOR164_SIN		0.00	-34.49	-29.09	18.71	68.98	-22.72	-3.14	-4.41	-0.07	-0.41	0.93	-5.37	1.40	1.06	0.66	1.37
MRFBM1CB26P5_COS		-984.69	-1475.61	268.88	18.16	-125.77	-13.49	-35.31	-2.33	-0.62	0.64	1.77	-0.53	-0.46	0.59	2.54	-0.64
MRFBM1CB26P5_SIN		0.00	536.61	82.76	-45.19	-50.32	-40.60	-31.71	-11.95	-3.40	-2.26	-11.96	1.21	-0.39	-1.67	-0.45	-0.16
MRFBM1FB9_COS		530.50	275.22	-209.50	-45.06	-7.04	35.27	11.74	6.22	0.55	0.38	-1.26	0.38	0.85	-0.20	-1.43	1.03
MRFBM1FB9_SIN		0.00	-120.03	-106.59	-267.44	2.74	5.16	1.07	13.11	2.71	2.45	2.64	-0.17	0.43	0.42	-0.20	-0.95
MRFBM1TOR26P5_COS		-103.40	83.51	4.31	0.35	-3.30	0.15	-0.52	0.01	0.23	-0.32	0.34	-0.08	0.12	-0.06	0.13	-0.02
MRFBM1TOR26P5_SIN		0.00	-276.63	1.32	1.35	3.81	-1.32	-0.78	-0.16	0.20	0.00	0.05	0.24	-0.24	-0.17	-0.06	-0.08

RUN	POINT	Harmonics															
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		392.41	-1758.96	427.96	-57.97	-74.32	-148.69	-65.30	-24.94	14.74	-18.87	-7.40	18.06	-15.75	-7.43	11.73	-6.60
MRPC1CB33P25_SIN		0.00	1283.96	-43.19	98.99	143.81	-135.86	-18.78	-51.78	-7.62	-6.88	-54.94	1.43	13.55	2.65	-3.61	18.79
MRPC1FB33P25_COS		1743.57	453.37	-36.04	383.05	155.73	-232.28	-34.95	-148.17	-13.63	-3.18	11.25	2.16	-13.46	4.00	42.42	-10.21
MRPC1FB33P25_SIN		0.00	-46.49	211.95	790.11	-155.95	42.69	-63.70	-188.70	-84.36	-51.79	-86.25	18.00	5.46	-12.05	-11.50	41.92
MRPC1TOR25P5_COS		-352.81	-88.97	-144.17	-169.52	61.35	47.55	-9.37	19.19	-1.13	7.71	-3.87	5.48	-4.68	1.21	-8.99	-1.08
MRPC1TOR25P5_SIN		0.00	-128.48	-50.22	-226.03	-174.56	66.36	12.31	26.29	-14.25	-3.33	-16.35	0.40	14.29	10.41	8.45	5.27
MRPLK1LOAD_COS		-4.71	-16.06	-18.27	-24.17	7.88	7.50	-2.41	3.29	0.01	1.88	-1.47	1.09	-1.14	0.70	-2.03	0.00
MRPLK1LOAD_SIN		0.00	-11.15	-7.64	-34.27	-24.37	9.97	2.46	3.75	-1.96	-0.17	-1.57	-1.66	2.71	2.44	1.28	1.03
PITCHRH_COS		3292.59	-9221.02	-461.60	66.53	62.27	-1844.36	31.33	63.26	50.73	72.70	-32.29	-1.04	21.30	4.93	-46.52	11.20
PITCHRH_SIN		0.00	714.29	-1054.00	-10.34	86.05	-3412.41	-124.41	-36.77	-97.44	46.83	-196.81	-35.69	76.24	24.09	-18.11	42.93
ROLLRH_COS		4809.49	-643.63	1121.58	-80.18	179.49	1535.41	89.69	-122.51	165.79	-8.39	317.33	89.13	-44.00	-60.85	142.21	103.39
ROLLRH_SIN		0.00	-9234.80	-553.87	50.64	396.55	1298.74	-297.15	-20.98	-9.88	0.27	-87.67	28.42	34.59	61.63	10.71	354.29
TORQ_COS		106243.55	531.69	-18.99	80.62	74.98	120.27	-1.47	-2.90	11.12	-2.64	7.66	-2.50	0.49	-1.20	-3.83	1.49
TORQ_SIN		0.00	1267.93	-66.04	-0.12	-171.53	448.20	3.47	45.49	-10.90	-5.62	49.80	1.79	-5.73	6.08	-4.94	6.66
THRUST_COS		5519.09	-253.84	0.89	13.02	1.23	117.33	-4.89	12.17	-1.39	6.00	-8.91	0.50	-3.91	5.22	-7.12	8.48
THRUST_SIN		0.00	-252.91	-24.48	-12.61	36.84	27.93	10.58	10.68	1.61	-7.21	45.88	-10.68	6.90	1.61	6.22	-30.47

RUN	POINT	Harmonics															
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-121.74	29.25	-27.33	-1.44	-61.98	-301.13	-7.94	1.24	-4.27	-0.46	-9.71	-3.47	0.22	1.82	-3.74	-3.38
SIDERH_SIN		0.00	214.69	11.82	-4.60	-13.51	-17.89	12.84	-0.70	-0.35	1.08	0.57	-1.35	-0.39	-1.55	-0.65	-9.94
DRAGRH_COS		-165.71	216.75	15.52	3.35	28.79	680.95	29.66	-0.24	3.35	-6.97	-2.49	-4.20	-2.45	-0.38	0.56	1.16
DRAGRH_SIN		0.00	-24.99	11.41	-3.03	-2.73	-86.64	34.47	4.59	-2.09	-2.34	17.46	0.80	-1.12	-1.97	0.53	-3.13

RUN	POINT	Harmonics															
55	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.91	-0.98	0.00	0.00	0.02	0.01	-0.01	0.04	0.08	0.02	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.37	-0.04	0.00	0.00	0.03	-0.01	0.00	0.02	0.03	-0.02	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.11	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.24	-1.44	-10.90	-4.84	-0.19	1.86	-0.82	-0.21	0.36	-0.16	0.81	1.39	0.42	-0.18	0.09	-0.27
ACT1FORCE_SIN		0.00	20.92	2.11	-7.90	-10.39	2.80	0.50	0.50	-0.22	0.10	0.86	1.39	-0.33	-0.03	0.21	-0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		383.67	-11.24	80.35	-157.02	-188.36	-9.30	4.81	-0.34	-0.08	0.16	-0.20	-0.38	-0.01	-0.07	-0.05	-0.01
FA1IBVOLTAGE_SIN		0.00	-121.00	-16.17	18.29	111.11	-22.33	-1.98	-0.24	-0.38	-0.02	0.07	0.56	0.11	-0.01	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.06	-0.10	-0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		422.23	11.49	-80.74	156.90	188.76	9.93	-4.68	-0.06	-0.25	-0.04	0.20	0.32	-0.01	0.08	0.00	-0.04
FA1OBVOLTAGE_SIN		0.00	121.24	16.51	-18.76	-112.10	22.50	2.10	-0.49	-0.10	-0.04	-0.04	-0.57	-0.17	-0.02	0.01	0.04
MRBLD1CB42P75_COS		-847.13	-2138.74	562.15	-145.95	-27.32	-208.06	-20.58	-3.83	13.45	-39.29	-12.36	12.22	-14.01	-10.59	18.70	-13.08
MRBLD1CB42P75_SIN		0.00	1660.03	-28.88	175.43	399.25	-151.45	-64.31	-56.11	20.37	15.63	-61.66	-3.07	20.10	3.49	-5.76	19.25

RUN	POINT	Harmonics															
55	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4543.35	-1594.34	436.14	-314.50	191.03	-115.14	114.79	3.74	15.09	-32.76	-15.04	12.89	-7.92	-5.75	17.07	-7.58
MRBLD1CB70_SIN		0.00	1239.04	-106.54	237.49	700.01	-164.57	-33.94	-30.43	28.67	14.02	-36.31	-8.68	14.65	4.32	-9.51	30.29
MRBLD1CB120_COS		-215.46	-903.02	347.19	-158.69	280.19	16.50	229.09	13.28	8.83	31.26	2.23	-10.54	3.39	2.64	3.62	-4.63
MRBLD1CB120_SIN		0.00	862.83	-113.01	239.22	666.23	-62.41	15.14	-31.63	-23.91	-16.53	33.90	6.65	-0.24	-0.62	1.29	2.13
MRBLD1CB164_COS		-1989.72	-294.76	77.91	-46.87	112.09	45.26	105.45	11.79	-3.79	31.18	9.71	-14.19	2.65	-1.34	-16.84	4.94
MRBLD1CB164_SIN		0.00	307.33	-21.85	115.72	226.78	3.22	34.82	-9.53	-38.77	-24.46	31.85	15.40	-0.89	-2.36	6.10	-21.06
MRBLD1FB42P75_COS		2495.96	487.65	95.59	794.91	-152.68	-266.01	-108.87	-157.98	-76.88	-34.20	-19.33	11.50	-3.09	-5.77	25.41	18.62
MRBLD1FB42P75_SIN		0.00	-342.53	295.84	753.05	-52.68	235.08	-76.81	-118.74	-82.24	-67.54	-64.27	19.62	11.52	-8.90	-47.96	44.92
MRBLD1FB70_COS		608.52	107.43	30.06	193.76	-28.95	-64.15	-14.39	-15.77	-1.63	0.29	0.51	0.54	0.07	0.71	-4.88	-2.34
MRBLD1FB70_SIN		0.00	-257.68	134.30	213.39	-14.71	43.87	-15.39	-14.74	-0.20	5.15	4.81	2.14	1.75	2.98	8.90	-8.83
MRBLD1FB87_COS		59.78	131.14	-29.17	72.57	-24.05	-10.52	-0.18	13.19	11.59	7.78	7.07	-2.05	1.02	1.65	-5.97	-5.29
MRBLD1FB87_SIN		0.00	-312.42	111.03	115.34	-31.31	11.60	5.08	9.13	10.73	11.91	17.10	-2.56	-1.08	3.79	13.01	-6.63
MRBLD1FB120_COS		-307.42	169.47	-124.39	7.40	-27.95	37.98	-8.50	13.37	-4.95	-7.68	-8.17	-2.60	-3.06	-1.84	9.49	8.80
MRBLD1FB120_SIN		0.00	-435.05	135.55	185.19	-21.37	-3.10	31.04	25.74	2.05	-8.41	-14.94	-6.25	-5.20	-8.71	-19.80	9.75
MRBLD1FB164_COS		50.01	141.39	-45.12	149.46	123.37	81.20	32.65	-19.36	3.35	10.90	8.26	-0.85	-0.35	2.29	-6.67	-6.31
MRBLD1FB164_SIN		0.00	-536.40	120.22	304.73	203.38	-29.36	-36.10	-38.48	-4.97	14.07	18.03	0.31	-2.44	1.73	9.86	-5.49

RUN	POINT	Harmonics															
55	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-7.00	-12.44	5.60	111.91	127.48	42.62	20.54	-20.23	11.27	11.13	9.82	-8.98	-5.91	-3.86	10.59	11.08
MRBLD1FB180_SIN		0.00	-372.92	70.99	148.16	140.44	6.19	-38.92	-40.58	6.58	31.26	30.59	-19.18	-16.60	-13.54	-24.08	11.05
MRBLD1TOR51_COS		-1491.38	164.89	97.97	193.82	39.04	-97.76	19.13	-11.67	2.02	-0.83	4.23	5.65	0.69	1.22	8.10	-2.39
MRBLD1TOR51_SIN		0.00	-131.28	61.17	193.52	175.67	-26.19	-19.19	-29.09	0.75	-1.83	5.00	-2.82	-4.56	-4.26	-2.56	5.56
MRBLD1TOR71_COS		-316.51	190.35	61.99	174.91	46.28	-72.40	22.17	-6.91	1.36	2.30	2.38	3.82	2.46	2.20	4.18	-1.39
MRBLD1TOR71_SIN		0.00	-129.81	45.85	129.33	144.35	-20.31	-10.25	-17.62	5.97	-0.54	11.07	-6.94	-2.00	-1.89	-0.50	2.43
MRBLD1TOR130_COS		-56.47	161.02	66.72	152.79	61.65	-58.06	20.60	-4.94	0.93	6.96	1.73	-1.12	0.62	0.01	-4.27	0.29
MRBLD1TOR130_SIN		0.00	-98.18	-2.19	86.01	136.94	-13.00	-9.75	-17.01	0.74	-5.78	7.64	-6.53	5.54	2.77	1.30	-3.50
MRBLD1TOR164_COS		-274.86	77.89	54.90	90.97	47.05	-53.83	7.85	-1.98	-2.04	5.42	-1.00	-3.42	0.25	1.56	0.09	0.80
MRBLD1TOR164_SIN		0.00	-27.41	-29.80	-0.86	59.82	1.35	-8.01	-3.94	2.62	-3.69	5.66	-9.62	1.84	-0.16	-0.70	-1.78
MRFBM1CB26P5_COS		-937.37	-1343.40	266.57	14.17	-113.86	-27.76	-29.05	0.44	-0.16	1.71	4.28	-0.65	-0.01	0.58	3.09	-1.69
MRFBM1CB26P5_SIN		0.00	692.14	89.68	-58.67	-24.45	-33.61	-17.48	-10.26	-3.49	-3.58	-6.91	2.70	-0.28	-1.58	0.33	-1.23
MRFBM1FB9_COS		625.04	105.16	-206.14	-91.31	24.03	41.46	7.50	2.01	-0.25	0.52	-1.15	0.52	0.71	-0.16	-1.70	1.77
MRFBM1FB9_SIN		0.00	-152.03	-124.73	-264.40	-6.52	-1.82	5.48	10.02	4.18	2.69	2.45	-0.15	0.38	0.48	-0.63	-0.64
MRFBM1TOR26P5_COS		-100.45	88.97	3.87	0.42	-0.77	-0.69	-0.48	0.07	0.17	-0.40	0.13	0.22	-0.07	-0.07	0.08	0.04
MRFBM1TOR26P5_SIN		0.00	-275.78	1.58	1.10	4.32	-1.20	-0.56	-0.29	-0.12	0.36	-0.42	0.53	-0.22	-0.08	-0.05	0.10

RUN	POINT	Harmonics															
55	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		435.81	-1550.97	447.62	-20.84	-85.40	-181.95	-59.00	-14.11	10.37	-15.45	-7.64	9.18	-8.52	-6.76	20.42	-12.17
MRPC1CB33P25_SIN		0.00	1451.34	-44.05	100.38	142.75	-61.43	-34.87	-55.05	-10.15	4.53	-46.55	-1.36	14.34	1.97	-5.18	17.93
MRPC1FB33P25_COS		1767.38	398.36	-33.28	539.45	-98.58	-276.81	-60.88	-72.88	-15.39	16.25	26.28	-2.72	-7.24	2.87	55.70	-29.88
MRPC1FB33P25_SIN		0.00	-88.73	228.59	754.93	-61.21	111.09	-102.90	-167.54	-104.39	-70.37	-60.51	21.67	6.82	-9.39	-5.13	43.37
MRPC1TOR25P5_COS		-354.43	-92.44	-128.27	-177.00	-41.51	101.17	-19.04	9.06	-2.71	11.13	-2.28	-7.88	-0.14	0.25	-8.84	-1.10
MRPC1TOR25P5_SIN		0.00	-130.91	-64.02	-183.69	-181.03	29.54	22.19	25.68	-2.68	-4.59	-0.65	-3.41	14.43	8.02	5.79	-5.83
MRPLK1LOAD_COS		-5.32	-16.44	-16.31	-25.13	-6.40	15.32	-3.29	1.64	-0.01	2.48	-0.68	-1.75	0.40	0.59	-1.62	-0.49
MRPLK1LOAD_SIN		0.00	-11.31	-9.36	-28.45	-25.91	4.86	3.60	3.94	0.35	-1.25	1.87	-3.37	2.62	1.65	0.84	-1.46
PITCHRH_COS		6044.93	-9188.48	-484.68	91.89	106.47	-2827.37	2.76	-30.27	55.16	53.90	-32.60	34.22	103.97	14.80	9.68	-52.34
PITCHRH_SIN		0.00	529.22	-1079.20	21.03	26.35	-1520.54	-240.58	-59.46	-130.83	26.82	-137.93	86.12	37.03	29.17	-43.58	-30.63
ROLLRH_COS		5730.61	-482.74	1121.05	-158.24	225.46	369.67	-2.15	-114.62	127.47	37.29	198.51	53.31	40.76	8.29	-11.30	125.07
ROLLRH_SIN		0.00	-9254.70	-571.61	23.78	432.37	-203.45	-185.01	-17.50	-21.98	48.06	-121.64	20.20	64.65	-1.35	25.84	289.84
TORQ_COS		107541.01	526.77	-28.49	44.76	82.74	260.57	-1.43	2.65	6.57	-0.94	-1.76	-3.53	1.51	-2.72	-1.68	6.07
TORQ_SIN		0.00	1253.93	-66.52	21.99	-184.74	259.51	10.31	60.34	-8.95	-2.75	35.20	0.65	-5.20	6.57	-3.74	5.63
THRUST_COS		5758.44	-250.14	-5.06	8.67	2.10	156.96	-1.82	18.22	-1.06	-6.60	-0.23	-10.13	-3.64	3.46	0.51	8.79
THRUST_SIN		0.00	-252.23	-23.03	-3.30	34.39	-28.11	7.36	15.06	0.00	-8.13	57.81	-18.55	1.31	-2.25	3.05	-29.61

RUN	POINT	Harmonics															
55	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-122.89	30.82	-25.75	3.22	-55.01	-162.24	2.52	1.33	-3.77	-2.48	-4.38	-1.58	-2.10	-0.13	0.32	-3.81
SIDERH_SIN		0.00	216.38	11.48	-2.92	-6.82	59.84	5.74	2.02	0.87	0.00	-3.00	1.18	-0.91	0.37	-1.41	-7.76
DRAGRH_COS		-141.83	215.22	15.31	2.41	21.91	464.07	-0.40	7.03	3.81	-2.40	0.94	-0.03	-3.86	-1.67	-0.12	2.28
DRAGRH_SIN		0.00	-23.20	12.60	-1.68	-5.39	-210.99	9.44	1.38	-0.35	-0.68	12.22	-1.91	1.84	-1.01	2.92	0.72

RUN	POINT	Harmonics															
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	-0.93	-0.85	0.00	0.00	0.04	-0.02	-0.01	0.05	0.06	-0.01	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.32	0.51	0.00	0.00	-0.01	-0.01	0.00	0.00	-0.06	-0.02	0.01	0.00	0.01
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.09	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.04	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.21	-1.01	-10.67	-3.85	-6.60	2.86	-0.40	0.32	-0.29	0.17	1.33	2.00	-0.24	0.08	-0.29	0.34
ACT1FORCE_SIN		0.00	20.92	1.24	-5.93	-7.36	0.52	1.37	0.28	-0.37	-0.06	0.26	-0.66	-0.40	0.36	0.02	0.29
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.08	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.06	0.06	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.36	-5.69	74.95	-162.83	-96.64	-23.05	2.03	-0.25	-0.39	0.04	-0.16	0.41	0.13	-0.13	0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-124.16	-7.16	18.56	188.55	-7.93	-11.09	-0.16	0.02	-0.13	0.30	0.48	0.02	0.06	0.03	0.06
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.06	-0.06	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		431.51	5.80	-75.22	162.88	96.79	23.46	-1.70	-0.43	-0.13	-0.06	0.20	-0.40	-0.15	0.08	-0.01	0.07
FA1OBVOLTAGE_SIN		0.00	124.33	7.39	-18.65	-189.22	7.76	11.04	-0.21	0.10	0.02	-0.33	-0.46	0.00	-0.07	0.03	-0.03
MRBLD1CB42P75_COS		-857.01	-2050.07	507.44	-82.76	15.27	-166.98	-64.20	-17.30	9.65	-26.86	-1.67	4.52	-2.95	-9.39	10.08	-7.07
MRBLD1CB42P75_SIN		0.00	1706.88	-29.93	167.83	264.31	-48.84	-65.29	-62.19	12.70	24.02	-43.37	12.50	21.49	7.90	-11.28	20.89

RUN	POINT	Harmonics															
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4533.27	-1531.94	381.35	-201.06	250.58	-92.34	-12.78	-11.65	13.01	-24.63	-21.01	2.33	0.95	-3.34	7.47	1.57
MRBLD1CB70_SIN		0.00	1256.42	-112.04	265.19	387.18	-131.44	-92.76	-37.65	16.30	23.43	-21.88	2.71	14.27	5.43	-15.77	26.52
MRBLD1CB120_COS		-209.09	-868.14	312.27	-52.68	292.94	29.49	55.29	2.71	13.89	17.64	-5.37	-6.94	2.35	2.80	1.74	-1.93
MRBLD1CB120_SIN		0.00	857.61	-118.82	223.62	394.07	-124.01	-107.50	-36.94	-22.89	-32.10	24.77	0.13	-0.51	-0.52	-0.34	4.21
MRBLD1CB164_COS		-1988.74	-283.72	70.33	3.71	93.60	40.99	37.70	5.21	-0.34	18.57	12.90	-2.81	0.18	-2.74	-11.74	-1.17
MRBLD1CB164_SIN		0.00	312.36	-29.32	101.55	143.43	-64.34	-34.31	-5.26	-30.84	-37.40	21.45	8.51	-1.03	0.59	12.33	-17.63
MRBLD1FB42P75_COS		2506.77	468.75	124.29	896.35	-312.26	-153.02	-151.24	-148.95	-92.77	-61.43	3.00	25.24	3.32	-6.80	11.19	36.04
MRBLD1FB42P75_SIN		0.00	-341.49	320.90	445.50	287.33	331.24	-28.55	-136.06	-51.48	-75.80	-75.64	14.83	9.43	-2.60	-46.98	28.03
MRBLD1FB70_COS		611.98	100.37	38.36	242.24	-85.33	-34.66	-26.19	-15.06	-2.81	0.27	1.65	0.91	0.55	1.78	-2.25	-6.26
MRBLD1FB70_SIN		0.00	-251.97	139.27	123.71	69.62	64.92	-8.85	-19.16	1.63	4.56	4.25	1.45	1.51	2.07	8.75	-6.94
MRBLD1FB87_COS		61.74	121.76	-19.75	107.40	-55.78	-7.04	3.85	12.11	14.85	12.13	1.81	-4.67	0.00	2.08	-1.92	-7.69
MRBLD1FB87_SIN		0.00	-307.69	112.82	74.05	13.33	7.36	1.26	10.56	5.98	13.52	17.88	-2.60	-0.75	2.02	12.77	-2.72
MRBLD1FB120_COS		-309.29	158.52	-106.70	55.63	-29.08	9.01	12.30	13.37	-4.16	-7.37	-8.17	-3.56	-3.61	-3.21	3.90	12.12
MRBLD1FB120_SIN		0.00	-434.80	138.43	164.67	-8.61	-29.36	20.60	34.36	-0.72	-7.78	-12.08	-3.78	-4.32	-6.32	-19.57	4.30
MRBLD1FB164_COS		45.27	135.39	-15.43	154.39	222.68	70.68	14.33	-17.50	0.36	12.13	5.33	-2.15	-1.41	0.67	-3.80	-7.44
MRBLD1FB164_SIN		0.00	-551.25	152.44	268.95	23.19	-45.10	-25.20	-43.75	-1.95	11.11	17.13	-1.09	-0.35	0.14	9.14	-1.70

RUN	POINT	Harmonics															
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.06	-15.46	28.34	93.02	187.12	53.39	-0.63	-19.70	9.36	22.19	-1.44	-20.32	-11.34	-6.70	3.75	16.21
MRBLD1FB180_SIN		0.00	-386.02	95.57	135.34	0.71	1.55	-27.12	-41.71	4.80	29.03	35.63	-17.33	-15.24	-11.64	-22.77	4.36
MRBLD1TOR51_COS		-1490.90	163.89	90.77	187.00	101.71	-90.24	26.84	-13.93	-1.28	-3.29	2.45	2.06	0.25	1.01	6.71	5.52
MRBLD1TOR51_SIN		0.00	-133.44	79.23	132.19	92.44	55.46	-31.25	-39.20	-1.00	-1.31	2.25	-9.22	-4.48	-3.94	-5.31	5.50
MRBLD1TOR71_COS		-315.55	188.24	56.65	158.13	107.71	-67.49	33.33	-9.41	1.06	-1.82	3.06	-2.67	1.89	2.13	3.16	3.04
MRBLD1TOR71_SIN		0.00	-131.77	61.29	81.67	63.23	48.97	-21.45	-25.79	4.12	-0.05	6.96	-9.81	-4.00	-2.62	-1.98	4.55
MRBLD1TOR130_COS		-56.60	161.77	60.69	123.20	122.42	-48.49	25.86	-6.01	0.62	-0.46	10.22	-8.33	1.41	0.13	-4.98	-3.88
MRBLD1TOR130_SIN		0.00	-99.69	10.42	54.38	45.62	43.12	-17.47	-23.84	0.55	-8.09	4.66	-0.18	2.19	1.94	2.84	-0.85
MRBLD1TOR164_COS		-275.19	80.58	46.42	65.02	60.71	-39.81	8.87	-2.44	0.75	-0.10	2.91	-9.11	0.68	0.43	-1.21	-3.99
MRBLD1TOR164_SIN		0.00	-27.12	-26.02	-13.00	13.92	39.08	-10.88	-8.39	3.29	-2.72	3.45	-1.67	-0.19	-0.85	0.18	-1.30
MRFBM1CB26P5_COS		-947.18	-1298.36	247.10	-8.51	-72.07	-34.19	-11.42	0.84	-0.30	0.50	8.59	1.13	-0.45	-0.63	2.67	-1.43
MRFBM1CB26P5_SIN		0.00	713.29	90.44	-61.97	7.87	-5.96	-2.45	-10.62	-3.45	-4.68	-6.80	2.61	-0.17	-1.21	0.14	0.18
MRFBM1FB9_COS		636.57	89.32	-209.82	-144.46	49.86	36.43	7.17	0.77	1.09	0.90	-1.36	0.47	0.71	0.17	-1.61	1.28
MRFBM1FB9_SIN		0.00	-148.85	-144.05	-201.45	-30.49	-14.97	8.59	11.01	4.46	2.70	1.57	-0.52	0.14	0.48	-0.03	-1.38
MRFBM1TOR26P5_COS		-100.48	84.46	3.80	0.47	1.77	-1.08	0.01	-0.08	-0.09	0.08	-0.41	0.61	-0.09	-0.04	0.12	0.18
MRFBM1TOR26P5_SIN		0.00	-277.16	1.86	0.70	2.49	-0.21	-0.27	-0.39	-0.12	0.45	-0.23	0.03	-0.05	-0.02	-0.09	-0.08

RUN	POINT	Harmonics															
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		428.62	-1482.85	410.51	-3.98	-84.57	-133.45	-68.99	-24.66	8.11	-6.95	4.87	5.01	-0.53	-5.83	13.38	-7.24
MRPC1CB33P25_SIN		0.00	1496.93	-42.74	77.89	146.29	15.74	-33.39	-56.14	-7.37	-0.19	-37.81	7.94	15.03	5.71	-12.06	18.82
MRPC1FB33P25_COS		1776.37	384.78	-14.88	678.23	-305.75	-212.24	-115.34	-60.32	-41.25	0.19	49.66	10.14	-2.35	-2.19	47.40	-5.80
MRPC1FB33P25_SIN		0.00	-90.65	256.44	521.24	175.23	217.19	-75.69	-178.55	-88.93	-91.63	-55.47	28.70	8.99	-6.52	-17.50	51.31
MRPC1TOR25P5_COS		-356.45	-94.07	-121.46	-162.03	-119.36	97.52	-29.86	11.87	2.62	7.94	9.92	-10.76	2.10	0.00	-8.56	-12.87
MRPC1TOR25P5_SIN		0.00	-129.14	-81.45	-124.27	-90.75	-56.79	35.50	37.48	-0.80	-7.95	-0.72	13.99	10.09	5.67	9.58	1.63
MRPLK1LOAD_COS		-5.36	-16.57	-15.44	-23.24	-17.68	14.99	-4.63	2.16	1.37	0.83	2.62	-3.86	0.69	0.52	-1.92	-2.65
MRPLK1LOAD_SIN		0.00	-10.97	-11.82	-20.05	-13.65	-7.58	4.96	5.62	0.49	-1.82	1.10	0.78	1.24	0.91	1.50	0.64
PITCHRH_COS		6313.86	-9167.49	-490.82	49.95	61.12	-2213.77	-147.26	-46.39	-74.16	-33.81	67.82	107.20	90.61	20.02	-26.87	-87.14
PITCHRH_SIN		0.00	643.54	-1048.88	10.45	-15.91	1262.69	-80.93	-44.26	-146.29	-17.45	-41.65	13.59	-70.38	4.77	-21.48	18.81
ROLLRH_COS		5634.50	-601.51	1051.92	-132.20	245.80	-1670.53	-47.44	-25.43	86.27	96.61	118.30	22.06	85.49	-25.15	102.33	-5.49
ROLLRH_SIN		0.00	-9289.86	-572.21	80.85	405.42	-770.97	-169.73	-16.46	-74.87	-11.55	-1.78	4.50	-21.43	-6.02	68.49	298.75
TORQ_COS		107335.97	490.62	-18.01	42.35	27.98	211.69	1.69	15.90	-1.29	-0.18	-17.35	-5.42	1.73	-2.02	-3.25	3.36
TORQ_SIN		0.00	1267.28	-73.87	50.82	-190.65	20.56	14.88	42.97	-7.09	-5.07	31.37	2.48	-5.87	4.09	-4.62	0.69
THRUST_COS		5789.85	-237.78	-3.32	10.96	8.40	128.95	0.11	20.45	-0.06	-8.92	9.61	-17.33	-4.20	-3.61	-6.78	-0.11
THRUST_SIN		0.00	-261.62	-19.93	1.35	37.20	-114.01	8.79	7.30	-1.95	6.44	28.84	-0.40	2.17	-1.32	6.16	-36.70

RUN	POINT	Harmonics															
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-125.26	35.31	-23.85	4.56	-53.95	31.14	1.70	0.37	-2.44	-3.95	-6.40	0.09	-2.28	0.75	-3.52	0.49
SIDERH_SIN		0.00	216.33	11.74	0.51	-2.05	48.07	9.89	1.56	1.87	2.81	-7.51	-0.10	1.34	0.12	-2.04	-8.57
DRAGRH_COS		-138.35	215.60	14.90	2.24	19.44	90.67	9.10	1.30	2.73	0.06	-2.06	-4.33	-3.28	-0.38	0.90	5.45
DRAGRH_SIN		0.00	-28.16	13.46	-1.71	-4.40	-194.85	7.34	-4.28	-1.00	-0.75	-0.10	-0.74	3.18	-0.06	-0.10	-0.25

RUN	POINT	Harmonics															
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	-0.93	0.04	-0.01	-0.01	-0.04	-0.02	-0.01	0.02	-0.08	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.31	1.00	0.00	-0.01	0.01	-0.01	0.01	-0.06	-0.03	0.02	0.00	-0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	-0.11	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.16	-0.85	-12.01	-0.33	-9.04	-1.54	2.75	-0.97	-0.52	0.07	0.83	-1.59	0.11	-0.36	0.47	0.03
ACT1FORCE_SIN		0.00	20.93	-0.55	-6.91	4.99	-3.34	0.35	0.87	-0.71	0.03	-1.15	-1.39	0.57	-0.19	-0.49	-0.17
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	-0.04	0.00	0.02	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		365.07	-4.41	81.95	-182.10	108.37	6.57	-24.75	-0.45	0.17	0.11	0.20	0.16	-0.12	0.05	0.09	0.05
FA1IBVOLTAGE_SIN		0.00	-135.58	5.37	27.53	161.06	29.23	1.91	0.06	0.20	-0.04	0.40	-0.50	-0.03	0.00	-0.10	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	-0.09	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.07	0.04	0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		440.83	4.41	-82.22	182.50	-108.90	-6.92	25.08	-0.18	0.11	0.02	-0.33	-0.19	0.13	-0.06	-0.03	-0.08
FA1OBVOLTAGE_SIN		0.00	135.87	-5.21	-27.87	-160.99	-29.44	-2.50	0.30	0.12	0.04	-0.32	0.50	0.02	0.04	0.04	0.00
MRBLD1CB42P75_COS		-818.48	-1960.56	466.39	-12.51	-190.44	3.55	-114.37	30.45	28.86	-43.63	34.38	21.70	6.89	5.49	-8.92	-3.54
MRBLD1CB42P75_SIN		0.00	1520.94	65.65	68.94	18.88	34.73	-52.95	-44.46	54.02	15.77	-106.27	-0.29	14.52	9.29	-5.02	22.75

RUN	POINT	Harmonics															
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4556.09	-1468.16	309.81	-33.42	-185.56	-117.83	-259.93	20.67	31.50	-30.80	-18.61	14.09	6.32	6.77	-7.22	14.73
MRBLD1CB70_SIN		0.00	1117.26	-23.66	116.69	-65.37	-39.92	-20.34	-19.56	45.57	23.10	-49.30	-4.85	7.02	1.62	-7.74	28.86
MRBLD1CB120_COS		-211.56	-835.51	239.04	44.03	-135.35	-174.72	-341.54	44.30	7.85	19.96	-16.21	-13.32	0.60	1.23	5.35	2.27
MRBLD1CB120_SIN		0.00	792.11	-62.44	70.40	80.52	-104.87	-18.58	-29.76	-40.13	-27.01	58.14	5.71	-3.22	1.81	-3.84	4.78
MRBLD1CB164_COS		-1988.93	-269.62	43.67	28.79	-72.53	-122.86	-149.80	14.43	-8.64	27.45	20.53	-12.02	-0.73	-4.13	2.02	-13.84
MRBLD1CB164_SIN		0.00	296.28	-21.30	18.89	83.68	-89.32	-21.81	0.94	-60.54	-38.99	47.89	8.15	0.03	3.70	10.42	-22.36
MRBLD1FB42P75_COS		2506.94	466.95	198.18	543.22	-65.05	111.66	-146.41	9.52	-76.49	-109.54	46.11	17.89	1.54	12.36	-18.44	45.39
MRBLD1FB42P75_SIN		0.00	-291.04	307.13	107.54	913.43	244.41	75.65	-235.91	-16.44	-55.84	-181.19	-7.89	-1.74	-2.41	-12.56	15.43
MRBLD1FB70_COS		617.03	95.82	60.18	158.57	-48.19	28.70	-34.87	11.58	1.39	-3.00	-0.56	-0.12	1.03	-0.91	4.79	-7.81
MRBLD1FB70_SIN		0.00	-241.99	132.63	0.69	247.51	44.84	11.40	-33.51	5.59	6.96	1.78	2.07	1.80	1.12	3.04	-4.19
MRBLD1FB87_COS		66.12	112.05	-5.11	75.03	-33.94	-10.70	0.37	-2.84	12.35	22.23	-8.00	-2.56	0.75	-2.09	4.44	-8.96
MRBLD1FB87_SIN		0.00	-299.24	98.51	0.57	109.99	1.57	-7.31	20.43	-0.38	11.98	43.31	3.88	2.67	2.88	4.62	-0.33
MRBLD1FB120_COS		-304.64	145.17	-79.88	50.42	-5.48	-66.04	19.39	-22.67	-10.13	-6.36	-2.61	-4.32	-4.71	1.77	-6.89	13.74
MRBLD1FB120_SIN		0.00	-432.28	110.54	77.09	8.85	-18.06	-15.23	55.72	-4.50	-11.65	-17.03	-7.84	-6.97	-7.51	-9.91	0.21
MRBLD1FB164_COS		39.38	121.65	58.11	82.69	104.68	36.03	29.81	43.87	6.62	8.42	-3.26	0.27	1.92	-5.04	0.42	-7.66
MRBLD1FB164_SIN		0.00	-567.26	149.94	229.64	-305.37	-62.48	3.17	-70.73	6.51	14.63	30.59	5.00	4.30	3.83	2.35	-0.59

RUN	POINT	Harmonics															
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-18.30	-24.39	81.21	45.08	64.43	67.74	4.27	36.31	8.12	32.24	-17.62	-19.60	-17.62	-5.94	-7.51	17.00
MRBLD1FB180_SIN		0.00	-397.18	97.88	155.69	-236.35	-29.30	9.60	-61.86	6.40	21.85	89.21	2.91	-13.13	-13.23	-13.50	1.61
MRBLD1TOR51_COS		-1490.60	160.12	110.49	91.01	34.81	14.41	15.79	12.04	-8.84	0.00	-7.65	-11.11	0.08	-1.60	2.18	5.43
MRBLD1TOR51_SIN		0.00	-139.72	111.64	107.52	-101.04	134.73	-40.10	-27.23	-5.92	4.24	7.68	-1.60	-6.21	-5.67	-5.12	5.97
MRBLD1TOR71_COS		-315.47	184.61	74.11	73.58	48.50	19.76	28.27	6.63	-5.95	2.85	-11.40	-11.04	0.21	-0.88	1.73	2.31
MRBLD1TOR71_SIN		0.00	-132.49	86.12	80.18	-124.05	116.81	-31.69	-14.24	-3.91	8.35	13.27	0.76	-4.33	-3.79	-3.96	3.27
MRBLD1TOR130_COS		-57.87	161.69	74.82	51.09	53.01	30.40	19.15	12.47	-3.58	-2.63	9.73	-2.67	-0.37	0.22	-2.21	-4.68
MRBLD1TOR130_SIN		0.00	-101.78	31.57	80.87	-148.54	88.23	-20.06	-18.72	-1.31	-0.08	-0.29	8.38	3.59	3.81	0.86	-2.71
MRBLD1TOR164_COS		-275.10	84.58	44.21	27.59	4.66	22.62	0.02	2.20	1.21	1.60	-3.60	1.00	-0.63	1.83	-1.83	-2.60
MRBLD1TOR164_SIN		0.00	-28.10	-11.46	20.60	-61.69	61.01	-10.16	-8.94	0.71	4.90	3.59	3.50	1.02	1.90	-1.86	-1.88
MRFBM1CB26P5_COS		-916.14	-1236.88	232.29	-21.02	16.82	18.38	37.51	6.18	-3.41	-1.71	20.53	1.59	0.22	-0.18	0.79	-3.20
MRFBM1CB26P5_SIN		0.00	612.27	133.95	-28.40	-35.36	24.40	-10.67	-9.97	-1.24	-5.92	-13.56	1.63	0.20	0.81	-1.22	0.06
MRFBM1FB9_COS		606.52	110.58	-251.82	-95.05	52.38	13.61	11.83	-9.04	1.85	2.39	-5.36	-0.40	0.20	0.05	-0.22	0.54
MRFBM1FB9_SIN		0.00	-94.49	-172.12	-89.37	-95.65	-20.88	16.52	8.99	2.54	3.81	2.18	0.24	0.04	-0.16	0.84	-1.79
MRFBM1TOR26P5_COS		-100.51	83.12	4.25	0.03	1.81	-0.65	1.30	-0.06	-0.12	0.20	-0.22	0.04	0.02	-0.05	0.08	0.18
MRFBM1TOR26P5_SIN		0.00	-277.60	2.42	0.55	-3.98	2.01	-0.70	-0.22	0.07	-0.09	0.12	-0.34	-0.15	-0.12	0.05	0.03

RUN	POINT	Harmonics															
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		454.80	-1417.84	392.26	-7.74	-131.96	42.93	-71.62	18.56	24.43	-24.86	34.53	14.04	8.34	6.35	-3.49	-4.01
MRPC1CB33P25_SIN		0.00	1355.06	20.42	38.22	134.26	28.77	-54.24	-52.12	25.85	-7.99	-87.42	4.45	9.09	8.31	-6.66	21.02
MRPC1FB33P25_COS		1775.40	375.50	41.74	452.75	-251.85	21.94	-151.42	101.67	-42.48	-47.81	142.81	23.77	6.24	9.92	-0.63	9.86
MRPC1FB33P25_SIN		0.00	-45.03	259.50	180.09	741.38	220.04	15.33	-196.25	-53.77	-101.20	-108.72	8.52	2.11	9.26	-22.25	51.48
MRPC1TOR25P5_COS		-351.30	-89.03	-143.18	-61.06	-59.39	-4.88	-23.13	-9.05	12.43	0.60	21.60	16.20	0.89	3.83	-4.14	-12.35
MRPC1TOR25P5_SIN		0.00	-124.38	-112.98	-111.80	133.67	-145.46	47.81	23.88	4.09	-6.82	-15.18	10.90	12.77	11.11	4.34	-2.39
MRPLK1LOAD_COS		-4.95	-15.78	-18.58	-9.19	-10.39	0.84	-4.69	-0.83	2.65	-0.35	3.09	1.66	-0.02	0.81	-0.82	-2.75
MRPLK1LOAD_SIN		0.00	-10.10	-16.11	-18.19	17.88	-20.92	6.02	3.87	0.68	-0.07	-1.61	2.03	2.14	1.94	0.03	-0.47
PITCHRH_COS		6040.83	-9126.72	-308.72	137.94	-71.23	1869.33	105.70	-145.43	1.17	-14.65	220.55	-84.48	9.74	-14.03	-27.14	-343.49
PITCHRH_SIN		0.00	628.14	-940.87	25.96	6.57	3559.31	255.29	-114.75	88.78	3.70	-228.82	-121.09	2.16	-1.34	-102.39	97.97
ROLLRH_COS		4381.04	-661.69	996.28	-79.09	-99.24	-4930.30	-174.49	109.90	32.89	99.63	188.67	37.15	70.58	-46.67	40.92	246.57
ROLLRH_SIN		0.00	-9269.18	-377.81	170.63	176.78	770.14	36.50	-46.57	-13.00	-3.08	-17.20	-97.20	-11.50	-18.10	-21.69	83.79
TORQ_COS		107659.82	471.57	-16.43	47.28	47.62	-178.61	6.17	-9.04	-4.94	0.76	-50.31	-2.91	1.51	-3.04	-3.16	7.87
TORQ_SIN		0.00	1308.14	-73.94	135.02	-56.52	-241.73	12.42	32.96	-11.56	-3.24	70.46	1.32	-8.21	3.50	-1.94	1.88
THRUST_COS		5698.49	-236.52	1.94	24.26	-0.05	-14.29	8.35	7.82	-2.35	3.04	-75.81	-15.47	-3.46	0.02	4.71	-25.11
THRUST_SIN		0.00	-275.49	-9.21	5.20	16.79	-193.48	9.99	10.14	-3.13	-0.57	63.36	3.64	8.70	2.87	-2.99	-13.90

RUN	POINT	Harmonics															
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-126.69	34.25	-23.54	7.21	13.31	272.32	26.21	-0.07	-3.42	-4.45	-4.52	-1.90	-2.02	1.12	-1.20	-7.49
SIDERH_SIN		0.00	216.63	4.08	-2.26	-15.61	-252.99	-7.45	2.37	-0.82	1.66	-0.20	3.68	0.51	0.48	0.15	-1.96
DRAGRH_COS		-134.90	215.36	14.85	0.49	8.20	-279.94	-40.96	-1.05	3.16	-3.41	-6.83	2.07	-0.73	1.16	2.83	14.67
DRAGRH_SIN		0.00	-28.13	15.01	-2.61	7.60	374.45	-39.85	0.39	-6.04	2.52	0.16	3.30	0.88	0.61	4.03	-6.81

RUN	POINT	Harmonics															
57	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.02	-0.94	0.00	0.00	0.00	0.01	0.01	-0.01	0.02	0.01	-0.02	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.99	-0.30	0.00	0.00	0.00	0.04	-0.04	0.01	-0.03	-0.01	0.00	-0.02	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.01	0.10	-15.52	-3.75	3.83	-2.13	-1.13	0.36	0.78	-0.45	0.62	0.50	-0.50	0.21	-0.01	0.07
ACT1FORCE_SIN		0.00	20.40	6.42	-11.84	-1.76	3.04	-0.94	0.54	-0.61	0.34	-0.62	0.09	-0.31	-0.71	0.37	0.26
FA1IBCURRENT_COS		-0.01	-0.01	0.04	0.01	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.07	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		389.42	-23.76	136.48	-175.84	-25.35	18.18	5.23	0.11	0.24	-0.02	0.05	0.11	0.04	0.08	-0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-108.16	131.77	75.33	31.43	-18.14	4.76	-0.23	0.15	0.12	0.06	-0.01	-0.05	-0.01	0.01	0.03
FA1OBCURRENT_COS		0.02	0.01	-0.04	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		416.44	24.04	-137.30	175.95	25.98	-18.53	-5.55	-0.15	-0.12	-0.03	-0.06	-0.09	-0.03	-0.10	0.03	0.01
FA1OBVOLTAGE_SIN		0.00	108.70	-131.76	-76.25	-31.47	18.74	-4.94	0.04	-0.01	-0.07	-0.09	0.01	0.06	0.00	-0.02	-0.04
MRBLD1CB42P75_COS		-836.09	-1894.34	669.55	-147.98	-281.23	-39.91	-45.87	-37.63	0.07	31.82	-19.12	49.81	0.34	-8.32	16.29	-3.32
MRBLD1CB42P75_SIN		0.00	2124.93	54.03	91.72	346.38	-198.75	-15.35	-55.14	-10.06	14.45	-102.40	50.23	13.56	8.61	-2.08	25.59

RUN	POINT	Harmonics															
57	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4608.94	-1461.44	520.64	-306.87	-361.70	-50.95	28.56	-47.59	-3.07	39.78	-36.02	38.48	3.56	0.59	15.43	2.90
MRBLD1CB70_SIN		0.00	1540.57	30.65	18.22	686.91	-102.52	179.71	-4.98	-5.77	15.17	-32.51	34.65	6.00	6.69	-4.68	37.33
MRBLD1CB120_COS		-193.11	-851.70	398.16	-227.05	-207.31	-51.55	51.01	-56.12	32.45	-25.75	9.78	-25.52	0.59	5.54	5.11	-2.01
MRBLD1CB120_SIN		0.00	969.49	-7.01	30.57	734.23	48.93	351.46	-28.79	-32.33	-20.58	47.83	-18.73	2.20	-2.32	0.55	2.44
MRBLD1CB164_COS		-1999.00	-276.62	87.88	-114.60	-43.77	-53.32	-5.69	-5.87	19.69	-38.94	30.30	-26.45	-1.79	-4.83	-11.18	-0.58
MRBLD1CB164_SIN		0.00	327.96	41.60	20.79	296.45	71.31	182.52	-7.72	-23.23	-30.50	21.79	-14.14	4.07	-1.94	5.10	-22.80
MRBLD1FB42P75_COS		2550.34	421.66	129.94	135.78	381.45	-80.77	-60.42	-300.06	-30.02	-80.12	-61.12	19.46	3.49	-6.05	14.10	37.66
MRBLD1FB42P75_SIN		0.00	-438.44	108.71	778.89	115.92	79.66	34.18	-193.98	-76.02	-7.71	-176.87	17.18	13.32	-3.50	-50.39	26.90
MRBLD1FB70_COS		620.72	95.77	33.02	-16.50	100.35	-21.17	-10.73	-37.78	3.89	3.39	-0.65	2.85	1.50	2.10	-2.65	-6.12
MRBLD1FB70_SIN		0.00	-234.59	78.48	190.56	52.99	4.42	11.36	-27.17	-1.96	6.33	3.80	0.68	0.76	1.82	9.37	-5.07
MRBLD1FB87_COS		77.61	114.16	-37.27	-46.28	48.15	-15.65	-7.07	25.45	6.35	15.24	16.31	-6.37	0.01	1.68	-2.50	-7.98
MRBLD1FB87_SIN		0.00	-291.69	75.73	91.14	8.97	10.93	0.00	16.88	9.64	3.76	42.07	-2.74	-0.74	2.74	13.27	-3.19
MRBLD1FB120_COS		-289.62	150.18	-132.18	-108.09	4.97	-14.89	-20.70	49.67	-13.45	-11.81	-9.43	-3.02	-4.02	-3.56	4.11	11.64
MRBLD1FB120_SIN		0.00	-408.84	99.76	146.16	-22.53	46.90	-8.32	42.54	8.21	-12.07	-18.96	-1.99	-5.08	-8.03	-20.43	2.90
MRBLD1FB164_COS		86.11	61.15	-24.11	72.98	-155.23	44.08	50.69	-58.46	13.33	15.36	11.79	-4.06	1.45	1.95	-6.20	-8.87
MRBLD1FB164_SIN		0.00	-496.60	-83.86	349.66	70.32	-35.07	-22.97	-67.48	-4.96	15.88	33.71	-1.64	-2.10	3.73	11.66	-3.31

RUN	POINT	Harmonics															
57	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		10.45	-70.13	21.29	103.83	-99.95	46.02	32.73	-54.83	15.80	18.61	29.62	-22.70	-15.95	-10.16	4.86	15.00
MRBLD1FB180_SIN		0.00	-344.44	-92.82	200.52	50.85	-29.17	-6.51	-70.47	10.34	17.28	80.29	-12.93	-12.72	-15.15	-25.70	2.94
MRBLD1TOR51_COS		-1490.18	96.87	171.43	159.30	-131.99	33.07	0.92	-33.01	-2.97	-0.80	-1.26	1.34	-4.46	0.92	8.90	0.35
MRBLD1TOR51_SIN		0.00	-130.65	-93.03	269.80	49.14	-10.24	-12.59	-23.77	-3.73	1.16	8.40	-4.41	-4.38	-8.98	-3.86	9.07
MRBLD1TOR71_COS		-312.45	124.07	121.80	166.39	-117.00	38.56	7.85	-21.96	-2.78	0.81	-0.60	0.21	-3.68	0.60	5.07	1.01
MRBLD1TOR71_SIN		0.00	-133.37	-99.73	211.19	23.78	-6.74	-11.04	-7.17	-0.38	1.76	15.56	-6.62	-3.99	-6.68	-1.19	4.52
MRBLD1TOR130_COS		-52.06	96.94	114.98	181.07	-112.88	33.08	9.76	-20.57	3.10	-0.64	9.43	3.26	-1.60	-2.45	-4.43	0.16
MRBLD1TOR130_SIN		0.00	-103.86	-145.01	176.39	27.16	-16.17	-3.87	-12.92	-4.39	-1.86	-3.83	1.82	2.62	2.29	2.27	-4.84
MRBLD1TOR164_COS		-275.78	40.03	78.88	133.73	-41.08	9.21	-0.62	-10.67	-1.35	5.06	2.56	-1.11	0.72	-1.10	-2.34	0.83
MRBLD1TOR164_SIN		0.00	-37.08	-109.30	58.53	25.53	-9.50	0.09	-0.24	-0.37	-2.82	7.41	-3.26	-1.38	1.55	-0.84	-5.04
MRFBM1CB26P5_COS		-879.55	-1284.10	301.62	55.51	-70.92	18.91	-10.66	5.44	1.77	-3.15	9.17	0.23	-1.03	-1.06	2.45	-1.14
MRFBM1CB26P5_SIN		0.00	995.95	117.52	-6.16	-122.35	-48.87	-55.10	-19.30	-2.87	-1.57	-21.26	1.00	0.36	-1.14	-0.59	-1.97
MRFBM1FB9_COS		638.30	22.27	-262.10	63.46	-15.25	21.69	18.62	5.75	-0.75	0.98	-3.11	0.24	0.79	0.16	-1.73	1.23
MRFBM1FB9_SIN		0.00	-340.44	-31.84	-209.41	-40.41	2.25	4.92	18.48	3.24	1.10	4.80	-1.25	-0.01	0.28	-0.15	-1.35
MRFBM1TOR26P5_COS		-103.54	77.85	4.64	0.35	-4.76	0.85	0.14	0.09	-0.07	0.01	-0.28	-0.05	0.06	0.09	0.10	0.01
MRFBM1TOR26P5_SIN		0.00	-267.21	-0.15	2.05	-0.91	0.38	-1.71	-0.16	0.22	0.21	0.15	0.05	0.01	-0.06	-0.06	0.16

RUN	POINT	Harmonics															
57	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		501.98	-1276.40	538.03	-11.24	-83.22	-49.48	-94.00	-37.61	17.65	2.42	-7.02	35.94	3.15	-4.90	15.83	-2.71
MRPC1CB33P25_SIN		0.00	1805.29	-14.31	114.53	129.81	-148.22	-32.62	-60.99	-26.76	-10.47	-90.66	28.60	9.84	3.98	-3.41	22.38
MRPC1FB33P25_COS		1729.02	355.37	18.89	-5.44	295.13	-88.42	-56.43	-157.56	16.27	-48.03	62.06	7.25	-3.87	-0.93	50.94	-2.52
MRPC1FB33P25_SIN		0.00	-165.65	93.97	653.35	197.36	37.57	9.75	-283.15	-83.60	-50.64	-164.70	26.75	10.84	-6.10	-16.59	49.85
MRPC1TOR25P5_COS		-372.76	-26.11	-204.13	-156.80	145.03	-32.85	-1.86	28.26	6.18	6.47	13.41	4.15	3.84	-3.30	-10.40	-0.28
MRPC1TOR25P5_SIN		0.00	-110.73	100.45	-278.69	-29.50	3.82	21.85	15.85	-2.73	-7.87	-17.87	9.32	8.10	12.45	7.82	-10.97
MRPLK1LOAD_COS		0.09	-7.40	-26.27	-21.79	19.06	-4.01	-2.15	4.35	1.79	0.91	2.75	0.65	0.18	-0.50	-2.24	-0.16
MRPLK1LOAD_SIN		0.00	-7.89	12.41	-42.06	-3.26	0.57	3.81	2.69	-0.54	-1.50	-1.80	0.22	0.79	1.78	1.25	-2.37
PITCHRH_COS		5195.68	-9474.60	821.67	-52.89	-42.74	1506.56	99.57	-132.65	130.46	-30.33	-172.70	119.90	-54.45	89.42	-7.90	43.22
PITCHRH_SIN		0.00	2011.00	-876.41	-112.22	113.72	-3392.17	-171.12	36.91	-80.39	-51.54	-118.42	71.98	-2.94	-120.24	50.85	145.50
ROLLRH_COS		9075.09	-2001.85	742.21	-71.25	-209.20	-36.71	75.42	-142.71	-44.86	113.82	329.87	-14.02	-63.73	-93.39	-14.72	186.99
ROLLRH_SIN		0.00	-9508.88	704.44	-50.01	422.39	3406.60	-243.81	-86.85	114.05	-122.73	-34.43	115.10	-79.01	70.64	-1.65	514.66
TORQ_COS		106905.20	532.79	34.17	166.85	97.08	-145.25	3.10	-50.35	9.60	-0.74	-8.24	-4.33	-0.12	-0.93	-3.55	5.12
TORQ_SIN		0.00	859.06	-103.04	-92.80	-70.27	395.85	7.61	69.29	1.79	-2.88	82.02	4.54	-5.86	7.62	-4.69	4.19
THRUST_COS		5659.99	-140.11	22.64	5.05	-9.26	-0.67	0.90	2.33	-1.50	4.39	53.09	4.81	-0.32	4.36	-9.11	-5.22
THRUST_SIN		0.00	-74.61	-14.71	-26.30	29.00	-9.31	12.67	26.60	-0.28	1.27	80.48	-0.77	-3.54	2.45	11.66	-41.78

RUN	POINT	Harmonics															
57	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-116.05	58.83	-25.22	-5.72	-1.93	-240.29	-6.27	4.90	0.10	-5.24	-16.97	1.29	0.13	2.73	0.70	-6.31
SIDERH_SIN		0.00	240.94	-16.27	-8.55	-92.88	-307.36	2.76	-2.33	-1.87	5.58	-5.36	-4.04	1.10	-1.82	-0.20	-14.58
DRAGRH_COS		-108.54	244.52	6.49	4.19	4.33	636.27	-1.36	-10.15	4.81	-1.89	-6.27	-5.94	0.71	-2.46	-1.71	-0.09
DRAGRH_SIN		0.00	-51.17	34.01	0.93	9.43	427.82	37.19	3.42	1.89	8.79	17.30	-3.34	3.34	4.30	0.30	-8.91

RUN	POINT	Harmonics															
57	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	-1.41	0.00	0.00	0.00	0.02	0.01	0.02	0.03	0.00	-0.01	-0.01	0.02	0.00
FLAP1C_SIN		0.00	0.00	0.99	-0.44	0.00	0.00	0.00	0.01	-0.03	0.03	-0.03	-0.01	-0.01	-0.02	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.61	-0.13	-15.37	-5.40	5.29	-2.00	-1.01	0.76	0.57	-0.10	1.10	0.47	-0.48	-0.10	0.56	-0.13
ACT1FORCE_SIN		0.00	20.84	7.84	-14.59	-1.82	3.53	-1.05	-0.10	-0.40	1.04	-0.74	0.08	-0.32	-0.68	0.68	0.09
FA1IBCURRENT_COS		-0.01	-0.02	0.04	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.10	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		383.98	-22.61	134.04	-250.79	-42.77	14.43	2.29	0.12	0.17	-0.17	0.05	0.18	-0.04	0.02	0.07	0.00
FA1IBVOLTAGE_SIN		0.00	-109.03	102.96	85.21	33.15	-18.26	8.56	-0.35	0.32	0.09	0.12	0.08	-0.03	-0.09	0.05	0.10
FA1OBCURRENT_COS		0.02	0.01	-0.03	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.10	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		422.07	22.89	-135.11	251.16	43.68	-15.06	-2.72	-0.11	-0.09	0.01	-0.03	-0.12	0.00	-0.03	-0.03	-0.02
FA1OBVOLTAGE_SIN		0.00	109.80	-102.97	-86.57	-33.12	19.07	-9.23	0.08	-0.06	-0.11	-0.19	0.00	0.05	0.08	-0.03	-0.09
MRBLD1CB42P75_COS		-833.45	-2021.26	711.71	-164.90	-342.05	-37.97	-33.93	-53.99	-14.27	46.49	-44.89	74.62	-1.29	-8.70	4.01	0.80
MRBLD1CB42P75_SIN		0.00	2127.87	36.89	93.71	395.44	-245.46	-24.22	-27.24	-30.45	28.26	-65.70	47.84	16.83	9.97	-13.02	27.18

RUN	POINT	Harmonics															
57	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4624.94	-1565.37	549.18	-339.52	-478.76	-50.70	52.67	-55.10	-19.80	51.95	-50.25	56.20	1.92	2.62	3.83	3.12
MRBLD1CB70_SIN		0.00	1548.16	38.88	-0.81	789.74	-106.18	198.13	22.06	-24.89	28.43	-2.04	33.58	11.63	6.19	-14.51	37.62
MRBLD1CB120_COS		-174.21	-899.06	417.97	-262.50	-282.25	-57.72	68.20	-59.51	38.77	-42.20	20.83	-36.66	2.56	6.37	6.02	-1.95
MRBLD1CB120_SIN		0.00	967.58	3.27	33.19	829.24	92.68	414.16	-16.87	-28.71	-27.01	28.51	-16.93	1.86	-2.80	0.17	1.31
MRBLD1CB164_COS		-1996.21	-287.96	89.81	-151.66	-53.86	-65.60	-2.90	-3.33	30.53	-57.18	38.71	-37.01	-0.74	-7.41	-3.04	-0.06
MRBLD1CB164_SIN		0.00	321.81	52.77	18.66	334.86	108.80	217.79	-12.45	-11.76	-39.60	-3.52	-15.03	0.17	-1.11	10.40	-21.12
MRBLD1FB42P75_COS		2528.30	450.33	154.17	27.84	552.54	-78.20	-37.05	-331.00	-12.39	-87.59	-88.93	25.90	3.62	-6.46	-16.39	39.60
MRBLD1FB42P75_SIN		0.00	-461.53	40.23	925.29	44.15	7.25	55.33	-157.40	-69.77	14.10	-162.44	13.95	17.62	-1.95	-47.23	21.55
MRBLD1FB70_COS		614.45	96.39	43.95	-59.29	151.04	-23.42	-6.53	-42.73	4.15	4.06	-0.59	2.01	1.42	1.31	4.12	-6.37
MRBLD1FB70_SIN		0.00	-242.58	59.93	228.11	40.36	-12.82	15.05	-19.92	-2.07	7.28	5.33	-0.51	-0.17	1.01	8.69	-4.06
MRBLD1FB87_COS		73.40	116.66	-33.94	-75.57	78.43	-18.12	-7.75	28.73	4.47	16.49	22.14	-8.58	0.39	2.33	4.40	-8.31
MRBLD1FB87_SIN		0.00	-293.96	68.01	103.54	1.91	9.53	-1.79	13.84	7.84	-0.72	36.82	-1.74	-2.39	1.91	12.44	-2.18
MRBLD1FB120_COS		-290.92	148.58	-144.23	-149.98	8.45	-17.00	-27.02	56.72	-14.98	-13.50	-11.45	-1.94	-4.88	-3.87	-6.94	12.12
MRBLD1FB120_SIN		0.00	-395.66	93.52	149.97	-29.10	62.32	-12.42	32.57	10.67	-11.72	-17.62	-0.56	-3.01	-6.36	-19.18	1.47
MRBLD1FB164_COS		86.12	54.52	-25.75	105.33	-248.60	49.65	51.40	-66.95	15.69	16.87	15.16	-6.27	2.26	2.05	-0.50	-10.04
MRBLD1FB164_SIN		0.00	-474.75	-146.64	391.07	96.13	-11.68	-22.78	-54.62	-3.74	13.65	31.74	-2.85	-3.33	3.36	11.69	-2.32

RUN	POINT	Harmonics															
57	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		8.80	-72.31	19.57	148.56	-163.44	50.86	33.88	-61.68	14.27	18.37	37.41	-27.04	-17.32	-11.23	-7.53	14.32
MRBLD1FB180_SIN		0.00	-327.44	-141.08	227.97	71.82	-18.78	-5.60	-55.18	12.14	13.04	68.78	-9.70	-11.19	-11.89	-23.98	2.91
MRBLD1TOR51_COS		-1487.78	85.89	199.48	211.56	-175.80	58.23	-11.62	-36.19	-1.23	0.46	1.99	1.35	-4.27	-2.46	8.71	-1.44
MRBLD1TOR51_SIN		0.00	-131.93	-137.76	333.88	58.80	-21.50	-4.07	-17.15	-1.96	0.05	8.64	-4.58	-3.35	-9.66	-5.60	9.69
MRBLD1TOR71_COS		-311.88	116.16	145.38	221.69	-159.82	60.37	-4.90	-23.31	-1.27	1.39	4.40	-0.46	-3.38	-1.44	5.44	-0.33
MRBLD1TOR71_SIN		0.00	-135.37	-139.33	267.45	33.28	-14.27	-4.39	-1.90	0.75	-1.89	15.36	-5.94	-3.82	-7.17	-2.57	4.45
MRBLD1TOR130_COS		-50.49	88.07	134.87	245.44	-158.21	48.94	0.55	-24.75	4.65	-2.46	10.06	4.89	-1.43	-0.93	-4.54	0.90
MRBLD1TOR130_SIN		0.00	-105.37	-182.34	224.92	41.84	-22.07	2.05	-7.12	-4.52	-5.77	-3.38	3.29	1.69	2.20	1.94	-5.20
MRBLD1TOR164_COS		-274.92	33.54	90.79	181.23	-53.67	16.82	-3.44	-13.70	-1.38	3.84	4.37	-1.73	0.50	1.22	-4.88	2.39
MRBLD1TOR164_SIN		0.00	-41.42	-125.55	84.40	38.84	-18.02	4.30	3.59	-1.60	-6.87	8.20	-2.04	-3.16	2.25	-3.08	-5.13
MRFBM1CB26P5_COS		-846.97	-1393.49	330.08	76.41	-85.33	23.97	-10.98	1.03	3.07	-4.00	5.84	0.35	-0.99	-1.43	2.11	-0.68
MRFBM1CB26P5_SIN		0.00	1006.99	111.82	3.16	-148.25	-61.85	-62.40	-20.10	-3.05	-0.57	-22.41	0.74	0.08	-1.05	-1.81	-2.16
MRFBM1FB9_COS		634.07	87.19	-292.47	101.51	-32.97	18.15	21.04	8.45	-0.93	1.42	-1.74	-0.34	1.04	0.22	-1.52	1.18
MRFBM1FB9_SIN		0.00	-394.68	13.55	-233.07	-40.14	7.70	3.98	17.85	2.96	0.18	5.06	-1.42	-0.17	0.50	0.78	-1.56
MRFBM1TOR26P5_COS		-103.68	77.25	5.25	0.44	-6.54	1.37	0.13	0.29	-0.05	0.18	-0.33	-0.10	0.07	0.00	0.14	-0.01
MRFBM1TOR26P5_SIN		0.00	-267.49	-0.94	2.77	-1.29	0.00	-1.84	-0.25	0.36	0.52	0.10	-0.06	0.06	-0.06	0.00	0.19

RUN	POINT	Harmonics															
57	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		493.84	-1338.54	560.84	-15.16	-81.02	-56.51	-98.80	-49.06	10.81	6.65	-24.57	50.06	2.64	-7.34	4.49	2.97
MRPC1CB33P25_SIN		0.00	1795.23	-41.37	124.65	139.41	-190.76	-37.28	-38.62	-37.84	-8.06	-68.61	25.44	10.31	7.61	-11.29	22.53
MRPC1FB33P25_COS		1719.36	379.51	48.62	-120.65	449.34	-67.87	-42.53	-198.23	26.16	-65.01	32.82	14.70	-6.84	-1.47	28.84	3.07
MRPC1FB33P25_SIN		0.00	-181.51	43.10	752.90	177.76	-18.75	34.70	-266.54	-72.53	-39.67	-169.77	28.93	13.28	-4.89	-41.79	47.97
MRPC1TOR25P5_COS		-375.92	-17.45	-232.28	-218.12	197.11	-60.55	12.08	28.12	3.80	2.81	9.70	6.00	3.63	2.93	-12.73	3.06
MRPC1TOR25P5_SIN		0.00	-111.30	147.26	-345.69	-36.94	15.06	12.00	10.49	-5.75	-10.22	-16.12	12.39	6.00	13.14	6.33	-12.71
MRPLK1LOAD_COS		0.11	-6.58	-29.83	-29.88	26.47	-8.01	-0.65	4.09	1.43	0.06	2.66	1.05	0.17	0.58	-2.77	0.42
MRPLK1LOAD_SIN		0.00	-8.03	18.67	-51.24	-3.87	2.53	2.59	2.16	-1.28	-2.85	-1.28	1.13	0.21	1.90	0.93	-2.71
PITCHRH_COS		4228.46	-9479.25	793.61	-94.55	10.54	1816.71	113.98	-82.38	92.97	-51.88	-99.94	185.33	6.70	-123.53	68.38	10.45
PITCHRH_SIN		0.00	1968.55	-952.09	-111.75	114.60	-5304.33	-268.37	76.56	-167.42	-70.28	-0.70	-43.17	41.26	-181.60	49.47	31.04
ROLLRH_COS		9869.82	-2060.40	762.88	-42.40	-222.43	668.53	103.39	-132.59	49.59	90.73	320.04	78.65	-49.53	-191.71	-126.15	344.70
ROLLRH_SIN		0.00	-9495.88	662.82	-70.49	344.28	4217.40	-205.92	4.45	151.50	-136.29	2.89	144.07	-146.51	7.45	138.57	341.94
TORQ_COS		107484.34	540.15	37.58	160.62	99.59	-158.28	2.08	-35.72	13.05	0.88	3.23	1.03	-1.82	-2.63	-2.49	5.34
TORQ_SIN		0.00	897.09	-102.78	-131.43	-41.53	519.42	2.36	67.09	8.86	-4.77	72.64	10.17	-2.86	8.01	-5.24	4.96
THRUST_COS		5650.58	-138.72	25.12	-1.97	-11.89	-12.64	-3.25	-1.63	-0.85	7.62	73.12	20.23	-7.51	1.75	-0.28	0.53
THRUST_SIN		0.00	-83.02	-21.14	-31.58	23.45	45.28	11.31	16.99	4.02	-4.62	72.43	7.01	10.80	0.71	9.54	-51.20

RUN	POINT	Harmonics															
57	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-112.13	58.62	-25.23	-7.39	1.69	-326.69	-6.76	5.24	-2.26	-4.97	-20.29	-0.39	0.06	5.43	4.23	-11.05
SIDERH_SIN		0.00	238.12	-15.64	-5.46	-89.85	-350.55	3.29	-5.95	-3.80	6.75	-7.91	-6.77	3.80	-0.40	-4.08	-8.92
DRAGRH_COS		-119.38	245.59	7.67	4.13	-1.85	804.75	-3.50	-9.80	11.91	-2.28	-15.67	-11.32	-1.12	5.59	-3.34	1.72
DRAGRH_SIN		0.00	-49.97	34.76	2.32	6.36	595.97	36.41	7.65	1.99	11.81	16.71	1.78	2.61	6.86	-0.17	-6.99

RUN	POINT	Harmonics															
57	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	-1.41	0.00	0.00	0.00	0.01	0.02	-0.01	0.02	0.00	-0.02	-0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.48	-0.45	0.00	0.00	0.00	0.02	-0.04	0.01	-0.02	-0.01	0.00	-0.03	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.67	-0.13	-17.00	-6.13	5.41	-2.02	-1.47	0.38	1.04	-0.65	0.93	0.44	-0.77	-0.18	0.34	0.01
ACT1FORCE_SIN		0.00	21.07	9.66	-14.79	-2.38	3.48	-0.68	-0.15	-0.62	0.24	-0.85	0.31	-0.28	-1.10	0.61	0.28
FA1IBCURRENT_COS		-0.01	-0.02	0.06	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.10	0.02	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		377.53	-31.34	163.68	-231.42	-41.57	19.32	5.26	0.28	0.13	-0.07	0.17	0.18	-0.10	0.08	0.08	0.05
FA1IBVOLTAGE_SIN		0.00	-97.73	171.34	90.70	39.02	-16.08	3.43	-0.24	0.46	-0.07	0.03	0.24	-0.04	-0.22	0.07	0.05
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.09	-0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.68	31.63	-165.15	231.86	42.70	-20.43	-5.69	-0.14	-0.10	-0.10	-0.04	-0.13	0.06	-0.06	-0.04	-0.07
FA1OBVOLTAGE_SIN		0.00	98.80	-171.56	-92.33	-38.67	17.06	-4.10	0.00	-0.10	0.01	-0.14	-0.12	0.04	0.18	-0.04	-0.03
MRBLD1CB42P75_COS		-810.84	-1872.79	788.65	-183.58	-438.40	-48.82	-16.95	-55.19	-18.95	49.18	-49.13	70.62	-3.64	-4.14	0.91	-3.15
MRBLD1CB42P75_SIN		0.00	2250.19	44.82	87.01	374.56	-255.97	-43.57	-14.47	-38.44	46.65	-61.28	38.19	18.65	10.48	-14.05	33.17

RUN	POINT	Harmonics															
57	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4638.85	-1489.17	629.35	-387.38	-661.94	-65.97	52.52	-63.27	-23.92	53.94	-52.80	52.91	-0.89	7.52	3.91	4.71
MRBLD1CB70_SIN		0.00	1655.71	64.35	-38.64	803.73	-100.07	208.65	37.34	-28.79	44.20	3.15	24.42	16.90	4.03	-14.02	36.69
MRBLD1CB120_COS		-168.92	-879.66	482.39	-324.65	-439.55	-69.42	35.32	-70.94	45.95	-42.69	20.63	-33.94	2.02	4.71	6.27	-0.04
MRBLD1CB120_SIN		0.00	1027.25	23.19	11.69	860.52	110.53	462.37	-18.53	-23.24	-39.37	26.62	-11.69	2.22	-2.70	0.58	-0.67
MRBLD1CB164_COS		-2001.45	-284.03	104.99	-194.45	-104.90	-74.59	-29.38	-7.21	36.32	-57.51	37.44	-37.37	1.08	-11.39	-3.97	-2.94
MRBLD1CB164_SIN		0.00	333.99	78.38	13.23	349.31	122.62	246.13	-18.73	-7.32	-54.78	-5.95	-7.20	-0.65	0.88	8.35	-17.32
MRBLD1FB42P75_COS		2531.62	412.57	134.07	-153.80	642.92	-77.46	-30.48	-329.12	0.92	-89.34	-93.96	24.41	-1.52	-3.26	-15.54	42.49
MRBLD1FB42P75_SIN		0.00	-502.94	-34.51	1082.18	13.46	-17.16	47.30	-171.85	-76.03	5.81	-160.85	9.95	12.45	-1.39	-47.10	25.75
MRBLD1FB70_COS		613.97	99.29	36.98	-123.34	171.20	-24.00	-6.47	-41.71	5.62	5.11	-0.11	1.98	1.75	0.83	4.71	-6.66
MRBLD1FB70_SIN		0.00	-248.71	38.57	268.69	33.43	-17.46	11.61	-20.87	-2.59	8.16	6.24	0.11	0.91	1.17	8.55	-4.99
MRBLD1FB87_COS		72.33	119.23	-45.27	-115.88	91.22	-18.17	-9.09	28.75	3.31	16.29	23.12	-8.01	1.04	1.08	3.58	-9.64
MRBLD1FB87_SIN		0.00	-296.91	56.98	120.09	-1.81	8.75	-2.63	14.94	8.73	0.74	36.20	-0.36	-1.36	1.99	12.38	-3.35
MRBLD1FB120_COS		-288.27	151.45	-163.64	-200.79	8.98	-17.34	-30.96	56.76	-17.72	-13.38	-11.51	-2.26	-5.76	-2.18	-6.32	14.00
MRBLD1FB120_SIN		0.00	-390.61	84.91	162.12	-33.44	66.93	-11.66	34.09	11.40	-13.31	-18.38	-2.49	-5.02	-6.80	-19.30	3.07
MRBLD1FB164_COS		100.34	35.96	-42.87	78.29	-291.20	47.74	57.33	-64.02	17.19	17.67	15.56	-6.50	3.22	1.43	-1.35	-11.34
MRBLD1FB164_SIN		0.00	-460.11	-233.59	423.81	104.11	-9.85	-27.99	-61.66	-4.98	15.51	32.46	-1.20	-2.31	3.38	11.60	-3.22

RUN	POINT	Harmonics															
57	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		16.17	-90.90	6.40	146.98	-188.76	49.09	38.44	-56.58	16.41	17.79	39.56	-25.94	-15.55	-10.99	-7.26	17.28
MRBLD1FB180_SIN		0.00	-315.59	-213.61	243.89	76.59	-14.03	-12.05	-62.76	13.24	17.80	68.07	-7.48	-11.75	-11.94	-24.46	5.35
MRBLD1TOR51_COS		-1485.64	60.78	221.13	219.59	-193.42	61.20	-22.97	-39.60	-0.01	-1.33	2.08	1.37	-5.61	-3.46	10.25	0.29
MRBLD1TOR51_SIN		0.00	-128.73	-219.85	371.90	53.24	-25.89	-5.03	-12.39	-0.51	2.00	9.62	-3.57	-2.42	-11.53	-5.47	9.62
MRBLD1TOR71_COS		-309.90	90.69	162.48	238.70	-173.98	63.25	-16.11	-27.11	-0.28	0.06	3.80	-0.56	-3.70	-2.49	5.75	0.86
MRBLD1TOR71_SIN		0.00	-135.45	-215.88	299.68	30.18	-17.35	-4.73	2.93	2.28	0.43	15.98	-4.53	-2.22	-8.39	-3.48	5.25
MRBLD1TOR130_COS		-48.00	61.13	149.93	274.39	-174.17	51.57	-8.90	-28.42	6.70	-2.07	7.69	4.74	-0.33	-1.09	-6.49	0.26
MRBLD1TOR130_SIN		0.00	-105.60	-256.58	251.50	43.25	-24.88	2.64	-3.39	-3.01	-2.25	-3.09	3.97	3.05	2.91	-0.07	-4.17
MRBLD1TOR164_COS		-277.02	15.39	102.58	210.13	-56.33	17.81	-8.71	-15.75	-1.19	5.48	3.05	-1.89	2.41	1.86	-6.30	0.61
MRBLD1TOR164_SIN		0.00	-43.67	-168.85	95.41	42.93	-20.26	3.63	6.64	-0.59	-3.15	8.91	-1.91	-2.77	3.77	-3.94	-4.29
MRFBM1CB26P5_COS		-820.58	-1330.55	354.84	104.17	-74.42	24.31	-3.84	3.06	4.22	-4.54	5.36	0.72	-0.66	-1.69	1.91	-1.49
MRFBM1CB26P5_SIN		0.00	1108.19	122.64	9.51	-178.79	-67.16	-69.91	-20.62	-3.67	-0.57	-23.59	1.03	-1.06	-0.58	-2.25	-1.00
MRFBM1FB9_COS		675.27	-6.86	-300.74	159.60	-40.99	16.56	21.54	8.29	-1.70	1.32	-1.48	-0.36	0.88	0.10	-1.49	1.40
MRFBM1FB9_SIN		0.00	-446.94	56.74	-254.32	-37.74	10.72	6.89	18.09	2.75	-0.04	5.16	-1.28	-0.11	0.45	0.74	-1.60
MRFBM1TOR26P5_COS		-103.93	82.16	5.12	0.43	-7.47	1.44	0.30	0.41	-0.11	0.07	-0.18	-0.09	-0.02	-0.03	0.24	0.00
MRFBM1TOR26P5_SIN		0.00	-264.11	-1.42	3.01	-2.07	-0.32	-1.97	-0.16	0.33	0.36	0.12	-0.06	0.01	-0.09	0.08	0.15

RUN	POINT	Harmonics															
57	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		496.35	-1188.92	615.85	-11.15	-95.63	-63.36	-96.65	-48.24	8.52	10.30	-27.60	48.29	1.23	-4.71	0.94	0.24
MRPC1CB33P25_SIN		0.00	1853.17	-51.51	140.34	120.20	-200.90	-55.51	-32.36	-42.30	-1.63	-66.90	19.37	9.15	9.23	-12.49	28.60
MRPC1FB33P25_COS		1722.22	345.88	44.49	-298.75	524.62	-61.70	-34.16	-189.78	40.08	-61.52	28.71	15.93	-6.06	0.02	27.62	-0.22
MRPC1FB33P25_SIN		0.00	-216.84	-18.16	850.52	174.01	-38.80	31.92	-278.31	-71.27	-46.33	-171.19	25.51	7.49	-2.59	-41.50	52.00
MRPC1TOR25P5_COS		-382.68	18.75	-255.09	-234.12	215.85	-64.31	24.65	30.97	2.92	6.54	6.41	5.26	6.74	4.29	-17.79	0.38
MRPC1TOR25P5_SIN		0.00	-110.11	233.21	-385.38	-29.52	20.10	12.08	4.13	-7.13	-9.48	-16.13	11.31	6.07	16.42	2.52	-9.71
MRPLK1LOAD_COS		-0.94	-1.95	-32.59	-31.75	29.26	-8.44	0.73	4.17	1.46	0.76	1.82	0.91	1.01	0.85	-3.91	-0.12
MRPLK1LOAD_SIN		0.00	-8.02	30.17	-56.89	-2.46	3.70	2.40	1.22	-1.31	-2.23	-1.26	1.09	0.43	2.45	-0.13	-1.85
PITCHRH_COS		5673.94	-9504.77	798.30	-142.51	39.79	2722.59	111.33	-106.04	278.95	-46.14	86.48	288.78	46.05	-108.04	54.45	56.96
PITCHRH_SIN		0.00	1979.80	-1019.51	-93.15	116.92	-6501.34	-232.29	93.97	-89.66	-79.36	-123.99	-33.76	56.41	-232.49	-36.36	115.15
ROLLRH_COS		10953.54	-1981.74	738.26	-76.26	-314.30	764.32	117.49	-95.56	-108.44	131.49	359.60	94.94	-78.51	-213.43	-266.72	186.67
ROLLRH_SIN		0.00	-9504.08	661.20	-106.84	359.23	4753.29	-300.24	27.62	140.45	-119.66	-2.26	192.90	-101.38	-91.39	247.72	214.68
TORQ_COS		108192.73	552.26	28.22	141.42	101.04	-138.70	-3.29	-46.77	13.47	5.36	6.60	-5.59	0.04	-2.61	-2.52	2.69
TORQ_SIN		0.00	870.91	-119.11	-139.05	-3.40	549.48	8.95	58.20	11.64	-4.14	75.27	11.95	-0.64	3.18	-3.49	2.52
THRUST_COS		5757.65	-137.70	29.24	-5.52	-11.38	-26.04	-4.94	-3.33	-5.55	10.31	57.71	21.04	-5.00	-2.69	-0.39	20.01
THRUST_SIN		0.00	-80.06	-30.54	-26.15	22.19	71.21	9.62	18.70	3.03	-1.27	79.59	20.93	5.48	-2.69	2.85	-43.22

RUN	POINT	Harmonics															
57	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-107.80	55.12	-23.38	-8.91	8.00	-355.52	-7.29	6.41	1.57	-7.61	-20.42	0.11	1.43	6.41	8.36	-6.85
SIDERH_SIN		0.00	238.15	-16.37	-4.26	-88.81	-415.58	4.77	-7.94	-4.74	6.38	-8.96	-7.95	3.36	2.42	-7.24	-4.78
DRAGRH_COS		-102.35	245.42	9.56	6.51	-5.64	856.14	-1.02	-11.25	6.61	-6.18	-28.57	-16.67	-2.16	3.79	-2.21	0.01
DRAGRH_SIN		0.00	-51.11	37.24	3.20	11.22	838.62	40.16	4.60	1.95	12.00	15.06	-1.47	0.46	9.21	2.87	-9.87

RUN	POINT	Harmonics															
57	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.05	-0.94	0.01	0.00	0.00	-0.04	0.00	-0.02	0.00	0.02	-0.02	-0.02	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.98	-0.30	0.00	0.01	0.00	0.00	0.00	0.00	-0.01	0.01	0.03	-0.01	0.00	0.01
ACT1DISP_COS		2.67	0.00	-0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.36	0.40	-19.72	-6.65	4.32	-1.61	-1.35	-0.64	0.46	-0.92	0.38	0.28	-1.21	-0.14	0.07	-0.28
ACT1FORCE_SIN		0.00	19.56	9.44	-11.12	-0.87	3.42	-0.72	-0.57	0.13	-0.05	-0.68	0.75	0.38	-0.41	0.24	0.27
FA1IBCURRENT_COS		-0.01	-0.01	0.08	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	0.06	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.09	-37.98	216.79	-122.84	-30.05	10.27	4.28	0.37	0.03	-0.08	0.15	-0.01	-0.23	0.00	0.09	-0.06
FA1IBVOLTAGE_SIN		0.00	-72.69	270.28	68.24	14.67	-14.84	4.69	-0.24	0.27	-0.15	0.01	0.19	-0.04	-0.14	0.01	0.03
FA1OBCURRENT_COS		0.02	0.01	-0.08	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		439.10	38.23	-218.47	123.12	31.35	-11.23	-4.60	-0.10	-0.01	-0.09	-0.04	0.03	0.17	0.02	-0.07	0.05
FA1OBVOLTAGE_SIN		0.00	73.74	-270.64	-69.59	-13.94	15.68	-5.02	0.06	-0.01	0.07	-0.07	-0.12	0.04	0.10	0.01	-0.02
MRBLD1CB42P75_COS		-791.67	-1640.34	768.59	-159.10	-389.75	-67.35	-22.10	-77.66	-8.75	41.01	-52.50	57.86	-6.61	-5.50	17.64	-7.22
MRBLD1CB42P75_SIN		0.00	2401.96	39.61	112.36	350.20	-237.41	-32.54	-13.37	-24.91	29.40	-73.22	56.73	10.88	9.67	-8.71	29.85

RUN	POINT	Harmonics															
57	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4642.87	-1337.80	604.08	-358.67	-581.08	-73.00	35.21	-90.97	-15.57	46.31	-45.72	46.98	-3.05	2.12	16.42	-1.28
MRBLD1CB70_SIN		0.00	1753.19	48.47	1.52	759.09	-98.22	189.43	33.49	-19.23	27.00	-7.34	43.39	8.95	7.14	-12.72	35.96
MRBLD1CB120_COS		-162.56	-825.42	461.79	-295.93	-396.56	-60.80	20.36	-96.28	33.05	-33.30	24.53	-26.21	3.11	3.72	2.73	0.05
MRBLD1CB120_SIN		0.00	1065.41	-1.38	30.17	820.10	96.98	408.29	-8.97	-26.69	-31.15	38.17	-17.01	5.76	-1.92	-1.62	-0.26
MRBLD1CB164_COS		-1999.78	-270.19	102.30	-172.19	-102.43	-63.05	-28.08	-6.94	26.04	-46.26	32.23	-30.78	1.63	-7.73	-10.54	1.15
MRBLD1CB164_SIN		0.00	345.31	77.67	20.15	331.81	108.17	217.11	-15.86	-11.80	-39.94	6.34	-18.29	5.32	-0.86	8.40	-17.16
MRBLD1FB42P75_COS		2528.32	356.42	147.50	-71.79	506.99	-90.60	-46.17	-368.01	-2.20	-83.57	-97.14	19.17	-4.09	-4.87	4.36	34.48
MRBLD1FB42P75_SIN		0.00	-514.39	-7.64	989.55	45.64	22.49	36.63	-86.87	-64.71	-11.32	-146.22	12.61	11.25	-6.42	-55.77	29.14
MRBLD1FB70_COS		616.68	100.84	39.82	-92.61	133.13	-27.24	-8.78	-49.50	5.61	3.72	-0.54	2.27	1.56	1.29	0.08	-5.45
MRBLD1FB70_SIN		0.00	-241.04	50.75	245.84	39.43	-8.03	9.86	-6.57	-0.45	6.58	6.03	0.70	0.83	1.56	10.23	-5.84
MRBLD1FB87_COS		72.20	120.39	-41.54	-97.51	69.59	-19.33	-7.83	32.24	3.62	15.54	24.41	-6.80	1.91	1.60	-0.83	-7.74
MRBLD1FB87_SIN		0.00	-294.91	68.03	112.30	2.68	7.71	-2.61	6.88	7.64	4.09	33.83	-1.47	-0.45	3.24	14.73	-3.76
MRBLD1FB120_COS		-291.15	159.90	-149.74	-180.79	5.67	-15.87	-27.15	67.08	-17.77	-11.37	-11.66	-3.02	-5.43	-2.48	1.49	11.72
MRBLD1FB120_SIN		0.00	-397.17	107.48	162.72	-27.41	56.62	-11.04	11.78	6.81	-12.95	-18.63	-3.21	-6.54	-8.50	-22.80	3.90
MRBLD1FB164_COS		97.22	28.47	-39.15	66.65	-228.59	61.29	54.98	-78.72	17.28	15.84	15.99	-6.06	3.35	1.77	-4.51	-9.79
MRBLD1FB164_SIN		0.00	-464.67	-227.70	401.99	88.18	-16.83	-20.85	-28.56	-0.04	16.46	32.11	-1.24	-1.46	4.29	13.43	-3.58

RUN	POINT	Harmonics															
57	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		15.53	-101.55	5.25	124.53	-144.64	55.61	36.37	-69.54	15.89	17.74	41.50	-24.10	-12.48	-9.97	0.91	14.77
MRBLD1FB180_SIN		0.00	-317.97	-222.70	226.79	61.42	-14.69	-10.69	-33.71	14.12	21.34	63.99	-13.44	-11.85	-13.37	-28.85	5.77
MRBLD1TOR51_COS		-1487.07	45.57	211.14	203.52	-158.88	46.00	-9.90	-55.93	0.35	-3.85	0.74	4.31	-4.64	-3.44	9.41	0.16
MRBLD1TOR51_SIN		0.00	-123.19	-253.68	329.57	44.36	-13.74	-1.73	1.84	8.95	2.46	9.09	-2.78	0.60	-8.71	-6.07	7.44
MRBLD1TOR71_COS		-310.09	72.37	154.20	218.65	-139.61	50.70	-3.53	-38.31	-0.35	-1.98	2.18	2.68	-2.75	-2.77	5.17	1.03
MRBLD1TOR71_SIN		0.00	-131.80	-248.95	261.23	21.89	-7.58	-0.56	13.55	10.70	2.51	15.02	-3.33	0.91	-6.09	-4.05	4.22
MRBLD1TOR130_COS		-48.13	41.91	141.37	247.63	-137.93	43.21	0.95	-36.47	5.99	-1.57	4.73	5.38	0.21	-1.59	-5.29	0.32
MRBLD1TOR130_SIN		0.00	-101.71	-292.36	216.82	32.03	-16.65	6.33	5.85	3.04	-0.60	-4.05	5.84	3.92	2.97	0.34	-2.81
MRBLD1TOR164_COS		-276.98	2.14	96.23	188.25	-43.71	11.09	-3.53	-16.61	-0.39	6.41	2.53	-1.06	3.01	2.02	-3.09	0.50
MRBLD1TOR164_SIN		0.00	-39.46	-200.25	74.59	33.45	-15.08	4.44	9.17	0.55	-1.67	7.56	-1.41	-2.95	2.15	-1.99	-2.97
MRFBM1CB26P5_COS		-802.93	-1205.60	348.84	91.64	-65.16	18.51	-2.02	6.15	4.18	-3.70	2.60	-0.01	-0.67	-0.64	2.51	-1.01
MRFBM1CB26P5_SIN		0.00	1226.73	123.65	5.56	-163.33	-63.88	-63.01	-18.15	-3.38	-0.90	-22.96	-0.27	-0.62	-1.41	-1.12	-1.43
MRFBM1FB9_COS		675.79	-110.46	-294.71	132.62	-26.90	18.96	19.77	13.18	-1.28	0.87	-1.42	-0.07	0.85	-0.10	-1.86	1.55
MRFBM1FB9_SIN		0.00	-463.69	32.88	-239.54	-35.25	8.22	7.15	16.87	2.44	0.85	5.24	-1.28	0.18	0.46	0.05	-1.21
MRFBM1TOR26P5_COS		-102.82	84.07	4.94	0.51	-6.00	1.09	0.38	0.18	-0.07	-0.05	-0.09	-0.12	-0.04	0.00	0.13	-0.01
MRFBM1TOR26P5_SIN		0.00	-264.02	-1.50	2.62	-1.90	0.04	-1.91	-0.05	0.36	0.25	0.21	-0.18	-0.01	-0.08	0.05	0.07

RUN	POINT	Harmonics															
57	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		495.69	-1000.44	608.30	7.24	-89.60	-75.72	-90.38	-61.32	12.10	7.06	-33.49	38.89	-1.59	-3.88	15.89	-4.30
MRPC1CB33P25_SIN		0.00	1953.64	-54.73	152.61	108.34	-182.83	-43.17	-28.17	-37.52	-6.39	-70.02	31.50	5.64	6.63	-9.37	25.75
MRPC1FB33P25_COS		1722.99	297.94	50.87	-213.70	406.73	-82.69	-44.48	-253.20	32.31	-48.26	18.68	10.01	-7.57	2.05	48.75	-7.61
MRPC1FB33P25_SIN		0.00	-230.53	4.38	792.05	170.55	-11.04	16.99	-228.10	-63.47	-55.49	-162.58	25.16	4.60	-7.21	-29.05	48.22
MRPC1TOR25P5_COS		-380.17	40.28	-244.08	-213.09	175.06	-48.54	8.85	47.18	2.73	11.42	5.73	2.34	6.26	3.40	-12.34	-0.51
MRPC1TOR25P5_SIN		0.00	-111.62	268.59	-338.89	-22.01	6.69	9.65	-10.26	-17.16	-9.10	-17.49	13.21	3.23	12.51	5.15	-6.01
MRPLK1LOAD_COS		-0.75	0.79	-31.31	-28.97	23.40	-6.03	-1.11	6.63	1.29	1.75	1.17	0.78	1.01	0.65	-2.69	-0.11
MRPLK1LOAD_SIN		0.00	-7.94	34.72	-50.53	-1.62	1.58	2.14	-0.97	-2.58	-1.73	-1.84	1.77	0.30	1.92	0.25	-1.14
PITCHRH_COS		7463.18	-9459.76	773.27	-127.42	-13.82	2569.54	192.32	-104.29	259.50	-31.12	-80.04	221.04	-33.74	1.16	50.02	3.66
PITCHRH_SIN		0.00	1932.51	-970.62	-27.11	97.26	-5301.78	-234.77	74.72	-175.29	-33.52	-182.47	52.97	85.76	-246.54	7.27	160.22
ROLLRH_COS		11449.99	-1993.06	726.78	-35.50	-299.13	351.44	179.88	-83.54	28.14	117.41	413.56	26.76	-60.12	-140.07	-192.56	123.67
ROLLRH_SIN		0.00	-9509.11	659.23	-40.96	356.14	4118.84	-284.72	-30.15	71.83	-139.44	-2.39	198.23	-108.84	-67.96	56.36	378.06
TORQ_COS		108444.65	546.36	34.11	143.48	99.54	-85.91	2.64	-72.04	5.82	0.27	18.74	-3.66	-0.15	-4.41	-4.18	2.02
TORQ_SIN		0.00	835.34	-113.75	-151.32	-21.74	502.66	8.05	57.72	3.71	0.36	79.25	7.63	-3.07	5.05	-3.60	3.91
THRUST_COS		5761.81	-133.73	24.88	-5.13	-11.13	-9.42	-1.39	-7.05	-4.84	13.00	49.52	11.39	3.35	-3.26	-3.49	23.63
THRUST_SIN		0.00	-76.62	-29.33	-29.80	28.27	35.44	9.25	24.57	0.06	2.05	81.40	16.84	5.33	4.52	0.82	-36.37

RUN	POINT	Harmonics															
57	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-103.34	55.01	-21.86	-10.41	5.95	-295.98	-9.79	6.60	-0.49	-6.51	-21.05	1.83	0.61	4.31	5.97	-4.81
SIDERH_SIN		0.00	241.14	-12.83	-4.40	-85.90	-375.21	3.24	-5.75	-1.87	6.73	-7.44	-7.03	2.29	1.63	-1.71	-10.30
DRAGRH_COS		-91.27	245.44	9.16	5.18	0.13	738.80	-4.48	-11.69	6.54	-4.70	-17.95	-12.59	-0.93	1.62	-3.35	4.37
DRAGRH_SIN		0.00	-48.82	35.47	2.78	11.43	704.48	38.85	2.07	5.63	7.55	16.21	-5.04	0.35	10.08	1.13	-9.49

RUN	POINT	Harmonics															
57	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.02	-1.41	0.00	0.00	0.00	0.02	0.01	0.02	0.04	0.01	-0.01	-0.01	0.02	0.00
FLAP1C_SIN		0.00	0.00	0.99	-0.45	0.00	0.00	0.00	0.01	-0.03	0.03	-0.04	-0.01	-0.01	-0.02	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.84	-0.13	-16.06	-5.17	5.23	-1.88	-1.10	0.87	0.60	-0.13	1.25	0.52	-0.49	-0.03	0.49	-0.14
ACT1FORCE_SIN		0.00	20.85	7.75	-15.28	-1.75	3.38	-1.12	-0.09	-0.38	1.02	-0.82	0.09	-0.34	-0.69	0.73	0.14
FA1IBCURRENT_COS		-0.01	-0.02	0.04	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.10	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		385.17	-23.35	135.62	-251.06	-42.47	14.02	2.97	0.19	0.28	-0.23	0.08	0.22	-0.05	0.09	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-108.25	102.10	87.76	32.89	-18.04	8.82	-0.35	0.32	0.12	0.13	0.06	0.04	-0.08	0.09	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.03	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.10	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		420.83	23.59	-136.61	251.51	43.45	-14.70	-3.39	-0.18	-0.17	0.06	-0.04	-0.15	0.01	-0.10	0.06	0.01
FA1OBVOLTAGE_SIN		0.00	109.03	-102.21	-88.81	-32.80	18.84	-9.50	0.07	-0.06	-0.13	-0.21	0.00	-0.02	0.07	-0.08	0.01
MRBLD1CB42P75_COS		-798.41	-1783.21	770.82	-179.95	-387.78	-39.23	-18.06	-72.15	-14.66	49.14	-39.95	68.93	-9.05	-10.61	11.22	-5.82
MRBLD1CB42P75_SIN		0.00	1955.78	49.50	95.25	374.01	-241.36	-20.89	-38.79	-28.32	24.37	-76.88	50.77	17.57	7.26	-13.15	29.00

RUN	POINT	Harmonics															
57	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4654.47	-1408.80	598.65	-360.90	-552.46	-66.36	52.55	-75.62	-20.20	55.54	-56.69	52.85	-3.45	0.92	11.42	-1.71
MRBLD1CB70_SIN		0.00	1451.21	51.66	-4.75	785.65	-107.78	215.58	12.88	-20.42	24.92	-7.05	34.28	14.31	5.26	-15.69	37.00
MRBLD1CB120_COS		-154.25	-842.62	452.79	-289.07	-343.98	-74.22	44.45	-78.89	38.19	-41.15	18.56	-35.16	4.34	6.30	5.82	-1.41
MRBLD1CB120_SIN		0.00	940.54	14.13	33.88	842.49	85.30	435.38	-27.80	-24.65	-26.52	35.22	-16.76	1.91	-0.80	1.48	0.45
MRBLD1CB164_COS		-1998.80	-279.00	95.36	-167.39	-75.77	-73.78	-22.09	-2.65	27.36	-57.68	44.83	-36.22	2.14	-7.91	-8.21	2.43
MRBLD1CB164_SIN		0.00	315.61	55.72	18.93	341.59	102.65	227.16	-13.74	-11.05	-38.45	2.02	-13.46	0.03	-0.16	10.68	-18.41
MRBLD1FB42P75_COS		2547.29	401.90	153.44	-38.67	579.53	-64.32	-30.67	-399.26	-17.88	-86.27	-63.90	25.05	-1.72	-4.91	2.62	37.07
MRBLD1FB42P75_SIN		0.00	-419.31	22.95	965.25	65.20	26.78	45.13	-179.75	-63.82	6.44	-195.55	18.86	17.47	-3.98	-62.23	28.65
MRBLD1FB70_COS		615.87	101.85	45.39	-81.01	154.39	-19.82	-4.98	-54.40	3.63	4.13	-0.84	2.39	1.53	1.12	0.77	-5.44
MRBLD1FB70_SIN		0.00	-247.23	54.92	236.53	45.02	-8.73	12.59	-23.00	-0.85	7.14	5.83	-0.29	0.62	1.68	11.71	-5.31
MRBLD1FB87_COS		68.73	118.60	-37.16	-88.53	79.06	-17.82	-9.45	33.66	4.92	15.68	16.50	-8.41	1.08	1.66	-0.25	-8.45
MRBLD1FB87_SIN		0.00	-297.76	64.00	105.81	3.86	9.37	-1.63	15.79	7.45	1.74	44.54	-2.49	-2.30	2.78	16.05	-3.64
MRBLD1FB120_COS		-296.83	148.74	-150.63	-161.35	7.64	-18.36	-30.15	74.77	-14.39	-12.25	-8.77	-2.49	-5.03	-2.57	-0.21	12.44
MRBLD1FB120_SIN		0.00	-399.84	86.02	145.72	-30.63	58.96	-10.96	36.28	8.30	-13.63	-21.00	-1.55	-4.54	-8.48	-24.66	3.47
MRBLD1FB164_COS		89.38	54.77	-22.55	91.03	-256.28	44.59	55.25	-90.58	12.84	15.13	11.10	-6.40	3.21	2.25	-4.61	-10.25
MRBLD1FB164_SIN		0.00	-473.46	-155.49	389.97	91.68	-21.87	-23.96	-61.27	-2.04	16.93	36.56	-2.71	-3.12	3.98	14.62	-3.79

RUN	POINT	Harmonics															
57	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		14.41	-73.88	24.68	141.02	-167.27	48.30	36.96	-84.42	12.17	15.59	28.92	-26.02	-14.24	-8.61	0.71	15.12
MRBLD1FB180_SIN		0.00	-325.83	-146.62	228.79	67.24	-21.18	-8.23	-62.92	13.23	17.15	83.30	-11.64	-15.52	-15.37	-30.84	3.81
MRBLD1TOR51_COS		-1486.21	91.56	208.68	197.83	-179.87	54.33	-8.28	-50.86	-4.43	-0.82	-1.75	2.56	-3.09	-0.43	12.04	-0.85
MRBLD1TOR51_SIN		0.00	-131.89	-137.38	347.52	55.26	-17.59	-9.82	-22.08	-0.19	-0.35	8.85	-4.80	-4.21	-10.08	-4.47	9.41
MRBLD1TOR71_COS		-309.34	118.68	151.59	212.33	-162.47	57.08	-2.54	-34.65	-4.17	0.19	-0.89	0.90	-2.13	-0.09	7.10	0.12
MRBLD1TOR71_SIN		0.00	-134.37	-139.14	278.84	29.73	-11.34	-9.03	-4.08	2.33	-1.45	15.89	-5.50	-4.05	-7.37	-2.00	4.84
MRBLD1TOR130_COS		-47.47	90.83	140.85	241.14	-161.73	46.48	1.72	-34.62	2.46	-2.67	9.34	5.06	-1.95	-1.70	-6.08	0.50
MRBLD1TOR130_SIN		0.00	-104.32	-181.49	235.40	38.73	-20.58	-0.12	-9.84	-2.91	-5.29	-3.81	5.35	2.31	1.99	0.81	-4.47
MRBLD1TOR164_COS		-275.97	36.17	93.97	182.12	-55.36	15.58	-3.60	-17.93	-2.38	4.29	1.88	-1.37	0.75	0.64	-4.55	1.38
MRBLD1TOR164_SIN		0.00	-41.08	-123.75	90.48	38.61	-15.58	2.97	3.15	-0.84	-6.12	8.90	-1.14	-2.57	2.23	-3.68	-4.61
MRFBM1CB26P5_COS		-789.78	-1196.42	350.46	78.77	-74.55	25.02	-7.07	3.10	4.17	-4.14	10.50	0.51	-1.01	-0.96	3.07	-0.63
MRFBM1CB26P5_SIN		0.00	920.51	120.18	10.83	-162.19	-59.02	-64.62	-20.31	-3.87	-1.20	-24.19	1.48	-0.55	-1.12	-1.29	-1.91
MRFBM1FB9_COS		693.25	-69.38	-307.49	123.38	-32.98	17.50	20.14	10.34	-0.77	1.09	-2.84	-0.23	1.18	0.05	-2.16	1.49
MRFBM1FB9_SIN		0.00	-261.53	14.42	-238.25	-41.96	6.49	5.51	21.54	3.01	0.21	4.82	-1.43	0.02	0.54	0.16	-1.32
MRFBM1TOR26P5_COS		-103.23	89.31	5.27	0.40	-6.48	1.23	0.34	0.25	-0.04	0.16	-0.26	-0.12	0.08	0.02	0.16	0.00
MRFBM1TOR26P5_SIN		0.00	-263.64	-0.53	2.76	-1.73	0.03	-2.17	-0.23	0.31	0.48	0.15	-0.15	0.02	-0.06	0.04	0.15

RUN	POINT	Harmonics															
57	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		491.37	-1184.62	616.08	-19.77	-100.17	-49.63	-88.42	-64.41	12.06	8.92	-16.07	46.05	-2.62	-8.50	10.41	-2.39
MRPC1CB33P25_SIN		0.00	1638.24	-38.12	131.68	123.33	-187.17	-42.13	-46.91	-36.81	-11.02	-78.39	28.63	9.71	5.43	-11.62	25.26
MRPC1FB33P25_COS		1735.94	330.61	49.27	-183.12	464.67	-63.68	-34.24	-240.56	20.67	-59.26	70.95	9.94	-11.05	-0.18	51.53	-6.37
MRPC1FB33P25_SIN		0.00	-149.17	27.18	775.24	203.57	0.39	30.06	-311.01	-69.89	-44.66	-178.46	33.20	11.37	-5.50	-35.36	48.37
MRPC1TOR25P5_COS		-383.86	-3.32	-241.37	-206.13	200.06	-57.14	8.28	42.13	6.21	5.13	14.29	4.62	1.58	-0.35	-16.63	0.81
MRPC1TOR25P5_SIN		0.00	-109.75	145.86	-360.67	-31.16	10.85	19.39	14.04	-7.04	-9.09	-16.88	15.13	7.99	13.47	3.57	-11.37
MRPLK1LOAD_COS		-1.64	-4.12	-31.16	-28.17	26.77	-7.30	-1.36	5.95	1.71	0.42	2.73	1.05	-0.02	0.07	-3.50	0.04
MRPLK1LOAD_SIN		0.00	-8.21	18.79	-53.23	-3.00	2.04	3.84	2.50	-1.36	-2.51	-1.41	1.85	0.59	1.93	0.33	-2.25
PITCHRH_COS		6649.66	-9416.51	847.25	-95.62	-35.81	2378.50	189.19	-61.48	170.09	-21.67	-122.87	247.81	-28.22	-103.10	-3.49	83.02
PITCHRH_SIN		0.00	1974.07	-936.44	-129.34	125.97	-5588.43	-246.39	65.01	-113.98	-43.20	-46.19	-6.77	65.05	-254.44	-43.87	196.40
ROLLRH_COS		7437.32	-2045.65	719.05	-17.48	-248.56	612.74	89.50	-137.27	-77.63	73.07	308.76	107.34	-74.54	-164.62	-210.47	264.03
ROLLRH_SIN		0.00	-9457.21	664.62	-112.44	243.08	4405.69	-226.48	-3.27	4.90	-144.98	-1.80	194.71	-119.34	-116.65	98.11	420.67
TORQ_COS		108884.58	505.10	24.21	161.30	101.52	-153.40	-1.63	-51.77	11.52	-0.32	-7.28	-3.88	-1.71	-2.30	-4.10	-1.01
TORQ_SIN		0.00	865.22	-98.93	-149.32	-43.48	494.13	3.31	58.90	10.40	-0.96	86.06	7.27	-4.65	5.27	-5.36	4.55
THRUST_COS		5826.86	-133.28	25.65	-5.60	-10.61	-17.24	-2.68	-5.14	-3.24	11.56	54.97	15.63	-6.97	0.14	-2.35	15.52
THRUST_SIN		0.00	-78.67	-21.76	-30.54	25.93	35.38	10.70	17.42	2.43	-3.75	84.31	6.79	7.67	-1.29	7.98	-44.25

RUN	POINT	Harmonics															
57	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-130.86	56.37	-25.86	-9.64	8.07	-320.82	-5.64	6.22	1.85	-3.95	-19.72	-0.19	0.84	4.70	6.73	-8.76
SIDERH_SIN		0.00	240.14	-13.49	-5.28	-75.41	-382.46	1.52	-5.83	-0.15	7.20	-7.37	-8.19	2.77	3.21	-2.74	-11.31
DRAGRH_COS		-99.55	244.91	6.04	4.93	2.04	796.61	-9.73	-8.92	7.81	-3.69	-17.10	-13.90	-0.46	4.30	-0.76	0.22
DRAGRH_SIN		0.00	-50.62	36.35	2.55	6.52	707.77	36.78	5.61	1.96	9.00	14.52	-1.19	1.43	9.76	3.73	-12.09

RUN	POINT	Harmonics															
57	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.94	-0.03	0.00	0.00	0.02	-0.04	0.00	-0.03	0.00	0.00	0.00	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.01	-0.29	-0.50	0.00	0.00	0.03	0.03	0.02	0.03	0.01	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.93	-1.51	-11.03	-3.54	8.13	-0.84	-1.09	0.89	-0.97	-0.22	-0.90	-0.06	-0.14	0.06	0.30	-0.24
ACT1FORCE_SIN		0.00	20.54	4.36	-12.48	-2.43	3.82	-0.96	0.28	0.47	0.60	0.33	-0.17	0.34	-0.10	0.43	0.18
FA1IBCURRENT_COS		-0.01	-0.02	-0.01	0.01	-0.04	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		385.97	0.28	64.15	-181.08	-83.65	-1.15	6.44	0.20	0.17	-0.04	-0.23	-0.04	0.02	0.04	-0.07	0.02
FA1IBVOLTAGE_SIN		0.00	-127.46	-49.62	74.01	-70.84	-25.22	11.36	-0.31	-0.08	0.15	-0.20	-0.17	-0.04	-0.02	0.06	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.04	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	-0.07	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		419.89	-0.03	-64.57	181.16	84.57	1.45	-6.84	0.04	0.10	-0.01	0.19	0.06	0.02	-0.04	0.07	-0.02
FA1OBVOLTAGE_SIN		0.00	127.92	49.95	-74.92	70.70	25.74	-11.54	-0.13	0.10	-0.05	0.16	0.13	0.04	0.03	-0.07	0.08
MRBLD1CB42P75_COS		-929.64	-2001.66	654.90	-166.37	-220.06	-64.77	-30.92	-17.73	-19.91	21.82	-43.65	71.23	-16.98	-10.07	11.07	-1.58
MRBLD1CB42P75_SIN		0.00	1454.42	-17.49	141.43	463.78	-265.10	3.15	-79.84	13.49	-10.00	-77.40	24.46	13.00	3.45	-16.78	25.42

RUN	POINT	Harmonics															
57	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4487.70	-1503.89	522.89	-334.75	-192.67	-62.15	105.71	-15.35	-26.95	31.92	-42.03	53.06	-10.56	-4.83	6.46	12.91
MRBLD1CB70_SIN		0.00	1087.91	-50.84	118.11	857.30	-149.01	199.67	-24.94	18.05	-9.52	1.66	8.00	9.69	1.51	-20.72	27.69
MRBLD1CB120_COS		-198.44	-858.61	409.84	-230.71	2.53	-59.36	183.42	-27.24	15.80	-24.76	7.67	-38.85	6.65	4.42	6.25	-3.49
MRBLD1CB120_SIN		0.00	759.37	-53.17	149.54	846.67	50.06	365.82	-42.21	-35.56	-2.53	35.23	-9.35	0.65	-0.77	0.99	3.70
MRBLD1CB164_COS		-1991.05	-273.20	92.72	-87.64	52.52	-47.02	61.41	-1.62	19.06	-37.04	25.18	-35.42	7.94	0.93	-7.34	-8.69
MRBLD1CB164_SIN		0.00	267.87	1.64	75.52	327.51	88.90	189.16	-4.55	-38.53	-8.18	-6.78	2.36	1.12	3.03	14.58	-17.52
MRBLD1FB42P75_COS		2512.02	476.62	82.04	467.17	454.83	-159.15	-40.56	-328.23	-49.51	-82.68	-140.32	38.68	-4.33	-6.23	-4.49	45.46
MRBLD1FB42P75_SIN		0.00	-303.65	170.26	920.95	-47.08	56.70	33.77	-261.15	-42.66	2.57	-148.32	8.89	8.34	-15.48	-66.25	22.43
MRBLD1FB70_COS		587.51	105.29	22.52	85.82	134.37	-42.89	-3.60	-41.35	1.14	3.13	0.35	1.19	2.15	1.52	1.62	-6.80
MRBLD1FB70_SIN		0.00	-248.44	95.81	240.49	11.23	-3.40	13.48	-39.64	3.04	5.85	6.33	-0.54	0.79	3.36	12.08	-5.76
MRBLD1FB87_COS		56.55	123.12	-44.58	16.45	63.63	-18.02	-6.71	27.99	9.35	17.34	33.39	-10.25	3.01	2.56	1.87	-9.71
MRBLD1FB87_SIN		0.00	-292.52	84.50	117.18	-12.51	10.81	0.85	21.14	2.68	1.82	34.11	0.37	-0.55	5.26	16.57	-1.36
MRBLD1FB120_COS		-302.28	149.56	-159.50	-29.26	-7.86	6.05	-28.88	51.33	-9.41	-13.71	-14.40	0.57	-7.64	-4.83	-2.67	13.65
MRBLD1FB120_SIN		0.00	-389.81	92.25	162.93	-15.29	56.13	-3.07	61.38	2.28	-10.50	-19.16	-2.61	-5.19	-11.03	-25.56	1.44
MRBLD1FB164_COS		46.22	97.65	-62.12	137.30	-212.16	55.81	42.37	-62.62	10.32	17.24	22.47	-6.95	4.04	2.05	-2.85	-11.17
MRBLD1FB164_SIN		0.00	-466.42	16.26	366.68	176.78	-15.89	-28.25	-96.72	0.65	12.69	29.15	-1.22	-1.41	5.80	14.53	-1.89

RUN	POINT	Harmonics															
57	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.67	-35.21	4.44	122.24	-130.58	38.27	36.66	-62.53	15.17	24.78	61.05	-28.14	-15.76	-10.55	-3.45	16.59
MRBLD1FB180_SIN		0.00	-322.39	3.24	207.73	133.95	-24.75	-11.19	-94.81	3.55	13.86	61.72	-5.61	-11.56	-16.23	-31.42	2.34
MRBLD1TOR51_COS		-1499.86	144.63	138.55	148.51	-156.80	25.64	2.30	-29.08	-8.56	0.76	1.92	-4.63	-1.06	-0.96	9.99	5.70
MRBLD1TOR51_SIN		0.00	-134.06	34.16	278.93	115.10	-70.65	1.07	-49.43	11.26	2.51	16.62	-6.76	-3.49	-7.77	-7.15	8.03
MRBLD1TOR71_COS		-316.67	171.72	93.84	146.24	-145.71	33.28	7.50	-19.06	-6.34	1.22	6.19	-7.91	-1.68	-0.87	6.22	1.49
MRBLD1TOR71_SIN		0.00	-129.56	24.30	209.36	84.61	-58.66	-0.52	-27.75	11.22	4.58	19.54	-7.03	-1.64	-4.78	-2.79	5.21
MRBLD1TOR130_COS		-51.05	144.85	93.65	147.39	-140.88	23.32	11.36	-18.61	-1.08	-3.18	9.24	-0.66	-4.42	-1.94	-4.91	-6.21
MRBLD1TOR130_SIN		0.00	-100.48	-17.12	164.29	90.54	-55.86	1.92	-29.55	3.54	0.83	-9.54	3.73	4.71	3.22	3.63	-2.31
MRBLD1TOR164_COS		-267.82	71.50	72.31	97.08	-45.91	-1.67	3.11	-11.59	0.97	1.60	9.38	-3.03	-2.97	0.63	-3.63	-4.39
MRBLD1TOR164_SIN		0.00	-38.97	-21.44	44.06	57.35	-36.48	4.32	-7.40	0.11	-1.50	0.13	-0.50	-1.10	1.51	-0.62	-3.21
MRFBM1CB26P5_COS		-1060.37	-1207.95	301.80	30.20	-117.07	19.60	-28.47	0.73	2.22	-3.41	1.87	0.68	-0.43	0.59	3.77	-3.66
MRFBM1CB26P5_SIN		0.00	590.72	80.98	-25.66	-103.95	-59.97	-55.26	-19.62	-2.59	-1.59	-26.05	2.51	-0.62	-1.37	-1.18	0.52
MRFBM1FB9_COS		535.97	96.26	-234.41	-2.18	-30.46	26.94	19.28	3.89	1.74	0.83	-0.82	-0.38	0.78	-0.15	-2.00	1.02
MRFBM1FB9_SIN		0.00	-123.80	-49.91	-272.22	-31.46	7.26	-0.78	22.26	3.08	1.93	5.97	-1.21	0.43	0.49	0.63	-1.77
MRFBM1TOR26P5_COS		-116.06	79.54	4.45	0.35	-5.92	1.08	-0.14	0.21	0.00	0.31	-0.34	0.16	0.24	0.05	0.12	0.30
MRFBM1TOR26P5_SIN		0.00	-256.72	0.73	2.17	0.81	-0.65	-1.43	-0.33	0.36	0.00	0.72	-0.04	-0.14	-0.10	-0.08	0.02

RUN	POINT	Harmonics															
57	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		290.31	-1470.15	513.78	-25.98	-94.65	-80.54	-86.26	-27.67	6.07	-6.46	-31.64	49.03	-10.98	-8.19	13.33	-1.84
MRPC1CB33P25_SIN		0.00	1300.26	-52.67	115.77	164.23	-194.86	-18.64	-81.57	-15.25	-16.30	-81.99	9.62	6.83	0.14	-14.29	23.21
MRPC1FB33P25_COS		1726.72	391.87	-28.86	240.77	396.22	-144.81	-37.65	-151.81	-16.05	-56.04	-10.79	25.81	-8.54	8.30	51.04	2.95
MRPC1FB33P25_SIN		0.00	-46.88	130.45	825.25	83.15	-0.17	14.27	-345.89	-65.46	-46.68	-191.87	32.54	1.81	-13.89	-42.41	53.75
MRPC1TOR25P5_COS		-401.78	-78.39	-169.69	-137.78	182.36	-29.42	-2.11	24.92	8.97	-0.99	9.65	8.12	-5.38	-0.43	-12.04	-16.23
MRPC1TOR25P5_SIN		0.00	-102.82	-35.76	-280.67	-98.39	69.38	5.65	41.56	-17.90	-8.16	-36.73	14.67	10.04	11.51	10.07	-5.10
MRPLK1LOAD_COS		-4.11	-13.81	-21.93	-20.06	24.36	-3.37	-2.23	3.79	1.89	-0.82	2.82	0.23	-1.77	-0.17	-2.44	-3.89
MRPLK1LOAD_SIN		0.00	-8.00	-5.44	-41.92	-12.97	9.76	1.84	6.36	-2.89	-0.94	-5.86	1.30	1.67	1.99	1.90	-0.75
PITCHRH_COS		4108.41	-8792.23	877.63	-77.08	-37.34	218.02	79.37	-89.34	86.89	-7.03	-86.27	160.19	8.80	-72.04	-42.68	53.41
PITCHRH_SIN		0.00	1786.96	-376.54	-159.45	104.40	-4857.85	-152.44	-28.88	46.88	16.42	76.16	-66.70	59.71	-81.80	43.60	139.48
ROLLRH_COS		4365.44	-1845.11	307.47	7.27	-80.90	1431.15	48.12	-116.46	-50.60	-12.92	238.44	94.37	-85.41	-186.72	-11.31	450.81
ROLLRH_SIN		0.00	-8770.44	721.53	-41.13	260.39	3244.20	-183.43	-90.47	172.61	-91.35	-10.45	133.64	-41.50	-1.37	137.55	263.09
TORQ_COS		103566.05	404.50	40.22	172.85	95.44	-119.69	-4.59	-28.98	8.44	-0.46	18.31	-2.72	-1.24	-3.91	-8.65	7.73
TORQ_SIN		0.00	860.25	-64.52	-146.46	-95.54	530.03	4.32	64.39	1.37	-4.15	91.03	6.72	-3.43	8.19	-5.65	-1.38
THRUST_COS		5487.11	-104.36	22.78	-0.64	-5.66	37.86	1.23	1.21	2.52	0.23	83.20	3.38	-8.87	4.31	8.55	-22.04
THRUST_SIN		0.00	-88.82	1.85	-35.29	20.93	38.88	11.72	26.16	-2.51	5.17	15.83	-2.85	10.65	-2.93	11.44	-16.06

RUN	POINT	Harmonics															
57	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.73	56.62	-15.16	-1.72	-1.48	-343.21	-2.41	3.52	-0.89	0.77	-16.85	-2.30	0.69	5.21	0.34	-13.07
SIDERH_SIN		0.00	228.33	-15.26	-8.32	-62.56	-222.09	-0.91	-2.82	-4.81	4.73	-1.82	-6.78	1.15	0.51	-4.14	-6.63
DRAGRH_COS		-118.23	233.07	-1.12	0.16	7.68	824.99	-5.45	-6.12	7.47	-0.96	-4.99	-10.16	0.24	2.39	3.55	-4.59
DRAGRH_SIN		0.00	-52.35	27.38	1.55	-0.68	248.51	30.50	4.86	-1.36	2.26	14.01	2.15	-0.52	2.46	-0.60	-6.38

RUN	POINT	Harmonics															
57	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.02	-1.42	-0.04	0.00	0.00	0.01	-0.05	0.02	-0.01	0.00	0.00	0.01	0.01	-0.01
FLAP1C_SIN		0.00	-0.01	0.01	-0.43	-0.49	0.00	0.00	0.03	0.03	0.04	0.03	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.60	-1.34	-11.01	-5.36	9.63	-1.21	-1.29	0.70	-1.01	-0.04	-0.50	0.19	-0.24	0.47	0.31	-0.27
ACT1FORCE_SIN		0.00	20.40	5.44	-14.94	-3.04	4.79	-1.50	0.08	0.54	1.16	0.24	0.10	0.44	-0.02	0.24	0.12
FA1IBCURRENT_COS		-0.01	-0.02	-0.01	0.01	-0.04	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		383.73	-4.20	72.43	-253.99	-94.40	2.12	7.25	0.27	0.30	-0.22	-0.38	-0.13	-0.01	0.02	0.03	0.01
FA1IBVOLTAGE_SIN		0.00	-119.32	-59.52	83.38	-54.81	-32.55	14.45	-0.48	-0.14	0.25	-0.14	-0.24	0.00	0.12	-0.04	0.05
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.10	-0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		422.24	4.47	-73.06	254.25	95.55	-1.77	-7.80	0.13	0.08	0.05	0.35	0.20	0.01	-0.08	-0.02	0.05
FA1OBVOLTAGE_SIN		0.00	119.91	59.86	-84.66	54.70	33.30	-15.03	-0.19	0.21	-0.11	0.02	0.19	0.07	-0.14	-0.05	-0.06
MRBLD1CB42P75_COS		-871.57	-1910.87	700.46	-190.63	-322.91	-36.63	-32.67	-0.38	-43.78	56.89	-38.54	49.81	-14.30	-10.77	12.58	3.51
MRBLD1CB42P75_SIN		0.00	1611.12	-6.34	107.26	517.77	-295.01	-11.78	-52.53	10.83	3.61	-74.13	33.24	14.53	3.69	-8.84	28.13

RUN	POINT	Harmonics															
57	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4520.42	-1452.88	570.81	-380.94	-396.65	-45.87	101.91	-2.64	-52.34	66.86	-43.10	35.94	-4.69	-2.80	11.38	14.53
MRBLD1CB70_SIN		0.00	1203.63	-15.39	46.06	999.32	-127.02	250.07	3.84	14.81	3.13	12.98	11.41	14.61	-2.63	-14.64	26.80
MRBLD1CB120_COS		-201.33	-836.61	442.77	-289.16	-146.32	-66.83	164.68	-26.01	39.25	-45.09	2.81	-25.47	6.82	7.46	7.79	-4.64
MRBLD1CB120_SIN		0.00	809.65	-19.34	102.74	993.57	117.70	492.77	-39.06	-36.51	-2.85	32.85	-13.79	2.69	-2.46	1.30	1.39
MRBLD1CB164_COS		-1999.37	-271.23	100.30	-138.00	13.38	-64.12	45.03	-4.73	49.02	-66.53	25.07	-21.70	4.41	-1.03	-10.15	-8.55
MRBLD1CB164_SIN		0.00	279.73	19.25	53.90	384.25	137.62	256.94	-15.57	-36.50	-14.57	-18.36	4.05	-1.38	6.89	9.59	-13.92
MRBLD1FB42P75_COS		2507.87	450.36	54.01	231.52	713.85	-149.09	-22.43	-299.40	-9.58	-77.77	-151.79	37.68	-2.06	-5.98	6.61	45.92
MRBLD1FB42P75_SIN		0.00	-346.08	84.96	1061.60	-137.35	-25.87	38.28	-278.24	-54.32	26.13	-167.60	17.59	13.78	-14.76	-61.05	22.93
MRBLD1FB70_COS		595.37	101.56	8.47	3.53	205.11	-41.56	-2.82	-35.06	4.72	5.94	0.32	1.17	2.56	1.33	-0.96	-6.97
MRBLD1FB70_SIN		0.00	-241.48	67.72	271.75	-3.31	-21.74	15.46	-41.03	2.59	7.17	7.35	-0.75	0.85	4.06	10.93	-5.33
MRBLD1FB87_COS		63.98	116.14	-60.91	-37.51	99.78	-20.96	-10.59	24.96	4.28	15.55	35.48	-9.88	2.24	2.47	-0.35	-9.89
MRBLD1FB87_SIN		0.00	-282.76	66.74	127.43	-20.91	11.64	1.41	23.88	4.02	-1.51	38.69	-2.83	-2.01	4.68	15.43	-1.98
MRBLD1FB120_COS		-289.73	141.81	-175.95	-95.32	-4.40	1.37	-34.85	44.15	-15.40	-16.20	-15.40	-0.53	-7.42	-4.70	0.34	13.81
MRBLD1FB120_SIN		0.00	-373.60	73.03	169.40	-28.36	75.73	-8.24	62.62	3.92	-12.74	-21.86	-0.19	-4.30	-10.95	-23.95	1.54
MRBLD1FB164_COS		64.10	83.80	-73.74	137.20	-313.33	55.90	52.62	-49.28	15.56	17.87	22.66	-6.93	4.12	2.79	-4.84	-11.90
MRBLD1FB164_SIN		0.00	-452.62	-55.72	412.66	200.78	8.55	-34.61	-101.05	2.44	14.03	33.37	-3.65	-3.18	6.07	14.49	-2.57

RUN	POINT	Harmonics															
57	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-2.00	-44.64	-6.38	152.12	-200.33	41.95	42.95	-50.22	19.08	18.08	65.36	-25.75	-17.10	-10.36	1.16	17.06
MRBLD1FB180_SIN		0.00	-312.89	-46.27	234.51	157.35	-13.74	-10.67	-101.39	9.47	12.51	69.72	-10.06	-12.26	-16.19	-29.21	2.83
MRBLD1TOR51_COS		-1494.21	137.53	158.40	186.52	-205.59	60.65	-26.24	-20.14	-9.88	2.53	4.75	-2.03	-2.02	-1.37	10.93	3.17
MRBLD1TOR51_SIN		0.00	-127.89	-12.39	337.64	122.70	-88.03	14.56	-43.43	15.36	2.75	18.30	-6.25	-1.64	-7.67	-6.70	9.51
MRBLD1TOR71_COS		-311.57	163.46	110.09	193.53	-193.43	63.41	-19.36	-12.74	-7.89	1.70	10.09	-6.11	-2.21	-0.92	6.27	0.08
MRBLD1TOR71_SIN		0.00	-125.35	-18.25	263.16	91.38	-71.80	10.86	-22.50	13.72	3.03	22.13	-6.90	-1.77	-5.50	-2.06	5.62
MRBLD1TOR130_COS		-46.46	136.47	108.77	209.95	-192.33	46.59	-9.11	-14.39	0.43	-3.48	13.89	-2.63	-3.91	-1.42	-5.77	-4.10
MRBLD1TOR130_SIN		0.00	-97.23	-56.08	213.19	102.18	-66.51	11.18	-24.87	4.76	1.12	-8.76	4.45	2.48	1.80	4.39	-3.35
MRBLD1TOR164_COS		-267.58	66.69	83.59	149.36	-60.61	11.02	-8.75	-11.61	0.85	2.00	12.04	-5.44	-2.10	1.32	-4.82	-1.94
MRBLD1TOR164_SIN		0.00	-38.89	-37.64	71.01	69.74	-47.16	9.33	-4.64	0.29	-2.72	3.23	-0.83	-3.94	0.40	0.83	-4.21
MRFBM1CB26P5_COS		-1005.82	-1198.00	316.96	60.41	-122.16	30.31	-25.58	1.45	3.10	-4.60	2.92	1.09	-1.08	0.10	3.38	-3.41
MRFBM1CB26P5_SIN		0.00	706.71	88.11	-17.76	-144.24	-72.65	-71.59	-19.63	-1.88	-0.17	-29.42	3.35	-1.18	-0.35	-0.81	0.81
MRFBM1FB9_COS		546.03	59.27	-232.18	66.43	-55.91	22.69	23.49	2.18	0.87	0.52	-1.01	0.11	0.92	0.03	-2.07	1.09
MRFBM1FB9_SIN		0.00	-201.50	2.31	-283.48	-32.18	13.14	0.41	20.99	2.22	0.34	6.23	-1.23	0.20	0.55	0.23	-1.86
MRFBM1TOR26P5_COS		-114.61	79.31	4.59	0.47	-8.42	1.52	-0.06	0.41	-0.04	0.39	-0.58	0.32	0.21	0.04	0.15	0.24
MRFBM1TOR26P5_SIN		0.00	-257.18	0.17	2.66	0.54	-1.44	-1.54	-0.29	0.46	0.09	0.63	-0.05	0.00	0.00	-0.15	0.09

RUN	POINT	Harmonics															
57	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		337.49	-1354.47	540.56	-24.35	-90.22	-64.32	-99.50	-12.86	2.27	6.38	-27.89	39.91	-9.91	-7.83	14.35	3.95
MRPC1CB33P25_SIN		0.00	1393.44	-57.22	116.10	165.48	-229.51	-33.83	-66.47	-15.50	-13.66	-84.76	16.18	6.55	2.18	-5.77	24.06
MRPC1FB33P25_COS		1721.03	373.69	-40.07	22.36	625.04	-115.87	-22.43	-122.50	19.20	-63.59	-7.41	17.74	-9.91	8.70	53.68	2.87
MRPC1FB33P25_SIN		0.00	-81.81	61.31	898.48	69.17	-61.99	25.07	-347.58	-58.04	-27.39	-211.59	38.92	5.36	-13.74	-29.27	53.81
MRPC1TOR25P5_COS		-402.93	-68.96	-190.78	-186.80	241.16	-66.54	28.04	15.53	11.02	-2.51	11.27	0.65	-4.02	1.59	-14.30	-10.49
MRPC1TOR25P5_SIN		0.00	-109.09	12.35	-344.38	-103.15	88.07	-10.46	35.83	-23.25	-9.08	-37.25	15.42	4.52	8.95	12.88	-9.21
MRPLK1LOAD_COS		-4.37	-12.72	-24.50	-26.24	32.87	-8.66	1.21	2.24	2.15	-1.25	4.04	-1.32	-1.51	0.16	-3.09	-2.69
MRPLK1LOAD_SIN		0.00	-8.48	0.95	-50.78	-13.10	13.19	-0.48	5.57	-3.81	-1.44	-5.46	1.52	0.18	1.28	2.59	-1.54
PITCHRH_COS		4658.23	-8776.85	915.60	-129.61	26.67	933.70	104.86	-47.89	47.07	-59.21	-15.32	268.19	54.86	-105.39	-141.68	222.17
PITCHRH_SIN		0.00	1814.00	-435.89	-198.20	73.23	-7468.80	-145.77	10.53	98.04	-30.72	-83.18	-143.93	14.17	-43.48	-93.96	90.79
ROLLRH_COS		5695.75	-1844.62	302.46	-37.16	-149.04	2076.73	75.47	-69.26	-128.87	-5.12	169.31	181.93	-40.43	-331.56	163.82	280.42
ROLLRH_SIN		0.00	-8745.14	733.17	-117.93	259.72	4582.37	-180.65	-4.43	238.48	-98.26	63.02	85.38	32.02	0.72	301.88	502.08
TORQ_COS		104683.35	440.07	30.40	166.41	86.80	-188.30	-4.23	-39.51	16.26	1.73	15.82	-2.76	-0.75	-0.92	-5.32	3.80
TORQ_SIN		0.00	863.77	-70.96	-161.13	-67.88	648.04	-1.95	58.00	3.43	-3.80	102.00	8.49	0.00	4.89	-5.37	-1.76
THRUST_COS		5493.51	-105.92	27.95	-7.90	-8.42	22.49	-2.04	-4.33	4.74	5.75	108.26	9.70	-3.60	-9.10	3.64	-20.49
THRUST_SIN		0.00	-86.61	-4.08	-31.61	21.51	102.47	12.24	21.33	-6.03	-0.14	26.35	-3.69	7.60	1.44	9.88	-27.26

RUN	POINT	Harmonics															
57	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-127.83	51.30	-14.58	-7.15	-0.37	-454.37	-3.17	3.52	-0.29	-0.12	-18.40	-4.55	0.77	9.21	-4.51	-8.00
SIDERH_SIN		0.00	226.56	-18.80	-6.21	-69.04	-320.24	-1.69	-5.49	-6.41	5.38	-6.17	-7.69	-0.65	0.28	-9.29	-13.22
DRAGRH_COS		-112.37	231.46	0.35	1.57	-0.38	1079.80	-9.04	-5.82	4.79	-0.22	-16.29	-16.61	-2.10	4.28	8.29	-14.49
DRAGRH_SIN		0.00	-50.77	31.03	1.11	7.49	556.10	32.51	1.79	-2.42	5.88	26.76	5.00	1.32	3.09	5.09	-5.09

RUN	POINT	Harmonics															
57	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	-1.41	-0.04	0.00	0.00	0.01	-0.05	0.00	-0.02	-0.01	0.01	0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.00	-0.45	-0.74	0.00	0.00	0.03	0.03	0.03	0.04	0.01	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.04	-1.67	-11.86	-5.38	12.26	-1.08	-1.85	0.74	-0.69	-0.53	-0.64	-0.26	-0.08	0.29	0.21	-0.15
ACT1FORCE_SIN		0.00	20.99	5.45	-16.05	-3.78	5.87	-1.67	-0.06	0.60	0.88	0.33	0.01	0.36	-0.06	0.57	0.15
FA1IBCURRENT_COS		0.00	-0.02	-0.01	0.01	-0.06	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.10	0.05	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		391.08	-0.87	72.90	-245.60	-121.91	-2.56	12.48	0.57	0.32	-0.23	-0.26	-0.01	-0.05	0.01	-0.06	0.12
FA1IBVOLTAGE_SIN		0.00	-119.19	-65.02	87.56	-92.96	-36.61	16.82	-0.59	0.05	0.15	-0.35	-0.23	0.01	0.01	0.03	0.02
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.05	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.10	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		415.00	1.13	-73.81	245.93	123.28	2.82	-13.14	0.18	0.29	-0.01	0.21	0.14	0.04	-0.07	0.08	-0.10
FA1OBVOLTAGE_SIN		0.00	119.98	65.27	-88.73	93.15	37.63	-17.43	-0.33	0.15	0.07	0.16	0.21	0.07	-0.06	-0.09	-0.03
MRBLD1CB42P75_COS		-714.10	-1699.06	788.81	-233.72	-390.56	-32.25	-7.88	-21.37	-78.97	86.14	-44.86	57.42	-12.13	-12.20	14.72	6.94
MRBLD1CB42P75_SIN		0.00	1694.91	5.53	111.31	576.50	-363.44	1.16	-34.97	13.59	-1.87	-73.39	29.64	10.71	6.12	-13.78	26.37

RUN	POINT	Harmonics															
57	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4616.33	-1340.47	629.28	-436.67	-517.47	-41.34	141.29	-15.90	-91.92	95.33	-55.70	39.06	4.50	-5.48	16.67	9.15
MRBLD1CB70_SIN		0.00	1290.20	-4.25	26.62	1155.89	-175.77	301.05	23.66	18.18	-1.13	22.41	4.67	11.84	-0.29	-22.70	23.12
MRBLD1CB120_COS		-161.28	-813.35	479.12	-342.94	-232.50	-69.57	196.95	-25.63	48.54	-73.49	0.17	-28.05	8.91	5.34	9.25	-7.67
MRBLD1CB120_SIN		0.00	868.83	-10.74	96.53	1141.14	115.94	578.88	-27.91	-44.06	2.34	31.15	-13.10	5.75	-2.54	2.79	0.06
MRBLD1CB164_COS		-2000.20	-270.70	107.73	-162.76	-1.09	-68.65	49.02	4.73	73.26	-100.95	31.08	-23.44	-1.07	0.35	-15.54	-2.21
MRBLD1CB164_SIN		0.00	292.43	26.05	51.87	438.53	161.22	299.09	-17.09	-41.38	-12.05	-28.53	10.70	0.51	6.04	12.75	-9.29
MRBLD1FB42P75_COS		2534.59	401.54	87.26	118.52	832.77	-178.14	12.08	-321.98	8.85	-102.87	-162.92	47.36	-8.20	-11.11	6.69	43.23
MRBLD1FB42P75_SIN		0.00	-374.83	71.15	1175.62	-277.51	-88.20	34.89	-252.27	-70.98	49.06	-188.55	17.82	24.48	-14.88	-62.24	18.46
MRBLD1FB70_COS		606.86	110.49	21.96	-39.85	241.85	-49.43	5.04	-38.81	5.07	6.19	-0.07	0.38	2.84	2.69	-0.95	-6.10
MRBLD1FB70_SIN		0.00	-250.13	70.95	299.99	-34.16	-38.08	16.23	-36.14	1.69	6.65	6.94	-2.36	-0.41	2.72	10.27	-5.41
MRBLD1FB87_COS		63.35	123.43	-56.80	-61.92	122.73	-23.37	-13.62	27.39	2.47	19.60	38.09	-12.34	3.73	3.48	-0.69	-9.87
MRBLD1FB87_SIN		0.00	-293.34	70.89	135.79	-35.13	13.15	1.21	21.89	5.51	-4.24	43.65	-1.78	-3.49	5.49	16.97	0.14
MRBLD1FB120_COS		-294.73	145.97	-184.04	-117.28	3.81	7.06	-46.69	49.25	-17.13	-15.77	-15.05	1.38	-8.62	-6.16	1.18	13.75
MRBLD1FB120_SIN		0.00	-382.65	71.96	164.11	-30.06	97.09	-10.08	56.09	5.46	-13.90	-23.75	-0.31	-2.49	-11.35	-25.36	-0.74
MRBLD1FB164_COS		80.32	80.28	-69.46	123.75	-383.85	56.65	60.10	-53.38	18.69	19.16	24.32	-9.99	6.49	3.98	-5.37	-12.34
MRBLD1FB164_SIN		0.00	-457.38	-70.99	424.72	260.41	22.18	-42.65	-95.96	1.00	14.02	36.61	-4.12	-5.32	7.54	15.75	-1.19

RUN	POINT	Harmonics															
57	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		12.89	-51.17	1.28	149.46	-246.82	37.86	52.00	-55.23	21.40	22.55	70.56	-29.21	-16.01	-12.00	1.86	16.49
MRBLD1FB180_SIN		0.00	-316.77	-55.57	243.37	203.10	-10.99	-15.37	-99.68	8.48	8.63	77.03	-8.97	-13.82	-16.39	-30.46	0.30
MRBLD1TOR51_COS		-1487.71	146.85	183.46	169.02	-251.21	82.42	-43.77	-17.15	-6.12	-0.31	5.26	-3.36	-1.29	-1.72	12.47	4.93
MRBLD1TOR51_SIN		0.00	-132.06	-11.22	373.42	139.49	-133.70	33.69	-31.51	21.29	2.08	20.52	-7.08	-1.84	-8.50	-7.85	7.57
MRBLD1TOR71_COS		-310.02	170.43	129.39	184.65	-236.31	83.43	-38.55	-8.17	-4.37	-1.69	10.94	-8.42	-0.22	-1.91	7.03	1.32
MRBLD1TOR71_SIN		0.00	-131.31	-17.29	293.10	107.62	-108.90	27.42	-11.71	18.80	2.19	24.55	-5.41	-3.06	-5.42	-2.32	5.56
MRBLD1TOR130_COS		-44.56	141.76	124.74	212.06	-235.99	60.87	-23.70	-12.69	4.02	-8.24	15.20	-3.50	-2.20	-2.53	-6.53	-4.13
MRBLD1TOR130_SIN		0.00	-101.42	-57.24	238.95	124.08	-96.47	24.63	-15.15	7.49	0.89	-9.86	9.21	0.28	2.73	4.98	-1.43
MRBLD1TOR164_COS		-270.88	71.09	92.69	155.69	-74.09	16.67	-15.29	-11.83	1.71	1.90	13.03	-6.55	-0.95	0.98	-5.92	-2.82
MRBLD1TOR164_SIN		0.00	-40.80	-35.46	84.62	82.57	-67.54	16.67	1.19	0.94	-2.71	4.15	2.56	-5.75	1.24	1.79	-3.34
MRFBM1CB26P5_COS		-843.84	-1087.57	356.00	62.13	-136.05	37.48	-27.98	-1.25	5.66	-5.62	5.35	1.94	-3.35	-0.16	2.42	-1.63
MRFBM1CB26P5_SIN		0.00	790.05	103.60	-11.96	-176.75	-85.29	-80.79	-20.64	-2.26	1.09	-32.97	5.20	-1.09	-0.79	0.05	1.73
MRFBM1FB9_COS		645.56	-94.66	-268.52	105.22	-69.54	21.33	24.15	4.21	0.37	0.34	-1.12	-0.22	1.35	-0.14	-2.16	0.99
MRFBM1FB9_SIN		0.00	-198.18	5.43	-303.07	-22.61	20.86	-1.51	20.45	2.35	0.10	6.55	-1.43	0.24	0.68	0.18	-1.79
MRFBM1TOR26P5_COS		-107.22	84.90	4.94	0.11	-10.10	1.51	0.21	0.46	-0.05	0.61	-0.63	0.38	0.09	0.11	0.15	0.25
MRFBM1TOR26P5_SIN		0.00	-257.52	0.35	3.14	1.25	-2.57	-1.72	-0.35	0.46	0.10	0.71	-0.34	0.13	-0.05	-0.17	-0.02

RUN	POINT	Harmonics															
57	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		443.61	-1161.12	616.99	-40.05	-91.57	-69.98	-92.63	-27.64	-11.63	11.72	-29.44	45.48	-9.71	-8.77	18.68	5.74
MRPC1CB33P25_SIN		0.00	1410.37	-60.52	137.39	160.79	-273.76	-28.22	-52.97	-16.66	-19.98	-89.08	13.89	5.56	5.41	-8.76	20.24
MRPC1FB33P25_COS		1740.48	328.84	-9.99	-89.84	751.08	-123.66	10.46	-149.95	39.69	-93.16	-3.22	24.89	-20.35	3.41	54.73	3.33
MRPC1FB33P25_SIN		0.00	-108.32	50.77	973.40	-15.48	-120.53	34.14	-337.05	-62.10	-22.96	-232.78	47.13	8.72	-16.97	-28.39	49.60
MRPC1TOR25P5_COS		-394.18	-67.68	-215.96	-173.30	294.63	-90.22	46.25	9.95	6.43	-1.91	12.13	0.74	-3.70	-0.60	-17.28	-12.10
MRPC1TOR25P5_SIN		0.00	-105.42	11.15	-381.53	-120.30	136.71	-29.99	24.44	-29.24	-8.62	-40.70	22.98	2.02	11.58	14.87	-3.69
MRPLK1LOAD_COS		-3.24	-12.56	-27.88	-24.22	40.64	-11.67	2.95	1.59	1.48	-1.67	4.27	-1.55	-0.90	-0.35	-3.58	-2.71
MRPLK1LOAD_SIN		0.00	-7.62	0.93	-56.30	-15.44	20.79	-3.04	4.21	-4.55	-1.62	-5.99	3.63	-0.80	1.92	2.95	-0.27
PITCHRH_COS		6971.73	-8712.61	884.23	-29.84	68.22	600.06	129.87	-65.47	166.06	-74.42	51.29	319.11	25.05	-177.83	-252.58	316.52
PITCHRH_SIN		0.00	1817.10	-464.21	-161.05	-100.80	-9574.32	-144.32	152.60	194.46	56.02	-171.80	-248.30	25.84	-43.93	-44.15	-240.93
ROLLRH_COS		5622.14	-1870.68	283.61	-43.04	-179.42	3027.52	0.45	-22.41	9.22	-33.51	275.81	220.88	-77.64	-436.49	220.35	26.09
ROLLRH_SIN		0.00	-8747.90	715.40	-96.14	130.18	5059.31	-240.80	-1.21	198.11	-119.75	78.93	9.70	116.37	216.97	207.00	730.00
TORQ_COS		108402.31	439.65	24.11	188.07	125.74	-196.19	-7.30	-26.17	20.21	4.98	5.58	-7.59	3.68	-0.34	-3.24	-0.02
TORQ_SIN		0.00	828.37	-88.28	-168.82	-18.88	787.13	-19.42	59.98	2.95	-2.05	110.88	7.36	-2.62	3.29	-5.38	-4.02
THRUST_COS		5724.22	-106.97	27.95	-6.56	-15.28	39.70	-1.84	0.02	5.59	9.00	90.43	11.06	-0.70	-12.65	1.54	1.05
THRUST_SIN		0.00	-83.61	-4.49	-36.51	18.55	179.81	8.42	11.28	-7.02	-1.43	21.63	0.65	3.36	4.06	6.85	-12.36

RUN	POINT	Harmonics															
57	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.70	55.97	-14.79	-6.67	3.10	-545.78	-1.61	3.53	-3.93	0.45	-25.58	-4.91	2.22	11.91	-6.53	0.38
SIDERH_SIN		0.00	225.47	-19.07	-4.56	-54.25	-335.97	-1.37	-7.18	-2.87	6.60	-5.73	-6.36	-2.73	-6.31	-6.66	-20.96
DRAGRH_COS		-90.78	231.62	0.15	-2.76	-4.95	1297.90	-8.81	-4.95	1.07	-2.12	-24.25	-19.35	-0.01	8.51	13.56	-19.00
DRAGRH_SIN		0.00	-50.50	33.17	2.09	21.47	712.00	32.06	-6.25	-3.01	3.14	33.69	8.55	-1.10	5.05	1.77	13.88

RUN	POINT	Harmonics															
57	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.02	-0.47	-0.05	0.00	0.00	0.02	-0.04	-0.01	-0.01	-0.02	0.00	-0.03	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.16	-0.98	0.00	0.01	0.05	0.01	0.01	-0.01	-0.01	-0.04	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.02	0.11	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.79	-0.60	-12.23	-4.52	13.50	0.05	-2.59	0.54	-0.63	-0.58	-0.21	-0.36	0.46	-0.84	0.04	-0.07
ACT1FORCE_SIN		0.00	20.42	2.53	-9.47	-2.73	3.92	-0.99	0.87	0.15	0.15	-0.62	-0.58	-0.91	-0.19	0.61	0.51
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.09	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.03	0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		392.30	-8.95	71.53	-59.01	-152.65	-9.30	24.19	0.22	0.44	0.02	-0.08	0.05	0.41	0.06	-0.13	-0.07
FA1IBVOLTAGE_SIN		0.00	-120.02	-29.46	52.89	-171.15	-17.68	9.10	-0.49	0.13	0.18	0.01	-0.23	-0.05	-0.13	0.15	-0.08
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.09	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.03	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		413.62	9.23	-72.04	58.81	153.93	9.67	-24.70	-0.04	0.25	-0.03	-0.08	0.01	-0.35	-0.08	0.10	0.12
FA1OBVOLTAGE_SIN		0.00	120.51	29.82	-53.64	170.98	18.38	-8.89	-0.04	0.05	-0.01	-0.02	0.20	0.09	0.16	-0.17	0.03
MRBLD1CB42P75_COS		-784.20	-1319.71	753.27	-187.08	-223.64	-83.48	-28.15	-9.53	-41.24	36.17	-25.49	56.28	-12.55	-1.48	7.98	3.89
MRBLD1CB42P75_SIN		0.00	1957.66	-39.64	164.27	582.74	-311.07	14.19	-63.30	49.55	-23.47	-98.59	14.44	26.23	2.44	-5.63	23.18

RUN	POINT	Harmonics															
57	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4565.65	-1085.40	590.73	-380.95	-197.43	-73.03	143.09	-10.09	-51.01	48.35	-40.45	35.92	-2.33	-1.38	2.56	14.69
MRBLD1CB70_SIN		0.00	1453.85	-80.22	141.75	1106.33	-161.65	261.82	-7.24	51.59	-19.49	2.61	-6.53	18.73	-3.29	-14.32	18.91
MRBLD1CB120_COS		-164.16	-704.60	446.19	-264.61	31.28	-65.68	251.24	-12.73	13.19	-43.08	2.25	-30.65	6.89	3.59	4.22	-5.04
MRBLD1CB120_SIN		0.00	918.34	-74.57	181.05	1062.60	91.27	476.78	-25.41	-51.37	14.71	34.54	-5.94	-5.47	-0.57	-0.99	3.97
MRBLD1CB164_COS		-1991.09	-246.52	102.26	-84.03	76.47	-47.58	89.57	4.07	30.00	-58.87	29.41	-23.77	4.48	0.31	-2.57	-8.83
MRBLD1CB164_SIN		0.00	309.37	-4.69	98.88	398.59	131.85	252.96	-4.30	-63.05	5.70	-16.12	17.64	-3.65	9.18	10.64	-9.09
MRBLD1FB42P75_COS		2559.38	312.88	102.32	518.38	551.71	-217.05	-30.28	-264.82	-39.86	-97.68	-153.70	63.61	-4.11	-7.81	1.75	46.77
MRBLD1FB42P75_SIN		0.00	-409.13	214.93	1015.61	-257.51	-20.21	0.44	-238.63	-64.88	17.38	-223.63	8.41	18.42	-21.60	-42.55	15.90
MRBLD1FB70_COS		607.01	110.01	26.86	99.03	168.76	-58.40	-1.70	-29.74	3.54	3.52	0.53	-0.27	2.44	2.09	0.25	-7.12
MRBLD1FB70_SIN		0.00	-250.24	116.92	268.87	-36.90	-20.81	9.14	-36.17	2.31	5.34	5.98	-0.96	-0.55	4.13	6.53	-5.11
MRBLD1FB87_COS		59.99	121.87	-49.73	25.27	80.55	-21.00	-9.67	22.36	7.98	20.27	35.82	-14.60	2.55	2.77	0.44	-9.81
MRBLD1FB87_SIN		0.00	-298.94	100.68	130.15	-34.49	12.71	3.99	19.63	4.74	0.92	51.66	0.49	-2.65	7.42	12.19	0.37
MRBLD1FB120_COS		-305.22	146.32	-164.70	-12.63	-7.68	19.39	-34.47	34.42	-11.87	-13.95	-14.62	2.60	-8.42	-5.57	-0.92	13.60
MRBLD1FB120_SIN		0.00	-399.33	106.50	174.76	-12.08	74.94	4.84	54.88	3.78	-12.01	-22.90	-2.29	-2.34	-13.39	-18.90	0.05
MRBLD1FB164_COS		71.18	94.64	-57.41	119.84	-241.05	60.01	51.71	-35.24	15.20	18.10	23.44	-11.26	4.56	3.36	-4.08	-12.06
MRBLD1FB164_SIN		0.00	-486.85	59.08	371.54	281.40	12.18	-46.81	-92.08	1.39	14.42	39.62	-1.27	-4.62	8.27	11.90	-0.83

RUN	POINT	Harmonics															
57	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		11.75	-45.81	9.85	93.91	-147.64	33.96	43.51	-39.60	21.40	27.65	64.83	-33.94	-19.06	-12.23	-0.70	18.47
MRBLD1FB180_SIN		0.00	-338.38	37.43	205.46	209.80	-10.22	-24.48	-93.47	4.78	17.88	96.14	-2.86	-13.52	-16.38	-24.32	0.28
MRBLD1TOR51_COS		-1482.73	169.93	138.56	104.41	-175.10	28.05	-21.25	-15.50	-6.33	-4.78	2.95	-9.00	0.09	-2.31	10.02	9.11
MRBLD1TOR51_SIN		0.00	-124.05	69.90	266.34	155.70	-132.36	12.28	-33.48	13.21	1.81	15.33	-7.12	-8.74	-6.27	-8.57	8.08
MRBLD1TOR71_COS		-306.46	186.63	89.53	105.50	-164.81	35.63	-14.75	-8.07	-4.55	-4.07	5.91	-13.90	-0.81	-2.31	5.84	3.40
MRBLD1TOR71_SIN		0.00	-127.24	57.02	192.30	121.55	-110.96	9.44	-15.69	12.24	4.90	20.61	-6.63	-6.36	-3.36	-3.50	6.82
MRBLD1TOR130_COS		-41.66	159.07	87.21	108.04	-160.67	21.09	-3.68	-9.27	2.23	-7.60	12.94	-5.07	-4.75	-1.42	-5.52	-7.13
MRBLD1TOR130_SIN		0.00	-94.83	10.43	143.73	131.65	-96.91	7.51	-20.21	3.29	2.17	-14.33	6.46	5.06	3.18	5.15	-0.74
MRBLD1TOR164_COS		-268.76	83.14	66.68	67.65	-47.78	-7.13	-4.64	-8.73	3.22	2.09	8.74	-5.93	-4.86	2.01	-5.53	-6.17
MRBLD1TOR164_SIN		0.00	-29.75	-7.85	25.36	75.18	-65.16	5.95	-4.45	-0.14	0.51	2.99	1.57	1.37	0.30	2.59	-3.62
MRFBM1CB26P5_COS		-915.12	-878.13	337.91	19.88	-144.34	23.33	-36.57	2.29	3.91	-3.63	6.92	3.06	-1.71	0.81	2.74	-3.15
MRFBM1CB26P5_SIN		0.00	975.52	98.42	-46.54	-124.76	-76.94	-71.64	-20.36	-1.64	-1.40	-32.69	5.58	-0.44	-0.90	-0.32	2.59
MRFBM1FB9_COS		688.24	-264.40	-246.24	-6.14	-46.36	27.80	21.43	2.48	1.29	0.64	-2.86	-0.53	1.05	-0.38	-1.40	0.59
MRFBM1FB9_SIN		0.00	-223.12	-78.07	-302.87	-14.56	15.56	-1.35	18.44	2.67	2.04	6.90	-1.62	0.06	0.60	0.26	-1.86
MRFBM1TOR26P5_COS		-107.54	78.42	4.10	-0.05	-7.52	1.28	-0.39	0.34	-0.09	0.42	-0.44	0.41	0.25	0.05	0.17	0.35
MRFBM1TOR26P5_SIN		0.00	-256.87	1.27	2.25	2.14	-2.04	-1.43	-0.21	0.39	-0.15	0.79	-0.15	-0.22	-0.07	-0.18	-0.07

RUN	POINT	Harmonics															
57	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		431.48	-865.96	611.10	-5.43	-68.46	-99.20	-93.00	-18.25	-7.44	-11.11	-16.35	43.14	-10.14	0.72	12.59	2.62
MRPC1CB33P25_SIN		0.00	1603.78	-85.24	146.98	176.73	-222.91	-3.90	-70.38	-0.81	-21.38	-111.53	4.52	14.80	0.25	-4.06	20.36
MRPC1FB33P25_COS		1760.49	257.00	-12.47	271.43	518.48	-171.75	-14.97	-112.60	-0.09	-74.05	23.63	42.44	-14.45	11.75	33.77	7.81
MRPC1FB33P25_SIN		0.00	-142.18	166.63	911.99	-62.47	-75.24	-8.56	-301.91	-78.18	-42.76	-254.14	48.37	10.38	-19.35	-20.98	52.43
MRPC1TOR25P5_COS		-400.66	-96.63	-169.97	-90.47	208.19	-33.59	24.19	10.25	7.12	4.37	12.58	8.01	-7.29	2.00	-15.26	-20.76
MRPC1TOR25P5_SIN		0.00	-107.27	-72.51	-263.68	-142.84	135.31	-6.46	25.70	-19.46	-5.98	-39.54	18.05	18.46	9.57	16.26	-2.39
MRPLK1LOAD_COS		-4.64	-16.07	-22.19	-13.94	28.46	-4.08	1.07	1.62	1.72	-0.49	3.64	-1.00	-2.13	0.20	-3.03	-4.53
MRPLK1LOAD_SIN		0.00	-7.61	-10.35	-40.15	-18.76	19.74	0.17	4.04	-3.22	-0.39	-6.27	2.10	2.92	1.71	3.11	0.26
PITCHRH_COS		9874.12	-8793.81	834.35	-62.08	30.95	-915.69	130.00	-63.34	46.13	-56.68	74.92	165.21	111.10	-128.76	-87.50	59.92
PITCHRH_SIN		0.00	1842.80	-320.43	-159.10	-11.20	-7421.67	-53.15	13.07	167.15	-8.91	-106.97	-237.69	-20.74	59.28	-12.34	2.53
ROLLRH_COS		6270.04	-1862.21	187.86	-42.77	-53.92	2602.48	-15.26	-31.38	-63.20	4.70	263.90	220.68	-27.16	-267.28	315.66	289.73
ROLLRH_SIN		0.00	-8749.68	760.23	-15.27	152.94	3491.56	-181.52	-65.93	307.20	-88.81	-96.57	33.95	-2.84	150.68	209.83	345.23
TORQ_COS		107216.44	494.90	45.14	178.99	79.52	-83.92	-5.10	-26.36	7.90	-2.32	0.45	-5.09	-0.63	-3.92	-8.55	6.48
TORQ_SIN		0.00	764.72	-87.74	-132.84	-86.78	679.46	7.48	82.32	-7.80	-7.08	118.79	5.99	-1.91	5.42	-3.74	-2.03
THRUST_COS		5850.20	-115.62	23.06	3.64	-8.57	51.66	4.49	2.45	9.30	-0.75	61.51	1.31	-3.11	-6.05	7.33	-18.25
THRUST_SIN		0.00	-72.01	6.36	-31.93	25.99	111.61	13.26	23.07	-5.88	3.67	29.03	-4.24	18.06	8.03	0.21	-4.17

RUN	POINT	Harmonics															
57	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-132.38	54.47	-10.44	-4.03	-15.87	-468.88	1.72	1.44	-3.92	0.21	-19.44	-7.83	0.80	7.47	-9.28	-7.81
SIDERH_SIN		0.00	226.95	-17.06	-5.06	-51.47	-213.58	-2.23	-4.57	-8.92	5.27	1.49	-5.97	0.35	-4.15	-6.57	-8.86
DRAGRH_COS		-66.41	232.51	-0.98	0.24	-0.71	1142.61	-11.72	-4.92	5.75	1.78	-11.92	-11.50	-4.96	5.46	6.17	-7.40
DRAGRH_SIN		0.00	-51.86	30.80	1.79	14.20	340.03	23.43	2.40	-6.06	3.91	26.54	11.18	2.06	-1.84	0.15	2.58

RUN	POINT	Harmonics															
57	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.48	-0.05	0.00	0.00	0.02	-0.04	-0.01	-0.01	-0.02	-0.01	-0.03	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.15	-0.99	0.00	0.00	0.06	0.02	0.01	-0.01	-0.01	-0.04	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.02	0.11	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.43	-0.79	-11.77	-4.81	13.28	-0.02	-2.74	0.56	-0.61	-0.60	-0.21	-0.37	0.44	-0.85	0.07	-0.11
ACT1FORCE_SIN		0.00	20.32	2.61	-9.28	-3.21	4.08	-1.35	0.95	0.16	0.22	-0.65	-0.58	-0.94	-0.27	0.67	0.49
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.09	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.03	0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		387.41	-8.38	70.84	-58.74	-151.00	-9.36	24.83	0.21	0.38	0.04	-0.07	0.04	0.36	0.05	-0.14	-0.05
FA1IBVOLTAGE_SIN		0.00	-119.93	-30.94	53.61	-170.19	-17.90	10.55	-0.44	0.12	0.12	0.02	-0.18	-0.04	-0.10	0.10	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.01	-0.01	0.09	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	-0.03	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		418.53	8.60	-71.39	58.60	152.04	9.69	-25.34	-0.04	0.30	-0.05	-0.11	0.00	-0.29	-0.04	0.11	0.10
FA1OBVOLTAGE_SIN		0.00	120.46	31.24	-54.31	170.27	18.63	-10.40	-0.09	0.06	0.05	-0.05	0.14	0.07	0.14	-0.11	0.04
MRBLD1CB42P75_COS		-856.46	-1565.11	717.12	-197.14	-236.58	-76.37	-12.03	-13.31	-38.68	55.68	-21.76	73.72	-17.07	-5.31	4.84	4.37
MRBLD1CB42P75_SIN		0.00	1655.22	-17.61	148.24	564.42	-304.46	22.60	-82.12	39.14	-34.56	-92.73	21.04	29.36	5.96	-6.44	22.78

RUN	POINT	Harmonics															
57	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4527.76	-1227.26	569.65	-388.96	-221.40	-53.24	165.06	-8.07	-47.41	66.62	-42.05	50.12	-6.75	-4.40	0.08	13.48
MRBLD1CB70_SIN		0.00	1243.59	-60.33	117.10	1076.12	-155.21	267.20	-24.95	42.97	-28.70	3.84	0.17	21.49	0.83	-13.79	18.86
MRBLD1CB120_COS		-185.66	-757.65	433.39	-274.95	-0.63	-41.42	264.39	-20.67	12.33	-52.82	1.97	-39.14	8.17	4.76	4.10	-5.52
MRBLD1CB120_SIN		0.00	834.80	-59.03	157.64	1040.51	88.48	472.76	-32.17	-56.69	17.13	32.67	-8.00	-6.82	-0.29	-0.71	3.80
MRBLD1CB164_COS		-1990.87	-256.48	97.40	-93.81	65.32	-34.79	91.35	2.06	26.60	-75.26	32.52	-32.81	7.84	2.04	-1.06	-7.01
MRBLD1CB164_SIN		0.00	287.04	-1.18	92.11	388.74	126.89	246.35	0.23	-64.51	9.56	-16.11	11.02	-5.59	5.98	9.62	-9.56
MRBLD1FB42P75_COS		2540.92	371.34	74.55	489.39	547.68	-226.84	-21.31	-322.81	-62.25	-104.52	-136.80	62.37	-3.84	-9.16	-2.26	45.61
MRBLD1FB42P75_SIN		0.00	-339.95	200.62	1024.45	-246.37	0.66	11.56	-243.79	-77.50	17.54	-230.65	6.58	21.15	-19.13	-41.48	13.76
MRBLD1FB70_COS		599.58	106.42	18.93	87.46	165.02	-59.66	1.95	-39.11	0.85	3.80	0.16	0.10	2.68	2.23	0.92	-7.14
MRBLD1FB70_SIN		0.00	-245.95	109.97	272.72	-35.98	-15.77	11.08	-37.96	0.45	4.49	5.94	-1.32	-0.71	4.12	6.29	-4.94
MRBLD1FB87_COS		58.48	120.83	-49.93	17.98	78.41	-20.62	-9.94	27.72	10.92	20.94	31.70	-15.51	2.16	2.81	1.21	-9.60
MRBLD1FB87_SIN		0.00	-295.13	93.97	134.72	-36.22	13.61	2.29	19.51	6.04	0.71	52.23	0.64	-4.18	6.00	11.33	0.45
MRBLD1FB120_COS		-302.09	146.86	-163.25	-22.76	-8.41	20.41	-37.93	47.61	-8.49	-13.82	-13.74	3.20	-7.87	-5.67	-2.00	13.24
MRBLD1FB120_SIN		0.00	-397.85	97.77	176.94	-17.58	73.38	0.71	57.59	6.42	-11.28	-22.80	-2.17	-1.24	-12.22	-17.95	-0.63
MRBLD1FB164_COS		58.63	96.12	-59.48	116.22	-243.42	58.29	49.05	-58.40	8.68	16.86	21.68	-11.84	3.58	3.30	-3.61	-11.36
MRBLD1FB164_SIN		0.00	-477.72	48.09	361.98	284.84	5.25	-37.89	-93.91	-2.42	13.98	39.64	-0.13	-5.46	7.39	11.54	-0.10

RUN	POINT	Harmonics															
57	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-0.34	-41.64	6.13	95.21	-149.09	31.02	43.61	-60.27	17.51	26.72	58.44	-36.17	-18.85	-11.70	-2.72	17.83
MRBLD1FB180_SIN		0.00	-331.28	31.40	196.79	216.13	-15.40	-17.10	-97.43	2.41	15.33	96.40	-2.80	-15.51	-16.77	-23.63	-0.58
MRBLD1TOR51_COS		-1487.17	161.88	130.52	107.50	-176.70	29.76	-22.16	-25.66	-9.10	-5.31	0.68	-9.24	0.21	-2.62	9.10	9.15
MRBLD1TOR51_SIN		0.00	-127.02	62.06	263.89	166.98	-131.30	13.95	-35.28	12.43	1.50	14.87	-7.35	-9.43	-6.27	-8.98	7.08
MRBLD1TOR71_COS		-308.84	182.27	83.87	109.40	-165.99	37.51	-16.40	-15.51	-6.83	-4.98	2.76	-13.66	-0.51	-2.11	5.73	3.64
MRBLD1TOR71_SIN		0.00	-125.33	49.99	190.72	132.64	-110.74	10.21	-15.42	12.45	5.23	19.78	-6.83	-7.18	-3.35	-3.75	6.45
MRBLD1TOR130_COS		-43.95	155.23	83.29	113.02	-160.99	22.94	-5.12	-16.10	-0.54	-8.34	11.62	-3.12	-4.89	-1.18	-4.77	-7.06
MRBLD1TOR130_SIN		0.00	-95.11	6.15	141.99	141.46	-97.07	9.07	-19.75	2.27	2.27	-14.22	6.69	4.84	3.24	5.25	-0.08
MRBLD1TOR164_COS		-267.75	79.40	64.86	71.83	-48.46	-6.68	-4.71	-10.75	1.89	1.94	7.21	-4.20	-4.97	2.27	-5.06	-6.26
MRBLD1TOR164_SIN		0.00	-31.81	-8.78	25.67	80.51	-63.77	6.79	-3.33	0.01	0.34	2.27	1.83	1.81	0.40	2.78	-2.83
MRFBM1CB26P5_COS		-981.06	-968.45	320.56	25.56	-136.41	20.26	-38.59	0.66	3.13	-4.24	8.79	2.38	-1.41	1.05	2.65	-2.70
MRFBM1CB26P5_SIN		0.00	762.92	93.27	-39.58	-121.67	-75.05	-68.61	-20.64	-2.31	-0.99	-31.30	5.10	-0.47	-1.19	-0.60	2.54
MRFBM1FB9_COS		623.50	-137.17	-233.20	0.78	-44.81	29.16	20.44	4.29	1.17	0.26	-3.21	-0.87	1.20	-0.20	-1.47	0.41
MRFBM1FB9_SIN		0.00	-147.13	-70.54	-301.55	-16.76	13.96	-3.02	20.88	3.82	2.05	6.43	-1.76	-0.12	0.61	0.38	-1.86
MRFBM1TOR26P5_COS		-111.92	80.60	4.06	-0.05	-7.57	1.31	-0.44	0.30	-0.03	0.44	-0.35	0.28	0.25	0.03	0.13	0.34
MRFBM1TOR26P5_SIN		0.00	-254.94	1.05	2.11	2.38	-2.04	-1.45	-0.29	0.41	-0.18	0.80	-0.18	-0.23	-0.07	-0.20	-0.11

RUN	POINT	Harmonics															
57	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		388.19	-1104.47	574.81	-21.44	-79.60	-99.83	-83.22	-26.72	-4.46	-1.38	-10.34	52.93	-13.11	-2.11	8.99	2.91
MRPC1CB33P25_SIN		0.00	1399.88	-57.27	134.40	171.01	-223.05	-4.52	-83.72	-8.58	-30.18	-106.24	8.52	17.22	3.46	-5.09	20.36
MRPC1FB33P25_COS		1748.77	303.34	-35.96	243.78	514.69	-184.05	-10.89	-154.16	-10.89	-78.73	40.37	42.91	-16.64	9.50	30.89	10.13
MRPC1FB33P25_SIN		0.00	-81.90	152.39	913.03	-55.83	-61.46	3.59	-329.87	-98.23	-47.18	-249.12	46.61	11.43	-19.31	-24.82	49.74
MRPC1TOR25P5_COS		-402.72	-88.27	-161.93	-95.09	209.63	-36.02	26.35	20.46	8.88	4.74	14.76	11.31	-7.83	2.76	-13.12	-20.21
MRPC1TOR25P5_SIN		0.00	-104.74	-63.79	-262.06	-155.47	135.33	-7.70	26.88	-20.00	-6.24	-38.83	19.04	19.06	9.47	16.22	-0.08
MRPLK1LOAD_COS		-5.06	-14.97	-21.11	-14.49	28.65	-4.35	1.40	3.11	1.86	-0.46	3.55	-0.11	-2.22	0.33	-2.63	-4.41
MRPLK1LOAD_SIN		0.00	-7.73	-9.23	-39.78	-20.63	19.62	0.05	4.36	-3.28	-0.34	-6.22	2.33	3.00	1.78	3.11	0.77
PITCHRH_COS		7790.38	-8768.28	859.05	-84.15	40.02	-839.27	109.32	-75.42	116.38	-79.01	70.82	172.75	99.19	-102.61	-107.43	42.81
PITCHRH_SIN		0.00	1891.51	-370.05	-177.58	7.87	-7189.02	-75.02	-22.85	99.69	-27.12	-123.38	-206.25	-18.12	56.90	-18.95	64.55
ROLLRH_COS		4768.01	-1885.00	252.17	-31.37	-45.71	2567.94	26.99	-31.87	-20.17	4.02	326.56	212.03	-54.20	-245.59	286.91	225.74
ROLLRH_SIN		0.00	-8709.84	706.87	-8.49	190.80	3476.70	-195.75	-69.59	255.03	-107.63	-115.83	65.14	-17.92	119.59	234.05	309.25
TORQ_COS		105518.49	465.39	44.95	198.92	69.88	-88.61	-2.24	-26.34	10.24	-1.61	-5.45	-1.18	-1.54	-4.11	-7.14	7.14
TORQ_SIN		0.00	788.38	-74.25	-129.51	-77.24	656.23	1.69	88.57	-7.64	-7.84	112.32	3.88	-1.03	5.96	-4.14	-0.80
THRUST_COS		5693.43	-117.95	22.81	6.17	-7.04	56.78	4.30	3.42	8.99	0.88	50.21	5.84	-1.91	-3.23	5.82	-18.55
THRUST_SIN		0.00	-70.34	5.12	-37.23	23.96	103.22	12.56	26.14	-3.68	1.77	26.75	-5.87	19.27	8.57	0.13	-2.91

RUN	POINT	Harmonics															
57	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.11	55.32	-11.48	-6.44	-16.14	-464.35	-0.86	1.46	-5.13	-0.03	-21.55	-7.32	1.12	6.86	-8.40	-5.77
SIDERH_SIN		0.00	225.90	-11.57	-1.46	-60.49	-208.23	-3.62	-4.57	-7.23	6.00	2.92	-7.14	0.59	-3.08	-7.22	-8.03
DRAGRH_COS		-82.30	232.30	-2.84	-1.02	-2.02	1110.75	-10.01	-3.74	6.74	3.94	-10.44	-13.40	-4.61	4.21	6.68	-7.22
DRAGRH_SIN		0.00	-53.36	31.30	0.86	11.75	326.48	28.97	4.54	-5.31	6.23	26.66	9.84	2.86	-1.35	0.26	-0.01

RUN	POINT	Harmonics															
63	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.44	-2.81	-12.05	0.53	-0.92	-0.95	0.25	-0.14	0.16	0.08	0.14	0.09	0.08	0.06	0.07	0.11
ACT1FORCE_SIN		0.00	22.92	-3.85	-2.97	3.06	-1.37	-0.16	-0.01	0.09	-0.02	-0.21	0.01	-0.08	-0.02	-0.04	0.06
FA1IBCURRENT_COS		-0.01	-0.02	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		307.25	7.29	101.79	5.84	5.39	6.12	-0.63	-0.03	0.01	0.02	-0.03	0.00	-0.01	-0.03	0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-178.96	29.35	23.80	-33.02	6.91	3.52	-0.03	-0.02	0.04	-0.02	-0.01	0.01	-0.01	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		498.70	-7.00	-102.20	-6.04	-5.15	-6.23	0.55	0.04	0.00	-0.01	0.03	0.01	0.01	0.02	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	179.45	-29.07	-24.04	33.10	-6.79	-3.57	0.00	0.04	-0.04	0.02	0.01	-0.01	0.01	0.01	0.01
MRBLD1CB42P75_COS		-1557.39	-1215.50	351.28	12.67	24.15	22.42	-43.52	-60.36	10.15	-5.72	6.56	17.13	10.54	16.75	0.13	-1.04
MRBLD1CB42P75_SIN		0.00	-206.28	-43.28	108.98	69.41	116.68	-9.07	-53.45	9.53	50.57	-95.60	0.35	10.19	2.67	42.35	-12.89

RUN	POINT	Harmonics															
63	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4016.02	-857.64	80.83	116.06	36.52	-61.07	-137.03	-47.55	5.67	14.44	-2.56	8.11	6.67	11.10	-9.14	8.97
MRBLD1CB70_SIN		0.00	-143.30	-237.67	114.96	-198.10	66.06	16.25	-26.91	9.98	51.09	-8.26	-14.38	9.17	-1.83	35.08	-19.62
MRBLD1CB120_COS		-321.84	-558.05	-89.40	252.47	86.30	-181.65	-237.77	-55.24	-18.96	3.93	11.65	-10.71	-4.34	0.85	-5.42	1.79
MRBLD1CB120_SIN		0.00	198.97	-315.20	74.41	-73.19	23.96	28.18	-27.98	-23.36	-32.78	35.38	-4.34	-4.35	-2.72	-0.65	-1.22
MRBLD1CB164_COS		-1900.97	-193.68	-67.88	192.37	21.91	-123.09	-116.74	-2.44	-16.21	2.56	22.61	-6.46	-0.05	-5.07	14.38	-8.87
MRBLD1CB164_SIN		0.00	122.90	-126.93	12.65	20.98	-17.97	-2.54	2.44	-25.40	-48.94	-3.53	10.68	-4.36	-1.28	-16.88	15.09
MRBLD1FB42P75_COS		1968.43	395.48	355.71	1143.15	419.20	11.81	-73.95	-341.08	-18.14	-98.06	-93.13	40.49	4.81	24.27	52.49	-28.12
MRBLD1FB42P75_SIN		0.00	84.77	650.47	-304.93	1099.25	328.81	119.62	-54.58	-7.27	-13.02	-194.55	5.25	-8.47	-8.94	49.58	-6.55
MRBLD1FB70_COS		453.20	135.71	173.54	364.28	108.85	14.63	-14.83	-43.09	8.76	3.90	1.26	-1.44	-1.65	-7.08	-12.96	3.47
MRBLD1FB70_SIN		0.00	-286.00	281.06	-128.85	291.91	63.25	20.61	-4.41	7.39	10.72	3.95	2.37	3.36	3.01	-9.01	2.27
MRBLD1FB87_COS		29.36	138.26	101.74	202.99	24.88	-7.18	-9.97	23.67	-1.65	14.98	18.94	-10.09	-0.96	-5.22	-11.62	6.26
MRBLD1FB87_SIN		0.00	-313.14	211.93	-78.58	120.82	10.23	-8.91	6.03	0.01	3.26	44.83	-3.24	0.37	0.10	-13.31	-1.08
MRBLD1FB120_COS		-271.72	195.07	67.89	202.23	-34.75	-35.74	-1.78	56.82	-14.58	-8.49	-10.41	0.06	-2.95	5.36	14.55	-11.33
MRBLD1FB120_SIN		0.00	-471.80	253.32	-49.86	-1.73	-15.34	-14.28	12.81	-2.63	-9.43	-15.17	1.97	-1.04	-0.08	18.14	-0.73
MRBLD1FB164_COS		-199.62	178.56	292.15	181.72	-78.39	-43.60	34.16	-65.30	23.09	15.46	18.31	0.97	5.54	-0.48	-7.80	7.69
MRBLD1FB164_SIN		0.00	-625.85	399.31	34.83	-305.97	-71.77	-2.66	-25.07	8.56	14.35	29.67	-3.03	2.26	3.89	-8.61	-0.65

RUN	POINT	Harmonics															
63	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-240.83	33.58	215.67	66.65	-45.52	-7.33	26.48	-60.88	17.01	25.88	44.70	-7.69	-3.49	2.33	15.61	-11.69
MRBLD1FB180_SIN		0.00	-430.47	240.93	46.07	-212.13	-42.07	8.52	-20.60	8.05	13.40	89.02	3.21	7.86	4.78	20.62	0.09
MRBLD1TOR51_COS		-1640.85	169.38	133.14	33.66	60.52	-26.72	-11.27	-45.07	-4.43	-1.36	1.86	-1.68	-1.51	-1.68	-0.65	-3.13
MRBLD1TOR51_SIN		0.00	-374.34	250.89	48.68	8.35	61.06	-54.15	16.09	3.90	3.61	17.76	1.32	2.49	-2.21	3.07	-2.30
MRBLD1TOR71_COS		-444.16	188.16	114.05	-7.07	47.07	-16.02	-1.82	-29.32	-3.96	-0.54	1.19	-4.33	-2.24	-0.51	0.73	-1.85
MRBLD1TOR71_SIN		0.00	-291.07	220.27	22.79	-28.93	46.59	-49.64	23.79	3.42	3.42	22.65	-1.69	2.19	-2.25	1.31	-1.90
MRBLD1TOR130_COS		-180.40	172.03	117.42	-55.31	33.62	-6.10	-4.71	-23.59	3.40	-3.69	11.25	-3.35	-1.77	2.15	1.54	1.38
MRBLD1TOR130_SIN		0.00	-254.89	149.18	34.37	-73.63	33.08	-34.90	10.56	3.79	-2.10	-8.11	-1.26	1.56	0.81	1.97	1.31
MRBLD1TOR164_COS		-311.80	84.05	57.13	-84.52	15.34	11.33	-13.85	-10.89	2.80	-0.34	3.03	-3.53	-0.47	2.49	-1.90	-0.06
MRBLD1TOR164_SIN		0.00	-156.57	28.81	21.23	-6.94	34.22	-11.98	3.21	1.60	0.10	3.43	-3.23	0.17	3.57	6.29	-1.14
MRFBM1CB26P5_COS		-1892.39	-553.45	180.94	-165.68	16.93	14.11	21.00	-0.93	0.97	-4.05	5.30	3.07	1.14	1.20	1.08	-1.98
MRFBM1CB26P5_SIN		0.00	-154.27	55.73	21.41	39.09	22.24	-12.68	-5.59	-4.18	-4.04	-26.86	4.09	-0.77	1.87	2.69	0.91
MRFBM1FB9_COS		-575.50	201.79	-318.99	-284.75	5.39	23.59	13.27	12.33	1.08	2.86	-3.38	0.47	-0.25	-0.17	1.60	-0.75
MRFBM1FB9_SIN		0.00	47.50	-385.19	-38.04	-141.58	-28.90	8.43	14.80	0.22	1.33	4.87	-0.87	-0.01	-0.53	-1.67	1.46
MRFBM1TOR26P5_COS		-97.18	28.78	3.55	-0.87	1.26	-1.01	0.97	-0.15	-0.03	0.39	-0.31	0.23	0.06	-0.13	-0.05	0.02
MRFBM1TOR26P5_SIN		0.00	-235.34	2.91	0.60	-2.06	0.51	-0.90	0.04	0.11	0.05	0.37	0.17	-0.09	-0.08	-0.18	0.04

RUN	POINT	Harmonics															
63	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-153.65	-1083.90	327.29	-50.23	21.93	27.07	-29.89	-56.70	7.89	-12.35	5.99	18.00	6.41	16.18	-0.07	-1.97
MRPC1CB33P25_SIN		0.00	-4.24	-21.26	87.05	207.97	96.21	-3.24	-52.68	-5.07	16.59	-97.23	1.90	4.63	2.61	34.52	-10.00
MRPC1FB33P25_COS		1478.44	304.01	59.05	1018.49	112.55	-74.00	-95.13	-254.88	-2.58	-61.29	52.43	27.55	11.53	26.73	-9.27	-8.66
MRPC1FB33P25_SIN		0.00	305.79	549.36	-69.50	993.33	266.16	81.60	-192.82	-25.37	-67.12	-199.56	28.47	-5.57	14.94	77.73	-28.99
MRPC1TOR25P5_COS		-175.60	-170.61	-181.27	23.84	-71.89	36.68	9.35	38.37	6.23	-2.63	8.14	2.52	3.54	9.47	2.87	4.15
MRPC1TOR25P5_SIN		0.00	208.91	-244.07	-60.70	27.21	-61.68	63.86	-24.52	-7.55	-9.57	-35.71	-4.99	0.01	6.61	7.38	-0.28
MRPLK1LOAD_COS		24.08	-24.47	-22.86	-0.09	-13.52	6.23	-0.08	6.06	1.41	-0.85	2.50	-1.28	0.40	1.89	0.36	0.60
MRPLK1LOAD_SIN		0.00	42.44	-35.46	-12.69	2.73	-9.96	9.16	-3.04	-1.56	-0.88	-4.81	-1.13	0.21	0.58	1.56	-0.55
PITCHRH_COS		4066.69	-9226.68	-82.22	180.45	-59.23	2373.03	295.52	-248.38	-59.38	36.43	185.61	-95.65	57.88	-11.78	-15.01	38.50
PITCHRH_SIN		0.00	1412.49	-1571.88	-23.74	-14.20	3880.49	-111.73	35.64	-210.97	-73.14	-88.53	-38.13	-40.46	67.32	47.33	328.82
ROLLRH_COS		-12.50	-1402.19	1684.37	144.19	119.52	-5043.39	-31.15	72.03	-46.98	89.35	129.26	-44.30	79.18	21.61	17.92	-418.52
ROLLRH_SIN		0.00	-9015.74	-260.97	247.61	45.94	2234.03	43.04	-35.21	-16.81	117.51	-71.98	-87.69	28.58	-55.64	-27.03	192.81
TORQ_COS		80264.56	419.87	-3.11	232.97	-157.16	-286.19	15.28	-12.28	8.55	-1.68	9.87	-1.79	3.37	-0.24	-8.49	1.01
TORQ_SIN		0.00	1253.49	-29.45	91.46	-44.73	-236.36	8.56	20.41	4.26	-3.76	107.02	3.14	-3.83	2.46	-0.63	-10.36
THRUST_COS		2646.32	-147.76	4.88	39.49	7.50	37.68	6.52	-4.42	-6.33	-7.63	-2.25	-16.88	-9.04	-1.31	8.09	1.75
THRUST_SIN		0.00	-366.76	-7.42	-22.45	18.73	-176.21	4.44	7.71	-2.73	9.26	57.67	-4.56	5.51	-0.59	5.48	9.79

RUN	POINT	Harmonics															
63	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-57.05	57.76	-45.83	-0.16	6.95	190.52	6.77	-0.19	-3.26	-1.43	-7.52	-0.07	-1.25	-0.80	-0.61	11.14
SIDERH_SIN		0.00	211.62	29.23	3.14	17.15	-283.63	-14.65	-1.78	-0.66	-4.69	-4.79	3.98	-0.39	2.25	0.82	-6.86
DRAGRH_COS		116.94	235.11	29.40	-2.86	4.12	-227.92	-48.87	-5.00	6.47	-6.36	-14.33	7.86	-3.50	-0.84	0.46	-1.22
DRAGRH_SIN		0.00	-54.98	20.87	-3.05	5.03	328.17	12.65	0.01	-4.67	3.02	2.72	2.24	0.42	-2.71	-1.26	-16.73

RUN	POINT	Harmonics															
63	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.50	-3.12	-14.89	1.62	-1.66	-0.15	0.72	-0.22	0.10	-0.18	-0.03	-0.06	0.13	-0.05	0.09	0.00
ACT1FORCE_SIN		0.00	24.31	-6.19	-3.93	3.82	-1.03	0.69	0.22	0.18	0.05	-0.06	0.06	0.00	-0.01	-0.02	0.06
FA1IBCURRENT_COS		-0.01	-0.02	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		355.37	8.45	119.61	-3.39	11.44	-0.67	-8.78	-0.01	-0.01	0.03	-0.02	0.01	-0.01	-0.03	0.04	0.01
FA1IBVOLTAGE_SIN		0.00	-183.45	47.45	29.50	-38.20	4.78	-8.02	0.02	-0.02	0.05	-0.01	-0.02	0.01	-0.02	-0.02	0.03
FA1OBCURRENT_COS		0.02	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		450.47	-8.27	-120.03	3.23	-11.29	0.61	8.79	0.03	-0.02	-0.03	0.01	0.00	0.00	0.03	-0.03	-0.01
FA1OBVOLTAGE_SIN		0.00	183.92	-47.31	-29.80	38.26	-4.71	7.95	-0.01	0.04	-0.05	0.01	0.01	0.00	0.03	0.02	-0.02
MRBLD1CB42P75_COS		-148.12	-1273.21	502.24	-19.21	72.62	-48.83	-70.71	-59.82	10.28	-49.45	-5.57	11.32	11.28	25.08	2.10	0.17
MRBLD1CB42P75_SIN		0.00	1472.28	-72.55	164.31	124.29	141.93	-30.38	-104.82	13.69	33.01	-118.67	4.52	3.85	7.52	66.86	-13.51

RUN	POINT	Harmonics															
63	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4669.63	-1045.15	221.32	120.69	226.01	-217.71	-188.68	-60.77	-2.69	-26.24	-36.73	8.40	4.98	14.25	-1.32	16.28
MRBLD1CB70_SIN		0.00	1070.92	-335.17	254.40	-211.48	84.47	-80.48	-60.26	6.34	44.50	4.27	-18.35	5.93	2.54	47.67	-24.50
MRBLD1CB120_COS		-74.08	-778.88	87.56	322.01	271.59	-373.33	-280.32	-78.22	-11.95	27.47	36.46	-5.81	-6.87	6.40	-7.50	4.50
MRBLD1CB120_SIN		0.00	808.40	-358.50	187.22	-88.44	-17.17	-131.86	-50.53	-37.26	-22.87	55.14	-16.46	-5.93	-5.32	-5.96	-3.11
MRBLD1CB164_COS		-1932.31	-262.80	-32.62	252.38	90.66	-213.08	-133.45	-2.90	-14.34	32.90	68.00	-7.70	0.72	-4.51	10.21	-18.52
MRBLD1CB164_SIN		0.00	314.94	-143.89	66.17	14.50	-63.51	-78.37	15.64	-29.61	-37.94	-0.73	11.88	-0.91	-3.11	-20.50	21.71
MRBLD1FB42P75_COS		2257.66	385.33	419.93	1446.73	178.41	27.06	-72.57	-472.50	2.64	-118.72	-51.88	37.27	-4.36	40.14	76.96	-36.07
MRBLD1FB42P75_SIN		0.00	-356.19	872.86	-240.00	1423.61	327.39	124.25	-192.69	12.67	-36.64	-317.74	10.09	-22.43	-22.53	90.07	-19.97
MRBLD1FB70_COS		556.98	170.87	156.64	460.00	46.16	10.81	-16.59	-67.18	11.09	-0.47	-0.59	-1.50	-0.98	-9.76	-16.10	5.47
MRBLD1FB70_SIN		0.00	-339.00	359.42	-104.97	380.07	64.50	19.43	-26.37	10.96	13.70	8.02	4.18	6.47	5.56	-16.68	4.82
MRBLD1FB87_COS		34.19	174.89	67.76	258.51	-5.37	-10.91	-10.37	32.54	-5.27	19.31	10.31	-8.88	0.92	-9.35	-18.15	8.00
MRBLD1FB87_SIN		0.00	-370.37	256.46	-70.01	153.38	8.53	-13.53	15.89	-6.72	3.85	67.70	-7.42	2.10	2.01	-23.34	0.18
MRBLD1FB120_COS		-336.02	247.34	-17.82	277.65	-32.40	-34.80	-1.30	91.70	-17.68	-5.90	-6.60	-1.17	-5.07	9.39	21.82	-14.48
MRBLD1FB120_SIN		0.00	-534.30	291.07	-20.68	-8.33	-24.29	-14.21	44.37	-2.01	-7.71	-21.06	4.25	-4.39	-2.72	33.13	-2.76
MRBLD1FB164_COS		-71.03	194.83	267.00	230.33	25.34	-46.16	31.95	-105.06	22.85	10.14	10.73	3.63	10.07	-3.87	-13.93	10.42
MRBLD1FB164_SIN		0.00	-748.79	490.75	118.97	-392.85	-67.01	0.32	-68.65	9.98	12.40	43.26	-7.91	5.54	8.13	-18.41	-2.29

RUN	POINT	Harmonics															
63	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-116.83	-3.06	222.75	78.49	20.30	-11.62	21.13	-100.92	11.10	27.35	34.42	-4.12	-7.92	2.49	22.05	-13.79
MRBLD1FB180_SIN		0.00	-518.63	302.62	105.87	-270.48	-37.95	12.18	-57.03	4.02	7.08	133.70	-0.08	7.66	-0.41	34.81	0.38
MRBLD1TOR51_COS		-1581.26	243.02	120.84	48.38	72.40	-50.90	24.65	-70.17	-11.41	1.26	-3.74	-2.14	-3.75	-2.12	-0.82	-1.89
MRBLD1TOR51_SIN		0.00	-335.87	326.74	61.17	14.67	83.15	-67.13	-13.13	12.20	-9.86	24.29	0.90	0.52	-4.24	9.12	-2.51
MRBLD1TOR71_COS		-417.99	258.39	96.08	-6.07	62.81	-30.18	33.04	-50.27	-9.17	6.86	-7.64	-3.41	-4.04	-0.88	0.03	-1.81
MRBLD1TOR71_SIN		0.00	-279.63	282.52	19.49	-35.71	66.99	-60.01	6.63	10.52	-7.34	32.70	-1.60	2.01	-2.25	4.20	-0.61
MRBLD1TOR130_COS		-146.53	227.92	101.95	-71.31	61.08	-14.50	20.93	-42.08	-0.02	0.55	12.14	-2.65	-0.49	3.56	1.48	0.30
MRBLD1TOR130_SIN		0.00	-225.79	185.43	29.31	-92.24	54.31	-41.03	-8.09	10.85	-10.24	-6.41	0.54	2.32	2.37	-2.33	1.96
MRBLD1TOR164_COS		-322.80	119.90	47.44	-105.06	14.82	8.09	-3.60	-19.73	2.40	3.89	-2.44	-2.11	1.79	3.65	-4.03	0.29
MRBLD1TOR164_SIN		0.00	-108.87	37.06	1.13	-11.59	48.60	-13.48	-4.78	4.58	-0.74	6.75	-4.06	0.63	5.72	3.75	-3.23
MRFBM1CB26P5_COS		-741.57	-751.36	276.52	-224.56	-2.37	19.90	30.07	3.31	4.61	-3.29	16.47	2.18	1.90	2.41	-1.90	-2.95
MRFBM1CB26P5_SIN		0.00	670.02	113.79	-35.94	66.45	26.48	4.17	-9.95	-4.85	-6.25	-39.13	5.56	-1.45	1.57	5.26	0.59
MRFBM1FB9_COS		323.83	-81.77	-356.42	-342.43	40.25	27.80	8.86	11.80	2.04	3.74	-6.85	0.81	-0.50	-0.58	2.82	-1.20
MRFBM1FB9_SIN		0.00	-229.08	-479.09	-91.23	-161.13	-25.08	12.75	26.48	-0.68	3.34	5.55	-0.04	0.41	-0.94	-2.49	1.75
MRFBM1TOR26P5_COS		-55.85	45.11	4.13	-0.36	1.48	-1.38	1.32	-0.13	-0.07	-0.03	-0.15	0.20	0.03	-0.20	0.02	0.03
MRFBM1TOR26P5_SIN		0.00	-301.90	4.14	0.88	-1.96	1.19	-1.71	-0.03	0.04	0.27	0.39	0.20	-0.11	-0.22	-0.07	0.04

RUN	POINT	Harmonics															
63	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		669.80	-947.84	472.80	-105.46	-3.21	5.30	-50.80	-57.99	19.62	-34.41	10.06	18.71	4.80	25.15	2.57	-1.05
MRPC1CB33P25_SIN		0.00	1331.41	-37.85	93.25	294.44	103.58	-4.13	-90.35	-3.88	1.72	-125.45	5.91	-3.63	6.49	53.77	-10.15
MRPC1FB33P25_COS		1667.11	318.53	105.75	1268.47	-157.53	-69.68	-102.28	-300.20	2.80	-63.61	154.08	21.22	12.20	44.97	-29.67	-1.68
MRPC1FB33P25_SIN		0.00	-69.73	730.31	33.92	1213.54	267.96	86.99	-356.95	-1.36	-96.71	-265.21	29.48	-20.15	18.83	119.06	-45.66
MRPC1TOR25P5_COS		-173.75	-224.13	-166.62	16.48	-93.12	63.92	-29.38	63.31	13.07	-1.62	17.07	4.14	6.20	11.50	-0.40	1.87
MRPC1TOR25P5_SIN		0.00	91.83	-321.11	-69.53	28.07	-88.31	82.93	5.07	-14.98	-1.06	-45.04	-3.42	3.78	13.56	0.27	-0.48
MRPLK1LOAD_COS		23.48	-32.23	-21.32	-1.10	-15.94	10.57	-5.72	8.78	2.30	0.65	2.71	-0.98	0.89	2.45	-0.30	0.41
MRPLK1LOAD_SIN		0.00	26.86	-45.14	-14.68	2.97	-14.47	13.30	0.86	-2.40	-0.30	-5.72	-1.14	0.99	2.26	-0.16	-0.35
PITCHRH_COS		8968.22	-8496.20	-7.30	249.11	18.50	1320.22	324.25	-165.55	19.05	219.83	42.51	-182.08	83.38	-40.21	36.24	74.82
PITCHRH_SIN		0.00	580.75	-1378.05	37.97	122.49	5550.76	209.08	-87.95	-162.02	100.35	-129.81	-75.76	26.25	76.06	-25.07	478.04
ROLLRH_COS		5450.79	-696.98	1467.72	-27.04	-53.96	-6267.95	-56.13	31.65	151.61	-3.59	117.63	35.07	16.70	27.66	-22.72	-772.87
ROLLRH_SIN		0.00	-8607.43	-202.17	323.97	64.33	1309.18	-31.96	-80.00	67.88	101.66	-96.61	-102.11	40.22	-67.95	6.84	98.09
TORQ_COS		108551.51	403.10	-20.98	184.91	-167.51	-334.93	21.88	-29.30	-1.96	-8.85	-13.59	-6.09	1.78	-1.46	-7.90	-3.26
TORQ_SIN		0.00	1383.72	-97.91	242.25	-179.27	-409.75	11.20	24.82	4.70	-7.91	169.32	-1.81	-4.61	2.65	-4.86	-11.86
THRUST_COS		4821.53	-134.04	21.63	44.09	14.96	39.90	10.14	-3.09	-4.71	-14.07	-25.25	-5.42	-1.23	6.70	2.77	5.60
THRUST_SIN		0.00	-399.84	-3.68	-5.92	23.58	-175.37	7.67	11.71	-2.97	-7.77	124.16	-2.71	2.39	4.02	1.73	25.90

RUN	POINT	Harmonics															
63	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-79.73	31.74	-35.98	1.47	28.18	309.50	17.43	0.37	-7.53	2.13	-2.84	-3.53	-0.25	-1.12	0.82	21.71
SIDERH_SIN		0.00	212.92	9.43	4.64	9.26	-219.31	-18.31	2.00	-3.40	-4.51	-6.35	4.38	-0.52	2.09	0.13	-5.30
DRAGRH_COS		87.18	217.09	17.34	-2.95	0.34	-391.90	-62.49	-2.36	4.91	-8.36	-10.58	7.81	-4.91	1.23	-1.20	-5.21
DRAGRH_SIN		0.00	-40.75	32.02	-2.73	1.97	260.07	-4.01	0.87	-0.51	-6.38	4.15	4.66	0.12	-2.55	0.34	-21.40

Appendix D- Rotor Smoothing Static Data

Initial rotor tracking was accomplished by adjusting pitch links. No trim tab adjustments were used for tracking. The blades were tracked within ± 0.25 in. during hover and checked during forward flight runs. Rotor smoothing using an active trailing-edge flap is achieved by making steady-state inputs to individual flaps. Blades #1 or #2 were selected for the steady state inputs. Using the position control, the flaps were stepped up by 1-deg increments from -3 deg to 3 deg. The effectiveness of this technique was measured using the mean thrust and 1/rev roll and pitch moments resulting from the rotational lift. All test conditions for rotor smoothing are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices D and E contain rotor smoothing data that *were* subjected to the control criteria.

Rotor Smoothing	Condition	Velocity (kts)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	0	0	0.623	-10	0.028	0
	2	82	0.2	0.623	2	0.075	0
	3	124	0.3	0.623	-9.1	0.075	0
	4	124	0.3	0.623	-9.1	0.075	0

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
55	124	5831	0.076540	0.623	0.809	3772	8264	107679	-134	-113
57	-9	10.30	-1.67	6.35	0.03	0	0	50.61	1127	0.006959
	677	0.186	0.299	702	396	2085	0.00229294	528	3.79202E-07	
55	125	5631	0.073954	0.623	0.809	1755	5027.400	105433	-142	-138
58	-9	10.19	-1.74	6.22	1.03	0	0	50.65	1127	0.006818
	663	0.186	0.300	702	396	2085	0.00229182	529	3.79327E-07	
55	125	5605	0.073614	0.623	0.809	1709	4776	105183	-143	-139
59	-9	10.19	-1.74	6.22	2.04	0	0	50.62	1127	0.006802
	661	0.186	0.300	702	396	2085	0.00229184	528	3.79314E-07	
55	124	5519	0.072520	0.622	0.808	1167	3432	104864	-144	-151
60	-9	10.18	-1.74	6.23	3.02	0	0	50.47	1127	0.006785
	659	0.186	0.299	702	396	2085	0.00229108	529	3.79420E-07	
55	125	5799	0.076121	0.623	0.809	2715	8796	106222	-143	-98
61	-9	10.19	-1.74	6.22	0.98	-180	0	50.58	1127	0.006865
	668	0.186	0.299	702	396	2084	0.00229073	529	3.79442E-07	
55	125	5914	0.077665	0.623	0.809	3526	11233	106396	-141	-71
62	-9	10.19	-1.74	6.21	1.99	-180	0	50.65	1127	0.006879
	669	0.186	0.300	702	396	2084	0.00228999	529	3.79523E-07	
55	125	5933	0.077897	0.623	0.809	3631	11593	106688	-142	-62
63	-9	10.19	-1.74	6.21	2.98	-180	0	50.59	1127	0.006897
	671	0.186	0.299	702	396	2084	0.0022903	529	3.79498E-07	
55	125	5751	0.075509	0.623	0.809	2549	7625	106225	-143	-111
64	-9	10.21	-1.74	6.22	0.04	0	0	50.56	1127	0.006867
	668	0.186	0.299	702	396	2084	0.0022904	529	3.79479E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
55	125	5657	0.074269	0.623	0.809	1887	5879	105932	-142	-129
65	-9	10.21	-1.74	6.22	0.03	0	0	50.68	1127	0.006847
	666	0.186	0.300	702	396	2084	0.00228989	529	3.79527E-07	
55	125	5584	0.073310	0.623	0.809	920	3529	105420	-144	-148
66	-9	10.21	-1.74	6.22	0.04	0	0	50.60	1127	0.006815
	663	0.186	0.299	702	396	2084	0.00228959	529	3.79570E-07	
55	125	5495	0.072138	0.623	0.809	1068	3316	105024	-143	-150
67	-9	10.21	-1.74	6.23	0.04	0	0	50.62	1127	0.006789
	660	0.186	0.299	702	396	2084	0.00228967	529	3.79550E-07	
55	125	5819	0.076397	0.623	0.809	3014	8970	106624	-142	-94
68	-9	10.21	-1.74	6.21	0.04	0	0	50.56	1127	0.006893
	671	0.186	0.299	702	396	2084	0.00228959	529	3.79567E-07	
55	125	5981	0.078564	0.623	0.809	3884	11630	106987	-142	-63
69	-9	10.21	-1.74	6.21	0.03	0	0	50.56	1127	0.006920
	673	0.186	0.299	702	396	2084	0.00228961	529	3.79549E-07	
55	125	5955	0.078210	0.623	0.809	4378	12739	107206	-139	-43
70	-9	10.22	-1.74	6.21	0.03	0	0	50.59	1127	0.006932
	674	0.186	0.299	702	396	2084	0.00228978	529	3.79539E-07	
55	125	5822	0.076473	0.623	0.809	2789	8464	106646	-144	-103
71	-9	10.21	-1.74	6.22	0.03	0	0	50.55	1127	0.006897
	671	0.186	0.299	702	396	2084	0.00228952	529	3.79567E-07	
57	0	2098	0.026962	0.622	0.622	4932	15819	36940	-69	-251
14	-10	4.13	-0.04	-0.47	0.0387403	0	0	0.00	1124	0.002337
	231	0.000	0.000	699	395	2134	0.00235645	526	3.77948E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
57	0	2156	0.027689	0.622	0.622	-260	12567	36798	-78	-271
15	-10	4.13	-0.04	-0.48	1.04	0	0	0.00	1124	0.002326
	231	0.000	0.000	700	395	2134	0.00235684	526	3.77901E-07	
57	0	2185	0.028059	0.622	0.622	-199	12939	37067	-76	-271
16	-10	4.13	-0.04	-0.48	2.04	0	0	0.00	1124	0.002343
	232	0.000	0.000	700	395	2134	0.00235647	526	3.77947E-07	
57	0	2093	0.026866	0.622	0.622	402	11317	36296	-75	-277
17	-10	4.13	-0.04	-0.48	3.01	0	0	0.00	1124	0.002294
	228	0.000	0.000	700	395	2134	0.00235651	526	3.77948E-07	
57	0	2125	0.027298	0.622	0.622	-53	13979	36616	-77	-268
18	-10	4.13	-0.04	-0.49	0.97	-180	0	0.00	1124	0.002316
	229	0.000	0.000	700	395	2134	0.00235597	526	3.78014E-07	
57	0	2103	0.027025	0.622	0.622	1375	14477	36604	-75	-268
19	-10	4.13	-0.04	-0.49	1.97	-180	0	0.00	1125	0.002316
	229	0.000	0.000	700	395	2134	0.00235525	526	3.78101E-07	
57	0	2124	0.027314	0.622	0.622	1374	12547	36640	-73	-278
20	-10	4.13	-0.04	-0.49	2.98	-180	0	0.00	1125	0.002320
	230	0.000	0.000	699	395	2134	0.00235506	526	3.78123E-07	
57	0	2178	0.027943	0.623	0.623	1700	12350	36989	-74	-279
21	-10	4.13	-0.04	-0.49	0.47	0	0	0.00	1125	0.002336
	232	0.000	0.000	700	395	2134	0.00235524	526	3.78100E-07	
57	0	2117	0.027177	0.622	0.622	298	14422	36497	-77	-269
22	-10	4.13	-0.04	-0.50	0.04	0	0	0.00	1125	0.002307
	229	0.000	0.000	700	395	2134	0.00235522	526	3.78103E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
57	1	2127	0.027311	0.622	0.623	-2162	11753	36425	-80	-282
23	-10	4.13	-0.04	-0.50	0.04	0	0	0.01	1125	0.002303
	228	0.001	0.002	700	395	2134	0.00235501	526	3.78122E-07	
57	0	2096	0.026894	0.623	0.623	-3	12942	36462	-75	-277
24	-10	4.13	-0.04	-0.50	0.03	0	0	0.00	1125	0.002304
	229	0.000	0.001	700	395	2134	0.00235517	526	3.78100E-07	
57	0	2099	0.026924	0.623	0.623	1478	12229	36699	-75	-278
25	-10	4.13	-0.04	-0.50	0.04	0	0	0.00	1125	0.002318
	230	0.000	0.000	700	395	2134	0.00235484	526	3.78144E-07	
57	0	2127	0.027311	0.622	0.622	687	13755	36867	-75	-276
26	-10	4.13	-0.05	-0.50	0.03	0	0	0.00	1125	0.002330
	231	0.000	0.000	700	395	2134	0.00235431	527	3.78208E-07	
57	0	2135	0.027408	0.622	0.622	539	9450	36757	-73	-288
27	-10	4.13	-0.05	-0.51	0.03	0	0	0.00	1125	0.002324
	230	0.000	0.000	700	395	2134	0.002354	527	3.78249E-07	
57	0	2182	0.028027	0.622	0.622	768	11231	37649	-75	-284
28	-10	4.13	-0.05	-0.51	0.03	0	0	0.00	1125	0.002381
	236	0.000	0.000	700	395	2134	0.0023539	527	3.78254E-07	
57	0	2156	0.027674	0.623	0.623	1847	11941	36894	-74	-279
29	-10	4.13	-0.05	-0.51	0.03	0	0	0.00	1125	0.002331
	231	0.000	0.000	700	395	2134	0.00235288	527	3.78377E-07	
57	0	2131	0.027343	0.623	0.623	605	12080	36583	-75	-281
30	-10	4.13	-0.05	-0.51	0.03	0	0	0.00	1125	0.002312
	230	0.000	0.000	700	395	2134	0.00235269	527	3.78398E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
61	84	5818	0.075786	0.623	0.747	3940	10614	31257	-145	-155
34	3	4.26	-1.79	2.41	0.02	0	0	22.77	1141	0.002005
	199	0.124	0.200	711	401	2103	0.00225258	542	3.86532E-07	
61	84	5847	0.076199	0.623	0.747	3948	9079	31148	-146	-165
35	3	4.26	-1.79	2.41	1.01	0	0	22.75	1141	0.001999
	198	0.124	0.200	711	401	2103	0.00225211	542	3.86582E-07	
61	84	5824	0.075910	0.623	0.747	3988	10234	31049	-145	-160
36	3	4.26	-1.79	2.41	2.00	0	0	22.71	1141	0.001993
	198	0.124	0.200	711	401	2103	0.00225229	542	3.86564E-07	
61	84	5843	0.076148	0.623	0.747	3818	9449	30831	-146	-165
37	3	4.26	-1.79	2.41	2.99	0	0	22.71	1141	0.001978
	196	0.124	0.200	711	401	2103	0.00225197	542	3.86602E-07	
61	84	5922	0.077183	0.623	0.747	4486	11702	30363	-144	-144
38	3	4.27	-1.79	2.40	0.99	-180	0	22.74	1141	0.001948
	193	0.124	0.200	711	401	2103	0.00225195	542	3.86607E-07	
61	84	5918	0.077132	0.623	0.747	4438	11747	30750	-145	-142
39	3	4.26	-1.79	2.40	1.99	-180	0	22.67	1141	0.001973
	196	0.124	0.200	711	401	2103	0.00225208	542	3.86599E-07	
61	84	5877	0.076632	0.623	0.747	4235	11985	31336	-146	-138
40	3	4.27	-1.80	2.40	2.99	-180	0	22.76	1141	0.002012
	199	0.124	0.200	710	401	2103	0.00225219	542	3.86574E-07	
61	84	5852	0.076256	0.623	0.747	4146	10929	31154	-144	-152
41	3	4.27	-1.80	2.40	0.02	0	0	22.76	1141	0.001999
	198	0.124	0.200	711	401	2103	0.00225215	542	3.86583E-07	

Appendix E- Rotor Smoothing Dynamic Data

Initial rotor tracking was accomplished by adjusting pitch links. No trim tab adjustments were used for tracking. The blades were tracked within ± 0.25 in. during hover and checked during forward flight runs. Rotor smoothing using an active trailing-edge flap is achieved by making steady-state inputs to individual flaps. Blades #1 or #2 were selected for the steady state inputs. Using the position control, the flaps were stepped up by 1-deg increments from -3 deg to 3 deg. The effectiveness of this technique was measured using the mean thrust and 1/rev roll and pitch moments resulting from the rotational lift. All test conditions for rotor smoothing are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices D and E contain rotor smoothing data that *were* subjected to the control criteria.

Rotor Smoothing	Condition	Velocity (kts)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/σ	Harmonic number
	1	0	0	0.623	-10	0.028	0
	2	82	0.2	0.623	2	0.075	0
	3	124	0.3	0.623	-9.1	0.075	0
	4	124	0.3	0.623	-9.1	0.075	0

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft^3	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 165	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque, in-lb	in-lbf	drag
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DAGRHR	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.69	-3.08	-8.64	-0.32	-1.00	-0.50	0.20	0.12	-0.24	-0.02	0.12	-0.01	0.04	-0.06	0.00	-0.02
ACT1FORCE_SIN		0.00	18.20	-1.69	-3.34	1.19	0.32	-0.20	0.40	0.19	-0.04	-0.10	-0.08	0.06	0.04	-0.02	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		386.66	13.11	68.94	5.78	20.43	8.75	0.70	-0.04	0.02	0.03	-0.02	0.01	0.00	0.00	0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-139.07	9.25	45.20	-7.97	-2.28	7.40	-0.02	-0.04	-0.02	0.02	0.00	0.00	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		419.01	-12.99	-69.10	-5.93	-20.41	-8.76	-0.76	0.05	-0.01	-0.02	0.02	-0.01	0.01	0.00	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	139.35	-9.09	-45.32	7.96	2.33	-7.42	-0.01	0.03	0.02	-0.01	-0.01	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-831.68	-1729.28	508.86	-76.94	-129.11	-68.97	-69.19	-19.30	12.66	-16.91	-3.70	12.00	-0.81	-4.63	1.26	-0.23
MRBLD1CB42P75_SIN		0.00	1592.42	22.33	107.99	221.56	-78.42	-12.89	-64.26	18.73	36.34	-85.94	4.67	10.09	4.71	-3.64	21.66

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4540.00	-1303.35	376.55	-145.54	-43.54	-80.27	-87.87	-20.27	12.80	-5.43	-28.72	8.40	2.31	-2.00	-0.27	8.03
MRBLD1CB70_SIN		0.00	1192.55	-92.71	173.82	323.06	-117.34	43.17	-34.58	19.35	38.01	-34.58	-2.98	4.72	1.24	-8.81	29.04
MRBLD1CB120_COS		-220.85	-762.90	300.90	-30.48	34.21	-59.69	-79.48	2.33	3.64	8.42	0.97	-9.59	2.15	3.01	3.53	-1.19
MRBLD1CB120_SIN		0.00	844.64	-111.69	145.48	377.43	-96.30	61.71	-42.41	-28.32	-39.43	44.88	2.76	0.58	0.49	-1.62	4.34
MRBLD1CB164_COS		-1989.50	-253.70	67.30	37.56	11.94	-41.35	-33.58	12.69	-8.50	4.18	24.65	-8.81	-0.81	0.77	-3.61	-5.83
MRBLD1CB164_SIN		0.00	310.83	-37.69	77.19	161.99	-39.01	29.82	-2.13	-39.40	-52.36	31.29	11.10	2.46	2.74	11.01	-19.44
MRBLD1FB42P75_COS		2526.63	410.42	124.66	771.32	-32.46	-71.81	-103.88	-156.15	-81.64	-104.03	-18.47	11.68	-1.27	1.46	-2.52	37.55
MRBLD1FB42P75_SIN		0.00	-299.54	383.76	368.22	446.76	191.99	20.96	-206.08	-20.97	-55.97	-143.96	9.69	4.28	-4.72	-30.57	16.99
MRBLD1FB70_COS		620.56	101.73	37.45	218.24	-20.05	-18.02	-19.50	-15.89	-0.91	0.06	0.81	1.44	1.29	0.99	0.94	-6.90
MRBLD1FB70_SIN		0.00	-247.85	158.96	87.87	126.09	29.72	3.44	-29.46	4.88	6.09	3.73	2.30	1.89	1.76	6.19	-3.95
MRBLD1FB87_COS		65.26	115.95	-21.83	110.25	-20.01	-14.13	-1.55	12.29	12.30	19.75	6.53	-1.54	1.48	0.39	1.22	-7.57
MRBLD1FB87_SIN		0.00	-307.37	116.13	50.32	49.75	5.35	-3.48	17.63	1.40	10.77	34.16	-0.79	0.87	2.80	8.60	-0.76
MRBLD1FB120_COS		-305.63	144.60	-105.54	95.61	-11.38	-19.27	1.54	17.92	-5.87	-7.94	-8.02	-5.87	-5.49	-1.42	-1.69	12.54
MRBLD1FB120_SIN		0.00	-442.12	126.16	127.31	13.37	6.15	1.39	49.98	-2.64	-9.43	-16.53	-4.59	-5.35	-7.00	-14.16	1.00
MRBLD1FB164_COS		53.94	129.90	-3.79	81.54	72.76	51.70	30.94	-12.37	2.15	10.10	6.68	1.92	2.38	-2.08	-2.14	-6.85
MRBLD1FB164_SIN		0.00	-568.37	215.14	246.16	-47.82	-41.40	-20.63	-71.71	4.63	14.60	25.32	0.58	2.39	2.95	6.03	-1.20

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.62	-19.76	42.71	13.53	55.32	50.56	16.86	-17.50	4.15	29.15	10.91	-15.32	-14.22	-7.69	-2.29	15.03
MRBLD1FB180_SIN		0.00	-401.06	150.45	144.03	-48.11	-21.36	-12.99	-65.22	5.34	24.61	68.60	-8.32	-13.71	-11.45	-17.84	0.72
MRBLD1TOR51_COS		-1482.18	181.80	67.49	34.33	4.73	-18.79	10.68	-21.19	-6.56	1.15	-2.23	-2.73	-2.07	0.01	3.68	2.35
MRBLD1TOR51_SIN		0.00	-127.08	158.72	80.77	15.05	14.11	-23.95	-36.51	-0.54	1.45	10.14	-2.41	-5.36	-5.03	-5.02	3.66
MRBLD1TOR71_COS		-309.20	201.54	34.11	17.46	15.48	-6.88	19.35	-16.41	-3.12	3.76	-2.77	-3.11	-1.09	0.36	2.32	1.58
MRBLD1TOR71_SIN		0.00	-122.68	132.68	40.48	-11.77	12.21	-19.00	-20.68	2.16	3.65	15.33	-3.02	-4.24	-3.46	-2.14	2.54
MRBLD1TOR130_COS		-51.13	177.08	38.30	-9.73	22.69	0.30	16.63	-10.44	-0.96	0.42	8.76	-1.13	-0.75	-1.05	-2.74	-1.84
MRBLD1TOR130_SIN		0.00	-91.03	78.14	27.07	-26.76	5.03	-12.94	-22.93	0.48	-4.37	-0.22	2.37	2.41	2.42	3.22	-0.75
MRBLD1TOR164_COS		-273.06	94.56	29.51	-23.45	3.24	-6.24	2.81	-7.10	1.19	3.16	0.58	-1.18	0.15	-0.28	-1.04	-0.73
MRBLD1TOR164_SIN		0.00	-18.10	14.21	-26.75	-11.13	7.47	-6.29	-7.77	1.07	0.78	3.21	-2.58	-0.13	0.50	-0.02	-0.09
MRFBM2CB26P5_COS		1756.33	-1172.61	-246.66	-23.83	-52.97	-8.70	15.89	1.27	-0.51	-5.76	10.35	-0.16	0.61	0.37	-0.25	-1.01
MRFBM2CB26P5_SIN		0.00	-689.27	47.60	59.77	40.48	-5.28	2.56	-0.11	1.30	0.35	-13.42	1.34	0.15	0.18	-0.29	-0.36
MRFBM2FB9_COS		651.18	-25.90	275.60	46.00	-64.04	20.70	1.55	-11.05	-2.16	2.30	-0.69	-0.18	-0.18	-0.48	0.73	-0.72
MRFBM2FB9_SIN		0.00	-174.74	14.36	225.41	-30.65	-16.33	15.56	-5.49	-3.82	-2.48	2.90	0.68	0.33	-0.03	0.17	-1.41
MRFBM2TOR26P5_COS		-159.95	295.67	-3.03	1.22	-0.42	-0.34	0.91	0.20	0.14	0.18	-0.14	0.09	0.09	0.02	-0.03	0.07
MRFBM2TOR26P5_SIN		0.00	-6.43	1.07	-1.24	-0.47	0.24	0.05	-0.08	-0.05	0.01	0.13	0.16	0.06	0.12	-0.09	-0.05

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		454.68	-1272.13	423.40	-25.44	-105.13	-52.96	-62.83	-20.72	13.59	-10.89	5.70	10.84	1.95	-2.04	4.51	-1.54
MRPC1CB33P25_SIN		0.00	1387.26	5.79	59.01	156.71	-32.42	-21.90	-61.18	-2.51	0.73	-72.67	5.24	5.90	2.89	-5.09	20.01
MRPC1FB33P25_COS		1797.74	333.44	-23.31	597.93	-114.83	-110.01	-94.31	-41.10	-46.44	-42.90	73.06	6.83	-1.24	3.66	24.89	6.42
MRPC1FB33P25_SIN		0.00	-55.72	306.18	434.31	371.33	131.25	-14.36	-237.18	-61.61	-98.79	-120.04	14.32	1.74	-2.07	-19.74	46.46
MRPC1TOR25P5_COS		-361.84	-110.53	-98.36	1.46	-14.98	23.73	-12.78	20.88	9.12	2.38	12.76	5.07	3.09	-0.62	-4.71	-3.98
MRPC1TOR25P5_SIN		0.00	-137.77	-163.43	-73.83	3.44	-17.25	31.53	31.98	-2.59	-7.68	-18.44	4.81	9.95	8.40	9.15	2.22
MRPLK1LOAD_COS		-6.43	-18.32	-12.84	-1.58	-3.59	4.66	-2.91	3.25	2.39	0.44	2.32	0.17	0.36	-0.06	-0.96	-0.94
MRPLK1LOAD_SIN		0.00	-11.68	-22.77	-13.55	0.07	-2.84	4.50	4.90	-0.30	-0.91	-2.01	-0.23	1.27	1.32	1.44	0.55
PITCHRH_COS		8264.13	-9152.91	-437.69	125.40	2.92	-141.20	-25.27	-106.48	58.91	12.84	67.18	-7.83	11.93	32.33	-10.21	-139.17
PITCHRH_SIN		0.00	685.67	-743.61	-23.07	9.28	1058.91	49.12	60.08	4.82	-17.10	-304.22	37.98	-13.68	-1.89	1.88	53.18
ROLLRH_COS		3771.64	-692.70	838.48	-103.41	45.15	-2433.38	6.85	15.56	36.98	108.01	239.48	-29.74	13.57	-85.05	79.82	145.60
ROLLRH_SIN		0.00	-9223.31	-349.34	165.29	302.62	831.00	-170.57	-112.60	-2.55	-8.15	-17.25	-17.63	-10.29	24.66	-17.62	162.32
TORQ_COS		107678.60	492.37	-8.40	74.50	71.33	-28.45	5.14	8.08	-3.70	2.32	-21.86	-4.30	1.90	-1.86	-4.48	4.63
TORQ_SIN		0.00	1262.11	-69.76	132.70	-137.31	25.27	15.74	40.14	-4.89	-5.83	61.31	1.65	-7.19	6.14	-4.78	0.17
THRUST_COS		5831.37	-237.59	1.60	28.76	-4.69	44.21	5.23	15.18	1.12	-9.15	-8.49	-6.82	-2.09	0.10	-1.70	-13.55
THRUST_SIN		0.00	-258.90	6.60	-0.27	26.08	-87.01	11.04	7.71	-4.79	1.35	59.91	-2.93	0.49	0.75	6.28	-25.87

RUN	POINT	Harmonics															
55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-133.81	35.55	-17.76	2.21	-11.86	57.25	1.19	-0.31	-1.85	-4.36	-8.23	1.48	-0.58	2.29	-2.61	-3.94
SIDERH_SIN		0.00	214.09	-0.74	-4.22	-18.38	-135.67	-1.23	2.54	-0.12	1.31	-4.93	0.74	0.04	-0.74	0.35	-4.60
DRAGRH_COS		-113.33	215.79	12.87	0.70	15.45	75.64	-19.52	-2.70	-0.23	-2.80	-7.97	-0.20	-1.55	-0.52	0.44	6.47
DRAGRH_SIN		0.00	-29.12	14.55	-1.47	4.75	141.69	19.49	-1.90	-3.19	2.43	10.40	-1.95	1.00	-0.60	-0.02	-3.38

RUN	POINT	Harmonics															
55	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.00	-3.23	-8.70	-0.96	-0.74	-0.35	0.22	0.06	-0.34	0.08	-0.10	0.15	-0.10	0.04	-0.09	-0.02
ACT1FORCE_SIN		0.00	18.15	-2.22	-2.08	1.15	0.41	-0.28	0.53	0.07	0.06	-0.12	-0.07	0.08	-0.05	0.11	-0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		516.88	15.37	75.80	12.24	6.70	4.14	-4.04	-0.01	0.02	0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-141.00	17.32	22.10	-8.88	-4.74	5.73	-0.01	-0.03	0.01	0.01	0.02	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		288.55	-15.39	-75.93	-12.32	-6.70	-4.14	4.05	0.01	-0.02	-0.01	0.00	0.00	0.00	0.01	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	141.26	-17.32	-22.18	8.84	4.76	-5.73	-0.01	0.03	-0.01	-0.01	-0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-979.84	-2576.49	428.12	-59.58	-97.78	-74.77	-64.73	-11.61	20.05	-21.15	-1.52	10.03	-0.93	-6.10	0.68	-2.72
MRBLD1CB42P75_SIN		0.00	932.17	2.57	91.94	258.75	-90.88	-17.29	-58.14	12.01	33.41	-55.26	3.12	11.23	3.65	-8.96	19.61

RUN	POINT	Harmonics															
55	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4473.75	-1834.43	296.09	-121.54	-12.08	-109.51	-64.02	-7.22	18.26	-14.30	-21.52	8.45	1.07	-2.48	-1.66	2.48
MRBLD1CB70_SIN		0.00	698.98	-102.77	162.23	377.48	-137.35	48.91	-34.89	14.82	35.56	-10.54	-2.66	7.74	0.67	-11.76	25.99
MRBLD1CB120_COS		-262.00	-962.06	233.06	-10.87	60.39	-109.89	-45.33	16.94	-0.24	11.67	-1.86	-8.12	1.64	3.79	3.71	-1.98
MRBLD1CB120_SIN		0.00	586.45	-116.04	147.80	427.53	-113.32	77.67	-44.40	-21.95	-36.00	31.40	2.40	0.26	0.37	-0.73	3.16
MRBLD1CB164_COS		-1964.09	-297.46	47.01	44.50	21.22	-61.78	-19.04	16.49	-11.53	12.44	18.79	-7.44	0.55	0.85	-2.66	-0.75
MRBLD1CB164_SIN		0.00	233.00	-39.57	83.72	181.02	-46.26	38.57	-2.72	-32.14	-47.54	13.91	9.26	-0.15	2.66	11.27	-16.92
MRBLD1FB42P75_COS		2442.72	621.75	150.40	790.94	17.33	-90.13	-105.20	-141.95	-77.13	-90.23	-19.93	5.21	0.36	2.03	-5.20	31.52
MRBLD1FB42P75_SIN		0.00	-197.27	404.69	381.66	446.24	189.31	17.15	-206.88	-14.43	-57.69	-117.25	10.40	4.59	-2.57	-32.47	18.89
MRBLD1FB70_COS		592.94	95.25	54.13	226.35	-2.45	-23.16	-19.87	-14.40	-1.77	-0.87	0.38	0.91	0.60	0.44	1.00	-5.92
MRBLD1FB70_SIN		0.00	-257.80	157.66	92.00	127.78	28.25	3.71	-30.12	4.51	5.43	3.96	1.60	1.64	1.21	6.33	-4.54
MRBLD1FB87_COS		66.74	116.68	-6.96	114.60	-12.50	-13.49	-0.84	11.28	12.01	17.47	6.11	0.32	1.12	0.37	1.82	-6.17
MRBLD1FB87_SIN		0.00	-299.20	112.78	50.23	47.85	4.00	-2.64	16.49	0.09	10.50	27.09	-1.31	0.70	2.44	9.12	-1.12
MRBLD1FB120_COS		-276.72	149.58	-92.03	94.85	-16.33	-15.12	0.26	14.78	-5.78	-6.82	-7.19	-6.36	-3.97	-1.36	-2.59	10.15
MRBLD1FB120_SIN		0.00	-402.94	123.50	122.42	8.80	6.87	2.14	50.84	-3.46	-7.68	-14.00	-3.54	-4.81	-6.50	-14.46	1.65
MRBLD1FB164_COS		-58.65	174.47	17.94	85.47	48.11	52.89	33.17	-10.93	2.60	10.13	6.36	3.63	1.06	-1.96	-1.25	-5.46
MRBLD1FB164_SIN		0.00	-587.86	222.27	230.45	-47.70	-35.64	-17.87	-72.09	4.64	12.64	21.36	0.28	2.35	2.40	6.40	-0.94

RUN	POINT	Harmonics															
55	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-119.16	17.80	58.15	18.07	43.17	48.60	20.32	-15.74	6.16	27.59	10.72	-9.99	-12.10	-6.94	-3.15	11.87
MRBLD1FB180_SIN		0.00	-434.53	151.10	131.44	-46.23	-16.27	-9.55	-65.94	3.79	24.63	55.70	-7.49	-11.50	-10.31	-17.87	1.04
MRBLD1TOR51_COS		-1629.82	172.71	91.41	34.32	5.02	-17.55	15.93	-18.22	-5.33	2.49	-1.15	-2.30	-1.83	0.76	4.21	1.87
MRBLD1TOR51_SIN		0.00	-253.53	160.21	89.13	18.29	14.41	-28.87	-40.86	-1.57	1.68	10.20	-2.32	-4.83	-5.00	-4.72	2.28
MRBLD1TOR71_COS		-442.53	204.35	61.45	15.93	13.86	-5.21	23.34	-14.83	-1.95	4.65	-1.72	-2.64	-0.55	0.37	2.44	1.28
MRBLD1TOR71_SIN		0.00	-234.16	134.20	49.60	-9.81	13.55	-23.23	-25.35	0.87	3.96	14.07	-3.16	-3.95	-3.21	-1.99	1.67
MRBLD1TOR130_COS		-187.04	179.73	66.61	-11.46	19.20	1.09	20.05	-9.62	-0.02	1.87	7.41	-1.23	0.30	-1.83	-2.98	-1.48
MRBLD1TOR130_SIN		0.00	-207.66	81.36	34.65	-24.12	7.05	-16.44	-26.36	0.02	-3.27	1.47	1.10	2.11	2.59	2.68	0.00
MRBLD1TOR164_COS		-360.80	89.16	47.94	-25.19	5.33	-6.29	5.00	-6.83	1.94	2.92	0.96	-0.90	0.79	-1.02	-1.25	-0.60
MRBLD1TOR164_SIN		0.00	-106.04	14.81	-20.60	-7.46	7.43	-7.86	-9.79	0.74	1.40	3.04	-2.61	0.07	1.07	-0.72	0.54
MRFBM2CB26P5_COS		1697.17	-896.02	-227.09	-27.53	-51.98	-6.37	17.95	0.56	1.56	-5.44	10.86	-0.48	1.24	0.59	0.08	-0.43
MRFBM2CB26P5_SIN		0.00	-785.33	63.51	58.22	51.39	-10.26	-1.11	2.34	0.48	0.39	-12.39	0.87	0.07	0.43	-0.94	-0.50
MRFBM2FB9_COS		595.98	-68.47	249.05	40.75	-61.32	21.70	3.33	-8.92	-2.41	2.77	-1.86	0.30	-0.30	-0.41	0.91	-0.66
MRFBM2FB9_SIN		0.00	-15.16	11.24	253.24	-28.88	-20.79	16.71	-9.11	-3.31	-2.58	3.47	0.65	0.35	-0.13	0.35	-1.54
MRFBM2TOR26P5_COS		-164.74	290.22	-2.63	1.25	-0.23	-0.19	0.85	0.20	0.05	0.25	-0.21	0.10	0.10	-0.02	-0.03	0.09
MRFBM2TOR26P5_SIN		0.00	-1.54	1.35	-1.38	-0.25	0.31	-0.02	0.14	-0.09	0.00	0.09	0.22	0.03	0.10	-0.11	-0.05

RUN	POINT	Harmonics															
55	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		346.49	-1967.24	339.37	-23.11	-88.14	-51.93	-65.32	-14.22	17.62	-9.44	4.19	8.23	1.39	-3.30	3.57	-4.12
MRPC1CB33P25_SIN		0.00	952.75	-12.53	32.91	167.85	-41.13	-27.81	-52.54	-4.82	0.77	-53.70	3.87	6.62	2.35	-9.64	17.61
MRPC1FB33P25_COS		1730.28	500.69	-9.73	608.33	-76.28	-126.38	-92.85	-28.40	-45.12	-30.17	58.42	1.36	0.11	2.91	24.48	0.75
MRPC1FB33P25_SIN		0.00	43.45	330.89	448.50	382.58	122.17	-18.80	-231.70	-54.83	-93.15	-98.72	11.37	3.69	0.77	-22.55	41.91
MRPC1TOR25P5_COS		-219.54	-111.53	-123.73	2.77	-11.49	20.08	-18.69	18.55	8.83	1.47	10.44	4.17	3.70	-2.94	-5.86	-3.97
MRPC1TOR25P5_SIN		0.00	-5.35	-164.45	-82.51	2.29	-16.76	36.19	36.09	-1.70	-6.84	-15.66	4.13	9.49	8.62	7.52	4.02
MRPLK1LOAD_COS		12.20	-18.94	-15.83	-1.53	-3.13	4.09	-3.56	2.86	2.36	0.33	1.83	0.00	0.73	-0.56	-1.28	-0.92
MRPLK1LOAD_SIN		0.00	4.30	-22.88	-14.24	-0.63	-2.72	5.42	5.36	-0.28	-0.72	-1.44	-0.47	1.14	1.47	1.06	0.80
PITCHRH_COS		5027.40	-8513.36	-1575.08	213.44	-6.16	-311.61	138.43	-112.57	88.18	26.31	68.83	18.90	-14.15	11.48	-13.26	-137.30
PITCHRH_SIN		0.00	246.41	-978.89	56.04	-35.57	958.05	110.31	84.29	-15.46	-1.89	-275.39	15.38	-50.59	-4.01	28.09	40.76
ROLLRH_COS		1755.20	-244.62	1192.70	-133.14	72.02	-2515.68	-109.17	-4.25	63.57	99.03	206.56	22.48	14.15	-67.79	46.09	187.76
ROLLRH_SIN		0.00	-8590.17	-1683.34	210.25	-32.69	976.99	-172.20	-133.53	-13.74	-15.63	-13.61	11.56	-40.30	4.85	-2.44	234.46
TORQ_COS		105432.86	-2.42	-61.54	12.34	-35.21	-33.17	8.18	10.26	-7.10	-1.66	-19.28	-3.46	2.09	-2.72	-5.07	4.02
TORQ_SIN		0.00	1112.22	-43.02	208.50	-136.08	31.95	14.28	30.55	-0.62	-4.35	61.20	3.95	-3.36	5.69	-2.84	0.84
THRUST_COS		5630.58	18.96	-21.45	31.93	5.27	55.72	7.50	16.58	-0.53	-8.51	-10.44	-4.19	-1.96	-1.70	3.00	-10.41
THRUST_SIN		0.00	-254.89	-11.05	9.94	27.06	-83.71	10.94	2.10	-4.79	2.47	57.91	-3.29	0.51	1.04	3.96	-26.82

RUN	POINT	Harmonics															
55	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.65	30.31	-24.45	10.35	10.58	44.53	15.01	-1.12	-2.91	-4.21	-7.06	-0.86	-0.78	1.77	-1.59	-5.54
SIDERH_SIN		0.00	216.78	31.53	2.22	13.59	-139.91	-1.39	2.85	0.25	1.04	-5.37	0.31	1.03	-0.17	0.05	-6.61
DRAGRH_COS		-137.54	222.95	15.63	3.70	8.46	127.34	-26.35	-0.04	0.28	-3.27	-7.38	-0.30	0.66	0.44	0.88	7.37
DRAGRH_SIN		0.00	-31.75	-9.79	-5.14	-6.74	116.37	-19.71	3.83	-0.46	1.43	9.58	1.50	2.29	1.08	-1.10	-2.17

RUN	POINT	Harmonics															
55	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.90	-3.61	-8.84	-0.74	-0.35	-0.87	0.46	-0.02	-0.26	-0.08	-0.07	0.06	-0.06	0.03	-0.03	-0.06
ACT1FORCE_SIN		0.00	18.47	-2.35	-2.12	1.64	0.46	-0.47	0.75	0.15	0.09	-0.17	-0.04	0.04	0.00	0.04	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		617.90	18.90	77.70	11.25	4.23	7.74	-4.96	-0.01	0.02	0.02	0.00	-0.01	0.01	-0.01	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-143.42	16.33	23.60	-12.18	-3.36	7.29	-0.01	-0.03	0.01	0.03	0.01	0.01	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		187.36	-19.02	-77.80	-11.26	-4.24	-7.76	4.98	0.01	-0.01	-0.02	-0.01	0.01	-0.01	0.01	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	143.65	-16.44	-23.70	12.12	3.35	-7.26	-0.03	0.03	0.00	-0.03	-0.01	0.00	0.00	0.00	-0.01
MRBLD1CB42P75_COS		-997.31	-3043.08	376.80	-40.98	-15.89	-54.04	-71.72	-12.77	14.75	-6.81	-5.77	11.87	-1.32	-2.37	-0.81	4.16
MRBLD1CB42P75_SIN		0.00	783.09	-2.19	59.06	241.72	-97.04	1.63	-70.55	5.39	29.70	-58.48	5.96	16.17	7.14	-5.31	19.74

RUN	POINT	Harmonics															
55	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4462.15	-2132.64	222.39	-67.20	67.25	-78.95	-59.80	-3.54	16.21	-1.02	-24.11	9.49	0.27	0.66	-1.40	11.87
MRBLD1CB70_SIN		0.00	558.14	-109.84	118.67	357.66	-154.53	58.24	-47.57	8.19	32.09	-11.82	0.49	12.05	3.64	-6.84	23.55
MRBLD1CB120_COS		-291.22	-1072.09	169.38	39.02	105.62	-78.94	-35.50	15.43	-0.65	0.00	0.82	-8.52	3.09	3.72	3.50	-0.86
MRBLD1CB120_SIN		0.00	509.97	-127.19	88.21	404.73	-134.71	76.39	-50.68	-22.68	-34.95	31.02	2.74	-1.90	-0.32	-1.10	3.58
MRBLD1CB164_COS		-1951.12	-321.20	31.13	65.62	34.74	-48.90	-9.86	14.82	-12.50	-1.94	22.46	-7.07	2.75	-0.17	-1.50	-6.63
MRBLD1CB164_SIN		0.00	209.98	-43.96	51.63	171.92	-51.84	35.91	-0.22	-30.16	-44.55	14.10	6.65	-2.77	0.43	8.45	-15.44
MRBLD1FB42P75_COS		2378.69	739.85	213.35	723.16	19.22	-62.38	-96.51	-166.21	-85.47	-99.70	-23.29	8.38	0.68	5.89	-5.44	36.12
MRBLD1FB42P75_SIN		0.00	-177.01	435.84	214.50	364.52	182.58	38.25	-224.17	-8.97	-40.47	-122.37	11.60	5.71	-1.59	-23.77	9.34
MRBLD1FB70_COS		583.12	82.80	75.31	205.31	1.06	-17.72	-19.74	-18.83	-2.90	-0.02	0.63	1.23	1.08	0.28	1.27	-7.19
MRBLD1FB70_SIN		0.00	-253.70	164.32	39.18	105.24	26.36	9.06	-34.40	4.62	5.63	3.70	1.34	0.97	0.57	4.54	-2.92
MRBLD1FB87_COS		73.46	109.05	11.68	103.85	-10.49	-13.10	-1.40	13.10	13.10	19.31	7.27	-0.06	1.42	-0.24	2.25	-6.54
MRBLD1FB87_SIN		0.00	-293.69	116.71	20.88	41.18	5.27	-2.93	17.83	-0.99	7.44	27.87	-1.90	0.08	2.28	7.23	0.93
MRBLD1FB120_COS		-247.49	150.80	-71.35	90.76	-9.33	-18.28	3.62	21.90	-3.39	-7.31	-7.56	-6.32	-4.70	-1.20	-3.12	10.47
MRBLD1FB120_SIN		0.00	-387.62	130.98	90.58	12.07	13.28	-3.11	57.88	-1.98	-6.93	-13.25	-1.79	-3.62	-6.44	-11.26	-1.48
MRBLD1FB164_COS		-155.47	212.63	51.81	81.71	48.73	51.72	25.95	-20.48	-1.25	11.27	8.07	3.57	2.48	-2.71	-1.43	-5.75
MRBLD1FB164_SIN		0.00	-648.59	249.45	186.34	-32.19	-39.35	-17.45	-81.80	4.37	11.67	20.63	-1.13	1.51	2.93	5.33	0.73

RUN	POINT	Harmonics															
55	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.51	44.77	80.12	16.91	39.03	51.77	13.04	-25.33	3.26	30.86	13.90	-12.16	-14.23	-7.30	-3.80	13.69
MRBLD1FB180_SIN		0.00	-492.29	163.89	110.89	-39.95	-23.05	-4.70	-76.24	2.79	18.95	54.67	-8.29	-9.75	-8.23	-13.92	-2.50
MRBLD1TOR51_COS		-1776.07	172.10	131.39	27.14	4.68	-7.18	14.47	-20.39	-7.93	3.29	-0.73	-2.39	-3.12	0.22	2.98	3.10
MRBLD1TOR51_SIN		0.00	-381.93	175.04	79.47	12.41	17.08	-29.98	-43.91	-0.72	0.93	10.51	-1.70	-4.21	-4.33	-3.77	2.45
MRBLD1TOR71_COS		-576.32	210.19	100.26	8.66	10.09	2.04	21.95	-16.34	-3.89	5.37	-1.11	-2.88	-1.62	0.02	1.85	2.11
MRBLD1TOR71_SIN		0.00	-352.68	146.99	48.54	-12.08	16.26	-26.01	-26.74	1.40	2.60	14.53	-2.51	-3.88	-3.06	-1.64	1.72
MRBLD1TOR130_COS		-323.73	186.21	102.37	-15.06	13.83	6.19	18.71	-11.34	-2.09	0.79	8.12	-0.98	0.41	-1.16	-2.41	-1.90
MRBLD1TOR130_SIN		0.00	-330.89	91.27	42.49	-23.68	9.01	-18.60	-28.20	0.30	-4.12	0.65	1.99	1.80	2.72	2.65	0.00
MRBLD1TOR164_COS		-452.93	86.97	69.26	-28.10	1.98	-2.87	3.97	-7.96	1.43	2.93	0.66	-1.08	0.98	-0.77	-1.28	-0.71
MRBLD1TOR164_SIN		0.00	-192.99	15.85	-5.27	-10.35	9.55	-8.09	-10.29	0.84	0.31	2.50	-2.58	-0.14	1.14	-0.52	0.28
MRFBM2CB26P5_COS		1692.07	-874.51	-213.71	-18.56	-34.09	0.84	16.65	-0.72	0.68	-5.52	9.81	-0.75	1.46	0.14	-0.45	-0.92
MRFBM2CB26P5_SIN		0.00	-631.29	71.64	56.17	55.79	-4.98	-4.98	3.40	-1.36	1.51	-13.20	0.34	0.13	0.01	-0.72	-0.78
MRFBM2FB9_COS		614.24	-98.18	236.65	65.50	-50.98	19.41	7.24	-8.19	-4.19	2.66	-1.55	0.75	-0.57	-0.30	0.60	-1.03
MRFBM2FB9_SIN		0.00	-69.23	16.57	238.63	-21.38	-25.94	15.71	-12.56	-3.15	-3.44	4.24	0.88	0.39	0.03	-0.28	-1.14
MRFBM2TOR26P5_COS		-165.44	290.41	-2.08	1.16	-0.12	0.00	0.70	0.09	0.04	0.25	-0.22	0.15	0.10	0.03	-0.03	0.05
MRFBM2TOR26P5_SIN		0.00	-6.15	1.38	-1.48	-0.31	0.39	0.08	0.27	-0.15	-0.05	0.10	0.24	-0.02	0.10	-0.11	-0.05

RUN	POINT	Harmonics															
55	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		332.90	-2293.26	301.44	-29.01	-32.62	-40.02	-71.27	-18.94	15.08	-4.49	-0.68	8.90	1.63	-0.39	1.32	1.85
MRPC1CB33P25_SIN		0.00	900.95	-17.11	7.73	148.23	-44.02	-9.36	-58.70	-7.64	-2.43	-57.13	5.44	9.98	4.62	-7.28	18.15
MRPC1FB33P25_COS		1681.98	600.61	34.86	582.32	-53.02	-101.63	-92.81	-42.41	-54.99	-47.71	58.15	2.75	-0.73	5.31	17.64	12.14
MRPC1FB33P25_SIN		0.00	70.10	368.05	296.24	315.15	123.38	1.32	-254.82	-54.76	-86.94	-106.09	13.26	4.45	4.37	-17.20	41.58
MRPC1TOR25P5_COS		-67.71	-123.22	-165.15	11.77	-7.41	9.71	-16.72	21.15	10.74	-0.58	10.06	4.76	5.62	-1.40	-3.90	-3.86
MRPC1TOR25P5_SIN		0.00	127.93	-177.84	-78.69	5.90	-19.66	38.21	38.46	-2.89	-7.70	-17.38	4.47	8.54	8.14	6.70	3.81
MRPLK1LOAD_COS		32.35	-21.16	-21.28	-0.12	-2.62	2.37	-3.13	3.39	2.52	-0.02	1.89	-0.02	0.99	-0.23	-1.04	-0.95
MRPLK1LOAD_SIN		0.00	21.20	-24.83	-13.27	-0.06	-3.30	5.68	5.66	-0.53	-1.03	-1.69	-0.16	0.97	1.30	0.98	0.82
PITCHRH_COS		4775.97	-7923.44	-2900.70	326.38	-49.87	-195.80	133.06	-39.50	182.18	43.68	-19.00	21.25	-5.17	11.97	-12.49	-101.60
PITCHRH_SIN		0.00	-87.03	-1107.96	133.79	-93.69	1007.09	252.53	52.72	-71.10	-0.99	-264.19	-11.71	-51.87	17.84	28.17	87.94
ROLLRH_COS		1708.84	45.27	1414.12	-227.34	75.91	-2208.14	-101.61	-11.87	65.52	66.87	209.01	44.14	29.76	-42.71	14.47	196.52
ROLLRH_SIN		0.00	-7849.73	-3120.58	356.20	-285.55	1094.99	-279.71	-48.43	51.83	-45.84	-61.31	-1.41	-49.10	-15.24	-10.43	204.17
TORQ_COS		105183.46	-454.78	-108.49	-41.07	-157.71	-31.39	8.74	22.46	2.07	-4.90	-15.68	-2.19	-1.17	-0.59	-3.56	4.32
TORQ_SIN		0.00	979.00	-40.81	319.28	-114.48	48.73	12.49	21.54	-0.70	-2.93	63.19	6.17	-4.60	4.74	-1.74	0.00
THRUST_COS		5605.15	285.18	-48.62	45.51	16.29	45.69	12.28	19.64	-6.51	-6.53	-4.62	-2.41	-6.24	0.54	1.76	-16.65
THRUST_SIN		0.00	-252.86	-20.90	26.76	29.93	-90.39	14.30	-6.61	-0.12	2.41	60.01	-1.63	0.17	2.62	1.54	-22.78

RUN	POINT	Harmonics															
55	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.83	33.29	-22.71	9.78	39.50	30.18	14.70	0.05	-2.81	-2.73	-8.41	-1.58	-1.18	1.02	-0.66	-5.68
SIDERH_SIN		0.00	217.80	64.68	6.42	22.24	-134.90	3.61	2.48	-0.28	3.08	-3.18	0.85	1.47	0.36	0.22	-5.70
DRAGRH_COS		-139.26	235.30	27.26	7.70	0.60	110.28	-16.99	-1.75	-0.57	-3.98	-2.63	0.16	2.01	-0.73	0.54	5.06
DRAGRH_SIN		0.00	-38.23	-30.30	-11.49	-12.77	85.32	-13.02	3.36	-0.56	3.07	9.95	1.35	2.49	-0.30	-0.95	-4.92

RUN	POINT	Harmonics															
55	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		3.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-24.61	-4.60	-10.15	0.10	0.17	-0.84	0.49	-0.28	-0.33	-0.09	-0.04	0.07	0.08	0.06	0.02	-0.04
ACT1FORCE_SIN		0.00	19.14	-3.42	-3.41	2.05	0.35	-0.11	0.70	0.04	0.06	-0.23	-0.07	0.02	0.06	0.09	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		671.25	26.13	86.97	3.37	0.10	8.03	-6.86	-0.01	0.02	0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-147.59	25.02	32.30	-14.40	-3.42	3.83	0.01	-0.01	0.01	0.01	0.01	0.02	0.00	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		133.95	-26.31	-87.03	-3.29	-0.11	-8.04	6.85	0.03	-0.02	-0.02	0.01	0.00	-0.01	0.02	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	147.77	-25.22	-32.41	14.35	3.39	-3.77	-0.05	0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.01	0.02
MRBLD1CB42P75_COS		-995.88	-3587.29	349.11	-24.48	-6.19	-6.81	-76.80	10.68	15.64	-11.78	14.94	8.90	-5.67	-2.39	-1.58	-2.32
MRBLD1CB42P75_SIN		0.00	447.28	-23.27	39.92	230.60	-82.85	-8.92	-62.87	9.38	26.82	-49.30	14.09	15.87	10.05	-5.60	19.59

RUN	POINT	Harmonics															
55	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4470.08	-2497.88	165.16	-24.74	67.71	-9.01	-62.42	15.19	15.14	-7.59	-13.91	8.56	-4.51	1.14	-0.06	3.57
MRBLD1CB70_SIN		0.00	281.04	-135.75	85.29	356.32	-138.08	47.19	-46.60	13.66	33.16	-5.76	8.16	12.36	6.19	-6.85	25.36
MRBLD1CB120_COS		-294.07	-1219.90	100.70	78.23	92.18	-20.24	-37.65	27.22	5.24	7.26	-8.45	-7.62	3.69	3.78	3.50	-2.13
MRBLD1CB120_SIN		0.00	366.27	-149.31	64.33	411.74	-126.72	74.72	-54.58	-17.71	-29.03	27.38	-2.20	-1.81	0.21	0.31	2.76
MRBLD1CB164_COS		-1929.59	-356.88	9.43	82.56	24.90	-27.40	-9.71	12.24	-4.32	9.09	15.04	-7.87	4.52	-0.90	-2.69	-0.65
MRBLD1CB164_SIN		0.00	161.11	-52.51	41.15	176.43	-53.31	38.91	-3.28	-29.03	-39.86	11.72	0.33	-2.38	-1.05	7.21	-16.03
MRBLD1FB42P75_COS		2277.71	895.27	261.07	671.41	-8.37	-53.03	-108.18	-101.91	-66.05	-78.68	13.08	4.50	3.05	8.82	-1.36	29.55
MRBLD1FB42P75_SIN		0.00	-130.84	493.53	204.04	338.65	160.04	27.12	-244.22	-22.53	-53.59	-122.88	16.64	4.29	2.21	-17.01	20.24
MRBLD1FB70_COS		561.63	84.40	93.93	193.20	-5.30	-11.30	-23.82	-9.83	-2.84	-1.56	-0.68	0.50	-0.04	-0.64	0.67	-5.37
MRBLD1FB70_SIN		0.00	-261.41	176.85	30.75	98.13	20.33	6.94	-36.58	3.86	5.91	3.84	1.14	1.35	0.25	3.45	-4.88
MRBLD1FB87_COS		74.94	113.89	25.15	98.54	-12.59	-11.71	-0.50	6.76	10.94	15.54	-1.20	0.76	0.72	-1.49	0.70	-6.39
MRBLD1FB87_SIN		0.00	-291.60	121.89	11.36	38.93	1.90	-2.58	19.03	0.50	10.23	27.94	-3.11	0.39	1.28	5.75	-1.60
MRBLD1FB120_COS		-222.53	164.98	-52.79	84.25	-7.43	-25.21	7.49	8.03	-5.45	-5.43	-3.36	-5.67	-2.43	1.05	-0.70	9.56
MRBLD1FB120_SIN		0.00	-368.88	134.25	70.33	12.17	10.40	-3.50	60.22	-2.51	-8.23	-14.14	-1.91	-4.67	-5.31	-9.52	1.98
MRBLD1FB164_COS		-260.62	275.01	87.95	64.12	48.78	39.94	26.70	-0.85	-0.23	8.09	0.95	3.88	1.71	-3.95	-2.55	-5.36
MRBLD1FB164_SIN		0.00	-690.59	276.86	166.29	-25.78	-28.87	-16.24	-84.12	5.34	13.64	22.28	-0.98	2.33	2.35	3.10	-1.15

RUN	POINT	Harmonics															
55	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-325.17	91.56	102.76	5.46	37.45	46.92	10.35	-7.13	3.28	23.74	-1.44	-9.57	-10.78	-4.64	-0.60	13.06
MRBLD1FB180_SIN		0.00	-538.68	178.09	104.73	-37.79	-13.19	-4.38	-77.69	4.57	23.68	57.35	-10.67	-12.28	-9.00	-12.69	2.22
MRBLD1TOR51_COS		-1922.58	182.93	163.62	10.47	0.59	-2.89	13.09	-8.28	-8.34	3.71	-4.34	-2.20	-1.96	1.28	4.08	1.49
MRBLD1TOR51_SIN		0.00	-505.12	197.52	86.04	7.22	23.03	-32.48	-43.35	-3.73	1.63	10.61	-2.08	-4.54	-4.48	-2.26	3.31
MRBLD1TOR71_COS		-711.18	227.25	133.01	-5.66	6.97	2.52	20.61	-8.49	-5.04	5.40	-5.71	-2.15	-0.76	1.31	2.34	1.04
MRBLD1TOR71_SIN		0.00	-464.85	166.56	57.44	-15.10	22.01	-27.37	-27.00	-1.41	3.27	13.50	-2.83	-4.38	-3.14	-0.83	2.09
MRBLD1TOR130_COS		-460.56	202.69	136.23	-25.53	10.84	5.52	16.66	-3.41	-2.12	2.36	8.08	-1.53	-0.46	-0.84	-3.40	-1.58
MRBLD1TOR130_SIN		0.00	-446.45	108.02	53.66	-25.06	14.35	-19.75	-28.24	-0.33	-3.19	2.01	2.72	0.81	2.82	1.48	-0.60
MRBLD1TOR164_COS		-542.61	89.77	90.96	-33.12	-0.08	-0.76	1.76	-4.67	1.34	2.66	0.50	-0.21	0.65	-0.70	-1.93	-0.39
MRBLD1TOR164_SIN		0.00	-277.79	22.44	6.68	-12.01	11.82	-9.15	-11.33	1.38	1.33	2.27	-1.38	0.05	1.71	-1.28	-0.13
MRFBM2CB26P5_COS		1693.85	-794.92	-214.97	-12.80	-36.14	4.65	16.70	-1.74	0.69	-6.08	12.78	-1.58	1.49	0.17	-0.09	-0.79
MRFBM2CB26P5_SIN		0.00	-612.15	76.08	49.96	59.08	4.29	-6.74	7.75	-3.05	0.30	-11.58	-0.39	0.66	-0.02	-0.51	-1.28
MRFBM2FB9_COS		608.14	-110.93	237.65	51.46	-45.48	20.94	7.06	-7.80	-4.03	3.46	-3.13	0.77	-0.62	-0.29	0.31	-0.60
MRFBM2FB9_SIN		0.00	-35.85	22.61	248.57	-23.47	-26.22	17.53	-16.33	-3.17	-3.33	4.53	1.22	0.09	0.08	-0.23	-1.09
MRFBM2TOR26P5_COS		-165.95	290.55	-1.89	1.35	0.18	0.14	0.59	0.05	0.04	0.22	-0.24	0.08	0.11	0.00	0.04	0.05
MRFBM2TOR26P5_SIN		0.00	-0.73	1.53	-1.78	-0.32	0.47	0.28	0.34	-0.14	-0.02	0.10	0.19	0.01	0.06	-0.10	0.00

RUN	POINT	Harmonics															
55	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		307.80	-2660.09	279.88	-27.70	-25.83	-15.70	-76.18	0.62	19.72	-3.43	15.30	6.23	-0.89	-0.25	1.24	-3.57
MRPC1CB33P25_SIN		0.00	729.84	-36.90	-8.91	132.65	-42.17	-13.85	-53.43	-2.69	-2.01	-51.82	10.63	10.36	8.22	-6.61	16.85
MRPC1FB33P25_COS		1606.97	725.36	64.26	543.27	-70.81	-86.39	-97.76	19.49	-31.73	-23.03	86.77	-2.96	1.98	4.68	13.91	-2.26
MRPC1FB33P25_SIN		0.00	120.92	420.17	280.86	290.31	108.80	-12.12	-245.66	-55.20	-85.13	-83.84	15.77	6.10	9.72	-10.34	41.20
MRPC1TOR25P5_COS		78.07	-136.75	-198.15	29.42	-2.09	6.35	-16.43	11.53	12.79	1.25	16.37	3.90	2.47	-1.62	-7.14	-3.84
MRPC1TOR25P5_SIN		0.00	255.69	-200.80	-85.99	11.21	-24.50	40.16	37.33	1.00	-7.13	-15.44	7.49	8.61	9.18	4.34	1.46
MRPLK1LOAD_COS		52.29	-23.79	-25.30	2.52	-2.00	1.77	-2.96	2.11	2.65	0.20	2.54	0.13	0.55	-0.03	-1.59	-0.98
MRPLK1LOAD_SIN		0.00	36.68	-27.98	-13.88	0.45	-3.97	5.68	5.47	0.25	-0.88	-1.40	0.42	0.88	1.58	0.38	0.21
PITCHRH_COS		3432.04	-7269.68	-4028.26	379.82	-80.70	-319.02	46.86	-50.23	156.71	57.07	53.95	33.48	-6.09	-2.01	-28.71	-119.91
PITCHRH_SIN		0.00	-726.37	-1513.62	228.46	-139.90	899.96	260.24	17.41	39.48	17.66	-225.59	-56.11	-35.50	24.02	19.59	52.01
ROLLRH_COS		1166.78	691.23	1927.46	-310.65	150.23	-2191.21	-36.76	17.50	60.63	77.21	201.98	72.38	59.55	-41.12	-6.49	106.89
ROLLRH_SIN		0.00	-7100.01	-4264.60	433.08	-493.60	909.66	-326.76	-22.89	27.09	-26.85	26.77	-0.72	-42.41	0.00	-21.29	229.82
TORQ_COS		104864.01	-948.19	-141.94	-137.55	-216.68	-58.12	10.72	18.82	3.78	-5.67	-25.48	-0.13	-0.12	-2.33	-1.60	4.04
TORQ_SIN		0.00	765.50	-90.75	408.48	-95.13	24.31	9.98	0.88	3.57	-3.11	62.41	5.55	-5.63	4.30	-2.81	0.54
THRUST_COS		5518.63	584.22	-70.09	49.15	17.72	46.21	11.87	20.70	-6.30	-6.64	-19.51	0.33	-7.55	0.43	-0.11	-7.54
THRUST_SIN		0.00	-222.58	-37.56	47.49	31.71	-84.53	14.37	-10.38	0.85	-0.33	54.91	2.42	-2.09	1.44	2.90	-24.96

RUN	POINT	Harmonics															
55	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.91	22.76	-27.08	5.28	59.26	35.56	9.66	0.10	-2.91	-3.27	-6.36	-3.20	-2.01	0.79	0.03	-3.14
SIDERH_SIN		0.00	225.28	85.50	8.67	37.43	-134.48	9.09	1.71	-1.00	2.11	-6.24	0.31	1.65	-0.27	0.22	-6.57
DRAGRH_COS		-150.74	248.46	46.21	10.73	-6.26	115.87	-14.80	-2.68	1.68	-4.51	-6.15	-0.60	1.23	0.27	0.90	6.05
DRAGRH_SIN		0.00	-36.99	-45.69	-16.42	-17.51	84.64	-5.62	2.19	-2.90	1.73	6.70	4.27	2.67	-1.19	-0.96	-3.33

RUN	POINT	Harmonics															
55	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.44	-1.74	-7.81	-0.58	-1.06	-0.34	0.25	-0.02	-0.14	-0.03	0.11	0.05	-0.05	-0.01	-0.03	-0.02
ACT1FORCE_SIN		0.00	15.92	-1.47	-1.99	1.65	0.39	0.03	0.32	0.18	-0.01	-0.10	-0.01	-0.01	0.08	0.04	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		255.91	4.09	69.67	8.95	11.35	3.25	-1.38	-0.01	0.01	0.02	-0.01	-0.01	0.00	0.00	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-120.96	9.10	22.26	-10.54	-2.75	4.33	-0.02	-0.03	-0.01	0.03	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		549.99	-3.87	-69.88	-9.11	-11.29	-3.24	1.33	0.01	0.00	-0.02	0.01	0.01	0.00	0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	121.25	-8.86	-22.32	10.59	2.78	-4.35	0.00	0.02	0.01	-0.02	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-841.29	-1142.08	536.70	-73.53	-175.10	-101.56	-70.01	-8.89	12.61	-18.51	-3.47	16.16	-2.25	-6.13	-1.55	-1.03
MRBLD1CB42P75_SIN		0.00	1602.03	-17.40	123.08	247.54	-64.79	-19.39	-65.56	21.77	49.26	-82.55	0.50	8.07	6.54	-4.13	24.49

RUN	POINT	Harmonics															
55	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4509.09	-934.13	405.97	-168.87	-84.23	-144.04	-86.37	-15.10	10.46	-6.60	-23.06	10.53	0.61	-3.46	-3.87	9.35
MRBLD1CB70_SIN		0.00	1227.40	-115.83	214.73	343.82	-101.83	39.04	-39.79	20.39	49.73	-33.76	-5.46	1.76	1.30	-9.13	32.23
MRBLD1CB120_COS		-188.19	-625.46	317.98	-45.76	15.65	-125.47	-73.51	-1.09	2.59	9.20	2.34	-10.40	3.04	3.63	3.50	-0.78
MRBLD1CB120_SIN		0.00	879.35	-120.27	182.59	389.57	-81.26	66.60	-51.71	-33.42	-45.70	45.05	5.17	1.28	-0.65	-1.81	4.03
MRBLD1CB164_COS		-2002.31	-220.97	72.73	34.22	6.80	-69.50	-32.48	7.70	-7.47	5.35	20.85	-9.63	0.99	1.97	-0.43	-6.11
MRBLD1CB164_SIN		0.00	317.92	-38.04	96.10	167.33	-36.21	32.08	-6.79	-44.23	-60.27	31.72	12.15	4.53	1.92	11.14	-22.40
MRBLD1FB42P75_COS		2596.45	269.79	75.51	871.42	-12.23	-76.49	-103.17	-148.94	-83.55	-104.25	-32.26	12.96	2.71	-2.40	-6.32	41.81
MRBLD1FB42P75_SIN		0.00	-268.48	351.63	364.75	497.49	202.66	36.18	-204.61	-25.66	-52.93	-127.95	4.09	4.83	-4.19	-28.45	19.73
MRBLD1FB70_COS		629.44	103.70	20.06	249.04	-19.54	-21.06	-19.22	-13.39	-0.12	1.26	1.31	1.67	1.22	1.37	1.45	-7.50
MRBLD1FB70_SIN		0.00	-241.76	152.12	91.77	141.29	33.13	5.53	-30.43	3.60	6.15	3.05	1.65	1.48	1.49	5.31	-4.90
MRBLD1FB87_COS		59.81	115.07	-30.19	127.44	-21.76	-13.83	-1.73	12.11	12.86	20.14	9.66	-1.79	0.79	1.02	1.91	-8.40
MRBLD1FB87_SIN		0.00	-307.42	116.52	57.85	54.68	5.28	-4.28	17.17	1.59	9.67	30.94	1.01	1.31	3.09	8.59	-0.78
MRBLD1FB120_COS		-336.21	136.80	-107.45	111.26	-13.70	-18.14	0.04	13.33	-8.12	-9.86	-10.13	-5.69	-4.79	-2.48	-2.87	12.99
MRBLD1FB120_SIN		0.00	-461.35	128.49	145.61	15.11	4.85	0.76	50.84	-1.53	-8.83	-15.16	-5.03	-5.85	-7.51	-14.11	1.10
MRBLD1FB164_COS		139.61	85.37	-21.00	96.53	76.64	59.34	39.24	-6.95	6.94	12.33	9.53	2.04	1.24	-1.06	-1.50	-7.28
MRBLD1FB164_SIN		0.00	-504.63	197.04	263.47	-63.21	-41.41	-18.27	-71.77	3.26	14.07	23.47	1.43	2.96	2.91	6.04	-0.79

RUN	POINT	Harmonics															
55	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		92.67	-50.82	27.54	18.17	57.81	55.35	24.36	-10.36	8.91	32.29	17.37	-17.32	-15.03	-9.32	-3.78	16.11
MRBLD1FB180_SIN		0.00	-336.61	140.62	150.44	-57.20	-21.74	-10.91	-66.13	4.63	24.52	64.11	-3.82	-11.91	-11.60	-16.82	1.17
MRBLD1TOR51_COS		-1343.45	172.18	32.29	45.22	16.12	-25.82	1.21	-17.35	-4.29	2.32	0.36	-2.99	-2.23	-0.48	3.61	2.61
MRBLD1TOR51_SIN		0.00	-4.44	144.29	71.38	20.03	9.04	-26.27	-35.82	-1.08	2.33	9.84	-1.87	-4.80	-6.02	-5.35	4.30
MRBLD1TOR71_COS		-179.31	185.99	0.26	24.73	26.35	-10.79	11.21	-12.90	-1.23	4.37	0.49	-3.66	-1.63	0.21	2.34	1.65
MRBLD1TOR71_SIN		0.00	-7.20	121.25	29.28	-10.68	6.89	-22.18	-20.15	2.35	3.82	14.98	-2.37	-3.74	-3.67	-2.32	2.84
MRBLD1TOR130_COS		80.89	163.69	6.24	-8.92	32.65	-1.83	10.49	-7.51	0.46	0.27	9.68	-0.46	-1.33	-0.54	-2.65	-1.84
MRBLD1TOR130_SIN		0.00	28.11	68.78	14.18	-28.50	1.35	-16.75	-22.05	0.94	-4.52	0.00	2.14	2.77	3.51	3.20	-1.03
MRBLD1TOR164_COS		-181.95	92.43	7.61	-26.71	7.61	-7.55	-1.17	-5.07	1.65	2.81	1.82	-1.38	-0.27	0.15	-1.25	-0.54
MRBLD1TOR164_SIN		0.00	66.62	12.51	-38.35	-11.29	5.45	-8.90	-7.74	1.65	0.77	3.31	-2.39	-0.14	1.18	-0.11	-0.50
MRFBM2CB26P5_COS		1681.22	-1090.35	-238.63	-30.04	-56.26	-11.68	16.93	6.13	-0.25	-5.44	8.21	0.02	1.01	0.97	-0.01	-0.93
MRFBM2CB26P5_SIN		0.00	-768.16	45.74	65.77	36.15	-11.41	4.07	-0.86	3.63	0.33	-12.99	1.72	0.04	0.78	-0.70	-0.27
MRFBM2FB9_COS		605.62	-57.81	277.31	61.15	-76.51	20.73	1.39	-12.95	-0.74	1.58	0.00	-0.22	-0.06	-0.58	1.00	-0.74
MRFBM2FB9_SIN		0.00	-135.83	8.20	220.20	-29.36	-13.24	13.90	-1.86	-4.51	-2.23	2.56	0.46	0.56	-0.13	0.48	-1.58
MRFBM2TOR26P5_COS		-164.57	290.61	-3.31	0.97	-0.12	-0.55	0.84	0.30	0.19	0.18	-0.18	0.15	0.10	0.01	-0.06	0.07
MRFBM2TOR26P5_SIN		0.00	-1.68	1.27	-1.04	-0.55	0.16	0.06	-0.27	0.00	-0.05	0.14	0.15	0.03	0.09	-0.10	-0.05

RUN	POINT	Harmonics															
55	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		435.95	-824.04	456.60	-6.74	-136.83	-63.23	-61.27	-12.43	12.62	-13.35	3.47	13.02	0.92	-3.76	2.06	-1.74
MRPC1CB33P25_SIN		0.00	1349.50	-33.19	51.27	175.67	-22.37	-23.42	-63.19	-0.94	7.67	-68.68	1.85	4.90	4.64	-5.22	22.69
MRPC1FB33P25_COS		1860.67	213.93	-59.37	682.13	-112.08	-118.78	-98.59	-35.69	-47.02	-45.49	54.10	11.37	0.94	1.14	20.74	5.63
MRPC1FB33P25_SIN		0.00	-38.63	271.90	449.54	419.78	138.99	-2.65	-233.92	-66.26	-97.25	-116.42	12.01	4.91	-3.77	-20.57	51.83
MRPC1TOR25P5_COS		-522.01	-85.30	-62.28	-7.93	-29.16	30.97	-1.94	17.66	5.85	-0.21	10.36	6.51	2.23	0.18	-5.04	-4.57
MRPC1TOR25P5_SIN		0.00	-256.28	-149.82	-63.55	0.26	-10.54	32.70	31.44	-1.15	-8.65	-17.69	4.01	9.67	10.64	9.02	1.85
MRPLK1LOAD_COS		-27.24	-14.10	-8.10	-3.07	-5.76	6.09	-1.54	2.86	1.90	-0.16	2.22	0.38	0.01	0.17	-1.02	-1.09
MRPLK1LOAD_SIN		0.00	-27.09	-20.97	-12.12	-0.41	-1.73	4.43	4.83	0.01	-1.04	-1.82	-0.43	1.20	1.82	1.44	0.45
PITCHRH_COS		8795.77	-9755.93	684.44	76.85	-2.24	-74.89	40.88	-133.94	6.73	-37.15	104.81	-8.74	25.39	0.69	11.19	-144.31
PITCHRH_SIN		0.00	1112.40	-582.75	-125.57	-5.64	1208.85	-40.37	-31.82	50.43	-24.83	-300.81	10.35	-10.14	-4.97	-0.02	67.61
ROLLRH_COS		2715.35	-999.84	624.00	22.65	38.89	-2569.36	-160.48	25.89	33.81	118.02	251.64	-35.09	14.00	-48.82	74.47	116.58
ROLLRH_SIN		0.00	-9949.51	883.45	79.12	470.07	881.10	-0.68	-117.36	-26.91	-14.50	22.80	-4.50	-0.72	39.57	-21.78	154.32
TORQ_COS		106221.77	923.41	51.32	161.90	167.99	-17.44	5.19	-16.88	-12.06	5.81	-15.25	-5.04	2.09	-3.03	-5.23	5.10
TORQ_SIN		0.00	1356.36	-104.78	9.31	-167.36	25.77	20.54	38.24	-7.90	-6.39	57.33	0.39	-6.53	5.86	-4.69	-0.28
THRUST_COS		5798.84	-458.95	21.01	20.13	-11.89	48.76	9.42	4.68	4.91	-5.86	-3.40	-7.42	-6.63	1.90	-0.95	-14.24
THRUST_SIN		0.00	-269.25	9.36	-22.43	24.38	-89.65	1.38	18.73	-5.14	2.38	53.81	-8.57	5.85	0.78	4.05	-25.77

RUN	POINT	Harmonics															
55	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.55	34.63	-25.42	1.76	-24.51	57.18	10.41	-1.17	-2.10	-5.15	-9.04	1.63	-0.84	1.11	-2.27	-3.11
SIDERH_SIN		0.00	214.02	-23.98	-2.18	-20.50	-141.72	-3.46	3.24	0.39	1.43	-6.75	0.31	-0.15	-0.99	0.52	-4.08
DRAGRH_COS		-97.95	207.13	7.91	-4.61	22.79	104.12	-17.52	0.14	-0.12	0.14	-10.32	-0.19	-1.82	1.16	0.11	7.32
DRAGRH_SIN		0.00	-27.06	33.97	2.20	6.15	133.53	-5.72	1.95	-2.43	4.71	12.86	-0.83	1.95	0.28	0.58	-3.72

RUN	POINT	Harmonics															
55	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-44.44	-0.69	-6.69	-0.53	-1.44	-0.48	0.30	-0.02	-0.06	-0.12	0.05	0.08	-0.07	0.02	0.02	-0.11
ACT1FORCE_SIN		0.00	14.10	-0.97	-1.69	2.01	0.20	0.08	0.24	0.22	0.09	-0.13	-0.10	0.07	0.03	0.08	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		169.24	-3.01	58.22	8.17	13.27	5.07	-1.78	-0.01	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-107.89	4.67	21.45	-15.99	-1.00	0.84	0.00	-0.02	-0.01	0.01	0.00	0.00	-0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		636.88	3.27	-58.46	-8.34	-13.14	-5.09	1.76	0.02	0.01	0.01	0.00	0.01	0.00	0.01	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	108.22	-4.41	-21.53	16.12	1.07	-0.87	-0.01	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-839.17	-163.61	577.53	-94.59	-214.91	-107.22	-63.64	-23.53	24.23	-18.72	-24.28	24.19	-1.20	-5.87	4.86	1.69
MRBLD1CB42P75_SIN		0.00	2077.32	-117.88	151.45	233.49	-43.82	-9.77	-63.21	28.77	48.25	-103.34	9.78	7.70	10.11	-10.19	24.59

RUN	POINT	Harmonics															
55	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4506.39	-337.23	470.16	-202.19	-105.72	-138.04	-91.11	-33.52	18.84	-3.03	-35.83	15.81	2.77	-3.91	1.88	12.07
MRBLD1CB70_SIN		0.00	1601.47	-182.09	262.07	312.32	-81.22	55.32	-23.87	23.28	45.59	-47.90	-0.50	-0.17	2.83	-15.07	30.54
MRBLD1CB120_COS		-149.98	-407.98	375.31	-76.50	20.42	-107.86	-92.53	-30.40	-8.94	6.43	16.85	-10.40	4.53	4.74	4.34	0.29
MRBLD1CB120_SIN		0.00	1086.07	-152.18	222.57	355.48	-76.46	84.88	-23.14	-39.94	-50.10	55.32	1.57	0.80	-1.72	-0.83	3.93
MRBLD1CB164_COS		-2029.06	-169.36	92.37	24.94	10.27	-61.80	-42.19	-0.85	-17.52	2.64	30.47	-9.62	0.31	4.40	-3.43	-6.26
MRBLD1CB164_SIN		0.00	373.04	-43.11	112.31	153.20	-38.62	37.23	0.77	-48.40	-59.16	43.98	8.87	4.69	2.42	15.08	-18.79
MRBLD1FB42P75_COS		2701.92	45.83	61.20	915.48	-34.42	-64.00	-108.58	-192.84	-94.39	-127.98	-53.77	23.95	0.43	-1.48	-14.49	44.08
MRBLD1FB42P75_SIN		0.00	-332.96	345.40	387.49	551.26	191.96	49.50	-142.89	-19.77	-50.52	-145.42	-2.74	2.93	-9.00	-46.82	13.44
MRBLD1FB70_COS		646.97	112.28	7.09	262.63	-28.50	-17.53	-19.31	-19.69	1.85	1.58	1.10	2.32	1.90	1.37	3.26	-7.90
MRBLD1FB70_SIN		0.00	-240.07	153.53	102.04	156.96	31.49	8.09	-20.90	4.15	6.22	3.17	1.78	1.27	2.04	9.08	-3.52
MRBLD1FB87_COS		56.51	116.08	-42.47	138.51	-23.60	-12.57	-1.43	16.14	14.47	25.14	15.66	-4.58	1.73	1.50	3.91	-8.67
MRBLD1FB87_SIN		0.00	-316.66	122.77	64.25	62.85	6.01	-4.42	12.17	0.94	9.42	34.99	2.22	1.55	3.91	12.55	0.19
MRBLD1FB120_COS		-359.38	129.69	-121.68	129.31	-12.70	-19.75	0.68	22.05	-9.26	-12.46	-12.82	-6.35	-6.96	-3.29	-5.90	13.16
MRBLD1FB120_SIN		0.00	-492.16	133.85	155.27	14.28	4.00	-0.91	36.98	-1.55	-8.61	-16.14	-5.45	-6.02	-8.89	-20.26	-0.54
MRBLD1FB164_COS		249.70	36.61	-48.62	108.77	85.50	53.65	35.70	-19.71	7.93	15.37	11.93	-0.04	2.19	-1.45	-0.30	-8.73
MRBLD1FB164_SIN		0.00	-458.00	186.82	282.70	-89.20	-44.22	-18.78	-55.34	5.02	13.48	25.67	1.63	2.92	3.66	9.67	-0.15

RUN	POINT	Harmonics															
55	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		203.35	-89.86	8.28	19.93	63.52	52.13	22.19	-23.73	9.23	39.08	24.58	-26.89	-20.58	-11.18	-7.64	17.07
MRBLD1FB180_SIN		0.00	-283.92	135.67	161.56	-74.70	-24.46	-10.44	-49.44	4.77	22.29	69.46	-4.55	-11.74	-13.80	-24.75	-0.99
MRBLD1TOR51_COS		-1196.83	175.19	3.10	45.21	16.68	-26.97	-4.32	-23.24	-3.83	1.72	-0.10	-4.82	-3.12	-0.35	4.70	3.08
MRBLD1TOR51_SIN		0.00	133.89	138.58	63.65	24.59	13.45	-26.20	-23.22	0.76	2.38	10.64	-3.73	-5.93	-7.59	-7.89	4.17
MRBLD1TOR71_COS		-46.13	176.94	-31.12	24.66	28.44	-11.57	6.96	-14.84	-0.56	4.46	0.99	-5.97	-2.69	0.59	3.51	2.06
MRBLD1TOR71_SIN		0.00	116.12	118.58	18.00	-8.53	10.29	-23.04	-10.05	3.81	4.45	17.17	-4.17	-4.07	-4.61	-3.74	3.03
MRBLD1TOR130_COS		215.36	155.73	-26.79	-10.95	35.91	-2.48	7.74	-10.44	0.93	-0.75	10.32	-0.29	-2.24	-0.33	-2.34	-1.99
MRBLD1TOR130_SIN		0.00	157.31	65.18	1.61	-30.46	4.47	-17.20	-13.87	1.21	-4.93	-0.92	2.71	4.07	4.31	4.07	-0.69
MRBLD1TOR164_COS		-91.80	93.92	-15.51	-29.44	7.41	-6.33	-2.19	-5.89	2.39	2.69	2.48	-2.08	-0.98	0.04	-0.99	-0.08
MRBLD1TOR164_SIN		0.00	162.95	13.15	-51.58	-10.24	8.19	-7.50	-4.65	1.13	0.19	3.77	-2.72	0.06	1.88	-0.76	-0.71
MRFBM2CB26P5_COS		1650.40	-1233.31	-251.01	-29.14	-61.04	-11.94	16.90	9.80	0.07	-4.78	3.92	0.06	0.19	0.74	0.46	-1.49
MRFBM2CB26P5_SIN		0.00	-751.22	39.95	72.04	31.00	-9.52	6.87	-6.76	6.46	0.11	-13.90	1.39	-0.18	1.00	-1.17	-0.16
MRFBM2FB9_COS		615.43	-41.62	296.40	66.91	-85.20	19.39	-0.80	-12.26	-0.46	0.89	1.24	-0.08	-0.04	-0.42	0.41	-0.60
MRFBM2FB9_SIN		0.00	-217.90	5.95	199.85	-25.01	-7.36	12.64	7.55	-4.52	-1.96	1.00	0.29	0.85	0.09	1.04	-1.75
MRFBM2TOR26P5_COS		-164.68	290.76	-3.48	0.86	-0.22	-0.83	0.98	0.23	0.18	0.18	-0.13	0.16	0.15	0.02	-0.07	0.09
MRFBM2TOR26P5_SIN		0.00	-5.11	1.31	-0.94	-0.54	0.18	-0.15	-0.46	-0.09	-0.03	0.08	0.18	0.01	0.10	-0.08	-0.04

RUN	POINT	Harmonics															
55	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		425.87	40.04	481.21	-7.16	-164.95	-69.17	-53.84	-26.83	16.56	-19.05	-10.03	21.53	0.35	-3.59	7.05	1.28
MRPC1CB33P25_SIN		0.00	1617.52	-141.50	66.10	173.77	-4.07	-15.38	-64.25	1.21	4.84	-82.20	6.65	3.71	5.87	-11.02	22.07
MRPC1FB33P25_COS		1938.21	27.39	-69.22	715.23	-142.44	-106.74	-107.05	-97.15	-58.71	-64.76	48.36	23.45	0.52	4.72	31.13	12.92
MRPC1FB33P25_SIN		0.00	-105.05	257.87	476.14	459.14	133.50	7.04	-202.75	-67.48	-108.72	-142.43	15.05	3.30	-5.25	-38.80	49.81
MRPC1TOR25P5_COS		-671.94	-76.44	-33.05	-8.47	-32.54	32.13	4.40	21.02	4.96	-0.66	10.47	8.60	2.08	0.54	-3.68	-4.32
MRPC1TOR25P5_SIN		0.00	-396.10	-145.97	-55.09	-3.62	-15.85	33.45	19.40	-4.13	-9.76	-20.27	6.54	11.78	12.61	10.36	2.18
MRPLK1LOAD_COS		-47.09	-12.67	-4.11	-3.11	-6.14	6.27	-0.80	3.38	1.97	-0.20	2.46	0.60	-0.29	0.27	-0.67	-0.94
MRPLK1LOAD_SIN		0.00	-44.54	-20.37	-11.23	-0.81	-2.37	4.49	3.23	-0.62	-1.27	-2.18	-0.12	1.71	2.27	1.70	0.57
PITCHRH_COS		11232.77	-10501.59	1992.76	-53.78	-59.61	-26.14	-108.94	-200.99	99.99	-36.84	44.65	-6.63	52.96	23.50	-8.93	-84.31
PITCHRH_SIN		0.00	1707.45	-299.09	-249.60	12.89	1210.41	-94.18	24.36	-142.10	10.17	-335.05	47.08	-9.53	-53.76	-21.16	41.06
ROLLRH_COS		3526.05	-1513.57	306.04	87.27	58.98	-2589.49	-127.81	22.83	89.61	118.88	273.78	-86.64	24.17	-127.85	85.11	194.95
ROLLRH_SIN		0.00	-10647.01	2259.54	62.23	726.14	959.77	13.47	-129.51	0.98	18.60	-51.98	22.77	8.61	42.67	-3.37	186.83
TORQ_COS		106396.16	1520.69	93.29	242.59	272.89	-21.35	2.18	-31.49	-23.47	7.09	-7.79	-4.34	2.08	-3.77	-6.11	4.75
TORQ_SIN		0.00	1501.71	-179.72	-128.04	-184.89	9.86	25.37	66.64	-13.46	-8.09	56.18	1.22	-6.65	5.53	-2.42	0.11
THRUST_COS		5914.45	-730.96	43.23	15.09	-18.91	37.19	3.63	5.47	10.54	-9.42	5.79	-11.49	-8.76	4.43	-1.58	-12.65
THRUST_SIN		0.00	-273.87	17.08	-44.92	27.31	-82.87	0.21	30.04	-5.46	4.70	52.77	-6.95	6.39	3.87	2.80	-25.46

RUN	POINT	Harmonics															
55	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-140.52	38.60	-31.15	2.48	-67.04	53.36	3.61	0.45	-3.15	-5.56	-10.61	3.89	-0.93	3.39	-2.66	-5.38
SIDERH_SIN		0.00	202.89	-43.76	-1.63	-42.94	-143.24	-1.34	2.03	-0.82	0.03	-4.05	-0.60	-0.81	-1.01	-0.18	-5.29
DRAGRH_COS		-70.66	196.83	0.27	-8.44	36.56	119.81	1.66	-4.39	-2.25	-1.50	-8.13	-1.79	-2.64	0.52	0.80	4.36
DRAGRH_SIN		0.00	-26.50	58.55	9.05	15.07	163.74	17.44	-3.65	1.22	0.62	13.69	-5.63	0.35	2.61	1.05	-2.61

RUN	POINT	Harmonics															
55	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.98	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-47.22	0.01	-5.53	-1.21	-1.90	-0.59	0.17	-0.06	-0.02	-0.06	0.08	0.17	-0.06	0.07	0.01	-0.06
ACT1FORCE_SIN		0.00	12.92	0.09	-1.73	1.61	0.47	0.00	0.16	0.20	0.15	-0.14	-0.09	0.00	0.11	0.11	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		84.86	-8.88	53.13	14.32	14.63	6.62	-0.76	0.00	0.00	-0.01	0.00	0.01	-0.01	-0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-92.89	-3.45	20.54	-12.39	-2.82	2.35	-0.01	-0.02	-0.02	0.01	0.00	0.00	-0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		721.57	9.21	-53.45	-14.58	-14.48	-6.64	0.71	0.01	0.00	-0.01	0.01	-0.01	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	93.40	3.82	-20.64	12.58	2.95	-2.40	-0.01	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-828.00	535.57	600.87	-129.09	-291.71	-146.16	-55.06	-3.32	26.65	-24.73	-39.25	24.13	0.75	-10.20	8.02	-2.42
MRBLD1CB42P75_SIN		0.00	2332.27	-208.49	179.88	216.45	-54.69	-12.05	-74.87	31.34	51.30	-95.32	15.58	8.80	14.48	-11.55	31.31

RUN	POINT	Harmonics															
55	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4534.53	69.20	535.13	-281.61	-165.87	-200.48	-94.29	-26.79	15.24	-9.56	-45.30	16.45	5.50	-5.21	4.89	10.77
MRBLD1CB70_SIN		0.00	1825.02	-224.39	295.15	298.22	-85.76	51.80	-32.07	23.51	43.97	-38.59	3.00	-0.33	4.58	-18.62	36.01
MRBLD1CB120_COS		-98.43	-269.98	446.92	-148.91	-19.35	-157.97	-104.59	-42.77	-10.36	14.76	23.02	-10.99	4.15	6.33	5.24	-0.82
MRBLD1CB120_SIN		0.00	1216.79	-157.87	248.30	344.99	-72.78	75.72	-25.37	-41.01	-56.84	50.74	1.34	0.72	-2.79	0.24	3.14
MRBLD1CB164_COS		-2053.27	-141.38	120.07	-11.34	-7.98	-75.21	-52.60	-12.58	-13.36	13.48	32.57	-11.36	-0.99	3.24	-6.38	-5.37
MRBLD1CB164_SIN		0.00	408.93	-38.96	123.60	142.92	-38.58	28.93	3.89	-48.06	-59.33	36.50	6.38	5.27	2.42	16.58	-21.01
MRBLD1FB42P75_COS		2791.71	-114.23	34.19	956.04	-128.52	-81.97	-98.29	-182.10	-88.02	-117.85	-66.75	30.60	4.16	-2.23	-5.03	49.60
MRBLD1FB42P75_SIN		0.00	-366.95	306.72	489.23	560.32	190.57	44.08	-173.27	-21.21	-61.87	-153.84	0.91	4.43	-8.48	-58.92	24.51
MRBLD1FB70_COS		662.01	117.75	-11.59	271.34	-58.94	-24.60	-16.57	-17.78	2.15	1.97	1.87	2.38	1.96	1.86	1.48	-9.27
MRBLD1FB70_SIN		0.00	-235.28	139.53	135.88	156.89	31.63	5.29	-25.94	4.15	5.88	4.15	1.67	1.19	2.08	11.37	-5.84
MRBLD1FB87_COS		54.16	115.98	-61.63	141.07	-36.63	-13.70	-1.42	14.42	13.24	23.31	18.49	-6.24	0.73	1.81	2.15	-9.99
MRBLD1FB87_SIN		0.00	-317.24	116.94	85.15	60.16	5.66	-5.50	14.77	1.12	11.39	36.12	1.35	1.58	3.90	15.73	-1.64
MRBLD1FB120_COS		-377.58	125.36	-147.09	128.05	-11.37	-14.83	-2.30	20.30	-9.60	-11.87	-14.01	-5.96	-7.12	-4.50	-3.49	14.43
MRBLD1FB120_SIN		0.00	-505.28	123.72	180.51	13.78	3.95	0.59	44.13	-1.55	-8.84	-17.34	-5.91	-6.73	-9.58	-25.74	1.40
MRBLD1FB164_COS		357.48	-7.62	-93.66	115.47	114.21	58.41	36.31	-16.96	9.40	14.47	14.71	-1.03	0.96	-0.35	-1.44	-9.12
MRBLD1FB164_SIN		0.00	-394.85	148.23	313.89	-73.51	-43.66	-13.22	-64.83	4.03	15.50	27.39	1.79	2.77	3.58	12.36	-1.41

RUN	POINT	Harmonics															
55	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		309.57	-125.67	-21.85	21.79	83.86	51.26	24.19	-21.35	10.49	36.45	30.30	-30.66	-21.79	-13.05	-5.19	18.37
MRBLD1FB180_SIN		0.00	-222.67	111.39	175.35	-62.78	-24.25	-7.83	-58.62	5.37	26.44	73.25	-6.46	-14.47	-15.67	-31.39	1.43
MRBLD1TOR51_COS		-1056.50	167.42	-30.23	52.08	5.36	-31.08	3.05	-24.24	-2.69	2.06	-0.55	-5.21	-2.81	0.59	6.85	3.07
MRBLD1TOR51_SIN		0.00	275.51	119.61	68.51	40.50	6.88	-26.31	-30.24	0.07	1.87	12.70	-4.78	-6.99	-8.38	-8.43	4.63
MRBLD1TOR71_COS		81.71	161.44	-65.94	33.26	23.11	-12.90	13.64	-17.04	0.24	4.91	1.27	-6.33	-2.88	1.19	4.53	2.16
MRBLD1TOR71_SIN		0.00	245.60	103.69	16.13	5.91	5.08	-22.56	-14.99	3.52	3.91	19.03	-5.18	-5.39	-5.02	-3.95	3.04
MRBLD1TOR130_COS		344.32	141.28	-61.82	-3.17	36.09	-3.67	13.20	-11.81	1.81	1.23	10.44	0.08	-2.71	-1.12	-3.71	-2.25
MRBLD1TOR130_SIN		0.00	291.80	52.53	-6.35	-17.43	0.71	-16.79	-17.58	1.52	-6.26	-1.02	3.53	3.68	5.14	4.45	-1.06
MRBLD1TOR164_COS		-4.85	90.01	-40.25	-23.55	4.54	-8.57	1.58	-6.15	2.64	3.36	3.19	-1.29	-1.37	-0.85	-0.96	-0.57
MRBLD1TOR164_SIN		0.00	259.85	11.46	-64.73	-5.89	5.35	-8.27	-6.05	1.80	-0.40	4.02	-2.30	-0.18	1.80	-0.95	-0.61
MRFBM2CB26P5_COS		1635.31	-1281.59	-267.69	-34.05	-69.16	-18.04	15.96	15.82	0.57	-3.78	1.03	0.38	-0.13	0.85	0.26	-1.88
MRFBM2CB26P5_SIN		0.00	-930.55	34.97	65.19	14.46	-16.41	11.88	-8.89	8.71	0.17	-15.90	1.78	-0.82	2.11	-1.89	0.00
MRFBM2FB9_COS		578.51	4.51	321.94	57.20	-90.48	21.84	-4.07	-15.02	1.42	0.31	3.19	-0.20	-0.08	-0.70	1.13	-0.58
MRFBM2FB9_SIN		0.00	-143.65	-12.39	183.85	-29.59	-2.10	11.18	13.86	-5.09	-1.63	0.82	0.30	1.26	-0.30	1.76	-2.02
MRFBM2TOR26P5_COS		-164.36	290.44	-4.03	0.72	-0.08	-0.98	1.06	0.34	0.24	0.17	-0.10	0.18	0.18	0.02	-0.07	0.08
MRFBM2TOR26P5_SIN		0.00	-3.10	1.56	-0.77	-0.51	0.22	-0.15	-0.58	-0.12	0.00	0.01	0.21	0.06	0.07	-0.04	-0.02

RUN	POINT	Harmonics															
55	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		394.53	653.77	465.26	-2.84	-231.84	-86.25	-46.00	-14.50	20.94	-18.26	-21.22	23.12	1.36	-6.72	11.22	-2.29
MRPC1CB33P25_SIN		0.00	1690.36	-230.27	82.16	169.87	-5.95	-19.30	-74.42	3.98	5.55	-79.28	10.57	4.57	8.98	-12.73	28.55
MRPC1FB33P25_COS		2003.23	-108.44	-83.18	729.22	-223.53	-122.85	-98.88	-74.49	-54.56	-51.26	43.50	23.61	1.35	3.24	46.29	5.30
MRPC1FB33P25_SIN		0.00	-145.43	218.80	567.26	445.46	127.33	4.93	-221.47	-64.70	-112.14	-155.04	22.08	6.53	-6.12	-38.30	60.74
MRPC1TOR25P5_COS		-814.53	-53.97	1.52	-16.28	-25.27	34.51	-2.87	22.46	3.91	0.50	9.89	9.38	1.26	-1.51	-5.91	-5.12
MRPC1TOR25P5_SIN		0.00	-538.82	-128.64	-57.60	-22.43	-9.20	33.91	26.74	-2.63	-9.37	-23.27	8.73	12.35	14.46	11.19	2.00
MRPLK1LOAD_COS		-66.14	-9.49	0.69	-4.12	-5.09	6.43	-1.97	3.44	1.95	0.22	2.43	0.86	-0.47	-0.03	-1.20	-1.13
MRPLK1LOAD_SIN		0.00	-62.65	-17.87	-12.05	-3.32	-1.40	4.57	4.33	-0.26	-1.47	-2.61	0.34	1.59	2.76	1.93	0.43
PITCHRH_COS		11592.96	-11295.79	3531.95	-218.72	-82.46	-260.50	-84.02	-270.59	192.99	-96.72	70.96	-0.19	56.61	19.53	-14.67	-81.91
PITCHRH_SIN		0.00	2222.91	34.28	-485.63	55.32	1297.27	-170.07	94.47	53.59	41.60	-311.08	86.74	-2.71	-14.33	-43.39	55.73
ROLLRH_COS		3630.62	-1802.61	103.12	247.43	-182.25	-2660.94	-126.60	-23.62	-4.58	113.17	256.29	-135.20	-31.52	-99.48	59.09	190.44
ROLLRH_SIN		0.00	-11379.65	3829.90	-42.61	991.86	576.03	117.86	-152.56	86.97	65.82	-7.45	56.00	35.30	53.20	-35.48	264.02
TORQ_COS		106687.88	2071.85	135.91	356.05	446.10	-0.28	-5.16	-69.63	-37.78	8.56	-0.14	-4.66	4.41	-4.74	-6.24	6.32
TORQ_SIN		0.00	1661.81	-261.54	-268.76	-203.73	34.77	32.64	79.40	-14.62	-11.37	58.59	1.24	-6.76	4.20	-3.43	-0.36
THRUST_COS		5932.87	-1018.01	71.57	10.22	-32.67	52.81	0.87	0.72	15.19	-7.92	11.67	-7.15	-9.19	4.47	-0.53	-12.85
THRUST_SIN		0.00	-287.34	23.72	-69.93	27.14	-84.37	-0.21	40.66	-9.99	2.54	51.45	-8.33	3.21	5.29	3.95	-29.37

RUN	POINT	Harmonics															
55	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.29	32.62	-51.33	-1.18	-89.33	77.68	3.70	0.42	-1.44	-5.92	-9.32	5.82	0.95	2.26	-1.80	-5.19
SIDERH_SIN		0.00	187.46	-67.93	-5.07	-79.52	-134.80	-6.82	2.71	-4.09	-2.19	-5.81	-1.94	-1.75	-1.30	0.76	-7.45
DRAGRH_COS		-61.79	179.51	-9.58	-12.77	44.87	97.05	-0.75	-3.87	-7.46	1.48	-11.00	-3.32	-4.09	0.02	1.47	4.84
DRAGRH_SIN		0.00	-20.98	78.80	16.33	29.06	173.49	23.58	-6.82	0.02	-1.02	11.33	-6.66	-1.11	1.48	1.69	-2.91

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.38	-2.56	-8.90	-0.91	-1.00	-0.26	0.30	-0.13	-0.23	-0.02	0.08	0.02	0.01	-0.08	-0.08	-0.06
ACT1FORCE_SIN		0.00	18.02	-1.80	-2.56	1.31	0.25	0.20	0.40	0.16	-0.04	-0.07	-0.02	0.04	0.09	-0.01	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		432.91	9.41	74.74	11.51	8.85	1.98	-5.04	-0.02	0.01	0.01	0.01	0.01	-0.02	-0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-139.08	14.72	28.41	-11.83	-2.76	0.34	0.00	-0.03	0.00	0.01	0.01	0.01	-0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		372.67	-9.31	-74.90	-11.64	-8.84	-1.98	5.03	0.03	-0.02	-0.01	-0.01	-0.01	0.02	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	139.36	-14.61	-28.49	11.80	2.78	-0.36	-0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-871.71	-1779.94	490.08	-74.55	-146.14	-77.52	-68.86	-3.14	18.14	-25.78	19.44	15.36	-0.98	-4.32	3.05	-4.54
MRBLD1CB42P75_SIN		0.00	1375.62	14.38	110.16	235.18	-82.80	-24.38	-63.48	19.52	34.84	-76.65	1.54	10.25	5.97	-0.57	22.80

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4499.48	-1327.72	364.07	-161.74	-69.74	-101.33	-86.49	-1.89	18.13	-14.83	-4.53	11.43	2.43	-1.17	1.92	3.25
MRBLD1CB70_SIN		0.00	1039.15	-90.64	181.81	342.98	-117.49	39.93	-36.83	18.47	36.97	-34.31	-5.15	4.84	2.40	-6.21	30.01
MRBLD1CB120_COS		-233.91	-772.04	289.65	-43.87	7.11	-91.20	-79.38	16.00	4.69	14.36	-12.05	-10.63	2.05	3.84	3.50	-1.21
MRBLD1CB120_SIN		0.00	766.41	-105.41	157.97	397.71	-90.58	70.47	-47.44	-29.38	-37.96	42.09	3.34	0.47	-0.51	-0.91	3.15
MRBLD1CB164_COS		-1993.30	-255.88	64.21	30.06	0.13	-53.46	-34.34	13.25	-8.08	13.18	4.03	-10.00	-0.12	1.15	-4.53	-1.89
MRBLD1CB164_SIN		0.00	289.23	-34.31	85.19	169.88	-37.05	34.90	-3.82	-40.19	-49.52	31.50	10.88	2.08	1.58	7.95	-19.44
MRBLD1FB42P75_COS		2528.79	416.15	97.40	807.09	-34.18	-98.42	-110.86	-130.40	-74.11	-96.80	-12.17	7.34	0.96	1.73	7.51	35.21
MRBLD1FB42P75_SIN		0.00	-248.80	357.87	389.87	478.91	183.10	19.48	-222.68	-24.70	-60.49	-116.23	3.94	3.27	-5.69	-28.22	23.05
MRBLD1FB70_COS		617.55	96.94	31.42	229.05	-21.52	-24.46	-21.53	-11.15	0.03	-0.02	1.32	1.37	0.79	0.71	-1.29	-6.30
MRBLD1FB70_SIN		0.00	-243.69	149.21	97.94	135.73	28.89	3.33	-32.28	3.75	5.85	2.80	2.04	1.64	1.69	5.00	-5.76
MRBLD1FB87_COS		66.36	114.24	-23.94	113.90	-20.80	-14.55	-1.24	9.91	11.33	18.69	4.10	-0.59	1.00	0.35	-1.01	-7.33
MRBLD1FB87_SIN		0.00	-298.63	110.99	57.15	51.22	5.17	-3.04	19.15	1.65	11.25	28.61	0.70	1.21	3.32	8.65	-1.60
MRBLD1FB120_COS		-299.83	144.08	-105.06	91.39	-14.07	-16.71	3.27	10.94	-7.04	-7.64	-7.17	-6.22	-4.69	-1.29	1.50	11.78
MRBLD1FB120_SIN		0.00	-427.69	123.16	136.06	9.73	4.71	0.85	52.57	-2.77	-9.47	-14.71	-5.26	-5.69	-7.69	-13.97	2.53
MRBLD1FB164_COS		51.86	125.69	-8.07	78.74	71.22	55.28	28.88	-6.37	3.91	9.06	5.10	2.37	1.05	-1.76	-3.82	-6.83
MRBLD1FB164_SIN		0.00	-550.77	205.00	251.17	-53.05	-32.53	-15.67	-74.59	5.11	13.64	21.56	1.48	2.03	2.51	5.47	-1.53

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-1.88	-21.65	38.86	12.73	55.38	51.97	13.85	-10.14	6.10	27.39	5.64	-14.62	-14.23	-6.50	1.72	14.77
MRBLD1FB180_SIN		0.00	-389.76	143.90	143.19	-49.66	-14.49	-8.89	-68.30	5.79	25.47	57.14	-7.16	-15.09	-13.48	-17.30	2.07
MRBLD1TOR51_COS		-1480.80	173.93	61.28	42.36	7.25	-24.16	9.89	-15.63	-3.31	1.36	-0.98	-2.64	-1.57	0.71	4.40	2.14
MRBLD1TOR51_SIN		0.00	-124.29	148.16	81.69	23.23	13.03	-27.22	-39.09	-1.12	2.87	8.39	-2.30	-5.71	-5.03	-4.07	3.71
MRBLD1TOR71_COS		-305.07	195.01	29.97	23.99	18.87	-10.62	18.99	-13.05	-0.63	3.65	-2.37	-3.20	-0.87	0.98	2.58	1.45
MRBLD1TOR71_SIN		0.00	-117.42	123.53	40.62	-5.80	12.08	-21.65	-22.84	1.78	5.21	13.02	-2.59	-4.49	-3.45	-1.44	2.66
MRBLD1TOR130_COS		-48.27	171.69	35.91	-5.60	26.87	-2.08	16.89	-7.47	1.14	0.76	7.81	-0.80	-0.81	-0.69	-3.05	-1.81
MRBLD1TOR130_SIN		0.00	-87.02	71.58	24.94	-22.23	5.78	-15.26	-24.21	0.52	-3.11	1.16	2.03	2.55	2.39	3.04	-0.75
MRBLD1TOR164_COS		-269.62	91.83	28.98	-21.20	5.84	-8.11	3.56	-5.73	2.10	3.00	0.26	-0.87	0.20	0.12	-0.80	-0.73
MRBLD1TOR164_SIN		0.00	-17.97	12.11	-29.20	-7.45	6.77	-7.84	-8.12	0.89	1.66	2.67	-2.57	0.12	0.30	0.09	-0.20
MRFBM2CB26P5_COS		1696.93	-1018.55	-232.11	-32.87	-52.79	-4.52	19.25	2.14	0.21	-5.59	8.13	0.00	0.44	0.28	0.24	-0.77
MRFBM2CB26P5_SIN		0.00	-736.99	49.62	57.98	37.82	-11.28	3.20	0.76	1.43	-0.04	-10.05	1.23	0.44	0.28	-0.65	-0.32
MRFBM2FB9_COS		609.42	-66.22	258.39	46.55	-64.71	22.56	1.17	-8.84	-1.61	2.13	-0.43	-0.43	-0.01	-0.40	0.57	-0.48
MRFBM2FB9_SIN		0.00	-115.51	9.25	227.18	-27.56	-15.78	16.57	-8.70	-3.53	-2.43	1.88	0.55	0.36	-0.07	0.55	-1.62
MRFBM2TOR26P5_COS		-163.82	290.49	-3.05	1.14	-0.34	-0.36	0.82	0.25	0.13	0.17	-0.10	0.09	0.09	0.00	-0.05	0.08
MRFBM2TOR26P5_SIN		0.00	-0.15	1.21	-1.14	-0.30	0.22	0.03	0.01	-0.06	0.00	0.11	0.15	0.04	0.10	-0.09	-0.04

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		405.95	-1347.03	402.23	-15.28	-115.86	-56.10	-62.81	-8.35	16.98	-14.26	15.70	11.38	1.62	-1.61	6.24	-5.31
MRPC1CB33P25_SIN		0.00	1223.70	-1.55	50.54	160.12	-40.02	-31.86	-61.53	0.04	1.22	-63.13	2.26	6.43	3.98	-1.77	20.66
MRPC1FB33P25_COS		1800.37	335.70	-42.92	624.59	-124.75	-129.78	-99.48	-14.36	-39.45	-35.36	63.14	7.16	1.58	5.48	28.55	-1.50
MRPC1FB33P25_SIN		0.00	-14.15	283.61	458.82	399.12	116.93	-17.97	-240.43	-61.05	-98.83	-95.45	8.30	2.93	-1.33	-8.20	48.39
MRPC1TOR25P5_COS		-375.94	-96.35	-92.46	-6.73	-18.73	28.75	-11.58	15.94	6.07	1.93	11.16	5.47	2.25	-0.77	-5.73	-5.28
MRPC1TOR25P5_SIN		0.00	-134.28	-152.84	-73.67	-4.24	-15.86	34.54	35.14	-1.61	-8.64	-14.04	4.85	10.97	8.39	9.31	2.49
MRPLK1LOAD_COS		-8.12	-16.03	-11.92	-2.78	-4.10	5.46	-2.61	2.48	1.98	0.28	1.97	0.25	0.23	0.02	-1.22	-1.17
MRPLK1LOAD_SIN		0.00	-11.48	-21.46	-13.45	-1.13	-2.55	4.88	5.43	-0.15	-0.92	-1.30	-0.24	1.41	1.31	1.47	0.55
PITCHRH_COS		7625.13	-9226.32	-349.33	81.99	-6.71	-136.89	106.03	-136.48	-21.83	-3.53	98.46	-5.87	16.96	35.57	-28.80	-116.66
PITCHRH_SIN		0.00	673.98	-724.02	-38.13	-2.88	1007.71	20.27	14.38	-24.54	-20.48	-293.30	19.68	-28.54	14.73	-14.79	78.50
ROLLRH_COS		2548.87	-618.28	823.30	-77.98	38.93	-2587.19	-146.47	90.75	128.18	125.45	224.26	-8.41	27.16	-91.59	75.19	126.27
ROLLRH_SIN		0.00	-9345.34	-348.65	174.43	308.60	836.64	-171.91	-108.34	-57.49	5.61	-13.56	-0.36	-24.19	11.29	-12.20	212.97
TORQ_COS		106225.02	473.53	3.24	110.00	47.02	-32.61	7.95	1.77	-4.95	3.06	-17.49	-3.95	3.22	-1.78	-3.60	4.52
TORQ_SIN		0.00	1278.99	-61.40	86.85	-132.56	36.68	17.46	36.44	-7.89	-6.51	49.22	1.82	-5.64	5.27	-5.72	0.37
THRUST_COS		5750.80	-241.02	2.08	27.14	-0.40	53.91	7.53	13.66	2.66	-8.27	-6.15	-7.11	-3.66	1.65	-2.23	-8.39
THRUST_SIN		0.00	-266.49	4.32	-11.18	28.66	-83.58	8.99	11.64	-1.84	3.44	50.90	-3.89	2.68	-0.60	5.10	-26.76

RUN	POINT	Harmonics															
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.07	32.73	-18.90	6.25	-21.85	61.42	11.03	-2.15	-4.40	-5.51	-7.58	0.11	-0.97	2.54	-2.44	-3.51
SIDERH_SIN		0.00	214.89	4.21	1.35	-25.01	-143.53	3.11	3.22	2.24	0.64	-4.86	0.38	0.45	-0.36	0.16	-5.99
DRAGRH_COS		-110.95	214.48	7.59	-0.92	14.72	107.03	-15.32	0.19	2.59	-2.60	-9.60	0.61	-1.18	-0.65	1.33	5.80
DRAGRH_SIN		0.00	-25.59	12.37	-0.95	7.33	156.02	-10.82	1.10	-1.82	2.54	10.24	0.03	2.04	-0.14	1.17	-3.95

RUN	POINT	Harmonics															
55	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.19	-2.26	-9.14	-0.81	-0.74	0.01	0.22	0.02	-0.33	-0.02	0.03	-0.01	-0.01	-0.04	-0.07	-0.04
ACT1FORCE_SIN		0.00	17.92	-1.69	-2.74	1.34	0.33	0.13	0.43	0.27	-0.08	-0.06	-0.03	0.08	0.07	0.00	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.74	6.54	78.10	12.28	6.48	0.59	-4.38	0.00	0.02	0.01	0.01	-0.01	-0.02	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-137.37	11.44	27.65	-10.40	-3.67	3.51	0.01	-0.03	0.00	0.02	0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.84	-6.43	-78.26	-12.42	-6.46	-0.57	4.36	0.01	-0.02	-0.01	0.00	0.01	0.02	0.01	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	137.64	-11.30	-27.73	10.36	3.69	-3.52	-0.01	0.03	0.00	-0.02	-0.01	0.00	0.02	0.00	0.00
MRBLD1CB42P75_COS		-874.92	-1783.33	500.55	-104.13	-106.89	-106.02	-69.67	-11.16	23.85	-19.77	-14.74	16.09	1.71	-2.43	3.60	1.93
MRBLD1CB42P75_SIN		0.00	1468.41	9.31	125.30	198.00	-83.23	-12.91	-74.46	18.29	34.64	-83.49	13.13	15.35	10.35	-3.42	22.12

RUN	POINT	Harmonics															
55	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4509.88	-1330.29	367.30	-179.23	-6.49	-183.87	-69.96	-10.75	21.99	-10.64	-27.77	10.27	3.43	1.03	1.10	11.77
MRBLD1CB70_SIN		0.00	1104.37	-102.68	192.94	280.34	-120.56	45.48	-36.28	17.06	35.26	-28.07	3.80	8.15	4.69	-8.70	26.56
MRBLD1CB120_COS		-226.55	-767.80	292.31	-58.66	79.60	-188.88	-46.37	6.61	-7.32	7.54	4.35	-10.08	1.96	3.69	3.16	-0.39
MRBLD1CB120_SIN		0.00	802.58	-119.86	164.29	336.71	-94.91	71.26	-35.79	-30.27	-41.23	43.16	-1.36	-1.80	-2.16	-2.74	3.09
MRBLD1CB164_COS		-1990.06	-251.83	65.14	28.86	31.08	-97.76	-17.62	10.03	-19.49	5.51	22.77	-6.54	-0.22	0.01	-3.26	-8.37
MRBLD1CB164_SIN		0.00	299.95	-39.21	81.55	148.43	-38.01	34.88	3.98	-40.69	-51.63	24.51	4.74	-0.91	-0.02	10.82	-17.50
MRBLD1FB42P75_COS		2510.16	419.85	124.60	813.73	25.74	-62.53	-101.36	-149.85	-95.37	-108.81	-52.86	16.81	3.81	1.72	-3.18	39.08
MRBLD1FB42P75_SIN		0.00	-275.25	367.18	359.32	474.90	181.00	33.38	-212.43	-6.37	-51.71	-129.77	5.05	4.95	-3.33	-34.24	12.31
MRBLD1FB70_COS		609.65	96.79	40.42	228.05	-3.74	-21.09	-18.89	-14.10	-1.06	0.51	0.98	1.47	0.80	0.59	1.11	-7.34
MRBLD1FB70_SIN		0.00	-252.11	154.48	87.80	131.18	27.21	6.04	-32.38	5.08	5.66	3.62	1.56	1.32	1.21	6.41	-3.22
MRBLD1FB87_COS		61.68	112.91	-18.76	117.13	-13.75	-14.58	-1.90	12.01	14.40	21.16	14.08	-2.99	0.31	0.55	1.50	-7.59
MRBLD1FB87_SIN		0.00	-307.51	114.33	49.56	52.39	5.33	-2.86	17.70	-1.06	9.49	30.77	-0.33	0.48	2.49	9.77	0.46
MRBLD1FB120_COS		-302.99	138.81	-104.14	105.10	-15.69	-14.98	0.04	15.93	-6.56	-9.32	-11.48	-5.82	-4.63	-2.25	-2.72	12.26
MRBLD1FB120_SIN		0.00	-434.05	126.05	124.55	13.51	8.29	1.86	55.15	-3.04	-7.63	-14.71	-3.72	-4.53	-6.45	-15.51	-0.93
MRBLD1FB164_COS		45.22	119.54	2.28	95.52	51.84	55.88	30.98	-9.78	3.20	12.79	12.49	1.68	1.44	-1.38	-1.74	-6.69
MRBLD1FB164_SIN		0.00	-556.69	208.34	251.15	-61.80	-37.12	-21.23	-80.14	6.63	11.59	22.81	0.09	1.70	3.18	7.62	0.29

RUN	POINT	Harmonics															
55	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.48	-25.58	48.14	20.48	43.86	50.66	19.28	-15.28	7.44	33.05	25.60	-18.97	-17.16	-9.07	-3.23	14.66
MRBLD1FB180_SIN		0.00	-390.91	144.08	148.00	-56.95	-19.40	-13.34	-70.17	4.66	22.02	61.24	-8.24	-11.25	-10.96	-19.67	-1.46
MRBLD1TOR51_COS		-1485.29	173.82	70.31	38.54	9.64	-23.01	7.44	-20.04	-5.96	2.84	0.10	-3.17	-2.89	-0.86	3.89	2.67
MRBLD1TOR51_SIN		0.00	-128.27	151.92	83.37	18.93	9.26	-23.12	-45.17	2.74	1.01	10.27	-2.16	-4.91	-5.51	-5.09	2.81
MRBLD1TOR71_COS		-308.25	195.23	37.12	20.20	17.31	-8.64	16.40	-15.64	-2.22	5.94	0.03	-4.31	-1.90	0.23	2.37	1.91
MRBLD1TOR71_SIN		0.00	-122.98	127.61	42.15	-9.21	8.01	-19.13	-29.07	5.26	3.11	15.16	-2.47	-3.97	-3.63	-2.38	1.85
MRBLD1TOR130_COS		-50.19	171.46	40.39	-9.08	22.45	-0.99	14.79	-10.02	-1.14	2.11	6.67	-1.34	-0.40	0.38	-2.68	-1.67
MRBLD1TOR130_SIN		0.00	-91.41	74.96	27.80	-25.92	2.67	-14.13	-30.05	3.22	-4.85	-1.97	3.88	3.24	3.39	3.04	-0.30
MRBLD1TOR164_COS		-269.71	91.93	29.92	-25.65	5.41	-7.02	1.90	-7.47	1.54	4.03	0.31	-2.17	0.20	0.81	-1.02	-0.32
MRBLD1TOR164_SIN		0.00	-20.23	13.41	-27.22	-7.95	4.97	-6.30	-10.89	2.03	0.78	2.45	-1.77	0.14	1.19	-0.63	0.19
MRFBM2CB26P5_COS		1654.55	-888.63	-230.80	-7.74	-47.40	-10.50	16.74	3.84	2.11	-5.11	7.25	0.12	1.00	0.63	0.33	-0.50
MRFBM2CB26P5_SIN		0.00	-1243.99	43.09	48.99	29.37	-8.04	0.36	-3.68	2.88	0.38	-14.04	1.04	0.42	0.27	-0.38	-0.29
MRFBM2FB9_COS		449.56	43.25	300.54	53.96	-63.36	17.75	3.57	-8.99	-2.29	1.89	-0.21	0.51	-0.15	-0.35	0.50	-0.94
MRFBM2FB9_SIN		0.00	359.97	10.15	208.27	-19.75	-15.71	14.95	-5.65	-4.28	-2.68	2.61	0.95	0.44	0.19	0.22	-1.31
MRFBM2TOR26P5_COS		-165.11	291.97	-3.87	1.16	-0.43	-0.02	0.70	0.15	0.15	0.23	-0.07	0.11	0.14	-0.01	-0.03	0.05
MRFBM2TOR26P5_SIN		0.00	-8.99	1.49	-1.00	-0.35	0.38	-0.08	-0.14	-0.01	0.03	0.12	0.17	0.02	0.09	-0.09	-0.08

RUN	POINT	Harmonics															
55	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		402.29	-1339.64	412.09	-41.37	-98.15	-56.95	-65.74	-16.42	16.67	-13.28	-7.44	13.85	2.90	-0.66	6.30	0.92
MRPC1CB33P25_SIN		0.00	1299.51	-5.46	68.73	145.01	-37.49	-19.98	-69.10	-2.83	0.45	-72.58	8.43	9.22	7.64	-5.75	20.67
MRPC1FB33P25_COS		1783.40	341.09	-22.30	633.81	-73.65	-102.34	-96.40	-35.08	-65.52	-50.15	39.67	12.57	1.90	3.91	27.14	11.55
MRPC1FB33P25_SIN		0.00	-35.56	295.20	434.11	407.66	124.77	-4.25	-240.00	-57.09	-98.71	-129.46	15.29	5.98	0.71	-21.91	45.16
MRPC1TOR25P5_COS		-375.72	-102.62	-102.00	-3.06	-18.26	26.70	-9.04	20.19	7.20	0.70	6.95	5.05	4.23	2.14	-4.60	-3.16
MRPC1TOR25P5_SIN		0.00	-129.51	-155.94	-77.36	-0.54	-12.08	30.69	39.89	-4.97	-8.04	-20.36	6.85	10.76	10.29	8.32	3.12
MRPLK1LOAD_COS		-7.96	-16.87	-13.24	-2.43	-4.19	5.10	-2.40	3.25	2.07	0.48	1.25	-0.23	0.47	0.63	-1.07	-0.73
MRPLK1LOAD_SIN		0.00	-10.89	-21.78	-13.94	-0.66	-2.10	4.57	5.65	-0.52	-0.96	-2.48	0.36	1.52	1.77	1.22	0.67
PITCHRH_COS		5879.35	-8483.64	949.31	122.24	-31.74	-119.81	15.50	-102.40	-11.29	7.49	28.43	23.30	35.37	13.76	32.97	-138.76
PITCHRH_SIN		0.00	1474.62	-1320.24	-174.04	-64.03	950.56	179.72	69.78	90.64	-45.37	-255.57	30.86	-33.25	-11.78	-8.83	100.24
ROLLRH_COS		1886.76	-1524.56	1443.55	95.34	-161.43	-2364.37	-75.45	-25.85	53.01	111.63	221.20	-17.50	15.29	-63.87	32.36	127.29
ROLLRH_SIN		0.00	-8614.26	1096.81	108.10	95.67	1049.94	-118.99	-80.72	-63.12	2.38	-28.71	28.61	7.77	37.32	-21.51	228.89
TORQ_COS		105931.58	528.64	42.33	241.34	25.98	-40.90	13.01	0.11	-14.25	0.68	-6.58	-3.65	0.95	-1.88	-5.44	3.47
TORQ_SIN		0.00	769.52	-116.46	42.30	-40.12	39.65	15.08	67.32	-6.84	-3.73	63.94	3.53	-6.67	6.31	-3.13	-0.62
THRUST_COS		5657.42	-180.88	29.51	28.39	1.97	41.17	8.06	21.38	2.36	-2.97	-1.56	-7.59	-0.78	1.22	0.65	-15.40
THRUST_SIN		0.00	18.14	-0.99	-32.74	17.42	-85.70	9.17	21.95	-5.37	2.51	57.52	0.86	-0.10	0.94	2.34	-20.90

RUN	POINT	Harmonics															
55	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.57	35.23	-38.63	8.47	12.32	40.57	12.15	-0.16	-2.13	-3.82	-8.30	0.16	-0.74	1.52	-0.81	-3.76
SIDERH_SIN		0.00	211.76	-23.49	-2.91	-23.08	-141.87	-0.20	3.82	1.38	0.33	-5.17	-0.66	-0.30	-0.99	0.72	-6.52
DRAGRH_COS		-128.76	220.78	13.63	-7.39	6.77	115.94	-19.10	1.26	-0.80	-4.07	-5.46	-0.93	-1.82	1.01	-1.37	6.83
DRAGRH_SIN		0.00	-22.81	37.39	2.08	9.68	125.21	-21.17	0.66	-1.87	3.33	9.18	-0.69	2.50	0.39	1.22	-4.53

RUN	POINT	Harmonics															
55	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.05	-2.80	-9.32	-0.59	-0.59	-0.06	0.26	0.03	-0.32	-0.08	0.06	0.01	0.03	-0.06	-0.02	-0.04
ACT1FORCE_SIN		0.00	18.04	-2.08	-2.88	1.36	0.42	0.13	0.49	0.27	-0.09	-0.07	-0.06	0.04	0.04	-0.01	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		427.82	11.30	78.40	10.26	6.82	1.20	-2.87	0.00	0.01	0.02	0.01	0.01	-0.02	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-136.22	13.61	29.23	-9.95	-3.96	3.97	0.00	-0.02	-0.01	0.02	0.00	0.01	-0.01	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		377.76	-11.20	-78.57	-10.39	-6.81	-1.18	2.86	0.01	-0.01	-0.02	-0.01	-0.01	0.02	0.00	-0.01	0.02
FA1OBVOLTAGE_SIN		0.00	136.50	-13.47	-29.31	9.91	3.98	-3.98	-0.01	0.02	0.01	-0.01	-0.01	0.00	0.02	-0.01	0.01
MRBLD1CB42P75_COS		-883.35	-1914.05	476.42	-140.57	-92.00	-108.47	-64.27	-7.32	25.86	-21.73	16.94	14.12	-3.70	-3.43	2.49	-5.21
MRBLD1CB42P75_SIN		0.00	1417.04	11.57	129.19	138.45	-99.18	-9.10	-91.92	24.95	29.07	-74.17	17.03	16.70	9.97	2.27	20.55

RUN	POINT	Harmonics															
55	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4504.18	-1414.07	340.95	-200.58	19.68	-197.14	-54.96	-25.26	22.76	-11.00	-12.24	10.34	2.21	1.81	4.00	4.55
MRBLD1CB70_SIN		0.00	1064.94	-99.75	180.79	216.92	-159.52	37.98	-47.74	20.42	32.66	-24.96	7.94	11.23	5.83	-2.58	27.76
MRBLD1CB120_COS		-225.52	-809.04	264.56	-65.28	85.48	-201.22	-27.32	-30.48	-5.32	16.46	-9.37	-7.97	3.81	4.40	3.99	-0.70
MRBLD1CB120_SIN		0.00	782.53	-116.82	152.73	281.45	-139.18	57.24	-40.16	-35.00	-33.03	40.32	-3.19	-1.06	0.13	-1.31	3.41
MRBLD1CB164_COS		-1986.80	-263.94	55.13	27.11	32.82	-101.90	-8.26	-5.70	-18.83	13.27	13.38	-7.10	0.40	-0.13	-4.78	-2.81
MRBLD1CB164_SIN		0.00	290.00	-37.92	78.04	126.67	-57.73	29.47	6.10	-44.25	-44.56	25.48	2.88	-1.11	0.95	6.57	-17.93
MRBLD1FB42P75_COS		2508.33	447.67	141.75	789.32	-48.34	-61.91	-105.42	-197.01	-84.92	-93.00	-7.92	14.87	-0.50	2.70	8.10	31.35
MRBLD1FB42P75_SIN		0.00	-270.19	378.37	376.47	429.14	186.01	30.36	-232.83	-17.15	-65.62	-135.11	5.18	5.51	-2.52	-24.92	22.76
MRBLD1FB70_COS		609.27	99.03	49.17	219.90	-21.13	-20.66	-18.09	-22.16	0.16	0.23	1.19	1.07	0.84	0.16	-1.17	-5.57
MRBLD1FB70_SIN		0.00	-254.21	156.59	91.31	110.34	26.95	5.31	-35.86	4.48	4.98	3.10	1.84	1.12	0.96	4.66	-5.71
MRBLD1FB87_COS		60.02	115.91	-10.93	110.51	-20.98	-15.86	-1.46	15.68	12.61	18.22	3.15	-2.70	1.38	0.16	-1.20	-6.29
MRBLD1FB87_SIN		0.00	-310.24	116.54	51.54	43.31	4.78	-3.57	20.03	0.68	12.28	32.56	-0.25	0.43	2.52	7.78	-1.55
MRBLD1FB120_COS		-305.91	147.45	-90.93	98.42	-8.88	-18.70	0.97	27.51	-6.63	-8.26	-7.14	-5.05	-4.73	-1.20	1.49	10.14
MRBLD1FB120_SIN		0.00	-439.77	127.95	122.32	19.68	8.29	-0.60	57.80	-4.20	-8.87	-16.12	-4.85	-4.95	-7.00	-12.96	2.21
MRBLD1FB164_COS		41.35	132.56	13.18	87.65	69.72	57.49	31.19	-25.09	2.97	10.29	4.85	1.07	2.12	-1.64	-3.58	-5.86
MRBLD1FB164_SIN		0.00	-558.02	213.79	242.01	-25.05	-37.31	-13.93	-83.66	7.74	15.39	25.01	2.22	2.26	2.61	5.35	-1.24

RUN	POINT	Harmonics															
55	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-8.61	-16.66	51.18	16.84	51.87	52.30	17.61	-27.82	5.70	28.15	5.40	-16.21	-12.56	-5.20	1.95	12.81
MRBLD1FB180_SIN		0.00	-393.30	148.04	143.09	-34.33	-19.24	-7.60	-75.68	6.02	27.53	67.47	-7.47	-13.82	-11.27	-16.46	2.28
MRBLD1TOR51_COS		-1486.46	173.25	70.63	32.09	5.91	-18.89	8.94	-28.48	-6.96	2.25	-3.25	-2.77	-1.33	0.79	4.35	2.06
MRBLD1TOR51_SIN		0.00	-130.98	155.16	86.25	10.00	3.73	-23.62	-50.34	3.74	1.34	10.30	-2.03	-5.32	-4.85	-3.15	3.23
MRBLD1TOR71_COS		-309.52	196.17	38.35	16.25	15.57	-4.40	17.02	-21.99	-3.97	5.00	-5.33	-3.49	-0.40	1.19	2.54	1.45
MRBLD1TOR71_SIN		0.00	-124.66	129.85	44.51	-13.54	4.36	-19.24	-32.02	6.43	4.13	14.45	-2.50	-3.88	-2.81	-1.41	2.19
MRBLD1TOR130_COS		-51.32	172.80	42.19	-11.48	22.77	2.99	14.78	-15.03	-1.80	3.16	6.32	-1.16	-0.58	-0.35	-2.95	-1.67
MRBLD1TOR130_SIN		0.00	-92.61	77.17	29.17	-25.80	0.42	-13.96	-33.33	4.26	-3.80	0.14	3.18	3.27	3.34	1.91	-0.78
MRBLD1TOR164_COS		-270.07	91.41	29.60	-26.41	4.28	-5.06	1.90	-9.09	1.17	4.59	-1.35	-1.05	0.33	0.25	-0.75	-0.91
MRBLD1TOR164_SIN		0.00	-20.70	13.72	-25.33	-14.05	4.37	-7.18	-12.33	2.39	1.65	2.65	-2.11	0.78	1.20	-0.61	-0.13
MRFBM2CB26P5_COS		1570.39	-691.24	-210.51	16.44	-41.30	-3.77	11.41	11.56	-0.29	-5.92	11.60	-0.42	-0.24	-0.16	0.06	-0.76
MRFBM2CB26P5_SIN		0.00	-1824.71	39.53	39.50	16.96	-5.14	-1.66	-0.82	3.80	0.02	-10.70	0.82	0.64	0.34	-0.43	-0.35
MRFBM2FB9_COS		296.80	145.28	332.90	56.93	-53.26	19.49	2.51	-15.44	-1.18	2.57	-2.17	-0.40	-0.24	-0.41	0.32	-0.68
MRFBM2FB9_SIN		0.00	873.77	26.01	184.91	-17.80	-15.24	15.27	-4.67	-4.46	-2.39	1.98	0.71	0.17	0.12	0.24	-1.38
MRFBM2TOR26P5_COS		-166.62	293.60	-5.25	1.19	-0.43	0.18	0.65	0.23	0.15	0.23	-0.11	0.05	0.09	-0.02	0.00	0.07
MRFBM2TOR26P5_SIN		0.00	-7.42	1.52	-0.46	-0.57	0.31	0.00	-0.17	0.00	0.11	0.07	0.13	0.04	0.11	-0.11	-0.04

RUN	POINT	Harmonics															
55	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		395.91	-1442.71	390.20	-73.83	-101.55	-53.39	-63.39	-13.09	21.85	-11.42	17.34	12.23	-1.55	-1.55	5.54	-5.99
MRPC1CB33P25_SIN		0.00	1270.10	-4.37	82.34	105.61	-40.91	-14.61	-85.10	0.88	-1.70	-66.68	11.43	10.77	8.00	0.46	19.35
MRPC1FB33P25_COS		1780.92	361.97	-10.70	610.08	-123.66	-103.83	-98.56	-63.29	-51.80	-30.04	76.93	11.40	-1.97	3.63	26.10	-3.36
MRPC1FB33P25_SIN		0.00	-31.21	305.12	445.47	353.33	128.81	-8.67	-275.49	-61.31	-100.90	-106.20	15.21	4.28	2.45	-5.93	44.69
MRPC1TOR25P5_COS		-374.54	-98.49	-102.45	2.27	-14.87	22.05	-12.32	28.76	8.98	3.28	12.51	5.27	1.71	-0.86	-5.83	-4.68
MRPC1TOR25P5_SIN		0.00	-124.14	-160.16	-79.76	5.28	-5.28	31.24	42.74	-5.60	-6.90	-17.68	6.64	12.04	10.05	6.36	1.79
MRPLK1LOAD_COS		-8.18	-16.38	-13.15	-1.59	-3.64	4.48	-2.98	4.59	2.25	0.95	1.71	0.09	0.25	0.13	-1.20	-1.04
MRPLK1LOAD_SIN		0.00	-10.32	-22.28	-14.34	0.02	-0.88	4.60	5.82	-0.49	-0.73	-2.05	0.17	1.74	1.83	0.78	0.35
PITCHRH_COS		3529.46	-7800.13	2230.82	62.50	-104.85	-347.40	-127.41	-65.93	-82.34	56.16	65.87	33.33	48.68	35.91	-2.16	-140.18
PITCHRH_SIN		0.00	1855.22	-1807.78	-259.93	-80.62	815.24	324.52	36.50	13.98	-47.64	-261.59	31.26	3.33	-15.25	-5.26	63.54
ROLLRH_COS		919.80	-2031.65	1927.20	233.77	-364.85	-2049.30	-16.56	-6.14	64.41	86.48	251.42	-12.34	-25.10	-45.17	28.63	97.97
ROLLRH_SIN		0.00	-7899.35	2557.05	145.53	-42.16	883.91	-224.46	-58.29	-84.79	33.53	-24.17	38.04	40.79	18.33	-2.53	216.22
TORQ_COS		105420.21	549.60	89.06	373.22	3.27	-34.90	8.75	-47.63	-11.13	2.26	-26.45	-5.01	4.92	-1.42	-3.07	3.99
TORQ_SIN		0.00	317.31	-129.47	-5.09	81.17	38.85	12.14	60.42	-17.92	-2.24	59.88	3.48	-6.10	4.18	-4.63	-0.42
THRUST_COS		5583.55	-109.86	53.22	39.19	7.66	49.05	4.86	7.48	6.10	-3.47	-20.57	-4.21	-0.75	2.67	-2.66	-10.21
THRUST_SIN		0.00	301.93	-3.31	-54.90	11.09	-89.44	15.85	31.79	-2.73	1.15	57.62	3.06	-1.92	1.35	0.06	-25.00

RUN	POINT	Harmonics															
55	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.15	21.69	-49.49	4.54	34.74	32.77	12.55	-1.57	-2.18	-3.19	-8.02	-0.34	0.50	1.28	-0.87	-3.09
SIDERH_SIN		0.00	208.64	-51.71	-6.68	-49.17	-121.52	9.61	1.35	1.03	-0.80	-4.69	-1.79	-1.82	-0.59	-0.17	-6.25
DRAGRH_COS		-147.85	231.38	17.17	-13.14	-4.80	104.77	5.50	-5.30	-2.16	-7.26	-6.41	-2.49	-3.29	-1.50	-0.24	7.02
DRAGRH_SIN		0.00	-8.81	58.71	1.59	14.36	83.89	-24.94	0.92	-2.89	1.80	10.86	1.79	-0.11	1.30	1.12	-3.26

RUN	POINT	Harmonics															
55	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.93	-2.27	-9.57	-0.90	-0.41	-0.11	0.33	0.06	-0.30	-0.01	0.04	0.03	0.02	-0.03	-0.05	-0.05
ACT1FORCE_SIN		0.00	18.01	-1.51	-2.81	1.26	0.42	0.07	0.50	0.26	-0.07	-0.09	-0.02	0.01	0.09	0.00	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.34	7.74	79.45	13.35	6.43	0.32	-2.67	0.00	0.01	0.01	0.01	0.00	-0.02	-0.01	0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-138.30	9.20	29.45	-10.57	-3.71	4.03	0.00	-0.01	0.01	0.02	0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		377.24	-7.63	-79.61	-13.50	-6.43	-0.30	2.66	0.00	-0.01	-0.01	0.00	0.00	0.02	0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	138.58	-9.06	-29.52	10.53	3.72	-4.04	-0.01	0.01	0.00	-0.02	0.00	0.00	0.02	0.00	0.00
MRBLD1CB42P75_COS		-854.82	-1714.04	487.27	-146.06	-66.16	-116.62	-72.45	-3.41	24.13	-23.89	-21.13	13.32	5.21	-1.06	5.30	2.47
MRBLD1CB42P75_SIN		0.00	1694.81	-13.58	152.01	122.51	-75.93	-6.17	-94.72	30.10	33.67	-64.09	9.57	14.30	6.12	-3.01	22.01

RUN	POINT	Harmonics															
55	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4522.65	-1287.53	339.04	-205.47	66.55	-218.05	-64.20	-13.85	19.15	-12.24	-39.35	6.16	6.85	0.30	3.53	13.57
MRBLD1CB70_SIN		0.00	1241.28	-113.41	198.85	168.71	-90.31	33.19	-45.76	17.59	34.20	-8.76	4.02	8.73	0.76	-8.11	25.81
MRBLD1CB120_COS		-217.30	-750.35	262.59	-61.04	138.43	-230.42	-32.66	-19.73	-7.46	9.63	7.89	-10.78	0.09	2.88	2.80	0.25
MRBLD1CB120_SIN		0.00	844.88	-122.93	151.24	233.90	-55.03	45.62	-28.51	-41.94	-35.39	31.23	0.28	-1.11	-1.19	-2.34	3.88
MRBLD1CB164_COS		-1984.40	-248.07	55.65	31.47	55.71	-116.54	-8.80	-7.31	-20.40	6.80	34.61	-5.34	-2.52	0.10	-5.23	-10.75
MRBLD1CB164_SIN		0.00	305.52	-39.41	71.14	109.21	-18.68	20.80	10.64	-46.23	-46.10	9.10	4.38	-1.10	2.50	10.79	-17.21
MRBLD1FB42P75_COS		2491.55	392.33	163.38	841.54	3.08	-68.95	-107.73	-169.26	-83.80	-107.59	-53.23	8.97	0.48	0.60	-3.16	42.33
MRBLD1FB42P75_SIN		0.00	-310.76	348.67	303.00	466.28	180.79	49.52	-210.77	-1.51	-35.08	-142.07	0.21	0.89	-8.19	-35.56	9.32
MRBLD1FB70_COS		608.36	90.22	54.08	234.52	-6.76	-22.89	-18.54	-16.29	1.68	0.93	1.38	1.87	1.29	0.88	1.08	-7.92
MRBLD1FB70_SIN		0.00	-246.52	146.37	71.31	118.78	28.30	9.28	-34.07	5.34	6.59	4.24	1.82	1.47	1.66	6.71	-2.82
MRBLD1FB87_COS		61.01	108.00	-6.59	120.34	-13.45	-14.25	-0.17	14.48	13.15	21.60	14.03	-0.69	1.30	1.15	1.93	-7.57
MRBLD1FB87_SIN		0.00	-306.17	111.81	40.05	46.59	5.11	-4.09	17.05	-2.62	6.09	32.00	0.35	1.19	3.31	9.63	0.78
MRBLD1FB120_COS		-305.45	135.09	-89.44	106.53	-9.12	-15.39	1.50	18.92	-10.16	-10.64	-11.76	-7.47	-6.07	-3.40	-3.48	12.26
MRBLD1FB120_SIN		0.00	-433.99	126.94	117.27	16.88	11.32	-2.37	56.02	-2.72	-7.79	-14.52	-2.99	-4.30	-7.54	-15.32	-1.68
MRBLD1FB164_COS		36.64	118.56	24.98	99.66	59.87	53.02	29.35	-14.96	9.13	13.65	12.57	3.29	2.32	-1.05	-1.93	-6.54
MRBLD1FB164_SIN		0.00	-559.32	207.42	244.10	-42.97	-34.70	-20.30	-78.51	6.51	11.95	23.76	0.12	2.03	4.09	7.28	0.43

RUN	POINT	Harmonics															
55	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-12.32	-25.74	62.03	23.70	45.55	49.80	16.76	-17.81	11.74	34.16	25.84	-17.37	-17.79	-9.64	-4.25	14.89
MRBLD1FB180_SIN		0.00	-392.05	142.68	145.56	-45.46	-20.48	-10.00	-71.43	4.79	18.37	65.76	-2.56	-8.85	-10.50	-18.75	-2.25
MRBLD1TOR51_COS		-1488.84	174.22	80.55	41.44	3.56	-19.13	0.28	-21.41	-5.32	4.24	-0.63	-3.76	-3.25	-0.27	3.10	3.39
MRBLD1TOR51_SIN		0.00	-132.14	151.65	85.52	13.23	4.88	-15.60	-46.39	3.19	0.14	11.73	-1.25	-5.87	-5.41	-5.41	2.56
MRBLD1TOR71_COS		-311.88	194.16	46.17	22.25	10.48	-3.43	9.66	-16.29	-1.99	7.91	-1.22	-4.32	-1.57	-0.02	1.98	2.12
MRBLD1TOR71_SIN		0.00	-129.32	127.99	44.91	-12.06	4.09	-12.83	-29.60	5.25	2.48	16.60	-1.44	-3.89	-3.32	-2.53	1.93
MRBLD1TOR130_COS		-53.43	171.48	46.84	-9.06	17.08	4.00	8.27	-11.32	-0.73	2.96	5.75	-0.51	1.46	-0.65	-1.85	-2.16
MRBLD1TOR130_SIN		0.00	-97.02	75.86	31.75	-27.15	0.56	-9.88	-30.90	3.43	-3.84	-1.46	3.00	4.10	2.99	3.07	-0.13
MRBLD1TOR164_COS		-271.08	92.24	30.29	-27.34	2.53	-3.72	-1.56	-7.11	1.62	4.88	-1.15	-1.74	1.19	-0.36	-0.48	-0.78
MRBLD1TOR164_SIN		0.00	-24.27	14.09	-23.15	-12.57	3.97	-4.38	-11.81	1.54	1.00	3.05	-1.81	1.18	0.55	-0.50	0.13
MRFBM2CB26P5_COS		1490.56	-669.18	-200.31	37.05	-37.08	-10.68	11.69	7.87	1.47	-5.22	10.52	0.09	-0.20	0.29	-0.20	-0.47
MRFBM2CB26P5_SIN		0.00	-2219.90	59.03	26.03	12.31	-3.31	-3.08	-6.35	4.68	0.63	-12.43	0.35	0.64	0.55	0.22	-0.20
MRFBM2FB9_COS		128.24	289.01	367.86	78.24	-53.53	16.60	4.61	-10.82	-1.99	2.03	-2.23	0.39	-0.08	-0.32	0.34	-1.11
MRFBM2FB9_SIN		0.00	1262.06	10.75	154.85	-12.22	-12.53	14.53	-5.48	-3.64	-3.01	2.23	1.26	0.46	0.18	-0.20	-1.11
MRFBM2TOR26P5_COS		-168.27	295.07	-6.49	1.29	-0.46	0.34	0.47	0.17	0.12	0.29	-0.19	0.12	0.05	0.05	-0.04	0.03
MRFBM2TOR26P5_SIN		0.00	-17.36	1.97	-0.28	-0.51	0.21	0.06	-0.11	0.02	0.02	0.12	0.15	-0.02	0.15	-0.14	-0.06

RUN	POINT	Harmonics															
55	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		411.51	-1255.74	406.47	-72.67	-90.73	-58.40	-67.23	-15.27	19.41	-16.65	-7.17	11.54	4.37	1.04	7.77	2.21
MRPC1CB33P25_SIN		0.00	1478.77	-26.58	107.31	110.81	-38.06	-9.10	-87.79	6.74	2.55	-65.46	5.78	8.67	4.34	-4.60	20.83
MRPC1FB33P25_COS		1767.81	323.04	10.72	664.72	-87.99	-109.28	-106.96	-51.54	-59.49	-57.55	46.30	10.17	2.49	6.19	29.03	16.31
MRPC1FB33P25_SIN		0.00	-68.28	284.74	392.46	393.12	123.96	4.21	-247.40	-49.31	-86.45	-137.50	6.96	1.25	-3.53	-22.68	46.50
MRPC1TOR25P5_COS		-372.63	-102.46	-112.54	-6.08	-10.32	21.83	-2.54	21.05	6.12	-0.70	6.78	6.71	7.02	-0.39	-2.17	-4.07
MRPC1TOR25P5_SIN		0.00	-119.23	-156.69	-81.34	2.07	-7.20	22.49	39.68	-4.94	-5.84	-21.42	4.45	13.02	9.09	8.35	3.92
MRPLK1LOAD_COS		-8.00	-16.84	-14.62	-2.90	-3.17	4.52	-1.79	3.48	1.86	0.53	0.93	0.14	1.30	-0.02	-0.56	-0.94
MRPLK1LOAD_SIN		0.00	-9.32	-21.91	-14.49	-0.28	-1.18	3.38	5.37	-0.58	-0.63	-2.46	-0.06	2.03	1.55	1.18	0.83
PITCHRH_COS		3316.10	-7030.14	3426.57	33.88	-184.42	-296.30	-153.90	-26.44	-109.53	46.29	-36.92	88.36	47.03	35.78	-6.22	-100.29
PITCHRH_SIN		0.00	2524.23	-2602.32	-380.22	-45.90	962.73	206.23	101.85	86.14	-50.09	-197.30	1.60	-17.57	-11.97	-16.65	128.76
ROLLRH_COS		1068.06	-2847.70	2761.91	344.08	-654.63	-1952.45	110.71	-77.48	-8.12	59.23	207.84	27.69	-32.88	-31.85	20.02	129.20
ROLLRH_SIN		0.00	-7082.77	3711.16	91.83	-115.11	969.82	-105.87	-110.61	-123.14	7.06	-58.17	68.69	49.73	21.99	-1.26	179.09
TORQ_COS		105024.29	638.92	124.80	498.03	35.93	-66.05	11.06	-14.42	-13.84	2.33	-17.85	-5.29	3.23	-1.22	-3.87	3.39
TORQ_SIN		0.00	-182.95	-116.19	-92.74	146.35	44.24	10.03	92.58	-26.75	0.23	68.23	7.33	-6.31	5.34	-4.73	-0.67
THRUST_COS		5494.59	-27.11	84.66	34.60	10.18	46.64	3.68	22.29	6.22	-2.73	-8.74	-4.18	0.32	2.48	-3.45	-16.41
THRUST_SIN		0.00	608.52	-7.79	-80.42	5.82	-93.33	18.77	34.30	-3.03	1.50	61.50	6.77	-0.72	0.36	3.77	-20.14

RUN	POINT	Harmonics															
55	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.91	15.51	-77.67	11.38	53.15	31.39	6.22	1.15	-0.48	-1.42	-7.07	-1.41	0.15	1.18	-0.71	-3.69
SIDERH_SIN		0.00	212.30	-66.33	-13.83	-78.19	-117.97	-3.00	3.28	2.61	-0.11	-3.11	-2.75	-1.92	-0.31	0.03	-4.92
DRAGRH_COS		-150.11	241.30	13.85	-20.97	-16.10	87.49	-27.18	-3.36	-1.84	-4.12	-0.95	-4.95	-1.50	-1.50	0.79	5.08
DRAGRH_SIN		0.00	-1.54	83.91	7.38	23.57	56.97	-13.80	-4.77	-5.91	3.64	7.54	2.11	1.75	1.33	1.48	-6.83

RUN	POINT	Harmonics															
55	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.58	-2.66	-8.19	-0.75	-0.95	-0.20	0.15	-0.07	-0.33	-0.01	0.05	0.03	-0.01	-0.08	-0.03	-0.03
ACT1FORCE_SIN		0.00	17.18	-1.94	-2.46	1.34	0.34	0.14	0.38	0.18	-0.04	-0.04	-0.11	0.04	0.02	0.00	-0.06
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		430.19	10.00	71.94	10.84	8.79	1.65	-2.73	0.00	0.02	0.02	0.00	-0.01	-0.02	0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-133.13	14.89	27.48	-11.37	-1.75	2.82	-0.01	-0.02	0.01	0.03	0.00	-0.01	-0.02	0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		375.39	-9.90	-72.10	-10.96	-8.77	-1.65	2.72	0.01	-0.02	-0.02	0.00	0.01	0.02	0.00	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	133.39	-14.78	-27.56	11.34	1.77	-2.84	0.00	0.02	-0.02	-0.03	0.00	0.01	0.02	-0.01	0.00
MRBLD1CB42P75_COS		-866.61	-1803.79	489.59	-52.21	-174.22	-64.34	-70.28	-8.65	12.87	-24.53	11.61	15.11	-3.42	-8.19	1.83	-2.82
MRBLD1CB42P75_SIN		0.00	1253.44	17.33	108.84	308.22	-89.67	-24.36	-52.85	9.22	32.31	-79.22	7.93	4.35	6.17	-5.07	22.14

RUN	POINT	Harmonics															
55	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4504.80	-1338.73	369.76	-145.85	-119.42	-56.52	-92.25	-5.22	13.63	-16.71	-6.53	11.54	1.16	-3.46	-1.89	2.91
MRBLD1CB70_SIN		0.00	968.21	-98.25	195.41	454.24	-126.19	50.13	-41.21	13.48	33.57	-34.34	-0.90	0.37	2.52	-9.15	28.65
MRBLD1CB120_COS		-232.89	-773.65	298.70	-38.75	-33.85	-36.11	-85.87	22.24	3.76	10.57	-10.07	-11.21	3.37	3.75	3.57	-1.82
MRBLD1CB120_SIN		0.00	744.13	-113.33	175.66	490.81	-93.09	87.55	-68.18	-21.59	-38.19	45.47	2.41	3.53	-0.57	-0.79	2.73
MRBLD1CB164_COS		-1991.18	-256.39	68.50	31.96	-17.45	-28.60	-39.93	19.56	-7.30	12.77	2.74	-10.17	-0.46	1.76	-2.81	-1.78
MRBLD1CB164_SIN		0.00	286.32	-36.90	94.00	203.67	-37.35	42.79	-13.63	-33.20	-47.48	32.27	8.93	4.13	1.41	9.05	-18.50
MRBLD1FB42P75_COS		2534.35	429.68	80.29	794.26	-20.12	-93.82	-101.75	-132.83	-78.57	-90.50	-26.38	11.00	-2.67	-0.25	2.71	36.89
MRBLD1FB42P75_SIN		0.00	-228.76	381.30	417.40	440.78	195.13	11.88	-223.55	-21.22	-62.47	-105.67	13.47	6.07	-2.71	-33.27	20.38
MRBLD1FB70_COS		618.53	102.01	25.82	226.61	-19.96	-22.22	-21.02	-12.81	-1.99	-0.57	0.73	1.19	0.91	0.76	-0.64	-6.70
MRBLD1FB70_SIN		0.00	-247.04	158.66	106.21	133.52	29.77	2.47	-32.13	4.18	5.56	2.77	1.56	1.63	1.45	6.25	-4.98
MRBLD1FB87_COS		65.95	117.66	-27.27	114.02	-20.47	-13.30	-2.18	10.45	12.67	17.93	8.01	-1.32	2.03	0.55	-0.03	-7.70
MRBLD1FB87_SIN		0.00	-300.14	115.92	61.74	50.08	4.46	-2.54	18.24	1.62	11.62	26.38	-1.49	0.94	2.48	9.34	-1.37
MRBLD1FB120_COS		-300.68	144.41	-111.50	93.99	-16.57	-16.54	1.03	12.64	-5.74	-7.39	-8.54	-5.58	-5.13	-1.36	0.52	12.67
MRBLD1FB120_SIN		0.00	-428.65	125.57	142.44	10.75	3.24	3.27	53.57	-3.20	-8.86	-14.00	-4.00	-5.22	-6.55	-14.92	2.12
MRBLD1FB164_COS		53.44	125.11	-20.67	80.20	63.85	53.62	32.78	-6.97	2.26	9.55	7.95	2.08	1.81	-1.69	-3.00	-6.89
MRBLD1FB164_SIN		0.00	-550.51	210.20	260.86	-53.03	-31.46	-16.11	-75.08	5.22	12.14	20.24	-0.63	2.16	2.05	6.05	-1.42

RUN	POINT	Harmonics															
55	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.27	-20.85	31.39	12.79	51.92	49.70	17.91	-11.60	5.50	27.09	14.81	-14.77	-12.29	-6.48	0.39	15.38
MRBLD1FB180_SIN		0.00	-390.16	147.82	147.72	-50.52	-12.70	-10.69	-69.13	4.97	24.53	53.18	-11.42	-13.36	-11.85	-17.62	2.69
MRBLD1TOR51_COS		-1479.67	175.96	54.78	39.28	9.99	-17.06	17.28	-16.38	-4.80	1.24	0.99	-1.94	-1.77	0.46	3.97	2.39
MRBLD1TOR51_SIN		0.00	-122.67	151.03	81.80	23.67	17.93	-34.28	-40.76	-2.02	2.04	9.07	-3.29	-5.06	-5.06	-4.64	4.00
MRBLD1TOR71_COS		-304.06	197.38	24.42	21.35	22.01	-5.46	26.05	-13.49	-1.54	3.25	0.54	-2.14	-0.72	0.58	2.51	1.41
MRBLD1TOR71_SIN		0.00	-114.45	125.95	39.61	-6.64	16.02	-28.01	-24.21	1.23	4.51	13.94	-4.09	-4.10	-3.36	-1.71	2.67
MRBLD1TOR130_COS		-47.25	173.04	31.52	-7.22	28.57	1.14	22.97	-7.54	0.14	0.60	8.19	-0.37	-0.77	-1.46	-2.72	-2.17
MRBLD1TOR130_SIN		0.00	-84.19	73.17	23.28	-22.42	8.08	-19.68	-25.07	0.29	-3.37	1.92	1.80	1.74	2.65	3.14	-0.97
MRBLD1TOR164_COS		-269.82	92.63	28.05	-21.54	7.43	-6.16	6.31	-5.53	1.86	2.36	1.24	-0.50	0.20	-0.34	-0.46	-1.02
MRBLD1TOR164_SIN		0.00	-15.73	12.24	-31.95	-6.99	7.60	-9.95	-9.10	1.09	1.65	3.45	-2.92	-0.34	0.65	0.32	-0.20
MRFBM2CB26P5_COS		1707.05	-1157.09	-240.07	-49.71	-63.33	-2.39	22.22	-0.93	-0.30	-5.49	7.44	0.12	0.77	-0.07	1.03	-0.87
MRFBM2CB26P5_SIN		0.00	-237.79	68.52	72.34	54.20	-15.68	3.94	4.13	0.96	0.32	-12.46	1.44	0.33	0.51	-1.14	-0.46
MRFBM2FB9_COS		751.51	-168.60	225.59	29.34	-62.47	24.87	0.36	-9.20	-2.27	2.48	0.01	-0.20	-0.32	-0.50	0.60	-0.52
MRFBM2FB9_SIN		0.00	-567.56	14.22	251.77	-30.59	-15.61	16.22	-5.92	-4.47	-2.50	3.08	0.40	0.25	-0.29	0.94	-1.74
MRFBM2TOR26P5_COS		-163.41	288.79	-3.04	1.22	-0.22	-0.54	0.80	0.37	0.19	0.19	-0.17	0.13	0.10	0.02	-0.09	0.07
MRFBM2TOR26P5_SIN		0.00	1.86	0.99	-1.28	-0.19	0.06	0.14	0.03	-0.15	-0.05	0.12	0.20	0.06	0.10	-0.06	-0.05

RUN	POINT	Harmonics															
55	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		416.01	-1389.28	399.71	1.43	-119.83	-58.61	-63.58	-9.22	12.27	-13.35	8.31	11.96	-0.42	-4.99	5.76	-3.64
MRPC1CB33P25_SIN		0.00	1120.76	7.25	37.56	189.36	-42.32	-34.09	-49.67	-6.24	0.35	-63.73	7.24	3.23	3.86	-6.07	19.47
MRPC1FB33P25_COS		1805.18	344.60	-59.40	609.81	-106.39	-128.83	-89.67	-15.41	-44.16	-29.09	46.49	4.10	-2.55	1.23	28.90	1.92
MRPC1FB33P25_SIN		0.00	4.02	300.58	480.54	372.60	127.56	-19.95	-241.42	-60.52	-96.78	-95.77	17.28	2.70	-0.12	-16.14	47.61
MRPC1TOR25P5_COS		-375.58	-99.34	-86.93	-3.13	-21.70	20.46	-18.97	16.83	7.13	1.80	8.49	4.61	2.15	-1.86	-4.54	-5.48
MRPC1TOR25P5_SIN		0.00	-139.59	-154.49	-72.71	-2.83	-20.67	42.03	37.40	-0.79	-7.47	-14.27	5.87	8.61	8.47	8.92	1.72
MRPLK1LOAD_COS		-8.38	-16.63	-11.16	-2.37	-4.42	4.24	-3.51	2.60	2.17	0.19	1.76	0.33	0.26	-0.38	-0.93	-1.34
MRPLK1LOAD_SIN		0.00	-12.29	-21.70	-13.26	-0.98	-3.17	5.88	5.82	-0.06	-0.72	-1.14	-0.20	0.96	1.43	1.41	0.37
PITCHRH_COS		8970.20	-10004.05	-1746.11	86.31	59.48	-149.09	12.91	-159.98	86.22	-34.85	115.28	3.98	-40.28	13.43	-37.20	-84.78
PITCHRH_SIN		0.00	37.37	-178.60	143.56	2.12	859.15	-74.61	48.26	-54.50	9.37	-253.49	16.54	-35.73	27.74	-9.53	89.33
ROLLRH_COS		3013.64	70.01	288.88	-208.16	312.94	-2617.30	-281.08	135.48	108.68	155.18	219.77	-39.50	26.27	-75.55	67.49	130.37
ROLLRH_SIN		0.00	-10040.75	-1846.47	151.26	542.47	828.95	-67.30	-78.39	20.32	-2.21	36.90	-35.24	-36.41	36.11	-44.53	271.34
TORQ_COS		106624.14	476.34	-22.95	-49.75	72.53	-20.64	3.16	10.86	-0.98	2.35	-10.29	-2.92	3.42	-2.67	-6.57	4.18
TORQ_SIN		0.00	1806.17	27.04	134.43	-291.65	54.86	16.68	9.81	3.27	-7.18	54.59	2.27	-6.20	5.51	-3.99	0.31
THRUST_COS		5818.51	-315.99	-28.02	15.00	2.19	48.33	8.94	11.27	-0.45	-5.28	-0.69	-6.64	-4.36	-3.37	0.18	-9.56
THRUST_SIN		0.00	-537.15	8.97	16.56	40.31	-82.48	4.92	-2.09	-4.51	4.24	48.47	-5.53	2.08	0.06	6.95	-26.77

RUN	POINT	Harmonics															
55	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.08	36.85	-0.90	4.54	-53.22	54.01	14.87	-2.84	-4.16	-7.34	-7.73	1.72	-1.09	1.90	-2.25	-3.61
SIDERH_SIN		0.00	218.69	28.12	4.55	-0.09	-150.44	-0.40	1.52	-0.11	1.20	-6.94	2.39	0.81	-1.25	0.92	-7.83
DRAGRH_COS		-93.72	211.74	0.90	6.38	27.32	141.64	-23.13	0.31	1.28	-2.64	-12.24	2.10	0.88	1.23	2.27	4.68
DRAGRH_SIN		0.00	-35.03	-14.45	-3.88	-3.10	184.50	-3.42	2.66	1.13	1.88	8.26	-2.58	2.86	-0.44	0.91	-4.33

RUN	POINT	Harmonics															
55	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.01	-2.58	-8.44	-0.52	-0.85	-0.19	0.18	-0.13	-0.34	-0.06	0.11	-0.02	0.08	-0.08	0.03	-0.01
ACT1FORCE_SIN		0.00	17.39	-2.15	-2.68	1.41	0.37	0.24	0.41	0.22	0.03	0.00	-0.11	0.06	0.04	-0.01	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		432.71	9.79	71.92	10.17	7.39	2.14	-2.81	0.00	0.01	0.02	0.01	-0.03	-0.01	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-133.84	18.06	27.24	-12.02	-2.20	1.01	0.00	-0.02	0.01	0.04	0.00	-0.01	-0.01	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		372.86	-9.70	-72.09	-10.29	-7.37	-2.13	2.80	0.00	-0.01	-0.02	0.00	0.03	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	134.10	-17.96	-27.32	12.00	2.22	-1.01	0.00	0.02	0.00	-0.03	0.00	0.01	0.01	0.01	-0.01
MRBLD1CB42P75_COS		-865.89	-1712.69	493.14	-7.89	-164.71	-38.11	-71.67	-25.33	10.83	-17.68	4.24	13.92	1.54	-5.24	-5.83	1.62
MRBLD1CB42P75_SIN		0.00	1235.41	18.37	89.64	376.61	-67.64	-13.24	-21.46	-3.82	33.95	-76.61	-12.94	3.68	4.20	-4.03	22.19

RUN	POINT	Harmonics															
55	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4502.26	-1284.35	367.61	-93.82	-123.25	28.62	-103.92	-16.06	14.33	-11.03	-9.98	9.96	1.58	-2.55	-9.62	6.99
MRBLD1CB70_SIN		0.00	969.70	-104.39	180.46	531.04	-103.67	56.35	-18.48	6.85	33.07	-32.19	-14.91	-0.94	2.70	-8.82	28.64
MRBLD1CB120_COS		-224.53	-752.59	305.14	9.97	-33.03	73.64	-101.49	22.55	2.14	-2.78	-4.95	-9.65	0.45	2.75	2.63	-3.09
MRBLD1CB120_SIN		0.00	762.05	-120.50	160.07	546.17	-77.74	80.92	-70.08	-7.27	-39.62	45.11	11.41	2.89	0.96	-2.18	3.30
MRBLD1CB164_COS		-1989.90	-251.87	70.67	52.59	-20.35	16.82	-47.77	26.11	-10.83	0.29	5.00	-9.49	-1.37	0.57	2.05	-4.07
MRBLD1CB164_SIN		0.00	295.42	-38.77	83.76	220.79	-27.67	36.13	-25.59	-18.71	-48.38	31.27	17.24	4.18	0.50	10.44	-18.52
MRBLD1FB42P75_COS		2558.58	416.15	106.87	781.77	23.99	-89.03	-102.80	-152.03	-67.69	-104.49	-32.07	3.39	4.91	1.29	-5.01	39.25
MRBLD1FB42P75_SIN		0.00	-230.14	395.50	332.79	435.50	211.67	18.70	-165.15	-3.84	-39.05	-95.70	1.82	5.38	-3.56	-18.29	15.55
MRBLD1FB70_COS		621.26	108.71	35.72	228.49	-4.84	-15.99	-21.17	-15.64	-0.51	-0.84	0.21	0.93	0.06	0.47	1.16	-7.23
MRBLD1FB70_SIN		0.00	-255.48	165.32	76.13	138.82	34.95	3.45	-22.24	4.44	5.56	2.49	1.16	1.18	1.01	2.75	-4.48
MRBLD1FB87_COS		63.52	122.67	-21.30	115.86	-14.02	-11.03	-1.88	12.50	11.78	20.47	9.92	1.80	1.22	1.00	2.39	-7.27
MRBLD1FB87_SIN		0.00	-310.51	120.86	43.81	52.12	6.59	-3.20	12.77	-0.82	7.17	23.68	1.47	1.20	2.94	6.29	-0.03
MRBLD1FB120_COS		-310.50	145.34	-111.16	93.29	-19.44	-20.69	-0.22	16.23	-7.51	-7.56	-9.03	-7.42	-4.68	-1.99	-3.19	12.32
MRBLD1FB120_SIN		0.00	-443.88	133.49	120.72	8.76	4.16	5.30	42.28	-2.25	-6.99	-11.97	-4.55	-4.52	-6.34	-10.03	-0.04
MRBLD1FB164_COS		51.77	126.08	-13.30	73.24	52.14	46.86	36.82	-11.23	5.28	10.96	8.32	4.62	1.99	-1.78	-1.26	-6.91
MRBLD1FB164_SIN		0.00	-571.90	223.53	235.13	-68.47	-53.96	-23.06	-60.96	2.68	9.15	17.29	1.08	2.25	3.03	4.09	-0.23

RUN	POINT	Harmonics															
55	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		2.65	-20.29	39.39	9.90	44.78	48.54	21.37	-14.86	8.09	32.14	17.15	-9.28	-13.54	-7.99	-3.79	14.79
MRBLD1FB180_SIN		0.00	-404.08	155.65	137.55	-61.16	-27.87	-15.55	-55.50	2.09	15.79	49.20	-2.61	-9.89	-8.69	-11.01	0.36
MRBLD1TOR51_COS		-1475.62	179.03	60.99	36.04	7.92	-9.33	28.61	-17.97	-6.14	1.98	2.86	-2.38	-2.80	-0.81	2.48	2.58
MRBLD1TOR51_SIN		0.00	-125.23	157.96	72.81	26.97	28.62	-41.04	-35.78	-1.70	4.27	8.53	-0.96	-4.19	-4.45	-4.25	3.60
MRBLD1TOR71_COS		-302.48	199.57	29.10	16.82	18.47	-0.78	36.75	-12.60	-3.48	4.21	3.26	-2.61	-1.73	-0.44	1.13	1.37
MRBLD1TOR71_SIN		0.00	-117.08	132.01	34.87	-6.13	24.37	-34.44	-22.45	1.01	7.01	13.22	-1.15	-3.83	-3.10	-1.59	2.42
MRBLD1TOR130_COS		-46.30	174.54	34.09	-11.60	23.37	3.30	31.22	-7.25	-2.26	-0.83	9.88	0.10	-0.13	-0.67	-3.08	-2.10
MRBLD1TOR130_SIN		0.00	-86.18	76.89	23.99	-24.09	13.42	-23.86	-23.65	0.31	0.07	1.37	1.01	1.35	2.24	3.10	-0.52
MRBLD1TOR164_COS		-269.64	93.89	29.11	-23.75	5.92	-5.07	9.97	-4.66	0.13	2.18	2.63	-0.51	0.53	0.17	-2.08	-1.01
MRBLD1TOR164_SIN		0.00	-14.66	12.53	-26.35	-5.78	14.25	-11.24	-8.76	0.76	3.42	3.56	-2.70	-0.54	0.59	0.19	-0.06
MRFBM2CB26P5_COS		1764.81	-1428.43	-261.60	-49.15	-64.43	-4.39	23.78	-2.36	-1.26	-5.24	8.77	0.03	0.65	-0.53	1.16	-1.38
MRFBM2CB26P5_SIN		0.00	387.94	113.60	82.91	69.85	-22.96	3.66	6.19	-1.49	1.95	-13.96	1.83	-0.74	-0.10	-0.92	-0.14
MRFBM2FB9_COS		956.77	-294.05	211.19	33.40	-65.84	25.95	1.03	-10.33	-1.86	2.26	-0.38	-0.39	0.14	-0.33	0.56	-0.48
MRFBM2FB9_SIN		0.00	-1161.01	6.40	258.61	-38.05	-17.41	16.37	-3.84	-3.89	-2.80	3.56	0.12	0.38	-0.15	0.78	-1.84
MRFBM2TOR26P5_COS		-161.22	287.53	-3.86	1.27	-0.21	-0.68	0.81	0.33	0.24	0.28	-0.24	0.12	0.06	0.02	-0.05	0.06
MRFBM2TOR26P5_SIN		0.00	2.86	0.66	-1.50	-0.26	0.01	0.18	0.20	-0.16	-0.10	0.16	0.16	0.10	0.10	-0.06	-0.07

RUN	POINT	Harmonics															
55	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		416.24	-1325.98	408.20	29.14	-101.75	-60.44	-61.38	-20.03	6.73	-14.78	3.74	10.65	4.00	-2.97	-0.74	-0.48
MRPC1CB33P25_SIN		0.00	1094.62	13.51	20.15	229.88	-26.92	-26.27	-26.87	-12.86	1.89	-61.39	-5.55	2.22	2.84	-5.50	19.50
MRPC1FB33P25_COS		1827.85	333.02	-37.92	616.25	-68.96	-127.36	-92.78	-53.94	-44.22	-51.32	37.86	7.35	3.39	3.52	11.25	7.28
MRPC1FB33P25_SIN		0.00	4.05	315.23	408.65	378.38	142.26	-14.10	-202.70	-42.62	-87.06	-92.08	3.78	7.38	0.42	-13.30	46.84
MRPC1TOR25P5_COS		-377.65	-102.20	-92.96	3.00	-18.23	12.60	-30.98	17.66	6.97	-0.43	7.59	5.63	4.42	0.27	-6.08	-5.29
MRPC1TOR25P5_SIN		0.00	-139.72	-160.65	-65.87	-3.78	-31.80	50.75	33.96	-1.11	-7.49	-13.24	1.61	7.19	7.65	8.74	2.52
MRPLK1LOAD_COS		-8.70	-16.98	-12.03	-1.57	-3.91	2.94	-4.97	2.99	1.73	-0.29	1.97	0.42	0.57	0.05	-1.47	-1.29
MRPLK1LOAD_SIN		0.00	-12.36	-22.47	-12.11	-1.19	-4.75	7.24	5.05	-0.26	-0.19	-1.01	-0.71	0.68	1.23	1.35	0.59
PITCHRH_COS		11629.73	-10829.98	-3342.27	113.62	65.70	-142.89	56.81	-153.30	-41.52	-25.65	94.90	-9.19	-51.56	-14.87	-59.99	-78.48
PITCHRH_SIN		0.00	-663.29	525.30	372.50	-49.35	1110.84	-156.61	-43.59	-144.50	43.88	-324.01	41.59	-78.92	42.70	48.73	95.68
ROLLRH_COS		3884.15	823.01	-398.38	-352.65	704.74	-2713.29	-223.04	100.42	107.68	188.64	240.19	-112.87	44.76	-18.65	67.84	151.63
ROLLRH_SIN		0.00	-10695.75	-3411.11	75.90	754.79	883.90	58.71	-38.91	-46.20	11.17	-19.94	-84.67	-72.67	37.30	-52.27	175.72
TORQ_COS		106987.48	487.70	-19.62	-258.14	113.80	-10.48	-9.64	30.31	7.96	1.33	-8.05	-2.10	-0.47	-0.45	-6.70	5.71
TORQ_SIN		0.00	2413.85	138.05	220.49	-471.34	34.83	15.17	-6.63	19.47	-10.42	60.03	0.91	-3.43	7.06	-4.00	-0.96
THRUST_COS		5980.80	-403.19	-56.66	2.18	-5.33	47.52	6.58	17.29	-4.67	-5.94	2.70	-6.05	-6.09	-5.30	0.68	-8.08
THRUST_SIN		0.00	-851.91	21.52	51.02	53.95	-81.59	1.08	-12.60	-6.01	11.19	52.46	-6.77	3.07	0.87	8.77	-26.79

RUN	POINT	Harmonics															
55	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.91	45.93	22.29	4.17	-117.47	65.04	12.80	-1.65	-4.24	-8.52	-8.44	4.64	-1.64	0.44	-2.21	-4.12
SIDERH_SIN		0.00	214.08	42.61	4.99	22.48	-155.99	-9.62	1.02	2.45	1.10	-4.89	4.90	2.52	-1.37	1.36	-4.94
DRAGRH_COS		-63.13	200.76	-4.14	15.97	43.27	120.40	-40.50	6.54	4.94	-3.64	-10.75	4.61	3.80	2.13	2.72	4.43
DRAGRH_SIN		0.00	-52.32	-42.52	-5.06	-5.08	168.77	17.56	0.66	-0.96	-2.38	12.32	-6.99	3.41	-1.29	-1.67	-4.05

RUN	POINT	Harmonics															
55	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.71	-2.65	-8.14	-0.58	-0.99	-0.18	0.23	-0.16	-0.24	0.01	0.07	-0.01	0.03	-0.11	-0.01	-0.06
ACT1FORCE_SIN		0.00	17.06	-2.27	-2.40	1.34	0.26	0.25	0.29	0.21	0.02	0.03	-0.07	0.09	0.01	0.01	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		430.98	10.09	71.42	11.26	8.28	3.46	-4.09	0.00	0.01	0.01	0.01	-0.01	-0.01	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-131.60	17.67	25.04	-9.60	-1.54	1.45	-0.01	-0.01	0.00	0.02	0.00	0.00	-0.01	-0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		374.58	-10.00	-71.57	-11.38	-8.26	-3.46	4.08	0.01	-0.01	-0.01	-0.01	0.01	0.01	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	131.87	-17.56	-25.12	9.57	1.55	-1.46	0.00	0.01	0.00	-0.02	0.00	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS		-866.04	-1768.33	489.38	27.21	-198.36	-22.24	-66.32	-10.41	-2.74	-25.31	11.97	15.56	-4.01	-3.26	-6.81	-3.03
MRBLD1CB42P75_SIN		0.00	996.52	-7.43	84.90	509.46	-75.34	-19.22	9.49	-11.95	21.84	-84.03	-3.15	2.76	4.79	-10.14	19.49

RUN	POINT	Harmonics															
55	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4507.97	-1309.43	365.44	-77.50	-151.14	79.38	-88.65	-2.73	7.35	-20.00	-0.78	13.58	-2.52	2.10	-9.97	3.50
MRBLD1CB70_SIN		0.00	802.43	-130.34	192.44	732.46	-115.85	58.32	-12.52	3.93	23.59	-44.26	-7.58	-3.42	2.98	-14.13	25.58
MRBLD1CB120_COS		-221.86	-760.03	297.09	12.75	-53.69	132.28	-83.29	33.57	6.13	3.55	-11.13	-10.30	3.09	2.39	3.62	-1.64
MRBLD1CB120_SIN		0.00	669.71	-133.68	190.70	720.40	-90.54	93.99	-90.79	2.97	-29.58	51.19	8.48	1.99	0.69	-2.20	2.24
MRBLD1CB164_COS		-1987.67	-253.13	66.24	52.68	-27.91	41.98	-38.82	28.83	-4.72	9.54	-5.41	-11.67	2.24	-1.93	2.37	-2.08
MRBLD1CB164_SIN		0.00	266.76	-42.67	104.35	286.24	-32.89	46.67	-43.68	-10.30	-35.44	40.96	12.71	5.41	-0.54	12.47	-16.77
MRBLD1FB42P75_COS		2551.52	438.14	86.45	831.54	-17.37	-93.88	-100.45	-113.43	-76.81	-88.64	-29.30	4.64	-1.23	-0.45	-9.70	33.26
MRBLD1FB42P75_SIN		0.00	-184.34	412.00	432.22	413.35	189.75	6.32	-145.85	2.57	-48.78	-73.35	5.98	8.20	1.34	-22.71	16.94
MRBLD1FB70_COS		621.31	113.45	31.00	246.58	-15.65	-14.19	-20.52	-8.55	-2.43	-1.12	0.15	1.12	0.66	0.97	2.70	-5.17
MRBLD1FB70_SIN		0.00	-253.25	169.63	109.72	144.89	29.21	0.78	-18.05	5.21	4.86	1.63	0.85	0.98	0.16	3.38	-4.59
MRBLD1FB87_COS		64.93	126.12	-24.08	125.87	-18.22	-10.22	-2.14	8.41	13.03	17.66	8.77	0.51	1.79	0.17	2.23	-7.29
MRBLD1FB87_SIN		0.00	-303.01	122.87	63.15	52.87	5.95	-2.29	10.94	-1.43	9.59	19.88	1.14	0.98	2.28	7.57	-0.28
MRBLD1FB120_COS		-305.39	147.56	-115.90	102.66	-19.27	-21.83	2.03	6.33	-4.59	-6.86	-8.18	-5.67	-4.17	-0.57	-2.97	11.90
MRBLD1FB120_SIN		0.00	-426.11	132.17	137.79	5.33	4.25	7.90	35.40	-4.80	-7.44	-10.98	-5.46	-4.97	-5.82	-12.18	0.62
MRBLD1FB164_COS		51.08	129.30	-22.35	82.95	57.11	42.59	31.63	2.41	-0.17	8.40	7.54	2.69	1.95	-2.48	-1.22	-7.11
MRBLD1FB164_SIN		0.00	-545.69	222.27	248.34	-72.50	-47.01	-20.76	-49.67	5.74	9.47	14.59	1.36	2.26	2.19	4.97	-0.41

RUN	POINT	Harmonics															
55	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-0.49	-16.22	32.34	12.24	49.27	44.77	15.13	-2.42	2.98	26.24	13.73	-12.16	-10.56	-6.11	-2.99	15.07
MRBLD1FB180_SIN		0.00	-388.75	156.11	139.94	-61.36	-22.57	-14.71	-43.98	4.05	20.00	40.86	-6.32	-13.51	-10.56	-14.58	0.43
MRBLD1TOR51_COS		-1477.19	180.42	51.25	40.04	6.69	-2.12	33.98	-13.81	-7.50	1.27	2.07	-2.42	-2.19	-0.09	4.28	3.27
MRBLD1TOR51_SIN		0.00	-124.16	157.14	78.82	32.91	33.76	-51.86	-35.87	-0.67	4.31	7.57	-1.65	-4.61	-4.25	-3.54	3.85
MRBLD1TOR71_COS		-302.73	201.32	21.55	19.05	19.87	3.88	41.90	-10.26	-4.25	3.12	2.17	-2.73	-0.29	0.40	1.74	1.49
MRBLD1TOR71_SIN		0.00	-112.31	131.77	37.35	-4.61	30.05	-44.11	-24.84	2.52	7.00	11.92	-1.58	-4.04	-3.54	-1.42	2.71
MRBLD1TOR130_COS		-46.85	175.27	28.93	-10.64	26.70	5.27	36.74	-4.35	-3.87	-0.10	7.53	-0.50	0.75	-0.51	-4.82	-3.13
MRBLD1TOR130_SIN		0.00	-82.55	77.29	20.66	-22.69	17.79	-31.14	-24.91	2.06	-0.16	2.14	2.59	1.11	1.19	1.80	-0.72
MRBLD1TOR164_COS		-269.39	93.89	27.01	-24.49	7.07	-3.41	14.01	-3.75	-0.30	1.39	1.47	-0.61	1.45	0.37	-2.94	-1.60
MRBLD1TOR164_SIN		0.00	-15.44	13.31	-31.87	-4.35	15.40	-14.54	-10.56	1.84	3.30	2.72	-1.95	-0.73	-0.26	-1.42	-0.48
MRFBM2CB26P5_COS		1847.85	-1659.97	-272.91	-71.72	-87.63	4.32	26.28	-1.56	-2.20	-5.04	8.97	-0.62	0.98	-1.12	1.57	-1.32
MRFBM2CB26P5_SIN		0.00	926.62	181.63	92.68	102.41	-36.28	1.35	12.23	-2.14	1.79	-12.52	2.10	-0.32	0.03	-1.08	-0.33
MRFBM2FB9_COS		1086.19	-372.82	166.82	11.28	-65.86	29.90	2.29	-9.64	-2.87	2.84	-0.45	-0.43	0.09	-0.42	0.65	-0.09
MRFBM2FB9_SIN		0.00	-1684.03	-5.72	306.35	-42.33	-17.94	16.31	-1.33	-3.77	-2.93	4.16	-0.19	0.42	-0.12	0.90	-1.48
MRFBM2TOR26P5_COS		-158.38	285.37	-5.00	1.38	-0.14	-0.84	0.72	0.27	0.22	0.26	-0.22	0.08	0.01	-0.01	-0.02	0.08
MRFBM2TOR26P5_SIN		0.00	8.35	0.91	-2.01	-0.26	-0.18	0.13	0.28	-0.24	0.03	0.19	0.11	0.12	0.10	-0.10	-0.02

RUN	POINT	Harmonics															
55	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		407.56	-1402.25	402.35	61.13	-124.07	-62.38	-59.86	-3.96	-5.13	-16.68	6.28	11.15	0.53	-1.63	-0.72	-4.31
MRPC1CB33P25_SIN		0.00	899.10	-1.22	4.34	284.42	-32.29	-30.27	-1.41	-15.42	-2.91	-61.34	0.72	2.79	4.09	-11.30	16.94
MRPC1FB33P25_COS		1822.92	345.51	-58.48	640.43	-99.64	-125.12	-85.83	-29.58	-53.04	-33.25	28.14	5.70	-1.91	-0.72	11.27	1.18
MRPC1FB33P25_SIN		0.00	43.35	324.21	501.08	355.69	121.53	-23.21	-172.03	-41.44	-85.87	-73.36	8.24	5.37	2.85	-19.52	42.18
MRPC1TOR25P5_COS		-374.02	-102.47	-83.22	-0.16	-18.64	4.35	-35.50	14.07	7.25	1.45	6.45	4.73	4.53	0.01	-10.93	-8.89
MRPC1TOR25P5_SIN		0.00	-144.41	-160.40	-67.44	-6.38	-37.17	62.22	35.23	-1.29	-7.52	-11.02	5.21	7.42	6.12	5.67	1.60
MRPLK1LOAD_COS		-8.08	-17.08	-10.65	-2.11	-3.79	1.64	-5.13	2.33	1.65	-0.09	1.51	0.37	0.97	0.16	-2.45	-2.02
MRPLK1LOAD_SIN		0.00	-13.07	-22.44	-12.28	-1.93	-5.28	8.75	5.06	0.00	-0.41	-0.80	0.07	0.76	0.77	0.58	0.36
PITCHRH_COS		12738.75	-11607.73	-4968.63	36.25	192.60	-449.43	147.18	-132.06	5.06	20.45	110.45	-41.39	-43.35	-8.39	-75.70	-113.66
PITCHRH_SIN		0.00	-1390.42	1149.12	628.93	21.30	953.89	-46.70	-138.20	-182.32	67.70	-315.76	73.62	-75.95	58.30	59.58	84.06
ROLLRH_COS		4378.45	1614.81	-1120.98	-570.39	987.70	-2523.92	-338.78	103.49	184.12	236.81	247.44	-105.94	112.73	2.16	25.77	129.27
ROLLRH_SIN		0.00	-11396.48	-4935.72	7.43	1135.52	838.57	106.07	-29.33	-2.58	3.03	6.56	-102.65	-73.31	-10.41	-15.51	204.69
TORQ_COS		107205.62	434.73	3.68	-476.87	123.15	2.98	-18.53	16.80	18.64	0.69	-4.76	-1.07	-0.56	0.36	-5.65	5.61
TORQ_SIN		0.00	3026.08	245.82	286.37	-686.75	49.20	16.56	-53.13	28.00	-9.39	53.66	-0.70	-5.46	7.11	-3.19	0.00
THRUST_COS		5954.85	-471.89	-87.78	-6.27	-0.03	50.54	6.83	1.96	-8.60	-8.64	0.84	-3.37	-5.91	-6.11	-0.16	-3.53
THRUST_SIN		0.00	-1190.20	21.48	83.87	64.10	-62.72	-3.80	-19.55	-6.57	9.31	49.09	-7.08	0.16	-0.14	11.65	-23.00

RUN	POINT	Harmonics															
55	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.26	58.44	61.63	-1.07	-187.76	42.71	22.53	-2.99	-7.22	-11.01	-8.64	4.97	-3.51	-0.01	-1.21	-3.67
SIDERH_SIN		0.00	205.94	49.75	9.68	41.59	-139.44	-4.85	0.84	1.91	1.48	-5.51	6.38	2.73	-0.09	-0.05	-5.69
DRAGRH_COS		-43.36	190.50	-3.74	27.76	64.11	200.47	-34.15	9.25	5.16	-4.37	-12.27	5.87	3.24	1.94	3.62	6.63
DRAGRH_SIN		0.00	-68.85	-63.26	-7.04	-14.20	134.40	-2.74	8.73	-0.13	-3.94	10.63	-7.79	4.62	-1.76	-2.18	-3.30

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.61	-2.74	-8.98	-0.65	-0.72	-0.20	0.25	-0.09	-0.28	-0.08	0.11	0.04	0.06	-0.03	-0.02	-0.03
ACT1FORCE_SIN		0.00	17.32	-2.09	-2.71	1.30	0.28	0.19	0.48	0.21	-0.09	-0.07	-0.10	0.03	0.06	-0.02	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.80	12.19	75.37	9.28	6.36	3.13	-4.28	0.01	0.01	0.01	0.00	-0.02	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-132.39	16.79	27.00	-9.32	-3.04	1.24	0.01	-0.01	0.00	0.02	0.00	-0.02	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.76	-12.09	-75.54	-9.41	-6.33	-3.13	4.27	0.00	-0.01	-0.01	0.00	0.02	0.00	0.00	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	132.66	-16.67	-27.08	9.29	3.06	-1.25	-0.01	0.01	0.00	-0.02	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-864.63	-1730.64	517.35	-71.69	-136.96	-61.11	-63.52	-26.27	10.90	-22.37	10.31	14.64	-0.64	-5.04	0.73	-4.01
MRBLD1CB42P75_SIN		0.00	1425.17	33.17	119.44	237.44	-68.72	-20.06	-64.97	14.76	33.37	-84.42	5.06	12.33	4.80	-3.42	22.50

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4510.77	-1299.23	372.89	-148.18	-38.91	-55.47	-81.12	-26.54	9.26	-11.96	-19.58	10.93	2.37	-1.86	-0.39	3.80
MRBLD1CB70_SIN		0.00	1073.49	-83.33	194.67	351.08	-103.65	37.56	-39.51	15.45	36.65	-36.57	-3.27	6.20	0.18	-7.89	31.12
MRBLD1CB120_COS		-217.99	-764.50	290.66	-25.95	45.68	-30.60	-74.56	-1.51	-0.03	10.68	-5.23	-10.40	1.47	2.80	3.03	-2.55
MRBLD1CB120_SIN		0.00	777.38	-104.75	175.58	403.91	-82.91	64.34	-49.92	-25.47	-37.91	44.66	0.73	-0.91	0.00	-1.48	3.67
MRBLD1CB164_COS		-1984.45	-256.10	59.10	39.35	16.40	-29.18	-34.18	13.37	-10.21	9.41	16.98	-10.87	-2.52	-0.45	-4.52	-2.87
MRBLD1CB164_SIN		0.00	287.00	-34.54	93.82	171.83	-34.44	32.44	-4.41	-35.41	-49.73	32.74	8.67	0.39	3.27	9.43	-21.09
MRBLD1FB42P75_COS		2532.98	405.20	125.45	818.30	-38.72	-92.56	-107.48	-176.16	-81.45	-102.70	-5.12	10.35	0.74	0.63	0.20	37.39
MRBLD1FB42P75_SIN		0.00	-258.92	372.75	397.58	471.63	189.17	21.93	-198.24	-19.96	-63.09	-139.80	4.61	3.01	-6.31	-31.01	24.19
MRBLD1FB70_COS		615.56	104.40	43.01	234.90	-20.82	-19.64	-19.90	-19.49	-1.14	-0.52	0.36	1.00	0.74	0.93	0.58	-6.66
MRBLD1FB70_SIN		0.00	-249.22	158.23	99.93	133.04	28.89	3.14	-28.69	4.51	5.78	3.50	2.00	1.64	1.81	6.02	-5.35
MRBLD1FB87_COS		61.31	121.18	-16.24	119.38	-19.17	-12.54	-0.88	14.92	13.24	19.95	3.05	-1.40	0.86	0.47	0.45	-7.90
MRBLD1FB87_SIN		0.00	-306.26	116.74	56.66	50.28	3.84	-4.44	15.79	0.80	11.78	33.69	0.31	1.34	3.39	9.17	-1.84
MRBLD1FB120_COS		-309.34	147.89	-104.13	95.81	-13.55	-20.41	0.84	21.06	-6.87	-8.05	-6.92	-5.48	-4.19	-1.32	-0.54	12.58
MRBLD1FB120_SIN		0.00	-433.52	127.93	129.62	11.38	5.22	1.63	48.79	-3.24	-8.94	-15.96	-5.38	-5.81	-7.69	-14.79	2.68
MRBLD1FB164_COS		45.38	132.81	6.59	80.06	68.04	53.30	34.43	-18.48	3.43	10.27	4.06	1.81	1.39	-2.00	-2.56	-7.12
MRBLD1FB164_SIN		0.00	-554.30	212.85	244.25	-51.92	-40.06	-16.70	-69.70	4.73	13.69	25.07	1.26	2.94	3.04	5.94	-1.93

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-3.02	-16.21	50.36	10.95	53.46	52.79	19.11	-21.84	5.19	29.65	2.62	-15.83	-13.32	-6.52	-0.78	15.46
MRBLD1FB180_SIN		0.00	-393.90	148.91	142.45	-49.84	-18.75	-10.46	-63.87	4.22	24.89	68.46	-7.05	-13.50	-12.41	-18.25	3.00
MRBLD1TOR51_COS		-1478.72	179.22	67.97	38.04	8.04	-24.46	9.29	-24.34	-4.44	1.50	-3.15	-2.78	-1.43	0.66	4.07	2.16
MRBLD1TOR51_SIN		0.00	-125.46	156.11	86.95	19.05	11.15	-28.43	-34.56	-0.02	1.27	9.38	-2.46	-5.46	-4.97	-4.74	4.39
MRBLD1TOR71_COS		-304.78	199.43	34.70	19.59	18.98	-11.94	17.83	-18.55	-1.12	4.10	-4.48	-3.48	-0.80	0.76	2.43	1.23
MRBLD1TOR71_SIN		0.00	-119.40	130.26	44.50	-9.71	9.69	-22.99	-18.75	3.08	3.81	14.47	-2.73	-4.24	-3.38	-2.00	2.82
MRBLD1TOR130_COS		-47.78	175.02	39.25	-10.28	25.85	-3.93	15.31	-12.67	0.54	1.18	8.34	-1.22	-0.92	-1.02	-2.95	-2.08
MRBLD1TOR130_SIN		0.00	-87.79	76.65	28.19	-25.51	3.71	-16.01	-21.19	1.65	-4.47	0.78	2.45	2.58	2.22	2.91	-1.41
MRBLD1TOR164_COS		-269.44	93.62	28.84	-24.37	5.60	-8.56	2.01	-7.64	1.93	3.48	-0.17	-0.93	0.21	-0.02	-0.76	-0.77
MRBLD1TOR164_SIN		0.00	-17.96	13.96	-26.53	-9.50	6.94	-8.34	-7.00	1.36	1.08	3.11	-2.42	0.05	0.10	-0.30	-0.69
MRFBM2CB26P5_COS		1697.28	-1071.09	-245.92	-27.08	-53.04	-11.36	17.06	1.37	0.38	-5.71	12.38	-0.56	0.82	0.38	0.38	-1.04
MRFBM2CB26P5_SIN		0.00	-651.83	51.82	65.23	41.49	-7.12	1.79	0.26	1.78	-0.37	-12.29	1.06	-0.17	0.67	-1.27	-0.61
MRFBM2FB9_COS		650.21	-85.39	282.72	48.44	-60.56	21.30	0.32	-10.37	-1.40	2.60	-1.82	0.00	-0.04	-0.41	0.69	-0.41
MRFBM2FB9_SIN		0.00	-210.05	9.99	236.55	-35.65	-14.90	15.65	-6.27	-4.14	-1.99	2.92	0.35	0.33	-0.17	0.92	-1.89
MRFBM2TOR26P5_COS		-164.73	290.75	-3.23	1.19	-0.26	-0.46	0.96	0.26	0.13	0.18	-0.17	0.12	0.11	-0.01	-0.03	0.08
MRFBM2TOR26P5_SIN		0.00	1.60	1.09	-1.05	-0.43	0.20	0.12	-0.06	-0.11	0.04	0.09	0.18	0.07	0.12	-0.07	-0.04

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		417.70	-1315.81	433.20	-17.92	-119.19	-54.37	-59.29	-24.45	12.50	-13.68	15.98	12.13	2.25	-1.88	4.73	-4.76
MRPC1CB33P25_SIN		0.00	1258.81	14.96	57.09	157.62	-29.30	-26.34	-60.83	-3.38	-0.70	-70.35	5.13	7.35	3.60	-4.36	20.09
MRPC1FB33P25_COS		1804.46	324.55	-21.27	632.99	-126.78	-125.98	-97.11	-59.46	-47.03	-38.16	81.93	9.28	1.34	4.69	26.01	-0.93
MRPC1FB33P25_SIN		0.00	-22.19	296.07	467.92	392.16	123.99	-14.34	-238.71	-60.62	-102.82	-108.33	11.39	3.44	-2.49	-17.05	49.88
MRPC1TOR25P5_COS		-377.62	-100.85	-99.76	-0.97	-19.34	29.93	-11.44	22.77	6.45	1.95	14.25	5.05	1.72	-1.77	-5.43	-5.12
MRPC1TOR25P5_SIN		0.00	-132.47	-161.21	-78.15	0.58	-13.11	36.78	29.93	-2.01	-6.87	-16.27	5.66	10.99	7.64	8.18	0.59
MRPLK1LOAD_COS		-8.94	-16.92	-12.94	-2.04	-4.25	5.73	-2.72	3.47	2.13	0.39	2.35	0.22	0.16	-0.20	-1.11	-1.30
MRPLK1LOAD_SIN		0.00	-11.30	-22.39	-14.08	-0.42	-2.12	5.01	4.67	-0.07	-0.81	-1.62	-0.06	1.43	1.19	1.25	0.11
PITCHRH_COS		8464.36	-9370.90	-500.16	116.73	-9.05	-358.01	0.46	-160.95	86.63	19.65	127.23	-3.85	-4.63	20.08	-5.33	-134.29
PITCHRH_SIN		0.00	512.18	-688.26	-12.58	-22.68	979.71	-59.50	95.56	74.45	-31.85	-307.58	50.33	-20.10	1.46	-14.50	13.41
ROLLRH_COS		2789.13	-414.92	757.84	-35.27	81.49	-2442.19	34.82	57.30	132.13	137.10	235.05	-34.18	22.84	-77.19	88.39	157.01
ROLLRH_SIN		0.00	-9461.99	-440.10	130.36	284.69	778.51	-96.79	-80.30	-38.82	-5.00	4.24	-4.68	-33.07	16.10	8.69	213.43
TORQ_COS		106646.22	449.45	4.38	79.06	62.48	-28.37	2.83	11.51	-7.72	3.23	-28.59	-2.35	3.38	-2.85	-4.43	4.72
TORQ_SIN		0.00	1334.78	-53.52	116.45	-118.58	7.54	20.23	39.64	-4.24	-5.45	60.57	1.41	-3.60	5.92	-3.96	1.06
THRUST_COS		5821.69	-248.85	-2.38	25.68	-0.46	50.84	4.14	16.70	3.85	-7.19	-16.74	-7.56	-3.03	0.93	-1.14	-10.32
THRUST_SIN		0.00	-295.19	9.88	-2.92	24.25	-80.63	7.08	8.94	-4.23	0.56	59.39	-4.40	2.48	-1.00	4.54	-30.30

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.25	31.45	-15.52	4.82	-18.93	57.79	1.16	-1.36	-4.28	-5.99	-7.71	1.32	-0.75	1.94	-2.73	-4.32
SIDERH_SIN		0.00	218.38	3.69	4.33	-7.53	-129.29	-5.58	1.39	1.85	1.65	-5.80	0.74	0.98	-0.47	-0.59	-5.90
DRAGRH_COS		-103.18	213.79	9.22	-1.19	16.69	115.37	-30.11	-0.23	0.60	-3.77	-12.03	1.38	0.14	0.47	0.62	6.91
DRAGRH_SIN		0.00	-26.96	12.08	0.16	6.38	140.91	22.43	-3.88	-6.16	4.02	9.06	-3.20	1.17	-0.11	0.71	-1.33

RUN	POINT	Harmonics															
57	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-3.46	0.04	-0.79	0.44	0.56	0.07	0.12	-0.01	0.00	-0.05	-0.03	0.02	0.00	-0.02	0.02	0.00
ACT1FORCE_SIN		0.00	0.88	0.02	-0.21	-0.17	0.08	-0.16	-0.09	-0.01	0.04	0.01	0.02	-0.01	-0.03	0.01	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		256.06	0.11	9.89	-3.12	-4.65	0.30	-0.57	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-5.74	-1.33	0.10	0.43	-0.29	1.74	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		549.91	-0.10	-9.92	3.13	4.65	-0.30	0.56	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	5.75	1.36	-0.12	-0.45	0.28	-1.74	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3803.39	980.60	70.97	56.18	66.87	-31.48	-32.19	-12.35	-0.47	8.40	-6.68	-12.17	-0.43	2.68	-0.42	1.97
MRBLD1CB42P75_SIN		0.00	787.29	-39.76	-54.32	40.88	1.25	14.09	47.93	-4.49	2.00	-9.56	1.46	4.61	2.66	-2.73	1.05

RUN	POINT	Harmonics															
57	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2928.63	614.94	24.83	51.73	47.05	-19.25	0.22	-3.68	-0.76	8.73	-4.15	-8.54	-0.50	2.80	-2.39	2.26
MRBLD1CB70_SIN		0.00	516.03	-17.81	-34.44	42.89	-10.90	38.73	36.46	-3.00	-0.84	-4.73	1.27	3.10	1.20	-1.89	-1.06
MRBLD1CB120_COS		-828.42	245.36	-17.72	45.11	82.26	-12.93	26.68	3.90	-10.36	-4.86	4.07	8.83	-1.24	-0.79	-0.31	-0.04
MRBLD1CB120_SIN		0.00	215.28	-0.54	-24.96	34.57	-10.21	55.06	20.89	0.19	1.11	4.66	2.20	-1.69	0.41	1.77	-0.70
MRBLD1CB164_COS		-2048.74	57.58	-16.97	33.40	50.96	4.49	22.61	6.03	-6.33	-7.66	3.23	7.68	-0.21	-1.74	1.86	-1.46
MRBLD1CB164_SIN		0.00	48.26	4.70	-18.21	13.22	-4.53	25.08	-7.24	1.03	1.50	3.10	2.46	-1.46	-1.30	-0.16	1.13
MRBLD1FB42P75_COS		2367.27	-279.05	84.14	123.20	365.60	-74.47	-49.75	27.97	-29.48	3.19	-3.95	6.30	-0.10	8.69	2.88	1.75
MRBLD1FB42P75_SIN		0.00	-157.49	-24.08	-198.98	-35.15	66.39	38.93	107.48	4.99	18.17	-5.44	2.98	5.58	3.51	1.67	-2.44
MRBLD1FB70_COS		409.62	-9.69	36.21	46.48	110.39	-20.52	-11.15	5.18	-3.18	0.76	-0.29	-0.24	-0.04	-1.40	-0.75	-0.41
MRBLD1FB70_SIN		0.00	7.52	-9.97	-71.35	-6.90	16.08	10.62	20.12	0.66	0.43	-0.13	0.17	-0.46	-0.80	-0.38	0.54
MRBLD1FB87_COS		68.78	-10.19	22.75	29.65	44.96	-4.48	1.64	-1.05	4.02	-0.25	1.70	-0.93	-0.08	-2.15	-0.46	-0.39
MRBLD1FB87_SIN		0.00	-3.24	-3.92	-41.79	-4.28	4.45	0.05	-9.87	-0.26	-3.05	1.36	-1.03	-1.52	-0.76	-0.31	0.38
MRBLD1FB120_COS		-154.76	-11.70	39.67	35.11	-19.58	16.45	11.98	-8.87	4.66	-0.99	-0.96	0.40	-0.22	2.80	0.85	0.68
MRBLD1FB120_SIN		0.00	-15.56	-2.30	-42.86	-10.47	-8.68	-10.10	-27.45	-2.59	0.18	0.19	-0.24	1.29	1.18	0.91	-0.82
MRBLD1FB164_COS		72.63	-35.47	104.66	11.20	-166.06	18.49	-8.21	6.75	-10.57	1.18	1.04	-1.47	-1.23	-2.39	0.18	-0.08
MRBLD1FB164_SIN		0.00	-16.71	-35.50	-27.51	7.91	-25.12	-4.98	40.11	5.29	0.20	1.79	-1.51	-1.78	-1.54	-0.47	-0.12

RUN	POINT	Harmonics															
57	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-13.55	-29.59	78.36	-13.96	-119.85	-7.37	-18.06	12.23	-4.57	2.08	4.24	-1.18	-3.50	1.62	1.12	2.09
MRBLD1FB180_SIN		0.00	-8.54	-34.40	5.86	21.27	-5.70	9.63	37.04	1.60	-6.80	2.29	-6.66	-2.73	2.21	0.22	-0.25
MRBLD1TOR51_COS		-1525.92	16.36	6.75	21.28	34.67	6.00	-10.16	12.80	-2.21	0.90	0.35	0.27	0.00	-0.16	0.13	0.39
MRBLD1TOR51_SIN		0.00	-4.86	1.40	-14.32	5.52	7.33	16.54	21.27	0.32	0.10	0.77	-1.39	-1.35	0.47	0.49	0.80
MRBLD1TOR71_COS		-303.14	4.24	3.78	14.07	20.54	8.91	-6.35	12.56	-1.08	0.76	0.58	0.41	0.08	-0.27	0.04	0.19
MRBLD1TOR71_SIN		0.00	-10.57	3.24	-7.81	2.55	5.32	13.19	15.08	0.74	-0.40	0.84	-1.44	-1.08	0.06	0.28	0.58
MRBLD1TOR130_COS		-54.76	5.32	1.19	5.87	2.47	10.49	-3.28	8.36	-1.86	-0.33	0.51	-0.31	-0.26	-0.05	0.00	-0.23
MRBLD1TOR130_SIN		0.00	-9.11	4.84	-0.25	-1.33	2.78	9.00	13.34	0.33	0.64	-0.52	0.32	0.50	-0.13	-0.55	-0.19
MRBLD1TOR164_COS		-223.36	8.19	-12.14	-1.21	23.60	-1.47	-3.37	5.55	0.73	-0.12	0.54	0.19	-0.37	0.23	0.02	0.00
MRBLD1TOR164_SIN		0.00	-4.73	7.85	7.09	5.43	5.20	6.62	4.11	0.13	-0.67	0.13	-0.20	0.49	0.62	-0.29	-0.59
MRFBM2CB26P5_COS		-1388.80	-199.15	-17.62	-5.95	-1.45	-5.26	2.54	-2.36	1.48	0.34	-1.17	-0.04	-0.14	-0.28	0.70	-0.36
MRFBM2CB26P5_SIN		0.00	505.34	26.53	4.36	-0.94	-1.92	-6.79	-3.21	0.47	0.86	-1.48	-0.01	-0.50	-0.20	0.40	0.46
MRFBM2FB9_COS		-1032.52	19.63	26.21	54.41	-12.73	7.72	6.43	3.46	-0.68	-0.49	0.55	0.06	0.04	-0.02	-0.23	0.03
MRFBM2FB9_SIN		0.00	-372.81	-38.32	-13.71	42.82	-3.62	5.11	6.47	-0.63	0.04	0.57	0.57	0.40	0.49	0.08	0.15
MRFBM2TOR26P5_COS		-417.52	-9.44	0.35	-0.09	0.07	0.11	-0.29	-0.08	0.00	0.01	0.01	0.02	0.01	0.00	0.01	0.01
MRFBM2TOR26P5_SIN		0.00	-4.21	-0.42	-0.32	0.22	0.11	-0.09	-0.03	-0.01	-0.04	0.02	-0.02	0.01	0.01	0.00	0.01

RUN	POINT	Harmonics															
57	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1123.27	921.85	71.41	43.31	77.70	-29.76	-34.10	-11.11	-3.78	2.69	-5.04	-6.20	-0.98	1.90	0.33	1.59
MRPC1CB33P25_SIN		0.00	668.69	-41.27	-51.17	26.82	9.01	9.14	41.82	-3.67	3.81	-7.07	2.60	2.75	3.53	-1.14	0.98
MRPC1FB33P25_COS		1539.71	-249.55	69.63	133.53	303.93	-79.23	-51.00	-21.06	-24.90	-7.05	0.02	1.96	-3.98	2.80	0.10	3.04
MRPC1FB33P25_SIN		0.00	-180.10	-3.39	-140.76	55.52	32.09	13.60	93.45	-9.44	14.70	-6.54	6.24	4.06	9.02	3.24	0.37
MRPC1TOR25P5_COS		-709.06	-66.22	-4.62	-15.15	-26.30	-9.04	11.02	-14.96	1.82	-1.00	-0.40	-1.55	-0.35	0.70	-0.39	-0.22
MRPC1TOR25P5_SIN		0.00	-34.99	5.80	12.68	0.52	-8.75	-18.12	-18.62	-0.79	0.23	-2.16	2.05	2.74	0.00	-1.21	-0.99
MRPLK1LOAD_COS		-68.52	-0.47	0.18	-2.11	-4.12	-1.12	1.34	-2.09	0.33	-0.29	-0.03	-0.17	-0.07	0.07	-0.06	-0.09
MRPLK1LOAD_SIN		0.00	6.65	0.58	2.05	0.26	-1.20	-2.47	-2.83	0.00	0.02	-0.30	0.24	0.38	-0.04	-0.25	-0.13
PITCHRH_COS		15819.02	-7959.67	-152.71	27.45	88.15	893.21	-36.91	22.16	-36.65	-16.19	-0.74	14.34	9.14	3.64	3.72	-3.99
PITCHRH_SIN		0.00	2279.85	-39.40	-23.39	1.87	-744.67	30.88	-25.11	52.89	15.31	40.50	-2.89	-4.71	-15.64	-5.97	20.02
ROLLRH_COS		4932.33	-2290.51	-31.18	19.60	-20.17	308.80	-122.25	-67.45	36.17	-12.27	-18.88	-3.69	-2.66	0.94	3.47	-29.22
ROLLRH_SIN		0.00	-7775.55	-146.04	32.54	-1.59	1692.62	-14.51	0.78	-48.73	-15.12	-11.21	9.55	-1.84	4.84	-10.31	-22.65
TORQ_COS		36940.21	185.70	1.77	-10.40	-9.19	4.83	5.16	3.69	-8.85	-3.26	4.50	-0.82	2.87	-1.24	-5.84	2.73
TORQ_SIN		0.00	504.75	-6.79	0.30	1.10	-20.30	1.35	4.90	-7.11	-3.95	-1.47	6.61	-6.73	5.18	-7.57	-8.34
THRUST_COS		2098.13	-5.08	-1.88	-4.03	2.66	25.36	1.38	2.39	0.54	-0.22	5.01	-1.24	-0.50	-0.20	-1.87	0.82
THRUST_SIN		0.00	3.88	0.39	-0.91	0.46	-22.30	0.11	1.77	0.00	-0.04	0.35	0.01	0.56	-0.22	0.40	0.36

RUN	POINT	Harmonics															
57	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-68.83	66.20	-1.62	2.44	-1.52	-99.53	5.08	1.34	-0.74	1.04	0.50	0.39	0.13	0.04	-0.08	1.03
SIDERH_SIN		0.00	208.90	5.97	-1.96	6.20	-61.97	0.01	1.35	1.65	0.76	0.80	-0.18	0.12	-0.04	0.36	0.80
DRAGRH_COS		-250.99	213.80	7.16	2.65	-1.15	110.26	2.92	2.77	1.06	0.98	1.93	-1.32	-0.57	0.12	-0.25	0.44
DRAGRH_SIN		0.00	-54.95	1.24	1.87	3.77	33.02	-4.80	1.44	-1.84	-0.65	1.36	-0.08	0.08	0.74	0.35	-1.37

RUN	POINT	Harmonics															
57	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.04	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-1.55	-0.01	1.60	0.72	0.80	-0.10	0.31	0.17	0.04	0.03	0.06	0.05	0.02	-0.03	-0.03	0.02
ACT1FORCE_SIN		0.00	0.18	-1.22	0.34	-0.09	0.14	-0.24	0.09	-0.06	-0.03	0.00	0.04	0.03	0.01	-0.02	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		434.41	-2.26	-17.20	-4.22	-10.74	1.24	-2.84	0.03	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-1.05	12.23	-3.56	-0.05	-1.37	2.54	-0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		371.27	2.26	17.23	4.23	10.76	-1.24	2.85	-0.04	-0.01	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	1.05	-12.26	3.56	0.03	1.38	-2.55	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3825.47	524.17	-109.79	161.40	44.00	-0.88	-7.08	23.28	5.39	-7.99	22.23	15.91	-4.65	-1.91	-1.74	-1.80
MRBLD1CB42P75_SIN		0.00	-113.82	66.85	-6.12	15.95	-16.34	-2.46	-131.84	3.74	-7.54	24.71	-5.89	5.45	-2.13	0.80	-0.03

RUN	POINT	Harmonics															
57	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2904.58	302.00	-40.43	133.12	26.10	14.79	4.29	10.16	3.14	-10.46	12.26	10.99	-3.33	-0.26	-4.48	-0.66
MRBLD1CB70_SIN		0.00	-52.11	19.42	20.76	25.46	-0.26	14.62	-97.70	6.02	-6.24	8.53	-5.40	4.47	-2.34	0.89	-0.33
MRBLD1CB120_COS		-868.54	93.23	18.38	110.23	46.40	15.58	14.37	-3.62	-1.23	7.33	-7.97	-8.41	0.41	0.59	1.15	0.67
MRBLD1CB120_SIN		0.00	-13.65	-18.85	22.30	20.76	5.56	31.70	-57.75	2.62	1.31	-7.93	1.76	-0.96	0.21	-1.80	-0.91
MRBLD1CB164_COS		-2061.43	5.35	28.26	86.02	27.32	8.02	8.51	-13.40	-2.23	9.62	-5.94	-8.13	1.14	0.70	2.39	-0.17
MRBLD1CB164_SIN		0.00	-2.21	-17.96	12.90	10.35	6.52	16.75	19.52	-1.16	4.89	-1.54	2.51	-2.22	1.78	0.64	0.83
MRBLD1FB42P75_COS		2367.95	-68.90	-99.59	434.95	218.31	-65.53	0.44	-98.09	7.59	12.72	40.26	3.93	0.70	-7.56	-2.35	-3.74
MRBLD1FB42P75_SIN		0.00	50.76	78.16	-146.87	-54.88	-52.98	1.10	-311.78	-1.53	-17.37	17.93	-7.36	13.02	3.05	-3.99	0.77
MRBLD1FB70_COS		412.23	20.80	-41.33	159.84	64.84	-17.16	-0.92	-17.11	2.03	0.29	1.06	0.27	-0.06	1.40	0.62	1.01
MRBLD1FB70_SIN		0.00	9.57	23.86	-47.78	-13.52	-14.04	1.30	-55.12	0.16	-0.74	-0.08	0.11	-1.05	-0.46	0.82	-0.15
MRBLD1FB87_COS		74.46	10.87	-23.36	100.83	26.62	-4.83	0.03	7.87	-0.15	-1.71	-9.47	-1.22	-0.15	1.71	0.52	0.62
MRBLD1FB87_SIN		0.00	11.06	9.27	-27.26	-5.72	-3.52	-0.24	26.75	0.68	2.92	-4.08	2.70	-3.54	-0.54	0.60	-0.28
MRBLD1FB120_COS		-128.37	19.74	-37.20	113.62	-14.10	10.43	1.68	27.35	-3.27	-1.73	1.17	0.73	0.34	-2.75	-0.96	-1.06
MRBLD1FB120_SIN		0.00	10.17	22.07	-21.51	-2.96	6.61	-2.73	76.66	-1.69	0.82	0.16	-1.78	3.49	0.89	-0.69	0.44
MRBLD1FB164_COS		60.33	69.52	-144.67	8.75	-108.24	31.70	1.09	-24.64	3.18	2.67	-1.24	-2.49	-0.92	2.45	1.20	0.43
MRBLD1FB164_SIN		0.00	-1.24	110.97	-9.78	12.33	22.46	3.65	-113.17	0.58	-4.31	-3.17	2.67	-5.67	-1.91	-0.03	0.59

RUN	POINT	Harmonics															
57	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-55.05	55.24	-116.99	-49.61	-63.07	0.16	-10.23	-37.38	1.38	-3.40	-22.88	-4.39	-1.01	-1.79	0.37	-2.40
MRBLD1FB180_SIN		0.00	-15.25	89.60	-0.05	17.91	16.28	7.40	-107.99	0.57	1.73	-8.15	6.49	-2.58	-0.82	-0.96	2.04
MRBLD1TOR51_COS		-1630.37	1.71	-12.09	48.65	16.02	10.82	-12.35	-33.76	1.82	-1.10	-3.49	-0.50	0.67	-0.14	-0.10	-1.09
MRBLD1TOR51_SIN		0.00	-15.44	15.95	2.45	-3.10	7.30	6.69	-69.07	-0.87	0.78	-3.00	0.11	-0.12	0.11	0.46	-0.48
MRBLD1TOR71_COS		-400.51	-1.73	-7.28	29.63	7.40	11.08	-10.94	-33.00	1.35	-1.23	-4.12	-1.01	0.81	0.03	0.09	-0.78
MRBLD1TOR71_SIN		0.00	-12.99	11.75	3.81	-2.83	8.96	5.84	-49.87	-0.73	1.03	-3.97	0.42	-0.45	0.13	0.29	-0.28
MRBLD1TOR130_COS		-153.60	-0.41	-3.36	6.75	-3.76	11.25	-7.46	-23.74	1.33	0.78	-0.20	0.50	-0.50	0.06	0.26	0.39
MRBLD1TOR130_SIN		0.00	-12.19	10.23	5.45	-3.22	9.27	4.51	-41.81	-0.24	0.25	2.06	0.20	0.21	0.01	-0.10	0.43
MRBLD1TOR164_COS		-295.32	-2.45	16.34	-9.71	11.11	2.79	-2.69	-13.64	0.68	-1.01	-1.06	-0.02	-0.72	-0.60	-0.01	0.71
MRBLD1TOR164_SIN		0.00	-11.54	-2.55	6.35	0.42	-2.57	2.21	-13.87	0.28	0.05	-1.39	0.58	0.49	-0.72	-1.10	0.10
MRFBM2CB26P5_COS		-1404.99	154.64	22.85	-13.63	-1.45	-2.81	2.35	4.97	0.28	0.11	2.37	0.42	0.17	-0.16	0.85	-0.24
MRFBM2CB26P5_SIN		0.00	221.97	-47.49	1.72	-2.66	-4.45	-2.90	9.54	-0.06	-1.06	3.93	0.27	-0.56	0.46	-0.48	-0.28
MRFBM2FB9_COS		-1010.70	-178.64	-35.64	97.84	-2.73	4.28	2.63	-9.78	0.88	0.46	-0.96	-0.38	0.13	-0.09	0.29	0.18
MRFBM2FB9_SIN		0.00	-74.78	80.31	49.46	27.43	6.59	1.53	-15.52	-0.06	0.60	-0.87	-0.23	0.28	-0.14	0.09	0.10
MRFBM2TOR26P5_COS		-417.92	-12.59	-0.04	0.09	0.04	0.10	-0.17	0.32	-0.03	-0.03	-0.04	0.00	0.00	0.00	-0.01	-0.01
MRFBM2TOR26P5_SIN		0.00	-3.97	0.01	-0.22	0.20	0.20	-0.19	-0.01	0.01	0.04	-0.07	-0.02	0.02	0.00	0.01	-0.01

RUN	POINT	Harmonics															
57	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1115.35	489.60	-114.40	134.77	52.83	-9.65	-7.51	17.75	4.55	-0.60	17.50	10.22	-3.85	-2.43	0.14	-1.55
MRPC1CB33P25_SIN		0.00	-131.08	80.18	-23.58	4.37	-19.29	-3.14	-118.95	0.24	-4.47	21.92	-4.01	4.39	-1.41	-0.51	-0.66
MRPC1FB33P25_COS		1545.09	-67.20	-84.65	378.77	189.51	-36.95	2.61	48.56	6.72	17.66	19.33	8.09	-8.45	-6.81	1.48	-2.48
MRPC1FB33P25_SIN		0.00	32.35	51.15	-43.23	6.32	-60.50	0.61	-278.79	2.34	-6.90	35.90	-3.07	9.24	-4.15	-4.79	-3.41
MRPC1TOR25P5_COS		-604.92	-11.24	16.64	-35.35	-10.72	-10.97	15.66	39.34	-1.52	1.23	5.84	2.20	-1.97	-0.35	0.10	0.97
MRPC1TOR25P5_SIN		0.00	12.57	-21.37	2.80	7.76	-9.81	-7.20	62.53	2.05	-1.77	6.59	-0.66	1.22	-0.87	-1.17	0.36
MRPLK1LOAD_COS		-54.71	2.56	1.09	-5.64	-1.82	-1.51	1.98	5.45	-0.19	0.30	0.68	0.18	-0.26	-0.05	0.10	0.15
MRPLK1LOAD_SIN		0.00	5.82	-2.23	0.88	1.11	-1.32	-0.99	9.40	0.30	-0.17	0.87	0.00	0.13	-0.11	-0.20	0.08
PITCHRH_COS		12567.17	-8036.15	-171.34	-9.38	46.94	528.40	-12.33	-18.20	15.91	-9.79	46.82	-4.07	-4.25	-9.46	-10.17	-2.13
PITCHRH_SIN		0.00	1906.22	-93.23	8.42	9.93	-549.99	38.66	-18.68	21.61	5.60	-25.65	-17.25	-9.68	-14.57	-17.60	-21.17
ROLLRH_COS		-259.63	-1878.15	20.50	-27.81	-18.85	324.56	19.27	-67.92	28.42	6.43	6.33	4.55	-13.10	-9.81	-7.62	32.72
ROLLRH_SIN		0.00	-7910.22	-300.54	-21.53	11.16	965.66	28.48	-0.01	-17.84	-5.17	-0.53	-7.93	-1.74	-1.88	-9.26	26.01
TORQ_COS		36798.15	191.70	2.47	-9.60	-21.17	-11.04	1.50	-4.59	-5.69	-1.27	-10.21	-0.88	2.35	-2.18	-4.18	6.91
TORQ_SIN		0.00	461.76	9.41	-0.16	-2.86	-21.10	-0.70	5.49	-4.29	-4.86	-16.28	6.68	-7.39	5.23	-5.67	-9.65
THRUST_COS		2156.48	0.18	5.00	-4.36	3.21	14.67	-1.94	-0.78	-0.04	0.58	-9.78	-0.57	-0.33	-0.03	-0.14	1.58
THRUST_SIN		0.00	8.56	-1.15	1.64	3.63	25.60	0.96	2.25	0.12	1.16	-7.56	1.79	0.26	-0.08	0.79	1.38

RUN	POINT	Harmonics															
57	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-78.34	57.70	1.54	0.70	-6.18	-62.12	-0.81	1.42	-0.93	-0.46	0.42	-0.47	0.35	0.28	0.22	-0.90
SIDERH_SIN		0.00	213.11	13.62	-1.40	3.98	-35.06	-2.07	0.33	0.28	0.12	0.50	0.08	0.02	0.03	0.18	-1.08
DRAGRH_COS		-271.27	218.18	4.66	1.57	-0.12	75.05	-2.23	2.42	0.65	-0.04	-3.61	0.95	0.59	0.61	0.61	-0.32
DRAGRH_SIN		0.00	-49.52	-0.61	1.61	4.38	29.67	-2.71	-0.10	-0.68	-1.52	-0.83	0.59	-0.05	0.61	0.72	1.25

RUN	POINT	Harmonics															
57	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-0.01	0.05	1.77	0.18	0.39	0.01	0.26	0.03	-0.05	-0.03	0.01	-0.01	0.01	0.03	0.03	0.02
ACT1FORCE_SIN		0.00	0.04	-1.37	0.33	-0.37	-0.17	-0.12	-0.02	-0.06	-0.07	-0.05	0.01	-0.03	-0.03	-0.01	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		536.51	-2.08	-19.27	1.01	-5.18	0.28	-1.80	0.02	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.03	13.03	-3.71	3.49	0.82	0.05	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		268.96	2.08	19.31	-1.01	5.20	-0.27	1.79	-0.02	0.00	-0.01	0.00	0.00	-0.01	-0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.03	-13.04	3.70	-3.49	-0.82	-0.05	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00
MRBLD1CB42P75_COS		-3802.50	590.29	-115.11	144.84	49.42	-12.29	-5.25	-19.95	10.53	3.59	14.51	-3.32	-1.81	0.84	6.34	0.03
MRBLD1CB42P75_SIN		0.00	-86.15	64.20	10.57	-2.63	20.88	3.77	-25.68	-9.72	5.95	-16.54	15.25	6.28	-5.17	-9.97	-0.47

RUN	POINT	Harmonics															
57	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2917.01	346.97	-44.84	113.67	39.92	-7.46	7.47	-13.62	5.29	4.83	3.78	-1.31	-1.34	0.96	0.60	0.27
MRBLD1CB70_SIN		0.00	-35.66	20.74	29.82	0.95	9.31	8.49	-18.45	-2.22	5.05	-3.12	9.95	4.06	-4.04	-3.49	-2.62
MRBLD1CB120_COS		-876.30	110.31	12.64	94.74	53.59	-4.51	21.92	-7.35	-6.03	-6.44	-5.23	-0.65	0.28	-0.33	-1.82	0.03
MRBLD1CB120_SIN		0.00	-9.26	-11.63	32.57	-10.81	2.97	14.39	-9.56	1.98	-7.52	5.57	-5.70	-3.22	1.53	2.52	-0.54
MRBLD1CB164_COS		-2051.87	9.81	26.31	67.42	28.23	2.45	11.97	2.86	-5.20	-5.84	0.34	-0.21	0.67	-0.81	0.05	-0.84
MRBLD1CB164_SIN		0.00	-1.52	-16.35	20.67	-10.39	-7.08	6.78	4.66	-0.11	-7.92	0.18	-4.98	-2.11	1.20	0.48	1.80
MRBLD1FB42P75_COS		2355.24	-96.01	-89.88	386.67	170.05	-11.79	19.76	-69.18	-11.98	-22.49	1.89	5.81	2.33	-2.51	-6.60	-1.02
MRBLD1FB42P75_SIN		0.00	61.34	56.38	-74.27	-106.38	58.20	2.44	-31.01	-23.04	2.35	-43.53	18.01	4.63	-4.48	-17.08	-1.78
MRBLD1FB70_COS		416.55	16.19	-35.73	137.73	51.37	-3.42	3.11	-11.79	-0.85	-0.79	-0.19	0.14	0.03	0.26	0.79	0.44
MRBLD1FB70_SIN		0.00	9.93	12.91	-19.86	-31.72	15.05	2.02	-5.43	-2.90	0.25	-0.60	-0.71	-0.35	0.69	3.47	0.35
MRBLD1FB87_COS		83.17	8.65	-19.09	82.31	19.39	-1.44	-0.34	6.37	1.57	3.67	-0.50	-1.58	-0.62	0.83	1.43	0.11
MRBLD1FB87_SIN		0.00	7.55	-0.61	-9.58	-16.91	1.21	1.03	2.83	3.74	-0.43	10.06	-4.69	-1.64	1.04	3.94	0.13
MRBLD1FB120_COS		-104.71	21.67	-29.65	88.31	-15.05	2.21	-0.61	16.93	0.24	0.10	0.07	0.90	0.24	-1.01	-2.03	-0.35
MRBLD1FB120_SIN		0.00	12.16	2.99	-10.38	-5.33	-16.64	-3.26	7.61	3.00	-0.39	-2.58	3.22	2.02	-0.95	-4.73	-0.40
MRBLD1FB164_COS		1.08	79.96	-144.02	13.06	-77.62	3.75	-2.43	-26.05	-3.47	-0.98	-2.56	-3.72	-1.05	0.69	1.13	-0.01
MRBLD1FB164_SIN		0.00	3.22	95.92	-23.92	69.35	-0.41	-2.43	-13.31	-7.30	-0.05	7.81	-5.18	-3.25	1.44	3.63	0.03

RUN	POINT	Harmonics															
57	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-120.99	60.18	-126.03	-33.33	-40.23	-0.24	-3.92	-23.17	4.43	5.06	0.72	-3.19	-0.75	-0.33	-1.68	-0.67
MRBLD1FB180_SIN		0.00	-17.68	89.22	-18.40	53.82	12.07	4.78	-10.14	4.22	0.84	21.69	-8.16	-0.60	0.50	-4.01	-1.11
MRBLD1TOR51_COS		-1739.91	4.78	-12.23	41.10	19.05	8.80	-9.23	-17.33	1.65	-0.86	-0.99	1.25	0.22	0.02	-0.03	0.38
MRBLD1TOR51_SIN		0.00	-14.08	22.01	7.71	-5.18	10.77	0.38	-6.18	2.40	0.59	3.18	-1.04	-0.85	-0.70	-1.31	0.33
MRBLD1TOR71_COS		-503.93	-0.06	-6.97	24.40	11.20	9.41	-8.92	-14.00	1.17	-0.37	-1.72	0.98	0.31	-0.13	0.23	0.20
MRBLD1TOR71_SIN		0.00	-12.20	17.37	6.96	-2.98	8.04	-0.62	-3.11	3.06	0.62	3.68	-1.68	-0.83	-0.42	-0.46	0.07
MRBLD1TOR130_COS		-260.19	2.00	-3.17	5.10	1.11	9.01	-6.72	-11.30	1.26	-1.34	2.04	-1.11	0.18	-0.14	0.74	-0.16
MRBLD1TOR130_SIN		0.00	-11.31	16.74	5.40	-0.02	5.48	-0.76	-3.06	0.34	-0.46	-1.01	0.61	0.36	-0.31	0.19	-0.41
MRBLD1TOR164_COS		-371.42	-1.14	14.94	-10.17	13.90	4.29	-2.42	-3.93	0.26	0.41	0.34	-1.24	0.02	0.33	1.09	0.00
MRBLD1TOR164_SIN		0.00	-10.96	5.12	5.97	-4.89	5.47	1.24	0.38	0.77	-0.27	0.90	0.07	0.39	0.10	-0.41	-0.82
MRFBM2CB26P5_COS		-1406.68	146.86	26.79	-13.31	1.09	-1.74	0.96	2.34	0.84	-0.56	3.04	-0.16	0.00	-0.24	0.45	0.10
MRFBM2CB26P5_SIN		0.00	256.48	-47.69	-3.21	-0.82	2.78	-2.35	-0.20	0.23	0.95	-3.65	0.19	-0.69	0.55	-1.31	0.40
MRFBM2FB9_COS		-989.80	-178.27	-40.17	74.31	3.74	2.74	1.94	-4.31	0.96	0.33	-0.79	0.27	0.07	-0.06	0.43	-0.08
MRFBM2FB9_SIN		0.00	-94.12	70.80	56.95	24.98	-5.03	-1.06	0.85	-1.15	-0.66	1.10	0.22	0.21	-0.16	0.28	0.07
MRFBM2TOR26P5_COS		-417.96	-12.55	0.00	0.13	0.12	0.08	-0.09	0.04	0.01	0.03	-0.07	0.02	0.01	0.01	-0.03	0.02
MRFBM2TOR26P5_SIN		0.00	-4.09	0.02	-0.13	0.14	0.04	-0.09	-0.07	-0.02	-0.01	0.05	0.03	0.02	0.00	0.02	0.01

RUN	POINT	Harmonics															
57	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1074.03	556.45	-117.64	125.24	49.26	-11.18	-4.52	-18.96	7.19	-1.17	13.65	-3.39	-1.34	0.39	5.62	0.32
MRPC1CB33P25_SIN		0.00	-101.84	76.41	-4.80	-9.66	21.83	3.60	-22.09	-10.94	1.20	-17.46	11.61	4.05	-3.53	-9.38	-0.02
MRPC1FB33P25_COS		1535.51	-92.24	-75.57	327.67	161.93	-25.71	16.62	-40.46	1.97	-17.71	26.69	-7.90	-1.53	1.85	11.31	0.97
MRPC1FB33P25_SIN		0.00	39.72	34.03	7.03	-47.24	43.13	8.33	-51.86	-23.01	-9.36	-29.90	16.66	5.01	-5.03	-15.72	-2.26
MRPC1TOR25P5_COS		-492.54	-20.39	17.58	-30.19	-13.57	-10.57	11.83	16.82	-1.00	0.40	3.64	-3.25	-0.24	-0.02	3.05	-0.59
MRPC1TOR25P5_SIN		0.00	11.95	-28.86	-2.15	5.64	-10.53	-0.15	4.44	-3.31	-0.73	-5.27	3.44	2.14	-0.19	0.06	-1.44
MRPLK1LOAD_COS		-39.91	2.01	1.16	-4.73	-2.21	-1.43	1.43	2.36	-0.15	-0.02	0.51	-0.59	0.02	-0.05	0.52	-0.08
MRPLK1LOAD_SIN		0.00	6.11	-3.23	0.05	1.03	-1.36	0.09	0.82	-0.41	-0.15	-0.75	0.37	0.28	0.00	0.20	-0.27
PITCHRH_COS		12939.37	-8025.60	-183.02	-20.27	41.13	346.50	-25.83	-4.72	-8.03	-18.73	-58.86	-3.00	5.35	-2.70	0.11	46.92
PITCHRH_SIN		0.00	1857.79	-106.21	13.58	-3.27	-604.59	16.01	-32.00	30.32	3.18	0.24	-5.33	-10.50	-12.08	2.23	-60.58
ROLLRH_COS		-198.52	-1789.42	40.82	-55.67	-33.64	541.73	-75.30	-33.92	41.41	17.84	36.31	-12.08	-5.66	-7.77	11.93	106.50
ROLLRH_SIN		0.00	-7857.00	-307.49	-12.39	5.51	673.55	-2.80	10.97	-43.06	3.58	-28.59	0.77	7.54	8.24	8.26	17.23
TORQ_COS		37067.35	196.60	6.60	-6.34	-21.43	-2.55	1.23	0.34	-14.30	-3.69	-6.14	-1.13	3.77	-1.94	-5.52	1.36
TORQ_SIN		0.00	449.22	10.36	-0.41	6.13	-31.99	2.02	5.89	-2.88	-4.75	8.12	3.64	-7.39	5.94	-7.38	-7.62
THRUST_COS		2185.38	2.48	5.08	-4.41	4.29	5.75	0.25	1.33	0.76	-0.51	-6.13	0.21	0.27	-1.21	0.77	-1.18
THRUST_SIN		0.00	12.32	-3.27	4.32	0.65	-21.35	1.18	1.01	-0.52	-0.13	13.66	-1.03	-0.14	-0.31	0.23	-0.69

RUN	POINT	Harmonics															
57	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-76.22	58.82	0.93	-0.68	0.42	-62.67	2.00	1.02	-0.84	-0.71	-1.59	0.47	0.14	0.24	-0.40	-3.01
SIDERH_SIN		0.00	214.46	14.27	-1.67	0.08	-0.90	1.52	0.02	0.90	-0.12	0.66	0.09	-0.28	-0.21	-0.25	-0.46
DRAGRH_COS		-271.44	221.08	5.01	2.01	0.68	60.25	0.33	0.89	0.38	0.35	4.07	-0.07	-0.29	0.37	-0.02	-2.01
DRAGRH_SIN		0.00	-53.18	-1.68	0.59	2.34	-10.06	-5.01	0.05	0.11	-0.26	0.12	0.13	0.93	0.48	-0.15	2.56

RUN	POINT	Harmonics															
57	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		0.75	0.27	2.54	0.05	1.07	0.08	0.20	0.05	-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.00	-0.02
ACT1FORCE_SIN		0.00	0.11	-1.05	0.48	-0.03	0.17	0.22	0.06	0.06	0.00	-0.02	0.01	-0.02	0.02	0.01	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		625.97	-4.57	-25.40	-0.15	-11.56	0.09	-1.20	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-0.29	10.18	-3.40	2.60	-1.29	-0.94	0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		179.34	4.58	25.47	0.14	11.57	-0.09	1.19	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	0.29	-10.15	3.41	-2.57	1.28	0.96	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-3818.45	255.46	-203.26	71.95	34.76	-16.10	-14.05	-15.75	16.18	-3.62	-0.80	-16.52	5.24	-5.75	1.91	-0.97
MRBLD1CB42P75_SIN		0.00	-31.72	32.10	100.44	90.58	-21.17	-31.35	-80.00	0.71	0.17	1.99	-7.91	2.52	0.76	5.70	-5.00

RUN	POINT	Harmonics															
57	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2909.77	143.22	-83.41	45.58	-5.00	-3.88	7.14	-13.63	6.93	-4.02	-3.33	-11.62	2.83	-2.00	-3.04	-1.71
MRBLD1CB70_SIN		0.00	0.73	3.67	91.76	106.64	-18.20	13.88	-53.21	-1.16	1.75	4.20	-5.53	1.64	-0.47	4.95	-5.97
MRBLD1CB120_COS		-890.47	44.34	15.13	35.64	43.63	0.39	13.81	-7.73	-5.12	1.50	2.41	6.81	-0.75	2.46	-0.57	1.67
MRBLD1CB120_SIN		0.00	11.19	-18.99	77.42	118.28	-16.34	56.88	-23.77	2.25	-0.46	-4.59	4.60	-0.65	-0.89	-2.03	-0.26
MRBLD1CB164_COS		-2044.24	0.99	31.03	25.59	24.11	8.18	4.29	-0.69	-4.83	3.12	5.66	5.95	-0.26	1.16	3.53	0.33
MRBLD1CB164_SIN		0.00	4.11	-8.05	50.25	54.83	-1.85	42.19	14.03	1.95	-1.16	-4.71	4.33	-0.63	0.96	-1.70	4.33
MRBLD1FB42P75_COS		2337.66	-12.52	-176.01	248.89	442.51	-81.51	-46.21	-115.76	27.18	-2.27	-4.21	-11.82	6.97	-6.95	7.02	-8.44
MRBLD1FB42P75_SIN		0.00	16.14	51.41	196.34	131.35	-24.23	-34.35	-157.26	-1.57	-8.08	-17.38	7.32	-4.08	6.36	-0.75	-7.17
MRBLD1FB70_COS		414.95	19.37	-71.29	87.30	128.89	-21.72	-11.78	-20.57	3.70	-0.15	-0.23	0.45	-0.52	1.03	-1.28	1.89
MRBLD1FB70_SIN		0.00	7.31	15.10	76.93	46.74	-6.98	-6.56	-26.97	-0.79	0.08	0.02	-0.13	0.22	-0.89	-0.18	1.54
MRBLD1FB87_COS		88.84	7.87	-40.41	52.52	53.74	-4.85	0.53	9.95	-4.26	0.86	0.75	3.99	-1.79	2.10	-1.71	1.90
MRBLD1FB87_SIN		0.00	3.74	8.68	49.42	17.85	-1.06	3.22	14.90	0.04	1.71	3.33	-1.79	0.88	-1.66	0.13	1.27
MRBLD1FB120_COS		-77.56	7.46	-53.31	51.83	-17.93	16.66	14.98	29.70	-3.87	0.44	0.76	-2.63	1.58	-2.71	2.54	-2.39
MRBLD1FB120_SIN		0.00	-2.31	17.51	48.25	-15.72	7.64	12.61	36.68	1.51	-0.80	-0.11	1.32	-0.97	1.59	-0.23	-1.81
MRBLD1FB164_COS		-59.06	50.18	-242.24	7.59	-188.26	31.04	-5.57	-35.46	10.07	1.02	-0.82	5.64	-2.71	2.90	-2.18	0.51
MRBLD1FB164_SIN		0.00	-23.38	69.50	-7.55	-86.57	6.51	-17.44	-59.18	-0.84	1.82	0.65	-1.28	0.98	-1.46	-0.10	0.16

RUN	POINT	Harmonics															
57	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-183.28	49.69	-217.29	-20.31	-127.70	1.56	-20.17	-40.33	-0.40	4.65	1.69	8.13	-2.82	-1.47	3.01	-3.06
MRBLD1FB180_SIN		0.00	-20.65	61.76	-36.12	-51.69	-6.10	-21.92	-50.86	-4.92	1.67	5.88	-2.96	-0.26	-0.52	-0.08	-2.41
MRBLD1TOR51_COS		-1841.14	-5.22	-27.10	16.34	32.81	-2.71	-23.59	-31.72	0.17	-0.63	-1.43	1.20	-0.43	0.16	0.67	-0.03
MRBLD1TOR51_SIN		0.00	-18.84	25.10	31.00	17.61	10.33	-19.74	-26.43	-2.18	1.13	1.16	0.13	-0.15	0.17	0.57	-1.26
MRBLD1TOR71_COS		-597.70	-6.28	-16.91	8.12	19.11	-0.30	-19.30	-27.52	-0.86	-0.54	-1.12	1.53	-0.69	0.34	0.38	0.04
MRBLD1TOR71_SIN		0.00	-16.82	22.02	20.57	7.49	11.85	-16.48	-16.25	-2.21	0.93	1.32	0.22	-0.15	-0.05	0.22	-0.71
MRBLD1TOR130_COS		-356.46	-5.43	-8.85	-1.30	0.41	2.42	-13.55	-20.53	0.65	-0.09	0.61	-0.97	0.23	-0.20	-0.27	-0.16
MRBLD1TOR130_SIN		0.00	-16.32	21.53	7.69	-5.40	11.97	-12.56	-15.40	-0.63	-0.57	-0.56	-0.87	0.27	-0.30	-0.16	0.52
MRBLD1TOR164_COS		-438.15	-5.04	24.05	-7.74	22.76	-4.79	-8.27	-10.07	-1.29	0.73	0.89	-0.21	0.21	-0.82	-0.02	-0.09
MRBLD1TOR164_SIN		0.00	-12.08	12.31	0.02	15.68	3.61	-5.52	-2.23	-0.76	-0.61	0.66	-0.35	-0.28	-0.79	0.30	-0.03
MRFBM2CB26P5_COS		-1435.35	103.73	62.84	-4.60	-5.01	-3.49	8.52	4.33	0.81	-0.34	1.62	-0.26	-0.06	-0.26	1.14	0.70
MRFBM2CB26P5_SIN		0.00	124.94	-51.89	-10.99	-5.63	-4.47	-5.45	2.84	-0.73	-0.21	-1.64	-0.31	0.09	0.42	-0.28	0.14
MRFBM2FB9_COS		-1021.61	-119.38	-101.24	-1.29	-38.72	6.37	-0.11	-8.95	1.47	0.26	-0.01	0.15	0.23	-0.07	0.05	-0.03
MRFBM2FB9_SIN		0.00	-20.95	90.92	81.76	44.05	5.39	6.95	-3.99	0.85	0.10	1.25	0.69	-0.10	-0.10	-0.08	0.37
MRFBM2TOR26P5_COS		-418.09	-12.61	-0.08	0.12	-0.07	0.05	-0.01	0.17	0.01	0.03	-0.06	-0.01	0.01	0.00	0.00	-0.01
MRFBM2TOR26P5_SIN		0.00	-3.35	-0.03	-0.09	0.49	0.15	-0.49	-0.14	0.03	0.03	0.02	0.02	0.00	0.00	-0.01	0.01

RUN	POINT	Harmonics															
57	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1088.60	245.20	-209.97	69.19	66.31	-19.27	-22.70	-15.32	14.14	-1.19	1.99	-11.35	4.46	-5.12	2.98	0.16
MRPC1CB33P25_SIN		0.00	-41.85	45.18	79.13	65.32	-17.61	-32.22	-72.41	1.99	-1.13	-2.77	-4.80	1.72	0.52	3.38	-4.41
MRPC1FB33P25_COS		1521.21	-10.28	-140.95	169.21	326.92	-57.83	-20.67	-26.47	21.43	2.29	6.94	-13.71	7.73	-9.37	4.07	1.48
MRPC1FB33P25_SIN		0.00	3.48	19.08	202.92	208.88	-41.82	-41.05	-166.67	11.21	-7.40	-14.57	-3.24	2.12	-1.39	5.90	-12.12
MRPC1TOR25P5_COS		-383.13	9.77	37.11	-12.50	-27.71	2.14	29.52	33.68	0.65	0.54	2.40	-4.14	1.39	-1.40	-0.88	0.01
MRPC1TOR25P5_SIN		0.00	7.95	-32.83	-21.09	-3.70	-12.64	20.93	21.52	3.13	-2.31	-1.31	-1.70	0.89	-0.79	0.57	-0.05
MRPLK1LOAD_COS		-26.26	2.74	2.99	-2.18	-4.43	0.26	3.61	4.77	-0.01	0.12	0.49	-0.48	0.16	-0.18	-0.14	0.06
MRPLK1LOAD_SIN		0.00	6.34	-4.14	-3.08	-1.15	-1.73	2.84	3.45	0.51	-0.41	-0.29	-0.28	0.17	-0.18	-0.05	0.08
PITCHRH_COS		11317.08	-8000.15	-242.24	-30.51	107.72	1597.97	-72.06	34.70	-6.54	-19.09	-49.35	16.22	1.47	4.92	-4.86	-9.62
PITCHRH_SIN		0.00	1739.86	-57.39	40.33	46.02	-518.22	-13.15	-7.60	54.94	15.01	-13.87	-7.07	-3.69	6.65	2.21	27.56
ROLLRH_COS		401.65	-1636.69	-41.85	-70.46	-5.67	-601.39	-129.65	-52.68	24.93	-4.47	-26.82	-10.72	0.38	5.98	0.79	-52.28
ROLLRH_SIN		0.00	-7835.82	-359.33	-13.65	-28.97	2148.66	-48.94	-54.43	-12.08	13.24	31.64	-11.32	-5.42	4.96	2.41	12.12
TORQ_COS		36296.12	185.68	4.94	-12.57	20.72	7.15	4.49	-0.76	-12.70	-2.47	-2.01	0.73	3.08	-2.02	-5.43	1.57
TORQ_SIN		0.00	458.32	13.99	6.66	-2.67	-30.14	3.71	9.32	-9.89	-4.76	-1.27	4.35	-7.31	5.11	-7.27	-3.10
THRUST_COS		2092.99	6.31	4.91	-4.83	0.94	23.16	0.39	-1.92	1.07	0.05	0.44	-0.26	0.56	0.51	0.15	-0.31
THRUST_SIN		0.00	9.39	-4.42	5.43	2.64	11.30	0.88	3.68	-0.64	-0.77	5.91	-0.49	-0.09	-0.58	0.72	6.43

RUN	POINT	Harmonics															
57	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.37	57.06	6.75	1.31	-2.28	-81.99	4.99	0.64	-0.77	0.54	1.20	0.55	0.05	-0.26	-0.12	1.46
SIDERH_SIN		0.00	215.63	14.73	-1.95	15.12	-126.23	0.98	2.16	-0.25	-0.89	-1.84	0.81	0.07	-0.16	-0.16	-0.45
DRAGRH_COS		-276.88	222.39	3.03	1.47	-2.24	124.93	5.21	2.37	1.38	1.03	1.11	-0.12	0.26	-0.11	0.35	0.23
DRAGRH_SIN		0.00	-52.15	-0.90	2.42	1.32	117.94	-5.68	1.00	0.40	-0.73	2.43	-0.31	0.10	-0.08	-0.21	-0.78

RUN	POINT	Harmonics															
57	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.97	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-7.68	0.30	2.58	0.08	0.97	0.21	0.04	0.14	0.09	0.01	-0.01	-0.01	0.00	0.05	0.01	-0.01
ACT1FORCE_SIN		0.00	0.09	-1.13	0.58	-0.58	0.07	-0.01	-0.17	0.01	-0.05	-0.04	-0.01	0.01	-0.01	0.02	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		97.34	-4.74	-26.43	-0.66	-10.17	-1.64	-1.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	0.68	11.22	-5.12	2.52	-0.35	-0.94	-0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		708.98	4.75	26.49	0.70	10.19	1.65	1.03	-0.02	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	-0.69	-11.37	5.14	-2.61	0.34	0.93	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3828.05	746.97	-166.08	-0.08	108.60	-28.26	9.11	-85.96	8.88	-3.64	11.79	11.99	-2.73	1.81	2.29	0.74
MRBLD1CB42P75_SIN		0.00	-30.22	57.55	32.98	16.17	2.15	-0.31	12.52	0.39	9.64	10.39	-14.28	2.50	-4.31	-1.60	3.10

RUN	POINT	Harmonics															
57	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2924.83	445.98	-60.27	3.12	74.38	-37.24	57.66	-61.41	2.42	-0.89	13.98	7.72	-1.80	1.46	-0.08	1.75
MRBLD1CB70_SIN		0.00	-3.52	8.86	31.15	36.65	5.43	5.46	13.55	-1.03	9.62	8.04	-10.35	1.91	-3.27	1.04	2.36
MRBLD1CB120_COS		-823.21	157.11	33.22	4.09	116.74	-34.75	87.95	-35.96	-2.93	-1.57	-9.62	-3.38	1.87	-1.19	0.11	0.29
MRBLD1CB120_SIN		0.00	-0.84	-30.96	25.76	0.26	1.96	20.46	9.72	-1.72	-0.11	-7.35	8.30	-0.41	1.42	-0.36	-0.21
MRBLD1CB164_COS		-2086.07	24.69	49.56	3.22	70.25	-6.28	34.14	14.43	-1.50	-2.16	-12.13	-4.34	1.51	-1.29	-0.43	-1.02
MRBLD1CB164_SIN		0.00	-5.13	-29.36	23.23	-12.46	-2.97	16.77	1.92	0.39	-4.36	-9.29	7.26	-1.01	1.62	-1.30	-1.32
MRBLD1FB42P75_COS		2373.69	-127.48	-152.51	10.40	487.12	-35.89	26.03	-180.24	17.87	-11.73	-17.33	8.29	2.86	-3.65	-1.07	4.41
MRBLD1FB42P75_SIN		0.00	45.44	69.76	94.59	-305.10	-11.44	-7.24	109.20	-9.01	14.18	10.87	-17.09	5.04	-3.57	-10.30	1.97
MRBLD1FB70_COS		405.31	18.21	-66.35	2.87	143.69	-9.30	5.48	-31.42	1.76	-0.06	0.40	-0.69	-0.53	0.44	-0.24	-1.23
MRBLD1FB70_SIN		0.00	10.94	18.35	38.68	-86.65	-1.76	0.52	20.27	-1.17	1.12	0.24	0.66	-0.51	0.59	2.33	-0.25
MRBLD1FB87_COS		56.07	6.66	-43.19	1.59	55.44	1.01	-1.30	15.95	-2.96	2.02	2.65	-1.98	-0.57	0.84	0.06	-0.90
MRBLD1FB87_SIN		0.00	9.43	6.12	27.56	-40.02	-0.60	2.90	-8.82	1.17	-3.01	-2.11	4.56	-1.41	0.88	2.12	-0.51
MRBLD1FB120_COS		-175.03	11.77	-67.69	8.66	-32.73	11.54	-8.43	42.67	-0.96	-0.44	-0.99	1.46	0.87	-0.87	0.24	1.35
MRBLD1FB120_SIN		0.00	8.39	22.32	29.51	-1.24	-3.32	3.96	-29.60	2.55	0.19	-0.10	-2.91	2.03	-0.83	-3.23	0.90
MRBLD1FB164_COS		189.52	43.54	-221.19	-10.58	-207.22	-9.00	5.74	-66.16	1.63	-1.24	2.89	-3.22	-0.83	1.81	0.60	-0.20
MRBLD1FB164_SIN		0.00	24.04	130.54	-0.36	120.79	18.37	-8.95	31.38	-6.98	-2.78	-0.93	5.33	-3.26	0.80	2.01	-0.26

RUN	POINT	Harmonics															
57	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		92.76	35.69	-184.38	-6.42	-135.96	-15.14	14.00	-58.20	-0.52	6.30	5.17	-5.08	1.41	-0.15	-0.28	1.69
MRBLD1FB180_SIN		0.00	0.60	107.63	-15.96	99.83	14.28	-4.47	42.09	-1.23	-2.31	-5.40	4.79	0.16	2.17	-4.11	1.96
MRBLD1TOR51_COS		-1419.35	1.80	-11.99	-3.98	45.62	3.38	-3.96	-30.73	2.29	1.56	2.07	-1.12	0.13	-0.32	0.53	-0.70
MRBLD1TOR51_SIN		0.00	-5.64	3.49	8.94	-14.72	-2.98	-5.93	32.82	-0.56	0.66	0.04	-0.58	0.47	0.30	-0.39	0.88
MRBLD1TOR71_COS		-201.63	-4.12	-4.98	-3.51	24.52	4.82	-4.90	-19.53	1.45	1.87	1.97	-1.55	0.29	-0.36	0.50	-0.61
MRBLD1TOR71_SIN		0.00	-4.00	0.38	5.49	-9.26	-1.80	-6.51	29.12	-0.39	0.13	-0.29	0.35	0.25	0.33	-0.21	0.44
MRBLD1TOR130_COS		53.02	-2.90	1.59	-2.54	-1.74	4.48	-3.93	-17.97	1.71	-0.25	-0.36	0.85	0.29	0.03	0.00	0.29
MRBLD1TOR130_SIN		0.00	-2.07	-0.09	1.09	-1.53	-0.78	-6.25	21.55	-0.14	0.13	-0.25	0.39	0.14	-0.30	-0.01	-0.38
MRBLD1TOR164_COS		-149.80	-3.53	29.47	-1.29	31.36	4.31	-1.61	-4.65	-0.44	-0.12	0.15	0.39	-0.31	-0.06	0.65	0.72
MRBLD1TOR164_SIN		0.00	-4.01	-9.75	0.08	-8.86	-1.54	-3.03	11.13	0.51	0.04	-1.10	0.42	0.71	-0.27	-0.68	-0.22
MRFBM2CB26P5_COS		-1407.84	137.40	39.24	0.11	-3.00	-0.79	1.68	4.63	0.27	-0.32	-1.66	-0.01	-0.05	-0.16	0.39	-0.15
MRFBM2CB26P5_SIN		0.00	314.02	-63.67	-1.52	-1.42	-0.82	-8.72	-4.17	-0.64	0.43	-0.25	0.40	-0.33	0.46	-0.76	0.21
MRFBM2FB9_COS		-1030.16	-195.36	-63.19	-16.21	8.98	1.33	2.90	-8.01	0.97	-0.44	0.58	-0.58	0.02	-0.07	0.17	-0.18
MRFBM2FB9_SIN		0.00	-154.40	108.03	12.95	63.79	2.07	-1.86	9.79	0.58	-0.36	0.23	-0.25	0.21	-0.13	0.05	-0.07
MRFBM2TOR26P5_COS		-417.81	-12.79	-0.05	0.03	0.33	-0.01	-0.07	-0.05	0.01	0.02	0.04	0.04	0.01	0.00	-0.01	0.00
MRFBM2TOR26P5_SIN		0.00	-4.38	0.01	0.05	0.39	0.04	-0.06	-0.21	0.00	-0.02	0.04	-0.04	0.00	0.01	0.01	0.00

RUN	POINT	Harmonics															
57	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1073.33	693.95	-169.98	-2.67	122.52	-17.27	-5.52	-77.55	8.38	-4.00	2.52	8.74	-1.62	1.13	3.10	0.60
MRPC1CB33P25_SIN		0.00	-57.86	74.06	29.34	-13.07	-0.34	2.85	11.75	0.97	5.72	5.18	-8.94	1.75	-2.80	-2.90	2.82
MRPC1FB33P25_COS		1538.88	-123.73	-124.27	-8.60	463.10	-26.32	26.66	-182.41	17.47	-16.69	-18.01	16.95	-1.61	0.20	7.98	0.91
MRPC1FB33P25_SIN		0.00	24.42	39.57	79.40	-135.41	-17.40	1.35	12.78	0.81	5.18	-1.34	-6.94	5.42	-5.05	-6.54	5.75
MRPC1TOR25P5_COS		-827.25	-22.86	18.22	4.92	-31.06	-5.86	9.34	25.02	-1.54	-2.97	-1.59	3.70	-0.19	0.50	0.90	1.05
MRPC1TOR25P5_SIN		0.00	1.26	-9.38	-4.48	17.80	3.54	4.06	-35.11	0.87	-0.29	0.44	0.12	0.12	-1.59	-0.10	-0.52
MRPLK1LOAD_COS		-83.17	2.95	0.97	0.58	-4.90	-0.72	0.60	3.90	-0.20	-0.36	-0.36	0.44	0.04	0.04	0.19	0.16
MRPLK1LOAD_SIN		0.00	5.33	-0.62	-0.91	2.98	0.54	0.97	-4.94	0.17	-0.17	-0.09	0.31	-0.03	-0.19	0.02	-0.15
PITCHRH_COS		13979.33	-8008.79	-164.10	12.37	92.44	983.98	-4.05	-4.49	3.21	13.84	31.40	-21.66	0.49	1.39	-17.82	20.83
PITCHRH_SIN		0.00	2289.01	-17.52	-22.60	-65.08	-1844.26	63.49	-49.17	18.07	23.36	0.46	-24.66	-16.69	-15.37	-13.96	-30.62
ROLLRH_COS		-52.85	-2332.40	15.71	-24.59	-100.40	1460.73	-192.86	-98.59	31.04	8.58	-8.41	17.49	-13.13	5.87	22.76	50.75
ROLLRH_SIN		0.00	-7886.45	-202.88	-5.91	47.51	1948.65	0.44	48.13	-39.77	23.44	-47.45	-10.72	0.27	-8.08	-6.29	-7.03
TORQ_COS		36615.73	190.16	6.39	-4.09	4.11	-0.39	2.45	0.55	-10.29	-1.84	2.66	0.79	2.95	-0.76	-4.41	4.45
TORQ_SIN		0.00	491.70	7.24	2.70	-2.28	-59.00	-0.71	5.95	-9.35	-4.30	-6.44	7.33	-7.85	6.16	-6.69	-7.65
THRUST_COS		2125.13	-5.01	5.15	2.24	-2.89	-0.25	0.46	0.73	0.24	-0.86	7.96	0.49	-0.08	-0.95	0.23	-2.89
THRUST_SIN		0.00	3.49	3.12	-3.51	-2.32	7.18	-0.73	1.97	-0.42	0.02	0.23	1.91	0.62	-0.34	0.47	-2.58

RUN	POINT	Harmonics															
57	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-77.17	64.40	-0.26	1.28	8.06	-169.22	7.72	3.32	-0.72	-0.34	0.39	-0.89	0.44	-0.17	-0.61	-1.33
SIDERH_SIN		0.00	210.30	10.73	-5.70	-4.02	-5.08	0.52	0.13	1.44	-1.19	2.14	0.14	-0.08	0.28	0.17	0.13
DRAGRH_COS		-268.40	214.32	5.61	4.18	-2.50	167.91	-2.86	3.00	-0.87	-1.72	-3.16	0.45	-0.57	-0.06	0.80	-1.17
DRAGRH_SIN		0.00	-51.76	-1.38	1.45	6.15	0.65	-6.98	-1.25	-1.72	-2.17	3.99	1.65	0.58	0.91	0.69	1.35

RUN	POINT	Harmonics															
57	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-1.97	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-10.03	0.36	2.30	-0.14	1.37	-0.21	0.15	-0.20	-0.03	-0.04	-0.11	0.02	0.00	0.00	-0.03	0.01
ACT1FORCE_SIN		0.00	0.03	-0.12	0.30	0.36	0.22	0.18	0.09	-0.04	0.01	0.03	0.01	-0.03	-0.02	0.00	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		9.64	-5.17	-23.73	0.64	-14.20	0.45	-1.87	-0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	1.21	3.54	-2.77	-1.16	-1.76	-0.23	0.02	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		797.09	5.21	23.90	-0.60	14.31	-0.43	1.91	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	-1.22	-3.66	2.79	1.03	1.78	0.20	-0.01	0.01	0.00	0.01	0.01	0.00	0.01	-0.01	0.01
MRBLD1CB42P75_COS		-3801.01	808.92	-150.74	-4.55	6.74	0.78	-5.52	112.29	4.12	4.21	-33.11	-17.36	2.54	-2.66	6.73	-2.71
MRBLD1CB42P75_SIN		0.00	226.66	-67.95	117.92	119.06	-42.53	-20.96	38.11	8.74	8.58	9.96	-7.33	2.31	-0.13	-0.31	2.85

RUN	POINT	Harmonics															
57	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2950.51	489.86	-53.78	-17.31	-33.83	-22.22	-4.98	88.77	1.30	6.38	-13.70	-12.91	1.25	-0.59	3.00	-1.96
MRBLD1CB70_SIN		0.00	157.18	-30.45	94.94	82.02	-33.35	41.61	19.38	5.97	7.68	-0.43	-4.78	1.47	-0.86	2.14	1.99
MRBLD1CB120_COS		-791.91	176.69	23.38	-23.37	17.63	-31.69	-14.56	70.34	-19.75	-1.52	14.10	12.56	-0.75	0.02	-0.30	0.74
MRBLD1CB120_SIN		0.00	63.31	6.71	77.82	119.65	-24.54	86.80	4.11	-0.69	-2.37	-8.60	6.70	-1.19	0.40	-0.24	-0.57
MRBLD1CB164_COS		-2102.29	28.84	46.05	-15.10	25.78	-15.38	-14.36	-5.15	-13.08	-3.29	6.79	9.92	0.07	-0.48	-0.60	0.92
MRBLD1CB164_SIN		0.00	6.35	19.39	51.21	73.57	-0.49	47.11	-14.40	-5.73	-5.05	-1.66	6.93	-1.14	0.37	-1.66	-0.94
MRBLD1FB42P75_COS		2384.57	-175.82	-136.21	64.83	476.71	-20.10	-24.47	311.71	-32.73	-4.25	-25.11	2.92	6.52	-1.71	5.48	2.04
MRBLD1FB42P75_SIN		0.00	-13.91	-52.90	299.11	461.40	-103.38	-32.82	-52.33	30.14	6.53	37.86	-1.59	-0.96	8.73	-14.45	6.58
MRBLD1FB70_COS		407.19	7.45	-49.30	15.25	135.18	-7.03	-8.08	55.06	-3.63	0.36	-0.64	-0.34	-0.36	0.23	-1.37	-0.31
MRBLD1FB70_SIN		0.00	9.38	-32.72	106.63	140.05	-28.25	-6.43	-9.48	3.80	0.49	0.95	0.30	-0.05	-1.20	2.87	-1.47
MRBLD1FB87_COS		49.95	1.55	-22.81	7.69	57.42	-3.45	-2.50	-26.94	3.95	0.46	6.09	0.37	-1.57	0.52	-1.10	-0.50
MRBLD1FB87_SIN		0.00	4.12	-28.41	62.62	54.44	-5.18	1.13	3.69	-3.33	-0.89	-8.85	0.51	0.04	-1.86	3.09	-1.25
MRBLD1FB120_COS		-200.09	7.60	-31.46	19.81	-7.27	2.03	6.32	-78.69	5.43	0.48	-2.01	-0.65	1.80	-0.10	1.61	1.04
MRBLD1FB120_SIN		0.00	2.25	-34.05	60.58	-37.31	22.88	9.41	14.79	-6.62	-0.37	2.11	-0.65	0.30	2.14	-4.77	2.01
MRBLD1FB164_COS		251.19	30.68	-186.06	28.46	-186.07	13.20	13.92	112.84	-9.29	-0.63	4.52	1.94	-2.89	1.21	-0.26	-0.05
MRBLD1FB164_SIN		0.00	21.45	-76.95	8.41	-207.26	32.41	-3.31	-2.95	12.48	1.05	-2.47	1.23	0.77	-2.94	3.78	0.34

RUN	POINT	Harmonics															
57	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		164.34	28.10	-174.60	18.30	-136.93	9.39	-0.24	109.93	-5.45	-1.92	16.12	1.33	-1.03	1.83	1.77	0.32
MRBLD1FB180_SIN		0.00	8.27	-56.59	-23.03	-134.06	-1.30	-15.32	-15.31	3.50	-4.74	-20.36	1.59	0.38	0.55	-4.98	2.24
MRBLD1TOR51_COS		-1313.74	2.91	-5.29	-3.95	27.16	-3.30	-17.08	65.85	-3.09	-0.47	4.02	-0.49	-0.03	0.39	1.24	-0.86
MRBLD1TOR51_SIN		0.00	-1.63	-11.01	33.88	46.91	2.08	-15.51	-23.65	1.52	-0.90	-2.44	0.37	-0.56	0.43	-0.78	0.19
MRBLD1TOR71_COS		-102.74	-4.54	1.60	-4.10	15.80	-3.43	-13.83	48.38	-1.72	-0.37	5.35	0.02	-0.09	0.45	0.85	-0.47
MRBLD1TOR71_SIN		0.00	-2.44	-8.22	20.51	25.42	5.87	-13.00	-25.36	0.66	-0.96	-2.73	0.40	-0.62	0.20	-0.30	0.02
MRBLD1TOR130_COS		154.30	-2.76	7.20	-2.87	0.88	-3.28	-8.12	41.04	-2.99	-0.73	-1.60	-0.05	0.32	-0.33	0.00	0.35
MRBLD1TOR130_SIN		0.00	-0.47	-5.05	5.42	-2.56	8.48	-8.79	-17.10	1.13	0.15	-0.51	0.34	-0.15	-0.17	0.48	-0.14
MRBLD1TOR164_COS		-77.27	-2.38	26.55	-5.41	17.39	-2.35	-6.06	14.58	0.87	-0.06	0.27	-0.07	0.23	-0.78	0.90	0.12
MRBLD1TOR164_SIN		0.00	-1.11	10.02	-4.33	33.41	-3.02	-6.16	-11.76	0.08	0.34	-1.15	0.01	0.83	-0.05	-0.07	0.54
MRFBM2CB26P5_COS		-1410.10	36.58	64.21	3.14	0.70	2.81	11.96	-11.48	3.48	-0.36	-4.62	0.34	-0.34	0.36	0.72	-0.07
MRFBM2CB26P5_SIN		0.00	365.21	-18.99	-12.54	-6.46	-5.29	-0.82	4.49	1.62	0.70	1.87	0.31	-0.05	0.35	-1.19	0.06
MRFBM2FB9_COS		-1042.01	-130.72	-100.43	-37.88	-67.70	-1.27	-1.07	17.62	-1.64	-0.12	1.59	-0.04	0.45	-0.35	0.19	0.15
MRFBM2FB9_SIN		0.00	-206.68	30.75	61.77	24.46	8.32	7.68	-8.45	-0.03	-0.03	-0.72	0.35	0.01	0.08	0.30	-0.09
MRFBM2TOR26P5_COS		-417.78	-12.17	-0.12	0.00	-0.27	-0.08	0.07	-0.03	0.00	-0.01	0.08	0.01	0.00	-0.02	-0.03	0.00
MRFBM2TOR26P5_SIN		0.00	-4.40	-0.18	-0.04	0.52	0.03	-0.47	0.34	0.02	0.00	-0.01	-0.02	0.01	-0.02	0.03	0.00

RUN	POINT	Harmonics															
57	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1046.17	762.19	-164.53	1.60	48.34	9.38	-10.78	104.09	-1.93	-0.21	-28.15	-9.18	2.04	-2.79	6.94	-2.18
MRPC1CB33P25_SIN		0.00	179.01	-59.39	103.81	130.10	-36.68	-31.83	33.09	6.74	5.06	10.50	-3.14	1.48	0.96	-1.95	2.49
MRPC1FB33P25_COS		1545.07	-164.31	-96.81	1.68	280.19	10.03	-4.98	260.66	-37.81	-6.05	-39.77	2.11	4.94	-7.89	15.83	-4.69
MRPC1FB33P25_SIN		0.00	-37.79	-55.08	254.64	480.24	-87.82	-29.68	82.74	8.69	2.33	12.66	0.78	3.47	4.08	-3.56	5.66
MRPC1TOR25P5_COS		-936.53	-34.14	14.92	1.45	-26.53	1.90	22.63	-59.89	2.16	0.59	-8.10	-0.93	0.72	-1.38	1.01	0.64
MRPC1TOR25P5_SIN		0.00	-16.51	10.47	-25.12	-30.83	-4.44	19.29	29.69	-0.92	2.30	3.04	-0.82	0.82	-0.62	1.64	0.52
MRPLK1LOAD_COS		-96.65	2.35	0.79	-0.07	-4.25	0.41	2.62	-9.06	0.24	-0.06	-1.00	-0.01	0.11	-0.17	0.10	0.17
MRPLK1LOAD_SIN		0.00	5.20	0.60	-3.84	-4.88	-0.50	2.26	4.05	-0.22	0.38	0.41	-0.04	0.04	-0.13	0.32	0.02
PITCHRH_COS		14477.02	-8116.46	-177.23	17.00	129.44	2267.22	-99.48	68.60	-28.78	-7.61	3.03	38.95	13.72	16.10	-3.46	52.42
PITCHRH_SIN		0.00	2285.12	-24.30	-36.86	111.46	482.07	120.97	58.48	80.45	-2.75	-6.13	30.41	10.22	12.50	2.87	-48.15
ROLLRH_COS		1374.85	-2395.05	3.77	64.72	-108.35	-2023.61	-59.66	-46.28	12.33	31.63	-33.11	-21.33	8.38	9.23	-14.31	83.18
ROLLRH_SIN		0.00	-8016.00	-196.88	-22.15	-95.62	2196.11	-102.13	-81.27	-30.58	1.41	7.66	24.49	-0.75	-6.19	16.71	90.92
TORQ_COS		36603.83	170.84	-0.60	-6.99	14.96	24.24	7.30	9.01	-20.15	0.14	18.07	-0.69	2.99	-1.94	-4.13	8.30
TORQ_SIN		0.00	505.68	6.09	-6.51	30.66	-28.59	6.29	-0.87	-13.99	-5.39	-19.36	6.61	-8.01	5.82	-6.29	-7.44
THRUST_COS		2102.83	-4.69	4.85	2.88	3.47	-4.67	0.36	1.16	0.07	0.55	13.90	-0.55	0.26	-0.52	-0.61	1.59
THRUST_SIN		0.00	1.62	7.36	-4.05	-9.78	28.14	-2.46	-3.91	-0.12	1.70	-8.46	-1.76	-0.85	-0.69	0.15	-4.97

RUN	POINT	Harmonics															
57	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-74.87	64.16	-1.77	7.33	15.50	-24.14	4.25	-0.37	-0.39	-0.96	1.06	1.61	-0.04	-0.32	0.48	-2.38
SIDERH_SIN		0.00	209.84	10.63	-2.41	4.22	-196.10	1.10	3.26	0.16	-0.19	-0.40	-0.48	0.07	0.16	-0.48	-2.62
DRAGRH_COS		-267.86	213.74	5.19	-0.99	-11.39	59.64	3.31	2.58	3.12	-0.78	-2.11	-1.48	-0.57	-0.43	0.10	-2.16
DRAGRH_SIN		0.00	-46.08	-0.36	4.10	-5.14	199.01	-11.08	2.95	-1.59	-0.05	1.35	-2.48	-0.29	-0.32	-0.08	2.03

RUN	POINT	Harmonics															
57	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.98	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-11.42	0.45	2.34	-0.29	0.74	-0.06	-0.01	0.01	-0.04	0.02	0.07	0.02	0.08	-0.01	-0.05	-0.03
ACT1FORCE_SIN		0.00	-0.17	0.27	0.60	0.22	0.48	0.04	0.13	0.04	-0.05	0.02	-0.03	-0.04	-0.02	-0.02	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		-92.45	-6.33	-24.10	1.91	-11.05	-0.84	-0.23	0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	3.34	3.39	-3.51	-0.29	-4.18	0.71	0.01	-0.03	0.00	-0.01	0.00	0.00	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		900.73	6.52	24.80	-1.88	11.41	0.96	0.27	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	-3.42	-3.65	3.64	0.13	4.29	-0.74	0.01	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-3748.46	480.44	-156.10	63.56	7.84	19.80	26.63	37.75	7.74	-0.82	-14.39	-2.08	1.81	1.53	9.53	5.43
MRBLD1CB42P75_SIN		0.00	177.41	-116.91	139.31	57.37	-28.96	-12.04	-50.33	-2.42	9.22	7.63	-26.25	-0.35	-4.38	1.31	1.51

RUN	POINT	Harmonics															
57	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2988.36	283.03	-47.89	29.69	-23.66	12.54	22.32	27.65	2.17	1.11	-15.92	-3.59	0.71	2.20	2.23	4.68
MRBLD1CB70_SIN		0.00	124.27	-50.78	120.61	36.25	-12.67	15.37	-40.53	-3.13	11.26	-4.81	-18.34	0.65	-3.28	5.86	-2.15
MRBLD1CB120_COS		-763.27	95.33	41.46	19.91	-4.75	5.66	7.23	24.36	-8.17	2.19	10.03	0.84	-2.54	-0.29	0.10	1.17
MRBLD1CB120_SIN		0.00	44.10	9.02	103.68	47.71	-2.86	31.98	-31.37	1.69	-5.27	-0.89	13.11	0.88	2.22	0.36	0.13
MRBLD1CB164_COS		-2124.67	8.79	58.48	10.46	0.40	-3.24	-13.13	-3.58	-5.17	2.28	11.31	0.95	-1.11	-1.81	-0.04	-3.57
MRBLD1CB164_SIN		0.00	4.28	38.55	71.05	28.31	7.74	18.86	1.17	0.84	-8.35	8.30	12.49	0.33	1.55	-4.41	1.07
MRBLD1FB42P75_COS		2396.08	-86.48	-170.45	291.24	221.83	14.24	32.86	36.48	-0.79	-10.22	29.58	-9.99	-1.89	-2.60	14.12	11.29
MRBLD1FB42P75_SIN		0.00	-21.76	-108.96	333.38	195.69	-81.28	-45.33	-172.01	6.93	-11.71	13.42	-13.63	2.95	-3.20	-20.79	-10.03
MRBLD1FB70_COS		409.09	10.64	-60.93	95.26	60.22	5.92	6.66	6.58	0.17	-0.18	-0.25	0.04	0.41	0.16	-3.13	-2.47
MRBLD1FB70_SIN		0.00	9.23	-48.58	121.93	60.97	-22.51	-10.05	-29.70	0.45	0.09	0.32	0.51	-0.23	0.56	4.14	2.23
MRBLD1FB87_COS		45.30	4.59	-30.09	51.69	22.23	2.33	-2.51	-3.04	0.10	2.57	-5.57	3.32	0.47	0.80	-2.89	-1.97
MRBLD1FB87_SIN		0.00	9.30	-30.65	74.42	24.97	-4.94	1.82	13.84	-0.67	2.06	-3.40	4.22	-0.42	1.16	4.54	2.10
MRBLD1FB120_COS		-216.23	4.83	-43.45	49.73	-9.74	-6.28	-9.34	-10.08	-0.85	0.65	1.87	-1.31	-0.38	-0.50	4.63	3.27
MRBLD1FB120_SIN		0.00	14.71	-37.63	77.95	-15.61	22.62	15.52	42.96	-0.35	-0.09	0.46	-2.88	0.21	-1.39	-6.14	-3.29
MRBLD1FB164_COS		340.80	36.82	-222.03	32.70	-64.79	-7.57	10.30	25.04	1.88	-2.74	-2.72	1.88	-1.12	1.58	-2.04	-0.53
MRBLD1FB164_SIN		0.00	16.90	-135.63	17.82	-93.70	30.11	-14.30	-53.27	4.09	0.00	-0.85	5.71	-1.30	1.32	5.23	0.90

RUN	POINT	Harmonics															
57	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		247.68	28.51	-191.41	4.77	-45.67	0.92	17.08	19.82	1.54	6.41	-11.77	7.63	-3.01	-0.30	5.74	4.23
MRBLD1FB180_SIN		0.00	9.00	-100.38	-23.24	-62.61	-8.80	-22.19	-55.64	-0.17	5.93	-7.86	8.93	0.29	-1.34	-5.62	-3.81
MRBLD1TOR51_COS		-1200.17	-0.84	-2.09	23.82	12.56	2.36	-3.05	6.97	0.94	1.53	-1.34	0.02	-0.43	0.62	1.91	1.63
MRBLD1TOR51_SIN		0.00	1.48	-23.13	47.81	23.57	-0.31	-18.58	-37.79	1.00	1.62	-2.75	2.04	0.04	0.35	0.02	0.89
MRBLD1TOR71_COS		2.07	-5.08	5.32	14.81	7.06	0.55	-4.16	1.92	0.95	1.45	-1.00	0.15	-0.29	0.45	1.20	1.07
MRBLD1TOR71_SIN		0.00	0.64	-16.61	31.15	13.84	2.42	-15.89	-29.00	0.90	1.31	-3.04	2.77	0.09	0.32	0.53	0.53
MRBLD1TOR130_COS		261.60	-3.55	11.50	5.34	0.62	-0.93	-2.56	3.19	0.77	0.88	0.29	0.45	-0.22	-0.12	-0.27	-0.77
MRBLD1TOR130_SIN		0.00	2.49	-11.54	11.90	1.41	4.53	-11.40	-24.03	0.61	-0.94	1.10	-0.68	0.17	-0.42	0.66	-0.60
MRBLD1TOR164_COS		-3.97	-3.28	33.68	-4.55	5.97	3.84	-1.07	-1.56	0.36	1.13	-0.35	0.61	-0.29	-0.29	1.35	0.15
MRBLD1TOR164_SIN		0.00	-0.16	13.03	-3.25	16.22	-2.65	-6.05	-11.11	-1.14	0.97	-0.66	0.39	0.29	-0.68	0.32	-0.61
MRFBM2CB26P5_COS		-1410.80	20.80	77.60	-9.45	3.41	8.25	6.33	-3.17	2.25	-1.07	1.11	0.66	0.07	-0.73	1.83	1.02
MRFBM2CB26P5_SIN		0.00	215.58	-6.13	-14.42	-6.31	-3.63	1.23	6.44	0.41	-0.46	4.28	0.24	-0.32	0.78	-2.39	0.76
MRFBM2FB9_COS		-1043.78	-88.49	-130.31	6.35	-30.28	-2.19	-3.09	2.61	-0.34	0.33	-0.66	-0.82	0.07	0.16	-0.06	-0.65
MRFBM2FB9_SIN		0.00	-97.73	13.69	103.42	13.40	3.54	1.23	-11.38	0.13	0.27	-1.19	0.26	0.06	-0.27	0.93	0.22
MRFBM2TOR26P5_COS		-417.65	-12.67	-0.06	0.05	-0.14	-0.21	0.31	0.14	-0.02	0.06	-0.01	-0.01	0.00	0.00	-0.05	-0.01
MRFBM2TOR26P5_SIN		0.00	-3.41	-0.16	-0.11	0.30	-0.05	-0.19	0.18	0.00	0.06	-0.10	-0.02	0.02	-0.01	-0.01	0.00

RUN	POINT	Harmonics															
57	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-998.50	460.14	-176.38	69.37	33.02	16.20	17.84	34.97	5.64	-0.93	-3.11	-1.05	0.74	0.66	10.90	6.21
MRPC1CB33P25_SIN		0.00	146.42	-112.38	117.68	63.01	-29.03	-18.20	-46.95	-0.72	2.47	12.38	-16.74	-0.37	-2.65	-0.96	2.34
MRPC1FB33P25_COS		1547.18	-81.18	-118.48	178.96	133.52	33.50	43.64	95.99	-3.54	-1.97	12.58	1.49	-3.49	0.90	25.98	15.31
MRPC1FB33P25_SIN		0.00	-39.67	-103.57	321.65	208.13	-59.12	-22.13	-117.77	4.23	-13.76	26.16	-16.91	0.56	-4.04	0.53	4.31
MRPC1TOR25P5_COS		-1056.64	-11.22	11.26	-22.19	-13.22	-1.11	8.11	-3.27	-0.85	-1.20	0.67	0.09	0.35	-0.44	1.01	-0.21
MRPC1TOR25P5_SIN		0.00	-22.85	22.96	-35.35	-17.17	-0.37	22.38	36.07	-1.30	-2.20	4.28	-5.37	0.13	-1.51	2.06	-0.96
MRPLK1LOAD_COS		-111.83	2.15	0.27	-3.65	-1.88	-0.29	0.72	-0.64	-0.14	-0.10	0.36	0.09	0.02	-0.07	0.01	-0.07
MRPLK1LOAD_SIN		0.00	4.45	1.85	-5.04	-2.65	0.01	3.01	5.41	-0.19	-0.45	0.69	-0.51	0.06	-0.21	0.47	-0.16
PITCHRH_COS		12546.98	-8268.90	-206.26	14.69	19.98	1135.66	-95.01	59.89	4.02	-9.04	-13.81	13.49	5.49	0.15	-5.51	122.31
PITCHRH_SIN		0.00	2611.23	35.71	-66.97	89.21	76.47	133.76	14.95	45.22	-7.01	-89.35	0.44	3.57	-8.52	5.19	11.71
ROLLRH_COS		1373.89	-2741.13	68.98	64.39	-165.00	-942.10	-50.24	-27.10	32.42	-8.91	0.49	-18.02	-5.71	5.32	-0.34	74.38
ROLLRH_SIN		0.00	-8195.85	-212.11	-3.89	-39.73	1017.59	-87.92	-31.70	-22.17	-10.92	-10.41	8.14	4.41	2.74	8.62	176.42
TORQ_COS		36639.84	138.39	-3.63	-4.67	-11.02	7.91	-1.42	5.55	-15.64	-1.38	-5.28	-0.43	2.57	-0.54	-3.95	0.23
TORQ_SIN		0.00	524.52	2.34	-10.90	1.86	0.01	4.34	2.82	-8.24	-1.86	-17.91	6.97	-5.52	7.45	-4.23	-6.73
THRUST_COS		2123.85	-11.37	4.02	9.23	2.10	-10.28	-0.93	3.77	0.45	0.42	-4.62	-0.82	0.08	-0.03	1.23	-8.83
THRUST_SIN		0.00	-1.60	12.60	-9.45	-0.62	18.03	-1.05	-1.31	-0.89	0.17	-10.98	1.42	0.24	0.08	2.87	0.93

RUN	POINT	Harmonics															
57	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-73.22	71.11	-3.40	5.22	9.04	-10.61	1.43	-0.49	-1.13	0.98	0.17	0.79	0.16	-0.23	-0.07	-2.04
SIDERH_SIN		0.00	209.14	10.35	-2.55	-17.94	-84.91	2.04	1.46	0.30	0.45	0.07	-0.49	-0.27	-0.12	-0.48	-5.24
DRAGRH_COS		-277.81	211.85	5.79	-2.02	-7.96	29.56	1.89	2.61	1.19	-0.36	-1.58	-0.74	0.04	0.30	0.32	-5.76
DRAGRH_SIN		0.00	-46.15	-1.07	2.40	2.35	111.00	-9.20	2.80	-0.67	1.34	7.00	-0.90	-0.12	0.61	-0.08	0.07

RUN	POINT	Harmonics															
57	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.47	0.00	0.04	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.02	0.01	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-4.50	-0.11	0.80	0.29	0.36	0.23	0.21	0.22	-0.02	0.07	0.07	0.00	0.01	0.06	-0.01	-0.03
ACT1FORCE_SIN		0.00	0.03	-0.62	0.13	-0.16	0.07	-0.13	-0.02	0.07	-0.01	-0.08	-0.01	0.00	-0.01	0.03	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.67	0.00	0.01	-0.01	0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.01	0.04	0.00	0.03	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	0.00	-0.02	0.00	-0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3838.70	406.38	-107.82	63.05	76.60	-42.56	-19.79	-99.18	14.89	-10.30	7.77	-5.50	-0.05	-0.06	-5.13	1.57
MRBLD1CB42P75_SIN		0.00	198.25	85.31	-27.26	4.92	10.95	5.12	-55.56	-4.17	2.77	11.34	-1.82	-1.53	-1.31	0.60	-2.50

RUN	POINT	Harmonics															
57	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2914.28	234.96	-43.70	60.73	69.33	-27.96	14.37	-73.11	8.62	-11.22	-5.04	-3.19	-0.39	1.09	-6.55	0.84
MRBLD1CB70_SIN		0.00	144.55	27.19	-6.29	32.75	-12.99	14.39	-38.78	-4.18	4.08	7.87	-0.71	-0.88	-2.09	-0.55	-4.43
MRBLD1CB120_COS		-857.97	73.66	12.95	52.01	93.22	-15.79	48.26	-44.05	-0.65	6.06	-1.42	1.51	0.16	0.54	0.81	1.50
MRBLD1CB120_SIN		0.00	68.85	-18.34	-1.20	8.81	-15.19	26.09	-18.39	3.80	-4.67	-6.87	2.35	-1.22	0.02	-1.92	-0.26
MRBLD1CB164_COS		-2071.59	3.77	30.77	43.23	50.85	5.52	31.85	13.20	-4.38	10.07	7.54	1.07	0.73	-0.87	4.69	-1.54
MRBLD1CB164_SIN		0.00	21.57	-27.42	-1.69	-1.92	-11.60	13.95	14.15	4.27	-4.57	-5.30	1.71	-0.80	1.30	1.86	2.95
MRBLD1FB42P75_COS		2397.40	-61.12	-88.43	156.80	268.74	-60.87	-10.58	-275.36	24.65	-0.37	27.09	-4.62	-4.71	-0.46	-8.10	-0.66
MRBLD1FB42P75_SIN		0.00	-27.56	84.86	-135.69	-234.44	125.37	5.40	-6.06	-6.93	-18.02	-18.57	6.14	-3.87	0.14	5.24	-8.07
MRBLD1FB70_COS		418.31	15.08	-38.49	60.90	81.42	-18.08	-3.34	-49.11	3.27	-0.59	0.21	0.28	0.43	0.35	1.82	0.31
MRBLD1FB70_SIN		0.00	10.48	26.87	-43.37	-65.13	31.59	4.60	-0.83	-1.78	-0.10	0.16	-0.02	0.56	0.12	-1.00	1.92
MRBLD1FB87_COS		72.86	7.70	-23.60	42.70	33.10	-3.01	-0.68	24.27	-3.61	0.24	-6.23	1.55	1.05	0.25	1.65	0.27
MRBLD1FB87_SIN		0.00	7.61	8.97	-23.22	-28.30	8.15	2.90	1.05	1.00	2.99	3.47	-1.41	0.98	-0.11	-1.52	1.53
MRBLD1FB120_COS		-135.20	12.59	-33.83	54.31	-16.61	17.22	6.62	69.50	-4.83	1.31	2.08	-1.19	-0.99	-0.08	-2.39	-0.54
MRBLD1FB120_SIN		0.00	-0.42	16.07	-24.64	5.18	-20.04	-6.66	0.22	2.27	0.94	-0.15	0.21	-0.98	0.03	1.57	-2.45
MRBLD1FB164_COS		114.40	56.26	-141.50	-13.88	-124.13	19.80	-1.37	-98.91	10.70	-1.38	-4.37	4.26	1.87	-0.10	2.02	-0.05
MRBLD1FB164_SIN		0.00	-35.90	136.58	-25.37	88.15	-45.83	-6.21	-13.75	-3.47	-2.71	-0.57	-2.25	1.38	-1.14	-1.25	0.69

RUN	POINT	Harmonics															
57	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		5.42	42.75	-121.77	-36.67	-76.34	-4.72	-11.17	-96.39	5.83	-0.20	-14.42	3.03	-0.64	-0.97	-2.91	0.57
MRBLD1FB180_SIN		0.00	-35.54	119.86	-9.21	64.61	-7.49	11.53	-3.46	-0.72	8.23	6.50	-6.05	-0.66	1.28	2.00	-3.56
MRBLD1TOR51_COS		-1571.37	0.31	-13.05	21.98	22.64	10.00	-8.81	-58.69	3.84	-0.15	-2.83	0.92	0.31	0.00	-1.29	0.86
MRBLD1TOR51_SIN		0.00	-5.17	14.47	-8.89	-14.32	0.52	8.71	9.96	1.75	1.96	-0.47	-0.16	0.14	-0.05	-0.29	0.19
MRBLD1TOR71_COS		-344.03	-3.03	-7.85	14.34	10.05	12.74	-7.27	-43.81	2.64	-0.18	-3.16	0.86	0.35	-0.09	-0.87	0.63
MRBLD1TOR71_SIN		0.00	-6.27	9.82	-4.60	-9.00	-2.55	6.85	14.46	1.54	1.89	-0.72	-0.21	0.37	-0.03	-0.16	0.10
MRBLD1TOR130_COS		-95.18	-1.56	-3.30	4.90	-5.49	13.61	-4.58	-36.64	3.01	0.32	1.31	-1.01	0.06	-0.02	0.06	-0.18
MRBLD1TOR130_SIN		0.00	-6.18	7.82	-0.52	-1.92	-5.59	3.88	8.19	0.96	-0.29	0.27	-0.27	0.09	-0.09	0.23	-0.16
MRBLD1TOR164_COS		-258.58	-3.53	15.98	-0.54	16.65	-1.13	-4.02	-12.81	0.09	-0.52	-0.35	-0.31	-0.34	0.29	0.24	0.03
MRBLD1TOR164_SIN		0.00	-3.40	-5.89	5.65	-7.90	4.86	3.58	7.37	-1.21	0.91	0.44	-0.83	-0.40	0.25	0.02	-0.91
MRFBM2CB26P5_COS		-1395.52	10.13	14.39	-5.12	-6.24	-8.18	0.76	8.32	0.80	-0.60	3.75	-0.63	0.20	-0.30	0.79	0.43
MRFBM2CB26P5_SIN		0.00	195.17	-54.18	5.17	0.27	1.87	-5.91	-1.72	-1.21	-0.90	1.16	-0.33	-0.01	0.53	0.39	0.32
MRFBM2FB9_COS		-1006.93	-68.05	-23.91	47.27	12.67	9.01	4.29	-15.21	1.04	0.50	-1.44	0.18	-0.11	-0.10	0.04	-0.13
MRFBM2FB9_SIN		0.00	-91.97	88.65	1.87	40.63	-9.83	0.90	4.58	0.72	0.38	0.25	0.67	-0.04	0.02	-0.14	0.39
MRFBM2TOR26P5_COS		-418.16	-12.46	0.14	0.03	0.24	0.25	-0.28	0.05	0.01	0.05	-0.05	0.00	0.00	0.00	0.01	-0.01
MRFBM2TOR26P5_SIN		0.00	-3.31	-0.02	-0.12	0.33	-0.01	-0.11	-0.26	0.01	0.03	-0.05	0.04	0.00	0.01	-0.01	0.01

RUN	POINT	Harmonics															
57	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1057.26	394.52	-108.36	48.95	72.98	-37.62	-20.94	-91.31	12.48	-3.06	13.18	-4.70	0.12	-0.34	-3.53	2.37
MRPC1CB33P25_SIN		0.00	167.39	97.41	-33.18	-21.13	22.78	4.64	-46.66	-1.64	-0.54	6.59	-0.51	-2.03	-0.35	-0.32	-1.90
MRPC1FB33P25_COS		1556.12	-54.55	-76.62	151.80	272.74	-83.84	-7.69	-209.08	21.95	8.61	29.67	-7.62	-0.43	-0.30	-9.88	6.91
MRPC1FB33P25_SIN		0.00	-41.19	57.47	-81.44	-126.62	83.00	-1.07	-114.77	5.44	-13.35	2.59	1.02	-6.06	-0.87	-3.55	-5.70
MRPC1TOR25P5_COS		-668.52	-7.89	17.89	-14.76	-10.82	-14.49	11.08	54.33	-2.62	-0.57	4.73	-2.72	-0.29	-0.12	-0.29	-0.16
MRPC1TOR25P5_SIN		0.00	-15.54	-20.25	10.00	16.94	0.04	-11.30	-17.15	-1.98	-2.65	1.82	-0.27	-0.28	-0.39	0.06	-1.68
MRPLK1LOAD_COS		-62.75	2.10	1.37	-2.26	-2.12	-1.90	1.30	8.06	-0.35	0.05	0.83	-0.47	0.00	-0.05	0.05	-0.02
MRPLK1LOAD_SIN		0.00	5.56	-1.87	1.62	2.63	0.02	-1.34	-2.14	-0.20	-0.44	0.21	-0.05	-0.01	-0.05	-0.01	-0.24
PITCHRH_COS		12350.34	-8432.39	-182.34	2.79	68.74	370.82	-0.09	12.64	15.21	-7.34	0.12	-11.73	2.94	-12.25	-15.75	-18.48
PITCHRH_SIN		0.00	2129.85	-29.74	3.44	-28.48	-1220.49	42.09	-21.55	7.17	4.23	-29.98	-18.49	-12.93	-9.70	-10.89	6.43
ROLLRH_COS		1700.35	-2101.38	-3.13	-28.68	-21.75	1134.73	-86.84	-58.62	46.17	-20.46	10.79	0.84	2.06	7.08	0.61	10.77
ROLLRH_SIN		0.00	-8300.75	-257.63	21.17	-0.53	1212.67	39.82	22.71	-36.73	-0.79	25.29	-4.88	6.39	11.13	-2.14	-54.54
TORQ_COS		36988.62	171.43	0.09	-8.68	-8.26	6.59	3.54	-0.46	-10.01	-2.38	-15.00	1.34	2.36	-1.70	-6.35	1.57
TORQ_SIN		0.00	484.50	8.59	0.90	-0.36	-5.32	-1.52	7.49	-3.61	-4.12	-4.83	6.50	-6.91	6.76	-5.85	-3.82
THRUST_COS		2178.19	-4.91	6.42	-2.52	0.95	30.16	-0.64	0.79	0.42	0.05	-11.74	0.48	-0.17	-0.60	-0.14	-0.35
THRUST_SIN		0.00	2.33	-0.10	0.42	0.90	-42.35	0.49	1.85	-0.12	-1.18	0.39	0.89	-0.20	-0.34	1.01	3.96

RUN	POINT	Harmonics															
57	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-73.59	62.76	0.63	0.07	-0.24	-113.78	3.48	1.67	-1.18	1.29	0.35	-0.28	-0.22	-0.27	-0.04	-0.34
SIDERH_SIN		0.00	220.03	10.98	-3.17	9.70	-0.11	-0.09	0.38	1.04	-0.02	-1.25	-0.13	-0.26	-0.30	-0.03	1.53
DRAGRH_COS		-278.66	222.13	5.35	2.36	1.28	122.60	-0.65	2.43	0.40	0.15	1.29	-0.11	-0.19	0.73	0.74	0.94
DRAGRH_SIN		0.00	-51.73	-2.29	0.77	4.84	-38.65	-4.25	-0.56	-0.03	0.88	2.42	1.42	1.19	0.26	0.44	0.08

RUN	POINT	Harmonics															
57	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-5.21	0.37	2.42	-0.02	0.97	0.03	0.14	0.06	-0.01	0.06	0.04	0.02	0.01	0.01	0.02	0.01
ACT1FORCE_SIN		0.00	0.06	-0.59	0.22	0.15	0.10	0.10	0.06	-0.05	-0.01	-0.02	-0.02	-0.02	0.00	-0.01	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		294.48	-3.61	-22.53	0.78	-9.63	1.28	-1.13	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	0.67	5.56	-4.60	-1.75	-0.64	0.11	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		511.44	3.62	22.56	-0.78	9.64	-1.27	1.14	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	-0.67	-5.61	4.62	1.74	0.65	-0.11	-0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
MRBLD1CB42P75_COS		-3866.80	787.84	-193.10	-3.76	14.50	-15.69	9.02	11.03	14.64	-0.56	-0.68	-8.92	-2.16	-4.49	-8.23	3.15
MRBLD1CB42P75_SIN		0.00	35.33	-22.19	37.42	78.70	-11.29	-13.65	-28.74	-3.49	-5.15	-5.03	8.59	4.48	2.98	9.59	-2.83

RUN	POINT	Harmonics															
57	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2905.84	479.31	-71.92	-4.30	-18.64	-17.79	13.57	7.82	6.96	-2.04	-7.40	-5.29	-1.78	-2.10	-8.94	2.04
MRBLD1CB70_SIN		0.00	41.80	-20.87	32.06	71.02	-9.04	24.77	-22.29	0.39	-3.98	-1.58	6.09	3.87	1.14	8.03	-4.99
MRBLD1CB120_COS		-850.58	180.04	25.91	-5.22	17.37	-17.54	8.08	3.93	-12.43	-1.11	1.02	3.51	0.43	0.55	-1.21	0.96
MRBLD1CB120_SIN		0.00	24.41	-15.44	27.80	91.44	-4.81	52.62	-18.21	-0.90	-1.68	-0.78	-4.12	-0.46	-0.44	-1.88	-0.18
MRBLD1CB164_COS		-2071.11	33.10	48.03	1.24	20.10	-4.99	-5.26	-3.03	-10.06	0.68	6.32	3.15	0.88	0.58	6.82	-2.49
MRBLD1CB164_SIN		0.00	3.70	-0.68	17.42	46.22	1.00	30.45	0.73	-2.63	0.20	-0.10	-3.71	-1.30	-0.19	-3.82	3.16
MRBLD1FB42P75_COS		2378.74	-160.68	-190.12	12.49	348.44	-43.11	11.49	-9.00	-6.33	-2.92	4.45	-3.10	4.54	-0.43	2.77	0.88
MRBLD1FB42P75_SIN		0.00	17.03	9.07	75.53	222.30	-3.78	-35.67	-83.39	-16.81	-13.40	-22.22	9.91	6.00	10.51	26.38	-13.26
MRBLD1FB70_COS		408.89	11.78	-77.32	4.79	96.98	-12.21	0.46	-0.77	0.08	-0.26	-0.32	0.27	-0.46	0.10	-0.26	-0.36
MRBLD1FB70_SIN		0.00	7.17	-4.07	28.28	67.82	-0.99	-6.53	-14.11	-2.09	-0.74	-0.08	-0.26	-0.60	-1.56	-5.26	2.74
MRBLD1FB87_COS		64.29	-0.26	-44.16	5.06	39.23	-3.04	-2.42	0.94	0.66	0.27	-0.80	0.58	-0.91	0.11	-0.89	0.01
MRBLD1FB87_SIN		0.00	2.85	-4.28	18.04	24.54	-0.31	2.93	7.19	2.44	2.14	4.61	-2.91	-1.69	-2.26	-5.40	2.43
MRBLD1FB120_COS		-150.21	-4.57	-59.32	10.64	-7.68	8.28	-1.14	2.40	0.61	0.85	0.44	-0.95	0.96	-0.31	0.92	-0.09
MRBLD1FB120_SIN		0.00	-1.82	-1.29	11.51	-26.11	2.31	8.99	20.31	1.34	0.68	-0.62	1.61	1.30	2.56	7.69	-3.56
MRBLD1FB164_COS		120.78	14.31	-249.63	-3.80	-129.38	22.64	6.93	-0.79	-2.95	-1.51	-2.09	1.09	-1.25	1.36	-1.49	0.18
MRBLD1FB164_SIN		0.00	4.94	9.29	-12.59	-103.18	-8.92	-13.46	-28.84	-1.23	-0.26	1.99	-3.02	-1.53	-3.78	-5.27	-0.02

RUN	POINT	Harmonics															
57	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		22.42	17.17	-220.74	-6.85	-97.57	4.65	1.35	-2.52	1.73	-3.05	-4.44	-1.03	0.00	-0.73	0.31	0.28
MRBLD1FB180_SIN		0.00	-3.35	8.95	-10.65	-61.51	-9.70	-15.01	-27.37	2.00	2.94	10.26	-4.35	1.40	0.73	7.92	-5.71
MRBLD1TOR51_COS		-1524.04	2.29	-18.92	-2.55	23.27	-0.21	-6.68	-2.20	0.34	-0.51	-1.62	0.10	-0.14	-0.19	-1.07	1.73
MRBLD1TOR51_SIN		0.00	-9.88	4.31	10.40	25.74	2.63	-15.51	-17.34	-1.63	-1.13	1.08	-0.72	0.29	0.17	1.72	-0.87
MRBLD1TOR71_COS		-300.06	-4.63	-10.07	-1.97	13.67	1.03	-6.25	-3.09	0.06	-0.62	-1.60	0.23	-0.09	0.09	-0.66	0.96
MRBLD1TOR71_SIN		0.00	-8.64	4.50	6.81	13.71	3.11	-13.41	-12.58	-0.85	-0.56	1.40	-0.97	-0.04	-0.14	0.61	-0.47
MRBLD1TOR130_COS		-48.84	-3.25	-1.83	-1.13	1.11	2.08	-3.67	-1.70	0.21	-0.25	0.98	-1.14	-0.15	-0.21	-0.18	-1.07
MRBLD1TOR130_SIN		0.00	-6.85	5.94	2.50	-0.97	3.08	-10.04	-10.83	-1.43	-1.27	-0.43	0.00	0.34	-0.08	-0.70	0.20
MRBLD1TOR164_COS		-222.50	-0.64	29.30	-1.16	13.69	-3.84	-2.29	-1.38	1.06	-0.33	-0.31	-0.62	0.31	-0.78	-1.47	-0.20
MRBLD1TOR164_SIN		0.00	-5.47	8.24	2.19	18.18	0.87	-4.13	-3.22	0.42	-0.24	0.66	-0.69	0.35	-0.21	0.35	-0.38
MRFBM2CB26P5_COS		-1411.55	116.32	67.43	4.21	-0.71	-3.13	8.25	1.13	1.85	0.02	2.77	-0.12	0.27	0.44	1.13	0.80
MRFBM2CB26P5_SIN		0.00	345.38	-38.90	-2.58	-4.12	-1.61	-0.87	2.77	0.79	0.16	-1.07	-0.22	-0.44	0.09	0.65	0.28
MRFBM2FB9_COS		-1033.42	-183.05	-107.63	-13.06	-40.25	2.54	-1.06	-1.75	0.94	0.45	-0.48	0.39	0.13	-0.33	-0.43	-0.31
MRFBM2FB9_SIN		0.00	-181.54	77.08	12.38	25.05	1.18	2.41	-3.35	-0.64	-0.09	0.58	0.17	0.13	0.06	-0.92	0.24
MRFBM2TOR26P5_COS		-418.01	-13.01	-0.20	-0.02	-0.15	0.08	0.12	0.05	0.00	0.01	-0.06	0.00	0.00	-0.01	0.02	0.01
MRFBM2TOR26P5_SIN		0.00	-4.38	-0.15	-0.06	0.38	0.04	-0.29	-0.01	0.01	0.00	0.01	0.02	0.01	0.01	-0.02	0.00

RUN	POINT	Harmonics															
57	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1075.06	732.79	-202.22	-4.39	44.88	-11.74	1.73	10.00	9.57	0.22	4.48	-6.51	-1.21	-4.44	-7.56	4.28
MRPC1CB33P25_SIN		0.00	-0.29	-8.80	32.66	72.98	-8.30	-20.80	-27.87	-5.79	-5.01	-5.75	5.48	3.59	2.93	7.91	-2.22
MRPC1FB33P25_COS		1540.37	-149.80	-145.46	-3.08	230.14	-34.71	23.94	26.02	2.77	4.86	15.56	-8.50	-1.35	-8.33	-20.99	12.04
MRPC1FB33P25_SIN		0.00	-5.16	-14.10	63.97	258.88	-14.22	-21.29	-67.56	-15.28	-11.49	-13.34	5.27	7.33	6.02	18.62	-6.66
MRPC1TOR25P5_COS		-716.49	-27.15	28.43	2.54	-21.77	-2.38	11.70	3.78	0.16	0.38	2.36	-2.12	-0.21	-0.86	-2.30	-1.45
MRPC1TOR25P5_SIN		0.00	-0.37	-9.01	-8.05	-14.37	-3.29	18.50	15.80	1.73	0.41	-1.83	1.50	0.70	0.14	-0.21	0.42
MRPLK1LOAD_COS		-69.10	2.70	2.10	0.32	-3.39	-0.25	1.20	0.46	-0.08	-0.02	0.49	-0.35	-0.03	-0.13	-0.31	-0.35
MRPLK1LOAD_SIN		0.00	5.59	-1.62	-1.29	-2.45	-0.56	2.37	2.34	0.25	0.10	-0.27	0.08	0.08	-0.06	-0.36	0.15
PITCHRH_COS		14421.73	-8323.06	-168.49	-8.07	87.97	1546.77	-18.17	45.40	-11.78	-9.07	-13.20	17.90	5.95	4.94	-8.40	-62.99
PITCHRH_SIN		0.00	2099.62	-38.87	-13.76	51.86	-7.31	36.63	22.91	37.68	-6.98	3.00	2.39	9.25	13.44	-2.99	73.57
ROLLRH_COS		297.75	-2136.20	-18.72	-0.77	-48.54	-973.44	-38.96	-43.10	27.33	14.00	12.02	-19.10	-2.29	8.67	-22.01	-160.93
ROLLRH_SIN		0.00	-8205.96	-240.77	-24.50	-58.87	1554.34	-21.21	-66.84	-38.10	7.40	25.12	11.92	0.63	6.17	-1.77	-81.13
TORQ_COS		36496.93	189.76	1.37	-8.37	6.60	18.88	4.66	0.45	-17.35	-3.20	-5.95	-0.67	1.30	-1.09	-5.82	2.19
TORQ_SIN		0.00	488.68	6.70	0.67	12.55	-24.35	2.75	5.23	-7.27	-5.15	-1.99	6.23	-8.08	6.31	-7.28	-7.41
THRUST_COS		2116.89	-2.66	6.40	0.08	3.90	13.69	1.30	-0.70	1.10	-0.43	-5.11	1.06	-0.22	0.05	0.49	-3.64
THRUST_SIN		0.00	4.74	3.28	-0.60	-2.32	-1.20	-0.54	2.33	-0.01	0.41	6.06	0.20	-0.21	-0.04	-2.18	5.77

RUN	POINT	Harmonics															
57	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-76.61	62.30	0.58	2.96	5.20	-39.77	4.07	-0.07	-0.82	-0.40	-0.43	0.97	0.11	-0.35	0.54	4.71
SIDERH_SIN		0.00	218.04	11.60	-2.23	8.67	-114.45	-0.80	2.47	0.59	-0.62	-1.32	-0.34	-0.11	-0.21	0.00	2.33
DRAGRH_COS		-268.69	222.61	4.45	0.55	-5.81	62.32	-4.30	2.36	2.65	0.26	-0.18	-0.69	0.19	-0.19	0.25	2.45
DRAGRH_SIN		0.00	-51.34	-1.62	2.66	-0.46	122.63	-4.31	0.46	-0.74	0.66	-1.54	-1.15	-0.32	-0.56	-0.21	-3.55

RUN	POINT	Harmonics															
57	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-5.78	0.32	1.92	0.38	0.93	0.21	0.34	-0.06	0.00	-0.01	0.00	0.03	-0.03	0.02	0.03	-0.01
ACT1FORCE_SIN		0.00	0.09	-0.23	0.52	0.58	-0.01	0.10	0.07	0.06	0.02	0.01	0.01	0.01	-0.01	0.02	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		299.72	-3.56	-20.90	-2.77	-10.83	-1.61	-3.30	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	1.82	5.41	-3.36	-2.16	-0.74	0.60	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		506.17	3.56	20.94	2.79	10.86	1.62	3.30	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	-1.83	-5.45	3.36	2.14	0.73	-0.61	-0.02	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00
MRBLD1CB42P75_COS		-3874.07	382.32	-126.89	16.85	8.94	3.48	-5.36	22.01	10.78	7.65	7.81	-8.21	-1.71	1.91	9.54	0.13
MRBLD1CB42P75_SIN		0.00	-460.39	-33.09	111.48	93.30	3.52	-17.45	1.76	6.31	2.33	-8.17	-14.39	2.82	-1.82	-1.84	3.04

RUN	POINT	Harmonics															
57	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2900.65	214.11	-41.93	9.45	-33.02	-10.73	1.09	19.33	3.75	7.82	0.54	-6.56	-1.24	1.71	4.73	0.74
MRBLD1CB70_SIN		0.00	-272.95	-19.45	93.49	102.09	-1.77	29.93	-2.06	0.73	-0.11	-5.59	-9.95	1.99	-1.67	0.62	0.77
MRBLD1CB120_COS		-853.51	65.57	32.47	7.63	9.09	-9.42	-1.68	16.91	-9.70	-3.57	-3.21	4.48	0.74	-0.15	-1.67	-0.33
MRBLD1CB120_SIN		0.00	-107.87	-2.76	76.12	121.94	-4.28	65.31	-1.33	6.66	3.10	1.59	7.86	-0.98	1.50	0.33	0.25
MRBLD1CB164_COS		-2071.62	3.90	35.79	15.70	16.75	-4.38	-2.99	-0.24	-8.71	-5.90	0.86	3.95	1.05	-1.61	-2.09	-0.44
MRBLD1CB164_SIN		0.00	-27.86	9.93	51.55	69.00	-3.80	38.81	0.47	4.01	2.67	1.21	8.64	-1.36	1.25	-0.60	-0.64
MRBLD1FB42P75_COS		2376.70	-2.59	-136.74	137.71	375.45	55.69	-13.30	61.03	21.56	6.26	2.74	-7.05	0.60	2.89	5.92	6.97
MRBLD1FB42P75_SIN		0.00	122.21	-0.97	266.69	226.55	-10.62	-34.01	-17.35	34.25	15.01	-16.37	-3.26	2.68	-4.06	-17.53	4.87
MRBLD1FB70_COS		405.64	32.91	-58.39	48.97	109.10	13.51	-4.27	10.38	2.82	0.49	-0.22	0.21	-0.14	-0.51	-1.51	-1.56
MRBLD1FB70_SIN		0.00	17.36	-1.62	98.03	74.53	-2.31	-5.92	-3.64	3.16	0.15	-0.52	0.14	-0.28	0.69	3.39	-1.20
MRBLD1FB87_COS		62.91	17.23	-40.88	33.73	47.20	2.37	-0.77	-5.50	-3.47	-1.59	-1.13	2.34	-0.10	-0.46	-1.43	-1.41
MRBLD1FB87_SIN		0.00	20.53	2.13	56.45	32.34	0.32	1.81	0.70	-4.84	-2.52	3.83	1.24	-0.69	0.75	3.95	-0.82
MRBLD1FB120_COS		-149.27	10.41	-59.08	40.42	-12.46	-6.95	7.37	-14.66	-4.31	0.00	0.20	-2.55	0.00	0.81	1.91	2.24
MRBLD1FB120_SIN		0.00	11.17	0.74	55.59	-7.74	-0.10	7.94	6.55	-3.54	-0.51	-0.68	-0.90	0.50	-1.03	-5.99	1.14
MRBLD1FB164_COS		122.26	39.80	-187.17	-10.76	-170.01	-11.63	-2.97	19.14	11.29	0.81	1.63	4.17	0.35	-1.15	-1.14	-1.10
MRBLD1FB164_SIN		0.00	17.37	-29.63	27.88	-136.08	-2.99	-1.32	-5.14	10.94	2.17	2.01	2.09	0.47	1.08	4.24	0.63

RUN	POINT	Harmonics															
57	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		18.83	28.42	-166.49	-21.98	-115.45	-2.17	-10.65	18.09	0.38	-2.33	-2.67	1.13	-0.50	0.17	1.18	3.52
MRBLD1FB180_SIN		0.00	27.81	-10.40	-0.95	-98.67	-3.40	-14.95	-7.60	2.33	-2.21	6.87	4.38	-1.15	-0.77	-6.42	1.57
MRBLD1TOR51_COS		-1522.84	-5.24	-11.24	3.12	21.39	0.76	-19.02	13.19	-0.45	-0.20	-1.04	-0.71	0.08	0.33	1.55	0.30
MRBLD1TOR51_SIN		0.00	-22.46	-2.55	29.21	24.30	-0.84	-14.11	-4.39	3.09	-0.50	0.86	0.62	-0.12	-0.31	-1.08	1.31
MRBLD1TOR71_COS		-298.57	-6.13	-5.07	0.85	11.57	-1.41	-16.15	9.58	-0.53	-0.23	-1.14	-0.28	0.17	0.05	1.05	0.12
MRBLD1TOR71_SIN		0.00	-15.57	-0.78	17.17	11.48	-0.70	-11.93	-4.41	1.43	-0.89	1.36	0.84	-0.23	-0.30	-0.54	0.77
MRBLD1TOR130_COS		-46.57	-6.31	1.30	-2.73	-2.68	-2.96	-10.90	8.33	0.29	-0.11	0.97	0.07	0.00	0.00	0.03	-0.06
MRBLD1TOR130_SIN		0.00	-15.23	-0.72	3.05	-4.69	-0.44	-8.16	-3.05	2.93	0.66	-0.09	-0.47	0.18	-0.05	0.39	-0.64
MRBLD1TOR164_COS		-220.74	-5.87	22.98	-4.36	15.24	1.72	-4.41	2.83	-0.28	0.28	-0.80	-0.63	-0.29	0.50	1.05	0.04
MRBLD1TOR164_SIN		0.00	-14.60	7.37	-6.85	21.39	2.89	-3.50	-1.87	-1.38	-0.74	-0.07	-0.77	-0.12	0.15	0.27	-0.15
MRFBM2CB26P5_COS		-1413.29	278.93	52.29	3.02	-6.92	4.48	9.54	-2.38	2.82	1.31	2.26	0.52	0.38	0.01	0.51	0.05
MRFBM2CB26P5_SIN		0.00	108.72	-20.73	-6.04	-5.99	0.20	-1.80	0.66	-1.48	0.77	-0.71	-0.25	0.03	-0.22	-1.40	0.57
MRFBM2FB9_COS		-1041.13	-247.96	-91.06	-20.92	-44.37	-5.69	-0.36	2.79	-0.47	-0.84	-0.63	-0.19	-0.05	0.05	0.23	-0.12
MRFBM2FB9_SIN		0.00	22.82	44.41	63.56	29.96	-1.89	4.90	-1.79	1.77	-0.16	0.42	0.59	-0.18	0.18	0.52	-0.19
MRFBM2TOR26P5_COS		-419.22	-14.51	-0.03	0.17	-0.20	-0.07	0.07	0.02	0.01	-0.04	-0.05	-0.03	0.00	-0.02	-0.03	0.00
MRFBM2TOR26P5_SIN		0.00	-3.50	-0.04	-0.12	0.48	-0.06	-0.49	0.06	0.05	0.00	0.00	0.01	0.00	0.01	0.02	0.00

RUN	POINT	Harmonics															
57	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1080.89	351.59	-137.53	18.84	46.75	10.91	-10.20	19.64	8.14	2.87	8.12	-5.19	-1.13	1.68	8.74	-0.04
MRPC1CB33P25_SIN		0.00	-446.30	-26.36	93.83	76.96	4.79	-24.90	2.90	10.07	4.10	-7.15	-8.37	1.59	-0.93	-2.67	3.61
MRPC1FB33P25_COS		1532.69	-9.58	-103.11	66.39	249.55	46.75	4.35	54.26	1.02	-2.58	11.48	-3.05	-1.87	4.94	18.28	-0.83
MRPC1FB33P25_SIN		0.00	107.11	-14.17	240.88	271.87	8.34	-27.82	11.37	35.34	14.23	-10.57	-7.60	2.26	-0.35	-5.17	9.03
MRPC1TOR25P5_COS		-717.36	9.76	18.37	-2.20	-20.80	-0.76	24.73	-11.89	0.64	0.65	2.23	-0.02	-0.29	0.06	1.34	-0.62
MRPC1TOR25P5_SIN		0.00	31.95	1.99	-19.91	-9.62	2.40	16.78	5.40	-2.32	1.28	-1.65	-2.81	0.56	-0.20	1.29	-1.00
MRPLK1LOAD_COS		-69.72	3.69	1.20	-0.78	-3.20	-0.20	3.05	-1.87	0.04	-0.05	0.40	0.09	-0.02	-0.02	0.14	-0.14
MRPLK1LOAD_SIN		0.00	5.98	-0.04	-3.16	-2.05	0.29	2.08	0.81	-0.31	0.20	-0.18	-0.33	0.00	-0.02	0.27	-0.25
PITCHRH_COS		11752.71	-8177.88	-154.02	7.71	86.39	1709.04	-48.15	40.16	-13.34	-1.67	-9.76	24.71	10.36	-0.20	-0.97	55.66
PITCHRH_SIN		0.00	2052.92	-47.23	-31.12	78.29	-22.17	40.72	21.14	52.22	-17.92	-17.92	0.82	-13.83	-2.38	-11.62	-56.51
ROLLRH_COS		-2161.94	-2075.56	88.54	-11.16	-98.56	-1009.26	-83.97	-36.38	25.06	36.74	-53.63	-0.85	5.24	-13.67	6.46	135.03
ROLLRH_SIN		0.00	-8035.91	-274.49	-4.47	-33.22	1807.91	-91.84	-55.14	-47.70	-7.30	-4.28	5.88	-5.88	6.06	5.18	71.45
TORQ_COS		36425.44	183.92	3.70	-6.35	13.18	40.13	3.22	3.10	-17.84	-1.85	-5.74	0.88	3.03	-1.73	-4.16	4.87
TORQ_SIN		0.00	464.57	8.92	-1.46	-4.45	-38.34	4.52	5.06	-7.07	-3.04	-2.82	5.54	-6.36	6.51	-7.90	-8.47
THRUST_COS		2127.18	0.07	3.48	3.57	1.28	-28.09	1.48	1.55	0.98	-0.46	-3.20	-0.46	0.49	-0.07	0.01	-0.75
THRUST_SIN		0.00	10.47	3.15	-1.97	-1.82	-14.75	1.63	0.34	-0.34	0.65	8.18	-0.75	-0.12	0.30	-0.28	-6.04

RUN	POINT	Harmonics															
57	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-80.34	59.94	-0.57	3.32	3.41	-47.21	3.14	-0.07	-0.51	-1.23	2.08	0.10	-0.07	0.39	-0.15	-4.07
SIDERH_SIN		0.00	217.33	17.04	-3.40	-2.61	-135.47	3.51	2.59	0.86	0.31	0.12	-0.08	0.16	-0.20	-0.20	-2.15
DRAGRH_COS		-281.99	223.40	3.36	0.51	-7.56	70.78	3.93	3.17	0.88	-1.85	-0.68	-0.66	-0.22	0.10	0.02	-2.07
DRAGRH_SIN		0.00	-49.83	-2.81	2.35	0.27	133.03	-8.17	1.37	-0.81	1.10	1.75	-0.20	0.82	0.05	0.44	2.45

RUN	POINT	Harmonics															
57	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-5.69	0.08	2.45	0.17	1.15	0.18	0.18	-0.04	0.03	0.02	0.03	0.01	-0.01	0.02	-0.01	-0.02
ACT1FORCE_SIN		0.00	0.04	-0.30	0.78	0.02	0.11	0.10	0.06	0.17	-0.02	0.00	-0.01	-0.01	-0.01	0.01	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		297.69	-2.43	-25.64	0.55	-12.15	-1.60	-2.38	-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	1.27	2.32	-5.84	-0.88	-0.39	0.53	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		508.22	2.43	25.69	-0.54	12.17	1.62	2.38	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-1.27	-2.36	5.85	0.85	0.38	-0.55	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-3863.38	566.50	-153.82	120.66	70.32	-20.08	4.38	-1.69	13.73	-6.03	4.84	-12.20	-2.85	-2.10	-9.55	-0.70
MRBLD1CB42P75_SIN		0.00	-59.03	7.71	115.30	71.14	-14.77	-23.51	22.77	6.13	11.71	19.49	-25.16	-5.75	-1.06	-2.70	-1.67

RUN	POINT	Harmonics															
57	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2912.17	329.37	-58.25	86.45	33.79	-22.35	36.40	0.57	4.34	-3.30	-0.96	-10.05	-2.41	-0.56	-10.54	-0.97
MRBLD1CB70_SIN		0.00	-23.81	0.17	113.00	87.08	-4.58	8.72	15.93	-1.38	12.53	9.70	-16.86	-2.92	-1.03	-0.06	-2.86
MRBLD1CB120_COS		-843.39	103.28	25.07	66.17	77.43	-19.09	47.93	5.90	-9.51	0.50	-1.71	7.68	0.90	0.43	0.47	0.47
MRBLD1CB120_SIN		0.00	-10.41	-1.37	94.13	82.46	-2.45	43.37	9.60	5.75	-2.15	-11.25	12.72	1.70	0.87	-1.42	-1.11
MRBLD1CB164_COS		-2065.79	6.02	41.49	46.81	50.96	-1.38	14.84	3.45	-7.95	1.27	2.59	6.74	0.73	0.24	6.73	0.10
MRBLD1CB164_SIN		0.00	-6.48	2.16	67.67	39.19	2.02	33.65	-3.87	4.28	-6.86	-8.30	12.21	0.73	0.81	0.87	2.72
MRBLD1FB42P75_COS		2371.00	-76.73	-132.17	385.65	467.20	-45.34	-8.95	26.64	32.66	-13.50	16.25	-10.48	-7.32	-1.79	-18.80	-6.42
MRBLD1FB42P75_SIN		0.00	43.80	17.56	197.93	1.04	-37.95	-42.96	44.60	34.71	5.65	5.89	-11.81	-4.00	3.30	8.20	-2.11
MRBLD1FB70_COS		406.70	21.98	-52.96	136.61	138.04	-13.15	-2.38	3.93	3.85	-0.36	0.17	-0.20	0.45	0.52	3.81	1.31
MRBLD1FB70_SIN		0.00	16.12	2.62	77.66	6.95	-10.72	-8.41	8.10	3.10	1.02	0.42	0.51	0.46	-0.35	-1.29	0.64
MRBLD1FB87_COS		60.81	11.22	-30.50	82.28	56.75	-1.93	-0.74	-2.57	-4.65	2.62	-3.90	3.48	1.74	0.39	3.76	1.18
MRBLD1FB87_SIN		0.00	15.67	-2.43	51.50	1.35	-2.57	2.13	-3.88	-4.82	-1.37	-1.52	3.28	0.94	-1.01	-2.15	0.49
MRBLD1FB120_COS		-154.54	16.48	-47.42	87.24	-21.40	13.94	2.05	-8.14	-4.97	0.58	0.45	-1.67	-0.84	-0.73	-5.78	-2.09
MRBLD1FB120_SIN		0.00	10.46	-3.64	63.99	-9.86	7.59	12.01	-11.34	-3.97	-0.57	0.29	-2.20	-0.60	0.65	2.67	-0.72
MRBLD1FB164_COS		103.59	68.76	-207.46	31.01	-213.73	8.88	4.94	17.06	14.09	-1.15	1.55	2.25	1.28	-0.30	2.80	0.51
MRBLD1FB164_SIN		0.00	14.11	13.89	-1.05	-28.53	18.38	-5.89	19.82	13.82	0.18	-0.49	4.20	0.42	-1.28	-2.43	0.52

RUN	POINT	Harmonics															
57	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.07	62.86	-183.25	-14.59	-149.27	-15.62	-1.84	9.16	2.84	7.22	-4.21	9.05	2.76	0.17	-5.66	-2.01
MRBLD1FB180_SIN		0.00	11.28	21.95	-35.91	-9.21	-2.29	-21.45	16.93	2.63	0.73	-4.24	4.69	-0.65	-0.46	1.56	-1.65
MRBLD1TOR51_COS		-1521.32	-2.61	-11.68	31.44	37.38	-1.25	-23.21	5.16	0.78	1.36	-0.34	1.08	0.29	0.23	-1.05	0.37
MRBLD1TOR51_SIN		0.00	-13.02	3.71	35.02	12.06	12.65	-12.91	13.46	3.40	0.52	-1.05	1.19	0.59	0.00	-0.35	-0.28
MRBLD1TOR71_COS		-296.22	-6.64	-4.26	17.39	20.67	0.11	-21.00	4.52	0.14	1.65	-0.22	1.42	0.33	0.19	-0.48	0.30
MRBLD1TOR71_SIN		0.00	-10.21	3.18	22.43	6.06	13.63	-10.87	10.00	1.51	0.02	-1.89	1.74	0.90	-0.09	-0.43	-0.13
MRBLD1TOR130_COS		-44.78	-5.33	1.11	1.76	-0.76	1.66	-14.96	3.86	0.84	-0.18	0.83	0.77	-0.22	-0.29	-0.11	-0.27
MRBLD1TOR130_SIN		0.00	-9.38	2.62	8.36	-1.51	13.77	-8.01	8.40	3.21	-0.59	0.32	-1.27	-0.25	-0.14	-0.34	0.20
MRBLD1TOR164_COS		-217.69	-6.54	25.19	-11.41	26.51	0.15	-7.21	1.32	-0.13	0.56	-0.18	0.72	0.04	-0.15	-1.20	-0.54
MRBLD1TOR164_SIN		0.00	-9.42	4.16	-2.39	11.33	4.43	-5.09	1.90	-1.44	0.45	-0.87	0.13	-0.06	-0.11	-1.24	-0.86
MRFBM2CB26P5_COS		-1404.28	137.32	50.59	-12.74	-6.83	0.13	6.80	-1.80	3.00	-0.41	1.37	0.74	0.59	0.06	0.63	0.24
MRFBM2CB26P5_SIN		0.00	219.32	-41.85	-9.75	-2.95	0.79	-7.14	-0.47	-1.70	0.28	1.88	-0.09	0.30	0.44	-0.17	-0.19
MRFBM2FB9_COS		-1066.74	-168.63	-80.52	37.76	-22.63	2.20	0.10	2.80	-0.09	-0.05	-0.43	-0.84	-0.27	-0.12	0.38	0.10
MRFBM2FB9_SIN		0.00	-76.38	72.12	96.97	49.33	3.24	3.49	1.95	1.89	-0.66	-0.42	0.33	-0.45	-0.21	-0.63	0.19
MRFBM2TOR26P5_COS		-420.39	-13.26	-0.04	0.24	0.14	-0.10	-0.01	-0.03	0.00	0.03	-0.03	-0.04	-0.01	-0.02	0.01	0.01
MRFBM2TOR26P5_SIN		0.00	-3.75	-0.11	-0.07	0.51	0.19	-0.45	-0.04	0.02	0.01	-0.02	-0.02	-0.01	0.00	-0.01	0.00

RUN	POINT	Harmonics															
57	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1067.69	536.23	-162.24	111.04	94.02	-14.57	-10.09	-0.25	11.74	-4.93	6.19	-7.04	-1.88	-1.91	-7.57	-0.25
MRPC1CB33P25_SIN		0.00	-75.45	17.88	87.31	45.71	-15.72	-22.76	20.92	11.75	6.42	14.35	-15.93	-4.70	-0.28	-4.07	-2.03
MRPC1FB33P25_COS		1534.86	-74.70	-101.52	279.21	376.79	-25.79	12.56	3.09	8.79	-13.09	8.05	-0.10	-2.77	-3.81	-19.10	-1.72
MRPC1FB33P25_SIN		0.00	23.98	-1.76	228.68	108.31	-41.57	-36.37	44.92	41.06	-2.28	13.82	-15.72	-7.86	0.56	-10.64	-6.98
MRPC1TOR25P5_COS		-721.60	-9.00	20.54	-25.12	-28.30	0.24	31.37	-5.56	-0.60	-2.52	1.36	-1.55	-1.02	-0.97	-1.88	-0.76
MRPC1TOR25P5_SIN		0.00	5.76	-7.95	-23.53	-1.70	-14.21	12.89	-12.46	-2.50	-0.28	2.89	-4.82	-1.29	-0.59	-1.65	-0.57
MRPLK1LOAD_COS		-69.63	3.48	1.17	-4.24	-4.54	0.04	3.69	-0.81	-0.13	-0.29	0.35	-0.01	-0.15	-0.19	-0.14	-0.13
MRPLK1LOAD_SIN		0.00	5.99	-1.20	-3.40	-0.49	-1.87	2.04	-1.74	-0.23	-0.17	0.27	-0.49	-0.08	-0.08	-0.37	-0.05
PITCHRH_COS		12941.69	-8088.99	-112.32	34.33	83.21	1458.81	-30.44	47.26	-2.46	-27.42	3.11	17.09	18.40	0.97	14.55	-91.79
PITCHRH_SIN		0.00	1944.84	13.79	-23.30	6.64	-1024.57	-22.30	-19.39	38.68	5.76	-20.58	-39.13	-15.51	2.95	-21.07	-16.11
ROLLRH_COS		-3.17	-1959.15	72.71	14.22	-140.81	100.22	-94.00	-68.70	38.45	-2.70	-43.53	5.61	-2.74	5.17	4.80	-12.29
ROLLRH_SIN		0.00	-7863.04	-239.44	2.13	-83.34	2086.52	-97.40	-21.40	-45.98	-33.34	-9.51	7.92	-4.84	4.01	-20.31	-107.38
TORQ_COS		36461.65	196.62	-1.02	-3.62	-3.31	13.90	2.91	3.99	-17.58	-3.31	-7.72	-0.15	1.73	-2.03	-5.76	4.06
TORQ_SIN		0.00	469.80	0.23	-12.97	-3.48	-40.74	2.22	3.55	-6.67	-5.75	-13.20	6.37	-8.14	5.81	-6.06	-7.78
THRUST_COS		2095.98	-6.80	3.00	5.62	3.82	6.03	-1.30	1.38	0.93	0.25	-1.14	-0.59	-0.38	-0.19	0.35	2.71
THRUST_SIN		0.00	14.23	5.16	-9.74	-4.02	8.26	-0.67	-0.47	-0.75	-0.18	-6.34	1.06	-0.07	0.40	1.68	4.76

RUN	POINT	Harmonics															
57	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.28	53.69	-2.28	3.89	21.98	-112.86	2.15	1.52	-1.49	0.37	2.08	-0.15	0.16	-0.10	-0.08	0.34
SIDERH_SIN		0.00	216.46	13.44	-4.68	-1.86	-85.14	1.56	2.57	1.61	1.30	0.32	-0.51	-0.04	-0.01	0.63	3.12
DRAGRH_COS		-277.40	226.76	5.75	2.13	-8.26	137.84	1.70	4.31	0.78	1.90	-2.39	-1.53	-0.71	0.02	-0.59	4.62
DRAGRH_SIN		0.00	-43.72	-1.08	3.60	2.36	75.65	3.78	0.24	-3.62	0.46	5.81	1.26	0.49	-0.39	0.77	0.52

RUN	POINT	Harmonics															
57	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-5.67	0.40	2.46	-0.11	1.22	0.07	0.32	0.10	0.08	-0.01	-0.03	-0.02	-0.03	-0.04	-0.01	0.01
ACT1FORCE_SIN		0.00	-0.03	-0.78	0.25	-0.19	0.02	0.07	0.01	0.04	-0.05	0.01	-0.03	0.02	-0.01	-0.04	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		299.23	-5.24	-26.21	1.28	-13.50	-0.25	-1.97	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	1.36	8.21	-0.97	1.67	0.50	-0.58	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		506.67	5.25	26.24	-1.28	13.51	0.26	1.97	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-1.37	-8.29	0.97	-1.74	-0.50	0.57	0.00	-0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS		-3847.83	386.10	-188.05	37.58	51.45	-20.58	-21.18	-39.18	10.17	-6.05	4.93	-1.09	-1.93	-0.38	-0.34	-2.31
MRBLD1CB42P75_SIN		0.00	167.41	2.47	125.54	67.63	-17.45	-7.82	-45.95	-6.80	3.19	5.48	11.65	-1.39	-0.90	10.85	-0.10

RUN	POINT	Harmonics															
57	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2925.62	228.09	-76.23	16.93	26.68	-32.10	1.31	-31.71	4.13	-4.93	4.33	0.29	-1.71	0.25	-4.55	-2.00
MRBLD1CB70_SIN		0.00	124.88	-5.30	104.60	73.77	-13.11	24.51	-32.89	-2.45	6.63	-1.15	7.76	-0.61	-1.76	10.82	-1.06
MRBLD1CB120_COS		-841.50	78.89	19.04	10.50	58.03	-32.41	14.53	-18.92	-4.31	1.81	-2.26	-2.22	1.20	0.43	-1.40	0.32
MRBLD1CB120_SIN		0.00	56.98	-5.06	85.47	76.76	-11.25	52.74	-20.62	4.08	-6.55	-0.04	-5.69	-0.02	0.53	-1.62	-0.11
MRBLD1CB164_COS		-2065.88	9.21	44.43	11.12	36.47	-8.44	11.11	4.99	-4.80	4.20	-3.69	-1.32	1.46	-0.36	4.50	0.95
MRBLD1CB164_SIN		0.00	14.50	-2.29	54.85	35.25	-3.12	30.35	7.15	2.85	-9.26	3.24	-5.26	-0.20	1.16	-6.15	0.94
MRBLD1FB42P75_COS		2369.14	-67.98	-165.17	192.93	360.27	-42.43	-37.14	-129.26	9.75	-17.04	12.55	-0.54	-2.47	0.03	15.23	-0.19
MRBLD1FB42P75_SIN		0.00	-36.24	22.13	280.48	67.58	-35.88	6.71	-66.58	-11.76	-19.00	16.71	12.68	-1.27	-0.06	10.40	3.15
MRBLD1FB70_COS		408.92	12.65	-67.18	64.04	105.45	-13.33	-9.54	-23.38	1.42	-1.04	0.26	0.15	-0.08	0.01	-3.05	0.18
MRBLD1FB70_SIN		0.00	3.15	-0.34	101.29	22.84	-10.10	3.10	-11.17	-1.75	-0.46	0.16	-0.41	0.16	0.06	-2.10	-0.48
MRBLD1FB87_COS		62.68	4.36	-37.63	36.30	41.35	-3.79	-0.60	10.45	-1.48	3.02	-2.89	-0.13	0.42	-0.13	-3.63	0.01
MRBLD1FB87_SIN		0.00	2.52	-6.65	58.96	7.14	-2.26	1.34	6.17	1.87	3.15	-3.38	-3.20	0.29	0.02	-2.25	-0.62
MRBLD1FB120_COS		-151.49	2.45	-50.55	38.02	-13.54	10.15	12.03	32.56	-1.80	0.61	-0.29	0.12	-0.04	-0.27	4.94	0.14
MRBLD1FB120_SIN		0.00	-0.27	-11.07	57.08	-18.34	5.99	-2.68	15.18	1.99	0.30	0.79	1.73	-0.04	-0.18	3.09	0.74
MRBLD1FB164_COS		109.61	31.55	-230.20	18.20	-144.46	20.17	0.34	-40.36	6.50	-1.22	1.22	0.10	0.21	-0.06	-3.78	-0.59
MRBLD1FB164_SIN		0.00	-10.44	12.22	15.92	-45.03	17.26	-6.36	-27.26	-4.13	-0.84	-2.13	-3.44	0.69	-0.12	-1.00	-0.23

RUN	POINT	Harmonics															
57	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		16.25	35.69	-207.72	-10.59	-110.51	0.90	-17.12	-43.62	0.25	5.38	-5.75	1.82	0.62	0.78	6.92	1.14
MRBLD1FB180_SIN		0.00	-11.45	18.57	-24.50	-19.25	0.33	-1.08	-20.44	-0.69	7.48	-3.31	-3.38	-1.34	-0.31	2.88	-0.12
MRBLD1TOR51_COS		-1525.79	-4.23	-13.02	11.86	30.89	-4.03	-12.06	-30.93	0.63	-0.52	-1.37	0.65	-0.06	-0.03	0.77	0.07
MRBLD1TOR51_SIN		0.00	-5.48	5.15	38.24	16.57	6.31	4.11	-7.69	-0.13	1.78	-0.80	0.07	0.11	0.19	1.76	0.28
MRBLD1TOR71_COS		-300.77	-7.52	-4.07	6.65	18.61	-2.32	-8.65	-24.67	-0.04	-0.25	-1.27	0.52	-0.01	-0.09	0.50	0.28
MRBLD1TOR71_SIN		0.00	-6.15	3.94	24.63	8.98	7.90	3.51	-2.31	0.29	1.90	-1.28	-0.32	0.21	0.12	1.11	0.16
MRBLD1TOR130_COS		-49.42	-6.40	3.20	1.13	3.45	-0.62	-4.72	-19.56	0.91	-0.17	-0.40	-0.88	-0.12	0.00	-0.22	0.22
MRBLD1TOR130_SIN		0.00	-4.51	3.63	9.38	0.11	8.84	2.30	-3.75	0.07	-0.99	1.25	0.60	-0.11	-0.15	-0.08	-0.19
MRBLD1TOR164_COS		-222.76	-5.32	31.18	-4.24	20.50	-3.58	-4.39	-8.93	-0.45	0.34	-0.28	-0.37	0.03	-0.13	-0.38	-0.17
MRBLD1TOR164_SIN		0.00	-3.32	5.97	-2.40	11.73	1.10	2.00	1.02	0.27	0.44	-0.38	-0.03	0.00	-0.48	0.73	0.30
MRFBM2CB26P5_COS		-1392.51	16.59	57.60	-0.15	-2.16	-1.80	5.61	4.02	0.73	-0.99	-0.32	-0.62	0.16	-0.20	1.90	-0.02
MRFBM2CB26P5_SIN		0.00	169.73	-53.33	-15.72	-2.30	-1.08	-4.59	1.50	-0.76	-0.34	1.51	0.25	0.02	0.28	-0.73	0.55
MRFBM2FB9_COS		-1092.27	-71.54	-89.95	-17.19	-25.01	2.66	3.38	-8.97	1.15	0.85	-0.11	0.42	-0.05	0.03	-0.54	0.11
MRFBM2FB9_SIN		0.00	-73.36	88.24	79.95	32.77	3.24	4.92	-0.89	-0.06	-0.03	-0.79	-0.14	-0.12	0.05	0.05	-0.17
MRFBM2TOR26P5_COS		-421.80	-12.78	-0.14	0.10	0.12	-0.06	-0.14	0.12	0.01	0.04	-0.02	0.04	-0.01	0.00	-0.02	0.02
MRFBM2TOR26P5_SIN		0.00	-3.10	-0.16	-0.02	0.35	0.14	-0.27	-0.12	0.02	0.03	-0.02	0.01	0.00	0.00	-0.01	0.01

RUN	POINT	Harmonics															
57	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1044.40	372.13	-197.01	42.49	68.36	-11.29	-25.38	-35.15	8.53	-3.73	2.70	-2.26	-1.06	-0.41	0.50	-1.67
MRPC1CB33P25_SIN		0.00	142.71	14.95	107.77	50.61	-15.81	-11.41	-41.39	-6.20	-2.48	7.66	7.81	-1.30	-0.20	8.39	0.49
MRPC1FB33P25_COS		1532.09	-61.81	-129.06	107.80	275.59	-24.72	-28.61	-72.94	12.82	-3.28	-0.37	-8.54	-0.77	0.11	-0.15	-3.14
MRPC1FB33P25_SIN		0.00	-48.04	-1.60	261.34	138.10	-39.64	-6.96	-102.07	-4.22	-22.72	18.71	8.82	-2.45	-0.45	19.63	1.13
MRPC1TOR25P5_COS		-718.78	-3.65	22.06	-10.82	-24.75	2.02	15.14	30.09	0.16	0.07	2.05	-1.95	-0.20	0.11	-1.42	-0.17
MRPC1TOR25P5_SIN		0.00	-17.12	-10.27	-28.43	-7.74	-7.95	-4.26	3.73	0.34	-2.84	1.94	1.46	-0.34	-0.72	1.42	-0.61
MRPLK1LOAD_COS		-69.35	2.46	1.25	-1.93	-4.00	0.42	1.78	4.35	-0.06	0.06	0.26	-0.37	-0.01	-0.01	-0.31	0.05
MRPLK1LOAD_SIN		0.00	5.30	-1.50	-4.17	-1.37	-1.10	-0.68	0.73	0.13	-0.51	0.29	0.10	-0.03	-0.10	0.06	-0.09
PITCHRH_COS		12228.47	-7824.97	-159.76	23.17	88.32	1116.40	19.60	12.14	-11.90	1.52	-34.86	12.01	4.91	-2.43	2.77	37.22
PITCHRH_SIN		0.00	1886.05	-36.89	-38.33	6.52	-458.88	-28.83	-1.21	31.43	-16.57	-14.60	-18.03	-5.48	-2.13	-15.23	65.80
ROLLRH_COS		1478.10	-1901.48	74.05	75.84	-63.84	-235.93	-103.03	-57.13	34.60	32.57	63.99	-10.44	-4.95	7.66	-10.31	-67.31
ROLLRH_SIN		0.00	-7577.22	-284.41	13.69	-81.62	1696.71	-5.62	-43.49	-47.83	-7.60	29.40	2.01	-5.65	-8.22	-12.49	108.37
TORQ_COS		36698.65	182.44	-9.84	4.57	-11.37	4.23	3.91	-0.12	-12.58	-3.21	-0.06	-0.92	3.15	-1.39	-4.24	3.77
TORQ_SIN		0.00	496.72	1.89	-12.83	-6.89	-37.75	-2.07	4.93	-3.37	-5.61	-10.64	4.16	-7.68	5.10	-5.97	-6.19
THRUST_COS		2098.59	-1.51	12.54	6.80	5.53	7.64	0.90	-0.05	0.23	0.02	1.15	-0.61	0.01	0.26	1.36	1.09
THRUST_SIN		0.00	12.85	4.48	-6.32	-0.36	8.88	-0.16	0.67	-0.71	0.49	-5.16	-0.07	-0.87	-0.02	1.16	-2.39

RUN	POINT	Harmonics															
57	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.47	49.40	-2.34	4.60	16.08	-74.65	4.35	0.88	-1.24	-1.37	-2.62	0.63	0.19	-0.22	0.31	2.08
SIDERH_SIN		0.00	213.47	15.35	-2.97	10.09	-85.12	1.85	2.15	1.30	0.68	-1.52	-0.02	0.19	0.38	0.42	-3.17
DRAGRH_COS		-278.46	225.98	4.77	0.09	-4.36	101.14	-1.85	3.05	1.16	-1.11	0.52	-0.73	-0.19	0.16	-0.10	-1.96
DRAGRH_SIN		0.00	-39.58	-2.28	3.40	-1.59	65.35	-2.48	-0.58	-1.79	-0.26	0.72	-0.12	0.19	-0.25	0.41	-2.80

RUN	POINT	Harmonics															
57	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.41	0.08	2.36	0.08	1.65	-0.05	0.33	-0.01	0.08	0.02	0.08	-0.02	0.01	0.00	0.02	0.00
ACT1FORCE_SIN		0.00	0.05	-0.53	0.45	-0.05	0.17	0.01	0.08	0.06	-0.02	0.05	-0.02	0.02	0.00	-0.02	0.03
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		300.89	-2.97	-25.44	1.62	-17.35	-0.02	-2.78	0.02	0.00	0.01	-0.01	0.00	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.04	4.86	-3.78	-2.13	-0.58	-0.53	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		505.01	2.98	25.48	-1.60	17.39	0.03	2.79	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	0.04	-4.93	3.78	2.06	0.58	0.51	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01
MRBLD1CB42P75_COS		-3854.26	682.91	-149.34	94.21	92.63	0.16	-10.12	39.79	7.56	2.44	-12.74	-4.62	-2.35	-0.22	-14.51	0.75
MRBLD1CB42P75_SIN		0.00	81.12	10.54	132.47	58.18	-19.58	4.05	-7.02	0.91	4.66	3.83	17.28	-0.27	2.68	2.05	-2.47

RUN	POINT	Harmonics															
57	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2915.59	410.11	-59.34	58.46	58.78	-7.94	30.97	28.17	3.51	4.48	-8.47	-3.08	-2.32	0.65	-11.10	-1.40
MRBLD1CB70_SIN		0.00	65.98	6.79	115.62	72.72	5.72	32.25	-9.59	3.63	3.49	-4.49	13.35	0.48	0.91	5.22	-3.59
MRBLD1CB120_COS		-845.15	140.27	14.55	39.89	111.50	-10.21	55.10	19.33	-3.79	-1.20	6.02	3.56	0.38	0.07	2.57	-0.44
MRBLD1CB120_SIN		0.00	23.81	9.84	96.87	54.48	13.29	62.91	-11.14	8.71	-1.06	2.05	-10.98	-0.11	-0.39	-1.08	-0.95
MRBLD1CB164_COS		-2069.19	17.80	37.67	31.98	72.17	-5.92	26.52	-4.92	-4.64	-2.95	4.66	4.06	0.93	-0.95	5.76	1.15
MRBLD1CB164_SIN		0.00	-1.47	3.98	66.40	22.43	11.56	33.35	-3.61	3.50	-3.01	7.92	-10.82	-0.58	-0.03	-2.87	2.40
MRBLD1FB42P75_COS		2383.90	-144.45	-121.36	341.76	547.62	-27.73	-6.20	82.92	12.65	-6.71	13.62	0.11	-3.12	4.16	-11.30	-4.59
MRBLD1FB42P75_SIN		0.00	5.80	10.83	277.03	-108.70	-84.29	19.59	-69.53	12.93	9.83	24.39	1.71	2.33	2.78	17.93	-3.66
MRBLD1FB70_COS		411.22	10.38	-45.93	117.93	163.73	-7.26	-2.66	15.11	2.23	0.38	0.26	0.54	0.61	-0.25	2.81	1.34
MRBLD1FB70_SIN		0.00	7.86	-4.92	101.50	-27.64	-21.28	6.07	-12.40	1.47	0.85	0.44	0.22	-0.05	-0.32	-3.11	0.93
MRBLD1FB87_COS		61.61	3.68	-21.55	68.13	67.68	-3.09	-1.52	-6.99	-0.82	1.89	-1.79	-0.33	0.89	-1.01	2.42	0.76
MRBLD1FB87_SIN		0.00	8.51	-11.98	60.36	-14.38	-3.87	0.28	5.77	-0.98	-1.60	-5.44	-1.43	-0.67	-0.74	-4.06	0.70
MRBLD1FB120_COS		-156.18	9.09	-29.58	74.52	-22.48	3.64	2.87	-21.55	-3.57	-1.39	0.17	0.37	-1.22	1.50	-3.48	-1.26
MRBLD1FB120_SIN		0.00	11.48	-18.78	65.43	-9.43	16.96	-8.60	17.74	-1.50	-0.78	0.98	1.49	1.30	0.82	5.75	-1.02
MRBLD1FB164_COS		116.34	47.82	-182.85	40.01	-253.86	20.99	6.49	37.41	6.12	2.60	0.31	0.06	2.44	-1.04	2.02	0.51
MRBLD1FB164_SIN		0.00	25.99	-5.01	10.63	28.28	28.07	9.56	-16.53	1.89	0.85	-1.93	-1.72	-1.30	-0.87	-3.80	0.30

RUN	POINT	Harmonics															
57	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		18.24	42.35	-167.43	-0.78	-178.79	8.16	-7.02	26.38	4.43	2.41	-5.55	0.51	-0.75	1.11	-4.18	-1.13
MRBLD1FB180_SIN		0.00	25.53	9.11	-30.77	27.69	-4.23	10.94	-21.70	2.54	-0.27	-13.67	-3.05	0.35	-0.03	5.69	-2.86
MRBLD1TOR51_COS		-1521.93	1.91	-9.68	23.67	44.39	-6.86	-11.38	11.98	3.01	-0.22	0.46	0.55	-0.42	0.40	-2.05	0.81
MRBLD1TOR51_SIN		0.00	-9.98	5.80	42.69	8.95	2.94	6.74	-17.11	1.95	0.12	-3.40	0.13	0.23	0.17	0.98	-0.31
MRBLD1TOR71_COS		-297.45	-4.58	-2.77	12.23	23.67	-6.42	-9.66	6.75	2.36	-0.06	0.88	0.45	-0.19	0.20	-1.04	0.47
MRBLD1TOR71_SIN		0.00	-9.24	4.32	27.64	5.74	5.88	4.14	-14.83	1.18	-0.22	-3.64	-0.44	0.30	-0.14	0.19	-0.24
MRBLD1TOR130_COS		-46.14	-2.42	2.08	0.02	-2.90	-4.93	-5.83	7.14	1.96	-0.70	-0.17	-0.07	-0.08	-0.11	0.14	-0.49
MRBLD1TOR130_SIN		0.00	-7.45	3.89	10.85	2.06	8.73	2.05	-11.15	1.32	-0.17	0.47	-0.25	0.00	-0.24	-0.83	-0.10
MRBLD1TOR164_COS		-220.24	-2.53	23.13	-11.46	32.80	-4.13	-3.50	1.31	0.78	0.17	0.81	-0.28	-0.29	-0.16	-0.67	-0.60
MRBLD1TOR164_SIN		0.00	-8.12	6.29	-3.05	7.43	-1.49	-0.89	-6.05	0.78	-0.13	-0.22	-0.07	-0.17	0.11	-1.00	-0.65
MRFBM2CB26P5_COS		-1391.66	81.98	48.16	-6.31	-4.15	0.89	5.18	-2.69	0.89	-0.02	-1.64	0.11	0.65	0.01	-0.35	0.61
MRFBM2CB26P5_SIN		0.00	296.50	-36.80	-15.28	-2.20	-5.99	-7.92	3.73	-1.60	0.67	2.32	-0.66	-0.34	0.16	-0.25	-0.06
MRFBM2FB9_COS		-1016.74	-148.15	-75.85	9.60	-16.57	-1.14	5.03	3.69	0.47	-0.16	0.53	0.30	-0.25	-0.05	0.42	0.05
MRFBM2FB9_SIN		0.00	-145.29	56.87	106.17	63.82	9.45	2.75	-5.13	0.93	-0.17	-0.97	0.46	0.14	0.19	-0.68	0.40
MRFBM2TOR26P5_COS		-417.16	-13.13	-0.07	0.12	0.24	-0.12	-0.30	0.07	0.00	0.02	0.03	-0.03	-0.01	-0.01	0.03	0.02
MRFBM2TOR26P5_SIN		0.00	-3.88	0.00	-0.06	0.55	0.04	-0.18	0.06	0.00	-0.01	-0.04	0.01	0.01	0.01	0.00	-0.01

RUN	POINT	Harmonics															
57	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1041.21	646.83	-159.14	93.28	113.40	2.82	-20.53	36.61	5.94	-0.47	-8.25	-1.77	-1.82	-0.09	-11.97	1.06
MRPC1CB33P25_SIN		0.00	51.58	18.94	108.85	31.96	-27.43	1.83	-6.54	1.73	3.78	8.69	9.31	-0.35	2.68	0.29	-2.45
MRPC1FB33P25_COS		1542.94	-134.48	-92.90	230.33	467.71	1.91	-6.34	92.23	4.55	-9.76	-4.27	-1.15	-3.90	0.97	-22.11	0.61
MRPC1FB33P25_SIN		0.00	-16.43	-4.31	284.77	37.02	-73.38	12.21	-21.83	15.26	3.32	24.03	1.81	-1.02	4.56	0.49	-6.92
MRPC1TOR25P5_COS		-721.84	-26.88	17.66	-19.59	-31.32	7.48	16.32	-8.85	-2.82	0.13	-1.29	-1.19	-0.09	-0.72	-1.22	-1.32
MRPC1TOR25P5_SIN		0.00	-5.20	-9.42	-30.71	-1.00	-2.76	-8.28	18.03	-1.04	-0.29	4.55	1.02	-0.34	-0.15	-2.17	-0.99
MRPLK1LOAD_COS		-69.32	2.02	0.97	-3.42	-5.19	0.93	1.71	-1.41	-0.41	-0.01	-0.08	-0.15	-0.05	-0.18	-0.03	-0.26
MRPLK1LOAD_SIN		0.00	5.83	-1.27	-4.45	0.00	-0.42	-1.12	2.73	-0.10	-0.11	0.72	-0.07	-0.02	-0.07	-0.55	-0.15
PITCHRH_COS		13755.38	-8530.33	-163.19	-11.93	113.41	1575.91	-30.51	60.66	23.63	-20.33	-12.52	16.73	23.44	6.24	25.18	-47.24
PITCHRH_SIN		0.00	1616.08	14.40	-20.45	-3.87	-1393.39	66.08	-43.64	58.66	8.60	34.20	-40.24	-19.07	-10.84	-28.21	14.57
ROLLRH_COS		686.56	-1601.72	-24.62	-31.14	-108.19	570.75	-120.66	-97.90	13.71	3.73	9.83	-2.02	-4.57	4.23	-7.34	-53.84
ROLLRH_SIN		0.00	-8446.77	-232.60	-1.64	20.99	2461.11	26.61	-8.17	-33.81	-38.21	32.40	-0.35	-13.66	4.58	-38.06	-147.56
TORQ_COS		36866.62	168.37	4.78	-11.87	6.50	-9.89	3.75	0.69	-10.20	-3.67	1.22	-2.85	1.51	-0.33	-5.01	-5.06
TORQ_SIN		0.00	473.55	4.46	-0.72	-8.13	-48.74	-3.48	0.07	0.32	-5.21	-16.13	6.88	-7.68	5.94	-7.32	-3.60
THRUST_COS		2127.24	-1.69	2.34	-3.52	-2.99	-12.36	-1.42	-0.74	0.76	1.24	4.98	-2.90	-1.81	-0.28	2.11	0.64
THRUST_SIN		0.00	3.19	2.36	-2.72	-0.48	32.34	-2.63	-0.43	-0.72	-0.29	-11.85	2.21	-0.16	-0.15	-0.04	5.53

RUN	POINT	Harmonics															
57	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.47	50.41	2.47	2.20	2.72	-153.25	4.93	2.43	-1.04	0.04	-0.87	0.51	0.03	-0.14	0.17	1.66
SIDERH_SIN		0.00	222.72	10.70	-5.60	-3.07	-78.87	-2.88	1.67	0.69	1.42	-1.41	-0.21	0.04	-0.09	1.09	4.20
DRAGRH_COS		-276.07	221.90	4.62	2.34	-6.53	163.04	-5.04	3.07	-0.45	1.17	1.96	-1.36	-0.98	-0.08	-1.00	1.51
DRAGRH_SIN		0.00	-39.10	-1.55	2.05	6.15	69.85	-7.82	0.28	-3.50	0.34	2.26	0.17	1.13	0.48	1.12	-0.89

RUN	POINT	Harmonics															
57	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.29	0.22	2.27	-0.05	0.69	0.07	0.34	0.07	0.08	0.05	-0.01	0.00	-0.02	0.03	-0.03	0.02
ACT1FORCE_SIN		0.00	0.03	-0.43	0.53	0.54	0.13	0.02	-0.06	0.03	0.02	0.05	-0.05	-0.01	-0.02	0.01	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		300.64	-4.84	-22.65	0.67	-6.02	-0.52	-2.79	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	1.45	1.57	-1.20	-8.89	-0.08	-0.52	-0.01	-0.01	0.00	0.00	0.01	-0.01	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		505.26	4.85	22.70	-0.68	6.06	0.52	2.80	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	-1.46	-1.62	1.20	8.88	0.08	0.49	0.01	0.00	0.00	0.01	0.00	0.01	-0.01	0.01	-0.01
MRBLD1CB42P75_COS		-3877.16	-97.42	-143.93	80.22	37.62	-20.75	3.65	-70.51	10.09	-2.92	4.20	7.15	0.52	1.46	-2.24	-1.22
MRBLD1CB42P75_SIN		0.00	-68.24	26.47	152.89	48.92	-26.30	-4.83	12.20	10.04	2.83	15.11	17.61	3.41	1.71	4.52	0.14

RUN	POINT	Harmonics															
57	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2906.19	-73.26	-55.64	45.22	6.38	-1.73	9.67	-49.46	3.04	-2.84	4.75	5.80	0.07	1.39	-6.46	-0.55
MRBLD1CB70_SIN		0.00	-16.42	7.52	128.28	55.24	-11.92	24.35	12.10	3.88	4.19	3.53	12.96	2.25	0.41	5.05	-1.24
MRBLD1CB120_COS		-854.19	-39.71	19.92	32.85	32.40	2.97	6.06	-25.86	-3.55	-2.09	1.04	-5.33	0.38	-0.76	-1.59	0.25
MRBLD1CB120_SIN		0.00	10.26	-4.49	106.91	67.55	-6.60	46.81	10.07	4.07	-1.08	-4.85	-8.21	-2.41	0.23	-0.40	-0.40
MRBLD1CB164_COS		-2073.38	-18.47	34.33	29.14	22.86	9.72	-1.67	13.12	-3.21	-0.53	-1.76	-4.55	0.30	-0.81	5.33	0.26
MRBLD1CB164_SIN		0.00	10.86	-2.11	73.39	37.21	4.72	25.42	1.85	0.92	-2.62	-0.17	-9.27	-1.87	0.91	-3.30	1.58
MRBLD1FB42P75_COS		2380.35	57.52	-137.06	334.19	302.38	-110.67	11.01	-138.22	34.41	-9.56	21.84	3.31	1.33	3.02	3.96	-1.42
MRBLD1FB42P75_SIN		0.00	-13.48	52.74	359.55	89.15	-53.78	-15.14	97.22	26.29	-3.34	22.13	8.57	-1.58	2.81	10.90	1.70
MRBLD1FB70_COS		404.26	16.76	-59.75	115.48	87.19	-28.31	2.11	-24.01	4.42	-0.25	0.55	0.32	-0.13	-0.35	-0.85	0.41
MRBLD1FB70_SIN		0.00	-7.20	16.72	131.99	30.46	-15.49	-2.24	17.74	2.96	-0.23	0.17	-0.42	0.41	-0.33	-2.34	-0.36
MRBLD1FB87_COS		60.80	11.41	-37.52	67.74	34.64	-5.64	-0.37	11.83	-4.25	1.74	-4.76	-1.61	-0.47	-0.46	-1.06	0.29
MRBLD1FB87_SIN		0.00	-1.89	8.45	80.00	12.53	-3.70	1.08	-8.46	-3.93	0.35	-5.06	-2.37	0.03	-0.61	-2.21	-0.29
MRBLD1FB120_COS		-148.19	10.40	-51.51	67.13	-13.38	22.62	0.65	33.45	-5.81	0.49	0.36	0.42	0.22	0.50	1.35	-0.38
MRBLD1FB120_SIN		0.00	-8.77	9.93	77.76	-11.27	11.99	2.90	-25.01	-3.77	0.23	1.47	1.65	0.08	0.97	3.37	0.22
MRBLD1FB164_COS		129.46	44.25	-188.76	20.94	-125.85	31.50	-4.99	-48.85	12.27	-0.09	-1.46	-1.90	-0.19	-1.44	-2.03	0.25
MRBLD1FB164_SIN		0.00	-49.33	31.89	22.21	-71.62	22.54	-2.41	30.03	5.99	1.65	-1.63	-2.90	0.57	-0.67	-1.83	-1.03

RUN	POINT	Harmonics															
57	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		19.49	41.92	-170.66	-11.23	-78.87	2.48	-3.78	-48.31	0.15	-0.22	-10.14	-3.22	-1.88	-0.36	1.66	-0.59
MRBLD1FB180_SIN		0.00	-27.59	36.19	-24.57	-46.82	-2.79	-6.16	28.12	1.73	0.22	-10.92	-4.54	-0.53	2.30	3.32	0.89
MRBLD1TOR51_COS		-1521.62	-11.26	-13.62	23.40	15.99	-3.66	-12.70	-27.71	0.95	-0.19	-0.40	0.21	-0.30	-0.45	0.16	-0.08
MRBLD1TOR51_SIN		0.00	-9.29	7.79	47.81	10.83	8.17	-16.12	26.68	1.16	-0.51	-2.90	-1.28	-0.17	0.03	1.03	0.10
MRBLD1TOR71_COS		-297.97	-9.37	-6.70	13.23	6.56	-0.63	-11.45	-18.51	0.02	-0.05	-0.53	-0.10	-0.34	-0.33	-0.10	0.06
MRBLD1TOR71_SIN		0.00	-9.28	6.09	30.31	4.63	10.83	-14.82	23.31	-0.35	-0.44	-3.55	-1.72	-0.24	-0.20	0.58	0.11
MRBLD1TOR130_COS		-45.54	-8.63	-0.03	1.79	-5.37	2.31	-8.14	-16.34	0.97	-0.61	-0.10	-0.56	0.01	0.30	-0.53	0.18
MRBLD1TOR130_SIN		0.00	-7.90	4.32	9.62	-3.36	12.09	-11.30	17.85	1.97	-0.85	1.01	0.20	0.03	-0.10	-0.15	0.06
MRBLD1TOR164_COS		-221.49	-8.73	24.01	-6.92	10.16	-4.33	-2.69	-4.63	-0.28	0.02	-0.09	-0.65	0.13	0.02	-1.31	0.01
MRBLD1TOR164_SIN		0.00	-4.30	2.46	-5.29	11.59	-0.14	-4.27	8.44	-0.72	-0.47	-0.65	-0.49	-0.59	0.48	0.26	-0.32
MRFBM2CB26P5_COS		-1366.84	75.20	42.55	-4.87	0.19	-1.76	6.27	2.88	1.70	-0.12	-0.74	-0.27	0.05	0.08	1.69	-0.06
MRFBM2CB26P5_SIN		0.00	-33.61	-36.71	-14.56	-7.17	-4.12	-2.05	-2.29	-1.45	0.12	2.81	-0.43	-0.38	0.05	0.48	0.26
MRFBM2FB9_COS		-988.86	-70.19	-74.28	-7.50	-22.48	9.05	-0.07	-6.37	-0.32	0.01	-0.15	0.59	0.14	-0.09	-0.51	0.01
MRFBM2FB9_SIN		0.00	81.82	72.70	119.28	28.25	7.71	0.70	5.64	1.72	-0.51	-1.16	-0.10	-0.05	0.01	-0.56	-0.05
MRFBM2TOR26P5_COS		-416.15	-14.20	0.01	0.11	-0.13	-0.01	0.11	-0.01	-0.01	0.03	0.01	0.01	-0.01	-0.01	0.01	0.01
MRFBM2TOR26P5_SIN		0.00	-1.48	0.05	-0.24	0.38	0.10	-0.21	-0.13	0.02	-0.01	-0.05	0.03	0.01	0.02	-0.04	-0.01

RUN	POINT	Harmonics															
57	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1052.06	-89.86	-149.44	83.47	57.59	-27.14	-2.06	-63.81	10.07	-2.05	2.99	3.42	1.04	0.62	-1.33	-1.06
MRPC1CB33P25_SIN		0.00	-66.87	35.32	128.55	38.19	-26.26	-9.75	12.39	12.06	-0.04	14.87	10.77	1.65	1.95	3.59	0.34
MRPC1FB33P25_COS		1537.15	55.89	-111.56	208.49	223.79	-72.60	16.90	-144.23	14.11	-5.56	3.18	-2.95	2.15	0.23	-7.09	-2.40
MRPC1FB33P25_SIN		0.00	-17.84	27.60	350.89	142.45	-73.46	-6.93	20.58	35.33	-6.99	28.23	8.79	0.00	3.65	10.43	-0.67
MRPC1TOR25P5_COS		-721.27	30.94	20.36	-21.33	-12.51	2.59	17.00	23.55	-0.68	-0.80	0.93	-0.41	0.56	0.82	-2.26	-0.17
MRPC1TOR25P5_SIN		0.00	-8.33	-10.45	-33.89	-0.91	-10.70	19.12	-28.26	0.18	0.28	5.06	3.47	0.55	0.02	0.38	-0.13
MRPLK1LOAD_COS		-69.64	2.06	1.39	-3.87	-2.16	0.34	1.97	3.59	-0.17	-0.16	0.11	-0.21	0.09	0.10	-0.43	0.01
MRPLK1LOAD_SIN		0.00	4.65	-1.17	-5.03	-0.43	-1.44	2.53	-4.03	0.00	-0.05	0.68	0.30	0.04	-0.03	-0.07	0.02
PITCHRH_COS		9450.15	-8800.12	-221.56	-11.40	77.80	1235.33	-35.17	38.78	5.73	19.03	7.23	7.45	7.07	13.87	-5.95	8.02
PITCHRH_SIN		0.00	2141.48	3.81	3.29	79.35	-344.36	35.55	-7.81	31.73	12.05	59.03	-30.99	-7.42	-5.18	-7.10	79.47
ROLLRH_COS		538.76	-2102.05	-85.04	-34.54	-70.21	-337.67	-70.67	-42.96	48.46	2.29	29.60	-0.88	1.07	1.17	-12.55	-128.97
ROLLRH_SIN		0.00	-8797.84	-297.65	-7.85	23.21	1390.34	-124.71	-8.15	-34.21	-5.17	32.42	0.69	-11.59	0.67	5.92	22.84
TORQ_COS		36756.64	130.38	11.45	-17.08	-24.01	6.32	0.12	4.91	-9.35	-3.41	-0.18	-0.02	2.25	-1.78	-5.24	1.58
TORQ_SIN		0.00	437.13	4.20	3.84	15.01	-23.02	3.05	4.66	-9.88	-4.89	-14.34	6.94	-6.87	5.82	-6.17	-6.77
THRUST_COS		2134.64	-4.99	1.38	-3.86	4.16	34.51	-1.04	1.46	-0.10	-0.79	-3.09	-1.05	-0.62	-0.71	-0.05	1.38
THRUST_SIN		0.00	-0.50	0.15	-2.54	1.46	28.22	0.34	0.17	-0.16	-0.30	-10.80	1.98	-0.08	-0.40	0.40	0.25

RUN	POINT	Harmonics															
57	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-72.86	68.37	8.14	2.16	-6.97	-53.80	2.84	1.54	-1.11	0.21	-1.24	0.17	-0.06	-0.02	0.42	3.83
SIDERH_SIN		0.00	226.83	9.14	-2.38	-1.17	-79.92	3.91	0.99	0.90	0.36	-1.22	-0.33	0.29	0.07	-0.22	-0.54
DRAGRH_COS		-287.82	219.77	2.51	0.44	-2.26	71.52	1.12	0.21	0.17	-2.39	0.49	-0.81	-0.11	-0.60	-0.08	-0.53
DRAGRH_SIN		0.00	-56.07	1.18	3.08	2.56	83.32	-1.71	0.09	-1.82	-0.70	-2.37	1.31	0.45	0.26	0.30	-3.59

RUN	POINT	Harmonics															
57	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.43	0.25	2.01	0.38	1.19	0.15	0.28	0.07	0.00	0.03	-0.03	0.02	-0.01	-0.03	0.01	0.01
ACT1FORCE_SIN		0.00	-0.06	-1.17	0.69	-0.94	0.10	-0.29	-0.08	-0.12	0.00	0.00	-0.01	0.01	0.01	0.02	0.00
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		299.15	-3.81	-20.85	-0.91	-15.20	-0.92	-2.19	0.00	0.00	-0.01	0.01	0.00	0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	2.01	11.62	-5.85	8.66	-2.47	3.16	-0.01	0.00	-0.01	0.01	-0.01	0.00	-0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		506.73	3.82	20.88	0.92	15.21	0.93	2.17	0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-2.02	-11.68	5.86	-8.71	2.46	-3.18	0.01	0.01	0.00	-0.01	0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-3840.94	210.75	-131.38	113.27	105.55	-8.69	-26.12	-124.70	-5.57	-1.92	17.14	5.79	4.53	4.49	13.13	0.73
MRBLD1CB42P75_SIN		0.00	10.32	62.54	50.45	-49.21	14.88	1.25	-32.38	-11.22	9.84	-23.17	-24.94	-4.42	-0.40	1.31	0.98

RUN	POINT	Harmonics															
57	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2926.36	120.70	-47.47	86.60	92.18	12.05	28.77	-88.78	-3.21	1.25	15.87	3.67	2.28	3.44	2.93	1.92
MRBLD1CB70_SIN		0.00	26.37	22.55	58.34	-5.07	-0.22	-4.80	-17.06	-2.11	8.76	-8.22	-18.80	-1.64	-1.64	3.20	-1.74
MRBLD1CB120_COS		-840.81	33.16	20.78	69.92	122.48	23.47	76.83	-52.13	-6.33	-4.68	-7.84	-3.19	-0.70	-0.44	-4.32	0.02
MRBLD1CB120_SIN		0.00	19.87	-7.38	52.09	-64.21	-9.94	4.45	-10.39	0.83	-8.20	13.42	16.13	0.70	0.16	0.84	0.22
MRBLD1CB164_COS		-2066.18	-2.90	40.15	51.50	69.38	14.00	48.19	17.90	-3.95	-4.39	-11.24	-4.50	-1.01	-1.49	1.52	-1.33
MRBLD1CB164_SIN		0.00	9.90	-15.18	37.29	-47.75	-12.33	9.26	8.91	0.24	-10.37	5.51	15.56	0.07	0.84	-3.06	1.11
MRBLD1FB42P75_COS		2379.46	-47.19	-120.28	340.38	324.10	-10.98	-35.46	-319.87	-42.78	-26.44	-12.01	1.45	0.87	5.39	14.97	2.91
MRBLD1FB42P75_SIN		0.00	-4.99	69.73	65.02	-577.06	47.84	18.71	57.57	-10.17	6.25	-14.60	-2.59	-12.41	-3.66	-11.80	1.46
MRBLD1FB70_COS		410.99	6.94	-50.31	122.23	100.31	-3.19	-6.67	-55.85	-4.56	-0.85	0.25	0.04	0.01	-0.28	-3.19	-0.75
MRBLD1FB70_SIN		0.00	5.24	20.77	30.17	-168.14	13.35	6.75	10.58	-1.22	0.54	-0.82	0.06	1.02	0.41	1.82	-0.47
MRBLD1FB87_COS		63.81	7.01	-27.15	74.49	40.15	0.10	2.05	28.06	6.43	4.85	2.58	0.84	0.01	-1.02	-3.10	-0.30
MRBLD1FB87_SIN		0.00	7.25	7.28	22.31	-69.76	3.40	1.69	-3.78	1.39	-1.60	4.27	1.53	3.07	0.70	2.93	-0.43
MRBLD1FB120_COS		-153.15	8.70	-32.06	77.78	-24.82	4.93	10.43	78.73	7.08	1.45	-0.28	-0.87	0.48	1.11	4.21	0.81
MRBLD1FB120_SIN		0.00	1.20	7.12	26.45	21.16	-12.42	-7.06	-14.23	3.57	-0.87	-1.01	-0.56	-3.05	-0.28	-3.22	0.87
MRBLD1FB164_COS		119.67	36.51	-173.95	12.07	-165.80	5.26	-10.28	-120.16	-14.75	-3.56	-1.35	0.20	0.44	-1.56	-2.03	0.33
MRBLD1FB164_SIN		0.00	-27.35	86.77	-3.22	238.13	-11.27	-3.97	-0.36	-10.63	3.26	1.51	-0.13	4.18	0.80	2.63	-0.27

RUN	POINT	Harmonics															
57	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		22.31	38.03	-149.27	-27.76	-107.31	-7.08	-20.24	-105.04	0.36	7.79	7.31	1.69	1.48	0.66	3.86	-0.11
MRBLD1FB180_SIN		0.00	-13.69	102.13	-17.18	167.02	3.38	7.85	12.96	-1.70	-1.30	7.76	5.23	2.30	-0.54	-4.19	1.21
MRBLD1TOR51_COS		-1523.29	-8.98	-9.69	31.53	38.84	7.63	-15.45	-62.89	-1.74	1.87	2.09	0.02	0.10	0.69	1.95	0.06
MRBLD1TOR51_SIN		0.00	-8.77	4.01	17.13	-36.67	0.54	19.92	24.74	-1.83	0.33	1.94	0.32	0.23	0.30	-0.62	-0.83
MRBLD1TOR71_COS		-300.36	-10.07	-3.74	18.38	20.99	7.78	-13.13	-45.04	-0.50	2.16	1.45	0.10	-0.15	0.18	0.92	0.04
MRBLD1TOR71_SIN		0.00	-7.76	0.58	11.73	-19.99	-0.46	16.62	26.29	-0.30	0.16	2.58	1.08	0.62	0.24	-0.14	-0.46
MRBLD1TOR130_COS		-49.16	-8.29	1.28	2.89	-2.22	7.22	-9.83	-39.31	-2.06	-1.07	1.08	0.84	0.33	-0.05	-0.39	0.17
MRBLD1TOR130_SIN		0.00	-6.71	-1.60	4.69	1.73	-1.42	10.35	17.43	-2.10	-0.92	-1.08	0.08	-0.05	-0.10	0.66	0.33
MRBLD1TOR164_COS		-224.66	-7.56	22.26	-7.72	30.83	3.26	-6.07	-12.39	1.16	1.48	0.60	-0.11	0.81	-0.50	0.24	-0.09
MRBLD1TOR164_SIN		0.00	-4.78	-7.19	0.99	-23.83	2.98	5.34	13.07	1.63	-0.35	0.87	0.34	0.22	-0.13	1.51	1.49
MRFBM2CB26P5_COS		-1297.89	70.80	32.75	-9.16	-9.25	-3.75	-2.75	9.91	1.21	-1.24	-0.42	-0.08	0.22	-0.29	1.66	-0.66
MRFBM2CB26P5_SIN		0.00	104.94	-44.06	-4.53	-1.47	2.34	-10.83	-3.06	1.42	1.17	-3.51	0.54	0.20	0.14	-0.93	0.88
MRFBM2FB9_COS		-924.43	-94.95	-55.10	38.11	42.35	2.58	5.84	-17.40	-0.59	0.43	0.03	-0.51	-0.17	0.08	-0.20	0.14
MRFBM2FB9_SIN		0.00	-20.24	72.97	75.67	61.09	-2.66	-0.42	8.82	-2.91	-0.95	0.66	0.05	-0.46	0.10	0.22	-0.22
MRFBM2TOR26P5_COS		-414.89	-13.90	0.11	0.00	0.54	-0.03	-0.53	0.04	0.00	0.06	-0.01	0.00	0.00	0.01	-0.04	-0.02
MRFBM2TOR26P5_SIN		0.00	-2.32	0.20	-0.21	0.23	-0.08	0.01	-0.28	-0.02	-0.01	0.04	-0.03	-0.01	-0.01	-0.02	0.00

RUN	POINT	Harmonics															
57	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1020.45	199.26	-139.24	101.77	100.75	-14.04	-31.01	-115.83	-7.38	-4.51	7.10	2.98	4.32	3.72	12.10	0.29
MRPC1CB33P25_SIN		0.00	0.33	72.58	31.79	-84.72	17.91	9.36	-28.99	-12.79	3.75	-19.15	-13.41	-4.41	0.30	0.45	1.71
MRPC1FB33P25_COS		1529.51	-41.82	-98.79	266.33	393.95	-19.27	-31.02	-267.43	-27.77	-22.43	0.94	3.07	9.50	6.05	19.28	0.96
MRPC1FB33P25_SIN		0.00	-19.50	43.18	111.83	-391.64	34.59	-1.99	-83.03	-27.45	-8.26	-17.83	-2.68	-8.12	1.31	6.62	3.56
MRPC1TOR25P5_COS		-723.58	7.75	15.30	-23.39	-21.31	-6.56	17.16	56.69	1.47	-3.21	-0.26	1.62	1.09	-0.47	0.03	0.30
MRPC1TOR25P5_SIN		0.00	-9.13	-8.16	-8.91	32.33	0.45	-26.61	-30.58	0.86	0.02	-4.34	-2.69	-0.49	-0.51	3.46	1.98
MRPLK1LOAD_COS		-69.58	1.84	0.82	-3.95	-3.55	-1.25	2.19	8.56	0.44	-0.40	-0.26	0.29	0.18	-0.12	-0.18	0.06
MRPLK1LOAD_SIN		0.00	5.24	-0.46	-1.40	5.50	0.33	-3.22	-4.16	0.15	-0.15	-0.58	-0.12	0.02	-0.05	0.61	0.38
PITCHRH_COS		11230.86	-9065.17	-220.65	-59.71	61.81	-74.45	82.99	12.98	55.22	25.32	-47.95	-35.72	-18.26	-5.61	-20.32	55.39
PITCHRH_SIN		0.00	1993.87	28.90	-2.71	-67.37	-2469.62	94.32	-54.81	-19.81	-3.51	-13.04	-0.60	-11.18	-0.69	2.57	40.63
ROLLRH_COS		768.00	-1930.51	-162.78	-80.29	-17.17	2595.21	-93.32	-75.83	65.49	28.57	1.94	3.48	-2.85	7.89	-3.63	9.52
ROLLRH_SIN		0.00	-9214.23	-251.09	-6.93	113.94	1333.97	-5.97	106.57	9.29	4.46	-93.07	-11.55	1.30	0.36	-0.34	73.43
TORQ_COS		37649.21	104.68	20.01	-19.44	30.29	-24.01	-0.35	6.00	-8.21	-2.95	5.38	0.26	2.30	-1.37	-4.74	2.09
TORQ_SIN		0.00	421.72	3.91	12.88	-1.21	-49.30	-0.72	2.55	0.07	-4.99	13.11	3.18	-6.10	5.62	-6.16	-8.70
THRUST_COS		2181.68	-6.20	2.66	-9.61	-10.13	-8.05	-0.97	5.78	-0.78	-1.37	7.41	1.31	0.20	-0.90	-1.58	1.86
THRUST_SIN		0.00	-5.10	-4.02	7.85	4.37	-9.22	1.17	-1.70	-0.59	-0.73	5.00	-0.79	1.50	0.24	1.46	-5.78

RUN	POINT	Harmonics															
57	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.38	72.71	10.54	-2.15	-11.42	-179.60	1.29	3.64	-1.76	-1.26	0.44	-0.54	-0.02	-0.22	0.04	-0.35
SIDERH_SIN		0.00	231.47	5.81	-7.32	6.05	67.10	0.07	-1.93	0.01	-0.20	3.51	0.58	0.00	-0.06	-0.08	-1.88
DRAGRH_COS		-283.78	211.67	3.31	5.19	8.18	184.86	-6.21	1.29	-1.98	-2.63	3.70	1.56	0.89	0.47	0.99	-1.51
DRAGRH_SIN		0.00	-58.12	0.29	-0.29	10.98	-88.75	7.33	-2.63	0.84	0.36	2.21	0.56	0.63	0.08	-0.17	-2.02

RUN	POINT	Harmonics															
57	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.99	0.22	2.31	0.09	0.82	0.04	0.12	-0.08	0.03	-0.02	-0.01	0.01	0.01	0.00	-0.02	0.01
ACT1FORCE_SIN		0.00	0.13	-1.16	0.40	-0.37	-0.05	-0.02	-0.04	-0.01	0.00	0.05	0.00	0.03	0.03	-0.01	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		300.63	-4.43	-24.95	-0.70	-9.15	-1.57	-1.27	-0.03	0.00	-0.01	0.00	-0.01	-0.01	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	0.07	13.96	-0.06	4.97	1.74	1.36	-0.01	0.00	-0.01	0.00	-0.01	0.01	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		505.26	4.44	24.97	0.70	9.15	1.56	1.26	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	-0.08	-14.04	0.06	-5.02	-1.75	-1.36	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS		-3855.50	312.12	-155.22	34.20	55.26	1.81	7.54	53.12	4.71	-0.76	2.16	6.56	-0.03	5.93	12.06	-5.69
MRBLD1CB42P75_SIN		0.00	203.85	32.31	175.08	55.68	-16.44	-16.09	55.61	-2.75	0.55	17.04	-10.00	0.17	-3.16	4.10	2.58

RUN	POINT	Harmonics															
57	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2920.41	182.02	-61.53	6.02	16.07	-10.17	25.36	42.82	0.38	-0.91	-3.27	2.96	-0.53	4.51	5.14	-5.55
MRBLD1CB70_SIN		0.00	148.01	7.54	141.00	56.68	5.44	13.01	36.79	0.00	1.73	4.99	-7.54	-0.08	-2.47	5.35	2.17
MRBLD1CB120_COS		-850.94	64.57	19.95	-1.90	53.27	-16.60	24.90	33.80	-11.49	1.30	1.44	-1.45	0.42	-0.45	-1.39	-0.08
MRBLD1CB120_SIN		0.00	69.24	-7.91	112.37	57.73	12.19	39.34	13.17	7.22	-1.87	-10.25	5.31	-1.40	1.58	-0.19	-1.05
MRBLD1CB164_COS		-2075.10	8.92	40.54	6.05	34.88	-9.67	4.28	-2.25	-7.16	1.92	4.60	-0.91	0.75	-2.07	-1.25	4.27
MRBLD1CB164_SIN		0.00	20.52	-7.27	73.30	24.29	11.16	28.03	-14.78	3.09	-2.23	-4.06	5.29	-0.59	0.52	-3.81	-0.49
MRBLD1FB42P75_COS		2390.45	-52.34	-140.49	225.90	405.01	-22.74	-7.68	180.86	-10.23	-4.08	27.25	3.25	-0.74	5.22	18.06	-5.12
MRBLD1FB42P75_SIN		0.00	-42.82	49.79	420.10	34.80	-76.90	-31.81	39.65	16.04	-11.36	3.61	-10.99	-2.07	-7.26	-15.58	14.17
MRBLD1FB70_COS		412.17	10.30	-59.15	76.13	117.15	-6.69	-1.26	31.95	-0.78	-0.10	0.18	-0.29	0.21	-0.78	-3.87	1.09
MRBLD1FB70_SIN		0.00	6.19	11.70	149.94	14.27	-21.46	-6.97	7.38	1.30	-0.25	0.36	0.47	0.14	0.99	3.02	-3.10
MRBLD1FB87_COS		63.27	1.80	-36.55	44.86	45.50	-3.51	0.39	-15.46	1.35	0.64	-5.71	-0.61	0.35	-1.35	-3.86	0.87
MRBLD1FB87_SIN		0.00	4.37	2.15	87.90	3.42	-6.40	0.95	-4.17	-1.71	1.92	-1.36	2.93	0.51	1.64	3.47	-2.78
MRBLD1FB120_COS		-152.75	-1.49	-49.22	45.68	-25.30	3.12	1.22	-45.67	1.50	0.70	0.68	-0.29	-0.75	1.87	5.33	-1.61
MRBLD1FB120_SIN		0.00	-5.85	6.18	89.79	-16.40	15.69	9.12	-9.30	-2.97	0.11	1.09	-1.80	-0.57	-1.74	-5.08	4.23
MRBLD1FB164_COS		131.78	12.62	-205.69	24.41	-159.12	24.36	0.01	63.81	-1.02	-3.29	-0.38	0.89	1.45	-2.42	-2.59	0.05
MRBLD1FB164_SIN		0.00	-29.11	55.03	46.09	-28.31	29.84	-7.06	17.12	5.94	0.02	-1.19	4.41	1.88	1.96	3.73	-0.20

RUN	POINT	Harmonics															
57	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		28.07	8.85	-184.73	-0.99	-101.11	10.73	-0.41	63.15	-0.97	-0.54	-10.85	-2.86	-0.67	1.36	6.68	-2.70
MRBLD1FB180_SIN		0.00	-27.19	54.29	-7.51	-3.41	-4.86	-14.97	8.85	3.25	2.56	-3.96	7.68	-0.19	0.03	-5.07	6.25
MRBLD1TOR51_COS		-1522.13	-2.08	-11.44	10.45	31.85	-8.62	-9.75	39.09	-0.06	0.34	-1.35	-1.18	-0.01	0.40	1.99	-1.74
MRBLD1TOR51_SIN		0.00	-6.05	6.09	50.94	5.62	6.89	-14.26	-0.01	0.92	0.06	-1.06	0.70	-0.16	0.14	0.07	-0.39
MRBLD1TOR71_COS		-297.39	-4.62	-4.25	5.72	17.95	-8.09	-8.62	30.00	0.48	0.29	-1.60	-1.37	-0.18	0.00	1.06	-1.10
MRBLD1TOR71_SIN		0.00	-7.13	3.90	31.16	0.17	9.08	-12.28	-4.93	0.49	0.29	-1.81	1.03	-0.01	0.10	0.13	-0.24
MRBLD1TOR130_COS		-45.50	-3.45	1.77	0.13	0.33	-6.49	-5.72	24.73	-0.23	0.47	0.45	0.46	-0.26	0.14	-0.33	0.68
MRBLD1TOR130_SIN		0.00	-6.16	3.00	9.26	-6.47	11.22	-9.32	-1.33	0.60	-0.60	1.24	0.21	0.09	-0.34	0.28	0.41
MRBLD1TOR164_COS		-222.24	-2.20	25.39	-4.39	20.82	-4.68	-1.59	9.21	0.70	0.08	-0.73	-0.18	-0.20	0.52	1.28	-0.04
MRBLD1TOR164_SIN		0.00	-3.77	-0.25	-9.05	7.14	-1.34	-5.80	-3.30	-0.36	0.46	-0.63	0.05	0.12	0.48	0.87	0.90
MRFBM2CB26P5_COS		-1397.48	0.23	41.98	0.29	0.28	0.48	5.79	-7.13	2.11	-0.47	0.91	0.36	0.08	-0.76	1.16	-0.47
MRFBM2CB26P5_SIN		0.00	154.72	-46.71	-19.28	-6.34	-5.67	-3.86	1.20	-0.49	-0.28	2.75	0.04	0.19	-0.08	-1.66	0.08
MRFBM2FB9_COS		-1020.50	-52.42	-69.85	-36.22	-22.72	-0.45	-0.54	11.38	-0.25	0.49	-0.32	-0.10	0.07	0.44	0.02	0.52
MRFBM2FB9_SIN		0.00	-71.62	79.21	112.00	39.39	7.59	3.40	-0.10	0.37	0.32	-0.68	-0.01	-0.04	0.37	0.87	-0.12
MRFBM2TOR26P5_COS		-418.39	-13.22	0.01	0.09	-0.15	-0.12	0.09	-0.06	-0.01	0.00	-0.01	0.01	0.01	0.01	-0.02	0.00
MRFBM2TOR26P5_SIN		0.00	-2.57	-0.01	-0.07	0.39	0.14	-0.26	0.13	-0.01	0.02	-0.05	-0.02	0.01	0.00	0.00	0.01

RUN	POINT	Harmonics															
57	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1018.07	302.45	-160.62	44.69	79.63	5.21	-4.04	49.54	1.92	0.01	6.33	5.54	0.38	4.92	11.87	-5.49
MRPC1CB33P25_SIN		0.00	176.33	44.33	152.04	42.59	-23.40	-17.96	48.07	-1.00	-0.83	14.80	-6.56	-0.41	-1.61	2.48	2.03
MRPC1FB33P25_COS		1543.32	-45.68	-114.05	110.24	318.65	3.11	7.94	123.77	-14.81	2.91	17.64	9.74	1.01	9.04	24.53	-15.09
MRPC1FB33P25_SIN		0.00	-54.06	25.97	381.25	121.22	-66.23	-26.16	102.51	7.54	-10.43	18.07	-5.88	-1.93	-0.70	6.38	3.35
MRPC1TOR25P5_COS		-722.43	-1.19	17.32	-11.55	-25.65	8.87	14.95	-37.24	-0.44	-0.05	1.83	2.51	-0.72	0.58	0.77	0.15
MRPC1TOR25P5_SIN		0.00	-18.65	-9.27	-37.84	4.10	-7.56	15.60	5.24	-0.95	-0.47	3.10	-1.63	0.33	-0.80	1.87	1.50
MRPLK1LOAD_COS		-69.79	2.02	1.03	-2.34	-3.97	1.16	1.56	-5.58	-0.09	0.03	0.33	0.31	-0.18	0.04	-0.05	0.10
MRPLK1LOAD_SIN		0.00	5.70	-0.85	-5.69	0.43	-1.09	2.20	0.52	-0.17	-0.01	0.43	-0.10	0.03	-0.07	0.34	0.19
PITCHRH_COS		11940.94	-8365.89	-196.55	2.73	90.05	1431.51	-10.92	54.19	-16.24	-14.36	25.18	33.49	3.13	11.86	7.36	82.85
PITCHRH_SIN		0.00	2101.18	34.45	-10.66	30.03	-750.29	52.38	18.48	58.00	-15.93	-24.49	-7.01	4.78	1.73	3.46	-18.39
ROLLRH_COS		1846.59	-2055.26	-14.34	-23.13	-72.39	-208.45	-92.31	-41.40	30.30	35.26	25.86	-9.43	-2.69	-4.33	16.95	56.95
ROLLRH_SIN		0.00	-8231.23	-251.41	-3.95	-12.34	1819.70	54.83	-37.84	-34.93	-6.77	6.65	22.54	-1.37	5.36	5.46	145.85
TORQ_COS		36894.37	161.56	4.27	-4.89	-8.47	-6.90	4.35	3.87	-15.09	-2.37	-5.84	-0.51	3.34	-1.17	-4.05	8.42
TORQ_SIN		0.00	496.79	11.48	0.29	9.48	-32.37	1.46	0.30	-0.57	-4.62	-15.40	6.55	-7.10	6.51	-5.15	-6.38
THRUST_COS		2156.42	-2.94	4.68	1.84	2.37	-2.79	1.25	-0.40	1.23	0.25	-5.35	-1.15	0.22	-0.17	0.10	7.95
THRUST_SIN		0.00	4.70	1.31	-5.49	-1.00	23.06	-3.27	-2.12	-0.76	0.10	-3.70	1.51	-0.45	-0.41	0.19	-3.88

RUN	POINT	Harmonics															
57	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-74.28	61.03	2.53	3.06	4.00	-74.18	4.83	0.09	-0.85	-1.46	-0.68	0.59	0.17	0.05	-0.59	-1.81
SIDERH_SIN		0.00	220.14	11.04	-4.08	2.52	-81.81	-3.73	2.29	0.66	0.19	0.02	-1.07	0.07	0.02	-0.14	-4.11
DRAGRH_COS		-279.30	222.60	3.71	0.87	-5.84	99.56	-3.44	3.32	1.73	0.55	-3.08	-1.54	0.42	-0.28	-0.17	-3.10
DRAGRH_SIN		0.00	-50.38	-1.81	2.90	2.91	98.14	-8.05	1.69	-1.52	1.72	2.27	-0.09	-0.31	0.23	-0.18	1.26

RUN	POINT	Harmonics															
57	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-6.58	0.18	2.58	0.14	1.01	0.06	0.19	0.01	0.04	0.02	0.02	0.00	-0.01	0.01	0.00	0.00
ACT1FORCE_SIN		0.00	0.05	-0.71	0.55	-0.41	0.12	-0.07	0.02	0.04	0.00	-0.03	-0.02	0.03	0.02	0.03	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		299.30	-3.51	-26.44	0.46	-11.24	-0.72	-1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	1.27	6.32	-3.41	4.69	0.09	0.90	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		506.59	3.51	26.48	-0.45	11.23	0.72	1.54	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	-1.28	-6.38	3.41	-4.75	-0.09	-0.91	-0.01	-0.01	0.00	-0.01	0.01	0.00	0.01	-0.01	0.01
MRBLD1CB42P75_COS		-3877.13	360.55	-170.71	67.11	44.91	-14.29	-4.26	10.14	6.06	1.93	7.05	10.67	2.80	2.30	6.84	-1.58
MRBLD1CB42P75_SIN		0.00	-0.21	17.04	91.79	21.00	-17.14	-8.32	-12.21	-0.74	3.09	2.17	-4.16	3.04	0.92	1.41	0.96

RUN	POINT	Harmonics															
57	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2910.24	205.03	-62.78	47.48	27.16	-17.56	16.39	6.95	1.01	2.11	-1.83	7.14	1.06	1.59	-1.71	-1.33
MRBLD1CB70_SIN		0.00	18.34	-0.95	83.33	31.17	8.16	6.20	-11.40	-1.74	3.64	7.96	-4.55	2.61	-0.94	3.54	-0.57
MRBLD1CB120_COS		-853.87	63.22	30.59	36.91	50.02	-21.80	25.57	6.41	-6.55	-2.86	-3.64	-3.35	-1.58	-1.07	-3.25	0.14
MRBLD1CB120_SIN		0.00	14.37	-9.41	69.89	25.05	17.75	20.84	-10.85	5.95	-1.48	-5.99	3.26	-2.41	-0.36	-1.52	-0.67
MRBLD1CB164_COS		-2073.50	1.96	46.77	31.76	31.24	-5.56	11.32	-0.41	-4.81	-2.62	3.40	-3.40	-0.13	-0.87	3.77	0.54
MRBLD1CB164_SIN		0.00	4.19	-2.05	49.53	9.83	13.30	16.29	-1.52	4.78	-3.22	-10.10	3.62	-2.39	0.61	-2.08	0.71
MRBLD1FB42P75_COS		2382.31	-38.34	-158.12	246.70	258.86	-63.74	-13.97	11.74	10.19	-4.65	-0.91	12.20	1.85	3.72	2.45	-0.65
MRBLD1FB42P75_SIN		0.00	11.24	34.63	195.76	-60.06	-55.37	-13.04	-50.62	17.35	4.29	-30.80	-6.28	-2.17	1.25	-8.80	2.03
MRBLD1FB70_COS		409.45	20.01	-66.01	87.75	75.89	-17.06	-2.75	1.98	1.59	-0.14	0.08	-0.65	-0.29	-0.80	-0.79	0.09
MRBLD1FB70_SIN		0.00	9.56	10.09	74.34	-14.75	-15.84	-2.63	-8.65	1.82	0.07	-0.32	-0.13	0.06	-0.35	1.61	-0.70
MRBLD1FB87_COS		62.89	10.69	-41.45	54.95	30.71	-2.50	0.98	-1.52	-1.77	0.99	-0.27	-2.96	-0.88	-0.81	-0.73	0.06
MRBLD1FB87_SIN		0.00	8.54	4.00	45.89	-6.21	-4.85	0.51	4.23	-2.02	-1.01	6.13	1.61	0.59	-0.22	1.94	-0.53
MRBLD1FB120_COS		-151.79	7.68	-61.44	60.55	-8.59	14.48	5.74	-2.85	-2.24	1.51	0.39	2.12	1.35	1.26	0.92	0.17
MRBLD1FB120_SIN		0.00	-1.04	3.84	47.29	-6.55	11.24	3.58	11.22	-2.96	0.83	-0.62	-0.79	0.01	0.87	-2.69	0.67
MRBLD1FB164_COS		125.28	42.43	-236.88	8.28	-109.64	14.91	-6.03	11.72	5.54	-4.73	-1.77	-4.20	-2.51	-0.67	-1.38	-0.73
MRBLD1FB164_SIN		0.00	-13.44	29.34	6.54	4.32	32.60	-5.09	-12.19	7.17	-2.02	1.51	2.62	0.10	-1.51	2.06	-0.70

RUN	POINT	Harmonics															
57	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		24.42	40.77	-200.49	-21.04	-78.11	-10.78	-9.40	5.36	-3.18	1.49	-2.51	-4.40	-1.69	-0.19	1.58	0.24
MRBLD1FB180_SIN		0.00	-9.36	33.21	-23.57	10.69	2.01	-9.32	-11.99	-0.09	-0.10	10.97	2.40	1.68	0.57	-3.32	1.32
MRBLD1TOR51_COS		-1523.00	-5.21	-17.08	18.21	23.45	-2.45	-14.20	0.26	-1.17	0.97	-1.15	-0.83	-0.76	0.24	0.72	-0.32
MRBLD1TOR51_SIN		0.00	-10.53	5.62	28.75	1.60	12.59	-3.97	-7.60	-0.69	-0.22	1.34	-0.02	0.12	0.11	0.02	0.27
MRBLD1TOR71_COS		-297.58	-7.15	-9.07	10.10	13.31	-0.68	-12.39	-1.13	-0.94	0.86	-1.49	-1.35	-0.73	0.16	0.55	-0.39
MRBLD1TOR71_SIN		0.00	-9.24	4.61	18.58	0.72	13.95	-3.42	-5.37	-1.09	-0.34	1.62	0.25	0.04	-0.16	0.09	0.38
MRBLD1TOR130_COS		-45.33	-6.28	-2.45	0.52	0.69	1.24	-9.11	-0.04	-0.34	-0.15	1.12	0.41	-0.12	0.08	0.12	-0.13
MRBLD1TOR130_SIN		0.00	-8.49	3.83	6.53	-0.84	14.55	-2.77	-4.68	0.58	-0.46	-0.80	0.57	0.08	-0.30	0.07	0.10
MRBLD1TOR164_COS		-220.59	-5.61	26.16	-6.46	15.92	0.20	-3.30	-1.33	-0.43	0.39	-0.36	0.30	-0.11	-0.75	0.17	0.12
MRBLD1TOR164_SIN		0.00	-6.54	3.06	-1.80	3.24	1.15	-1.53	-2.74	-1.45	1.14	0.90	0.25	0.41	0.38	0.01	-0.13
MRFBM2CB26P5_COS		-1403.41	87.15	51.19	-4.01	-3.51	-1.28	3.05	-0.69	1.83	0.27	2.68	0.18	-0.21	-0.11	1.91	-0.03
MRFBM2CB26P5_SIN		0.00	154.85	-46.96	-7.58	-2.11	-4.81	-4.31	2.69	-1.13	0.18	-2.24	0.59	-0.13	0.23	-1.30	0.23
MRFBM2FB9_COS		-1029.84	-115.76	-84.29	8.50	-7.39	3.83	1.13	0.07	-0.01	-0.36	-0.84	-0.23	0.26	0.05	-0.07	0.12
MRFBM2FB9_SIN		0.00	-51.78	83.26	74.21	29.51	6.59	2.26	-2.90	0.62	-0.15	0.87	-0.31	-0.10	0.13	0.25	-0.02
MRFBM2TOR26P5_COS		-418.25	-13.86	-0.01	0.11	0.14	-0.01	-0.08	0.05	-0.01	0.00	-0.05	0.02	0.01	-0.01	-0.02	0.01
MRFBM2TOR26P5_SIN		0.00	-2.90	-0.07	-0.15	0.25	0.20	-0.23	-0.02	0.03	-0.01	0.03	-0.02	0.00	0.00	0.01	0.00

RUN	POINT	Harmonics															
57	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1040.87	345.75	-179.91	62.86	54.80	-11.56	-11.24	10.03	5.04	0.18	8.85	7.67	2.20	1.51	6.58	-1.14
MRPC1CB33P25_SIN		0.00	-15.45	29.17	74.28	7.67	-24.00	-8.02	-11.38	2.34	1.62	-5.13	-1.69	1.42	1.54	-0.84	0.87
MRPC1FB33P25_COS		1537.40	-35.56	-125.12	166.26	222.92	-35.48	-4.06	28.79	-0.21	-5.64	16.54	12.77	2.63	1.51	8.88	-2.44
MRPC1FB33P25_SIN		0.00	-4.22	8.81	201.45	11.31	-60.61	-15.25	-35.07	17.44	1.12	-21.48	3.56	0.20	3.77	-2.11	0.49
MRPC1TOR25P5_COS		-721.24	3.48	25.40	-14.59	-17.49	1.85	18.15	1.12	1.45	-1.39	2.27	2.50	1.13	0.02	0.66	-0.49
MRPC1TOR25P5_SIN		0.00	-3.45	-11.09	-19.86	2.98	-13.81	3.47	6.92	1.24	0.46	-1.31	0.52	0.34	-0.23	0.53	0.20
MRPLK1LOAD_COS		-69.75	3.15	1.80	-2.65	-2.83	0.35	2.25	0.11	0.24	-0.23	0.38	0.22	0.12	-0.02	0.06	-0.10
MRPLK1LOAD_SIN		0.00	5.75	-1.37	-2.94	0.42	-1.94	0.61	1.07	0.17	0.02	-0.31	0.21	0.02	-0.07	0.05	0.05
PITCHRH_COS		12079.66	-8492.55	-174.36	-9.75	45.52	626.43	6.75	15.83	-5.70	-14.38	27.56	2.36	6.84	5.41	-3.04	57.38
PITCHRH_SIN		0.00	2204.20	9.44	-21.60	-2.24	-752.86	22.74	-17.42	26.85	1.77	-3.28	-20.30	-9.17	-1.65	3.66	-4.68
ROLLRH_COS		605.32	-2179.42	-7.84	-21.18	-88.41	356.49	-60.56	-39.24	25.68	14.47	9.34	0.86	0.11	-0.12	14.53	37.30
ROLLRH_SIN		0.00	-8370.37	-285.20	-2.77	-6.08	1188.24	74.34	-16.10	-41.14	1.20	-16.69	14.78	-7.16	-9.12	2.76	62.20
TORQ_COS		36582.95	170.91	2.82	-8.37	4.57	-11.41	2.37	1.56	-12.73	-3.68	-7.87	-0.19	2.80	-1.83	-5.00	4.54
TORQ_SIN		0.00	472.86	-1.70	-6.21	18.06	-22.71	-1.96	1.46	-5.29	-4.58	3.36	5.78	-5.98	5.57	-5.27	-7.75
THRUST_COS		2130.54	-3.49	5.10	-1.15	-1.60	15.43	0.09	0.34	0.60	-0.70	-4.39	-0.88	-0.25	-0.45	1.64	2.57
THRUST_SIN		0.00	4.45	3.00	-3.94	-3.89	24.02	-1.55	-0.29	-0.71	0.87	11.78	0.12	0.51	-0.25	1.40	0.98

RUN	POINT	Harmonics															
57	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-75.28	63.52	2.12	1.04	7.12	-72.20	3.61	0.74	-0.79	-0.48	-0.48	-0.12	-0.06	-0.02	-0.57	-1.20
SIDERH_SIN		0.00	223.21	12.33	-3.92	-3.05	-32.74	-2.99	1.53	1.07	-0.11	0.58	-0.85	0.17	0.35	-0.17	-1.82
DRAGRH_COS		-281.05	226.19	3.63	0.64	-4.15	94.32	-6.01	3.13	1.40	0.33	-3.07	-0.17	0.07	-0.13	0.27	-2.09
DRAGRH_SIN		0.00	-54.26	-2.72	1.74	3.21	26.44	-5.11	-0.84	-1.49	-0.10	0.31	0.82	0.38	0.42	-0.51	0.98

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.25	-0.39	-0.08	-3.64	-2.66	-0.88	0.03	0.58	0.23	0.04	-0.03	0.27	0.16	0.14	0.17	-0.02
ACT1FORCE_SIN		0.00	11.97	1.68	1.02	0.58	-0.91	-0.35	-0.25	0.16	0.06	-0.15	0.06	0.02	-0.07	-0.02	0.14
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		328.40	-7.34	-3.17	30.58	24.56	11.31	-0.01	-0.04	-0.03	-0.04	0.01	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-90.69	-14.41	-9.49	-2.92	6.37	-0.02	0.00	0.00	-0.04	0.00	0.00	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		477.33	7.43	3.22	-30.59	-24.62	-11.38	-0.03	0.03	0.02	0.03	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	90.86	14.46	9.58	3.00	-6.34	0.01	-0.01	-0.02	0.02	-0.01	0.00	-0.01	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4694.12	-1330.02	32.63	244.73	-53.90	-84.84	-41.10	-134.54	31.15	23.58	25.40	18.24	2.09	-2.49	-50.20	-0.32
MRBLD1CB42P75_SIN		0.00	312.32	-37.81	57.48	170.28	-9.88	25.05	-17.75	-45.67	-7.98	-114.20	43.03	15.59	13.97	32.48	-13.06

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2857.47	-830.08	300.74	151.20	-22.15	-74.45	-54.83	-92.03	26.22	26.96	-5.50	13.10	1.76	0.80	-37.16	0.23
MRBLD1CB70_SIN		0.00	218.27	-71.23	98.87	311.63	18.30	67.92	15.75	-30.55	-2.84	-85.01	19.72	6.90	7.36	24.46	-17.24
MRBLD1CB120_COS		-420.74	-347.66	426.67	145.87	-6.17	-25.46	-42.53	-34.30	-28.67	-0.38	10.24	-1.78	3.75	6.34	-3.45	-0.50
MRBLD1CB120_SIN		0.00	195.27	-162.37	18.28	294.75	31.14	73.85	28.02	-5.22	-13.20	60.74	-16.18	0.17	0.88	-6.86	-10.09
MRBLD1CB164_COS		-1960.17	-112.86	140.26	34.94	-41.37	-2.02	-0.69	28.88	-33.36	-9.22	17.37	0.20	5.68	2.94	24.50	-3.29
MRBLD1CB164_SIN		0.00	102.91	-58.80	19.28	125.17	20.63	18.13	9.02	-4.04	-23.80	64.30	-5.28	4.66	-2.14	-10.05	16.20
MRBLD1FB42P75_COS		3014.17	184.08	-405.88	524.41	-137.38	-85.54	-83.18	-323.17	-116.82	-57.84	58.32	57.80	36.88	27.00	-22.38	-50.10
MRBLD1FB42P75_SIN		0.00	-66.97	15.63	90.61	135.32	84.39	28.10	66.50	-68.35	-89.30	-131.48	13.66	-1.97	11.31	125.62	-21.42
MRBLD1FB70_COS		396.04	-2.98	-185.91	144.81	-53.68	-21.62	-7.34	-42.92	-1.80	2.71	-0.50	-0.93	-2.50	-4.80	6.61	12.40
MRBLD1FB70_SIN		0.00	-195.90	29.86	23.41	32.81	7.49	7.52	17.76	-4.05	2.08	2.19	2.46	3.59	-1.26	-26.59	3.77
MRBLD1FB87_COS		-102.17	24.00	-153.08	47.28	-49.26	-22.16	-3.85	31.83	18.03	13.19	-5.78	-11.24	-5.21	-4.65	1.43	5.41
MRBLD1FB87_SIN		0.00	-198.06	52.03	51.88	19.52	2.72	-3.76	-6.93	5.40	11.45	29.61	-3.69	1.46	0.04	-23.45	4.97
MRBLD1FB120_COS		-489.40	21.51	-236.02	13.75	-14.88	3.40	9.06	62.18	2.04	-9.42	-6.62	1.38	3.21	5.49	-5.58	-9.71
MRBLD1FB120_SIN		0.00	-247.21	100.47	124.78	32.01	0.30	-20.61	-27.33	8.39	-0.53	-11.19	-0.44	-7.24	-2.60	35.23	-7.16
MRBLD1FB164_COS		-216.55	51.88	-339.64	68.93	145.48	70.13	3.92	-94.00	-6.00	10.83	4.41	-4.05	-3.85	-1.47	4.36	2.53
MRBLD1FB164_SIN		0.00	-310.75	112.38	150.32	-0.42	-27.13	16.67	27.80	-15.05	1.61	21.82	-2.58	1.82	1.73	-16.39	4.62

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.18	0.21	-192.79	30.97	113.36	50.86	-19.42	-89.08	18.53	18.29	-23.89	-16.78	8.51	10.57	-12.21	-13.17
MRBLD1FB180_SIN		0.00	-216.30	72.50	72.26	-5.25	-18.61	23.16	35.80	-20.70	-4.35	61.41	-0.74	-6.97	-9.04	41.57	-6.78
MRBLD1TOR51_COS		-1449.36	72.21	-22.22	78.27	-13.64	-24.01	4.88	-36.88	9.01	3.24	-12.09	-2.73	3.84	2.82	-10.21	-0.77
MRBLD1TOR51_SIN		0.00	-72.86	11.44	25.85	14.32	2.82	5.69	28.51	-2.78	-6.19	-0.11	-5.01	0.09	1.09	6.32	-5.43
MRBLD1TOR71_COS		-253.71	86.14	-30.36	54.00	-2.23	-12.15	11.26	-19.39	9.01	1.56	-13.19	-3.42	2.96	3.73	-6.66	-0.95
MRBLD1TOR71_SIN		0.00	-76.77	6.63	8.30	0.39	2.22	7.75	32.20	5.12	-0.83	5.71	-4.32	-1.12	-0.23	2.22	-3.08
MRBLD1TOR130_COS		-8.63	75.60	-9.12	30.39	13.71	-7.19	9.08	-19.74	5.40	2.27	6.56	1.04	0.93	-0.09	-0.91	-1.06
MRBLD1TOR130_SIN		0.00	-59.94	1.87	-0.52	0.31	5.59	9.78	22.86	1.15	-2.15	2.99	9.49	3.63	0.62	-3.21	3.16
MRBLD1TOR164_COS		-214.11	40.81	48.97	3.35	-7.92	-16.18	-0.73	-2.56	5.56	3.24	0.21	0.95	2.32	2.71	-4.55	-1.82
MRBLD1TOR164_SIN		0.00	-19.78	-8.19	-25.01	-3.56	5.47	9.69	16.35	1.94	-1.70	4.85	6.00	2.59	0.15	-2.20	-1.30
MRFBM2CB26P5_COS		-2025.49	-321.10	15.27	-74.68	-23.43	6.93	10.20	8.49	0.59	-4.38	9.75	-0.07	-1.51	0.57	1.89	-2.64
MRFBM2CB26P5_SIN		0.00	-473.05	-17.92	-27.89	-3.34	0.03	2.80	-12.80	8.30	-0.77	-1.97	2.02	-0.33	-1.17	3.27	-1.89
MRFBM2FB9_COS		249.11	71.38	-131.49	50.68	-5.10	13.31	1.65	-10.43	1.67	2.28	-3.47	0.17	1.65	-0.21	-1.87	1.33
MRFBM2FB9_SIN		0.00	-203.05	85.46	119.41	-13.59	-5.99	6.29	19.53	-6.23	1.90	0.73	-0.70	-0.05	0.85	-3.41	1.51
MRFBM2TOR26P5_COS		-420.24	123.75	0.87	-0.10	0.07	-0.35	-0.04	-0.17	-0.12	0.09	-0.20	0.11	0.04	-0.02	0.21	0.09
MRFBM2TOR26P5_SIN		0.00	36.29	-0.12	-0.66	0.37	-0.38	0.09	-0.31	-0.24	0.03	0.02	-0.08	0.04	0.00	-0.14	0.04

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-660.76	-1191.04	-45.26	253.96	-49.56	-63.28	-28.07	-120.58	7.94	11.61	34.51	16.16	6.04	1.11	-46.94	-1.50
MRPC1CB33P25_SIN		0.00	311.50	-15.77	0.18	76.29	-9.31	2.39	-25.77	-46.89	-21.13	-72.64	33.44	12.64	13.52	27.78	-16.62
MRPC1FB33P25_COS		2218.15	131.21	-345.97	411.71	-148.67	-94.53	-76.51	-275.83	-53.15	6.07	117.50	32.19	26.44	7.30	-125.55	-9.57
MRPC1FB33P25_SIN		0.00	99.81	-54.12	172.98	91.72	44.68	-9.21	-81.30	-107.93	-95.47	-64.57	47.32	24.94	29.96	55.37	-57.07
MRPC1TOR25P5_COS		-811.98	-54.72	-16.51	-67.18	4.64	14.87	-13.84	25.15	-11.35	-0.79	21.99	5.86	-3.55	-1.82	-9.46	-3.76
MRPC1TOR25P5_SIN		0.00	118.61	-51.07	0.31	-0.45	2.32	-3.29	-37.15	-4.41	3.62	-6.66	15.50	2.25	2.64	-5.28	-0.86
MRPLK1LOAD_COS		-85.01	-1.78	0.19	-8.66	1.15	2.79	-1.40	4.89	-1.33	-0.36	3.23	0.16	-0.64	-0.30	-1.61	-0.72
MRPLK1LOAD_SIN		0.00	-10.82	-3.89	-1.76	-1.34	0.33	-0.83	-4.58	-0.30	0.23	-0.28	2.49	0.06	0.02	-1.98	0.07
PITCHRH_COS		10613.78	-8133.19	-766.39	-108.73	-20.67	-295.47	-106.41	-72.20	50.62	-25.37	53.24	-141.50	17.56	-14.55	-3.66	-425.07
PITCHRH_SIN		0.00	1982.50	-635.69	121.46	-54.64	445.92	32.57	9.24	-81.57	-97.10	-267.71	5.29	-3.46	42.21	12.52	266.07
ROLLRH_COS		3939.96	-1831.78	665.60	-32.83	-355.02	-946.08	-99.35	-87.08	85.60	77.53	342.25	-43.08	22.45	-12.18	-47.26	-706.22
ROLLRH_SIN		0.00	-7884.94	-842.30	-36.78	168.18	254.35	-238.52	-32.34	55.29	-25.01	-51.70	-113.59	25.64	14.57	0.19	-496.57
TORQ_COS		31257.09	241.52	5.91	4.63	-52.93	79.26	-4.09	8.15	-15.23	1.25	-15.94	1.87	2.61	-0.11	-0.62	13.48
TORQ_SIN		0.00	697.25	-17.73	-4.57	-86.02	53.53	0.42	35.92	-7.03	-5.73	2.84	1.85	-6.44	6.66	-10.67	-20.30
THRUST_COS		5817.69	-59.11	3.09	4.62	13.28	41.68	4.16	13.65	-2.46	-4.71	-36.21	1.34	-0.45	0.70	7.10	21.24
THRUST_SIN		0.00	-99.87	7.07	1.58	32.02	-32.78	4.39	16.30	-1.07	3.15	33.97	-4.11	0.07	-1.66	-12.78	32.55

RUN	POINT	Harmonics															
61	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.32	58.69	-18.82	-1.29	31.46	43.21	8.50	1.55	-2.36	-3.81	-13.54	2.49	-0.75	0.21	0.95	20.64
SIDERH_SIN		0.00	187.33	17.55	4.69	-71.08	-77.49	12.67	0.69	-1.34	2.10	2.82	5.32	-0.68	0.15	-0.24	14.34
DRAGRH_COS		-155.32	213.64	17.15	-0.81	-6.42	41.35	-7.91	-0.07	-0.83	0.93	3.68	6.99	-0.55	1.14	-0.79	17.10
DRAGRH_SIN		0.00	-63.91	17.61	-0.30	7.59	70.64	-19.62	-0.81	5.93	4.65	12.03	-6.14	1.44	-1.44	-1.94	-11.42

RUN	POINT	Harmonics															
61	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.44	-0.87	-0.02	-3.56	-2.71	-0.70	0.09	0.64	0.14	0.07	-0.01	0.31	0.19	0.09	0.15	-0.03
ACT1FORCE_SIN		0.00	12.13	1.33	1.37	0.53	-0.98	-0.26	-0.18	0.18	0.07	-0.12	0.08	0.06	-0.04	-0.03	0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		477.43	-2.92	-3.32	31.24	25.64	8.89	-0.01	-0.04	-0.02	-0.03	0.00	0.00	-0.01	-0.01	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-93.73	-10.44	-11.39	-2.97	7.58	-0.03	0.00	0.01	-0.02	0.01	0.00	0.00	0.01	-0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		328.03	2.94	3.35	-31.27	-25.70	-8.94	-0.02	0.03	0.02	0.03	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	93.89	10.48	11.43	2.99	-7.59	0.01	-0.01	-0.02	0.02	-0.02	0.00	0.00	-0.01	0.02	0.01
MRBLD1CB42P75_COS		-4657.38	-1750.31	4.97	252.15	-14.52	-75.08	-40.77	-159.03	26.88	33.70	32.36	28.90	7.50	5.47	-50.00	-1.07
MRBLD1CB42P75_SIN		0.00	184.31	-36.39	62.34	164.44	14.29	26.28	-8.49	-56.91	-4.61	-118.77	38.21	15.76	17.29	45.51	-19.66

RUN	POINT	Harmonics															
61	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2866.02	-1090.33	270.97	157.02	31.24	-64.98	-43.84	-107.21	22.78	35.36	9.16	21.97	5.70	9.75	-31.02	0.26
MRBLD1CB70_SIN		0.00	116.68	-70.87	99.18	307.36	59.11	64.22	22.81	-35.69	0.90	-84.01	18.82	6.34	9.61	34.98	-23.45
MRBLD1CB120_COS		-448.72	-445.94	394.36	150.61	36.49	-20.61	-29.65	-30.04	-30.31	-8.75	4.14	-5.85	3.01	6.49	-4.45	0.55
MRBLD1CB120_SIN		0.00	127.72	-161.79	19.08	283.38	68.54	65.94	30.74	1.43	-15.65	65.69	-12.60	0.54	1.92	-6.09	-10.69
MRBLD1CB164_COS		-1954.46	-135.58	123.46	37.95	-22.11	-2.40	5.54	40.00	-31.93	-16.87	3.33	-5.14	2.96	-2.08	22.42	-4.42
MRBLD1CB164_SIN		0.00	80.88	-58.95	24.24	119.06	34.60	15.76	8.28	3.35	-27.85	62.51	-4.00	6.22	-3.06	-15.83	19.83
MRBLD1FB42P75_COS		2983.67	305.17	-390.28	559.06	-136.37	-58.20	-84.46	-341.06	-115.98	-61.53	40.49	62.50	47.74	45.45	-0.73	-59.59
MRBLD1FB42P75_SIN		0.00	-59.45	24.78	122.62	91.18	81.23	32.12	96.88	-68.86	-86.73	-124.08	2.14	-7.13	8.11	145.36	-27.92
MRBLD1FB70_COS		395.48	-1.26	-179.45	155.38	-50.33	-14.17	-7.48	-47.70	-3.18	2.61	-0.21	-1.28	-4.21	-8.07	2.99	14.26
MRBLD1FB70_SIN		0.00	-197.49	30.49	35.20	18.55	8.60	7.89	23.05	-5.04	1.52	1.63	3.07	4.85	-0.37	-30.40	5.56
MRBLD1FB87_COS		-96.94	24.83	-148.18	52.01	-48.41	-21.48	-4.29	32.44	17.35	12.45	-2.94	-12.46	-6.92	-8.06	-3.14	7.14
MRBLD1FB87_SIN		0.00	-192.82	51.56	59.56	13.48	3.31	-3.67	-8.82	6.37	11.70	28.67	-1.00	2.91	1.69	-26.76	6.29
MRBLD1FB120_COS		-466.88	26.08	-225.69	19.70	-15.13	0.83	11.82	70.06	5.99	-6.97	-6.52	2.31	4.96	10.33	1.16	-11.33
MRBLD1FB120_SIN		0.00	-226.84	101.35	133.06	33.41	-0.76	-22.16	-35.70	8.08	-0.61	-11.21	-2.48	-9.17	-4.94	39.80	-9.31
MRBLD1FB164_COS		-289.41	70.66	-321.80	76.44	134.43	59.29	0.31	-103.96	-9.29	10.11	6.36	-4.74	-4.49	-3.67	1.59	4.22
MRBLD1FB164_SIN		0.00	-328.60	122.24	153.11	24.19	-29.60	19.84	40.11	-13.55	1.94	19.51	-1.70	1.20	2.53	-19.00	5.05

RUN	POINT	Harmonics															
61	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-302.11	13.29	-183.13	34.04	105.34	47.53	-19.75	-95.05	17.83	20.91	-16.48	-18.79	8.74	17.79	-2.34	-14.69
MRBLD1FB180_SIN		0.00	-243.31	80.57	72.52	11.83	-17.68	28.99	49.35	-17.15	-3.81	57.09	1.86	-8.84	-12.40	45.97	-10.03
MRBLD1TOR51_COS		-1565.59	71.26	-14.00	83.56	-10.03	-28.46	-0.75	-41.87	7.93	2.88	-10.06	-2.04	5.25	5.53	-9.77	-1.69
MRBLD1TOR51_SIN		0.00	-141.12	12.18	31.11	13.05	7.89	2.69	34.97	-0.90	-5.07	-0.19	-5.59	-0.65	2.13	10.40	-7.45
MRBLD1TOR71_COS		-362.55	89.73	-21.50	57.52	0.15	-17.13	5.80	-22.62	8.02	1.35	-11.29	-3.41	3.61	5.36	-6.27	-1.05
MRBLD1TOR71_SIN		0.00	-139.47	6.90	11.78	0.39	5.70	4.90	36.97	6.71	0.04	6.38	-4.16	-1.67	0.19	3.62	-3.99
MRBLD1TOR130_COS		-120.43	77.27	0.34	32.78	15.68	-11.01	4.56	-22.83	5.06	2.51	6.27	1.85	0.80	-0.65	-0.88	-0.03
MRBLD1TOR130_SIN		0.00	-125.28	1.68	0.36	2.27	8.64	7.40	26.43	1.46	-1.86	3.15	9.70	4.08	0.44	-5.71	4.15
MRBLD1TOR164_COS		-293.06	38.62	53.82	3.29	-4.08	-15.29	-2.07	-3.32	6.03	3.96	0.67	1.24	2.58	2.80	-4.42	-0.67
MRBLD1TOR164_SIN		0.00	-66.34	-10.51	-25.68	-6.15	8.85	8.64	18.27	2.71	-1.31	5.62	6.36	3.10	0.22	-3.01	-0.36
MRFBM2CB26P5_COS		-2032.76	-281.55	17.64	-71.73	-27.30	14.16	8.05	6.10	1.53	-4.72	6.96	-0.67	-1.46	-0.31	0.05	-1.82
MRFBM2CB26P5_SIN		0.00	-556.93	-16.31	-32.10	1.48	-0.89	-0.43	-11.02	6.96	0.76	-2.39	1.19	-0.07	-1.28	4.21	-2.35
MRFBM2FB9_COS		270.15	100.32	-131.87	36.03	9.62	14.11	3.41	-10.51	-0.49	2.59	-3.20	0.06	1.47	-0.28	-1.61	0.89
MRFBM2FB9_SIN		0.00	-139.07	79.92	134.88	-12.83	-7.64	7.94	16.76	-6.62	1.01	1.02	-0.26	-0.08	0.79	-4.34	2.19
MRFBM2TOR26P5_COS		-420.25	123.39	0.93	-0.04	0.05	-0.36	-0.20	-0.08	-0.10	0.10	-0.15	0.08	0.02	-0.02	0.21	0.10
MRFBM2TOR26P5_SIN		0.00	36.85	-0.13	-0.78	0.40	-0.50	0.13	-0.34	-0.23	-0.02	0.05	-0.09	0.03	-0.02	-0.10	0.06

RUN	POINT	Harmonics															
61	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-634.33	-1543.92	-67.16	259.51	-30.60	-55.83	-30.17	-136.95	4.80	16.42	31.41	23.49	10.24	8.07	-47.47	-1.95
MRPC1CB33P25_SIN		0.00	221.57	-15.41	3.71	67.64	1.81	6.00	-15.67	-54.53	-19.52	-76.01	29.45	13.67	16.99	41.07	-22.42
MRPC1FB33P25_COS		2193.41	238.54	-336.78	434.58	-136.93	-71.61	-77.99	-302.21	-52.59	3.24	100.97	42.77	37.61	21.58	-130.04	-7.83
MRPC1FB33P25_SIN		0.00	114.76	-42.27	205.18	55.60	51.29	-6.10	-64.79	-107.96	-95.13	-68.88	42.96	29.14	42.24	83.90	-70.09
MRPC1TOR25P5_COS		-691.39	-45.61	-27.86	-70.99	3.50	21.80	-7.04	27.84	-10.09	0.22	19.77	7.13	-4.05	-4.02	-10.68	-0.59
MRPC1TOR25P5_SIN		0.00	189.68	-45.65	-3.07	-0.56	-0.29	1.34	-43.05	-7.33	1.53	-6.24	16.85	3.77	2.33	-10.93	0.22
MRPLK1LOAD_COS		-69.33	-2.69	-1.00	-9.40	0.87	3.56	-0.58	5.37	-1.18	-0.20	2.81	0.34	-0.77	-0.66	-1.74	-0.05
MRPLK1LOAD_SIN		0.00	-1.80	-4.01	-2.36	-1.35	-0.31	-0.19	-5.43	-0.66	0.07	-0.10	2.78	0.30	-0.09	-3.26	0.44
PITCHRH_COS		9078.94	-7845.14	-1154.80	-115.37	18.32	-434.17	-189.68	-22.13	40.13	-19.69	26.65	-88.11	44.86	-64.79	13.24	-466.01
PITCHRH_SIN		0.00	1882.70	-681.86	114.21	32.73	277.32	141.11	43.80	-55.48	-79.86	-294.71	-48.97	9.65	62.39	-14.52	204.46
ROLLRH_COS		3947.53	-1603.90	657.04	-50.97	-371.62	-651.56	-112.76	-44.07	83.90	71.83	318.61	11.03	31.82	14.33	-57.97	-677.60
ROLLRH_SIN		0.00	-7563.00	-1322.51	-87.93	306.68	191.62	-277.85	21.60	43.06	-5.25	-95.18	-82.96	62.45	107.02	53.19	-604.64
TORQ_COS		31148.11	93.92	-10.41	-18.34	-120.13	79.74	-0.35	14.12	-9.87	-1.33	-7.25	3.14	1.14	0.89	1.29	11.20
TORQ_SIN		0.00	720.43	-4.72	-0.58	-81.61	50.71	0.39	33.72	3.28	-3.08	4.05	5.22	-9.85	7.04	-15.01	-21.38
THRUST_COS		5847.09	43.77	0.71	-6.20	31.03	35.42	7.32	13.68	-6.48	-5.50	-22.94	3.91	-2.19	1.09	-0.68	17.90
THRUST_SIN		0.00	-104.28	-1.67	11.43	32.03	-35.34	5.11	13.58	-3.37	3.32	34.13	-3.86	-2.71	-3.89	-24.32	42.91

RUN	POINT	Harmonics															
61	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.72	43.12	-15.07	-0.02	14.72	27.47	10.41	0.06	-1.86	-4.10	-12.88	-0.39	-1.01	-0.52	1.33	19.49
SIDERH_SIN		0.00	171.76	20.90	1.30	-92.92	-63.19	16.32	-0.56	-1.50	1.42	4.13	4.33	-1.86	-2.77	-1.55	17.32
DRAGRH_COS		-164.57	217.89	16.70	3.55	-10.10	46.89	-4.51	-2.61	1.32	-0.10	4.07	7.45	-1.87	3.16	-2.35	19.08
DRAGRH_SIN		0.00	-61.07	9.22	1.43	5.76	44.11	-36.64	2.66	6.15	2.77	15.00	-2.07	2.20	-2.81	-1.06	-9.91

RUN	POINT	Harmonics															
61	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.01	-1.13	0.33	-3.23	-2.79	-0.58	0.15	0.74	0.11	0.02	0.04	0.16	0.23	0.12	0.10	0.01
ACT1FORCE_SIN		0.00	11.75	1.07	1.25	0.58	-1.05	-0.29	-0.06	0.11	0.11	-0.10	0.09	0.06	-0.06	0.06	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		574.81	0.03	-6.61	28.70	26.84	7.87	0.01	-0.05	-0.02	-0.02	0.00	0.00	-0.01	-0.02	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-91.34	-7.38	-11.00	-3.60	8.17	-0.01	0.00	0.01	-0.02	-0.01	0.00	0.00	0.01	-0.02	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		230.48	-0.08	6.64	-28.74	-26.91	-7.88	-0.02	0.04	0.02	0.03	0.01	0.00	0.01	0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	91.50	7.42	10.96	3.54	-8.20	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00	-0.01	0.02	0.02
MRBLD1CB42P75_COS		-4594.40	-1796.67	0.19	247.52	-8.66	-58.75	-56.80	-142.15	43.45	38.65	47.14	20.35	1.44	3.27	-58.66	1.11
MRBLD1CB42P75_SIN		0.00	217.66	-28.96	45.78	146.18	12.13	27.05	-44.75	-58.55	-0.07	-102.81	51.47	17.57	20.05	45.26	-21.73

RUN	POINT	Harmonics															
61	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2890.18	-1124.57	256.70	150.04	28.54	-21.65	-61.54	-95.27	36.79	39.20	19.04	17.67	1.90	8.40	-36.86	1.95
MRBLD1CB70_SIN		0.00	145.52	-67.44	85.32	275.35	69.91	65.02	-2.86	-38.68	3.23	-72.48	27.84	9.14	12.89	32.85	-23.41
MRBLD1CB120_COS		-479.61	-471.09	375.42	142.97	14.07	27.14	-41.89	-20.14	-26.16	-7.86	-2.55	-2.39	5.08	6.15	-5.40	1.13
MRBLD1CB120_SIN		0.00	152.68	-159.68	12.08	256.99	90.77	67.41	20.90	-2.41	-20.68	59.24	-18.07	1.60	3.29	-8.22	-10.30
MRBLD1CB164_COS		-1958.33	-143.97	112.26	35.51	-34.50	18.48	4.94	37.65	-33.64	-16.38	-1.22	-0.82	4.93	-0.73	24.72	-7.01
MRBLD1CB164_SIN		0.00	88.56	-58.09	17.41	109.21	44.71	17.28	16.24	0.64	-29.98	55.89	-7.84	4.95	-4.84	-12.23	19.28
MRBLD1FB42P75_COS		2927.48	324.74	-369.98	543.14	-196.47	-80.65	-105.81	-333.78	-97.28	-52.29	58.52	64.13	48.75	45.70	-16.69	-59.15
MRBLD1FB42P75_SIN		0.00	-75.79	33.49	83.44	130.54	80.29	41.89	3.81	-91.36	-91.91	-119.82	20.34	2.12	19.43	162.67	-33.19
MRBLD1FB70_COS		389.02	0.45	-174.19	149.72	-66.18	-16.46	-10.45	-46.17	-1.03	3.07	0.31	-1.10	-4.02	-7.55	6.93	14.76
MRBLD1FB70_SIN		0.00	-199.94	34.69	19.23	26.86	7.58	11.03	9.15	-7.00	1.38	1.46	2.06	3.37	-2.66	-33.79	6.54
MRBLD1FB87_COS		-92.90	29.37	-144.75	48.21	-54.77	-22.22	-1.39	33.22	15.30	11.29	-6.84	-12.65	-7.26	-8.81	-0.85	6.33
MRBLD1FB87_SIN		0.00	-194.28	55.78	48.79	16.94	1.69	-4.89	-0.01	9.61	12.55	27.86	-5.26	0.95	-0.50	-30.52	6.88
MRBLD1FB120_COS		-443.52	40.04	-221.83	14.97	-12.06	0.69	16.72	68.64	3.75	-6.97	-5.77	2.62	6.13	11.40	-2.73	-10.72
MRBLD1FB120_SIN		0.00	-227.85	107.82	120.09	33.60	-2.17	-25.59	-15.48	10.17	-0.13	-10.37	0.33	-7.37	-2.44	45.01	-9.71
MRBLD1FB164_COS		-355.61	105.39	-306.42	72.98	157.50	65.26	-2.92	-102.37	-6.24	8.54	3.90	-4.20	-4.61	-4.64	3.28	3.06
MRBLD1FB164_SIN		0.00	-385.34	132.48	146.82	13.11	-20.38	21.93	10.28	-19.77	-1.07	18.41	-4.95	0.25	1.83	-21.15	6.33

RUN	POINT	Harmonics															
61	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-377.70	35.56	-175.39	32.11	117.63	51.04	-23.13	-92.72	18.17	19.02	-21.59	-14.65	12.75	19.46	-7.31	-14.12
MRBLD1FB180_SIN		0.00	-293.22	86.92	71.92	3.36	-11.22	30.63	23.36	-18.67	-3.98	55.36	-4.55	-8.85	-8.58	52.88	-10.06
MRBLD1TOR51_COS		-1687.37	79.79	-3.36	83.66	-9.77	-30.61	-3.05	-39.45	10.53	3.95	-10.93	-1.68	5.96	5.25	-11.65	-0.96
MRBLD1TOR51_SIN		0.00	-210.11	17.81	23.41	19.70	17.83	6.88	14.39	-3.96	-5.12	-0.28	-6.57	-0.65	3.30	12.18	-7.12
MRBLD1TOR71_COS		-477.20	97.60	-11.36	57.77	2.64	-19.30	4.48	-22.71	8.73	1.84	-12.68	-2.90	4.41	5.40	-6.94	-0.72
MRBLD1TOR71_SIN		0.00	-205.66	11.58	6.04	6.28	15.16	8.97	21.84	4.03	-0.45	5.88	-5.63	-2.05	0.73	4.62	-3.58
MRBLD1TOR130_COS		-236.52	84.73	11.19	32.49	20.75	-10.67	2.87	-23.04	6.37	3.02	6.15	0.57	0.33	-0.79	-0.34	-0.27
MRBLD1TOR130_SIN		0.00	-194.32	5.86	-2.02	4.47	16.73	12.10	13.54	-1.17	-1.97	5.06	10.70	4.11	0.13	-7.29	3.77
MRBLD1TOR164_COS		-373.61	38.67	59.55	2.57	-4.77	-14.19	-1.55	-3.74	5.33	3.39	0.57	1.63	2.81	2.44	-5.96	-1.73
MRBLD1TOR164_SIN		0.00	-110.59	-9.79	-25.53	-5.79	10.88	11.59	14.86	2.17	-1.91	5.18	6.75	4.05	0.96	-4.78	-1.26
MRFBM2CB26P5_COS		-2041.24	-293.74	14.91	-64.67	-25.98	18.86	7.25	6.62	0.41	-5.76	9.06	-1.62	-1.31	-0.81	1.91	-2.65
MRFBM2CB26P5_SIN		0.00	-416.51	-9.99	-33.33	-0.84	-4.55	-0.06	-9.22	7.09	0.63	-1.43	0.60	-0.39	-1.69	4.24	-2.60
MRFBM2FB9_COS		272.53	63.05	-130.66	22.20	19.19	17.48	4.73	-12.72	0.23	3.17	-4.65	0.82	1.35	-0.31	-2.28	1.27
MRFBM2FB9_SIN		0.00	-221.62	72.30	124.76	-17.56	-8.87	10.51	12.85	-6.57	1.07	0.99	0.00	-0.01	0.94	-3.88	2.15
MRFBM2TOR26P5_COS		-420.41	123.54	0.90	-0.09	0.14	-0.33	-0.30	0.04	-0.11	0.14	-0.19	0.10	0.01	-0.06	0.23	0.13
MRFBM2TOR26P5_SIN		0.00	36.12	-0.11	-0.67	0.42	-0.56	0.21	-0.35	-0.21	-0.05	0.03	-0.04	0.04	-0.01	-0.08	0.10

RUN	POINT	Harmonics															
61	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-599.34	-1567.60	-66.42	255.47	-27.26	-56.74	-41.65	-122.01	17.20	21.26	41.60	17.09	5.24	5.36	-55.26	-0.17
MRPC1CB33P25_SIN		0.00	254.63	-7.47	-8.03	62.05	-4.98	6.05	-47.60	-56.46	-17.07	-66.07	39.06	15.73	19.89	41.51	-24.13
MRPC1FB33P25_COS		2149.19	255.06	-322.77	427.86	-195.57	-87.55	-98.71	-258.45	-26.99	13.34	112.48	31.77	30.80	12.78	-154.37	-2.85
MRPC1FB33P25_SIN		0.00	104.40	-33.70	171.36	71.56	43.71	-5.77	-134.71	-116.21	-94.22	-54.55	57.37	36.03	49.21	78.84	-72.34
MRPC1TOR25P5_COS		-565.17	-54.72	-38.41	-70.77	-0.29	26.36	-5.84	27.52	-10.95	0.03	23.06	4.87	-6.38	-4.61	-10.73	-0.79
MRPC1TOR25P5_SIN		0.00	260.31	-52.11	4.43	-9.66	-11.82	-2.67	-23.74	-4.32	1.64	-3.58	20.60	4.34	1.16	-15.85	-0.85
MRPLK1LOAD_COS		-52.96	-4.18	-2.47	-9.35	0.70	3.91	-0.33	5.22	-1.40	-0.30	3.20	0.09	-1.07	-0.70	-1.63	-0.20
MRPLK1LOAD_SIN		0.00	7.55	-4.94	-1.35	-2.51	-1.81	-0.86	-2.50	-0.21	0.01	0.20	3.21	0.31	-0.37	-4.20	0.27
PITCHRH_COS		10234.02	-7629.98	-1644.33	-170.13	76.43	-595.93	-231.76	21.72	51.36	-7.24	24.32	-81.01	32.33	-97.19	36.00	-495.20
PITCHRH_SIN		0.00	1769.16	-774.46	234.22	97.84	344.18	134.36	59.96	-62.24	-96.57	-268.45	-85.01	13.95	80.76	-2.76	173.98
ROLLRH_COS		3987.98	-1427.94	720.45	-38.03	-319.17	-657.20	-127.51	-52.54	79.87	90.71	357.11	59.69	31.03	22.38	-55.82	-641.56
ROLLRH_SIN		0.00	-7282.23	-1855.53	-75.22	447.51	47.09	-378.31	11.75	63.78	17.87	-48.27	-74.39	94.19	119.74	46.16	-659.13
TORQ_COS		31049.24	-80.91	-26.22	-47.06	-186.11	80.63	-2.02	16.11	-7.00	-1.85	-9.29	3.67	2.60	2.50	-0.81	16.14
TORQ_SIN		0.00	763.10	6.24	-2.77	-53.89	76.21	3.27	41.78	1.51	-4.64	6.43	5.59	-8.13	6.62	-12.97	-19.69
THRUST_COS		5824.08	161.90	-1.77	-19.67	46.15	41.05	9.72	13.17	-7.06	-6.29	-30.24	5.60	-1.20	1.48	-1.05	19.45
THRUST_SIN		0.00	-99.89	-11.94	23.73	29.10	-37.23	8.54	15.79	-4.86	1.70	31.87	-3.93	-3.78	-3.99	-21.98	43.26

RUN	POINT	Harmonics															
61	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.55	31.77	-12.43	-1.05	-18.45	38.34	12.32	-1.15	-2.21	-5.10	-14.40	-2.71	-0.74	-0.82	1.23	18.52
SIDERH_SIN		0.00	156.63	26.32	-0.04	-102.21	-57.53	22.76	-0.73	-1.94	0.35	2.63	4.21	-2.87	-3.31	-1.34	19.01
DRAGRH_COS		-160.28	225.92	22.97	6.22	-9.40	23.51	-2.66	-5.92	-1.13	-0.79	5.86	8.55	-1.78	3.99	-2.96	20.27
DRAGRH_SIN		0.00	-56.85	0.91	-1.27	9.38	42.21	-48.56	6.64	6.31	3.32	14.58	0.24	2.04	-4.13	-1.29	-7.51

RUN	POINT	Harmonics															
61	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		2.99	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.16	-1.08	-0.15	-3.34	-3.06	-0.36	0.36	0.72	0.23	0.00	0.03	0.17	0.24	0.15	0.00	-0.01
ACT1FORCE_SIN		0.00	11.45	1.29	1.42	0.13	-1.14	-0.31	-0.09	0.14	0.11	0.01	0.04	0.07	-0.03	0.06	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		664.08	0.45	-1.21	30.67	27.85	6.48	-0.02	-0.04	-0.02	-0.03	0.01	-0.01	0.00	-0.02	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-87.74	-8.65	-14.47	-0.30	10.48	-0.03	-0.01	0.00	-0.03	0.00	0.00	0.02	0.01	-0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		141.12	-0.59	1.19	-30.74	-27.90	-6.42	0.01	0.03	0.03	0.03	-0.01	0.00	0.00	0.01	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	87.87	8.70	14.34	0.12	-10.55	0.01	0.01	0.00	0.03	0.00	0.00	-0.01	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4514.57	-2093.89	0.69	258.75	-4.25	-42.75	-47.56	-150.20	39.32	46.99	47.46	19.11	-0.21	3.95	-50.15	-3.11
MRBLD1CB42P75_SIN		0.00	122.95	-46.55	35.01	129.84	22.84	34.70	-25.67	-61.44	-5.78	-87.83	48.09	15.57	19.21	59.74	-25.85

RUN	POINT	Harmonics															
61	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2938.79	-1325.65	246.66	154.35	35.39	27.31	-56.00	-99.57	29.45	44.29	17.72	17.11	2.46	9.09	-26.75	0.04
MRBLD1CB70_SIN		0.00	70.42	-77.79	78.52	241.74	74.06	61.59	4.70	-41.86	-2.20	-62.51	26.99	7.06	11.89	44.98	-24.74
MRBLD1CB120_COS		-482.66	-553.08	366.26	148.27	14.24	89.40	-36.26	-12.56	-31.99	-17.22	-6.28	-4.11	5.91	7.12	-5.71	2.03
MRBLD1CB120_SIN		0.00	112.73	-162.20	5.55	227.67	89.00	50.51	16.19	-1.55	-16.49	50.23	-16.72	0.71	2.47	-7.52	-9.25
MRBLD1CB164_COS		-1957.17	-161.12	102.46	38.81	-35.31	44.14	3.61	42.26	-34.44	-26.67	-2.67	-2.03	3.28	-1.76	18.40	-7.34
MRBLD1CB164_SIN		0.00	74.24	-57.69	17.77	98.06	42.38	6.63	10.76	0.50	-24.70	46.08	-8.36	5.23	-5.88	-20.60	18.51
MRBLD1FB42P75_COS		2868.29	427.47	-338.58	588.08	-226.07	-75.15	-83.55	-330.57	-105.51	-57.61	54.62	51.61	40.30	44.08	13.48	-64.31
MRBLD1FB42P75_SIN		0.00	-73.37	34.72	54.76	164.88	100.32	48.81	34.61	-78.19	-80.02	-110.18	21.75	-0.44	13.32	163.48	-32.47
MRBLD1FB70_COS		381.62	6.74	-161.72	165.37	-75.03	-13.10	-4.56	-44.69	-1.92	3.00	0.74	-0.57	-2.81	-7.88	0.24	15.39
MRBLD1FB70_SIN		0.00	-204.31	32.77	10.50	34.20	11.08	10.18	13.71	-6.39	1.11	1.40	2.05	3.92	-0.93	-34.04	6.37
MRBLD1FB87_COS		-92.91	34.01	-137.94	57.38	-59.05	-21.67	-2.40	33.18	15.97	11.23	-7.37	-10.81	-5.60	-8.04	-6.70	7.38
MRBLD1FB87_SIN		0.00	-193.33	54.80	45.40	20.72	2.75	-5.96	-3.06	7.90	10.83	25.34	-5.75	0.57	0.16	-30.48	7.15
MRBLD1FB120_COS		-427.11	46.67	-219.24	22.89	-14.42	-1.38	8.71	66.11	4.83	-6.29	-5.34	2.06	3.71	9.86	6.43	-11.69
MRBLD1FB120_SIN		0.00	-218.35	107.07	118.37	31.85	-3.50	-24.67	-22.61	8.68	0.09	-8.59	1.86	-6.64	-3.79	44.75	-10.62
MRBLD1FB164_COS		-427.25	125.41	-291.44	82.96	170.03	69.53	4.11	-98.13	-7.68	7.52	3.05	-4.30	-3.78	-3.75	-1.05	3.99
MRBLD1FB164_SIN		0.00	-415.50	130.68	136.22	0.75	-27.50	21.92	21.92	-17.24	0.09	18.24	-4.40	0.46	1.83	-20.78	7.94

RUN	POINT	Harmonics															
61	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-455.42	46.23	-165.72	34.69	126.42	53.45	-14.32	-89.26	14.63	15.35	-23.38	-12.62	9.08	15.11	2.65	-15.32
MRBLD1FB180_SIN		0.00	-322.97	86.45	66.34	-4.19	-15.19	32.99	35.47	-16.22	-1.83	56.15	-0.81	-8.67	-11.36	52.53	-12.88
MRBLD1TOR51_COS		-1807.80	81.27	11.21	93.61	-7.78	-30.88	1.97	-37.97	9.55	2.40	-12.23	-1.75	6.43	6.20	-9.13	0.45
MRBLD1TOR51_SIN		0.00	-283.03	16.24	20.07	25.25	26.02	5.68	17.60	-3.60	-3.79	0.43	-6.01	-1.48	2.93	14.40	-6.81
MRBLD1TOR71_COS		-590.85	102.62	2.58	64.80	5.88	-20.35	8.28	-20.60	8.51	0.77	-13.39	-2.81	4.42	5.56	-5.50	0.67
MRBLD1TOR71_SIN		0.00	-273.71	10.55	3.64	10.97	21.64	7.23	23.42	3.94	0.72	6.25	-4.75	-2.45	0.20	6.00	-3.22
MRBLD1TOR130_COS		-352.04	87.23	23.76	35.99	25.35	-10.72	5.56	-21.99	5.75	2.35	5.78	0.32	0.00	-1.51	-1.10	-0.57
MRBLD1TOR130_SIN		0.00	-264.83	4.62	-4.02	6.65	21.44	11.12	15.22	-1.52	-1.10	5.74	9.92	3.58	-0.21	-7.34	3.11
MRBLD1TOR164_COS		-452.85	35.59	65.78	2.66	-5.10	-13.91	0.22	-2.87	4.90	3.20	0.42	1.53	2.43	1.88	-5.79	-2.69
MRBLD1TOR164_SIN		0.00	-159.31	-11.15	-25.79	-4.16	14.41	10.97	14.63	1.53	-2.23	5.05	6.62	3.52	0.04	-3.60	-1.47
MRFBM2CB26P5_COS		-2053.04	-256.37	5.95	-61.91	-24.44	19.72	6.13	5.58	2.29	-5.27	9.59	-1.56	-1.96	-0.86	2.14	-1.82
MRFBM2CB26P5_SIN		0.00	-434.90	2.35	-36.30	-0.76	-6.05	-0.07	-4.54	6.19	1.83	-1.78	0.23	-0.02	-1.80	4.34	-2.00
MRFBM2FB9_COS		291.01	58.30	-121.68	18.31	29.84	18.91	5.76	-12.74	-1.03	3.35	-4.78	0.66	1.32	-0.25	-2.70	0.87
MRFBM2FB9_SIN		0.00	-195.25	53.34	130.41	-26.04	-12.41	10.75	7.03	-6.27	0.46	1.41	0.14	-0.04	0.95	-4.16	2.15
MRFBM2TOR26P5_COS		-420.44	123.44	0.92	-0.11	0.15	-0.29	-0.35	0.14	-0.13	0.14	-0.17	0.06	0.00	-0.07	0.20	0.15
MRFBM2TOR26P5_SIN		0.00	35.59	-0.18	-0.66	0.37	-0.62	0.29	-0.29	-0.14	-0.08	0.04	-0.03	0.03	-0.02	-0.09	0.08

RUN	POINT	Harmonics															
61	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-567.18	-1790.10	-61.20	265.54	-28.04	-57.78	-32.79	-124.98	13.44	23.83	39.66	15.16	3.28	6.66	-46.42	-3.68
MRPC1CB33P25_SIN		0.00	202.88	-25.75	-21.16	59.40	7.00	13.09	-28.85	-57.35	-19.42	-57.40	35.65	14.03	17.93	54.34	-27.12
MRPC1FB33P25_COS		2103.41	345.36	-298.84	469.69	-227.76	-86.84	-84.22	-269.41	-40.61	3.53	103.27	21.78	27.18	16.44	-136.58	-6.84
MRPC1FB33P25_SIN		0.00	115.17	-25.36	155.90	91.28	61.87	9.38	-108.93	-110.19	-87.85	-49.12	50.35	27.31	44.24	106.70	-76.73
MRPC1TOR25P5_COS		-440.28	-51.10	-55.01	-78.71	-5.21	29.77	-10.62	24.40	-10.49	1.95	24.79	4.34	-7.18	-5.81	-11.83	-3.37
MRPC1TOR25P5_SIN		0.00	336.38	-46.69	9.06	-16.74	-19.93	1.37	-25.97	-4.94	-0.22	-2.70	18.97	4.18	0.60	-13.99	-2.13
MRPLK1LOAD_COS		-36.88	-5.30	-4.38	-10.57	0.30	4.05	-1.07	4.84	-1.27	-0.14	3.41	0.06	-1.27	-1.03	-1.87	-0.41
MRPLK1LOAD_SIN		0.00	16.97	-4.68	-0.74	-3.41	-2.93	-0.46	-2.87	-0.36	-0.11	0.30	2.94	0.32	-0.52	-3.84	0.11
PITCHRH_COS		9449.08	-7585.63	-2133.54	-177.25	180.42	-746.60	-196.74	79.29	-21.36	2.59	1.85	-36.88	19.87	-98.23	44.71	-403.19
PITCHRH_SIN		0.00	1809.18	-820.21	321.27	178.01	457.46	225.82	46.94	-62.14	-71.51	-231.56	-115.02	15.65	108.50	-18.50	217.37
ROLLRH_COS		3818.07	-1256.78	736.57	-4.86	-205.06	-597.26	-128.30	16.43	117.46	93.72	317.98	92.16	8.49	62.58	-96.67	-659.85
ROLLRH_SIN		0.00	-7046.07	-2377.49	-133.10	580.16	-278.99	-475.38	57.56	20.68	51.15	-78.80	-60.34	130.08	113.32	68.11	-517.75
TORQ_COS		30830.73	-196.52	-41.13	-65.49	-215.13	91.59	-4.85	13.81	-12.17	-2.43	-14.56	4.95	3.94	1.78	1.65	10.32
TORQ_SIN		0.00	762.17	2.21	-1.79	-8.01	77.26	7.68	27.90	-3.32	-5.78	4.80	7.54	-10.93	6.15	-13.48	-20.31
THRUST_COS		5843.16	285.51	-3.72	-33.92	57.16	41.21	10.77	6.77	-5.86	-6.78	-31.40	4.97	1.70	1.12	-0.60	19.76
THRUST_SIN		0.00	-90.89	-18.24	33.53	21.61	-45.25	12.22	8.68	-5.37	1.20	30.56	-2.58	-4.76	-4.79	-28.00	40.95

RUN	POINT	Harmonics															
61	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.67	5.94	-9.76	1.11	-56.88	48.32	11.15	-3.09	-2.46	-5.84	-12.36	-4.34	0.13	-2.09	2.58	18.97
SIDERH_SIN		0.00	138.82	32.87	1.29	-99.85	-36.52	26.70	-0.69	-0.38	-0.40	3.82	3.40	-4.08	-3.21	-1.81	14.86
DRAGRH_COS		-165.16	237.84	26.75	9.23	-5.32	-9.42	-5.62	-4.01	4.08	-3.20	8.67	6.58	-1.83	3.83	-3.21	16.35
DRAGRH_SIN		0.00	-53.07	-6.08	-0.14	12.29	31.09	-59.71	9.02	5.10	0.07	12.87	2.44	2.20	-4.57	-0.89	-9.52

RUN	POINT	Harmonics															
61	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-46.16	0.13	-0.04	-3.73	-2.68	-1.14	-0.01	0.38	0.38	-0.01	0.01	0.16	0.15	0.17	0.14	0.03
ACT1FORCE_SIN		0.00	11.08	1.77	1.38	0.42	-0.53	-0.47	-0.31	0.10	0.06	-0.08	0.01	-0.07	-0.15	-0.04	0.07
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		225.73	-11.89	-4.70	30.67	23.83	13.45	-0.01	-0.04	-0.02	-0.03	0.00	0.00	0.00	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-84.49	-14.15	-11.99	-2.77	4.48	-0.05	-0.01	0.00	-0.03	-0.01	-0.01	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		580.21	12.08	4.78	-30.66	-23.89	-13.55	-0.02	0.03	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	84.65	14.20	12.20	2.96	-4.38	0.04	0.00	-0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.02
MRBLD1CB42P75_COS		-4763.28	-1023.48	90.20	252.34	-87.39	-90.25	-36.12	-124.59	28.91	19.51	43.81	-8.27	-2.52	-2.75	-32.48	-8.59
MRBLD1CB42P75_SIN		0.00	481.98	-42.39	60.91	172.30	-26.11	34.94	13.30	-39.14	0.07	-85.10	27.35	5.92	6.31	25.57	-8.51

RUN	POINT	Harmonics															
61	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2840.96	-639.90	344.86	162.93	-61.25	-93.72	-63.11	-79.85	25.78	23.28	13.35	-6.43	-2.82	-1.85	-28.05	-2.93
MRBLD1CB70_SIN		0.00	319.88	-66.93	105.13	309.59	-4.21	72.91	45.48	-23.32	6.30	-74.09	12.74	4.75	2.89	17.57	-11.30
MRBLD1CB120_COS		-370.68	-268.68	462.70	161.71	-35.29	-44.03	-56.22	-30.85	-29.11	3.18	-2.34	9.23	3.42	5.59	-1.22	-0.11
MRBLD1CB120_SIN		0.00	230.48	-160.05	11.06	285.35	10.95	74.40	56.10	-3.68	-13.61	47.41	-10.21	1.44	0.54	-6.45	-9.81
MRBLD1CB164_COS		-1961.90	-93.83	156.31	40.76	-55.51	-8.99	-7.04	26.93	-33.30	-5.71	0.86	10.11	7.98	5.01	18.85	-1.44
MRBLD1CB164_SIN		0.00	108.00	-56.70	14.74	119.21	12.95	11.34	9.59	-6.01	-27.51	55.78	-1.57	3.86	-0.20	-6.43	13.73
MRBLD1FB42P75_COS		3073.80	92.24	-396.30	535.63	-157.67	-83.75	-56.49	-274.28	-114.24	-51.00	80.71	34.54	20.55	15.76	-4.98	-52.47
MRBLD1FB42P75_SIN		0.00	-87.52	-7.47	64.73	108.43	75.71	51.55	141.27	-62.62	-90.21	-92.43	13.53	-7.42	-0.32	80.98	-2.62
MRBLD1FB70_COS		400.71	-1.09	-183.15	147.92	-61.54	-22.52	-2.32	-34.27	-1.14	2.76	-0.96	-2.16	-2.03	-3.45	2.88	13.06
MRBLD1FB70_SIN		0.00	-190.46	22.76	14.94	24.85	4.05	11.59	29.69	-2.51	3.60	3.52	3.00	3.46	0.46	-17.22	0.39
MRBLD1FB87_COS		-110.82	23.35	-153.49	48.75	-53.69	-24.21	-6.09	26.47	17.23	11.52	-11.64	-5.12	-2.48	-2.65	-1.55	6.43
MRBLD1FB87_SIN		0.00	-196.68	48.58	48.78	16.41	1.47	-6.03	-14.68	4.17	10.93	21.65	-2.87	2.96	1.90	-15.45	0.79
MRBLD1FB120_COS		-520.94	14.67	-236.00	16.26	-15.73	3.33	2.78	49.18	2.12	-8.68	-2.96	0.50	1.67	2.56	-1.79	-12.23
MRBLD1FB120_SIN		0.00	-252.47	96.62	129.27	33.89	4.01	-24.52	-44.13	7.06	-2.27	-11.26	-1.42	-6.55	-3.70	23.26	-1.68
MRBLD1FB164_COS		-142.10	28.89	-338.75	70.50	156.59	73.59	8.97	-79.36	-6.24	10.73	1.86	0.09	-0.93	0.79	2.88	4.88
MRBLD1FB164_SIN		0.00	-265.66	98.76	162.05	10.21	-19.55	20.94	53.47	-11.93	3.29	19.71	-1.47	2.69	2.56	-11.32	1.19

RUN	POINT	Harmonics															
61	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-135.26	-18.16	-193.16	29.95	122.20	51.11	-14.98	-75.51	18.64	15.66	-34.52	-2.70	11.63	7.22	-8.11	-16.00
MRBLD1FB180_SIN		0.00	-171.24	62.89	79.18	2.52	-15.98	25.31	57.10	-21.01	-5.75	44.37	3.26	-0.54	-7.73	27.05	0.06
MRBLD1TOR51_COS		-1326.18	69.01	-23.17	81.34	-13.28	-19.29	6.58	-24.48	11.66	5.09	-11.10	-2.50	1.88	1.43	-6.11	-0.62
MRBLD1TOR51_SIN		0.00	-1.47	5.86	20.33	13.14	-2.70	12.86	41.45	-2.49	-4.99	-1.87	-1.07	1.60	-0.77	2.94	-4.19
MRBLD1TOR71_COS		-139.98	80.24	-33.59	56.15	-0.99	-7.90	12.45	-8.55	11.36	2.71	-13.12	-1.95	1.93	2.78	-4.31	-1.47
MRBLD1TOR71_SIN		0.00	-11.32	2.20	4.12	0.27	-1.85	13.18	40.61	5.70	0.20	2.07	-0.63	0.70	-0.56	0.70	-2.71
MRBLD1TOR130_COS		107.18	70.48	-14.39	30.78	14.56	-3.97	10.72	-11.12	6.38	2.90	5.01	-0.02	1.42	1.09	-1.48	-2.03
MRBLD1TOR130_SIN		0.00	8.81	-1.03	-2.97	1.80	2.24	13.92	32.08	2.75	-0.73	4.19	7.19	2.17	1.60	-0.64	3.13
MRBLD1TOR164_COS		-133.65	41.33	42.59	3.75	-9.21	-16.05	-0.87	0.89	5.76	2.57	-0.67	1.27	2.20	3.29	-3.23	-3.83
MRBLD1TOR164_SIN		0.00	27.20	-7.48	-27.71	-4.32	1.79	11.69	18.45	2.94	-0.48	3.41	5.63	2.10	0.54	-1.15	-1.97
MRFBM2CB26P5_COS		-2076.52	-383.88	3.14	-82.37	-19.32	0.32	9.70	7.16	-0.13	-3.81	5.63	1.31	-0.42	1.72	-0.74	-2.08
MRFBM2CB26P5_SIN		0.00	-439.86	-12.74	-24.14	-1.19	0.16	6.59	-21.37	8.83	-1.42	-0.31	2.13	-1.21	-0.21	1.85	-1.13
MRFBM2FB9_COS		274.38	78.47	-121.51	78.73	-16.09	9.71	1.25	-5.34	2.32	1.61	-1.17	-0.17	1.13	-0.38	0.56	0.63
MRFBM2FB9_SIN		0.00	-259.22	78.54	116.11	-11.17	-3.44	2.14	29.45	-6.48	1.89	0.10	-1.12	-0.15	0.19	-2.97	1.06
MRFBM2TOR26P5_COS		-419.95	124.02	0.86	-0.15	0.05	-0.31	0.06	-0.36	-0.14	0.10	-0.16	0.11	0.04	-0.01	0.23	0.09
MRFBM2TOR26P5_SIN		0.00	36.11	-0.17	-0.54	0.27	-0.24	0.01	-0.31	-0.26	0.04	-0.02	-0.12	0.08	-0.03	-0.14	0.04

RUN	POINT	Harmonics															
61	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-709.60	-925.14	7.38	259.49	-68.89	-59.57	-19.48	-114.65	5.72	10.82	43.85	-0.64	2.52	1.15	-28.63	-9.78
MRPC1CB33P25_SIN		0.00	453.75	-25.07	-0.06	79.93	-18.02	11.61	0.62	-43.30	-17.16	-48.44	22.57	4.13	6.05	20.67	-11.83
MRPC1FB33P25_COS		2269.48	49.47	-332.76	425.53	-159.92	-91.91	-64.65	-267.84	-54.63	10.62	111.95	15.40	19.66	10.47	-77.05	-29.13
MRPC1FB33P25_SIN		0.00	73.80	-73.30	153.51	64.85	37.35	17.72	-3.58	-101.91	-92.21	-23.26	31.81	10.02	14.09	44.66	-49.12
MRPC1TOR25P5_COS		-939.93	-58.15	-10.75	-70.95	2.43	8.59	-16.55	12.28	-14.41	-3.82	20.82	2.28	-1.71	0.65	-8.65	-8.57
MRPC1TOR25P5_SIN		0.00	44.19	-49.93	5.22	0.26	7.17	-11.35	-48.04	-4.17	3.22	-1.69	8.39	-2.07	3.89	0.01	-1.77
MRPLK1LOAD_COS		-101.73	-0.59	0.43	-8.99	1.01	2.10	-1.73	2.98	-1.70	-0.71	2.93	-0.08	-0.38	0.19	-1.61	-1.61
MRPLK1LOAD_SIN		0.00	-20.29	-3.11	-0.90	-1.10	1.17	-1.89	-6.29	-0.29	0.14	0.25	1.44	-0.51	0.41	-0.88	-0.27
PITCHRH_COS		11702.34	-8766.05	-411.50	-121.20	-66.69	-199.81	7.85	-177.29	76.32	-18.46	32.97	-148.41	23.63	30.03	-27.42	-382.91
PITCHRH_SIN		0.00	2194.51	-539.05	67.99	-120.16	596.12	-10.88	10.72	-91.71	-98.38	-270.86	39.00	-2.65	48.63	50.39	219.22
ROLLRH_COS		4486.09	-2168.02	644.86	-78.34	-357.20	-1025.96	-136.80	-131.15	98.49	51.71	313.51	-80.01	-11.60	11.47	-43.43	-605.39
ROLLRH_SIN		0.00	-8558.07	-393.52	51.47	29.89	182.65	-93.64	-65.95	68.80	-32.64	-34.32	-115.73	-61.10	-60.28	-17.63	-456.45
TORQ_COS		30362.48	393.13	25.47	35.55	0.74	72.90	-2.80	10.58	-16.23	1.59	-9.43	-2.90	-0.41	-2.66	1.85	17.23
TORQ_SIN		0.00	693.31	-35.79	1.59	-126.29	54.89	1.38	56.46	-4.34	-3.34	-8.04	2.68	-3.75	12.24	-7.03	-16.44
THRUST_COS		5921.92	-153.74	1.52	23.47	-3.13	40.48	0.84	21.09	-3.82	-2.05	-28.87	-0.52	-1.32	0.30	13.32	17.03
THRUST_SIN		0.00	-101.83	16.47	-8.27	38.64	-27.48	-1.25	23.48	-0.29	2.87	21.44	-2.33	4.42	-0.20	-3.59	29.06

RUN	POINT	Harmonics															
61	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.42	72.61	-21.57	-5.33	51.17	52.56	8.09	3.73	-3.16	-2.26	-12.48	4.23	0.41	-0.56	0.94	18.00
SIDERH_SIN		0.00	208.20	14.61	7.22	-51.93	-72.37	5.08	0.83	-1.72	1.99	2.38	5.09	2.22	2.30	0.00	13.33
DRAGRH_COS		-143.67	220.12	17.71	-3.20	-5.12	24.75	-15.60	0.14	-2.63	0.40	4.77	5.85	-1.04	-1.00	1.33	15.14
DRAGRH_SIN		0.00	-68.21	25.29	-3.76	4.67	78.19	-4.65	-5.48	8.91	5.85	14.10	-7.94	-0.12	-1.04	-3.55	-9.03

RUN	POINT	Harmonics															
61	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-49.18	0.34	0.51	-3.44	-2.26	-1.01	-0.25	0.37	0.38	-0.02	0.02	0.17	0.07	0.19	0.10	0.08
ACT1FORCE_SIN		0.00	9.95	1.57	1.20	0.55	-0.35	-0.18	-0.40	0.12	-0.03	-0.03	0.01	-0.05	-0.19	-0.05	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		130.20	-12.13	-10.36	28.44	21.50	12.86	-0.02	-0.04	-0.02	-0.03	0.00	0.00	0.00	0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-75.87	-13.03	-9.91	-2.62	1.29	-0.05	0.01	0.00	-0.02	0.00	-0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		675.96	12.38	10.46	-28.46	-21.58	-12.95	-0.01	0.03	0.02	0.03	0.00	0.00	-0.01	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	76.07	13.08	10.18	2.84	-1.15	0.03	-0.02	-0.01	0.01	0.00	0.00	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS		-4762.18	-799.50	82.61	245.90	-118.76	-94.41	-28.99	-164.34	29.60	23.02	44.69	-27.40	-3.99	-6.65	-24.69	-13.90
MRBLD1CB42P75_SIN		0.00	552.92	-49.36	69.15	187.83	-29.27	30.89	28.40	-44.04	0.08	-76.23	20.10	4.30	0.76	11.35	-5.43

RUN	POINT	Harmonics															
61	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2853.05	-495.89	345.94	161.84	-104.54	-107.72	-57.25	-101.57	25.91	26.50	8.56	-20.71	-4.00	-11.55	-27.39	-6.39
MRBLD1CB70_SIN		0.00	379.69	-74.85	116.57	336.67	-28.37	69.97	66.77	-25.51	8.34	-68.33	7.75	8.85	3.38	8.17	-9.20
MRBLD1CB120_COS		-331.28	-209.56	464.47	161.76	-65.84	-56.07	-55.90	-40.57	-31.26	2.48	2.31	19.31	2.51	5.03	-0.46	0.51
MRBLD1CB120_SIN		0.00	277.38	-168.53	24.18	307.27	-22.17	78.28	91.75	-3.83	-10.57	43.11	-8.24	1.50	1.71	-5.02	-10.03
MRBLD1CB164_COS		-1971.78	-77.76	165.12	35.60	-67.39	-13.34	-5.85	31.50	-33.19	-6.08	6.68	21.10	8.30	12.10	19.02	1.82
MRBLD1CB164_SIN		0.00	114.16	-55.33	18.54	122.70	-1.23	13.66	20.91	-6.69	-24.82	51.27	2.89	0.99	-1.33	-2.33	12.78
MRBLD1FB42P75_COS		3115.12	24.73	-417.57	516.02	-115.77	-66.23	-58.12	-320.21	-115.30	-50.67	105.05	26.40	13.92	7.72	-9.60	-51.47
MRBLD1FB42P75_SIN		0.00	-88.69	-6.11	58.27	74.23	80.02	47.20	242.99	-75.91	-95.32	-107.38	12.88	-9.34	-5.15	50.01	8.48
MRBLD1FB70_COS		408.41	-4.15	-191.25	139.98	-51.30	-18.83	-2.65	-42.27	-0.91	2.98	-1.00	-2.44	-1.50	-2.24	4.13	13.70
MRBLD1FB70_SIN		0.00	-188.42	23.62	14.07	17.31	6.01	11.41	47.00	-3.42	4.07	4.56	3.68	3.59	0.94	-11.19	-2.56
MRBLD1FB87_COS		-113.12	18.76	-158.21	42.09	-49.15	-23.75	-6.75	31.22	17.92	11.91	-16.25	-2.35	-1.11	-1.11	-0.63	6.25
MRBLD1FB87_SIN		0.00	-200.28	50.43	48.63	13.06	2.96	-5.44	-23.50	6.08	12.08	24.42	-2.69	3.64	2.35	-9.63	-1.88
MRBLD1FB120_COS		-540.65	8.43	-234.29	12.66	-12.45	0.57	1.68	59.99	2.76	-8.35	-1.55	0.86	2.74	1.87	-2.74	-12.18
MRBLD1FB120_SIN		0.00	-271.48	95.90	123.06	34.92	3.27	-25.20	-69.38	7.50	-3.19	-13.55	-2.72	-6.47	-3.64	15.50	2.44
MRBLD1FB164_COS		-66.04	6.95	-351.23	73.77	147.51	68.88	12.91	-97.47	-6.54	10.19	-2.48	0.25	-1.42	0.28	2.38	4.48
MRBLD1FB164_SIN		0.00	-228.72	92.95	153.96	24.67	-28.16	23.15	87.13	-15.75	3.63	20.50	-0.95	2.48	1.37	-8.09	-1.89

RUN	POINT	Harmonics															
61	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-52.81	-30.28	-200.27	37.15	117.47	51.78	-13.21	-90.28	19.73	17.85	-45.18	2.81	14.49	6.72	-9.64	-16.74
MRBLD1FB180_SIN		0.00	-131.35	57.99	74.83	10.19	-23.43	22.18	84.02	-27.76	-9.09	45.81	0.38	1.88	-6.34	16.55	4.31
MRBLD1TOR51_COS		-1205.18	63.01	-35.86	75.93	-18.82	-17.07	9.51	-35.95	13.23	5.64	-12.02	-1.42	1.01	-0.73	-5.63	0.23
MRBLD1TOR51_SIN		0.00	70.32	1.66	20.90	6.14	-10.98	11.38	63.08	-3.41	-6.00	-3.06	-0.07	3.47	-1.54	-1.62	-5.53
MRBLD1TOR71_COS		-26.47	72.54	-45.33	52.23	-6.58	-6.08	14.81	-15.17	12.84	2.89	-14.63	-1.01	1.36	1.69	-4.18	-1.84
MRBLD1TOR71_SIN		0.00	55.91	-1.70	4.76	-5.97	-9.06	12.08	57.26	5.54	-0.35	0.65	0.11	2.24	-0.50	-1.66	-3.81
MRBLD1TOR130_COS		222.50	64.54	-25.24	29.19	6.43	-3.79	12.98	-17.29	7.42	2.82	5.75	-1.71	1.51	2.08	-0.89	-3.51
MRBLD1TOR130_SIN		0.00	78.91	-4.89	-0.96	-1.49	-3.97	13.01	46.40	2.98	-0.30	4.44	6.05	1.54	1.86	1.08	3.93
MRBLD1TOR164_COS		-51.80	41.73	36.88	2.69	-11.52	-16.15	-0.43	0.71	7.11	3.25	-0.85	1.08	2.53	4.51	-0.76	-5.31
MRBLD1TOR164_SIN		0.00	77.68	-8.70	-25.61	-7.42	-0.06	9.25	22.71	3.35	0.26	3.60	5.33	2.08	1.34	0.35	-0.10
MRFBM2CB26P5_COS		-2065.26	-389.45	10.91	-84.61	-19.80	-5.99	9.09	4.54	-1.74	-3.24	8.17	0.82	-0.58	4.02	-0.70	-2.85
MRFBM2CB26P5_SIN		0.00	-483.55	-23.79	-21.41	-2.34	5.02	7.21	-28.85	8.64	-2.23	-1.78	3.11	-3.16	-1.40	1.26	-0.98
MRFBM2FB9_COS		262.95	80.80	-125.25	87.87	-24.94	6.16	-1.15	-3.64	3.39	1.57	-2.07	0.20	1.45	-0.36	0.59	0.98
MRFBM2FB9_SIN		0.00	-237.10	96.41	110.19	-8.23	-2.02	0.33	35.88	-6.49	2.82	1.73	-2.18	0.22	0.24	-2.76	0.78
MRFBM2TOR26P5_COS		-419.99	123.84	0.88	-0.15	0.01	-0.31	0.19	-0.50	-0.09	0.06	-0.21	0.17	0.04	0.01	0.25	0.08
MRFBM2TOR26P5_SIN		0.00	36.99	-0.18	-0.50	0.27	-0.17	-0.06	-0.33	-0.29	0.06	-0.01	-0.16	0.10	-0.04	-0.26	0.05

RUN	POINT	Harmonics															
61	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-696.93	-730.90	-2.62	254.54	-84.09	-57.25	-14.57	-152.46	6.63	12.32	50.73	-11.12	0.82	-0.70	-21.38	-14.76
MRPC1CB33P25_SIN		0.00	509.92	-29.59	3.65	84.75	-13.07	9.33	16.42	-49.95	-18.45	-43.96	17.99	1.02	0.21	7.75	-8.89
MRPC1FB33P25_COS		2300.53	-10.80	-348.29	411.04	-118.68	-79.52	-64.04	-343.89	-50.71	13.88	138.06	9.12	17.24	8.76	-53.33	-40.24
MRPC1FB33P25_SIN		0.00	66.14	-75.42	144.43	47.59	44.66	13.19	56.30	-113.17	-95.96	-19.20	26.25	4.06	5.63	22.75	-41.79
MRPC1TOR25P5_COS		-1065.03	-56.24	4.79	-65.82	9.18	5.18	-19.36	21.69	-15.49	-3.87	23.12	-2.18	-1.01	2.96	-5.25	-14.24
MRPC1TOR25P5_SIN		0.00	-30.59	-49.16	3.12	8.93	14.75	-10.81	-69.83	-3.58	4.78	1.07	5.43	-5.12	4.39	3.89	1.32
MRPLK1LOAD_COS		-117.64	0.93	2.13	-8.19	1.82	1.80	-2.17	4.36	-1.80	-0.71	3.33	-0.76	-0.30	0.70	-1.06	-2.77
MRPLK1LOAD_SIN		0.00	-29.41	-2.56	-1.08	0.05	2.42	-1.70	-9.61	-0.26	0.35	0.50	0.99	-0.91	0.63	-0.02	0.05
PITCHRH_COS		11746.57	-9083.82	61.33	-72.85	-139.53	-90.16	45.63	-273.23	71.78	-7.94	56.05	-121.39	-13.66	77.21	-33.46	-422.98
PITCHRH_SIN		0.00	2281.56	-444.97	-1.24	-209.22	523.44	-116.75	72.54	-76.23	-109.79	-283.57	42.90	4.81	-75.38	71.76	234.83
ROLLRH_COS		4437.65	-2395.40	548.29	-35.69	-368.61	-1058.88	-68.73	-193.29	77.75	25.07	328.78	-85.95	-93.22	-92.21	-57.72	-718.42
ROLLRH_SIN		0.00	-8870.67	90.00	55.76	-179.28	317.55	-13.97	-95.66	63.28	-43.65	-15.32	-103.88	-147.94	-125.56	-36.69	-479.45
TORQ_COS		30750.18	549.35	37.26	60.18	79.97	71.78	0.60	34.26	-14.49	2.44	-14.37	-6.13	1.90	-5.34	2.99	19.84
TORQ_SIN		0.00	686.37	-47.06	-0.23	-170.90	38.38	0.57	76.45	-0.29	-2.15	-7.38	3.63	0.41	14.06	-6.94	-19.24
THRUST_COS		5918.12	-265.70	3.19	33.17	-23.07	34.70	-2.26	41.39	-0.90	-0.71	-36.76	-2.42	2.29	1.37	19.47	18.56
THRUST_SIN		0.00	-104.33	25.44	-15.22	44.97	-28.78	-3.88	23.16	1.00	3.46	24.04	-1.29	9.09	2.53	0.66	31.31

RUN	POINT	Harmonics															
61	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.37	88.49	-24.38	-5.33	76.81	47.11	2.54	6.15	-2.39	-1.24	-13.04	4.73	3.20	2.79	1.29	21.22
SIDERH_SIN		0.00	215.78	12.04	7.51	-26.33	-79.47	1.35	0.47	-2.15	2.18	1.51	4.40	5.19	4.64	0.14	13.95
DRAGRH_COS		-141.55	214.26	14.45	-6.82	-2.26	31.05	-10.71	-3.23	-2.60	-0.91	3.84	4.21	0.23	-2.32	2.28	16.70
DRAGRH_SIN		0.00	-68.83	33.80	-2.14	1.77	91.67	14.22	-8.28	7.29	8.35	14.14	-7.96	-2.32	4.85	-5.08	-10.02

RUN	POINT	Harmonics															
61	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		-2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-50.92	0.94	1.07	-3.14	-2.05	-0.94	-0.63	0.32	0.25	-0.05	-0.09	0.09	-0.04	0.13	0.03	-0.02
ACT1FORCE_SIN		0.00	8.74	1.58	1.18	0.52	-0.08	-0.05	-0.50	0.06	-0.12	-0.12	0.05	-0.12	-0.10	-0.11	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		33.39	-15.75	-15.35	26.22	20.31	13.01	-0.02	-0.02	0.02	-0.02	0.01	-0.01	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-65.18	-13.92	-8.35	-3.30	-1.74	-0.08	-0.02	-0.01	-0.01	0.01	-0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		773.23	16.16	15.52	-26.34	-20.47	-13.16	-0.02	0.02	0.01	0.02	0.00	0.00	-0.01	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	65.55	14.07	8.77	3.59	1.90	0.03	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.01
MRBLD1CB42P75_COS		-4737.18	-489.68	99.07	240.17	-149.55	-110.85	-22.17	-148.82	22.96	21.43	37.35	-15.98	-4.03	-10.26	-24.83	-6.85
MRBLD1CB42P75_SIN		0.00	610.99	-64.14	75.00	220.27	-40.60	26.93	36.64	-37.98	-9.62	-107.45	29.53	6.81	-2.01	-2.64	-0.56

RUN	POINT	Harmonics															
61	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2877.57	-300.64	373.02	159.47	-144.72	-133.16	-57.01	-92.78	22.31	26.97	4.31	-12.83	-3.97	-21.05	-27.24	0.90
MRBLD1CB70_SIN		0.00	424.38	-85.86	124.23	381.21	-51.34	76.31	69.44	-23.49	-0.96	-91.22	13.48	9.21	1.02	2.79	-6.72
MRBLD1CB120_COS		-294.41	-130.88	488.50	154.44	-91.62	-83.52	-62.88	-44.78	-29.31	5.03	8.74	13.05	2.14	4.03	0.31	0.98
MRBLD1CB120_SIN		0.00	307.06	-173.81	31.20	352.79	-50.03	93.03	95.66	-10.93	-7.00	59.83	-11.90	0.54	1.70	-4.36	-9.40
MRBLD1CB164_COS		-1982.25	-56.62	181.11	27.15	-77.69	-20.84	-10.84	24.64	-26.71	-6.33	8.31	16.34	7.45	17.46	16.84	-2.01
MRBLD1CB164_SIN		0.00	116.91	-52.95	22.26	137.52	-12.72	20.20	19.76	-13.17	-18.61	64.89	-1.64	1.02	-0.63	-2.22	8.38
MRBLD1FB42P75_COS		3145.92	-60.93	-443.38	484.43	-67.05	-80.28	-53.08	-291.55	-130.03	-58.98	90.24	32.87	13.71	1.63	-39.44	-33.30
MRBLD1FB42P75_SIN		0.00	-82.51	-3.71	77.12	88.94	71.36	26.84	253.60	-80.36	-97.53	-122.73	11.90	-9.62	-8.89	28.49	2.47
MRBLD1FB70_COS		414.28	-9.15	-201.22	129.58	-40.69	-24.77	-2.91	-36.94	-1.63	3.87	-0.32	-1.78	-1.33	-1.67	8.71	9.86
MRBLD1FB70_SIN		0.00	-185.21	24.43	21.53	25.97	4.75	8.08	48.60	-3.64	3.60	4.66	4.37	4.24	1.34	-7.34	-1.76
MRBLD1FB87_COS		-114.47	13.42	-164.41	37.87	-44.56	-24.64	-8.57	27.99	19.55	13.09	-12.79	-4.58	-0.88	0.51	5.25	2.09
MRBLD1FB87_SIN		0.00	-201.53	49.61	52.83	16.20	3.92	-4.01	-24.44	6.41	12.73	27.73	-3.04	3.65	3.71	-4.36	-0.75
MRBLD1FB120_COS		-553.98	-2.34	-239.03	11.10	-14.43	6.11	-0.48	52.15	2.93	-10.43	-4.52	0.81	1.68	-0.84	-11.50	-6.52
MRBLD1FB120_SIN		0.00	-280.35	92.62	128.40	31.46	5.51	-21.40	-71.92	8.08	-2.29	-14.97	-3.34	-6.87	-4.39	9.15	1.55
MRBLD1FB164_COS		9.72	-19.25	-369.77	72.47	126.53	70.23	11.60	-84.58	-7.82	13.00	1.35	-0.75	-1.60	1.23	6.63	0.80
MRBLD1FB164_SIN		0.00	-186.62	86.29	162.70	13.25	-30.08	19.54	89.00	-16.65	3.03	21.97	-1.59	2.04	1.80	-4.61	-2.38

RUN	POINT	Harmonics															
61	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		25.83	-48.05	-211.81	36.69	105.09	50.53	-15.80	-80.95	20.94	20.06	-39.14	-1.89	14.52	5.46	-20.31	-9.59
MRBLD1FB180_SIN		0.00	-88.43	53.80	78.54	4.14	-25.02	17.43	85.10	-29.47	-9.56	49.78	-2.47	0.02	-6.84	9.78	4.26
MRBLD1TOR51_COS		-1086.29	59.55	-46.77	67.44	-23.34	-11.80	17.24	-30.44	11.99	5.95	-11.14	-1.15	1.12	-2.14	-7.72	0.53
MRBLD1TOR51_SIN		0.00	143.52	-1.14	25.06	5.05	-19.14	11.39	68.55	-4.00	-7.84	-3.40	-0.47	4.85	-0.39	-6.25	-4.78
MRBLD1TOR71_COS		84.30	66.17	-56.61	45.43	-11.50	-0.58	21.45	-11.09	12.56	3.35	-13.68	-1.42	1.24	1.12	-4.78	-1.98
MRBLD1TOR71_SIN		0.00	124.97	-3.80	8.03	-8.57	-15.53	12.62	61.13	5.14	-1.39	1.78	-0.51	2.71	0.03	-3.39	-3.05
MRBLD1TOR130_COS		335.51	60.13	-36.74	25.90	-0.44	-0.38	19.17	-13.45	6.41	3.33	6.58	-1.15	1.44	2.67	0.66	-3.31
MRBLD1TOR130_SIN		0.00	151.61	-7.17	1.51	-3.64	-10.03	13.06	49.96	2.14	-1.65	3.46	7.04	1.23	0.90	3.64	3.51
MRBLD1TOR164_COS		27.19	43.40	29.97	1.61	-14.02	-16.02	2.18	1.64	7.16	2.87	-1.11	0.63	1.89	4.17	0.25	-4.54
MRBLD1TOR164_SIN		0.00	129.05	-8.28	-25.40	-5.34	-3.20	8.87	23.26	2.65	-0.17	3.14	5.12	0.87	-0.38	0.55	-0.35
MRFBM2CB26P5_COS		-2045.29	-388.69	15.89	-89.00	-21.18	-13.24	11.54	5.84	-2.27	-2.53	6.23	0.57	-1.24	6.49	0.30	-3.76
MRFBM2CB26P5_SIN		0.00	-505.41	-31.44	-19.00	-3.73	11.91	9.47	-29.36	9.97	-2.70	-0.01	3.69	-3.22	-2.39	2.61	-1.67
MRFBM2FB9_COS		236.24	70.52	-129.23	96.02	-42.57	4.91	-3.11	-1.97	3.37	1.23	-1.01	0.11	2.02	-0.45	-0.60	1.45
MRFBM2FB9_SIN		0.00	-218.90	111.17	109.66	-6.14	0.51	-1.20	38.53	-6.10	3.13	1.32	-2.61	0.39	0.80	-3.87	1.08
MRFBM2TOR26P5_COS		-419.92	123.99	0.84	-0.13	-0.07	-0.27	0.34	-0.59	-0.05	0.01	-0.23	0.15	0.06	0.00	0.32	0.03
MRFBM2TOR26P5_SIN		0.00	37.00	-0.21	-0.48	0.24	-0.09	-0.12	-0.30	-0.31	0.07	-0.06	-0.20	0.10	-0.05	-0.33	0.06

RUN	POINT	Harmonics															
61	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-672.35	-455.89	5.74	249.48	-98.34	-65.03	-8.00	-140.01	1.14	10.23	45.92	-3.84	0.73	-1.31	-22.69	-8.10
MRPC1CB33P25_SIN		0.00	555.96	-42.28	7.21	103.68	-18.25	2.56	24.80	-46.73	-24.77	-63.70	23.69	2.45	-2.92	-7.21	-3.95
MRPC1FB33P25_COS		2321.70	-88.67	-367.61	382.80	-82.11	-89.23	-53.21	-326.46	-60.03	9.68	136.00	14.34	17.06	7.15	-50.47	-24.41
MRPC1FB33P25_SIN		0.00	62.90	-78.00	154.24	72.10	33.51	-0.52	74.82	-123.66	-102.34	-39.15	29.59	3.17	-2.22	-14.02	-28.52
MRPC1TOR25P5_COS		-1186.36	-57.79	18.20	-58.39	14.63	-1.91	-27.00	16.39	-14.68	-5.05	21.60	-1.30	-1.89	4.63	0.66	-12.65
MRPC1TOR25P5_SIN		0.00	-107.70	-50.59	-2.46	12.79	21.35	-11.35	-75.72	-4.07	5.81	-2.43	6.69	-7.89	0.77	8.99	3.06
MRPLK1LOAD_COS		-133.05	2.09	3.53	-7.04	2.37	1.04	-3.21	3.57	-1.59	-0.84	3.10	-0.70	-0.50	1.00	-0.02	-2.70
MRPLK1LOAD_SIN		0.00	-38.85	-2.26	-1.80	0.50	3.60	-1.70	-10.49	-0.39	0.52	0.11	1.15	-1.42	-0.05	1.29	0.31
PITCHRH_COS		11984.87	-9398.55	557.97	-17.38	-264.56	188.30	32.56	-277.79	108.74	-31.05	78.34	-101.02	-20.52	174.01	-40.47	-390.40
PITCHRH_SIN		0.00	2416.23	-334.33	-76.72	-277.54	598.34	-278.35	89.90	-104.03	-124.64	-256.48	42.47	30.19	-116.05	103.72	264.27
ROLLRH_COS		4234.97	-2714.06	467.92	-33.56	-461.68	-1369.56	40.77	-201.77	102.95	-35.32	311.77	-73.38	-133.72	-115.09	-77.51	-715.06
ROLLRH_SIN		0.00	-9172.15	661.99	63.43	-391.91	521.17	-9.04	-98.92	81.24	-42.17	-30.21	-58.84	-130.29	-186.57	-48.05	-426.53
TORQ_COS		31335.54	708.26	56.05	81.85	144.29	75.43	3.94	24.87	-10.56	4.63	-11.91	-4.17	3.21	-8.92	3.84	18.52
TORQ_SIN		0.00	705.96	-73.87	2.31	-221.90	27.78	-2.33	68.93	-8.45	-3.36	-13.02	1.52	1.36	15.74	-7.95	-23.34
THRUST_COS		5877.33	-387.51	6.10	45.65	-40.99	34.38	-5.30	36.45	0.75	2.08	-33.94	-1.67	4.82	-2.56	24.48	15.15
THRUST_SIN		0.00	-106.01	35.22	-19.31	51.66	-24.12	-5.83	21.43	5.41	1.12	19.15	-1.66	8.44	3.93	1.84	28.76

RUN	POINT	Harmonics															
61	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-146.39	116.14	-26.48	-6.67	111.38	56.13	-5.16	7.37	-3.64	1.71	-12.38	4.05	4.68	3.49	1.66	20.94
SIDERH_SIN		0.00	217.75	8.11	7.44	-9.80	-102.15	-0.28	1.83	-2.95	1.56	2.25	2.69	4.62	7.06	0.24	12.41
DRAGRH_COS		-137.74	206.10	13.63	-9.90	-2.34	47.60	-2.19	-0.69	-2.63	2.15	3.40	4.03	-0.58	-5.39	2.60	14.76
DRAGRH_SIN		0.00	-70.34	42.47	-0.77	1.86	129.27	36.29	-12.49	7.22	11.03	11.70	-6.20	-3.28	7.62	-6.81	-11.17

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.48	-0.43	0.06	-3.74	-2.60	-0.97	0.06	0.59	0.29	0.05	-0.03	0.23	0.15	0.18	0.19	-0.02
ACT1FORCE_SIN		0.00	12.54	1.54	1.04	0.65	-0.90	-0.32	-0.27	0.18	0.03	-0.07	0.08	0.02	-0.07	0.01	0.18
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		397.20	-6.98	-3.56	31.13	23.41	11.57	-0.01	-0.05	-0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-94.26	-12.54	-9.33	-4.07	7.01	-0.02	0.00	0.01	-0.02	-0.01	0.00	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		408.42	7.05	3.59	-31.16	-23.46	-11.63	-0.03	0.05	0.02	0.03	0.01	0.01	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	94.43	12.58	9.38	4.12	-7.00	0.00	-0.02	-0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.02
MRBLD1CB42P75_COS		-4681.82	-1317.48	19.17	232.15	-58.68	-81.55	-42.21	-160.28	32.49	23.76	35.26	2.94	-0.67	-5.94	-51.96	0.14
MRBLD1CB42P75_SIN		0.00	364.16	-26.15	54.11	164.74	-6.40	24.03	-18.69	-51.66	-6.34	-77.25	41.92	11.60	11.40	24.62	-15.75

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2853.76	-818.12	291.06	139.10	-37.97	-72.67	-55.37	-107.19	23.82	25.15	2.82	4.11	2.29	-2.93	-40.99	0.69
MRBLD1CB70_SIN		0.00	258.11	-65.32	93.98	304.10	27.21	70.41	14.34	-34.27	-0.07	-59.42	21.03	5.94	8.31	18.46	-17.55
MRBLD1CB120_COS		-421.88	-340.72	421.72	139.04	-16.64	-22.09	-43.20	-34.83	-35.66	-3.71	2.80	3.86	3.96	6.60	-3.01	0.14
MRBLD1CB120_SIN		0.00	217.79	-162.23	16.75	290.48	45.50	82.82	29.68	-4.45	-11.94	42.48	-15.67	1.38	1.96	-6.20	-8.86
MRBLD1CB164_COS		-1960.21	-111.06	139.11	31.00	-45.30	-2.70	-1.70	36.26	-37.21	-11.41	10.19	4.85	3.95	5.12	26.28	-4.07
MRBLD1CB164_SIN		0.00	109.51	-59.70	17.50	123.43	26.53	23.09	11.38	-1.88	-23.46	44.60	-6.04	4.24	-3.24	-6.14	15.24
MRBLD1FB42P75_COS		3017.22	172.00	-411.37	488.55	-104.48	-74.16	-88.21	-358.27	-120.37	-54.18	69.96	43.81	29.19	22.36	-29.69	-49.95
MRBLD1FB42P75_SIN		0.00	-80.55	19.37	93.48	142.45	91.57	35.83	83.62	-74.35	-88.83	-111.45	18.91	-1.32	10.46	117.34	-25.80
MRBLD1FB70_COS		399.22	-2.70	-187.40	133.77	-43.96	-17.84	-7.69	-48.77	-2.35	2.39	-0.08	-1.10	-2.42	-4.25	8.20	12.47
MRBLD1FB70_SIN		0.00	-196.67	31.24	22.09	33.67	8.89	8.76	21.23	-4.41	2.66	3.04	2.57	3.53	-1.15	-24.65	4.87
MRBLD1FB87_COS		-100.76	25.18	-153.32	40.28	-45.42	-22.33	-4.07	34.94	18.21	12.30	-9.36	-7.68	-3.40	-3.52	3.41	5.76
MRBLD1FB87_SIN		0.00	-199.83	52.83	49.79	19.39	2.01	-4.74	-8.66	6.31	11.34	24.49	-4.91	1.38	0.00	-22.03	5.51
MRBLD1FB120_COS		-489.35	22.67	-235.78	4.63	-16.64	0.08	8.85	70.77	4.04	-7.43	-4.54	0.83	3.15	5.15	-7.50	-9.54
MRBLD1FB120_SIN		0.00	-250.52	102.75	121.90	32.12	-0.67	-21.50	-32.43	8.73	-1.24	-10.27	0.06	-6.87	-2.29	32.79	-8.60
MRBLD1FB164_COS		-213.65	53.09	-337.46	58.54	132.57	70.36	6.27	-105.89	-9.21	7.46	0.76	-2.70	-3.12	-1.80	5.05	2.55
MRBLD1FB164_SIN		0.00	-316.51	118.49	149.87	-2.42	-25.60	19.82	34.87	-17.24	0.48	18.56	-3.69	1.43	1.71	-14.79	5.67

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-217.03	0.70	-191.31	27.15	104.96	52.00	-19.02	-101.24	14.27	13.22	-33.84	-11.92	10.69	11.20	-14.59	-13.78
MRBLD1FB180_SIN		0.00	-220.08	76.18	71.42	-7.49	-17.76	23.62	40.88	-22.19	-5.94	49.14	-2.18	-5.60	-8.71	37.45	-9.30
MRBLD1TOR51_COS		-1445.25	72.58	-25.09	75.45	-12.40	-23.82	2.63	-45.14	8.89	3.00	-12.09	-2.25	3.88	3.39	-8.91	0.64
MRBLD1TOR51_SIN		0.00	-71.08	12.41	24.30	16.50	3.32	3.85	31.60	-3.76	-6.46	-1.85	-4.24	0.43	0.87	5.68	-5.67
MRBLD1TOR71_COS		-250.32	86.37	-32.40	53.02	-1.45	-12.08	9.57	-25.19	8.68	1.02	-13.59	-2.71	3.11	4.06	-5.83	-0.29
MRBLD1TOR71_SIN		0.00	-75.88	6.97	7.15	2.10	2.15	6.09	35.17	4.71	-1.27	2.65	-3.56	-0.50	-0.18	1.57	-3.44
MRBLD1TOR130_COS		-5.69	76.00	-10.66	30.44	12.86	-6.75	8.08	-25.05	4.94	1.66	5.29	-0.33	0.87	-0.40	-1.58	-2.08
MRBLD1TOR130_SIN		0.00	-59.04	2.20	-0.80	0.55	5.17	9.01	25.44	0.75	-1.87	4.09	8.99	3.60	0.81	-3.80	2.93
MRBLD1TOR164_COS		-212.31	41.14	48.44	5.19	-6.68	-15.56	-1.43	-4.30	5.38	2.68	-0.50	0.92	2.72	2.31	-5.33	-2.74
MRBLD1TOR164_SIN		0.00	-18.20	-9.00	-24.77	-2.74	4.98	8.76	17.23	2.26	-1.41	4.14	6.02	2.95	0.70	-2.84	-1.32
MRFBM2CB26P5_COS		-2044.15	-339.56	17.75	-73.32	-24.61	5.93	10.09	7.32	0.36	-4.85	10.25	-0.62	-1.70	1.13	2.07	-2.80
MRFBM2CB26P5_SIN		0.00	-453.39	-24.53	-28.15	-6.29	-0.76	1.95	-11.37	8.53	-1.16	-3.05	2.13	-0.76	-1.67	3.21	-1.57
MRFBM2FB9_COS		261.82	73.04	-135.36	44.90	-7.98	12.86	1.72	-13.35	2.08	2.56	-3.49	0.29	1.52	-0.28	-1.52	1.24
MRFBM2FB9_SIN		0.00	-226.96	94.07	114.42	-11.95	-6.80	7.78	18.20	-6.83	1.70	1.86	-1.21	0.04	0.70	-3.24	1.29
MRFBM2TOR26P5_COS		-420.10	123.69	0.86	-0.13	0.07	-0.32	-0.01	-0.14	-0.10	0.12	-0.20	0.14	0.03	-0.02	0.18	0.11
MRFBM2TOR26P5_SIN		0.00	36.56	-0.14	-0.58	0.39	-0.36	0.07	-0.32	-0.26	0.04	0.03	-0.09	0.05	0.01	-0.17	0.04

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-641.34	-1186.17	-56.74	244.61	-46.92	-60.85	-30.37	-142.32	9.99	12.64	40.81	5.27	3.00	-1.06	-47.76	-0.95
MRPC1CB33P25_SIN		0.00	352.65	-3.77	0.50	74.28	-7.89	1.86	-25.07	-51.89	-20.27	-49.94	32.26	9.54	11.22	21.18	-18.70
MRPC1FB33P25_COS		2223.59	119.78	-351.24	381.65	-124.98	-88.30	-83.42	-310.27	-53.40	8.05	114.14	18.71	21.63	5.02	-123.49	-6.29
MRPC1FB33P25_SIN		0.00	87.86	-52.30	169.37	104.80	53.89	-4.36	-82.33	-113.96	-92.86	-42.40	41.92	20.07	26.32	43.53	-59.78
MRPC1TOR25P5_COS		-817.02	-55.88	-13.15	-65.76	3.08	14.46	-11.97	32.16	-11.25	-0.57	22.04	2.75	-3.74	-3.41	-11.22	-5.79
MRPC1TOR25P5_SIN		0.00	115.58	-52.67	1.85	-2.22	2.30	-0.98	-40.67	-3.29	4.12	-1.18	14.23	1.76	2.78	-7.77	-1.40
MRPLK1LOAD_COS		-85.32	-1.64	0.53	-8.35	0.87	2.66	-1.11	5.95	-1.28	-0.35	3.14	-0.16	-0.60	-0.48	-1.85	-1.13
MRPLK1LOAD_SIN		0.00	-10.77	-4.07	-1.61	-1.58	0.31	-0.52	-5.08	-0.12	0.33	0.26	2.30	0.06	0.10	-2.47	-0.07
PITCHRH_COS		10929.37	-8499.88	-778.03	-118.59	-26.79	-178.32	-55.45	-58.07	36.46	-24.92	59.80	-128.55	-0.09	-34.66	-18.24	-446.63
PITCHRH_SIN		0.00	2025.49	-616.06	142.69	-46.76	422.13	36.95	68.45	-89.24	-80.51	-263.59	4.82	0.21	-1.17	11.03	252.47
ROLLRH_COS		4146.45	-1901.97	656.37	-50.17	-337.40	-1006.12	-131.64	-117.43	101.59	75.20	352.37	-47.31	-19.73	-25.78	-52.37	-702.96
ROLLRH_SIN		0.00	-8257.04	-838.10	-48.23	182.67	412.24	-222.65	-27.60	42.72	2.88	-20.57	-104.58	26.50	36.27	-7.38	-519.84
TORQ_COS		31154.19	242.42	3.07	3.64	-46.03	74.40	-1.71	23.13	-20.49	-0.32	-17.71	2.32	4.36	-2.55	0.66	14.61
TORQ_SIN		0.00	705.16	-15.22	0.18	-83.11	58.63	4.16	32.21	-6.31	-5.14	3.24	3.46	-7.42	9.30	-10.09	-16.48
THRUST_COS		5851.59	-56.53	2.10	5.67	11.21	38.12	4.30	19.46	-1.64	-4.36	-37.87	2.04	0.91	-0.11	7.07	19.47
THRUST_SIN		0.00	-101.21	7.08	4.79	30.83	-36.45	2.40	10.05	-1.59	1.70	31.05	-3.08	0.91	-0.60	-12.69	33.52

RUN	POINT	Harmonics															
61	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.11	60.94	-18.67	-1.39	27.45	44.63	8.91	1.33	-2.88	-3.66	-13.61	2.51	0.74	0.78	1.36	20.43
SIDERH_SIN		0.00	198.63	17.86	3.47	-73.02	-91.61	10.98	0.43	-0.83	0.48	1.47	4.78	-0.80	-0.63	-0.08	15.19
DRAGRH_COS		-152.15	223.91	17.19	0.91	-5.93	45.87	-12.27	-1.74	-1.97	0.20	2.34	5.94	-0.93	2.66	0.25	18.39
DRAGRH_SIN		0.00	-66.11	17.11	-1.24	9.48	91.47	-15.21	2.00	4.87	3.33	11.61	-5.04	1.01	0.34	-2.14	-10.30

Appendix F- Performance Static Data

SMART rotor performance data was obtained for several values of advance ratio, rotor shaft angle, and thrust. Rotor performance, defined here as rotor L/D, was studied by varying the 2P flap input from 0–1.5 deg at $\mu = 0.3$. The rotor performance data were obtained with the rotor trimmed for minimum 1P flapping. Two methods of achieving this were investigated: (1) setting flap actuator voltage to zero, and (2) commanding the flap deflection to zero. Both open loop and closed loop feedback control, using a continuous time higher harmonic controller (CTHHC) (ref. 11) were used to drive flap actuation. All test conditions for the performance study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices F and G contain performance data that *were* subjected to the control criteria.

Performance	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	2	0.075	n/a
	2	124	0.3	0.623	-9.1	0.075	n/a
	3	124	0.3	0.623	-9.1	0.075	2
	4	124	0.3	0.623	-9.1	0.09	2

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
55	125	5822	0.076473	0.623	0.809	2789	8464	106646	-144	-103
71	-9	10.21	-1.74	6.22	0.49, 0.51, 0.20	0, 107, -163	multiple(0, 1, 2)	50.55	1127.47	0.006897
	671	0.186	0.299	702	396	2084	0.00229	529	3.79567E-07	
55	125	5693	0.074796	0.623	0.809	1011	6477	106217	-149	-117
72	-9	10.21	-1.74	6.22	0.55, 0.55, 0.17	0, 107, -167	multiple(0, 1, 2)	50.58	1127.65	0.006871
	668	0.186	0.299	702	396	2084	0.00229	529	3.79663E-07	
55	124	2829	0.037111	0.623	0.809	766	4840	59258.1	-70	-58
73	-9	7.09	-0.82	3.81	0	0	0	50.23	1127.78	0.003827
	373	0.186	0.298	703	396	2085	0.00229	529	3.79732E-07	
55	124	2507	0.032872	0.623	0.809	-1570	-1821	57549	-73	-84
74	-9	7.14	-0.82	3.82	0	0	0	50.22	1127.6	0.003715
	362	0.186	0.298	703	396	2085	0.00229	529	3.8E-07	
55	124	4611	0.060523	0.623	0.809	3449	7282	86050.5	-98	-85
75	-9	8.98	-1.23	5.23	0	0	0	50.45	1127.43	0.005561
	541	0.186	0.299	702	396	2084	0.00229	529	3.79551E-07	
55	124	4336	0.056905	0.623	0.809	813	2259	84829.5	-105	-118
76	-9	8.97	-1.23	5.24	0	0	0	50.47	1127.37	0.005481
	534	0.186	0.299	702	396	2084	0.00229	529	3.79519E-07	
55	125	6186	0.081198	0.623	0.809	2018	7095	114530	-160	-121
77	-9	10.66	-1.95	6.64	0	0	0	50.56	1127.63	0.007402
	720	0.186	0.299	702	396	2084	0.00229	529	3.79654E-07	
55	124	6131	0.080452	0.623	0.809	453	5512	114584	-167	-135
78	-9	10.66	-1.95	6.64	0	0	0	50.52	1127.47	0.007403
	721	0.186	0.299	702	396	2084	0.00229	529	3.79569E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
55	125	6899	0.090656	0.623	0.809	5633	8954	128035	-158	-119
79	-9	11.41	-1.98	7.23	0	0	0	50.58	1127.73	0.008284
	805	0.186	0.299	702	396	2084	0.00229	529	3.79706E-07	
55	125	6780	0.089075	0.623	0.809	3782	6510	128230	-169	-141
80	-9	11.41	-1.98	7.24	0	0	0	50.68	1127.66	0.008295
	806	0.186	0.300	702	396	2084	0.00229	529	3.79666E-07	
55	124	5637	0.073958	0.623	0.809	2039	8564	104583	-140	-92
81	-9	10.09	-1.72	6.04	0	0	0	50.44	1127.71	0.006756
	658	0.186	0.299	703	396	2084	0.00229	529	3.79695E-07	
57	125	5649	0.074174	0.623	0.809	3384	7589	103975	-133	-74
54	-9	10.10	-1.59	6.05		0	0	50.28	1131.02	0.006722
	656	0.186	0.298	705	398	2084	0.00227	532	3.81417E-07	
57	125	5656	0.074274	0.623	0.809	1091	5008	105835	-163	-102
55	-9	10.19	-2.22	6.14	1.48	88	2	50.27	1131.09	0.006843
	668	0.186	0.298	705	398	2084	0.00227	532	3.81456E-07	
57	125	5726	0.075178	0.623	0.809	1008	6621	105717	-162	-87
56	-9	10.20	-2.19	6.21	1.48	58	2	50.23	1131.11	0.006834
	667	0.186	0.298	705	398	2084	0.00227	532	3.81463E-07	
57	125	5789	0.076055	0.623	0.808	3087	7348	105458	-148	-86
57	-9	10.20	-1.90	6.41	1.47	28	2	50.22	1131.29	0.006822
	666	0.186	0.298	705	398	2084	0.00227	533	3.81559E-07	
57	125	5736	0.075350	0.623	0.809	1217	7374	105539	-151	-82
58	-9	10.20	-1.84	6.47	1.48	-1	2	50.31	1131.18	0.006826
	666	0.186	0.299	705	398	2084	0.00227	532	3.81502E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
57	125	5705	0.074922	0.623	0.809	1121	6069	105657	-146	-95
59	-9	10.20	-1.61	6.52	1.48	-32	2	50.23	1131.24	0.006832
	667	0.186	0.298	705	398	2084	0.00227	533	3.81534E-07	
57	125	5648	0.074209	0.623	0.808	1178	3339	106680	-140	-122
60	-9	10.23	-1.41	6.63	1.48	-62	2	50.23	1131.36	0.006902
	673	0.186	0.298	705	398	2084	0.00227	533	3.81592E-07	
57	125	5673	0.074545	0.623	0.808	577	2217	107805	-143	-129
61	-9	10.28	-1.41	6.57	1.48	-92	2	50.29	1131.45	0.006975
	680	0.186	0.299	705	398	2084	0.00227	533	3.81640E-07	
57	125	5702	0.074932	0.623	0.808	2412	4336	107787	-135	-99
62	-9	10.28	-1.35	6.18	1.47	-122	2	50.23	1131.46	0.006974
	680	0.186	0.298	705	398	2084	0.00227	533	3.81646E-07	
57	125	5796	0.076205	0.623	0.808	4532	6427	107900	-126	-72
63	-9	10.29	-1.35	5.90	1.48	-152	2	50.20	1131.54	0.006985
	681	0.186	0.298	705	398	2084	0.00227	533	3.81690E-07	
57	125	5736	0.075440	0.623	0.808	6804	4485	107747	-110	-93
64	-9	10.29	-1.35	5.90	1.49	179	2	50.15	1131.62	0.006978
	680	0.185	0.298	704	397	2084	0.00227	533	3.81728E-07	
57	124	5820	0.076512	0.623	0.808	6494	5874	108455	-124	-85
65	-9	10.33	-1.64	5.89	1.49	148	2	50.10	1131.7	0.007020
	684	0.185	0.298	705	398	2084	0.00227	533	3.81771E-07	
57	125	5787	0.076050	0.623	0.808	6424	6333	107976	-126	-78
66	-9	10.33	-1.77	5.88	1.49	118	2	50.18	1131.56	0.006986
	682	0.185	0.298	705	398	2084	0.00227	533	3.81697E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
57	125	5779	0.075990	0.623	0.808	2769	6845	106771	-154	-77
67	-9	10.27	-2.11	6.07	1.48	88	2	50.26	1131.69	0.006913
	674	0.186	0.299	705	398	2083	0.00227	533	3.81765E-07	
57	125	5695	0.074930	0.622	0.808	2656	5483	106449	-142	-91
68	-9	10.27	-1.68	6.20	0.00	0	0	50.28	1131.97	0.006896
	672	0.186	0.299	705	398	2083	0.00227	533	3.81911E-07	
57	125	5849	0.076889	0.623	0.808	3721	8670	106239	-137	-46
69	-9	10.26	-1.56	5.88	0.30, 0.50, 0.34, 0.13	109, -150, -51, 149	multiple(0, 1, 2, 3)	50.15	1131.98	0.006876
	671	0.185	0.298	705	398	2084	0.00227	533	3.81918E-07	
61	84	5770	0.075244	0.623	0.747	921	9645	31720.1	-166	-169
20	3	4.26	-2.04	2.51	0.00	0	0	22.63	1140.28	0.002037
	202	0.124	0.200	710	401	2103	0.00226	541	3.86237E-07	
61	84	5790	0.075528	0.622	0.746	951	6797	31769.9	-165	-189
21	3	4.28	-2.04	2.51	0.62, 0.43, 0.12	0, 108, 138, 172	0,1,3	22.60	1140.38	0.002041
	202	0.124	0.199	710	400	2103	0.00226	541	3.86292E-07	
61	84	3000	0.039048	0.623	0.747	213	12387	22315.3	-92	-133
22	2	1.40	-1.14	0.80	0.00	0	0	22.46	1140.44	0.001430
	142	0.124	0.199	711	401	2103	0.00226	541	3.86319E-07	
61	84	3067	0.039925	0.623	0.747	214	12003	23207.4	-93	-136
23	2	1.58	-1.14	0.81	1.20, 0.44, 0.12	0, 110, 48, 158	0,1,3	22.57	1140.48	0.001487
	148	0.124	0.199	711	401	2103	0.00226	541	3.86343E-07	
61	84	4693	0.061087	0.623	0.747	-221	11468	26023.6	-136	-143
24	3	3.06	-1.76	1.75	0.00	0	0	22.67	1140.57	0.001668
	166	0.124	0.200	711	401	2103	0.00225	541	3.86387E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
61	84	4598	0.059866	0.623	0.747	-652	8815	26347.6	-137	-160
25	2	3.05	-1.76	1.75	0.78, 0.44, 0.12	0, 108, 95, 166	multiple(0,1,3)	22.70	1140.64	0.001689
	168	0.124	0.200	711	401	2103	0.00225	541	3.86426E-07	
61	84	6304	0.082158	0.623	0.747	1991	8055	33540.3	-175	-174
26	3	4.69	-2.11	2.71	0.00	0	0	22.78	1140.71	0.002152
	213	0.124	0.200	710	401	2103	0.00225	541	3.86462E-07	
61	84	6076	0.079171	0.623	0.747	1395	8732	33839	-172	-175
27	3	4.63	-2.11	2.71	0.42, 0.44, 0.11	0, 107, 151, 174	multiple(0,1,3)	22.76	1140.72	0.002171
	215	0.124	0.200	710	401	2103	0.00225	541	3.86467E-07	
61	84	6897	0.089872	0.623	0.747	1965	11254	36985.7	-198	-148
28	3	5.31	-2.32	2.93	0.00	0	0	22.78	1140.75	0.002373
	235	0.124	0.200	710	401	2103	0.00225	541	3.86482E-07	
61	84	6953	0.090575	0.623	0.747	1978	10224	36652.9	-199	-156
29	3	5.32	-2.33	2.93	0.26, 0.42, 0.10	0, 104, 163, 180	multiple(0,1,3)	22.73	1140.71	0.002351
	233	0.124	0.200	711	401	2103	0.00225	541	3.86462E-07	
61	84	7641	0.099586	0.623	0.747	1391	9552	43602	-237	-176
30	3	6.14	-2.64	3.55	0.00	0	0	22.79	1140.75	0.002798
	277	0.124	0.200	710	401	2103	0.00225	541	3.86480E-07	
61	84	7702	0.100377	0.623	0.747	1665	9226	43760.1	-237	-177
31	3	6.19	-2.64	3.55	0.14, 0.41, 0.10, 0.09	0, 105, 172, -167	multiple(0,1,2,3)	22.79	1140.71	0.002808
	278	0.124	0.200	710	401	2103	0.00225	541	3.86461E-07	
61	84	5794	0.075492	0.623	0.747	4066	11269	31342.6	-143	-152
32	3	4.26	-1.79	2.41	0.00	0	0	22.72	1140.76	0.002011
	199	0.124	0.200	711	401	2103	0.00225	542	3.86489E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
61	84	5774	0.075207	0.623	0.747	3602	8385	31472.6	-146	-172
33	3	4.26	-1.79	2.41	0.50, 0.44, 0.12	0, 107, 147, 171	0,1,3	22.73	1140.74	0.002018
	200	0.124	0.200	711	401	2103	0.00225	541	3.86478E-07	
63	124	6636	0.087498	0.624	0.810	-658	8913	121949	-206	-103
29	-9	11.15	-2.36	6.80	0.00	97	2	50.39	1121.13	0.007917
	764	0.186	0.299	699	394	2074	0.00230	523	3.76268E-07	
63	124	6766	0.089263	0.623	0.810	5414	9364	124427	-174	-104
30	-9	11.30	-2.36	6.80	1.48	89	2	50.39	1121.51	0.008083
	779	0.186	0.300	699	394	2073	0.00230	523	3.76466E-07	
63	124	6874	0.090671	0.623	0.810	5878	12285	124547	-173	-80
31	-9	11.34	-2.34	6.97	1.47	59	2	50.40	1121.52	0.008089
	780	0.186	0.300	699	394	2074	0.00230	523	3.76473E-07	
63	124	6850	0.090403	0.623	0.810	3643	9379	126454	-183	-116
32	-9	11.43	-2.34	7.31	1.49	29	2	50.42	1121.64	0.008217
	792	0.186	0.300	699	394	2073	0.00230	524	3.76537E-07	
63	124	6880	0.090833	0.623	0.809	3719	10847	125794	-181	-101
33	-9	11.40	-2.15	7.34	1.48	-2	2	50.36	1121.91	0.008178
	788	0.186	0.300	699	394	2073	0.00230	524	3.76678E-07	
63	124	6960	0.091723	0.624	0.810	5422	10599	127400	-161	-98
34	-9	11.47	-1.81	7.34	1.48	-32	2	50.44	1121.66	0.008267
	798	0.186	0.300	700	395	2073	0.00230	524	3.76547E-07	
63	124	6829	0.090151	0.623	0.810	1600	5371	130246	-183	-173
35	-9	11.55	-1.92	7.68	1.48	91	2	50.43	1121.77	0.008466
	816	0.186	0.300	699	394	2073	0.00230	524	3.76602E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
63	124	6877	0.090741	0.623	0.810	2516	7799	128449	-175	-126
36	-9	11.45	-1.78	7.26	1.48	-92	2	50.40	1122.13	0.008345
	805	0.186	0.300	700	395	2073	0.00229	524	3.76789E-07	
63	124	6904	0.091276	0.623	0.809	3505	9529	128195	-172	-96
37	-9	11.45	-1.78	6.88	1.49	-122	2	50.37	1122.13	0.008345
	802	0.186	0.300	699	394	2073	0.00229	524	3.76790E-07	
63	124	6920	0.091431	0.623	0.809	7886	10116	129082	-140	-88
38	-9	11.51	-1.63	6.73	1.48	-152	2	50.34	1122.11	0.008397
	808	0.186	0.300	699	394	2073	0.00229	524	3.76780E-07	
63	124	6932	0.091621	0.623	0.809	2833	6873	130582	-192	-129
39	-9	11.56	-2.22	6.81	1.48	178	2	50.20	1122.31	0.008497
	818	0.186	0.299	699	394	2073	0.00229	524	3.76885E-07	
63	124	7007	0.092599	0.623	0.809	5511	9652	128933	-177	-88
40	-9	11.51	-2.23	6.57	1.49	149	2	50.35	1122.4	0.008390
	807	0.186	0.300	699	394	2073	0.00229	524	3.76931E-07	
63	124	6803	0.089869	0.623	0.809	6297	8209	126741	-163	-120
41	-9	11.40	-2.27	6.85	1.48	118	2	50.26	1122.48	0.008244
	794	0.186	0.299	699	395	2073	0.00229	524	3.76972E-07	
63	124	6916	0.091402	0.623	0.809	4320	7116	129144	-185	-140
42	-9	11.54	-2.50	7.14	1.48	88	2	50.27	1122.74	0.008403
	809	0.186	0.299	699	395	2073	0.00229	525	3.77107E-07	
63	124	7004	0.092579	0.623	0.809	4693	8217	130977	-175	-136
43	-9	11.63	-2.10	7.35	0.00	-19	2	50.35	1122.9	0.008525
	821	0.186	0.300	699	395	2073	0.00229	525	3.77190E-07	

Appendix G- Performance Dynamic Data

SMART rotor performance data was obtained for several values of advance ratio, rotor shaft angle, and thrust. Rotor performance, defined here as rotor L/D, was studied by varying the 2P flap input from 0–1.5 deg at $\mu = 0.3$. The rotor performance data were obtained with the rotor trimmed for minimum 1P flapping. Two methods of achieving this were investigated: (1) setting flap actuator voltage to zero, and (2) commanding the flap deflection to zero. Both open loop and closed loop feedback control, using a continuous time higher harmonic controller (CTHHC) (ref. 11) were used to drive flap actuation. All test conditions for the performance study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices F and G contain performance data that *were* subjected to the control criteria.

Performance	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	2	0.075	n/a
	2	124	0.3	0.623	-9.1	0.075	n/a
	3	124	0.3	0.623	-9.1	0.075	2
	4	124	0.3	0.623	-9.1	0.09	2

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft^3	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 165	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque, in-lb	in-lbf	drag
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DAGRHR	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.61	-2.74	-8.98	-0.65	-0.72	-0.20	0.25	-0.09	-0.28	-0.08	0.11	0.04	0.06	-0.03	-0.02	-0.03
ACT1FORCE_SIN		0.00	17.32	-2.09	-2.71	1.30	0.28	0.19	0.48	0.21	-0.09	-0.07	-0.10	0.03	0.06	-0.02	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.80	12.19	75.37	9.28	6.36	3.13	-4.28	0.01	0.01	0.01	0.00	-0.02	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-132.39	16.79	27.00	-9.32	-3.04	1.24	0.01	-0.01	0.00	0.02	0.00	-0.02	0.00	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.76	-12.09	-75.54	-9.41	-6.33	-3.13	4.27	0.00	-0.01	-0.01	0.00	0.02	0.00	0.00	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	132.66	-16.67	-27.08	9.29	3.06	-1.25	-0.01	0.01	0.00	-0.02	0.00	0.01	0.00	0.01	0.00
MRBLD1CB42P75_COS		-864.63	-1730.64	517.35	-71.69	-136.96	-61.11	-63.52	-26.27	10.90	-22.37	10.31	14.64	-0.64	-5.04	0.73	-4.01
MRBLD1CB42P75_SIN		0.00	1425.17	33.17	119.44	237.44	-68.72	-20.06	-64.97	14.76	33.37	-84.42	5.06	12.33	4.80	-3.42	22.50

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4510.77	-1299.23	372.89	-148.18	-38.91	-55.47	-81.12	-26.54	9.26	-11.96	-19.58	10.93	2.37	-1.86	-0.39	3.80
MRBLD1CB70_SIN		0.00	1073.49	-83.33	194.67	351.08	-103.65	37.56	-39.51	15.45	36.65	-36.57	-3.27	6.20	0.18	-7.89	31.12
MRBLD1CB120_COS		-217.99	-764.50	290.66	-25.95	45.68	-30.60	-74.56	-1.51	-0.03	10.68	-5.23	-10.40	1.47	2.80	3.03	-2.55
MRBLD1CB120_SIN		0.00	777.38	-104.75	175.58	403.91	-82.91	64.34	-49.92	-25.47	-37.91	44.66	0.73	-0.91	0.00	-1.48	3.67
MRBLD1CB164_COS		-1984.45	-256.10	59.10	39.35	16.40	-29.18	-34.18	13.37	-10.21	9.41	16.98	-10.87	-2.52	-0.45	-4.52	-2.87
MRBLD1CB164_SIN		0.00	287.00	-34.54	93.82	171.83	-34.44	32.44	-4.41	-35.41	-49.73	32.74	8.67	0.39	3.27	9.43	-21.09
MRBLD1FB42P75_COS		2532.98	405.20	125.45	818.30	-38.72	-92.56	-107.48	-176.16	-81.45	-102.70	-5.12	10.35	0.74	0.63	0.20	37.39
MRBLD1FB42P75_SIN		0.00	-258.92	372.75	397.58	471.63	189.17	21.93	-198.24	-19.96	-63.09	-139.80	4.61	3.01	-6.31	-31.01	24.19
MRBLD1FB70_COS		615.56	104.40	43.01	234.90	-20.82	-19.64	-19.90	-19.49	-1.14	-0.52	0.36	1.00	0.74	0.93	0.58	-6.66
MRBLD1FB70_SIN		0.00	-249.22	158.23	99.93	133.04	28.89	3.14	-28.69	4.51	5.78	3.50	2.00	1.64	1.81	6.02	-5.35
MRBLD1FB87_COS		61.31	121.18	-16.24	119.38	-19.17	-12.54	-0.88	14.92	13.24	19.95	3.05	-1.40	0.86	0.47	0.45	-7.90
MRBLD1FB87_SIN		0.00	-306.26	116.74	56.66	50.28	3.84	-4.44	15.79	0.80	11.78	33.69	0.31	1.34	3.39	9.17	-1.84
MRBLD1FB120_COS		-309.34	147.89	-104.13	95.81	-13.55	-20.41	0.84	21.06	-6.87	-8.05	-6.92	-5.48	-4.19	-1.32	-0.54	12.58
MRBLD1FB120_SIN		0.00	-433.52	127.93	129.62	11.38	5.22	1.63	48.79	-3.24	-8.94	-15.96	-5.38	-5.81	-7.69	-14.79	2.68
MRBLD1FB164_COS		45.38	132.81	6.59	80.06	68.04	53.30	34.43	-18.48	3.43	10.27	4.06	1.81	1.39	-2.00	-2.56	-7.12
MRBLD1FB164_SIN		0.00	-554.30	212.85	244.25	-51.92	-40.06	-16.70	-69.70	4.73	13.69	25.07	1.26	2.94	3.04	5.94	-1.93

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-3.02	-16.21	50.36	10.95	53.46	52.79	19.11	-21.84	5.19	29.65	2.62	-15.83	-13.32	-6.52	-0.78	15.46
MRBLD1FB180_SIN		0.00	-393.90	148.91	142.45	-49.84	-18.75	-10.46	-63.87	4.22	24.89	68.46	-7.05	-13.50	-12.41	-18.25	3.00
MRBLD1TOR51_COS		-1478.72	179.22	67.97	38.04	8.04	-24.46	9.29	-24.34	-4.44	1.50	-3.15	-2.78	-1.43	0.66	4.07	2.16
MRBLD1TOR51_SIN		0.00	-125.46	156.11	86.95	19.05	11.15	-28.43	-34.56	-0.02	1.27	9.38	-2.46	-5.46	-4.97	-4.74	4.39
MRBLD1TOR71_COS		-304.78	199.43	34.70	19.59	18.98	-11.94	17.83	-18.55	-1.12	4.10	-4.48	-3.48	-0.80	0.76	2.43	1.23
MRBLD1TOR71_SIN		0.00	-119.40	130.26	44.50	-9.71	9.69	-22.99	-18.75	3.08	3.81	14.47	-2.73	-4.24	-3.38	-2.00	2.82
MRBLD1TOR130_COS		-47.78	175.02	39.25	-10.28	25.85	-3.93	15.31	-12.67	0.54	1.18	8.34	-1.22	-0.92	-1.02	-2.95	-2.08
MRBLD1TOR130_SIN		0.00	-87.79	76.65	28.19	-25.51	3.71	-16.01	-21.19	1.65	-4.47	0.78	2.45	2.58	2.22	2.91	-1.41
MRBLD1TOR164_COS		-269.44	93.62	28.84	-24.37	5.60	-8.56	2.01	-7.64	1.93	3.48	-0.17	-0.93	0.21	-0.02	-0.76	-0.77
MRBLD1TOR164_SIN		0.00	-17.96	13.96	-26.53	-9.50	6.94	-8.34	-7.00	1.36	1.08	3.11	-2.42	0.05	0.10	-0.30	-0.69
MRFBM2CB26P5_COS		1697.28	-1071.09	-245.92	-27.08	-53.04	-11.36	17.06	1.37	0.38	-5.71	12.38	-0.56	0.82	0.38	0.38	-1.04
MRFBM2CB26P5_SIN		0.00	-651.83	51.82	65.23	41.49	-7.12	1.79	0.26	1.78	-0.37	-12.29	1.06	-0.17	0.67	-1.27	-0.61
MRFBM2FB9_COS		648.17	-64.19	-211.51	-134.50	33.84	24.13	10.52	-0.28	1.86	1.68	-3.10	0.24	0.38	0.00	-1.02	0.97
MRFBM2FB9_SIN		0.00	-14.43	-196.08	-185.01	-57.34	-6.06	9.28	14.92	3.44	3.06	2.89	0.13	0.16	0.20	0.25	-1.55
MRFBM2TOR26P5_COS		-164.73	290.75	-3.23	1.19	-0.26	-0.46	0.96	0.26	0.13	0.18	-0.17	0.12	0.11	-0.01	-0.03	0.08
MRFBM2TOR26P5_SIN		0.00	1.60	1.09	-1.05	-0.43	0.20	0.12	-0.06	-0.11	0.04	0.09	0.18	0.07	0.12	-0.07	-0.04

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		417.70	-1315.81	433.20	-17.92	-119.19	-54.37	-59.29	-24.45	12.50	-13.68	15.98	12.13	2.25	-1.88	4.73	-4.76
MRPC1CB33P25_SIN		0.00	1258.81	14.96	57.09	157.62	-29.30	-26.34	-60.83	-3.38	-0.70	-70.35	5.13	7.35	3.60	-4.36	20.09
MRPC1FB33P25_COS		1804.46	324.55	-21.27	632.99	-126.78	-125.98	-97.11	-59.46	-47.03	-38.16	81.93	9.28	1.34	4.69	26.01	-0.93
MRPC1FB33P25_SIN		0.00	-22.19	296.07	467.92	392.16	123.99	-14.34	-238.71	-60.62	-102.82	-108.33	11.39	3.44	-2.49	-17.05	49.88
MRPC1TOR25P5_COS		-377.62	-100.85	-99.76	-0.97	-19.34	29.93	-11.44	22.77	6.45	1.95	14.25	5.05	1.72	-1.77	-5.43	-5.12
MRPC1TOR25P5_SIN		0.00	-132.47	-161.21	-78.15	0.58	-13.11	36.78	29.93	-2.01	-6.87	-16.27	5.66	10.99	7.64	8.18	0.59
MRPLK1LOAD_COS		-8.94	-16.92	-12.94	-2.04	-4.25	5.73	-2.72	3.47	2.13	0.39	2.35	0.22	0.16	-0.20	-1.11	-1.30
MRPLK1LOAD_SIN		0.00	-11.30	-22.39	-14.08	-0.42	-2.12	5.01	4.67	-0.07	-0.81	-1.62	-0.06	1.43	1.19	1.25	0.11
PITCHRH_COS		8464.36	-9370.90	-500.16	116.73	-9.05	-358.01	0.46	-160.95	86.63	19.65	127.23	-3.85	-4.63	20.08	-5.33	-134.29
PITCHRH_SIN		0.00	512.18	-688.26	-12.58	-22.68	979.71	-59.50	95.56	74.45	-31.85	-307.58	50.33	-20.10	1.46	-14.50	13.41
ROLLRH_COS		2789.13	-414.92	757.84	-35.27	81.49	-2442.19	34.82	57.30	132.13	137.10	235.05	-34.18	22.84	-77.19	88.39	157.01
ROLLRH_SIN		0.00	-9461.99	-440.10	130.36	284.69	778.51	-96.79	-80.30	-38.82	-5.00	4.24	-4.68	-33.07	16.10	8.69	213.43
TORQ_COS		106646.22	449.45	4.38	79.06	62.48	-28.37	2.83	11.51	-7.72	3.23	-28.59	-2.35	3.38	-2.85	-4.43	4.72
TORQ_SIN		0.00	1334.78	-53.52	116.45	-118.58	7.54	20.23	39.64	-4.24	-5.45	60.57	1.41	-3.60	5.92	-3.96	1.06
THRUST_COS		5821.69	-248.85	-2.38	25.68	-0.46	50.84	4.14	16.70	3.85	-7.19	-16.74	-7.56	-3.03	0.93	-1.14	-10.32
THRUST_SIN		0.00	-295.19	9.88	-2.92	24.25	-80.63	7.08	8.94	-4.23	0.56	59.39	-4.40	2.48	-1.00	4.54	-30.30

RUN	POINT	Harmonics															
55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.25	31.45	-15.52	4.82	-18.93	57.79	1.16	-1.36	-4.28	-5.99	-7.71	1.32	-0.75	1.94	-2.73	-4.32
SIDERH_SIN		0.00	218.38	3.69	4.33	-7.53	-129.29	-5.58	1.39	1.85	1.65	-5.80	0.74	0.98	-0.47	-0.59	-5.90
DRAGRH_COS		-103.18	213.79	9.22	-1.19	16.69	115.37	-30.11	-0.23	0.60	-3.77	-12.03	1.38	0.14	0.47	0.62	6.91
DRAGRH_SIN		0.00	-26.96	12.08	0.16	6.38	140.91	22.43	-3.88	-6.16	4.02	9.06	-3.20	1.17	-0.11	0.71	-1.33

RUN	POINT	Harmonics															
55	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.22	-0.20	-0.29	0.08	-0.03	0.01	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.55	-0.17	-0.10	0.02	-0.03	0.02	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.88	-4.72	-9.73	1.80	-1.37	0.54	0.52	-0.44	-0.19	-0.40	0.36	0.15	-0.09	-0.08	-0.02	-0.13
ACT1FORCE_SIN		0.00	18.79	-4.63	-2.14	1.59	-0.69	0.85	0.38	0.29	-0.16	-0.30	0.12	0.14	0.08	0.13	-0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.56	-0.18	0.14	0.09	-0.01	0.03	-0.04	0.00	-0.02	0.01	0.02	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.07	-0.17	0.06	-0.05	0.00	0.03	-0.03	-0.01	-0.03	0.02	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.15	-0.11	-0.08	0.02	-0.05	0.05	0.00	0.02	-0.01	-0.02	0.01	0.01	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.06	0.18	-0.10	0.02	-0.04	-0.03	0.02	0.00	0.03	-0.01	-0.02	0.00	0.00	-0.01	0.01
MRBLD1CB42P75_COS		-913.91	-2172.83	436.81	-43.25	-41.94	-46.75	-73.09	-1.53	9.97	-24.08	13.64	7.06	-5.69	-2.84	-0.90	-0.30
MRBLD1CB42P75_SIN		0.00	835.26	58.37	51.32	243.45	-55.21	-18.44	-63.70	37.58	40.91	-100.93	6.36	9.36	2.30	-3.03	21.06

RUN	POINT	Harmonics															
55	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4501.62	-1560.17	285.54	-59.96	43.10	-77.03	-110.43	1.52	12.30	-14.93	-25.36	7.11	-2.24	-0.88	-3.16	7.09
MRBLD1CB70_SIN		0.00	657.53	-74.72	122.08	330.72	-130.73	8.48	-35.84	27.94	43.52	-48.53	-1.82	5.57	-1.57	-7.98	29.62
MRBLD1CB120_COS		-231.68	-849.77	233.82	53.57	85.33	-78.81	-114.52	32.11	4.53	5.91	-3.23	-6.60	2.93	3.07	3.56	-1.06
MRBLD1CB120_SIN		0.00	590.42	-104.86	94.23	374.98	-131.04	-0.56	-41.20	-34.28	-43.69	51.23	2.63	0.00	0.65	-1.26	4.61
MRBLD1CB164_COS		-1977.11	-274.52	39.90	83.68	17.50	-52.27	-45.17	16.32	-6.17	10.24	25.19	-8.16	0.82	-0.01	-1.74	-4.99
MRBLD1CB164_SIN		0.00	250.58	-47.26	42.02	165.69	-63.25	-5.59	2.96	-46.43	-57.33	43.28	8.52	0.92	4.31	10.28	-19.74
MRBLD1FB42P75_COS		2488.49	533.33	190.26	771.32	-51.40	-54.17	-123.14	-96.30	-67.54	-116.93	15.52	7.76	-6.30	4.48	0.05	38.43
MRBLD1FB42P75_SIN		0.00	-164.79	438.03	149.82	451.24	238.35	31.27	-242.90	3.42	-55.77	-158.73	14.22	3.20	-9.76	-27.52	13.74
MRBLD1FB70_COS		602.63	99.75	62.57	230.30	-19.30	-12.17	-24.45	-6.11	1.14	-1.14	-0.31	1.54	1.62	0.56	0.29	-7.51
MRBLD1FB70_SIN		0.00	-254.06	174.75	13.35	131.01	41.34	4.31	-36.57	7.40	6.79	2.29	1.88	1.90	2.10	5.56	-3.51
MRBLD1FB87_COS		61.87	115.63	-6.29	123.65	-20.57	-12.85	-1.18	6.78	11.10	22.33	-0.98	0.00	2.98	0.09	1.00	-6.99
MRBLD1FB87_SIN		0.00	-298.52	120.70	4.88	55.69	7.53	-4.09	19.62	-3.24	10.56	37.59	-2.35	0.77	4.03	7.71	-0.46
MRBLD1FB120_COS		-296.44	139.97	-98.21	120.15	-12.59	-25.54	9.52	2.93	-10.28	-6.04	-4.27	-7.06	-5.50	-1.38	-1.20	11.71
MRBLD1FB120_SIN		0.00	-413.26	124.69	69.27	25.76	-3.77	-1.49	61.37	-6.97	-10.14	-15.75	-3.61	-5.91	-9.26	-13.08	-0.15
MRBLD1FB164_COS		-9.47	159.12	81.44	64.50	85.26	52.84	19.77	9.33	6.79	6.24	-0.63	5.04	3.93	-3.80	-3.14	-6.00
MRBLD1FB164_SIN		0.00	-622.21	270.28	206.88	-79.56	-44.06	-12.77	-88.97	11.43	15.21	23.15	-1.39	3.26	4.89	4.85	-1.11

RUN	POINT	Harmonics															
55	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-55.86	9.56	117.51	-7.86	61.47	55.06	8.10	-1.84	6.42	32.67	-4.74	-13.48	-12.81	-6.02	-0.69	15.21
MRBLD1FB180_SIN		0.00	-461.74	192.57	141.81	-75.65	-20.53	-2.03	-79.50	3.42	21.95	75.45	-10.81	-14.63	-12.55	-16.92	-0.02
MRBLD1TOR51_COS		-1553.23	211.64	151.88	-16.56	18.35	-26.22	21.60	-14.30	-5.63	0.59	-3.32	-2.94	-2.26	1.31	3.65	1.47
MRBLD1TOR51_SIN		0.00	-257.31	234.71	86.13	-10.73	28.31	-32.95	-37.34	-0.35	1.15	8.81	-1.66	-5.54	-5.20	-4.16	3.71
MRBLD1TOR71_COS		-371.46	236.56	116.56	-34.18	25.19	-14.63	29.67	-13.98	-1.14	3.77	-5.09	-3.26	-0.60	0.53	2.40	0.93
MRBLD1TOR71_SIN		0.00	-235.39	201.13	55.86	-35.51	23.79	-26.97	-21.39	0.52	4.56	14.35	-2.65	-4.45	-3.02	-1.62	2.56
MRBLD1TOR130_COS		-115.45	213.85	121.95	-61.10	29.48	-6.33	23.10	-6.64	1.31	-0.45	10.60	-1.91	0.28	-2.01	-2.33	-1.43
MRBLD1TOR130_SIN		0.00	-208.73	142.88	54.77	-48.64	15.43	-20.84	-24.46	1.10	-2.31	-0.20	2.00	1.77	3.27	3.03	-0.59
MRBLD1TOR164_COS		-311.01	119.21	80.98	-58.45	3.33	-10.08	4.94	-7.15	4.22	3.52	-1.71	-1.02	1.50	-1.14	-0.88	0.67
MRBLD1TOR164_SIN		0.00	-104.53	52.11	3.23	-21.34	16.34	-11.45	-9.58	-0.48	4.22	3.34	-3.79	-0.07	1.08	-0.53	-0.28
MRFBM2CB26P5_COS		1709.37	-909.23	-229.65	-3.11	-19.45	-7.52	13.34	-4.67	-0.13	-6.05	15.34	-1.24	0.70	0.30	0.32	-0.68
MRFBM2CB26P5_SIN		0.00	-513.05	47.95	62.72	43.76	-16.11	8.16	0.83	1.42	1.56	-13.55	1.10	0.24	0.01	-0.19	-0.89
MRFBM2FB9_COS		538.93	260.26	-232.41	-146.27	28.79	23.68	9.93	-5.35	2.20	2.15	-3.87	0.47	0.43	-0.16	-0.90	0.55
MRFBM2FB9_SIN		0.00	91.20	-240.66	-123.23	-55.27	-12.98	9.83	13.15	2.18	3.30	2.75	0.07	0.33	0.02	0.26	-1.42
MRFBM2TOR26P5_COS		-163.88	291.14	-3.09	1.29	-0.24	-0.84	0.73	0.36	-0.05	0.33	-0.34	0.13	0.12	0.04	-0.06	0.07
MRFBM2TOR26P5_SIN		0.00	-0.99	0.82	-0.82	-1.28	0.34	0.56	0.18	-0.13	-0.08	0.18	0.14	0.04	0.04	-0.10	-0.05

RUN	POINT	Harmonics															
55	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		358.93	-1707.64	365.28	-31.54	-55.07	-27.28	-59.68	-6.01	13.05	-14.32	21.13	6.08	-1.29	-0.19	3.15	-1.51
MRPC1CB33P25_SIN		0.00	827.90	36.71	8.90	168.88	-9.11	-24.64	-59.54	15.62	1.86	-80.93	8.26	4.75	1.44	-4.39	19.57
MRPC1FB33P25_COS		1768.32	424.31	15.04	638.69	-131.65	-109.68	-115.05	21.05	-46.53	-51.84	107.60	1.59	-3.11	9.69	23.94	8.68
MRPC1FB33P25_SIN		0.00	66.98	360.33	253.07	372.77	172.95	-13.40	-242.11	-35.98	-105.66	-110.58	14.91	-1.72	-1.69	-15.10	45.92
MRPC1TOR25P5_COS		-299.37	-145.76	-190.55	61.45	-27.40	30.98	-26.20	16.19	9.72	1.95	16.53	4.58	4.43	-3.54	-4.14	-2.02
MRPC1TOR25P5_SIN		0.00	-2.89	-241.22	-87.20	32.89	-29.11	38.88	32.70	-1.37	-5.31	-17.06	3.64	9.41	9.57	8.23	2.26
MRPLK1LOAD_COS		1.74	-22.87	-24.81	6.26	-5.59	5.90	-4.78	2.21	2.79	0.40	2.75	-0.09	0.82	-0.73	-0.86	-0.62
MRPLK1LOAD_SIN		0.00	5.13	-32.85	-14.52	3.89	-4.41	5.32	5.03	-0.56	-0.06	-1.77	-0.50	1.13	1.78	1.31	0.52
PITCHRH_COS		6477.01	-9273.38	-1175.10	314.38	38.69	-0.63	135.04	-71.25	27.25	40.83	26.49	-16.73	2.54	23.93	22.81	-145.20
PITCHRH_SIN		0.00	-257.24	-883.30	179.54	-76.93	1786.60	186.67	40.71	82.57	18.25	-278.04	0.22	-26.12	13.21	38.14	76.78
ROLLRH_COS		1011.38	55.25	1246.81	-214.78	452.57	-2922.28	-164.12	122.38	-32.06	125.32	210.72	3.90	26.65	-74.33	75.22	137.04
ROLLRH_SIN		0.00	-9482.12	-1114.70	419.43	231.25	669.25	-209.75	-17.40	-25.49	-63.07	-63.72	-42.98	-22.13	-8.85	-5.56	193.33
TORQ_COS		106216.68	-33.14	-29.52	-63.85	-56.36	-41.22	-6.29	36.08	1.56	-2.51	-38.21	-1.62	1.81	-1.92	-5.89	4.58
TORQ_SIN		0.00	1668.32	-59.47	376.92	-289.57	-32.92	10.75	39.59	-17.02	-7.52	67.96	0.21	-5.90	4.72	-4.66	0.68
THRUST_COS		5692.80	-98.96	4.58	51.23	5.98	52.75	3.42	26.81	0.94	-6.88	-21.75	-8.89	-1.00	-1.33	3.03	-13.07
THRUST_SIN		0.00	-512.46	0.85	38.06	43.01	-110.87	14.71	1.19	-1.48	5.93	59.15	-5.26	1.03	4.54	4.25	-27.37

RUN	POINT	Harmonics															
55	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.92	37.57	-30.22	11.52	-28.19	116.06	23.11	-2.56	0.27	-4.60	-5.97	0.23	-1.43	2.09	-2.40	-3.73
SIDERH_SIN		0.00	217.37	14.08	14.77	41.47	-134.26	-4.68	3.21	0.36	3.30	-3.23	3.30	0.58	0.00	0.44	-5.50
DRAGRH_COS		-117.18	219.48	19.46	1.36	22.61	-66.16	-52.77	3.62	-0.53	-4.94	-4.88	3.20	-1.24	-0.47	-0.52	7.20
DRAGRH_SIN		0.00	-35.52	2.54	-8.74	-13.60	134.08	-14.53	0.52	-6.87	0.28	9.18	-1.94	2.67	-0.86	-1.46	-4.59

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.76	-1.45	-6.16	-1.06	-1.51	-0.46	-0.38	-0.07	-0.10	-0.08	0.11	0.12	0.07	0.10	-0.02	0.01
ACT1FORCE_SIN		0.00	18.07	-0.83	-0.73	1.35	-0.33	-0.41	0.05	-0.01	-0.02	-0.10	0.04	0.10	0.08	0.07	0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		282.10	2.28	52.95	13.17	11.52	4.36	3.60	-0.03	0.01	-0.01	-0.01	0.01	-0.01	-0.01	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-147.49	7.94	7.27	-14.42	1.86	3.04	-0.03	-0.04	-0.01	-0.01	0.01	0.02	0.00	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		523.74	-2.11	-53.09	-13.25	-11.49	-4.40	-3.64	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	147.82	-7.81	-7.30	14.48	-1.83	-3.02	0.00	0.03	0.01	0.01	-0.01	-0.01	0.01	-0.01	0.01
MRBLD1CB42P75_COS		-2964.35	-1267.07	277.58	187.52	-14.82	-9.55	-32.34	-19.60	13.60	-8.88	23.03	-0.59	-5.90	-1.03	11.52	2.95
MRBLD1CB42P75_SIN		0.00	-139.61	12.70	89.85	178.81	5.87	6.99	-58.80	9.94	32.24	-119.53	29.25	8.37	-0.35	-12.71	20.01

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3406.99	-884.93	202.17	100.70	57.31	-4.98	-31.12	-12.72	17.34	1.24	-1.31	-0.54	-2.01	2.24	7.78	10.80
MRBLD1CB70_SIN		0.00	-61.32	-83.28	124.09	107.64	-37.12	26.23	-31.80	8.18	37.30	-38.23	15.76	3.78	-1.96	-13.70	23.18
MRBLD1CB120_COS		-543.08	-529.66	120.39	137.98	95.29	-23.23	-48.05	-12.08	-10.02	-4.50	-7.14	-2.05	3.64	1.89	3.00	-0.36
MRBLD1CB120_SIN		0.00	187.23	-149.86	98.74	137.49	-40.25	30.17	-29.64	-18.28	-33.87	63.90	-8.70	-1.38	-1.46	-0.65	5.19
MRBLD1CB164_COS		-1954.94	-170.97	21.24	100.64	33.53	-32.16	-27.37	-4.04	-17.91	-2.66	9.42	1.07	3.10	-0.81	-6.31	-6.38
MRBLD1CB164_SIN		0.00	99.13	-61.98	45.96	73.45	-24.26	5.30	2.66	-22.70	-47.80	31.49	-4.37	1.59	2.82	12.62	-14.99
MRBLD1FB42P75_COS		2271.05	363.42	-31.00	997.87	119.08	-46.24	-105.09	-172.62	-72.29	-107.17	-48.77	17.95	-5.21	-6.27	-7.21	44.99
MRBLD1FB42P75_SIN		0.00	128.18	269.17	51.06	599.41	219.66	99.27	-132.47	3.82	-39.37	-170.97	20.21	3.34	-9.68	-54.44	13.95
MRBLD1FB70_COS		410.79	93.26	15.50	311.29	25.47	-2.74	-12.55	-15.82	3.03	2.93	3.15	3.37	3.03	2.94	1.94	-8.42
MRBLD1FB70_SIN		0.00	-222.51	129.97	-5.56	156.41	35.45	13.38	-21.76	3.81	4.12	1.33	1.17	1.78	2.49	11.10	-3.94
MRBLD1FB87_COS		2.38	109.30	-3.84	160.83	-2.42	-8.89	-0.39	15.05	11.48	20.95	13.77	-2.29	3.14	2.67	2.58	-8.53
MRBLD1FB87_SIN		0.00	-256.12	106.49	8.16	61.35	7.09	-7.84	9.85	-2.28	7.67	41.87	-3.88	1.82	5.41	14.89	1.15
MRBLD1FB120_COS		-304.30	153.21	-47.23	135.01	-17.39	-28.70	-4.67	14.97	-11.19	-10.57	-11.57	-6.60	-7.09	-5.28	-3.65	14.22
MRBLD1FB120_SIN		0.00	-360.03	143.91	70.87	10.97	-0.52	-11.47	35.43	-4.82	-6.61	-17.48	-3.20	-7.10	-10.83	-23.22	-1.63
MRBLD1FB164_COS		-230.30	153.28	8.18	138.67	14.99	32.65	28.81	-14.33	12.30	11.41	9.38	1.58	2.22	-1.70	-2.32	-8.60
MRBLD1FB164_SIN		0.00	-454.02	219.51	160.97	-121.26	-48.26	2.67	-54.75	7.03	12.66	27.57	-2.88	3.75	5.86	11.18	-0.07

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-251.43	47.66	29.49	53.18	9.89	37.28	23.89	-19.07	10.20	30.84	19.33	-21.99	-16.60	-10.97	-2.80	18.56
MRBLD1FB180_SIN		0.00	-313.20	135.32	98.25	-90.08	-36.43	11.80	-44.57	0.36	14.78	83.81	-13.72	-13.18	-15.83	-31.26	-3.01
MRBLD1TOR51_COS		-1564.07	113.23	42.95	73.12	9.52	-18.28	27.53	-17.57	-5.50	1.51	-2.79	-3.32	-3.18	0.75	6.97	5.02
MRBLD1TOR51_SIN		0.00	-176.25	104.05	46.38	25.04	28.08	-20.23	-29.79	-0.81	-0.81	11.51	-3.94	-6.14	-7.96	-8.01	3.47
MRBLD1TOR71_COS		-336.78	131.78	26.27	38.24	12.14	-9.04	33.24	-11.18	-2.10	3.69	-3.32	-4.13	-1.24	0.99	5.34	3.47
MRBLD1TOR71_SIN		0.00	-142.98	89.36	22.68	-2.34	20.76	-17.59	-17.79	1.52	1.50	17.71	-3.58	-5.02	-5.52	-4.26	2.49
MRBLD1TOR130_COS		-82.66	117.46	37.30	-4.73	14.59	-3.37	26.04	-7.36	-0.17	1.07	10.62	-3.07	0.99	-1.16	-2.69	-3.35
MRBLD1TOR130_SIN		0.00	-127.37	56.35	18.89	-23.41	12.51	-12.40	-19.40	1.68	-3.76	-1.92	6.66	2.64	3.23	4.19	-0.15
MRBLD1TOR164_COS		-236.56	48.83	39.86	-34.40	1.37	-2.33	6.56	-4.88	1.86	2.56	1.10	-2.32	1.97	-0.27	-0.52	-1.54
MRBLD1TOR164_SIN		0.00	-72.05	3.06	-12.91	-0.96	13.82	-4.27	-8.57	0.22	0.51	4.22	-0.34	-0.26	0.89	-0.63	-0.34
MRFBM2CB26P5_COS		-239.51	-221.10	-100.14	-16.80	17.78	2.11	3.44	8.27	-0.21	-6.14	6.52	-0.45	0.20	-0.09	-0.34	-0.60
MRFBM2CB26P5_SIN		0.00	-440.61	30.80	11.05	36.41	5.47	-1.13	-0.44	4.45	1.58	-21.15	1.11	0.00	0.40	-1.63	0.24
MRFBM2FB9_COS		-623.00	181.65	-73.53	-217.81	16.28	22.49	10.88	2.62	2.28	1.61	-4.10	0.91	0.43	-0.11	-1.55	0.65
MRFBM2FB9_SIN		0.00	23.54	-141.80	-111.53	-78.00	-15.51	3.77	12.04	2.21	2.31	4.01	-0.74	0.10	0.24	0.58	-1.65
MRFBM2TOR26P5_COS		-299.98	174.36	-0.69	-0.25	-0.36	-0.21	0.69	0.08	0.05	0.30	-0.30	0.15	0.08	0.04	-0.04	0.06
MRFBM2TOR26P5_SIN		0.00	-17.05	-0.25	-0.22	-1.01	0.20	0.22	-0.08	-0.15	-0.06	0.17	0.05	0.01	0.12	-0.06	-0.05

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-862.44	-1132.80	237.56	180.51	-36.92	-18.12	-40.89	-24.99	1.95	-13.61	19.49	2.22	-2.80	0.58	13.50	2.50
MRPC1CB33P25_SIN		0.00	-21.13	13.39	49.09	191.40	24.83	4.31	-58.93	-0.65	-0.40	-103.85	20.37	3.18	-1.05	-13.47	19.06
MRPC1FB33P25_COS		1623.65	284.02	-157.09	837.70	-25.63	-95.95	-120.72	-87.50	-53.94	-56.13	67.36	2.60	-3.12	3.39	44.40	13.16
MRPC1FB33P25_SIN		0.00	330.13	189.51	201.61	524.24	159.92	49.50	-185.69	-38.71	-88.90	-159.16	25.49	-1.93	-12.12	-38.23	52.19
MRPC1TOR25P5_COS		-507.75	-97.20	-130.01	-25.68	-16.11	25.52	-26.92	15.09	8.33	0.29	15.31	2.47	6.62	-0.41	-2.63	-6.13
MRPC1TOR25P5_SIN		0.00	133.63	-109.97	-61.18	-8.01	-36.98	30.70	23.28	-2.52	-4.73	-24.80	11.66	9.00	9.57	9.78	4.04
MRPLK1LOAD_COS		-34.40	-16.22	-9.78	-5.34	-3.67	4.21	-5.05	2.65	1.75	-0.07	2.71	-0.58	1.17	-0.01	-0.67	-1.66
MRPLK1LOAD_SIN		0.00	10.80	-16.43	-6.95	-1.94	-4.82	4.24	3.39	-0.37	-0.63	-2.90	1.49	1.13	1.48	1.65	0.64
PITCHRH_COS		4840.28	-9642.56	-385.78	45.49	-19.40	147.51	-125.32	-6.65	-24.02	11.32	-53.97	3.53	15.94	38.10	-54.44	-35.10
PITCHRH_SIN		0.00	1305.57	-829.51	-5.48	16.51	2534.65	-0.63	42.84	91.44	-36.34	-282.91	14.50	-7.19	9.54	5.05	48.73
ROLLRH_COS		766.41	-1144.41	1080.48	-81.91	-124.34	-2946.40	-52.21	-10.17	19.81	113.07	232.33	12.91	2.71	-12.89	32.37	397.60
ROLLRH_SIN		0.00	-9580.29	-386.76	128.98	176.15	1040.36	-156.48	-91.06	-2.30	-7.25	-127.83	-31.22	-28.23	10.51	-21.28	213.44
TORQ_COS		59258.06	533.99	-4.10	41.43	-24.62	-99.88	0.92	-5.60	-6.17	-3.71	-1.43	-1.82	1.19	-0.26	-4.73	1.99
TORQ_SIN		0.00	1009.23	-32.87	46.50	-84.48	22.38	11.05	15.43	-14.40	-5.92	84.82	2.86	-7.51	4.66	-4.37	-1.72
THRUST_COS		2829.14	-274.39	-3.01	18.06	3.73	63.76	2.66	2.79	-0.56	-4.56	9.87	-1.61	-1.49	-1.96	-0.13	-22.63
THRUST_SIN		0.00	-261.53	-11.83	0.86	19.15	-104.71	8.04	6.61	-0.70	3.66	79.71	8.02	-1.93	1.73	8.18	-20.67

RUN	POINT	Harmonics															
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-69.95	43.93	-27.85	8.91	-7.87	94.62	0.70	-0.02	-1.17	-4.21	-10.35	-0.50	-0.17	0.37	-1.26	-11.58
SIDERH_SIN		0.00	224.86	8.88	3.13	-22.48	-156.58	6.96	2.75	-0.57	1.15	-0.69	1.22	0.74	-0.27	0.22	-6.07
DRAGRH_COS		-57.70	219.10	21.41	1.76	7.42	-82.13	-0.64	-2.55	-2.56	-5.20	0.61	0.56	-0.49	-1.96	2.88	2.21
DRAGRH_SIN		0.00	-36.76	1.16	0.17	11.92	73.85	6.05	-0.16	-4.19	5.03	13.28	-0.93	0.87	-0.23	-0.22	-3.08

RUN	POINT	Harmonics															
55	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.05	-0.22	-0.18	0.00	-0.05	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.62	-0.12	-0.02	0.03	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.55	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-17.34	-5.90	-5.26	0.25	-1.41	-0.12	-0.37	0.05	-0.07	-0.35	0.28	0.29	0.21	0.14	0.05	-0.03
ACT1FORCE_SIN		0.00	19.50	-3.26	-0.01	1.17	-0.83	-0.09	0.01	0.14	-0.22	-0.52	0.02	0.00	0.11	0.05	0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.56	-0.20	0.09	0.03	-0.04	0.03	0.01	0.01	-0.01	-0.01	0.02	0.00	0.01	0.00	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-0.08	-0.10	-0.02	-0.07	-0.01	0.00	-0.01	-0.01	-0.02	0.00	0.02	0.01	0.00	0.01	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.07	0.17	-0.07	-0.01	0.03	-0.05	0.00	-0.01	0.00	0.00	-0.04	0.00	-0.01	0.00	-0.01	0.02
FA1OBVOLTAGE_SIN		0.00	0.06	0.11	-0.02	0.06	0.00	0.01	0.00	0.00	0.03	0.00	-0.02	-0.01	-0.01	-0.02	0.00
MRBLD1CB42P75_COS		-3005.45	-2341.48	248.69	168.92	33.27	10.35	-56.84	-33.71	19.33	-10.73	-16.94	12.50	-7.38	5.42	-9.33	12.21
MRBLD1CB42P75_SIN		0.00	-454.30	-15.93	0.44	165.57	55.69	14.96	-103.54	12.71	35.18	-88.72	19.46	10.13	3.38	-12.07	13.77

RUN	POINT	Harmonics															
55	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3405.64	-1575.91	131.77	129.86	67.03	1.25	-33.38	-19.54	19.84	2.88	-35.25	7.03	-7.02	6.66	-10.01	20.11
MRBLD1CB70_SIN		0.00	-340.37	-113.43	20.35	116.59	24.49	28.77	-69.08	5.40	39.46	-7.27	8.50	4.37	1.37	-11.14	15.24
MRBLD1CB120_COS		-560.72	-791.75	41.92	181.63	88.21	-32.19	-35.89	-13.56	-22.89	-13.56	16.91	-5.90	3.03	0.54	2.53	1.53
MRBLD1CB120_SIN		0.00	45.69	-179.17	6.29	159.72	22.70	30.21	-42.13	-23.92	-33.63	41.03	-4.44	-4.53	-1.58	-2.52	5.16
MRBLD1CB164_COS		-1933.74	-232.73	-9.12	132.53	20.80	-38.38	-13.99	-4.22	-28.66	-11.34	43.95	-3.33	7.06	-2.92	6.19	-12.79
MRBLD1CB164_SIN		0.00	68.78	-77.24	-0.49	89.67	-7.11	6.63	17.83	-26.55	-48.58	4.50	-0.87	0.84	-0.80	11.07	-10.85
MRBLD1FB42P75_COS		2156.03	674.63	99.31	957.77	167.91	24.85	-122.26	-229.51	-69.29	-129.55	-53.40	24.24	-3.39	-2.56	-33.06	40.89
MRBLD1FB42P75_SIN		0.00	178.44	381.59	-195.49	519.43	299.62	140.27	-210.55	35.52	-7.85	-199.42	15.32	-2.04	-6.58	-19.36	-10.85
MRBLD1FB70_COS		386.83	90.84	65.31	300.37	38.92	13.87	-19.25	-27.84	3.14	1.51	1.69	2.66	2.08	1.84	7.41	-8.22
MRBLD1FB70_SIN		0.00	-227.01	159.90	-91.64	138.60	56.42	22.08	-37.95	4.89	4.27	1.64	-0.44	0.91	0.68	4.09	0.96
MRBLD1FB87_COS		6.35	107.43	29.55	161.31	3.23	-5.20	-0.04	18.86	10.46	25.21	14.97	-3.54	3.55	2.53	9.36	-6.39
MRBLD1FB87_SIN		0.00	-251.63	122.54	-43.12	58.07	9.99	-8.67	16.62	-7.34	1.73	45.14	-3.42	1.51	3.53	6.29	5.53
MRBLD1FB120_COS		-268.26	152.87	-17.64	156.01	-18.91	-37.30	4.68	31.14	-10.83	-8.46	-11.79	-6.90	-8.00	-6.17	-13.56	10.79
MRBLD1FB120_SIN		0.00	-336.93	159.85	7.26	20.96	-17.89	-16.79	59.24	-4.40	-4.69	-15.04	0.26	-4.40	-5.49	-10.14	-8.18
MRBLD1FB164_COS		-366.71	208.48	123.16	133.86	17.26	28.53	17.29	-35.76	13.43	10.87	8.32	2.56	4.33	-1.74	3.30	-6.19
MRBLD1FB164_SIN		0.00	-572.91	295.23	91.62	-137.38	-60.33	8.33	-87.87	9.80	13.13	26.82	-4.85	4.66	5.81	4.80	3.37

RUN	POINT	Harmonics															
55	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-388.23	93.44	116.01	42.78	8.78	44.65	17.31	-42.75	8.19	37.28	22.02	-24.55	-19.25	-12.86	-17.35	13.73
MRBLD1FB180_SIN		0.00	-430.94	182.41	73.03	-109.78	-39.67	22.77	-70.19	-3.44	7.93	91.84	-3.04	-5.28	-8.46	-15.65	-10.30
MRBLD1TOR51_COS		-1756.69	140.95	151.94	36.28	26.72	-26.03	19.56	-32.45	-12.03	-2.45	-2.67	-4.58	-5.58	-2.24	1.14	4.63
MRBLD1TOR51_SIN		0.00	-411.83	176.69	43.13	4.42	48.35	-24.53	-41.00	0.71	-5.15	14.00	-2.10	-4.91	-7.81	-8.09	1.77
MRBLD1TOR71_COS		-513.11	171.34	130.31	2.57	25.63	-18.11	27.10	-23.97	-7.75	1.33	-2.08	-5.01	-3.38	-0.24	2.23	3.13
MRBLD1TOR71_SIN		0.00	-362.86	155.18	31.48	-18.84	35.14	-23.91	-24.23	0.91	-4.02	20.65	-3.25	-3.32	-5.89	-5.18	1.24
MRBLD1TOR130_COS		-261.02	155.66	139.43	-36.88	24.47	-11.59	19.37	-16.95	-4.59	-2.92	12.56	-1.09	1.24	2.17	-0.32	-2.53
MRBLD1TOR130_SIN		0.00	-354.39	113.61	41.45	-37.11	23.00	-18.14	-26.74	2.62	-8.23	-1.37	2.98	3.35	2.92	3.50	0.65
MRBLD1TOR164_COS		-353.42	67.83	100.48	-57.71	7.26	-4.57	1.01	-9.51	1.47	2.29	0.52	-2.67	1.80	0.91	-2.55	-0.52
MRBLD1TOR164_SIN		0.00	-232.12	28.45	17.36	-9.07	26.20	-6.52	-11.84	-0.08	-1.16	6.81	-2.71	0.69	2.00	-1.07	-0.88
MRFBM2CB26P5_COS		-322.36	-19.60	-112.77	9.67	26.92	2.92	4.04	4.79	2.19	-6.94	10.10	-1.19	0.95	-0.44	-0.18	-0.63
MRFBM2CB26P5_SIN		0.00	-941.52	21.97	3.01	20.61	14.74	-7.51	3.99	2.04	3.59	-22.95	0.77	0.40	-0.29	-1.10	-0.24
MRFBM2FB9_COS		-817.33	804.52	-127.33	-230.32	7.23	19.07	14.86	1.44	3.17	2.73	-4.02	0.70	0.34	0.09	-0.16	-0.18
MRFBM2FB9_SIN		0.00	154.16	-212.04	-45.80	-71.52	-26.75	1.86	17.96	1.36	2.36	4.04	-0.71	0.08	0.05	1.21	-1.68
MRFBM2TOR26P5_COS		-298.72	176.54	-1.80	0.12	-0.73	-0.44	0.44	0.13	-0.07	0.45	-0.39	0.02	0.09	-0.06	-0.06	0.00
MRFBM2TOR26P5_SIN		0.00	-21.88	-0.79	0.10	-1.58	0.13	0.30	0.01	-0.02	-0.11	0.13	0.13	-0.09	0.09	-0.05	-0.05

RUN	POINT	Harmonics															
55	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-843.05	-1962.35	210.69	154.00	11.40	2.06	-66.74	-39.99	6.47	-19.56	-3.83	12.04	-4.49	5.69	-5.87	11.76
MRPC1CB33P25_SIN		0.00	-105.05	-33.94	-3.17	168.42	51.18	16.08	-88.21	3.30	2.18	-89.53	14.75	3.70	2.49	-13.62	13.74
MRPC1FB33P25_COS		1530.08	553.06	-73.38	844.26	31.09	-61.74	-147.93	-101.39	-66.03	-90.47	78.47	9.83	2.19	4.03	-1.77	35.19
MRPC1FB33P25_SIN		0.00	397.71	306.54	-11.88	471.29	244.03	75.78	-269.64	-12.84	-78.78	-181.31	23.64	-4.96	-6.29	-41.71	33.91
MRPC1TOR25P5_COS		-304.82	-131.69	-243.35	6.24	-32.04	29.98	-21.68	31.58	13.39	2.12	14.04	6.14	9.61	7.24	0.71	-1.98
MRPC1TOR25P5_SIN		0.00	381.44	-165.30	-66.89	13.99	-52.64	30.34	31.36	-4.86	-2.03	-25.83	3.68	8.69	9.75	7.40	3.15
MRPLK1LOAD_COS		-7.77	-22.74	-24.75	0.05	-6.25	5.47	-4.05	5.07	2.31	-0.01	2.83	-0.02	1.43	1.50	-0.08	-0.95
MRPLK1LOAD_SIN		0.00	41.53	-25.82	-7.16	0.90	-7.26	4.30	4.37	-0.64	-0.83	-2.35	-0.06	1.57	1.46	1.03	0.69
PITCHRH_COS		-1821.06	-9202.76	-641.14	384.49	-13.45	634.12	-65.29	105.86	39.15	-32.59	-167.19	34.75	23.53	64.06	-26.93	-52.18
PITCHRH_SIN		0.00	1004.32	-2003.26	12.71	-11.58	2493.12	48.13	66.52	47.93	-83.52	-138.46	20.72	-31.59	14.57	-12.04	157.32
ROLLRH_COS		-1569.71	-998.58	2564.74	34.56	-125.42	-2679.71	15.88	12.18	14.00	83.61	148.37	11.73	29.94	-55.79	-3.34	359.56
ROLLRH_SIN		0.00	-9177.36	-928.44	501.14	94.31	1714.20	-186.55	-36.17	-4.41	-38.54	-233.58	3.81	-23.98	27.44	8.13	1.25
TORQ_COS		57548.96	197.24	-23.56	103.09	-99.22	-112.90	1.32	24.29	-11.27	-4.61	-1.84	-0.72	-0.98	1.47	-6.03	-0.32
TORQ_SIN		0.00	1052.88	-19.46	242.53	-53.30	17.61	5.73	12.07	-9.76	-4.18	90.00	2.79	-6.18	7.22	-0.22	-1.05
THRUST_COS		2507.29	-80.88	25.77	58.22	8.81	36.32	-0.77	13.83	1.58	-7.26	18.08	-7.62	0.22	4.75	2.84	-25.38
THRUST_SIN		0.00	-325.09	-61.23	12.15	22.97	-149.43	8.25	-5.90	2.74	1.95	87.15	-6.42	0.79	-3.02	0.25	-5.74

RUN	POINT	Harmonics															
55	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-72.77	48.19	-71.12	13.90	13.74	50.97	2.98	2.06	-0.40	-3.42	-7.27	-0.55	-0.78	1.76	0.11	-10.75
SIDERH_SIN		0.00	224.34	27.93	12.95	-25.81	-198.52	4.46	4.25	-0.69	3.36	2.22	0.40	1.06	-0.48	-0.48	0.11
DRAGRH_COS		-83.79	226.44	38.54	-1.43	0.01	-82.13	-8.52	0.94	-2.09	1.00	6.57	-0.14	-1.41	-2.09	2.37	2.14
DRAGRH_SIN		0.00	-42.57	-1.78	-6.20	10.18	91.73	8.21	-2.97	-5.40	6.79	8.52	-0.60	3.44	-0.47	-0.23	-8.69

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.05	-2.41	-7.34	-1.25	-0.56	-0.55	0.53	0.04	-0.06	0.07	0.09	0.12	0.00	0.04	-0.06	-0.07
ACT1FORCE_SIN		0.00	17.39	-1.35	-1.89	1.37	-0.07	-0.18	0.49	-0.03	0.05	-0.21	0.11	0.03	0.16	0.08	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.37	8.91	64.55	12.44	6.77	5.31	-6.73	-0.01	0.01	0.00	0.00	-0.02	0.00	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-139.37	10.22	23.42	-10.76	-0.92	3.24	0.01	-0.02	-0.01	0.01	0.00	0.01	-0.02	-0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.33	-8.74	-64.70	-12.58	-6.74	-5.32	6.72	0.03	-0.01	0.00	-0.01	0.02	0.00	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	139.67	-10.05	-23.48	10.77	0.96	-3.29	-0.02	0.02	0.01	-0.01	0.00	0.00	0.02	0.02	0.02
MRBLD1CB42P75_COS		-1670.19	-1468.13	417.44	31.12	-123.78	-59.02	-54.15	-10.79	18.52	-25.29	19.92	2.03	-6.13	-3.60	10.93	-3.06
MRBLD1CB42P75_SIN		0.00	990.32	17.97	110.30	260.65	-32.59	-15.20	-86.83	15.83	40.37	-79.95	13.15	6.22	3.42	-6.58	21.10

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4094.22	-1073.58	302.30	-57.19	-37.00	-90.54	-58.85	-13.04	16.77	-16.06	-11.14	1.89	-3.43	-1.39	8.30	3.28
MRBLD1CB70_SIN		0.00	719.39	-96.46	178.87	310.39	-57.78	32.48	-57.46	16.46	44.46	-22.31	3.15	3.28	1.24	-9.19	29.28
MRBLD1CB120_COS		-342.10	-642.69	209.08	35.29	50.42	-104.11	-56.34	-3.29	-5.57	11.52	-7.65	-3.45	3.39	2.97	3.16	-1.94
MRBLD1CB120_SIN		0.00	553.38	-138.14	165.90	344.88	-42.63	58.63	-56.08	-25.55	-39.43	43.90	-1.98	0.80	-0.61	-0.39	4.41
MRBLD1CB164_COS		-1963.06	-207.85	39.26	64.61	22.40	-65.17	-27.64	4.20	-15.21	14.76	15.25	-2.41	3.39	1.20	-8.44	-1.21
MRBLD1CB164_SIN		0.00	206.08	-52.67	90.29	150.66	-22.31	25.22	-0.42	-35.15	-54.03	22.36	4.90	1.91	2.00	8.96	-19.59
MRBLD1FB42P75_COS		2400.54	364.95	28.51	941.72	87.26	-76.91	-112.35	-167.56	-79.18	-92.77	-14.97	11.25	-2.61	-0.44	6.77	39.80
MRBLD1FB42P75_SIN		0.00	-126.49	333.51	316.00	539.09	188.17	54.41	-233.68	-22.54	-63.31	-150.37	15.33	-1.63	-10.17	-47.61	25.26
MRBLD1FB70_COS		536.47	100.23	17.10	281.24	13.51	-15.49	-18.88	-17.45	-0.22	0.60	1.58	2.01	1.29	0.94	-1.35	-7.27
MRBLD1FB70_SIN		0.00	-227.86	148.32	77.12	150.87	31.24	9.18	-35.10	3.79	6.08	3.12	2.10	2.36	2.59	9.29	-5.81
MRBLD1FB87_COS		41.62	116.48	-20.04	143.27	-8.11	-11.55	-0.95	14.10	12.16	17.84	5.03	-0.98	1.90	1.03	-0.95	-8.01
MRBLD1FB87_SIN		0.00	-276.25	114.66	50.57	56.02	4.32	-4.93	19.45	1.35	11.34	35.36	-2.59	2.46	4.49	12.90	-1.80
MRBLD1FB120_COS		-307.56	152.26	-81.24	116.60	-18.81	-21.27	-0.12	18.32	-7.84	-8.22	-7.62	-6.38	-4.61	-2.33	1.33	13.01
MRBLD1FB120_SIN		0.00	-390.57	137.78	127.01	9.31	2.72	-6.44	55.69	-4.01	-8.68	-15.91	-3.94	-6.98	-9.34	-20.21	3.57
MRBLD1FB164_COS		-71.88	139.34	3.10	104.71	34.75	47.49	37.66	-15.12	5.99	8.93	4.51	3.29	0.69	-1.69	-4.12	-7.19
MRBLD1FB164_SIN		0.00	-501.23	221.88	229.75	-83.53	-28.83	-4.21	-82.21	5.84	14.11	23.46	-0.94	3.47	3.77	8.52	-2.26

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-108.21	9.16	38.59	29.62	28.34	48.01	26.85	-20.55	9.07	26.40	6.27	-15.85	-13.87	-6.36	2.46	16.87
MRBLD1FB180_SIN		0.00	-353.25	147.37	129.90	-66.51	-18.14	4.72	-73.56	1.54	23.04	69.28	-12.85	-15.00	-14.99	-26.18	2.80
MRBLD1TOR51_COS		-1519.29	154.89	46.27	61.91	16.58	-20.38	6.77	-21.69	-4.41	1.49	-2.66	-2.25	-1.82	1.74	6.75	2.83
MRBLD1TOR51_SIN		0.00	-143.76	130.73	70.74	29.01	5.63	-26.84	-41.03	-1.40	0.11	9.88	-3.67	-6.14	-6.61	-5.44	4.82
MRBLD1TOR71_COS		-322.46	172.52	21.33	34.93	22.57	-7.82	15.72	-17.47	-1.29	3.51	-4.07	-2.86	-1.14	1.92	4.61	2.09
MRBLD1TOR71_SIN		0.00	-127.59	110.07	33.42	-2.31	3.07	-22.38	-23.34	2.09	2.29	15.10	-4.61	-4.51	-4.06	-2.44	3.17
MRBLD1TOR130_COS		-66.31	151.21	30.89	-2.80	24.92	-0.80	14.37	-11.66	0.81	0.92	8.93	-2.38	-1.27	-0.98	-3.15	-2.24
MRBLD1TOR130_SIN		0.00	-102.94	65.97	18.61	-21.86	-1.07	-15.87	-25.10	1.95	-4.41	1.01	2.32	2.99	3.63	3.13	-1.42
MRBLD1TOR164_COS		-258.79	74.98	29.99	-25.24	7.92	-3.79	0.56	-7.64	2.62	2.23	0.19	-1.57	0.23	-0.56	-0.45	-1.16
MRBLD1TOR164_SIN		0.00	-40.97	7.07	-28.51	-2.32	2.97	-7.61	-9.23	1.80	0.66	3.90	-2.83	0.67	1.48	-0.59	-0.85
MRFBM2CB26P5_COS		817.12	-775.88	-178.88	-25.55	-30.60	-0.24	13.52	4.86	0.39	-5.81	11.73	-0.48	0.95	0.80	0.47	-0.47
MRFBM2CB26P5_SIN		0.00	-508.90	44.68	47.12	48.03	-3.28	0.21	1.25	2.35	-0.16	-15.13	1.24	-0.06	0.30	-1.20	-0.53
MRFBM2FB9_COS		132.01	23.51	-132.78	-174.07	20.37	24.82	11.82	-1.35	1.60	1.50	-3.32	0.72	0.22	-0.16	-1.50	1.01
MRFBM2FB9_SIN		0.00	-86.30	-172.71	-172.11	-70.43	-8.63	7.45	15.82	3.08	2.52	2.86	-0.13	0.32	0.21	0.08	-1.48
MRFBM2TOR26P5_COS		-218.80	241.86	-2.50	0.69	-0.18	-0.53	0.72	0.32	0.04	0.36	-0.26	0.06	0.15	0.02	-0.04	0.06
MRFBM2TOR26P5_SIN		0.00	-11.60	0.93	-0.95	-0.38	0.03	0.14	0.12	-0.11	0.04	0.05	0.22	0.07	0.05	-0.07	-0.05

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		66.08	-1203.24	351.50	61.53	-110.25	-41.47	-54.11	-14.56	14.45	-15.01	21.90	4.21	-1.65	-1.00	13.19	-2.98
MRPC1CB33P25_SIN		0.00	942.18	15.73	47.88	199.18	-10.17	-18.71	-79.57	-2.01	3.01	-72.97	10.76	2.41	1.95	-6.74	19.88
MRPC1FB33P25_COS		1706.11	290.16	-98.01	747.84	-37.67	-114.91	-112.84	-39.74	-44.22	-30.87	80.97	1.71	1.98	6.72	45.54	-0.82
MRPC1FB33P25_SIN		0.00	92.73	248.69	419.36	475.47	129.16	9.02	-265.00	-62.60	-98.81	-122.00	18.08	-2.68	-6.48	-21.17	52.56
MRPC1TOR25P5_COS		-433.87	-113.55	-89.62	-16.10	-20.64	22.65	-9.28	21.69	6.42	1.90	14.32	2.48	2.20	-1.29	-4.89	-4.86
MRPC1TOR25P5_SIN		0.00	-44.76	-140.26	-69.10	-4.16	-2.69	33.44	34.61	-0.49	-6.34	-16.81	6.07	10.87	10.82	8.79	0.82
MRPLK1LOAD_COS		-17.60	-18.15	-10.10	-4.76	-5.42	4.89	-1.93	3.09	2.13	0.11	2.32	-0.34	0.10	-0.03	-0.95	-1.33
MRPLK1LOAD_SIN		0.00	-1.79	-19.42	-11.02	-2.00	-1.30	4.79	5.36	0.31	-0.76	-1.61	-0.15	1.63	1.99	1.43	0.09
PITCHRH_COS		7282.12	-9429.52	-366.34	88.01	-78.96	-17.36	4.60	-96.13	47.66	-21.82	59.24	32.27	29.98	20.37	-27.87	-94.24
PITCHRH_SIN		0.00	812.60	-780.18	-33.18	10.29	1483.71	-17.81	10.58	-19.71	-41.81	-206.70	24.15	-43.24	7.09	-1.18	33.15
ROLLRH_COS		3448.74	-624.10	927.28	-55.10	-116.97	-2749.49	-147.52	21.11	96.05	126.14	187.20	-31.54	32.15	-13.19	52.62	217.67
ROLLRH_SIN		0.00	-9504.91	-286.69	114.94	282.04	1118.79	-122.83	-33.64	-30.07	1.09	-24.66	15.43	1.78	-2.41	-14.84	299.00
TORQ_COS		86050.50	487.39	-0.89	89.24	57.73	-72.32	7.41	-8.42	-9.75	1.31	-24.63	-3.59	2.49	-3.74	-4.19	3.09
TORQ_SIN		0.00	1157.28	-54.58	62.92	-165.30	17.74	10.46	32.29	-4.91	-4.80	68.87	1.80	-4.57	5.96	-4.57	0.63
THRUST_COS		4611.30	-242.81	3.88	21.90	-3.75	55.02	3.49	9.23	-0.13	-9.41	-5.53	-8.77	-6.44	1.75	-3.37	-11.22
THRUST_SIN		0.00	-264.25	-4.76	-9.10	32.56	-95.91	5.01	13.41	0.26	5.67	62.50	-6.22	-1.58	3.15	3.75	-27.27

RUN	POINT	Harmonics															
55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-97.97	33.30	-22.97	8.25	-6.28	59.58	11.15	-0.63	-3.77	-4.86	-6.82	0.25	-1.11	0.15	-1.73	-6.38
SIDERH_SIN		0.00	226.85	3.38	0.65	-36.53	-153.73	4.26	0.92	1.07	1.20	-5.51	0.08	0.15	0.22	0.21	-8.65
DRAGRH_COS		-84.80	217.74	17.29	-1.03	9.73	69.66	-14.92	0.82	-0.13	-0.78	-8.41	1.34	-1.48	-0.21	1.23	5.88
DRAGRH_SIN		0.00	-29.87	9.71	-1.62	8.48	131.00	-10.27	0.95	-1.40	3.88	8.91	0.20	2.43	-0.07	0.89	-1.68

RUN	POINT	Harmonics															
55	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.57	-0.20	-0.25	0.03	-0.04	-0.01	0.02	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.58	-0.14	-0.07	0.01	-0.03	0.00	0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.60	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.23	-5.08	-7.84	0.67	-1.35	-0.05	0.67	-0.01	0.03	-0.29	0.28	0.24	-0.02	-0.01	-0.04	-0.12
ACT1FORCE_SIN		0.00	19.08	-3.81	-0.98	1.08	-0.96	-0.01	0.44	0.26	0.06	-0.39	0.21	0.16	0.14	0.14	0.02
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.55	-0.20	0.12	0.07	-0.01	0.04	0.00	-0.01	-0.02	-0.02	0.03	-0.01	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.07	-0.13	0.01	-0.06	-0.02	0.04	-0.01	0.00	-0.03	0.00	0.01	0.00	0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.07	0.16	-0.09	-0.05	0.00	-0.06	0.00	0.01	0.01	0.02	-0.03	0.01	0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	0.05	0.15	-0.05	0.04	-0.01	-0.04	0.00	-0.01	0.03	-0.01	-0.01	0.00	0.00	-0.01	0.01
MRBLD1CB42P75_COS		-1792.64	-2260.30	358.30	31.76	-1.18	-24.99	-72.19	11.36	25.75	-15.79	-25.67	3.04	0.82	2.06	-2.36	5.94
MRBLD1CB42P75_SIN		0.00	305.56	4.47	24.36	203.26	9.59	-0.06	-79.41	36.51	49.21	-72.10	3.69	9.59	4.91	-6.46	19.52

RUN	POINT	Harmonics															
55	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4054.92	-1572.29	210.76	6.72	87.41	-69.67	-78.78	15.80	21.87	-3.79	-47.39	-0.55	1.45	2.61	-4.87	15.56
MRBLD1CB70_SIN		0.00	229.24	-107.60	73.95	212.74	-23.24	18.36	-56.00	25.51	48.30	-11.04	-2.87	4.37	1.36	-9.32	25.59
MRBLD1CB120_COS		-368.45	-822.35	137.17	103.09	131.50	-98.96	-75.97	23.78	-13.93	1.58	18.29	-2.51	1.02	2.11	2.82	0.41
MRBLD1CB120_SIN		0.00	337.82	-148.02	61.40	252.89	-22.57	8.92	-55.22	-43.30	-43.92	31.18	2.93	-2.72	-1.73	-1.72	5.41
MRBLD1CB164_COS		-1949.16	-249.60	13.83	102.26	42.32	-66.86	-24.90	4.32	-22.10	2.97	47.18	0.62	0.67	0.36	2.04	-9.30
MRBLD1CB164_SIN		0.00	160.06	-64.41	30.24	122.71	-21.38	-4.79	1.98	-51.07	-57.29	8.94	8.81	0.80	0.87	11.23	-18.05
MRBLD1FB42P75_COS		2324.44	592.12	156.52	895.83	77.67	-24.99	-133.92	-112.59	-75.59	-111.39	-38.52	16.09	-1.23	4.10	-12.09	40.59
MRBLD1FB42P75_SIN		0.00	-19.00	396.06	46.51	489.75	244.59	94.27	-245.36	1.73	-23.65	-168.01	8.91	-1.70	-9.25	-24.98	6.33
MRBLD1FB70_COS		508.71	92.98	64.84	270.27	16.40	-3.70	-25.07	-8.65	1.26	1.02	0.97	1.95	1.49	0.41	2.71	-8.01
MRBLD1FB70_SIN		0.00	-243.83	161.34	-17.58	135.83	46.00	16.17	-40.08	5.25	6.90	4.07	1.91	2.14	1.82	4.98	-1.88
MRBLD1FB87_COS		37.19	110.31	9.12	144.36	-5.57	-10.77	0.01	8.12	10.77	21.30	11.52	-1.27	2.12	0.58	4.32	-7.05
MRBLD1FB87_SIN		0.00	-277.59	117.06	-8.18	56.94	8.49	-6.17	19.71	-3.47	3.95	37.27	-1.39	1.95	4.17	7.52	1.68
MRBLD1FB120_COS		-287.44	143.44	-64.43	137.48	-14.44	-29.63	13.08	5.46	-8.58	-8.74	-9.24	-6.69	-5.89	-2.90	-6.39	11.83
MRBLD1FB120_SIN		0.00	-373.44	135.90	50.95	24.45	-7.11	-11.89	65.42	-2.97	-7.06	-15.09	-2.75	-5.96	-8.49	-12.12	-2.53
MRBLD1FB164_COS		-165.45	174.77	98.20	105.39	46.07	47.83	15.60	2.59	9.18	8.85	7.86	4.27	3.12	-2.96	0.20	-6.29
MRBLD1FB164_SIN		0.00	-588.34	268.13	162.59	-103.54	-47.85	-4.47	-96.48	6.93	13.66	23.56	-1.79	3.98	4.86	5.04	0.26

RUN	POINT	Harmonics															
55	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-201.11	43.32	117.09	24.61	34.03	55.46	8.98	-7.83	8.41	32.48	17.96	-16.84	-17.16	-7.76	-6.80	15.17
MRBLD1FB180_SIN		0.00	-439.61	179.22	111.90	-86.81	-29.08	12.21	-83.15	-0.91	13.56	74.37	-5.53	-10.03	-11.36	-16.41	-3.39
MRBLD1TOR51_COS		-1646.67	181.90	151.01	17.51	20.81	-21.02	-0.39	-8.87	-6.90	1.91	-2.05	-3.21	-4.11	0.98	3.35	2.30
MRBLD1TOR51_SIN		0.00	-326.89	200.86	72.36	-3.52	32.70	-25.59	-38.68	-2.56	1.23	11.23	-0.79	-5.48	-6.50	-5.65	3.03
MRBLD1TOR71_COS		-437.56	209.56	121.67	-8.97	22.24	-10.88	9.21	-8.69	-2.79	4.72	-1.75	-4.05	-2.59	1.09	2.82	2.07
MRBLD1TOR71_SIN		0.00	-292.39	174.48	48.37	-27.43	24.72	-22.75	-22.94	-1.36	2.86	16.77	-1.76	-4.36	-3.95	-2.62	2.05
MRBLD1TOR130_COS		-182.60	189.04	128.04	-43.18	23.39	-3.32	5.12	-4.19	-0.28	-0.56	9.52	-2.03	0.61	-0.56	-1.92	-1.11
MRBLD1TOR130_SIN		0.00	-273.52	125.32	48.70	-42.10	17.04	-16.87	-26.69	-0.25	-1.86	-0.90	2.63	2.57	4.18	3.87	-0.13
MRBLD1TOR164_COS		-331.60	97.55	87.88	-53.74	5.03	-4.26	-6.50	-6.40	3.49	2.78	0.05	-2.15	1.19	-0.85	-1.92	0.92
MRBLD1TOR164_SIN		0.00	-162.86	40.90	6.58	-13.77	18.84	-5.82	-11.69	-0.27	1.94	4.53	-2.68	0.33	2.27	-0.49	-0.30
MRFBM2CB26P5_COS		811.92	-508.06	-168.57	10.22	8.95	-6.42	8.27	-0.22	2.14	-6.75	12.45	-0.14	1.10	0.09	0.20	-0.65
MRFBM2CB26P5_SIN		0.00	-714.03	37.84	33.73	34.82	-9.02	0.48	4.88	3.18	3.06	-17.07	1.17	0.78	-0.16	-0.10	-0.37
MRFBM2FB9_COS		-37.51	522.93	-190.73	-186.23	13.62	21.73	13.36	-4.84	2.40	2.59	-2.62	0.46	0.29	-0.08	-0.68	0.36
MRFBM2FB9_SIN		0.00	51.72	-213.29	-104.72	-65.07	-16.85	5.70	14.26	2.41	2.08	3.79	-0.01	0.10	0.11	0.66	-1.48
MRFBM2TOR26P5_COS		-218.41	242.73	-2.47	0.60	-0.12	-1.00	0.46	0.33	-0.10	0.47	-0.26	0.09	0.14	0.09	-0.02	0.01
MRFBM2TOR26P5_SIN		0.00	-17.38	0.37	-0.23	-1.65	0.35	0.43	0.38	-0.09	-0.05	0.07	0.15	0.02	0.04	-0.13	-0.05

RUN	POINT	Harmonics															
55	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-78.07	-1845.21	303.59	34.79	-35.79	-10.09	-64.35	-1.71	18.24	-14.72	-5.04	5.95	2.10	2.58	0.68	4.07
MRPC1CB33P25_SIN		0.00	461.47	-10.92	1.28	173.91	17.81	-3.95	-70.75	12.64	9.25	-72.83	5.11	4.33	2.82	-7.78	19.39
MRPC1FB33P25_COS		1647.62	473.99	-11.85	756.54	-30.32	-87.07	-144.71	5.84	-53.91	-65.83	71.10	8.64	4.22	9.94	14.96	19.08
MRPC1FB33P25_SIN		0.00	202.76	321.60	181.05	429.53	189.06	34.59	-251.00	-41.32	-79.72	-148.65	14.33	-2.18	-1.68	-24.27	44.08
MRPC1TOR25P5_COS		-297.87	-156.78	-207.84	31.61	-15.55	26.72	-5.40	10.36	9.46	-0.71	11.97	3.06	8.33	-0.03	-3.63	0.60
MRPC1TOR25P5_SIN		0.00	146.84	-208.71	-89.30	25.95	-26.01	33.25	30.94	0.51	-6.02	-20.16	1.43	8.71	12.46	9.05	2.60
MRPLK1LOAD_COS		-0.40	-24.31	-24.44	1.98	-5.48	5.17	-1.56	1.51	2.48	-0.23	2.21	-0.53	1.08	0.04	-0.79	-0.26
MRPLK1LOAD_SIN		0.00	21.04	-28.46	-11.99	2.65	-4.93	4.63	4.48	-0.24	-0.46	-2.06	-0.45	1.27	2.21	1.52	0.54
PITCHRH_COS		2258.59	-9311.45	-733.49	481.10	-23.68	241.80	297.40	-34.48	25.96	-39.92	-68.67	35.41	14.83	39.72	-35.28	-152.74
PITCHRH_SIN		0.00	208.58	-1506.47	48.36	-60.75	2047.55	145.91	19.96	21.95	-25.56	-226.93	5.51	-36.73	27.86	31.42	152.85
ROLLRH_COS		812.77	-388.01	1896.35	-84.17	62.25	-2787.77	-228.79	-14.32	-74.95	101.91	156.47	-1.45	50.06	-41.60	53.95	158.61
ROLLRH_SIN		0.00	-9310.05	-768.59	538.24	39.11	1146.78	-25.60	-51.09	-91.35	-49.71	-143.44	20.12	-2.14	29.19	-74.49	101.02
TORQ_COS		84829.51	151.25	-30.03	84.11	-57.35	-93.99	6.97	19.93	-15.34	-3.42	-21.32	-3.24	0.93	-0.51	-4.22	3.16
TORQ_SIN		0.00	1424.99	-73.21	403.42	-148.55	-23.58	8.04	10.46	-22.17	-6.10	77.62	2.52	-4.97	5.38	-3.25	-0.74
THRUST_COS		4336.14	-117.60	27.84	77.16	-2.71	53.01	3.65	15.09	-0.60	-3.79	-6.74	-9.15	-3.41	-0.35	0.51	-22.82
THRUST_SIN		0.00	-446.11	-29.82	23.91	30.92	-121.70	7.83	-4.84	6.90	2.71	71.93	-4.95	-1.32	2.18	5.44	-19.00

RUN	POINT	Harmonics															
55	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-104.86	40.92	-52.88	18.95	15.94	94.73	20.68	1.58	0.89	-2.69	-6.41	0.15	-2.00	1.03	-1.51	-4.51
SIDERH_SIN		0.00	221.08	10.83	16.43	14.88	-151.74	-9.53	4.78	0.40	3.35	-0.60	0.32	0.61	-0.67	2.32	-3.04
DRAGRH_COS		-118.11	221.02	32.32	-3.11	8.26	-85.68	-46.80	1.88	-3.79	-1.66	1.91	-1.34	-0.66	-1.81	1.29	8.06
DRAGRH_SIN		0.00	-39.26	9.58	-6.61	-2.70	84.83	-12.76	-0.53	-4.93	3.64	10.91	-0.51	2.18	-0.38	-0.02	-8.49

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.24	-2.72	-8.99	-0.47	-0.99	-0.12	0.20	-0.16	-0.33	-0.08	0.10	-0.03	0.07	-0.02	0.01	0.01
ACT1FORCE_SIN		0.00	17.43	-2.23	-2.90	1.36	0.49	0.29	0.37	0.22	-0.08	-0.06	-0.13	-0.04	0.04	-0.03	0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		410.36	11.02	79.18	8.62	9.19	2.54	-4.73	0.01	0.02	0.02	-0.02	-0.01	0.00	-0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-132.92	17.38	30.62	-9.10	-4.36	0.83	0.00	-0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		395.24	-10.95	-79.35	-8.73	-9.17	-2.54	4.73	0.01	-0.02	-0.02	0.02	0.01	0.00	0.01	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	133.18	-17.31	-30.72	9.05	4.38	-0.83	-0.01	0.02	-0.01	-0.02	0.00	0.00	-0.01	0.00	-0.01
MRBLD1CB42P75_COS		-563.52	-2008.56	518.57	-113.70	-153.53	-81.49	-74.88	-1.18	12.91	-25.73	7.92	7.94	1.84	-5.12	1.71	-2.40
MRBLD1CB42P75_SIN		0.00	1451.15	38.89	104.38	224.96	-109.45	-24.53	-45.68	17.46	29.60	-73.80	2.18	9.91	5.10	-3.30	21.86

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4689.10	-1494.46	388.47	-195.03	-78.14	-95.18	-104.58	-1.21	11.78	-16.60	-11.17	5.39	4.99	-1.88	0.67	5.52
MRBLD1CB70_SIN		0.00	1121.58	-79.42	178.02	354.91	-163.38	50.77	-26.37	18.84	29.64	-35.51	-2.09	6.90	2.43	-8.23	27.98
MRBLD1CB120_COS		-183.82	-848.13	322.38	-73.95	-2.11	-71.78	-100.26	24.29	3.85	11.56	-11.46	-9.03	0.53	3.53	3.86	-1.48
MRBLD1CB120_SIN		0.00	838.28	-92.54	149.00	423.85	-137.62	83.16	-45.70	-25.38	-37.33	39.77	4.72	2.12	0.75	-0.88	2.84
MRBLD1CB164_COS		-1989.91	-282.96	73.69	17.89	-6.23	-43.88	-44.93	17.42	-5.13	11.31	2.68	-6.97	-2.71	1.04	-4.56	-3.41
MRBLD1CB164_SIN		0.00	320.27	-27.89	82.08	181.88	-55.99	40.24	-7.48	-37.75	-44.64	32.20	11.32	-0.39	1.80	8.67	-17.68
MRBLD1FB42P75_COS		2569.61	464.44	120.88	733.65	-71.88	-85.23	-101.57	-97.20	-78.11	-97.68	-23.28	-0.61	-2.23	1.54	3.57	36.47
MRBLD1FB42P75_SIN		0.00	-294.45	400.70	426.25	460.72	183.12	3.43	-205.98	-24.79	-57.17	-96.63	5.48	3.31	-3.48	-27.81	20.24
MRBLD1FB70_COS		647.95	99.67	35.42	204.13	-32.04	-22.56	-21.62	-6.46	-1.22	-0.98	0.35	1.18	0.65	0.13	-0.45	-6.39
MRBLD1FB70_SIN		0.00	-253.28	162.55	105.55	132.31	26.60	1.35	-28.96	4.42	6.44	3.55	2.27	1.83	1.58	4.85	-4.89
MRBLD1FB87_COS		73.77	118.08	-25.29	104.40	-23.40	-13.30	-1.78	7.08	12.25	18.75	6.63	1.22	1.20	-0.07	-0.46	-7.87
MRBLD1FB87_SIN		0.00	-308.75	116.24	58.48	51.56	4.01	-1.88	17.34	2.02	10.96	24.04	-0.04	1.12	2.38	8.20	-1.41
MRBLD1FB120_COS		-301.78	142.27	-112.95	87.86	-13.22	-16.11	1.70	3.80	-5.23	-6.93	-7.18	-6.54	-4.55	-0.47	1.00	12.80
MRBLD1FB120_SIN		0.00	-445.47	122.54	143.04	9.55	6.46	4.64	48.26	-2.89	-9.82	-14.05	-4.91	-5.23	-6.23	-12.60	2.55
MRBLD1FB164_COS		90.66	128.76	-7.66	66.04	79.91	52.81	31.00	6.47	1.72	10.37	6.87	4.03	1.84	-2.34	-3.41	-7.21
MRBLD1FB164_SIN		0.00	-576.20	213.08	266.47	-55.11	-32.37	-24.44	-66.18	5.10	13.81	19.53	0.37	2.04	1.78	5.28	-1.70

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		34.53	-25.41	43.28	3.17	62.07	48.97	16.17	-0.28	4.57	28.62	11.66	-8.57	-13.02	-4.93	1.06	15.74
MRBLD1FB180_SIN		0.00	-409.78	152.28	151.90	-51.58	-13.45	-17.15	-61.72	7.70	26.94	48.64	-8.24	-12.99	-11.14	-14.97	2.44
MRBLD1TOR51_COS		-1464.72	183.57	63.95	27.61	5.87	-16.75	16.09	-7.84	-4.64	1.70	0.09	-1.65	-1.97	0.49	3.83	2.51
MRBLD1TOR51_SIN		0.00	-117.80	164.27	84.67	19.26	13.63	-29.57	-38.26	-1.87	3.65	8.11	-1.73	-5.31	-4.56	-4.09	4.03
MRBLD1TOR71_COS		-299.39	207.57	30.38	14.19	19.26	-4.60	24.51	-6.67	-1.47	4.13	-0.45	-1.54	-0.78	0.68	2.07	1.44
MRBLD1TOR71_SIN		0.00	-113.89	135.91	42.19	-8.70	13.66	-23.28	-23.68	0.87	5.83	12.59	-1.84	-3.96	-3.27	-1.41	2.59
MRBLD1TOR130_COS		-41.99	182.61	35.42	-11.52	27.97	2.08	21.12	-1.78	0.17	0.81	6.65	-0.54	-0.17	-1.16	-2.91	-2.07
MRBLD1TOR130_SIN		0.00	-80.91	79.10	26.85	-24.54	6.65	-16.28	-24.36	-0.53	-2.91	1.71	2.12	2.52	1.77	2.86	-1.21
MRBLD1TOR164_COS		-274.52	99.47	26.64	-21.27	5.00	-5.30	5.75	-3.33	1.62	3.02	0.62	-0.50	0.64	-0.16	-0.97	-1.06
MRBLD1TOR164_SIN		0.00	-8.63	15.00	-30.77	-8.70	6.90	-7.77	-9.53	0.68	1.56	2.66	-2.47	0.31	0.31	0.13	-0.20
MRFBM2CB26P5_COS		2016.94	-1122.38	-259.34	-36.53	-65.12	-4.92	21.39	0.41	0.32	-4.87	7.18	0.36	0.29	0.24	0.29	-1.10
MRFBM2CB26P5_SIN		0.00	-850.05	43.78	64.34	34.59	-13.72	5.63	2.01	1.08	-0.32	-9.94	0.81	0.23	0.23	-0.63	-0.19
MRFBM2FB9_COS		811.52	11.53	-213.34	-110.86	38.05	24.73	10.50	-3.41	1.60	1.77	-1.94	0.38	0.34	0.09	-1.03	0.79
MRFBM2FB9_SIN		0.00	37.23	-207.92	-185.95	-54.62	-5.74	10.63	12.30	3.26	3.08	2.82	0.33	0.22	0.17	0.17	-1.48
MRFBM2TOR26P5_COS		-145.39	310.33	-3.18	1.27	-0.39	-0.30	0.92	0.21	0.18	0.13	-0.08	0.10	0.08	-0.02	-0.05	0.08
MRFBM2TOR26P5_SIN		0.00	3.96	1.25	-1.20	-0.27	0.25	0.06	-0.07	-0.06	0.03	0.09	0.15	0.04	0.12	-0.08	-0.04

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		659.25	-1502.56	425.79	-50.60	-119.83	-61.59	-65.24	-3.94	14.20	-13.15	6.77	6.62	2.70	-2.03	4.91	-3.57
MRPC1CB33P25_SIN		0.00	1275.82	16.33	47.38	145.27	-50.79	-37.95	-46.72	-0.56	-0.98	-59.65	2.30	6.30	3.36	-4.23	19.79
MRPC1FB33P25_COS		1840.38	375.19	-27.92	557.09	-152.59	-119.35	-86.90	5.44	-42.31	-37.00	43.66	0.35	-0.35	3.51	24.75	1.70
MRPC1FB33P25_SIN		0.00	-49.80	322.96	477.70	375.09	119.07	-27.99	-214.09	-63.11	-97.10	-87.27	4.18	1.15	0.47	-12.18	46.90
MRPC1TOR25P5_COS		-356.29	-94.78	-94.65	5.66	-19.01	20.71	-18.59	8.10	7.26	1.71	8.40	4.24	3.47	-1.77	-5.71	-5.87
MRPC1TOR25P5_SIN		0.00	-166.51	-167.63	-76.06	-1.29	-17.61	37.29	35.27	-1.72	-10.12	-13.01	4.66	10.52	7.01	8.51	0.89
MRPLK1LOAD_COS		-5.00	-16.35	-12.31	-0.90	-3.99	4.16	-3.77	1.58	2.15	0.25	1.57	0.27	0.63	-0.19	-1.20	-1.34
MRPLK1LOAD_SIN		0.00	-15.68	-23.46	-14.08	-0.62	-2.78	5.24	5.36	-0.33	-1.13	-1.12	-0.23	1.39	1.05	1.37	0.24
PITCHRH_COS		7094.71	-9255.70	-530.69	86.59	51.33	-126.94	-17.99	-133.94	32.32	24.14	86.69	-9.12	-3.96	6.63	-22.32	-134.24
PITCHRH_SIN		0.00	502.48	-686.02	-4.59	-39.91	779.15	58.71	81.86	60.31	-24.70	-275.17	42.27	-44.65	1.69	-25.49	77.92
ROLLRH_COS		2017.79	-467.80	761.57	-107.85	195.75	-2566.29	-81.90	61.67	68.37	155.73	193.99	-14.26	0.17	-102.15	80.50	122.12
ROLLRH_SIN		0.00	-9450.87	-469.61	143.58	325.06	718.16	-237.81	-106.34	-55.73	41.36	35.72	-6.76	-54.37	48.25	-13.76	231.62
TORQ_COS		114529.70	409.98	-2.70	77.02	35.63	-8.16	5.04	7.36	-7.00	2.46	-13.77	-3.92	2.56	-2.57	-4.39	3.65
TORQ_SIN		0.00	1315.08	-66.39	119.92	-137.22	44.72	18.04	24.68	-3.44	-6.02	45.37	2.61	-4.61	6.23	-5.05	-0.35
THRUST_COS		6185.98	-235.99	-4.30	25.32	2.93	45.80	5.83	13.39	2.12	-6.26	-4.44	-6.54	-1.41	-0.06	-3.05	-10.13
THRUST_SIN		0.00	-278.42	8.96	-0.55	25.75	-80.23	10.83	7.09	-5.70	-0.17	48.55	-1.23	2.34	-1.83	3.94	-25.78

RUN	POINT	Harmonics															
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-159.57	29.25	-12.84	3.82	-34.36	67.00	8.07	-1.72	-3.02	-7.11	-5.82	0.95	-0.09	2.78	-2.48	-3.36
SIDERH_SIN		0.00	219.22	2.30	0.58	-11.92	-150.69	4.12	2.57	1.37	-0.86	-6.14	1.24	1.25	-1.45	0.05	-6.50
DRAGRH_COS		-120.60	218.28	8.86	1.66	15.92	111.96	-11.16	-1.64	0.20	-6.89	-9.63	1.02	-0.08	0.42	1.14	6.39
DRAGRH_SIN		0.00	-24.40	11.47	-1.90	5.31	190.89	-2.05	0.19	-3.60	3.21	6.67	-3.14	2.37	0.05	1.47	-3.71

RUN	POINT	Harmonics															
55	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.15	-0.20	-0.30	0.10	-0.02	0.02	0.02	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.54	-0.19	-0.11	0.02	-0.03	0.03	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.34	-4.77	-10.06	2.18	-1.28	0.71	0.39	-0.58	-0.22	-0.48	0.42	0.05	-0.02	-0.05	-0.02	-0.15
ACT1FORCE_SIN		0.00	18.71	-5.08	-2.48	2.00	-0.74	1.15	0.26	0.31	-0.23	-0.34	0.09	0.00	0.11	0.07	0.02
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.57	-0.17	0.14	0.11	-0.01	0.03	-0.05	0.01	-0.02	0.01	0.02	-0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.08	-0.17	0.08	-0.05	0.02	0.03	-0.03	-0.01	-0.04	0.03	0.01	0.02	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.07	0.15	-0.12	-0.09	0.04	-0.05	0.07	-0.01	0.02	-0.02	-0.02	0.00	0.00	0.01	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	0.05	0.18	-0.12	0.02	-0.05	-0.02	0.03	0.00	0.04	-0.02	0.00	-0.02	0.01	-0.01	0.02
MRBLD1CB42P75_COS		-589.56	-2412.17	447.68	-80.76	-52.70	-73.60	-75.80	-15.42	13.53	-26.71	10.43	-2.95	-0.16	-2.41	0.94	1.23
MRBLD1CB42P75_SIN		0.00	950.50	57.04	69.92	275.02	-64.09	-21.64	-65.96	29.10	37.62	-99.05	4.45	11.97	1.51	-0.99	20.76

RUN	POINT	Harmonics															
55	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4693.52	-1737.50	293.07	-103.86	47.35	-128.65	-98.72	-9.84	14.42	-17.39	-22.64	1.02	4.05	-0.26	1.12	8.91
MRBLD1CB70_SIN		0.00	759.45	-85.13	154.86	403.27	-154.52	15.25	-34.77	21.03	39.73	-51.21	-0.63	7.49	-0.45	-7.31	26.46
MRBLD1CB120_COS		-181.65	-930.07	244.50	17.15	97.96	-132.12	-88.59	25.88	4.33	6.46	-2.51	-1.88	2.27	3.59	3.98	-1.84
MRBLD1CB120_SIN		0.00	659.85	-105.34	133.39	456.98	-163.10	11.34	-41.04	-33.01	-41.10	51.42	4.03	-1.04	1.73	-2.11	3.14
MRBLD1CB164_COS		-1979.20	-300.72	40.69	72.84	24.24	-73.97	-34.47	22.58	-8.16	10.28	21.07	-3.71	-1.54	-0.04	-4.58	-5.46
MRBLD1CB164_SIN		0.00	272.26	-45.40	63.71	198.99	-79.54	6.13	5.43	-43.76	-51.48	46.08	9.74	-1.04	1.76	8.31	-17.16
MRBLD1FB42P75_COS		2537.54	579.87	210.03	780.20	-62.94	-48.70	-119.94	-142.85	-73.54	-116.78	13.46	-5.50	-5.40	4.91	5.95	38.12
MRBLD1FB42P75_SIN		0.00	-219.13	486.34	237.87	490.87	227.52	3.80	-249.31	6.23	-50.21	-140.05	13.11	3.44	-8.01	-25.04	12.67
MRBLD1FB70_COS		636.79	98.30	65.98	230.73	-23.17	-13.93	-25.55	-14.95	-0.59	-2.18	-1.22	1.34	1.08	-0.06	-1.06	-6.95
MRBLD1FB70_SIN		0.00	-263.49	185.96	43.21	146.09	38.88	0.02	-36.62	7.13	7.03	2.35	1.89	1.77	2.25	4.78	-3.52
MRBLD1FB87_COS		70.50	117.60	-4.97	126.60	-21.90	-12.70	-1.94	10.88	11.48	21.87	-0.95	2.98	2.30	-0.44	-0.93	-7.67
MRBLD1FB87_SIN		0.00	-309.77	125.77	19.53	61.51	6.10	-2.52	20.67	-3.41	9.61	33.31	-2.54	0.62	3.80	7.39	-0.01
MRBLD1FB120_COS		-296.68	136.53	-101.51	126.81	-9.53	-23.91	9.17	17.14	-7.97	-4.47	-3.63	-7.72	-4.31	-0.33	1.20	12.34
MRBLD1FB120_SIN		0.00	-429.19	126.63	81.64	22.89	-4.37	5.86	60.69	-7.09	-10.40	-14.07	-3.10	-5.11	-8.18	-11.74	-0.17
MRBLD1FB164_COS		37.06	156.55	83.07	60.66	89.15	49.40	23.73	-9.99	3.25	5.88	-0.25	6.81	3.90	-3.80	-4.57	-6.18
MRBLD1FB164_SIN		0.00	-627.34	283.01	219.20	-92.69	-46.36	-20.98	-90.21	12.92	15.36	21.38	-2.13	2.69	4.71	3.65	-1.14

RUN	POINT	Harmonics															
55	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-13.70	1.56	122.07	-14.30	62.86	52.61	9.77	-17.88	3.20	33.61	-1.50	-6.46	-10.62	-5.18	2.31	15.75
MRBLD1FB180_SIN		0.00	-465.04	205.02	147.35	-83.57	-19.20	-13.89	-79.57	5.40	22.12	68.55	-10.92	-14.17	-11.33	-15.50	0.28
MRBLD1TOR51_COS		-1525.99	219.70	149.64	-27.87	19.96	-27.71	28.25	-25.34	-6.46	-0.31	-1.98	-2.05	-1.57	1.43	4.26	2.33
MRBLD1TOR51_SIN		0.00	-241.65	251.68	96.88	-13.55	28.06	-43.77	-37.14	-0.68	1.97	7.47	-0.40	-6.17	-4.21	-3.07	5.04
MRBLD1TOR71_COS		-355.11	247.69	113.06	-43.43	27.83	-15.43	35.39	-22.09	-1.66	3.19	-3.90	-1.59	0.46	1.10	2.63	1.30
MRBLD1TOR71_SIN		0.00	-223.48	214.84	62.00	-41.56	24.31	-36.33	-20.16	0.18	5.23	12.98	-0.81	-5.24	-2.63	-1.13	3.53
MRBLD1TOR130_COS		-99.10	223.60	118.20	-69.76	32.48	-7.87	28.09	-12.92	0.88	-1.45	9.18	-1.63	1.25	-1.49	-2.72	-1.88
MRBLD1TOR130_SIN		0.00	-193.48	152.31	56.90	-56.04	15.58	-28.34	-23.77	0.82	-1.66	0.41	2.56	1.52	2.19	2.02	-1.27
MRBLD1TOR164_COS		-308.62	127.00	76.63	-63.38	3.45	-11.24	7.89	-8.55	3.74	3.97	-2.01	-0.39	1.87	-0.72	-1.27	0.12
MRBLD1TOR164_SIN		0.00	-89.55	56.15	0.86	-23.69	15.90	-15.98	-8.02	-0.67	4.70	3.31	-2.78	0.43	0.46	-0.67	-1.63
MRFBM2CB26P5_COS		2047.19	-979.18	-250.19	-9.04	-36.36	-7.11	15.80	-4.00	0.77	-5.45	14.43	-0.96	0.89	0.57	0.50	-0.68
MRFBM2CB26P5_SIN		0.00	-734.34	47.70	77.01	52.98	-20.07	8.50	-1.02	1.36	1.11	-11.68	0.98	0.77	-0.33	-0.53	-0.49
MRFBM2FB9_COS		733.99	304.96	-248.99	-140.40	33.22	23.85	9.64	-3.63	2.57	2.40	-3.43	0.63	0.41	-0.04	-0.81	0.46
MRFBM2FB9_SIN		0.00	128.03	-263.15	-145.60	-61.26	-12.16	11.41	14.76	2.60	3.39	2.71	0.62	0.35	0.05	0.07	-1.46
MRFBM2TOR26P5_COS		-144.83	310.99	-3.12	1.47	-0.24	-0.58	0.81	0.36	0.02	0.27	-0.28	0.15	0.05	0.01	-0.06	0.08
MRFBM2TOR26P5_SIN		0.00	2.53	0.97	-0.97	-1.04	0.40	0.33	0.11	-0.16	-0.07	0.21	0.11	0.03	0.10	-0.09	-0.06

RUN	POINT	Harmonics															
55	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		602.98	-1851.81	371.70	-58.45	-66.71	-37.98	-67.95	-15.23	17.32	-14.66	15.11	-1.13	2.55	0.26	4.86	-0.48
MRPC1CB33P25_SIN		0.00	924.57	34.27	15.12	174.04	-12.94	-27.87	-60.64	10.19	0.90	-77.12	6.86	7.47	0.69	-2.61	19.12
MRPC1FB33P25_COS		1815.30	463.97	26.30	630.73	-150.99	-103.86	-102.30	-12.15	-52.21	-54.19	96.22	-7.81	-2.40	9.21	24.58	8.52
MRPC1FB33P25_SIN		0.00	21.49	404.36	328.72	404.08	163.85	-34.00	-265.77	-36.55	-101.91	-97.57	6.18	-1.24	0.02	-8.38	43.63
MRPC1TOR25P5_COS		-291.90	-142.35	-186.63	70.78	-31.12	32.45	-32.50	27.15	10.62	3.45	13.22	3.47	5.27	-2.80	-5.83	-4.18
MRPC1TOR25P5_SIN		0.00	-44.93	-257.26	-94.14	37.17	-30.18	51.37	32.05	-1.79	-5.76	-13.88	3.24	10.44	7.53	6.84	-0.43
MRPLK1LOAD_COS		3.78	-22.68	-24.49	7.62	-5.93	5.86	-5.72	4.13	3.00	0.63	2.19	-0.01	1.18	-0.43	-1.18	-1.06
MRPLK1LOAD_SIN		0.00	-0.35	-35.06	-15.97	4.50	-4.52	7.05	5.08	-0.61	-0.17	-1.22	-0.27	1.20	1.30	0.95	0.08
PITCHRH_COS		5512.28	-9018.55	-1152.46	280.50	83.70	-40.71	116.74	-62.10	-47.68	32.72	46.18	-13.18	-0.67	33.22	-21.45	-140.95
PITCHRH_SIN		0.00	-219.83	-910.35	231.26	-95.08	1500.20	191.54	128.32	48.98	22.99	-314.92	-0.96	-29.33	24.82	-0.48	90.03
ROLLRH_COS		452.96	-13.21	1232.82	-212.85	514.17	-2913.86	-264.40	129.72	70.37	116.56	184.18	24.29	14.48	-92.01	89.12	151.91
ROLLRH_SIN		0.00	-9471.60	-1079.84	418.08	183.57	733.20	-178.23	-107.91	-96.06	-51.97	-14.03	-51.36	-39.28	21.96	-53.09	217.96
TORQ_COS		114584.19	-82.05	-20.40	-71.22	-87.25	-18.03	-0.24	32.47	-0.30	-3.45	-33.78	1.55	2.16	-1.95	-3.81	4.75
TORQ_SIN		0.00	1594.69	-70.60	355.59	-275.39	-64.82	2.00	55.72	-13.76	-5.72	61.97	1.09	-6.70	6.77	-4.14	-1.08
THRUST_COS		6131.03	-79.27	2.12	45.50	16.07	43.47	6.11	31.86	2.67	-6.05	-20.90	-5.35	0.72	-0.28	-3.09	-15.57
THRUST_SIN		0.00	-475.13	4.02	32.75	37.68	-102.65	11.64	5.52	-2.76	2.15	55.92	-1.15	-2.58	1.71	3.99	-25.76

RUN	POINT	Harmonics															
55	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.20	33.01	-26.74	10.33	-37.16	102.27	32.98	-5.49	-2.87	-4.66	-4.87	-0.40	-0.84	2.74	-2.72	-4.22
SIDERH_SIN		0.00	219.68	15.47	17.85	55.16	-140.10	-1.47	5.78	2.94	2.93	-4.64	3.92	0.84	-0.83	1.70	-6.21
DRAGRH_COS		-134.69	219.96	13.42	-1.61	21.76	-5.18	-55.33	5.54	1.68	-3.63	-6.41	3.72	-0.56	-0.52	1.43	7.00
DRAGRH_SIN		0.00	-32.34	4.03	-9.05	-13.38	138.47	-45.57	3.36	-4.85	1.21	10.75	-1.34	4.16	-0.92	0.47	-4.82

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.91	-2.86	-10.41	-0.06	-1.09	-0.34	0.24	-0.31	-0.24	-0.11	0.23	0.00	0.06	0.06	-0.09	-0.02
ACT1FORCE_SIN		0.00	18.38	-2.86	-3.80	1.70	0.32	0.41	0.30	0.19	0.00	-0.17	0.03	-0.10	0.13	0.05	-0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		435.43	12.82	90.25	7.70	13.58	7.87	-2.31	-0.01	0.01	0.02	-0.02	0.00	0.00	0.00	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-136.45	21.26	37.42	-8.13	-4.14	-1.45	0.00	-0.02	0.01	0.02	0.00	0.00	-0.01	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		370.13	-12.72	-90.45	-7.84	-13.56	-7.85	2.30	0.02	-0.01	-0.01	0.01	0.00	0.00	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	136.71	-21.12	-37.54	8.08	4.18	1.44	-0.01	0.01	-0.02	-0.01	0.00	0.00	0.01	0.00	-0.02
MRBLD1CB42P75_COS		-12.29	-2068.95	593.54	-144.95	-146.33	-103.12	-101.70	-7.72	12.88	-31.60	6.08	2.11	5.04	-5.21	0.70	-6.43
MRBLD1CB42P75_SIN		0.00	2235.20	61.84	136.36	266.12	-122.49	-17.42	-51.86	19.22	31.29	-95.01	-3.45	9.88	6.72	-5.82	23.97

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4966.02	-1588.09	429.40	-218.05	-92.03	-133.11	-133.55	-12.51	12.32	-22.18	-19.51	0.99	7.23	0.08	1.34	3.80
MRBLD1CB70_SIN		0.00	1693.51	-65.50	200.62	467.16	-176.24	68.26	-27.70	18.73	31.48	-53.83	-4.89	5.90	2.89	-11.44	31.65
MRBLD1CB120_COS		-100.93	-906.21	361.96	-84.86	-17.79	-104.60	-114.69	14.48	13.00	15.04	-9.60	-8.67	-0.89	3.08	5.69	-1.83
MRBLD1CB120_SIN		0.00	1122.38	-68.01	154.12	543.20	-147.39	109.77	-53.76	-29.42	-41.42	52.12	6.04	2.56	1.21	-0.43	2.20
MRBLD1CB164_COS		-1998.32	-314.18	83.41	18.45	-14.86	-59.26	-50.85	18.19	-1.51	17.31	8.59	-7.17	-5.25	-1.04	-6.66	-2.30
MRBLD1CB164_SIN		0.00	409.46	-15.67	81.42	226.54	-57.20	55.10	-7.98	-41.72	-47.71	47.73	13.33	0.97	0.67	10.99	-19.99
MRBLD1FB42P75_COS		2640.44	452.65	227.15	664.19	-88.89	-74.61	-99.62	-136.41	-75.25	-99.21	4.15	-8.89	-1.74	5.07	2.11	34.85
MRBLD1FB42P75_SIN		0.00	-498.26	462.08	432.97	425.33	159.33	-18.19	-246.34	-31.13	-63.65	-116.47	4.30	2.49	1.47	-31.41	27.76
MRBLD1FB70_COS		700.80	101.04	57.97	183.93	-35.04	-21.09	-23.43	-12.74	-1.14	-1.92	-0.64	1.51	0.91	0.38	0.38	-5.67
MRBLD1FB70_SIN		0.00	-258.65	180.34	105.73	129.52	21.12	-0.71	-34.85	4.14	6.33	2.53	2.17	1.56	0.74	6.06	-6.20
MRBLD1FB87_COS		89.92	119.54	-19.31	95.34	-24.71	-13.57	-2.30	10.60	12.07	19.26	1.28	3.56	0.95	-1.05	-0.54	-8.18
MRBLD1FB87_SIN		0.00	-324.89	125.12	55.01	51.70	2.77	-0.38	21.11	3.08	12.53	28.94	0.82	1.83	1.41	8.96	-3.06
MRBLD1FB120_COS		-299.67	138.58	-115.66	84.41	-8.09	-19.41	2.07	14.58	-6.40	-5.48	-3.64	-7.88	-4.30	0.31	0.72	12.81
MRBLD1FB120_SIN		0.00	-475.89	126.33	139.55	9.43	10.65	7.38	57.27	-2.01	-10.64	-15.72	-6.07	-6.40	-5.38	-14.13	4.57
MRBLD1FB164_COS		161.07	127.36	10.68	44.96	88.01	49.24	37.48	-7.44	0.60	9.41	2.53	5.51	1.86	-2.67	-3.63	-7.04
MRBLD1FB164_SIN		0.00	-627.67	229.88	272.52	-45.90	-32.98	-31.04	-79.30	4.03	14.71	23.07	2.11	2.78	1.37	5.70	-2.82

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		98.54	-39.37	62.25	-14.20	66.37	49.58	17.26	-11.12	3.72	27.84	3.48	-5.02	-13.91	-5.56	1.04	15.59
MRBLD1FB180_SIN		0.00	-450.56	165.74	159.90	-48.41	-13.13	-23.69	-75.73	7.84	28.84	59.55	-4.87	-13.03	-11.52	-17.14	5.09
MRBLD1TOR51_COS		-1433.82	205.45	85.68	5.82	4.36	-6.87	21.11	-14.19	-7.46	1.23	-3.13	-1.60	-2.58	1.47	4.41	2.19
MRBLD1TOR51_SIN		0.00	-103.45	197.31	88.46	13.35	18.81	-40.26	-45.34	-4.52	4.42	8.34	-0.33	-5.83	-4.81	-3.53	5.40
MRBLD1TOR71_COS		-284.91	228.90	43.69	-1.63	19.15	4.73	30.09	-11.39	-4.44	4.00	-4.52	-1.44	-1.19	1.22	2.37	0.70
MRBLD1TOR71_SIN		0.00	-112.50	162.23	44.00	-16.31	20.09	-32.67	-28.04	-1.79	6.75	13.53	-0.11	-4.33	-3.77	-1.21	3.21
MRBLD1TOR130_COS		-27.52	201.73	43.53	-21.94	27.83	9.64	25.91	-5.04	-1.07	0.81	7.06	-0.96	0.30	-1.52	-3.23	-2.52
MRBLD1TOR130_SIN		0.00	-73.48	95.44	30.36	-31.90	12.21	-23.58	-29.68	-2.36	-3.09	1.94	2.48	2.50	1.52	2.14	-2.07
MRBLD1TOR164_COS		-278.52	114.60	24.94	-23.58	3.87	-0.98	7.79	-3.73	0.49	3.57	-0.14	-0.92	1.42	-1.22	-0.85	-1.41
MRBLD1TOR164_SIN		0.00	6.87	21.68	-29.50	-14.60	9.74	-12.10	-10.97	0.16	2.00	3.67	-2.28	0.34	0.31	-1.16	-1.13
MRFBM2CB26P5_COS		2592.58	-1680.57	-318.99	-37.38	-88.09	-2.76	26.34	1.01	-0.75	-5.08	9.45	0.01	0.15	0.08	0.05	-2.18
MRFBM2CB26P5_SIN		0.00	-879.64	40.73	78.23	37.09	-15.62	7.50	1.08	0.12	-0.83	-8.54	0.33	0.81	-0.04	-0.21	-0.81
MRFBM2FB9_COS		1131.83	-110.85	-272.15	-91.33	40.15	23.04	10.92	-3.43	1.49	1.91	-2.97	0.36	0.21	0.18	-1.08	1.02
MRFBM2FB9_SIN		0.00	-132.82	-246.69	-184.92	-50.88	-3.49	12.39	14.71	3.27	3.40	2.81	0.44	0.27	-0.08	0.20	-1.37
MRFBM2TOR26P5_COS		-111.93	337.18	-3.66	1.63	-0.28	-0.08	1.06	0.21	0.22	0.10	-0.09	0.06	0.08	-0.02	-0.01	0.08
MRFBM2TOR26P5_SIN		0.00	1.26	1.03	-1.29	-0.04	0.19	-0.03	-0.04	-0.06	0.09	0.00	0.18	0.06	0.13	-0.08	0.00

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		944.85	-1402.74	509.36	-68.80	-84.88	-75.69	-87.95	-8.16	20.11	-14.53	7.78	1.82	6.09	-2.49	5.46	-7.75
MRPC1CB33P25_SIN		0.00	1818.98	19.82	91.12	146.08	-58.58	-27.61	-51.92	1.60	-2.33	-71.34	-0.61	7.14	5.26	-6.24	21.45
MRPC1FB33P25_COS		1894.26	375.55	53.72	500.20	-157.33	-102.94	-77.08	-8.76	-35.28	-34.12	75.15	-4.81	-0.18	0.88	26.64	-6.72
MRPC1FB33P25_SIN		0.00	-228.26	386.81	472.75	345.61	100.73	-44.53	-261.31	-65.09	-100.99	-85.03	-1.39	0.81	5.51	-16.39	49.17
MRPC1TOR25P5_COS		-323.84	-110.32	-115.08	26.68	-16.85	10.86	-24.76	15.24	11.26	3.26	12.90	2.91	4.86	-3.68	-6.63	-7.58
MRPC1TOR25P5_SIN		0.00	-208.79	-199.64	-80.09	5.33	-24.13	50.09	41.65	0.49	-10.11	-12.58	2.97	10.97	7.18	6.27	-1.56
MRPLK1LOAD_COS		0.67	-18.93	-15.95	1.69	-3.46	3.21	-4.72	2.51	2.47	0.70	2.40	0.06	0.87	-0.54	-1.31	-1.76
MRPLK1LOAD_SIN		0.00	-21.40	-28.15	-14.45	1.06	-3.52	6.54	6.09	0.27	-0.89	-1.11	-0.49	1.43	1.12	0.86	-0.24
PITCHRH_COS		8953.69	-9169.64	-616.71	105.70	66.79	-180.49	-12.62	-74.55	137.23	-27.85	146.45	-12.54	5.15	10.48	-48.91	-183.03
PITCHRH_SIN		0.00	275.76	-683.02	82.31	-73.56	236.36	100.44	140.50	54.23	-15.96	-322.01	54.27	-69.37	28.71	-30.40	55.01
ROLLRH_COS		5633.20	-347.65	780.47	-118.39	252.19	-2443.17	-80.62	84.81	57.10	156.66	189.57	-14.04	12.27	-101.08	62.69	53.97
ROLLRH_SIN		0.00	-9450.77	-587.14	157.42	353.00	847.78	-189.84	-92.41	-124.66	22.90	81.24	-5.90	-55.09	50.02	-17.29	168.42
TORQ_COS		128034.98	425.93	-24.95	40.55	55.42	3.67	6.74	3.02	-4.59	2.33	-24.11	-1.56	2.93	-1.07	-4.72	6.41
TORQ_SIN		0.00	1385.69	-58.06	146.89	-152.18	40.64	11.08	37.59	-2.73	-6.32	48.11	4.13	-5.98	6.05	-4.27	0.26
THRUST_COS		6898.97	-237.29	-10.17	22.38	4.47	32.97	4.93	17.11	-1.54	-2.03	-15.33	-4.55	1.72	-3.66	-0.30	-7.85
THRUST_SIN		0.00	-294.14	12.85	6.15	27.81	-65.46	9.65	6.96	-6.51	-1.10	50.59	-0.23	-0.06	-0.25	4.23	-25.08

RUN	POINT	Harmonics															
55	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.48	28.54	-16.74	1.16	-31.53	50.58	11.93	-1.58	-2.29	-7.11	-4.69	0.68	-0.38	2.78	-2.01	-1.39
SIDERH_SIN		0.00	217.15	4.60	0.79	2.13	-161.71	-0.60	3.85	2.88	0.45	-7.91	1.50	1.12	-1.51	0.01	-4.61
DRAGRH_COS		-119.46	216.75	4.51	0.76	20.34	189.57	-26.75	-1.29	-0.08	-5.17	-13.62	1.14	-1.25	-0.07	2.67	8.78
DRAGRH_SIN		0.00	-21.17	8.58	-1.65	-0.30	239.56	-3.18	-1.56	-4.11	4.70	7.98	-2.66	3.36	-0.91	1.69	-2.68

RUN	POINT	Harmonics															
55	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	-0.20	-0.32	0.12	-0.02	0.01	0.02	-0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.54	-0.20	-0.13	0.04	-0.03	0.04	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.02	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.01	-4.72	-11.11	2.46	-1.34	0.34	0.42	-0.95	-0.05	-0.46	0.43	0.04	-0.08	-0.02	-0.11	-0.05
ACT1FORCE_SIN		0.00	19.14	-5.47	-2.99	2.44	-0.62	1.25	0.07	0.06	-0.12	-0.34	0.24	-0.14	0.12	0.04	0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.57	-0.17	0.16	0.12	-0.02	0.03	-0.06	0.02	0.00	0.00	0.03	-0.03	0.01	-0.02	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.08	-0.19	0.10	-0.04	0.01	0.04	-0.05	0.00	-0.04	0.04	0.00	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.07	0.16	-0.12	-0.10	0.06	-0.05	0.07	-0.01	0.01	0.00	-0.03	0.02	-0.01	0.02	-0.01	0.02
FA1OBVOLTAGE_SIN		0.00	0.05	0.19	-0.13	0.01	-0.03	-0.03	0.05	-0.02	0.05	-0.03	0.00	-0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS		-25.08	-2552.87	482.63	-114.58	-58.71	-70.75	-102.30	-7.18	6.58	-32.88	25.84	-6.28	7.35	-4.55	-2.43	-4.42
MRBLD1CB42P75_SIN		0.00	1631.26	85.71	94.88	279.58	-116.67	-22.81	-42.18	24.09	34.87	-113.82	-3.92	10.97	5.83	-1.27	22.35

RUN	POINT	Harmonics															
55	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4979.53	-1870.17	314.89	-128.25	22.21	-102.19	-144.91	2.02	9.90	-24.17	-8.99	-3.86	9.12	0.15	-1.22	5.81
MRBLD1CB70_SIN		0.00	1244.31	-53.86	172.96	452.25	-232.26	35.63	-14.19	16.29	37.35	-72.71	-5.69	6.98	3.26	-6.85	29.76
MRBLD1CB120_COS		-99.59	-996.22	279.38	0.65	57.85	-89.53	-134.06	41.44	20.46	11.13	-13.50	-3.66	-2.29	3.99	3.63	-1.88
MRBLD1CB120_SIN		0.00	890.87	-55.66	122.43	527.74	-241.47	42.33	-25.15	-28.04	-42.62	61.09	6.30	1.26	1.80	-1.21	2.72
MRBLD1CB164_COS		-1992.15	-332.88	50.84	65.12	2.27	-54.02	-53.33	25.26	6.36	15.58	6.63	-2.96	-7.03	0.56	-4.57	-3.40
MRBLD1CB164_SIN		0.00	347.32	-25.64	56.73	228.05	-110.01	18.52	5.57	-39.33	-51.14	63.88	12.63	-0.38	0.57	7.75	-19.38
MRBLD1FB42P75_COS		2603.23	582.04	279.25	700.19	-134.61	-56.28	-109.03	-86.79	-58.85	-120.21	44.10	-15.10	-1.34	4.74	2.07	36.08
MRBLD1FB42P75_SIN		0.00	-400.72	516.03	251.63	500.08	220.07	-19.22	-220.06	-8.03	-53.04	-129.16	7.51	0.01	0.58	-16.19	20.06
MRBLD1FB70_COS		695.29	93.55	76.08	207.69	-43.84	-16.19	-25.99	-4.61	0.11	-3.30	-1.00	1.75	0.84	0.71	0.22	-6.20
MRBLD1FB70_SIN		0.00	-258.47	189.40	47.18	152.02	32.89	-2.89	-31.00	5.75	6.90	0.67	1.96	1.71	0.82	3.67	-5.04
MRBLD1FB87_COS		92.24	112.23	-6.86	115.21	-31.65	-14.04	-3.00	6.00	9.67	22.63	-7.59	5.54	0.89	-0.99	-0.72	-8.09
MRBLD1FB87_SIN		0.00	-312.23	123.24	21.20	65.41	4.70	-0.83	18.95	-0.50	10.74	32.72	-0.32	2.36	2.03	5.76	-1.52
MRBLD1FB120_COS		-288.27	124.69	-108.24	117.30	-5.26	-25.30	8.36	3.90	-8.94	-3.54	-1.48	-9.71	-2.96	0.07	0.70	12.45
MRBLD1FB120_SIN		0.00	-444.50	115.59	93.16	18.36	0.94	8.20	52.64	-5.00	-10.94	-13.73	-4.80	-6.51	-5.72	-9.60	1.91
MRBLD1FB164_COS		124.65	144.39	91.44	32.54	116.70	47.68	24.88	6.83	4.51	4.75	-2.96	9.25	2.64	-3.72	-4.10	-6.16
MRBLD1FB164_SIN		0.00	-652.86	282.19	241.62	-99.60	-40.69	-27.99	-75.03	9.97	14.20	21.73	1.04	4.35	2.89	1.84	-1.91

RUN	POINT	Harmonics															
55	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		63.00	-18.09	133.76	-36.27	80.12	52.44	6.22	-0.27	4.96	31.12	-12.07	-0.57	-11.90	-3.54	0.54	15.98
MRBLD1FB180_SIN		0.00	-487.59	211.75	160.34	-88.21	-17.28	-19.21	-69.32	8.44	23.58	67.96	-6.69	-13.67	-10.73	-12.36	2.67
MRBLD1TOR51_COS		-1478.62	234.06	161.04	-47.16	17.91	-15.00	39.32	-16.14	-4.94	0.32	-4.12	-1.39	-2.49	2.15	2.47	3.14
MRBLD1TOR51_SIN		0.00	-211.93	277.60	97.12	-17.05	41.12	-45.73	-32.37	-5.02	4.16	6.09	2.17	-6.67	-3.36	-2.65	5.61
MRBLD1TOR71_COS		-324.48	262.90	118.80	-57.54	29.38	-4.31	46.48	-14.87	-1.05	4.27	-8.00	-0.44	-0.76	1.92	1.22	1.24
MRBLD1TOR71_SIN		0.00	-204.30	235.19	61.03	-46.59	38.82	-37.32	-18.08	-3.34	7.11	11.93	2.55	-5.35	-2.51	-0.88	3.74
MRBLD1TOR130_COS		-68.45	238.69	120.70	-80.05	36.75	1.87	37.60	-5.57	1.65	-0.55	7.08	-0.72	1.24	-1.09	-2.54	-3.06
MRBLD1TOR130_SIN		0.00	-168.90	165.64	57.61	-62.71	27.17	-28.82	-21.33	-1.60	-2.08	2.08	3.60	1.75	1.33	2.07	-1.74
MRBLD1TOR164_COS		-301.62	140.94	72.77	-65.21	1.07	-5.85	13.53	-4.25	2.42	4.61	-4.20	0.00	2.27	-1.07	-0.83	-1.28
MRBLD1TOR164_SIN		0.00	-64.55	65.01	-1.33	-28.41	20.88	-16.13	-7.59	-0.50	4.38	3.75	-2.49	1.14	-0.31	-0.73	-1.36
MRFBM2CB26P5_COS		2638.95	-1470.59	-296.36	-19.16	-60.55	0.96	21.86	-5.93	0.20	-5.76	12.90	-0.68	-0.21	0.18	-0.14	-1.59
MRFBM2CB26P5_SIN		0.00	-808.77	45.49	85.47	48.80	-15.47	12.78	-2.41	-0.97	0.32	-8.07	0.73	1.08	-0.77	-0.12	-0.92
MRFBM2FB9_COS		1032.93	244.35	-292.16	-120.30	44.25	23.34	9.55	-4.53	1.87	2.83	-4.26	0.56	0.18	0.29	-0.53	0.68
MRFBM2FB9_SIN		0.00	-25.75	-281.86	-143.13	-59.31	-9.67	12.96	11.40	2.53	3.94	2.17	0.76	0.21	-0.03	0.26	-1.44
MRFBM2TOR26P5_COS		-111.04	337.32	-3.52	1.83	-0.37	-0.25	0.96	0.28	0.08	0.31	-0.15	0.08	0.03	-0.01	-0.04	0.07
MRFBM2TOR26P5_SIN		0.00	0.47	1.01	-1.22	-0.68	0.48	0.35	0.20	-0.13	0.04	0.10	0.10	0.06	0.13	-0.11	-0.06

RUN	POINT	Harmonics															
55	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		902.58	-1838.35	410.91	-89.75	-53.95	-47.83	-85.17	-9.66	17.98	-15.18	20.82	-5.22	7.50	-1.50	2.22	-5.93
MRPC1CB33P25_SIN		0.00	1421.91	53.05	45.12	163.28	-43.44	-34.95	-41.44	13.23	-0.96	-81.58	1.01	8.45	4.80	-2.43	20.08
MRPC1FB33P25_COS		1866.26	477.82	81.92	562.97	-209.16	-104.59	-85.56	19.31	-33.10	-55.16	111.57	-11.30	2.80	1.40	14.52	0.36
MRPC1FB33P25_SIN		0.00	-140.19	440.93	326.41	396.62	153.65	-47.93	-221.31	-39.97	-104.15	-71.90	-3.99	-0.01	5.47	-7.21	46.08
MRPC1TOR25P5_COS		-276.68	-151.31	-196.74	87.40	-31.69	19.43	-45.65	18.40	9.73	3.53	13.75	2.73	6.29	-3.98	-4.74	-8.90
MRPC1TOR25P5_SIN		0.00	-105.19	-281.92	-93.71	39.76	-47.24	54.63	30.07	1.96	-8.45	-9.63	0.77	11.46	5.40	6.20	-1.08
MRPLK1LOAD_COS		7.26	-24.48	-26.63	9.79	-5.68	4.22	-7.57	3.04	2.58	0.80	2.08	0.17	1.31	-0.58	-1.01	-1.95
MRPLK1LOAD_SIN		0.00	-8.03	-38.95	-16.04	5.73	-6.90	7.09	4.59	0.22	-0.35	-0.58	-0.52	1.41	0.93	0.85	-0.03
PITCHRH_COS		6509.61	-8860.75	-1277.14	211.18	115.98	-67.75	-92.54	-55.59	-93.20	29.73	75.09	-6.48	12.49	47.39	-34.20	-171.31
PITCHRH_SIN		0.00	-356.31	-777.26	272.00	-143.30	1117.42	148.51	182.66	11.94	-0.90	-331.82	3.73	-79.57	35.35	-5.32	83.38
ROLLRH_COS		3781.91	110.89	1054.57	-246.93	660.13	-2973.07	-154.37	100.51	17.61	111.98	121.95	28.65	18.88	-94.34	79.34	103.27
ROLLRH_SIN		0.00	-9467.80	-1264.99	384.70	301.68	626.92	-379.06	-128.98	-134.67	-36.45	26.06	-49.86	-48.62	12.57	-60.36	123.14
TORQ_COS		128230.09	-128.99	-45.68	-123.67	-90.17	-6.84	2.28	42.85	5.89	-0.90	-31.30	1.63	3.99	-1.11	-3.45	7.02
TORQ_SIN		0.00	1647.60	-53.77	343.50	-269.39	-41.46	0.14	55.51	-10.44	-6.67	48.34	1.74	-6.05	6.08	-4.70	-0.39
THRUST_COS		6779.90	-68.99	-8.52	37.71	17.54	36.21	5.24	35.56	0.88	-2.52	-23.12	0.75	1.36	-0.91	-1.15	-15.09
THRUST_SIN		0.00	-477.00	12.81	37.01	37.90	-91.45	12.17	-2.71	-0.29	-1.22	51.59	3.30	-4.59	0.46	5.15	-23.18

RUN	POINT	Harmonics															
55	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.41	30.12	-18.89	5.27	-48.80	110.67	27.09	-4.72	-1.27	-4.83	-1.62	-1.07	-0.63	2.93	-2.47	-2.67
SIDERH_SIN		0.00	214.40	18.45	12.74	52.68	-150.01	11.18	6.08	3.92	2.90	-5.98	3.87	0.99	-0.54	1.44	-3.36
DRAGRH_COS		-141.03	219.67	7.72	0.01	23.87	42.78	-35.70	5.18	3.09	-5.80	-9.52	3.83	-1.59	-2.19	1.93	8.34
DRAGRH_SIN		0.00	-30.65	1.07	-10.92	-18.10	191.23	-39.02	2.09	-6.36	2.15	8.72	-1.13	5.02	-1.01	0.82	-4.21

RUN	POINT	Harmonics															
55	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.46	-2.25	-8.66	-0.66	-0.61	-0.23	0.28	0.03	-0.24	0.01	0.03	-0.02	0.01	-0.06	0.00	-0.04
ACT1FORCE_SIN		0.00	17.48	-1.85	-2.67	1.23	0.23	0.08	0.46	0.28	-0.08	-0.01	-0.10	0.08	0.03	0.01	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		385.43	8.93	75.18	11.39	9.97	8.61	-4.72	0.00	0.00	0.02	0.00	-0.01	0.01	-0.01	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-136.02	13.71	29.04	-5.64	-4.27	1.76	0.00	-0.02	0.00	0.02	0.01	0.00	-0.01	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		420.23	-8.79	-75.36	-11.54	-9.96	-8.61	4.71	0.01	-0.01	-0.02	0.00	0.00	-0.01	0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	136.30	-13.55	-29.12	5.62	4.31	-1.78	-0.02	0.02	0.01	-0.02	0.00	0.00	0.01	0.01	0.00
MRBLD1CB42P75_COS		-1051.42	-1585.78	492.19	-61.67	-120.18	-74.47	-56.17	-23.70	11.20	-18.48	-1.10	5.80	-1.89	-5.57	2.76	0.54
MRBLD1CB42P75_SIN		0.00	1311.58	16.67	111.35	227.51	-57.77	-10.79	-52.68	17.47	36.13	-74.18	13.87	11.85	8.00	-4.24	18.82

RUN	POINT	Harmonics															
55	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4435.03	-1193.11	351.64	-131.26	-19.12	-102.81	-66.64	-17.90	11.85	-9.31	-20.72	4.64	1.67	-2.97	-0.54	9.41
MRBLD1CB70_SIN		0.00	997.98	-99.90	183.05	312.44	-95.78	50.45	-25.78	19.21	37.73	-27.69	4.58	6.60	4.93	-7.67	24.80
MRBLD1CB120_COS		-249.35	-709.04	269.85	-18.42	65.61	-92.61	-60.32	3.68	-3.02	5.53	2.29	-4.82	3.97	3.79	3.27	-0.81
MRBLD1CB120_SIN		0.00	748.32	-122.97	159.68	361.55	-83.05	72.17	-34.92	-20.89	-38.56	40.94	-1.77	-0.44	-1.07	-1.51	3.75
MRBLD1CB164_COS		-1987.28	-238.54	55.78	43.30	24.39	-55.39	-29.36	13.58	-12.75	6.21	19.39	-3.37	0.44	1.89	-2.31	-6.29
MRBLD1CB164_SIN		0.00	279.17	-41.07	82.60	157.03	-36.65	33.05	-2.95	-32.17	-48.41	26.97	4.92	-0.35	0.31	9.11	-16.60
MRBLD1FB42P75_COS		2511.47	380.40	125.99	806.65	3.76	-64.62	-99.29	-159.16	-81.30	-106.40	-20.67	10.59	-0.67	-0.72	-2.26	36.10
MRBLD1FB42P75_SIN		0.00	-233.03	364.72	348.25	480.97	187.07	25.34	-158.87	2.08	-48.91	-119.13	14.05	4.52	-4.54	-33.63	13.57
MRBLD1FB70_COS		602.82	99.52	44.78	230.68	-8.57	-16.41	-17.39	-16.22	-0.24	0.21	1.09	1.34	0.97	0.98	0.47	-6.64
MRBLD1FB70_SIN		0.00	-250.83	155.91	82.78	135.93	30.07	4.44	-22.41	6.11	5.94	3.30	1.80	1.31	1.40	6.46	-3.50
MRBLD1FB87_COS		59.59	114.07	-12.61	118.55	-14.61	-12.15	-1.24	12.80	12.89	20.24	6.63	-1.37	1.42	0.95	1.32	-6.97
MRBLD1FB87_SIN		0.00	-304.97	116.47	47.47	53.78	5.58	-2.48	13.09	-1.93	9.27	28.45	-2.44	0.59	2.62	9.35	0.02
MRBLD1FB120_COS		-306.97	139.60	-92.69	102.08	-12.91	-18.20	-0.99	18.24	-7.49	-8.63	-8.72	-5.98	-4.88	-2.41	-1.92	11.40
MRBLD1FB120_SIN		0.00	-433.23	131.72	121.19	10.68	6.57	2.44	39.70	-4.61	-8.64	-13.65	-3.14	-4.46	-6.83	-15.34	-0.39
MRBLD1FB164_COS		27.10	122.29	16.26	87.30	56.63	45.69	32.45	-15.15	4.54	10.81	6.49	1.74	1.69	-1.86	-2.34	-6.70
MRBLD1FB164_SIN		0.00	-554.39	217.76	238.93	-70.87	-45.48	-25.60	-59.46	7.48	13.03	20.73	-1.15	2.09	3.20	7.34	-0.30

RUN	POINT	Harmonics															
55	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.88	-21.17	56.56	16.82	44.00	46.82	20.09	-20.12	6.93	30.59	9.97	-15.71	-14.79	-7.74	-1.57	14.03
MRBLD1FB180_SIN		0.00	-389.71	149.76	140.54	-61.87	-24.79	-15.56	-52.53	5.48	21.33	56.04	-10.95	-11.60	-10.63	-19.16	-0.84
MRBLD1TOR51_COS		-1488.90	173.53	66.74	37.99	9.18	-24.04	5.51	-22.14	-3.83	2.46	-1.48	-2.79	-2.51	-0.36	4.02	3.19
MRBLD1TOR51_SIN		0.00	-130.95	151.87	81.21	16.59	9.30	-28.60	-29.17	3.29	1.36	8.36	-2.68	-5.10	-5.18	-5.23	3.43
MRBLD1TOR71_COS		-309.85	192.66	34.52	18.59	18.00	-11.39	14.06	-16.47	-0.06	5.36	-1.93	-3.25	-1.44	0.50	2.90	1.94
MRBLD1TOR71_SIN		0.00	-123.24	127.50	41.08	-11.45	7.10	-23.84	-16.07	5.24	3.38	12.72	-3.44	-3.89	-3.42	-2.12	2.40
MRBLD1TOR130_COS		-52.63	169.59	38.13	-10.63	23.48	-3.77	12.90	-11.53	0.89	1.66	7.92	-2.04	-0.39	-0.27	-2.11	-2.37
MRBLD1TOR130_SIN		0.00	-92.95	75.32	27.12	-27.84	1.22	-17.45	-18.62	3.56	-4.18	-0.14	2.66	2.87	2.82	3.39	-0.82
MRBLD1TOR164_COS		-269.10	90.56	27.89	-25.58	4.97	-7.09	0.82	-7.66	2.29	3.81	0.34	-1.76	0.52	0.32	-0.55	-1.03
MRBLD1TOR164_SIN		0.00	-22.44	12.27	-25.73	-7.86	6.23	-7.10	-6.31	1.97	0.67	2.52	-2.47	0.39	0.94	-0.08	-0.45
MRFBM2CB26P5_COS		1633.50	-973.18	-231.41	-19.62	-47.77	-8.26	16.31	1.18	0.62	-5.41	8.65	-0.21	0.67	0.57	0.60	-0.96
MRFBM2CB26P5_SIN		0.00	-593.77	53.11	60.09	42.95	-7.93	0.79	-0.98	2.32	0.38	-12.62	0.90	0.03	-0.05	-0.90	-0.34
MRFBM2FB9_COS		567.26	-73.51	-203.11	-137.20	28.59	23.66	10.54	1.08	2.61	2.01	-2.28	0.73	0.45	0.11	-1.07	0.53
MRFBM2FB9_SIN		0.00	20.51	-189.80	-172.42	-60.00	-8.32	8.05	12.31	2.53	2.70	2.89	-0.21	0.18	0.12	0.33	-1.48
MRFBM2TOR26P5_COS		-170.32	283.29	-3.27	1.12	-0.39	-0.41	0.87	0.23	0.10	0.20	-0.15	0.17	0.12	0.01	-0.07	0.07
MRFBM2TOR26P5_SIN		0.00	-3.12	1.09	-1.00	-0.39	0.21	-0.02	-0.05	-0.13	0.01	0.10	0.17	0.03	0.10	-0.07	-0.06

RUN	POINT	Harmonics															
55	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		281.15	-1213.32	410.94	-14.57	-108.50	-49.95	-54.38	-24.12	8.99	-12.86	5.09	6.76	0.53	-2.89	5.56	-0.41
MRPC1CB33P25_SIN		0.00	1169.86	2.62	53.08	160.83	-21.29	-21.47	-50.90	-1.59	1.33	-63.11	9.73	6.83	5.20	-6.09	17.60
MRPC1FB33P25_COS		1790.69	305.62	-20.77	631.84	-93.31	-103.93	-91.56	-63.04	-58.50	-49.02	57.93	3.06	-0.82	2.35	27.55	8.13
MRPC1FB33P25_SIN		0.00	0.17	291.28	424.89	408.55	131.00	-9.10	-201.25	-44.24	-95.39	-102.88	17.37	3.01	-1.89	-20.28	43.04
MRPC1TOR25P5_COS		-385.23	-99.30	-97.77	-0.54	-18.36	29.00	-6.26	20.78	5.47	1.08	11.24	4.13	3.58	0.71	-3.30	-5.15
MRPC1TOR25P5_SIN		0.00	-118.71	-155.84	-75.20	4.29	-10.58	35.93	25.23	-5.82	-7.57	-15.71	6.13	10.47	8.74	9.31	1.81
MRPLK1LOAD_COS		-9.32	-16.19	-12.64	-2.15	-4.23	5.53	-1.89	3.12	1.93	0.45	2.01	-0.22	0.38	0.26	-0.67	-1.25
MRPLK1LOAD_SIN		0.00	-9.48	-21.82	-13.42	0.04	-1.98	5.17	3.79	-0.73	-0.89	-1.72	0.07	1.43	1.46	1.51	0.41
PITCHRH_COS		8564.36	-9218.07	-452.58	117.64	-20.10	-99.72	60.11	-138.42	-7.01	-7.57	21.01	26.97	-7.57	27.30	-22.59	-121.10
PITCHRH_SIN		0.00	529.59	-709.50	-20.86	-8.15	1139.99	48.85	78.34	75.84	-77.01	-275.51	40.28	-22.98	-1.41	-17.95	67.70
ROLLRH_COS		2038.85	-436.72	872.81	-64.14	48.72	-2427.49	-144.79	75.85	69.90	161.91	227.07	-22.64	11.93	-79.83	56.83	130.92
ROLLRH_SIN		0.00	-9296.65	-389.20	166.19	272.79	972.32	-143.53	-134.96	-49.28	-23.00	-13.38	14.88	-42.01	27.18	-33.62	221.07
TORQ_COS		104583.15	477.87	-12.95	96.59	50.48	-38.17	7.79	11.61	-9.51	-0.11	-13.70	-3.72	2.59	-2.47	-6.15	3.82
TORQ_SIN		0.00	1252.67	-62.78	121.08	-141.12	7.44	16.66	38.75	-3.23	-6.20	55.77	1.71	-4.65	6.58	-3.17	-1.55
THRUST_COS		5637.02	-244.33	3.07	27.53	-2.13	42.00	6.93	17.39	3.69	-6.22	-3.76	-10.97	-2.73	2.15	0.16	-16.77
THRUST_SIN		0.00	-264.37	5.22	-4.63	28.12	-84.15	8.92	8.12	-3.79	3.08	52.18	-1.07	4.46	1.16	4.62	-23.08

RUN	POINT	Harmonics															
55	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.76	28.39	-22.61	6.06	-16.78	53.81	7.58	-2.35	-2.89	-6.54	-8.43	1.09	-0.43	2.13	-1.75	-3.59
SIDERH_SIN		0.00	216.42	3.85	0.95	-13.25	-139.89	-0.63	1.61	1.15	1.85	-5.33	0.09	1.19	-0.84	0.78	-6.46
DRAGRH_COS		-92.03	214.42	11.12	0.83	16.48	98.38	-15.40	-3.18	-1.19	-2.21	-6.89	-0.42	-0.49	0.06	1.44	6.15
DRAGRH_SIN		0.00	-22.92	9.05	-2.00	3.79	126.42	0.62	2.29	-4.23	8.72	9.67	-2.97	1.61	-0.05	1.59	-3.40

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.97	-1.89	-8.24	-0.87	-0.56	-0.15	0.27	0.11	-0.33	-0.04	0.05	-0.03	0.07	-0.04	-0.02	-0.07
ACT1FORCE_SIN		0.00	17.40	-1.47	-2.50	1.50	0.31	0.01	0.56	0.35	-0.06	-0.12	-0.07	0.01	0.05	0.02	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		361.12	5.08	71.23	15.01	10.28	2.53	-4.63	0.00	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-134.48	9.07	26.97	-11.86	-6.79	2.73	0.02	-0.02	0.00	0.01	0.01	0.00	-0.01	-0.01	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		444.57	-4.93	-71.40	-15.17	-10.26	-2.51	4.62	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	134.76	-8.91	-27.03	11.85	6.82	-2.76	-0.03	0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS		-972.63	-1416.68	508.47	-32.97	-69.68	-104.85	-71.39	-23.49	29.72	-16.98	-19.10	7.74	4.82	-0.49	1.63	9.83
MRBLD1CB42P75_SIN		0.00	1689.98	-11.47	153.29	198.33	-47.23	3.07	-88.96	16.68	36.72	-90.85	10.93	10.83	6.01	-0.71	19.08

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4483.19	-1084.45	361.56	-97.86	53.35	-171.73	-70.90	-22.41	24.99	-4.86	-31.20	3.21	5.95	-0.02	-3.79	22.00
MRBLD1CB70_SIN		0.00	1255.45	-124.35	229.81	253.63	-82.62	62.08	-51.54	11.23	36.72	-27.78	2.08	5.78	2.10	-4.00	18.22
MRBLD1CB120_COS		-207.48	-663.12	273.77	8.96	133.65	-170.00	-58.31	-13.97	-16.08	-1.52	11.02	-5.06	1.46	3.34	2.19	0.15
MRBLD1CB120_SIN		0.00	866.32	-145.25	186.42	305.08	-69.41	82.90	-56.28	-31.88	-44.10	48.87	-0.83	-1.22	-1.86	-3.66	2.74
MRBLD1CB164_COS		-1983.87	-228.34	57.61	58.03	49.32	-86.95	-27.62	1.86	-28.77	0.18	27.65	-0.24	-1.97	1.29	1.66	-13.71
MRBLD1CB164_SIN		0.00	309.10	-46.29	88.24	138.03	-33.49	32.47	-0.94	-35.37	-53.00	24.72	5.60	-0.58	0.53	7.96	-10.66
MRBLD1FB42P75_COS		2510.06	335.86	126.39	857.24	35.09	-31.24	-104.58	-221.99	-87.51	-128.86	-56.77	10.29	-1.47	-0.51	-9.66	39.53
MRBLD1FB42P75_SIN		0.00	-300.68	360.09	265.99	501.59	201.80	62.65	-223.84	13.74	-30.47	-140.43	4.03	0.40	-9.34	-30.76	-1.48
MRBLD1FB70_COS		596.26	93.34	44.17	245.70	0.62	-12.15	-18.73	-24.84	1.62	1.26	1.71	2.36	1.67	1.16	1.68	-7.52
MRBLD1FB70_SIN		0.00	-247.26	154.36	62.72	135.85	33.10	10.92	-36.85	4.96	5.36	2.44	1.31	1.56	1.66	5.51	-0.58
MRBLD1FB87_COS		53.53	105.99	-11.74	126.26	-11.40	-11.82	-1.71	18.00	12.93	24.62	15.12	-1.05	2.04	1.36	3.21	-6.99
MRBLD1FB87_SIN		0.00	-308.79	119.35	38.36	55.12	7.06	-3.74	18.56	-4.26	5.20	32.48	-1.00	1.09	3.38	8.38	2.51
MRBLD1FB120_COS		-315.87	131.29	-90.50	117.75	-10.18	-18.97	2.37	32.71	-8.86	-10.63	-12.18	-7.96	-6.90	-4.39	-5.68	10.90
MRBLD1FB120_SIN		0.00	-443.21	140.17	112.43	16.02	6.08	-3.23	60.88	-1.77	-5.69	-12.61	-0.94	-3.87	-7.03	-13.01	-4.27
MRBLD1FB164_COS		17.39	108.66	14.65	108.66	59.83	46.55	25.79	-34.20	6.57	13.86	11.57	3.23	3.46	-0.69	-0.98	-6.38
MRBLD1FB164_SIN		0.00	-565.41	224.39	232.07	-75.13	-46.51	-18.49	-91.82	4.59	9.78	21.57	-2.02	2.02	4.96	6.98	1.52

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-21.71	-31.45	55.12	27.44	42.01	49.84	17.04	-38.56	6.09	39.35	27.28	-18.79	-19.48	-11.59	-6.27	13.75
MRBLD1FB180_SIN		0.00	-394.75	151.88	141.27	-67.85	-28.58	-6.68	-79.60	-0.45	12.05	66.50	-4.17	-6.70	-8.94	-17.39	-5.35
MRBLD1TOR51_COS		-1502.60	175.59	73.09	47.64	12.79	-20.79	9.24	-33.39	-6.40	2.35	0.08	-3.44	-4.13	-1.97	2.91	3.58
MRBLD1TOR51_SIN		0.00	-132.37	150.27	77.18	15.37	13.81	-26.21	-45.15	2.21	-1.31	10.42	-1.22	-4.57	-5.51	-6.64	2.75
MRBLD1TOR71_COS		-314.11	192.11	39.31	23.22	18.16	-7.27	19.02	-25.30	-2.27	6.18	0.09	-3.92	-2.46	-0.91	2.48	2.35
MRBLD1TOR71_SIN		0.00	-129.79	127.55	37.60	-13.44	9.65	-23.81	-26.65	3.90	0.93	16.07	-1.00	-3.27	-3.92	-2.73	2.02
MRBLD1TOR130_COS		-48.08	169.50	40.66	-8.84	22.67	-0.89	16.28	-19.10	-0.59	-0.28	7.58	-0.39	1.08	0.45	-1.42	-1.99
MRBLD1TOR130_SIN		0.00	-97.31	74.77	26.01	-30.54	3.13	-17.89	-29.20	2.74	-6.03	-2.82	4.37	3.28	2.55	4.95	-0.09
MRBLD1TOR164_COS		-268.36	91.03	29.64	-28.98	3.84	-5.15	2.53	-11.42	1.86	4.08	-0.32	-2.25	0.95	0.46	-1.57	-0.43
MRBLD1TOR164_SIN		0.00	-22.91	10.64	-24.69	-9.62	7.72	-7.35	-9.45	0.77	-0.05	3.24	-1.40	0.37	0.65	1.19	-0.80
MRFBM2CB26P5_COS		1628.65	-981.39	-220.72	-2.98	-37.72	-12.07	16.13	5.26	1.78	-5.00	6.31	0.20	0.67	0.64	0.00	-1.17
MRFBM2CB26P5_SIN		0.00	-817.05	52.60	63.94	37.46	-1.15	-1.58	-1.91	2.77	1.76	-16.80	0.79	-0.12	-0.21	-0.86	0.16
MRFBM2FB9_COS		582.44	-113.38	-200.71	-157.91	24.20	22.91	12.84	0.86	3.12	2.70	-2.29	0.57	0.36	-0.02	-0.89	0.08
MRFBM2FB9_SIN		0.00	-51.43	-179.17	-160.01	-63.16	-11.54	6.00	17.01	2.29	2.73	4.04	-0.11	0.18	0.16	0.49	-1.86
MRFBM2TOR26P5_COS		-171.98	282.07	-3.01	0.83	-0.55	-0.03	0.89	0.17	0.09	0.22	-0.14	0.17	0.13	0.01	-0.10	0.02
MRFBM2TOR26P5_SIN		0.00	-17.40	1.32	-0.96	-0.26	0.26	-0.11	-0.11	-0.04	0.00	0.11	0.12	-0.04	0.11	-0.05	-0.09

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		397.03	-1057.09	432.19	4.37	-78.24	-55.98	-68.26	-28.95	19.59	-16.99	-10.21	8.43	4.46	1.36	3.65	7.89
MRPC1CB33P25_SIN		0.00	1467.68	-18.86	79.11	151.92	-13.57	-6.21	-79.95	-2.05	1.44	-78.39	7.32	5.83	3.59	-4.35	17.74
MRPC1FB33P25_COS		1750.24	279.54	-19.56	688.75	-70.06	-84.06	-109.21	-89.78	-69.87	-77.03	42.31	8.92	1.39	6.15	21.13	24.94
MRPC1FB33P25_SIN		0.00	-56.02	290.99	365.84	430.20	152.24	19.16	-278.25	-39.87	-94.33	-140.48	9.56	-1.33	-4.40	-24.56	36.95
MRPC1TOR25P5_COS		-405.41	-116.49	-104.61	-9.05	-20.51	24.98	-11.31	32.15	7.64	-1.31	7.07	6.06	7.94	3.22	-2.03	-2.88
MRPC1TOR25P5_SIN		0.00	-113.02	-153.70	-73.53	4.78	-15.82	34.57	38.82	-4.86	-6.21	-22.22	5.37	9.69	8.65	12.94	2.10
MRPLK1LOAD_COS		-5.74	-18.24	-13.75	-3.43	-4.45	4.61	-2.66	4.84	2.18	0.14	1.32	-0.15	1.22	0.61	-0.52	-0.71
MRPLK1LOAD_SIN		0.00	-8.26	-21.59	-13.24	0.29	-2.81	5.17	5.66	-0.76	-0.80	-2.63	0.38	1.46	1.27	2.32	0.59
PITCHRH_COS		7588.59	-8895.78	813.04	8.48	-29.94	38.74	48.61	-133.25	60.35	-29.48	-44.15	23.79	-4.05	3.31	-24.49	-76.84
PITCHRH_SIN		0.00	1882.54	-440.97	-129.99	-83.92	1103.82	83.30	26.67	91.63	-95.30	-281.59	33.60	-43.97	16.24	-5.71	146.74
ROLLRH_COS		3383.53	-1918.27	428.61	6.09	-99.88	-2285.12	-89.73	-8.86	81.80	154.69	199.25	-9.56	-16.98	-56.35	34.88	195.91
ROLLRH_SIN		0.00	-8973.06	907.39	79.67	42.22	1302.20	-157.78	-122.54	-70.28	-14.60	-93.97	14.18	-32.00	67.72	-33.19	157.55
TORQ_COS		103974.80	396.12	53.54	160.22	-6.18	-38.46	11.61	-1.24	-19.65	-1.04	-4.52	-2.26	0.46	0.72	-6.88	3.71
TORQ_SIN		0.00	799.98	-92.48	-14.75	-39.35	14.03	12.60	51.65	-8.67	-3.66	69.18	3.38	-5.55	5.92	-1.86	-1.99
THRUST_COS		5648.63	-90.34	24.33	16.96	7.23	29.94	7.63	17.87	3.40	-5.90	7.25	-7.47	-1.06	2.83	0.46	-22.43
THRUST_SIN		0.00	-69.64	19.33	-26.18	17.30	-94.21	7.65	17.97	-2.58	2.05	61.21	6.17	1.93	1.11	3.81	-15.23

RUN	POINT	Harmonics															
57	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-132.65	56.89	-14.00	3.79	20.33	39.64	8.19	0.74	-3.72	-5.33	-8.68	0.29	0.66	1.20	-1.21	-5.26
SIDERH_SIN		0.00	230.68	-22.62	-0.31	-12.78	-150.14	-0.99	2.98	2.41	1.08	-2.02	0.13	0.80	-1.72	0.80	-4.67
DRAGRH_COS		-74.36	238.81	-0.65	-0.97	4.13	101.72	-22.74	-3.09	-2.26	-0.09	-5.78	-1.14	0.68	0.04	1.45	3.69
DRAGRH_SIN		0.00	-52.86	33.95	4.75	8.10	126.01	-0.30	-1.55	-3.97	8.20	10.53	-1.96	1.91	-1.80	0.99	-7.27

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.74	0.33	-19.14	-3.91	1.12	-0.37	0.12	0.09	-0.23	0.02	0.75	-0.06	-0.08	-0.16	-0.20	-0.08
ACT1FORCE_SIN		0.00	20.14	5.14	-4.32	0.42	1.94	1.20	0.25	0.26	-0.18	-0.87	0.19	0.12	-0.01	0.06	0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.71	-9.10	205.12	30.56	-4.06	2.46	-7.86	-0.09	-0.07	-0.04	0.15	-0.01	-0.02	0.02	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-115.52	239.47	31.57	0.44	-8.96	-7.38	0.06	-0.01	0.06	0.00	-0.05	0.01	-0.03	0.05	0.03
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.10	9.26	-205.88	-30.83	4.65	-2.27	7.86	0.09	0.01	0.04	-0.14	0.01	0.02	-0.03	-0.02	0.01
FA1OBVOLTAGE_SIN		0.00	115.94	-239.75	-31.98	-0.15	9.05	7.40	-0.12	0.01	-0.05	0.00	0.05	-0.01	0.02	-0.05	-0.02
MRBLD1CB42P75_COS		-862.71	-1854.11	596.92	-105.32	-230.19	-98.42	-44.27	-12.05	16.32	-16.14	3.94	28.88	-2.08	-1.16	9.70	-4.14
MRBLD1CB42P75_SIN		0.00	1224.99	16.56	133.59	248.12	-132.80	-36.29	-57.71	22.15	32.80	-97.90	15.03	13.80	3.35	-3.48	20.53

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4564.36	-1392.58	451.95	-244.08	-204.39	-132.13	-36.48	-21.49	10.11	-4.81	-18.07	21.28	2.16	2.12	8.99	4.98
MRBLD1CB70_SIN		0.00	942.30	-48.96	134.97	470.20	-103.87	93.19	-29.48	25.39	33.32	-35.64	6.82	7.35	0.80	-9.24	22.65
MRBLD1CB120_COS		-178.49	-811.84	348.11	-155.45	-85.06	-111.25	-36.31	-7.87	4.58	7.53	-5.65	-13.69	1.44	2.99	4.42	-0.32
MRBLD1CB120_SIN		0.00	718.32	-89.56	126.33	529.07	-19.56	191.76	-53.34	-21.75	-29.43	42.68	-1.46	-0.11	0.30	-1.51	1.71
MRBLD1CB164_COS		-1982.83	-263.18	70.25	-53.96	-22.05	-64.21	-33.07	6.06	-4.18	5.27	14.90	-14.39	-0.38	-3.97	-9.62	-4.12
MRBLD1CB164_SIN		0.00	266.54	14.15	63.84	216.97	12.31	98.19	-12.77	-32.01	-39.30	23.69	4.48	2.57	2.19	9.06	-13.50
MRBLD1FB42P75_COS		2495.89	421.96	113.40	469.23	93.52	-77.74	-79.32	-168.11	-57.56	-82.95	-52.03	21.37	-2.18	-0.66	11.86	31.85
MRBLD1FB42P75_SIN		0.00	-226.85	192.54	632.94	297.22	140.11	20.85	-211.28	-32.50	-36.29	-159.82	0.94	7.19	-8.87	-42.16	17.90
MRBLD1FB70_COS		595.49	93.44	39.41	100.22	14.68	-22.29	-15.87	-16.19	2.42	2.14	0.63	1.53	1.17	0.36	-1.98	-5.62
MRBLD1FB70_SIN		0.00	-249.56	105.30	161.95	88.51	19.52	4.33	-29.95	3.85	6.98	3.85	2.12	1.68	2.99	7.86	-4.38
MRBLD1FB87_COS		52.76	114.37	-25.95	27.09	2.81	-13.23	-4.41	13.77	9.72	16.77	13.48	-4.21	1.64	1.02	-1.99	-6.33
MRBLD1FB87_SIN		0.00	-298.05	96.17	81.92	27.77	6.82	-1.08	18.07	2.52	7.24	37.88	0.99	-0.15	3.74	11.14	-1.30
MRBLD1FB120_COS		-312.13	152.48	-109.44	-21.67	-6.17	-10.31	-10.01	17.71	-10.07	-10.35	-8.52	-4.30	-6.37	-2.71	3.02	9.93
MRBLD1FB120_SIN		0.00	-412.72	134.05	148.67	-5.34	20.17	1.32	50.36	0.47	-10.21	-17.11	-5.41	-5.44	-8.39	-16.85	1.79
MRBLD1FB164_COS		42.94	63.18	-2.69	67.64	-15.33	56.22	40.66	-14.98	7.69	15.06	10.99	-1.33	2.35	0.11	-4.77	-7.23
MRBLD1FB164_SIN		0.00	-494.86	-17.47	312.40	2.46	-36.80	-22.76	-73.90	1.02	13.70	29.59	1.72	-0.08	3.98	9.33	-1.58

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.40	-74.67	33.70	51.74	0.42	49.60	25.93	-16.95	10.88	25.39	21.42	-18.22	-13.84	-8.65	2.50	12.78
MRBLD1FB180_SIN		0.00	-344.85	-59.25	173.48	-6.84	-18.98	-14.68	-68.38	6.16	23.33	75.39	-4.78	-11.78	-13.19	-23.25	1.46
MRBLD1TOR51_COS		-1499.45	81.98	128.46	106.43	-42.45	-18.75	5.49	-13.12	-1.13	-0.01	-2.61	-2.04	-2.85	-1.92	7.36	3.28
MRBLD1TOR51_SIN		0.00	-129.98	-92.58	175.42	31.03	-10.09	-16.04	-36.41	6.92	3.55	8.32	-1.57	-4.41	-6.54	-5.84	3.96
MRBLD1TOR71_COS		-313.13	109.58	87.17	99.80	-28.29	-5.68	13.30	-8.58	0.51	3.20	-3.45	-3.36	-1.49	-0.53	3.93	2.11
MRBLD1TOR71_SIN		0.00	-123.39	-99.45	121.55	5.46	-8.24	-12.57	-20.13	8.92	4.88	14.93	-2.40	-3.31	-4.19	-3.13	2.77
MRBLD1TOR130_COS		-47.15	83.46	85.07	92.59	-21.70	0.11	12.93	-5.98	2.83	2.11	6.14	0.09	-0.32	0.61	-4.81	-2.40
MRBLD1TOR130_SIN		0.00	-94.32	-146.57	90.94	-0.79	-12.36	-8.29	-22.23	4.53	-0.96	-2.99	2.83	2.75	3.07	2.21	-1.20
MRBLD1TOR164_COS		-270.69	30.13	57.79	59.60	-7.88	-8.61	1.28	-5.47	1.24	4.78	-0.23	-1.81	0.64	1.89	-2.37	-1.91
MRBLD1TOR164_SIN		0.00	-31.27	-124.55	2.57	5.55	-4.96	-4.43	-5.44	2.02	0.47	5.08	-2.16	-0.77	1.28	-0.06	-1.33
MRFBM2CB26P5_COS		1715.40	-839.89	-260.07	-47.19	-105.35	-3.37	28.98	8.84	-0.63	-4.04	8.57	-0.60	0.97	-0.03	0.35	-0.46
MRFBM2CB26P5_SIN		0.00	-1162.67	79.37	-7.30	22.49	-7.07	-6.68	2.75	2.89	0.61	-16.21	1.13	0.06	-0.13	-0.76	-0.18
MRFBM2FB9_COS		602.94	12.87	-244.38	-31.02	19.50	23.90	14.02	-0.18	0.91	1.65	-3.21	-0.17	0.48	-0.12	-1.51	0.43
MRFBM2FB9_SIN		0.00	89.82	-92.88	-210.69	-45.01	-2.46	8.56	14.72	2.49	1.88	4.63	-0.52	0.17	0.21	-0.16	-1.18
MRFBM2TOR26P5_COS		-167.18	291.89	-2.96	1.54	-1.42	-0.02	1.04	0.28	0.20	0.00	-0.06	0.04	0.05	-0.01	0.01	0.09
MRFBM2TOR26P5_SIN		0.00	12.92	4.38	-1.79	1.08	0.16	-0.09	0.00	-0.09	0.01	0.14	0.05	0.08	0.12	-0.10	0.01

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.39	-1407.37	478.84	-7.61	-135.33	-65.78	-58.57	-11.52	20.08	-12.04	4.47	22.35	0.05	0.54	11.98	-3.64
MRPC1CB33P25_SIN		0.00	1112.74	-19.49	95.30	107.41	-88.88	-49.05	-58.67	-1.82	3.54	-84.77	9.57	9.30	0.95	-5.37	18.29
MRPC1FB33P25_COS		1736.38	341.67	-10.65	300.90	20.53	-103.72	-72.79	-48.80	-25.27	-37.54	59.04	18.58	-3.55	8.07	42.91	1.00
MRPC1FB33P25_SIN		0.00	11.42	158.70	600.72	282.68	89.68	-7.81	-246.67	-61.25	-74.62	-150.71	15.07	3.44	-5.77	-13.65	41.62
MRPC1TOR25P5_COS		-402.30	22.74	-160.53	-87.30	39.33	22.70	-6.26	11.87	2.69	5.78	12.17	5.64	4.11	4.80	-9.80	-6.87
MRPC1TOR25P5_SIN		0.00	-124.85	100.17	-174.39	-12.22	8.23	20.63	31.47	-10.28	-9.14	-18.20	5.69	9.13	10.30	8.99	0.31
MRPLK1LOAD_COS		-5.01	-0.03	-20.47	-13.42	3.98	4.79	-2.43	1.93	1.34	1.20	1.82	0.26	0.59	1.20	-2.11	-1.56
MRPLK1LOAD_SIN		0.00	-11.20	12.36	-27.32	-1.93	1.08	3.17	4.67	-1.23	-0.94	-1.84	-0.05	1.14	1.64	1.19	0.13
PITCHRH_COS		5008.38	-9004.69	867.88	-18.38	-92.90	323.95	52.64	-193.51	5.61	11.73	133.01	28.98	33.51	94.35	-22.48	-150.04
PITCHRH_SIN		0.00	1750.46	-709.58	-87.61	-17.13	-872.11	-143.62	65.20	147.62	-156.15	-243.20	69.76	15.78	23.96	-9.73	94.80
ROLLRH_COS		1090.78	-1730.93	641.77	-23.33	-213.85	-1383.16	53.95	-11.97	91.29	209.71	238.72	-4.18	-12.04	-72.59	64.69	42.32
ROLLRH_SIN		0.00	-9200.28	887.31	-3.17	224.28	1644.94	-129.80	-169.16	-57.94	-15.28	-19.89	47.84	-50.48	50.62	-9.11	223.73
TORQ_COS		105835.43	326.74	49.73	151.36	26.07	-18.01	4.49	-25.11	-11.14	0.52	-14.72	-2.80	2.59	-1.61	-4.09	3.37
TORQ_SIN		0.00	846.66	-77.64	-67.82	-55.75	178.76	17.11	38.43	-7.46	-1.96	70.01	2.69	-5.94	6.78	-5.27	-0.26
THRUST_COS		5655.60	-98.67	19.50	7.13	1.29	37.17	2.45	4.94	3.35	-1.07	-3.41	-8.36	0.21	2.86	-6.81	-9.40
THRUST_SIN		0.00	-68.68	-6.70	-22.59	26.43	-65.95	10.76	18.31	-3.39	3.26	76.57	1.61	-0.66	-1.09	5.23	-27.13

RUN	POINT	Harmonics															
57	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.68	50.14	-20.04	-0.65	21.11	-62.50	0.56	1.96	-3.19	-8.51	-8.43	0.33	-0.18	1.93	-1.74	-1.15
SIDERH_SIN		0.00	231.56	-19.44	-7.94	-55.06	-196.58	0.15	1.72	1.83	0.35	-5.06	-1.16	1.15	-1.21	0.09	-6.16
DRAGRH_COS		-102.48	238.89	4.28	3.34	4.19	391.12	-16.49	-5.92	-0.64	-6.41	-17.74	-0.38	-3.35	-3.21	0.54	7.12
DRAGRH_SIN		0.00	-41.23	32.96	3.69	11.85	315.24	16.51	-3.20	-4.57	14.98	10.28	-3.11	1.97	-1.15	0.49	-5.21

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.78	0.00	0.01	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.02	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.20	0.65	-15.35	-4.70	-0.20	0.54	1.30	-0.19	-0.10	-0.39	-0.66	0.28	-0.11	0.02	0.43	-0.01
ACT1FORCE_SIN		0.00	19.82	8.63	-2.43	-0.29	1.26	-0.04	0.31	0.24	0.01	0.13	0.00	0.22	-0.01	-0.03	-0.13
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.38	-13.00	307.65	36.02	6.30	0.24	-10.60	0.01	0.03	0.03	-0.14	-0.05	-0.04	0.03	-0.02	-0.07
FA1IBVOLTAGE_SIN		0.00	-111.06	140.15	15.67	2.62	-3.98	8.78	0.06	0.09	0.03	-0.03	0.07	0.00	0.09	0.05	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.46	13.28	-308.72	-36.43	-5.54	-0.09	10.59	-0.02	0.01	-0.03	0.14	0.05	0.04	-0.02	0.03	0.08
FA1OBVOLTAGE_SIN		0.00	111.50	-139.85	-15.98	-2.88	3.94	-8.87	-0.10	0.00	-0.02	0.03	-0.09	0.02	-0.07	-0.05	0.02
MRBLD1CB42P75_COS		-878.01	-1674.97	588.52	-97.24	-226.48	-120.32	-44.79	-31.49	13.43	-9.70	-19.68	29.45	-4.05	-7.00	5.97	-1.78
MRBLD1CB42P75_SIN		0.00	1293.51	-6.79	140.13	267.32	-132.78	-44.49	-27.10	12.05	31.98	-55.94	10.51	10.31	6.25	-13.88	21.50

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4541.11	-1265.21	458.89	-254.65	-170.05	-126.70	-33.92	-19.61	9.19	-4.41	-13.95	21.18	-0.43	-1.54	3.09	5.04
MRBLD1CB70_SIN		0.00	1011.19	-82.69	172.56	505.25	-132.67	74.40	-0.42	18.15	28.68	-11.47	4.12	4.61	2.65	-15.22	24.86
MRBLD1CB120_COS		-189.41	-758.47	353.50	-153.09	-58.82	-81.94	-23.48	6.89	4.37	5.95	2.25	-15.26	4.57	4.76	4.30	-1.75
MRBLD1CB120_SIN		0.00	776.35	-116.28	162.73	559.24	-67.19	163.37	-14.22	-29.10	-35.66	28.85	0.11	1.05	-1.07	0.68	2.10
MRBLD1CB164_COS		-1991.71	-251.82	93.58	-54.62	-14.36	-39.88	-23.89	18.08	-0.20	6.94	5.62	-12.39	2.25	-1.49	-6.27	-2.29
MRBLD1CB164_SIN		0.00	290.59	7.93	96.37	222.45	-10.36	89.35	-6.20	-33.80	-40.10	8.69	4.96	3.65	1.98	12.50	-14.96
MRBLD1FB42P75_COS		2520.04	378.88	46.04	587.46	19.35	-104.80	-79.96	-160.66	-71.39	-77.27	-80.95	18.84	-1.28	-2.17	-6.41	35.27
MRBLD1FB42P75_SIN		0.00	-226.50	215.31	709.96	281.71	148.60	-4.41	-85.55	-56.29	-47.24	-82.81	-4.50	6.09	-5.53	-51.38	20.25
MRBLD1FB70_COS		601.52	93.72	23.80	134.73	-5.99	-27.99	-14.39	-14.31	1.10	2.77	2.57	1.32	1.12	0.95	0.98	-6.37
MRBLD1FB70_SIN		0.00	-248.40	113.65	197.07	83.36	20.39	0.01	-8.52	1.38	6.22	5.22	2.08	1.67	2.19	9.58	-4.96
MRBLD1FB87_COS		54.87	113.27	-26.43	44.82	-7.89	-12.92	-3.10	14.09	11.70	15.44	20.09	-3.85	1.77	1.31	2.40	-7.01
MRBLD1FB87_SIN		0.00	-303.20	102.66	111.06	23.05	6.08	-0.38	6.68	5.77	8.41	19.61	2.04	0.03	2.42	12.89	-1.61
MRBLD1FB120_COS		-313.40	153.09	-102.22	-6.38	-14.12	-4.38	-10.70	13.38	-7.79	-12.19	-12.98	-3.57	-6.04	-3.01	-2.60	11.06
MRBLD1FB120_SIN		0.00	-430.10	140.79	197.82	-7.52	18.48	10.75	19.30	4.04	-8.35	-14.03	-5.66	-4.67	-6.41	-19.99	2.64
MRBLD1FB164_COS		51.98	81.06	-95.10	89.97	8.33	56.45	40.24	-13.42	5.68	16.70	18.44	-2.64	1.66	-0.24	-0.91	-7.70
MRBLD1FB164_SIN		0.00	-491.09	20.33	311.58	26.62	-40.39	-29.13	-27.55	-3.60	11.05	20.45	2.94	0.03	1.85	10.48	-1.05

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.99	-60.72	-54.89	62.94	20.11	45.04	21.98	-12.31	10.90	24.88	35.19	-19.60	-13.48	-9.08	-3.12	14.22
MRBLD1FB180_SIN		0.00	-334.47	-26.57	150.69	13.06	-18.61	-25.66	-30.01	6.03	23.33	39.00	-4.20	-10.53	-11.08	-24.31	2.22
MRBLD1TOR51_COS		-1485.94	95.30	2.12	134.96	-27.65	-22.99	10.99	-12.46	2.52	2.35	0.78	-2.49	-2.29	-1.09	6.27	3.46
MRBLD1TOR51_SIN		0.00	-79.14	-84.60	120.70	49.71	-3.64	-23.99	-18.87	2.21	5.85	10.59	-3.97	-3.51	-5.54	-7.59	3.72
MRBLD1TOR71_COS		-300.13	119.46	-29.31	122.86	-12.29	-8.46	18.07	-5.15	3.58	4.26	2.41	-4.25	-1.55	-0.28	3.83	2.03
MRBLD1TOR71_SIN		0.00	-76.54	-91.01	65.71	22.15	-1.91	-18.05	-9.44	5.96	6.41	14.28	-4.06	-2.17	-3.95	-2.94	2.63
MRBLD1TOR130_COS		-34.57	93.67	-29.68	106.99	-2.57	-2.08	17.41	-3.37	3.72	3.18	4.06	-0.94	-1.41	-0.55	-3.69	-2.67
MRBLD1TOR130_SIN		0.00	-45.94	-136.16	30.35	13.51	-7.02	-11.64	-11.14	0.76	-1.51	-0.31	2.16	3.39	2.07	4.38	-0.97
MRBLD1TOR164_COS		-263.34	35.12	-14.94	64.26	2.04	-10.96	4.51	-1.25	0.57	3.62	4.23	-2.67	-0.69	0.60	-1.69	-2.30
MRBLD1TOR164_SIN		0.00	5.80	-120.37	-41.32	9.03	-1.33	-5.82	-2.30	1.99	-1.64	1.79	-1.29	-0.50	0.13	0.63	-0.36
MRFBM2CB26P5_COS		1691.49	-867.55	-239.81	-72.10	-103.39	-4.01	25.95	4.59	-0.61	-3.04	-0.67	0.28	0.79	0.06	-0.50	-0.65
MRFBM2CB26P5_SIN		0.00	-1018.45	82.37	10.42	35.91	-9.17	-5.18	-3.03	4.16	-0.54	-13.95	1.35	-0.02	0.40	-1.59	-0.39
MRFBM2FB9_COS		627.97	-78.00	-198.54	-50.84	27.25	25.73	12.68	4.17	0.32	1.24	-0.64	-0.30	0.50	-0.03	-1.77	0.92
MRFBM2FB9_SIN		0.00	99.39	-96.23	-240.54	-42.16	-1.70	8.81	9.33	3.64	1.76	3.75	-0.34	0.29	0.25	0.55	-1.29
MRFBM2TOR26P5_COS		-167.24	293.96	-1.53	0.97	-0.49	0.00	1.11	0.09	0.19	0.14	-0.03	0.11	0.10	-0.01	-0.07	0.11
MRFBM2TOR26P5_SIN		0.00	12.44	3.69	-2.01	1.34	0.22	-0.45	-0.15	-0.08	0.12	0.13	0.22	0.08	0.11	-0.09	-0.01

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		453.63	-1276.59	473.26	7.15	-151.95	-88.13	-56.77	-30.04	13.59	-5.97	-17.85	21.59	-1.33	-4.41	7.32	-2.19
MRPC1CB33P25_SIN		0.00	1149.22	-28.34	81.03	108.80	-79.42	-51.86	-32.22	-12.58	2.28	-52.20	4.47	6.78	3.06	-13.66	19.14
MRPC1FB33P25_COS		1756.03	305.11	-64.11	383.85	-38.47	-128.73	-65.03	-93.95	-26.79	-27.71	-7.69	19.66	-2.96	3.24	39.24	1.56
MRPC1FB33P25_SIN		0.00	8.87	167.23	687.00	253.05	86.85	-28.33	-145.19	-85.87	-80.23	-111.05	10.15	3.27	-4.53	-33.92	46.02
MRPC1TOR25P5_COS		-416.41	9.65	-27.55	-116.14	21.53	25.68	-11.72	10.29	-2.42	2.29	4.54	5.05	1.33	1.43	-7.05	-7.61
MRPC1TOR25P5_SIN		0.00	-180.52	90.37	-111.58	-33.51	0.04	29.56	16.66	-7.11	-13.54	-18.28	8.39	8.61	7.43	12.30	1.67
MRPLK1LOAD_COS		-6.86	-1.58	-2.90	-17.46	1.72	5.18	-3.03	2.09	0.61	0.47	1.09	0.00	-0.06	0.35	-1.48	-1.79
MRPLK1LOAD_SIN		0.00	-18.33	10.80	-18.93	-5.09	-0.29	4.78	2.41	-0.94	-1.83	-2.13	0.26	1.22	0.99	2.09	0.43
PITCHRH_COS		6621.36	-9007.29	757.26	2.53	-6.28	-488.09	-146.69	-131.90	30.38	-21.76	75.91	31.64	9.68	47.15	-35.04	-118.15
PITCHRH_SIN		0.00	1768.15	-709.94	-79.10	5.50	-996.71	-123.40	90.77	128.80	-153.66	-218.11	81.15	-38.81	-22.46	-4.71	77.09
ROLLRH_COS		1008.44	-1733.34	628.42	-89.54	-119.70	-1224.03	-38.18	27.75	38.51	210.08	240.79	-26.57	-19.18	-53.73	54.14	170.20
ROLLRH_SIN		0.00	-9212.31	811.89	7.09	253.87	1172.92	-240.71	-129.82	-74.68	1.10	17.70	14.89	-77.24	50.26	-13.17	267.40
TORQ_COS		105717.42	346.98	44.02	120.46	38.44	49.32	7.51	7.06	-12.18	1.05	15.27	-5.02	-0.30	-1.13	-3.77	3.91
TORQ_SIN		0.00	814.03	-74.86	-43.76	-28.85	146.06	16.18	49.01	-9.74	-0.76	51.02	5.00	-6.44	5.48	-3.89	0.46
THRUST_COS		5725.95	-104.55	10.52	12.37	6.39	51.01	4.21	14.07	0.97	-6.56	25.72	-8.12	-4.77	1.64	-1.19	-15.39
THRUST_SIN		0.00	-62.72	-11.17	-16.00	20.27	-60.82	12.81	13.05	-0.65	0.58	50.96	4.32	4.92	-0.28	10.08	-27.43

RUN	POINT	Harmonics															
57	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-162.23	48.58	-19.35	-3.12	6.41	-64.27	2.54	-0.35	-1.76	-8.82	-9.66	1.06	0.01	1.38	-1.79	-4.64
SIDERH_SIN		0.00	233.57	-17.34	-1.09	-42.62	-148.25	7.14	1.01	1.80	-0.57	-6.12	-0.61	1.83	-1.47	-0.03	-7.43
DRAGRH_COS		-86.69	240.09	6.13	1.14	5.74	427.80	0.87	-4.96	-1.87	-2.08	-14.21	-1.28	-0.49	-1.61	1.49	5.85
DRAGRH_SIN		0.00	-43.83	30.01	1.65	11.04	245.68	7.32	2.79	-5.08	12.78	8.17	-3.86	3.87	0.45	1.41	-3.48

RUN	POINT	Harmonics															
57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.29	0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00	0.04	0.00	0.01	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.69	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.59	0.06	-10.66	-3.92	-1.85	0.62	-0.41	0.08	-0.26	0.01	1.00	-0.05	0.03	-0.26	-0.24	-0.02
ACT1FORCE_SIN		0.00	19.39	9.38	-0.36	-0.05	0.00	-0.70	0.26	0.43	0.22	0.03	0.04	0.09	0.01	0.17	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.22	-8.27	347.23	28.91	15.37	1.82	8.23	0.03	0.02	0.02	0.10	0.01	-0.04	-0.02	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-107.25	6.21	-0.13	1.13	1.01	8.26	-0.06	-0.07	-0.02	0.20	0.02	0.00	-0.06	0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.64	8.60	-348.14	-29.39	-15.03	-1.75	-8.29	-0.04	0.04	0.00	-0.09	-0.03	0.04	0.01	-0.03	0.00
FA1OBVOLTAGE_SIN		0.00	107.66	-5.52	-0.07	-1.93	-1.08	-8.30	0.01	-0.03	0.03	-0.17	-0.01	-0.02	0.06	-0.02	0.02
MRBLD1CB42P75_COS		-895.06	-1603.76	576.12	-70.06	-155.11	-143.08	-62.56	-33.34	10.28	-29.31	14.52	27.77	1.40	-5.18	9.52	-2.66
MRBLD1CB42P75_SIN		0.00	1643.62	-38.96	160.64	326.19	-100.65	-37.54	-13.04	4.33	28.87	-69.82	-8.37	17.10	10.98	-8.66	26.75

RUN	POINT	Harmonics															
57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4531.75	-1224.72	454.54	-224.99	-27.31	-148.30	-41.96	-15.26	11.42	-24.55	5.92	18.98	2.59	-0.52	6.99	7.35
MRBLD1CB70_SIN		0.00	1243.88	-132.96	248.34	527.04	-135.98	56.96	6.94	12.64	29.11	-32.09	-10.59	9.51	5.26	-12.45	30.84
MRBLD1CB120_COS		-180.61	-742.75	344.98	-105.11	82.58	-96.59	-11.38	16.26	3.16	13.92	-6.07	-13.60	1.15	3.17	3.92	-2.23
MRBLD1CB120_SIN		0.00	879.30	-153.48	227.08	562.41	-104.18	130.09	-16.68	-27.20	-34.88	40.87	9.53	-1.35	-1.76	0.27	3.44
MRBLD1CB164_COS		-1990.53	-247.25	106.82	-17.13	29.91	-38.83	-10.73	21.73	-3.50	20.97	-3.99	-11.30	0.33	-2.52	-9.46	-3.93
MRBLD1CB164_SIN		0.00	318.98	-19.72	134.83	218.75	-34.15	73.29	-12.97	-31.88	-38.99	26.84	14.60	0.19	2.71	9.72	-19.44
MRBLD1FB42P75_COS		2521.34	363.03	23.76	860.37	-27.96	-103.68	-89.13	-146.52	-94.73	-77.19	-25.60	14.54	6.98	-1.28	1.84	43.08
MRBLD1FB42P75_SIN		0.00	-288.91	298.65	638.08	374.01	168.91	7.00	-51.95	-51.98	-64.72	-92.72	-16.31	6.56	-6.92	-52.86	23.76
MRBLD1FB70_COS		599.97	96.63	10.37	226.29	-19.06	-29.28	-16.94	-11.90	-1.41	1.76	2.94	1.13	0.24	1.24	-0.77	-8.08
MRBLD1FB70_SIN		0.00	-245.32	136.63	186.58	108.66	23.93	1.62	-3.42	1.19	5.58	3.38	3.00	1.83	2.29	10.17	-5.51
MRBLD1FB87_COS		52.77	114.46	-30.76	99.38	-21.70	-13.53	-2.71	12.93	14.56	15.60	7.56	-2.29	-0.36	1.32	0.66	-8.28
MRBLD1FB87_SIN		0.00	-306.37	115.59	115.71	32.58	4.62	-1.47	3.44	5.32	11.55	22.79	5.55	-0.05	3.05	13.62	-1.95
MRBLD1FB120_COS		-319.59	156.93	-96.41	61.22	-28.02	-3.48	-6.44	10.69	-5.04	-10.80	-11.19	-5.66	-4.73	-3.35	-0.39	12.81
MRBLD1FB120_SIN		0.00	-442.60	149.02	222.06	-5.88	11.13	10.41	12.15	2.44	-6.95	-12.52	-8.58	-4.67	-7.40	-21.51	2.48
MRBLD1FB164_COS		45.92	118.46	-150.45	130.55	58.30	55.65	42.68	-11.20	1.48	14.84	10.40	-0.61	-1.12	-0.23	-1.74	-8.09
MRBLD1FB164_SIN		0.00	-500.69	120.77	292.04	6.95	-39.91	-22.44	-18.04	-2.65	9.86	19.81	6.85	-0.46	1.93	10.85	-0.70

RUN	POINT	Harmonics															
57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-2.76	-27.33	-108.56	64.79	58.33	41.82	23.36	-9.15	10.20	25.15	8.62	-20.23	-16.34	-10.43	-1.32	16.68
MRBLD1FB180_SIN		0.00	-339.51	61.70	128.31	-0.13	-18.00	-22.13	-21.14	5.46	27.44	46.55	0.51	-13.68	-12.40	-27.46	1.70
MRBLD1TOR51_COS		-1477.75	134.51	-97.11	145.15	6.69	-25.28	7.45	-17.57	-0.28	-0.26	1.49	-3.37	-1.15	-0.98	4.85	3.78
MRBLD1TOR51_SIN		0.00	-42.31	-6.05	52.59	64.86	9.16	-36.03	-14.17	0.59	3.20	3.93	-1.68	-4.85	-4.65	-8.12	2.54
MRBLD1TOR71_COS		-293.26	154.58	-122.57	121.14	18.30	-10.02	16.36	-9.62	2.16	1.90	-0.04	-5.57	-0.44	-0.45	2.76	2.51
MRBLD1TOR71_SIN		0.00	-45.78	-17.60	0.40	30.63	9.49	-29.84	-7.06	5.65	5.08	8.55	-0.51	-3.69	-2.53	-3.58	1.83
MRBLD1TOR130_COS		-26.94	128.53	-119.69	88.18	29.52	-3.54	17.58	-6.61	1.97	1.81	5.39	-1.73	-0.29	-0.82	-3.49	-2.70
MRBLD1TOR130_SIN		0.00	-12.38	-63.92	-32.49	14.37	4.51	-21.63	-9.42	1.07	-3.05	-0.30	3.48	3.82	3.84	4.88	-0.12
MRBLD1TOR164_COS		-257.31	56.71	-74.39	38.78	14.52	-11.62	4.39	-1.61	0.98	2.17	-0.36	-2.78	-0.66	0.47	0.31	-1.98
MRBLD1TOR164_SIN		0.00	33.83	-78.50	-82.52	7.73	6.69	-12.44	-2.68	2.99	-0.50	1.47	-0.78	0.11	0.16	1.03	1.12
MRFBM2CB26P5_COS		1667.78	-1058.43	-233.71	-80.14	-83.45	-9.02	21.72	3.32	-0.25	-3.79	1.10	0.39	0.30	0.45	-0.39	-1.08
MRFBM2CB26P5_SIN		0.00	-931.08	83.04	49.31	63.58	-7.03	-4.74	-3.90	4.69	-1.43	-10.39	1.31	-0.47	0.55	-0.78	-0.02
MRFBM2FB9_COS		646.55	-100.91	-171.17	-120.75	32.92	26.99	12.72	4.74	1.19	1.20	-2.16	-0.55	0.47	-0.03	-1.75	1.19
MRFBM2FB9_SIN		0.00	-9.77	-131.26	-249.08	-52.30	-3.18	8.13	7.38	4.31	2.53	2.62	0.06	-0.09	0.19	0.28	-1.89
MRFBM2TOR26P5_COS		-167.52	298.81	-0.92	0.27	0.50	0.01	0.83	0.02	0.15	0.15	0.00	0.19	0.12	0.04	-0.06	0.11
MRFBM2TOR26P5_SIN		0.00	-0.70	2.55	-1.94	0.86	0.24	-0.66	-0.18	-0.18	0.11	0.08	0.14	0.03	0.07	-0.10	-0.05

RUN	POINT	Harmonics															
57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		452.29	-1186.12	468.18	23.33	-131.32	-102.49	-67.73	-31.99	6.34	-14.68	6.31	19.14	3.12	-3.10	11.35	-3.29
MRPC1CB33P25_SIN		0.00	1420.56	-42.99	70.06	165.85	-46.75	-34.66	-20.36	-17.72	-0.40	-56.46	-6.89	11.03	6.28	-9.72	24.63
MRPC1FB33P25_COS		1755.36	297.74	-86.83	624.20	-95.69	-132.58	-75.25	-96.65	-45.56	-18.96	39.01	25.22	2.98	3.73	47.05	3.30
MRPC1FB33P25_SIN		0.00	-46.00	230.37	677.28	318.64	104.07	-21.09	-112.99	-91.37	-93.84	-86.72	-1.23	10.23	-5.63	-28.45	54.81
MRPC1TOR25P5_COS		-425.90	-46.62	76.26	-118.19	-15.23	27.05	-7.26	15.70	0.40	4.46	5.87	5.67	2.07	0.86	-3.61	-6.62
MRPC1TOR25P5_SIN		0.00	-226.01	7.64	-36.15	-47.46	-12.92	43.26	12.77	-4.49	-10.91	-9.46	5.71	11.37	8.66	13.41	5.02
MRPLK1LOAD_COS		-8.24	-9.49	10.64	-17.98	-3.47	5.15	-1.99	2.69	1.13	0.66	0.88	-0.28	0.21	0.23	-0.93	-1.50
MRPLK1LOAD_SIN		0.00	-24.11	-0.27	-8.68	-7.34	-2.05	6.54	1.79	-0.50	-1.34	-0.77	0.23	1.66	1.60	2.30	1.04
PITCHRH_COS		7347.83	-8981.23	641.42	13.85	28.71	-1016.37	-182.19	-90.71	72.41	-45.20	182.22	31.67	3.27	51.29	-29.76	-76.91
PITCHRH_SIN		0.00	1753.69	-687.16	-98.37	-45.02	-217.13	21.48	62.67	167.36	-149.91	-276.57	29.05	0.35	30.90	2.32	101.42
ROLLRH_COS		3087.39	-1728.34	631.14	-99.98	-21.14	-1593.78	-149.60	17.46	26.06	217.97	207.23	21.08	-42.47	-18.22	66.82	190.14
ROLLRH_SIN		0.00	-9133.10	712.34	34.96	218.24	848.50	-192.06	-159.66	-71.44	-54.91	-6.45	-2.05	-15.72	12.78	-4.65	241.08
TORQ_COS		105458.19	403.90	38.81	109.73	13.19	66.84	12.97	13.04	-12.43	0.17	3.99	-2.83	1.50	-0.79	-4.96	3.85
TORQ_SIN		0.00	794.05	-80.63	-21.41	-66.60	65.49	13.42	43.02	-4.28	-3.93	41.92	5.15	-4.55	5.61	-5.03	-0.28
THRUST_COS		5788.91	-106.98	-0.33	17.69	9.86	58.36	7.63	12.78	1.29	-3.95	1.40	-4.31	-0.46	2.66	0.42	-14.09
THRUST_SIN		0.00	-57.25	-12.00	-11.75	19.07	-63.12	7.69	10.95	-4.37	6.86	45.48	6.15	4.13	-0.28	6.81	-28.37

RUN	POINT	Harmonics															
57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-147.79	48.12	-17.88	-3.98	-1.03	-34.75	6.71	-0.71	-1.55	-9.74	-7.71	-0.73	0.58	0.22	-2.25	-5.21
SIDERH_SIN		0.00	231.86	-14.22	-0.26	-25.67	-112.57	8.98	2.58	1.41	2.74	-4.36	0.23	0.38	-0.21	0.02	-6.71
DRAGRH_COS		-86.22	239.98	6.08	0.41	9.83	399.38	2.94	-3.07	-2.93	-1.03	-17.65	-1.33	-0.62	-2.21	1.76	4.84
DRAGRH_SIN		0.00	-46.72	27.31	0.83	7.16	133.50	-1.27	3.15	-4.86	11.93	10.47	-1.28	1.11	-1.21	-0.02	-3.68

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.67	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.15	-0.96	-4.43	-2.42	-3.21	0.47	-1.14	-0.04	0.04	0.03	-0.40	0.27	0.02	0.13	-0.09	-0.28
ACT1FORCE_SIN		0.00	19.08	7.72	1.35	0.36	-0.73	1.53	-0.23	0.17	-0.43	-0.65	0.21	0.11	0.19	-0.19	-0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.14	-0.80	307.44	11.26	23.14	2.67	10.16	-0.08	-0.08	0.02	0.06	-0.07	-0.02	-0.07	-0.03	0.04
FA1IBVOLTAGE_SIN		0.00	-109.59	-127.31	-10.26	-2.92	-0.01	-15.68	0.03	-0.06	-0.07	-0.16	0.07	0.01	-0.05	-0.10	-0.10
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.68	1.15	-307.97	-11.73	-23.54	-2.69	-10.11	0.02	-0.09	-0.01	-0.06	0.06	0.01	0.07	0.02	-0.03
FA1OBVOLTAGE_SIN		0.00	109.92	128.25	10.24	2.19	-0.08	15.66	0.02	0.01	0.05	0.16	-0.05	0.03	0.04	0.09	0.11
MRBLD1CB42P75_COS		-892.86	-1573.78	516.39	-60.53	-89.88	-156.50	-47.64	-19.54	11.58	-24.64	8.09	22.62	-0.35	-6.35	13.53	-3.62
MRBLD1CB42P75_SIN		0.00	1426.64	-61.62	171.41	320.23	-62.30	-36.93	-8.57	11.22	30.13	-82.27	-2.19	20.03	14.25	-12.50	25.91

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4524.82	-1180.08	412.50	-198.34	109.16	-171.30	-20.18	-19.19	16.84	-22.69	-0.81	16.27	1.56	0.14	9.47	2.69
MRBLD1CB70_SIN		0.00	1116.56	-173.95	297.39	464.13	-115.33	28.72	-1.45	17.00	32.59	-32.31	-6.56	11.94	9.39	-14.15	31.42
MRBLD1CB120_COS		-198.18	-713.18	309.63	-72.11	201.09	-122.20	6.27	-10.65	2.37	11.88	-10.18	-10.27	3.97	3.29	3.56	-3.17
MRBLD1CB120_SIN		0.00	850.16	-177.55	280.23	496.03	-116.10	72.56	-39.50	-31.51	-35.23	45.29	5.28	-2.76	-2.12	1.78	1.34
MRBLD1CB164_COS		-1993.24	-240.31	108.85	15.49	67.78	-48.40	1.16	6.33	-7.14	20.93	-1.95	-8.48	2.19	0.13	-11.14	-0.19
MRBLD1CB164_SIN		0.00	318.09	-48.07	168.67	196.48	-53.52	47.89	-24.70	-36.37	-43.28	25.15	12.10	-1.99	-0.08	10.44	-17.70
MRBLD1FB42P75_COS		2527.39	369.28	-28.14	1025.72	-118.94	-112.10	-103.42	-150.90	-105.72	-83.09	-52.31	16.72	7.24	-2.76	2.73	33.96
MRBLD1FB42P75_SIN		0.00	-240.17	364.24	620.10	483.83	185.27	-24.03	-54.95	-39.44	-80.91	-104.36	-16.97	6.84	1.11	-63.18	24.93
MRBLD1FB70_COS		602.77	100.09	0.28	286.95	-39.51	-30.05	-16.90	-12.09	-2.33	1.35	2.32	1.04	0.12	0.86	-1.30	-6.70
MRBLD1FB70_SIN		0.00	-249.87	152.42	189.69	135.63	29.33	-5.59	-4.21	2.60	4.64	3.16	2.73	1.73	1.11	12.38	-5.92
MRBLD1FB87_COS		55.85	115.31	-29.66	140.29	-33.05	-11.93	-1.04	13.21	16.17	16.76	14.31	-2.50	-0.35	1.66	0.72	-6.45
MRBLD1FB87_SIN		0.00	-311.20	119.55	122.51	44.74	5.18	-0.59	3.41	3.77	13.90	25.32	5.13	-0.56	0.66	15.56	-2.65
MRBLD1FB120_COS		-313.62	153.11	-90.80	118.25	-34.20	-1.14	-1.95	12.35	-2.73	-10.46	-11.56	-5.73	-4.10	-3.40	-1.25	9.87
MRBLD1FB120_SIN		0.00	-452.64	140.62	230.69	-2.99	0.68	17.19	12.60	0.23	-6.48	-13.39	-7.57	-3.69	-4.71	-25.01	3.70
MRBLD1FB164_COS		39.81	148.68	-181.36	138.95	89.89	49.63	33.49	-12.04	-1.74	14.01	14.79	0.54	-0.70	-0.08	-0.70	-6.21
MRBLD1FB164_SIN		0.00	-518.06	222.94	268.36	-26.15	-49.56	-25.52	-19.98	-0.14	10.85	20.31	7.51	0.93	-0.60	12.60	-0.64

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.55	0.18	-135.33	48.24	80.77	37.58	17.89	-11.12	7.74	28.11	22.95	-20.31	-15.32	-8.83	-1.42	12.34
MRBLD1FB180_SIN		0.00	-350.97	157.66	110.85	-23.64	-22.08	-26.34	-22.20	5.48	31.39	53.56	-1.06	-15.33	-11.02	-30.15	2.44
MRBLD1TOR51_COS		-1475.29	175.59	-167.27	118.65	31.54	-39.62	12.38	-27.30	-0.67	-0.85	-2.49	-1.61	-1.61	0.30	5.54	1.59
MRBLD1TOR51_SIN		0.00	-29.66	97.27	6.07	69.08	14.09	-43.83	-16.66	-0.83	5.29	7.13	-3.08	-5.20	-4.12	-7.60	0.91
MRBLD1TOR71_COS		-290.60	192.55	-183.31	89.23	41.72	-21.94	19.78	-18.70	2.46	1.16	-2.48	-4.18	-0.61	1.45	3.05	0.96
MRBLD1TOR71_SIN		0.00	-30.78	79.37	-44.44	32.00	13.14	-36.02	-9.56	3.99	7.11	12.37	-1.76	-3.93	-2.31	-2.87	0.79
MRBLD1TOR130_COS		-24.47	166.91	-175.15	45.53	54.31	-13.43	19.44	-12.95	1.54	2.13	4.54	-2.00	-0.19	0.46	-3.36	-1.83
MRBLD1TOR130_SIN		0.00	3.14	33.71	-76.35	9.80	8.81	-28.14	-11.52	0.25	-3.35	-0.18	3.62	3.90	3.49	4.87	0.80
MRBLD1TOR164_COS		-254.73	82.66	-107.70	2.54	23.91	-15.39	5.29	-4.09	1.70	1.88	1.71	-3.63	-0.42	0.35	0.92	-1.01
MRBLD1TOR164_SIN		0.00	48.48	-16.27	-109.90	5.60	12.97	-16.22	-4.54	3.63	0.05	3.39	-0.68	0.81	0.01	0.66	2.31
MRFBM2CB26P5_COS		1673.33	-912.51	-201.34	-80.99	-61.37	-14.25	15.42	6.62	-0.26	-4.13	2.49	0.44	0.39	0.29	0.06	-0.24
MRFBM2CB26P5_SIN		0.00	-870.78	72.46	82.54	84.78	-3.82	-6.08	0.42	5.48	-1.79	-12.73	1.30	-0.17	0.90	-2.10	-0.34
MRFBM2FB9_COS		624.02	-83.60	-123.50	-161.70	45.46	28.41	9.86	5.04	1.62	0.85	-2.08	-0.47	0.52	0.28	-2.01	1.01
MRFBM2FB9_SIN		0.00	82.95	-162.98	-259.89	-61.25	-4.94	9.15	7.79	4.32	2.81	3.54	-0.03	-0.14	0.20	0.26	-1.67
MRFBM2TOR26P5_COS		-167.41	300.86	-0.69	-0.21	0.89	-0.20	0.67	0.12	0.10	0.18	-0.04	0.18	0.08	0.01	-0.12	0.12
MRFBM2TOR26P5_SIN		0.00	-2.44	1.21	-1.62	0.33	0.05	-0.44	-0.05	-0.15	0.17	0.06	0.17	0.02	0.06	-0.11	-0.11

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.93	-1205.57	418.05	16.49	-132.65	-105.77	-57.12	-17.95	5.55	-10.66	0.24	17.04	1.91	-5.11	14.27	-4.10
MRPC1CB33P25_SIN		0.00	1240.80	-46.79	55.51	185.16	-19.73	-33.77	-16.78	-13.57	-1.64	-68.12	-3.04	13.25	9.83	-12.83	22.97
MRPC1FB33P25_COS		1763.62	299.90	-138.87	765.12	-192.31	-144.80	-76.85	-98.45	-58.94	-15.30	25.42	26.87	2.57	-2.68	56.50	-2.89
MRPC1FB33P25_SIN		0.00	-3.96	273.03	691.13	387.02	114.97	-51.87	-117.09	-87.54	-108.55	-110.95	0.00	10.49	-0.06	-33.59	48.93
MRPC1TOR25P5_COS		-425.79	-93.58	147.91	-84.09	-42.38	41.42	-13.35	27.22	1.14	5.24	10.33	2.72	2.29	0.74	-3.19	-4.38
MRPC1TOR25P5_SIN		0.00	-244.83	-102.76	15.67	-50.44	-15.73	49.76	14.52	-2.31	-13.96	-14.71	8.28	12.22	8.35	12.97	7.74
MRPLK1LOAD_COS		-8.34	-15.34	20.22	-13.70	-7.39	7.35	-2.70	4.19	1.35	0.94	1.75	-0.84	0.29	0.58	-0.84	-1.09
MRPLK1LOAD_SIN		0.00	-26.31	-15.04	-1.51	-8.19	-2.51	7.41	1.97	-0.24	-1.90	-1.39	0.70	1.82	1.60	2.28	1.47
PITCHRH_COS		7373.94	-8925.68	484.36	-15.97	22.35	-1416.17	-159.64	-92.51	78.79	-90.74	165.56	3.48	40.43	38.31	-12.31	-25.35
PITCHRH_SIN		0.00	1636.56	-570.15	-113.36	-55.96	618.45	126.23	30.11	96.62	-129.04	-313.00	9.01	-20.11	-13.13	-4.47	11.62
ROLLRH_COS		1216.76	-1686.16	498.27	-72.80	134.72	-2078.28	-174.44	86.63	69.92	177.10	183.34	-9.38	26.77	-51.95	69.95	257.72
ROLLRH_SIN		0.00	-9138.50	538.78	81.07	151.67	315.80	-152.07	-115.85	-97.51	-51.55	14.91	-8.55	2.69	1.88	-9.75	322.63
TORQ_COS		105538.77	337.38	38.28	126.64	-56.76	72.83	8.87	-24.09	-5.10	-0.48	4.87	-2.23	-0.22	0.23	-3.59	3.44
TORQ_SIN		0.00	801.42	-61.07	-19.63	-75.65	-13.94	15.75	18.99	-8.89	-1.96	56.64	4.37	-5.97	4.41	-3.63	0.48
THRUST_COS		5736.32	-92.62	-15.08	19.85	16.87	69.78	6.55	0.53	1.19	-2.03	11.72	-3.26	-0.65	0.85	0.97	-14.39
THRUST_SIN		0.00	-68.94	-9.79	-18.21	19.19	-64.37	9.54	15.67	-3.79	6.17	56.00	4.05	3.15	-0.76	5.53	-28.46

RUN	POINT	Harmonics															
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.19	49.21	-11.91	-2.64	-16.67	15.83	12.27	-0.88	-1.94	-7.59	-6.50	0.14	-1.41	1.30	-2.22	-7.18
SIDERH_SIN		0.00	235.86	-8.96	2.72	-5.62	-66.41	7.51	2.40	2.38	2.93	-6.32	0.36	0.25	-0.06	0.20	-8.95
DRAGRH_COS		-82.04	239.87	4.50	-2.53	10.79	306.31	-2.74	0.05	-2.30	1.81	-16.14	-0.46	-1.52	-1.24	0.10	3.62
DRAGRH_SIN		0.00	-46.08	22.94	0.51	1.87	8.67	-12.78	2.02	-3.09	10.39	9.58	-0.73	3.26	0.80	0.18	0.35

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	-0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.00	-0.77	0.00	0.00	0.00	0.00	0.00	-0.01	0.02	0.01	0.00	0.01	0.00	0.01	0.01
ACT1DISP_COS		2.67	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.58	-2.34	-0.91	-0.12	-3.35	-0.11	1.14	-0.13	-0.06	-0.08	0.46	0.38	0.04	-0.21	0.13	-0.09
ACT1FORCE_SIN		0.00	19.35	2.92	1.82	1.49	-0.47	1.71	0.23	-0.35	0.22	0.58	0.12	0.12	0.06	0.56	0.11
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		374.95	7.42	212.03	-6.64	24.70	0.65	-12.24	0.03	-0.01	-0.09	-0.13	0.03	-0.06	0.02	-0.03	-0.02
FA1IBVOLTAGE_SIN		0.00	-118.57	-224.95	-6.30	-9.23	-3.87	-14.48	0.08	-0.03	0.03	0.12	0.02	-0.02	-0.03	0.00	-0.07
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.06	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.81	-7.12	-212.10	6.24	-25.44	-0.70	12.25	-0.01	-0.01	0.07	0.11	-0.02	0.07	-0.02	0.05	0.02
FA1OBVOLTAGE_SIN		0.00	118.83	225.99	6.44	9.11	3.83	14.35	0.00	0.19	-0.03	-0.10	-0.03	0.00	0.04	0.00	0.06
MRBLD1CB42P75_COS		-898.76	-1712.65	451.80	-23.93	7.90	-132.72	-59.21	12.31	11.95	-13.66	14.30	11.86	3.95	-4.82	5.27	-3.40
MRBLD1CB42P75_SIN		0.00	1385.35	-57.03	177.93	264.68	-30.57	-42.70	-15.84	10.74	27.09	-74.77	-6.14	17.39	10.15	-18.56	28.35

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4534.77	-1261.88	344.07	-109.78	240.05	-145.67	-51.99	0.60	13.58	-12.00	0.23	6.58	3.81	-1.62	1.10	3.11
MRBLD1CB70_SIN		0.00	1079.64	-190.65	334.86	285.96	-107.97	-32.74	6.46	10.73	32.70	-41.03	-7.99	10.49	5.08	-18.16	34.38
MRBLD1CB120_COS		-181.58	-735.56	255.87	28.62	295.80	-107.89	-28.61	-5.62	-7.15	7.05	-11.06	-6.87	0.39	0.51	5.00	-3.52
MRBLD1CB120_SIN		0.00	832.01	-186.53	295.45	317.04	-135.89	-21.04	-13.73	-33.47	-32.89	50.26	8.29	-2.77	-0.54	1.19	3.41
MRBLD1CB164_COS		-1985.93	-247.23	92.02	82.26	93.87	-48.30	-3.81	-6.57	-11.46	10.45	-3.90	-4.94	-1.09	0.89	-6.53	-0.06
MRBLD1CB164_SIN		0.00	315.62	-74.21	167.04	135.52	-73.29	-1.93	-10.68	-36.63	-43.44	40.43	13.68	-3.65	0.83	14.54	-19.76
MRBLD1FB42P75_COS		2519.33	410.53	12.59	1188.20	-144.85	-93.62	-125.43	-62.57	-111.70	-89.99	-6.99	4.85	7.62	-0.80	-14.77	41.70
MRBLD1FB42P75_SIN		0.00	-239.97	456.34	381.84	615.45	212.02	15.45	-85.68	-24.24	-71.87	-70.10	-17.26	2.48	0.13	-64.00	29.35
MRBLD1FB70_COS		600.48	102.74	10.02	353.93	-44.83	-23.17	-22.10	2.25	-2.88	1.45	2.80	1.79	0.63	1.23	2.46	-7.84
MRBLD1FB70_SIN		0.00	-250.89	176.86	117.32	163.96	34.55	-0.65	-10.62	3.46	4.15	2.15	3.11	2.13	1.07	12.72	-6.80
MRBLD1FB87_COS		54.28	117.69	-20.70	187.29	-39.63	-9.88	0.71	5.12	17.29	17.57	4.12	0.49	-0.68	1.15	4.31	-8.40
MRBLD1FB87_SIN		0.00	-312.01	128.16	83.39	59.30	2.59	-3.82	5.34	1.40	12.84	17.82	5.23	0.88	1.58	15.99	-2.96
MRBLD1FB120_COS		-320.72	147.96	-77.82	180.45	-37.62	-9.12	6.64	-9.85	-2.91	-10.03	-10.66	-7.02	-3.76	-3.12	-5.81	12.87
MRBLD1FB120_SIN		0.00	-460.99	139.25	194.10	7.53	-8.33	9.64	21.52	-2.50	-4.65	-9.81	-7.86	-4.90	-5.70	-25.16	4.40
MRBLD1FB164_COS		17.68	183.34	-129.95	139.17	131.22	41.35	26.43	18.92	0.42	12.12	7.13	4.34	-1.45	-2.10	2.00	-7.32
MRBLD1FB164_SIN		0.00	-559.08	342.28	224.35	-74.60	-40.58	-15.56	-32.81	3.89	10.39	12.83	6.90	3.01	-0.22	11.59	-0.94

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-20.47	26.35	-87.32	23.64	104.14	37.23	13.19	13.12	6.81	31.66	2.80	-18.55	-17.48	-8.42	-6.84	15.71
MRBLD1FB180_SIN		0.00	-381.57	261.16	99.75	-61.24	-19.74	-14.49	-28.70	3.80	26.26	40.95	1.17	-15.03	-11.34	-30.47	3.84
MRBLD1TOR51_COS		-1482.78	218.08	-163.46	77.00	56.87	-41.63	11.21	-10.97	-4.14	4.63	1.21	-3.61	-2.24	0.10	6.46	0.50
MRBLD1TOR51_SIN		0.00	-47.34	228.01	-34.96	54.48	25.41	-34.93	-16.67	-5.76	4.45	4.72	-0.97	-5.46	-5.72	-8.77	3.78
MRBLD1TOR71_COS		-296.82	234.59	-177.49	40.39	62.57	-24.53	19.58	-8.80	0.25	5.82	-0.24	-4.82	-1.14	0.88	4.11	0.43
MRBLD1TOR71_SIN		0.00	-45.91	199.99	-76.04	17.61	22.06	-27.71	-10.17	-0.90	7.00	8.31	0.73	-4.37	-3.56	-3.18	2.64
MRBLD1TOR130_COS		-30.58	209.93	-166.22	-14.91	73.43	-14.69	17.20	-3.80	-0.95	3.64	5.87	-1.55	0.40	-0.51	-3.88	-1.00
MRBLD1TOR130_SIN		0.00	-10.83	150.54	-94.59	-9.60	17.41	-22.30	-11.87	-1.92	-2.86	1.28	4.57	3.66	3.52	5.68	-0.39
MRBLD1TOR164_COS		-255.35	111.83	-104.71	-45.56	26.18	-10.64	2.39	-2.61	2.23	2.07	-1.08	-2.20	0.49	-0.20	-0.74	0.55
MRBLD1TOR164_SIN		0.00	43.10	55.60	-111.42	-4.94	17.48	-12.42	-7.01	1.93	1.60	-0.11	-0.40	1.05	0.91	-0.41	1.12
MRFBM2CB26P5_COS		1689.30	-868.86	-193.23	-45.73	-13.14	-16.01	3.18	6.88	1.18	-4.85	3.44	0.29	0.17	0.68	0.48	-0.84
MRFBM2CB26P5_SIN		0.00	-925.75	53.70	115.34	85.84	2.41	0.88	-3.32	4.40	-2.02	-6.93	0.43	-0.72	1.38	-2.61	-0.59
MRFBM2FB9_COS		608.40	12.41	-129.18	-223.43	46.73	27.25	8.75	0.10	2.39	1.04	-1.80	-0.33	0.33	0.17	-1.98	1.08
MRFBM2FB9_SIN		0.00	66.29	-218.76	-217.50	-73.67	-8.61	8.65	5.42	4.32	2.88	1.91	0.38	-0.19	0.20	0.83	-1.67
MRFBM2TOR26P5_COS		-167.32	300.49	-1.34	-0.34	0.82	-0.45	0.73	0.16	0.06	0.25	-0.08	0.22	0.06	0.00	-0.13	0.07
MRFBM2TOR26P5_SIN		0.00	-11.17	-0.01	-1.06	-0.56	0.12	-0.04	-0.09	-0.11	0.14	0.04	0.11	0.04	0.09	-0.09	-0.10

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		438.19	-1321.11	371.97	10.53	-90.35	-90.31	-56.73	5.13	3.64	-4.76	6.94	8.76	5.39	-2.90	7.43	-3.31
MRPC1CB33P25_SIN		0.00	1218.54	-33.94	47.70	207.53	8.73	-27.04	-27.66	-7.92	-3.84	-53.88	-5.05	10.77	7.48	-18.40	25.39
MRPC1FB33P25_COS		1755.97	333.69	-119.00	941.42	-242.54	-136.26	-110.36	-15.18	-68.77	-23.83	39.49	19.26	7.06	-1.14	46.43	-2.66
MRPC1FB33P25_SIN		0.00	-3.07	350.52	523.99	485.46	141.68	-29.51	-106.51	-78.53	-105.42	-58.72	-8.40	8.05	0.66	-48.35	57.79
MRPC1TOR25P5_COS		-418.46	-152.83	142.09	-30.70	-69.20	44.76	-14.11	11.90	4.99	-1.73	5.70	5.60	4.50	-0.27	-6.17	-2.20
MRPC1TOR25P5_SIN		0.00	-230.27	-239.40	56.21	-35.29	-25.55	41.40	14.64	3.79	-11.59	-10.13	5.66	12.10	9.95	13.57	3.74
MRPLK1LOAD_COS		-7.42	-23.36	19.33	-6.65	-11.42	7.74	-2.71	1.70	1.89	0.00	0.84	-0.27	0.73	0.21	-1.27	-0.69
MRPLK1LOAD_SIN		0.00	-24.26	-33.10	4.27	-6.06	-4.27	6.06	2.14	0.53	-1.33	-1.02	0.48	1.73	1.74	2.53	0.80
PITCHRH_COS		6068.77	-8894.26	420.34	-15.67	54.82	-1258.55	-90.12	-108.04	10.51	-9.23	112.58	11.84	14.51	11.50	7.94	-19.10
PITCHRH_SIN		0.00	1537.61	-364.73	-85.42	-48.28	2031.80	79.90	8.47	90.40	-23.33	-344.21	-14.43	3.84	-45.32	5.42	4.11
ROLLRH_COS		1121.46	-1640.52	283.04	-37.52	129.30	-2808.51	-36.27	-27.86	6.92	95.75	191.37	0.69	-6.30	-67.11	21.61	340.50
ROLLRH_SIN		0.00	-9071.91	524.34	78.99	27.64	-82.77	-159.79	-57.84	-2.81	-49.05	1.95	-2.35	-4.83	-14.04	-9.64	357.34
TORQ_COS		105657.32	298.81	45.85	92.70	-90.40	53.22	11.57	-26.37	-15.50	0.86	-0.30	-0.95	2.48	-3.53	-5.45	2.95
TORQ_SIN		0.00	862.08	-46.10	-6.42	-81.17	-67.20	14.92	49.70	-10.98	-2.11	34.19	5.38	-4.69	4.78	-1.76	1.19
THRUST_COS		5704.78	-77.92	-18.91	14.76	19.57	80.58	3.87	7.40	1.07	0.05	2.21	-1.83	0.61	-0.44	1.53	-11.65
THRUST_SIN		0.00	-91.13	9.02	-15.75	17.39	-84.13	6.80	21.91	0.01	3.25	34.99	4.12	2.01	2.84	5.52	-33.30

RUN	POINT	Harmonics															
57	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.65	47.92	-7.79	-2.57	-13.04	109.04	7.59	-0.41	-1.70	-3.89	-7.13	-0.38	0.12	1.88	-0.59	-9.40
SIDERH_SIN		0.00	232.24	-10.47	3.52	12.83	-40.42	6.20	0.97	-0.88	3.17	-4.79	0.11	0.36	0.43	0.01	-9.67
DRAGRH_COS		-94.68	239.91	-1.24	-2.87	6.23	45.80	-7.13	-0.91	-1.36	-2.71	-13.96	-0.08	-1.27	-0.04	-0.65	3.11
DRAGRH_SIN		0.00	-46.35	21.12	1.27	-1.03	-94.12	-8.17	2.08	-5.33	1.89	11.15	0.08	-0.25	1.85	0.55	-0.48

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.70	-0.01	0.00	0.00	0.00	-0.02	-0.01	0.02	-0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.01	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.90	-2.84	0.23	1.80	-3.32	-0.34	1.56	-0.05	-0.58	0.35	0.16	0.16	-0.11	0.10	-0.20	-0.12
ACT1FORCE_SIN		0.00	19.43	-2.53	0.96	2.51	-0.18	-0.83	0.13	-0.03	-0.01	-0.98	-0.18	0.25	-0.04	0.18	-0.16
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.15	8.24	79.27	-17.81	26.89	-2.87	-11.55	0.08	-0.06	0.05	0.18	0.04	-0.02	-0.01	-0.05	0.02
FA1IBVOLTAGE_SIN		0.00	-126.14	-265.22	7.68	-21.91	-2.14	6.51	-0.03	-0.01	0.04	-0.04	0.03	0.01	-0.04	-0.02	-0.05
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.03	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		429.59	-8.07	-79.12	17.63	-27.33	2.84	11.36	-0.02	0.14	-0.05	-0.16	-0.05	0.01	0.00	0.04	-0.02
FA1OBVOLTAGE_SIN		0.00	126.34	266.00	-7.43	22.35	2.16	-6.54	0.01	-0.03	-0.03	0.03	-0.01	0.00	0.04	0.02	0.05
MRBLD1CB42P75_COS		-849.21	-1988.21	409.87	-14.59	51.02	-119.25	-70.90	57.20	7.92	-15.04	21.32	5.87	2.93	0.09	-1.04	-0.03
MRBLD1CB42P75_SIN		0.00	1318.32	-44.45	182.33	165.87	-26.24	-40.22	-57.34	27.43	14.45	-101.50	-7.99	11.93	12.40	-20.54	26.50

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4574.24	-1437.10	285.21	-52.24	279.01	-163.89	-86.37	35.06	10.28	-8.54	-14.99	3.13	0.98	3.48	-2.26	9.24
MRBLD1CB70_SIN		0.00	1013.12	-189.10	336.64	98.38	-128.36	-81.59	-24.32	21.68	24.91	-59.79	-9.99	6.78	8.71	-20.75	33.13
MRBLD1CB120_COS		-163.37	-795.13	210.47	93.85	293.51	-142.71	-64.97	12.78	-3.26	8.93	-10.45	-3.70	0.81	0.57	5.49	-1.08
MRBLD1CB120_SIN		0.00	785.62	-178.51	278.73	137.95	-174.20	-113.11	-28.82	-34.34	-28.63	58.40	7.34	0.04	1.23	0.46	3.75
MRBLD1CB164_COS		-1979.30	-257.75	67.62	126.53	88.53	-64.42	-10.19	-14.21	-5.38	8.88	10.02	-1.52	1.97	1.09	-3.54	-4.39
MRBLD1CB164_SIN		0.00	301.10	-89.44	148.70	70.56	-97.25	-54.78	-2.02	-42.99	-38.37	55.05	12.56	-0.39	-1.96	18.32	-20.14
MRBLD1FB42P75_COS		2506.81	485.37	85.33	1244.10	-219.87	-66.07	-128.82	-2.23	-103.72	-108.01	31.46	3.47	5.69	3.00	-23.85	42.05
MRBLD1FB42P75_SIN		0.00	-238.21	527.82	222.90	629.37	217.47	46.39	-222.91	-1.52	-76.82	-126.96	-8.72	-4.08	2.60	-51.77	20.00
MRBLD1FB70_COS		601.31	99.79	30.91	381.24	-66.64	-18.06	-22.93	12.17	-2.08	-0.01	1.15	2.38	0.78	0.63	4.21	-8.23
MRBLD1FB70_SIN		0.00	-249.74	193.57	68.31	159.80	35.58	3.55	-34.38	6.46	3.56	1.52	2.30	2.66	0.91	10.56	-4.77
MRBLD1FB87_COS		52.98	114.10	-9.22	210.06	-49.22	-10.87	2.30	-1.86	16.07	20.98	-4.10	1.32	0.02	-0.10	6.35	-7.98
MRBLD1FB87_SIN		0.00	-309.95	131.33	55.62	64.20	3.24	-5.00	18.88	-2.06	14.98	30.74	3.41	2.76	1.16	13.21	-1.21
MRBLD1FB120_COS		-322.57	139.17	-72.25	217.79	-27.83	-16.56	13.40	-24.29	-4.52	-7.75	-5.15	-8.10	-3.48	-1.95	-9.42	12.37
MRBLD1FB120_SIN		0.00	-456.67	129.24	153.46	23.73	-10.27	2.45	56.67	-6.37	-5.42	-12.16	-6.15	-6.78	-4.93	-20.69	2.00
MRBLD1FB164_COS		8.12	193.71	-57.26	126.52	166.49	42.06	16.94	41.07	4.25	9.29	-0.24	6.88	-0.12	-4.87	3.17	-5.83
MRBLD1FB164_SIN		0.00	-578.18	417.44	194.11	-85.17	-40.10	-10.15	-81.73	6.64	12.22	19.12	4.74	6.09	0.50	8.23	-0.01

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-28.58	37.00	-14.57	0.08	118.35	43.73	8.98	29.27	6.15	36.96	-10.76	-17.33	-16.57	-6.63	-8.99	14.51
MRBLD1FB180_SIN		0.00	-401.69	327.99	101.86	-75.65	-24.12	-4.46	-68.44	-0.20	26.60	68.29	1.30	-14.35	-11.27	-25.84	1.53
MRBLD1TOR51_COS		-1491.35	248.03	-97.53	28.83	63.06	-40.42	12.66	5.65	-8.50	6.01	-7.98	-3.03	-2.49	0.22	4.92	0.81
MRBLD1TOR51_SIN		0.00	-85.11	337.52	-35.66	28.05	29.40	-19.86	-38.69	-2.36	2.73	4.57	-2.01	-4.75	-5.97	-7.85	2.07
MRBLD1TOR71_COS		-305.17	266.46	-114.40	-9.77	68.74	-24.36	21.40	0.35	-3.19	8.02	-9.74	-4.74	-1.50	1.13	3.33	0.83
MRBLD1TOR71_SIN		0.00	-79.17	300.31	-70.72	-2.21	25.40	-14.18	-25.26	0.42	6.53	9.34	-0.36	-3.46	-4.27	-3.00	1.37
MRBLD1TOR130_COS		-38.87	242.91	-102.03	-68.51	80.42	-13.71	16.53	5.94	-3.16	4.40	7.75	-3.73	0.15	0.20	-3.35	-0.89
MRBLD1TOR130_SIN		0.00	-43.22	246.02	-79.54	-27.09	20.08	-12.08	-25.12	0.74	-4.24	0.40	4.41	3.33	3.24	4.84	0.16
MRBLD1TOR164_COS		-258.66	135.98	-64.63	-84.54	22.39	-7.77	2.20	-2.20	2.37	3.07	-1.73	-3.99	0.85	-0.25	-1.20	0.79
MRBLD1TOR164_SIN		0.00	21.58	115.99	-91.72	-17.78	18.21	-4.96	-11.41	1.82	3.01	2.57	-0.29	0.93	1.46	-1.07	1.79
MRFBM2CB26P5_COS		1749.52	-808.00	-194.41	-2.34	29.10	-12.36	-6.99	7.61	1.43	-6.21	9.75	-0.42	0.18	0.49	-0.46	-0.90
MRFBM2CB26P5_SIN		0.00	-1103.83	34.79	134.76	67.72	-4.19	10.38	-4.28	3.22	-0.10	-7.87	1.22	0.24	0.31	-1.14	-0.82
MRFBM2FB9_COS		592.01	183.66	-155.26	-250.81	50.10	25.85	6.58	-7.91	3.31	1.18	-3.70	-0.28	0.18	0.25	-1.59	1.15
MRFBM2FB9_SIN		0.00	42.92	-266.39	-185.68	-69.25	-10.24	8.04	8.15	3.40	3.86	1.93	0.50	0.03	0.08	1.13	-1.42
MRFBM2TOR26P5_COS		-165.60	303.13	-2.39	-0.18	0.70	-0.70	0.74	0.08	0.03	0.37	-0.24	0.25	0.07	-0.02	-0.12	0.07
MRFBM2TOR26P5_SIN		0.00	-20.48	-0.92	-0.43	-1.49	0.38	0.24	-0.11	-0.03	0.06	0.02	0.24	0.04	0.11	-0.06	-0.07

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		461.69	-1532.38	342.44	-10.54	-72.79	-65.37	-55.71	34.67	4.82	-7.68	21.89	3.55	5.15	0.07	2.21	-0.49
MRPC1CB33P25_SIN		0.00	1188.17	-22.93	55.29	186.45	16.97	-19.58	-62.72	8.86	-12.58	-73.54	-3.92	6.62	10.03	-19.78	23.85
MRPC1FB33P25_COS		1747.99	398.13	-71.22	1016.66	-306.50	-113.22	-127.07	87.44	-72.79	-36.10	99.90	11.57	9.14	-0.57	30.93	7.24
MRPC1FB33P25_SIN		0.00	3.08	417.89	399.57	476.63	152.92	-5.54	-190.68	-55.89	-118.69	-78.42	-3.55	2.13	5.41	-50.04	52.96
MRPC1TOR25P5_COS		-404.90	-199.37	72.38	24.79	-76.52	45.28	-16.77	-1.65	10.34	-2.45	21.00	2.09	4.32	0.64	-5.32	-0.68
MRPC1TOR25P5_SIN		0.00	-196.89	-353.37	53.77	-12.25	-29.63	26.13	35.14	1.36	-10.38	-11.58	7.32	10.88	10.45	10.80	5.97
MRPLK1LOAD_COS		-5.52	-29.89	9.94	0.78	-12.61	7.69	-2.98	-0.25	2.52	0.18	3.13	-1.17	0.55	0.49	-1.11	-0.38
MRPLK1LOAD_SIN		0.00	-19.72	-48.06	4.14	-2.77	-5.05	3.80	5.46	0.15	-1.19	-1.25	0.81	1.63	1.68	1.96	1.15
PITCHRH_COS		3338.68	-8874.20	520.16	2.18	103.24	-1116.40	-76.77	-49.28	-39.12	61.60	28.91	25.97	34.38	1.91	10.87	-96.53
PITCHRH_SIN		0.00	1440.43	-125.09	-87.82	-73.43	3080.95	240.38	-56.09	88.92	28.24	-439.78	-41.69	5.33	-81.65	9.53	-7.46
ROLLRH_COS		1177.68	-1620.35	112.64	-70.94	52.09	-3277.33	-134.49	-1.88	15.82	8.22	187.92	-0.53	-27.98	-59.74	31.34	294.29
ROLLRH_SIN		0.00	-9023.75	736.05	167.44	-74.57	-600.63	-50.72	-59.69	69.10	-32.72	-96.46	1.43	4.51	5.57	-4.87	201.04
TORQ_COS		106679.57	302.74	55.52	75.51	-86.92	53.72	9.88	-38.45	-11.51	0.22	-27.03	-0.45	-1.18	-2.78	-3.42	3.87
TORQ_SIN		0.00	892.02	-41.59	33.58	-58.99	-118.90	9.33	62.48	-9.51	-6.35	39.58	4.99	-6.17	5.36	-5.05	0.28
THRUST_COS		5647.69	-81.97	-10.94	20.76	15.53	81.53	5.63	8.14	3.61	-1.36	-15.89	-3.09	-0.97	0.97	-2.07	-17.85
THRUST_SIN		0.00	-97.26	34.65	-13.59	15.55	-102.80	7.91	29.39	0.35	-0.06	49.78	3.50	4.26	1.87	5.46	-31.42

RUN	POINT	Harmonics															
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.85	47.35	-4.89	3.28	7.13	187.54	18.16	-2.44	-2.35	0.70	-7.12	0.08	0.60	1.50	-1.03	-7.90
SIDERH_SIN		0.00	233.39	-18.55	2.53	21.59	-19.66	1.07	2.68	-2.38	2.47	-1.56	-0.57	-0.55	-0.47	-0.08	-5.16
DRAGRH_COS		-122.39	239.96	-7.86	-1.58	-1.47	-208.56	-17.50	1.82	0.92	-7.03	-7.07	-0.90	-1.76	0.77	-0.80	5.99
DRAGRH_SIN		0.00	-46.02	22.44	1.37	-2.26	-130.17	-29.52	6.53	-1.11	-1.04	14.87	1.29	1.12	2.91	0.99	-0.86

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.05	0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.48	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.65	-2.92	-1.01	2.85	-2.54	-0.31	-0.87	-0.12	-0.18	-0.09	-0.06	0.22	-0.06	-0.01	0.53	-0.12
ACT1FORCE_SIN		0.00	19.86	-7.04	-0.78	3.72	-0.03	-1.19	0.14	0.28	-0.29	0.49	-0.02	0.10	0.01	0.20	-0.28
FA1IBCURRENT_COS		-0.01	-0.01	-0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		378.67	4.58	-62.21	-18.95	18.44	-0.78	6.93	0.02	-0.06	-0.02	-0.12	0.03	-0.05	0.03	-0.02	0.02
FA1IBVOLTAGE_SIN		0.00	-129.76	-241.76	18.94	-34.71	1.99	8.48	-0.04	0.06	-0.08	-0.04	0.02	-0.04	-0.01	0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		427.06	-4.45	62.87	18.97	-18.22	0.77	-7.08	-0.03	-0.01	0.01	0.11	-0.01	0.06	-0.03	0.03	-0.03
FA1OBVOLTAGE_SIN		0.00	129.94	242.25	-18.72	35.28	-1.97	-8.28	0.01	-0.08	0.07	0.02	-0.02	0.03	0.01	-0.05	-0.01
MRBLD1CB42P75_COS		-812.15	-2088.62	381.40	-27.67	15.38	-100.24	-82.48	50.94	15.05	-23.69	16.00	-4.39	0.85	6.24	-17.30	2.13
MRBLD1CB42P75_SIN		0.00	1200.21	-28.25	161.20	104.91	-20.57	-25.09	-97.98	40.17	6.83	-87.61	-9.01	9.86	12.83	-16.76	27.77

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4594.06	-1505.93	256.90	-27.54	197.52	-170.39	-125.77	25.90	15.96	-17.79	-25.89	-4.09	-0.26	8.20	-14.29	13.87
MRBLD1CB70_SIN		0.00	930.87	-180.22	305.93	6.95	-138.83	-60.88	-64.88	27.59	19.32	-50.11	-11.09	7.16	5.31	-18.20	34.58
MRBLD1CB120_COS		-160.23	-824.50	198.87	120.47	214.77	-171.64	-113.10	4.77	-9.01	6.63	-3.15	-2.46	2.87	-0.23	7.61	-0.75
MRBLD1CB120_SIN		0.00	746.01	-169.69	251.73	69.90	-194.44	-100.83	-63.23	-40.98	-27.63	56.23	10.08	-1.04	1.99	-2.46	2.92
MRBLD1CB164_COS		-1978.19	-266.21	46.20	148.41	61.96	-83.37	-33.07	-14.84	-14.59	11.31	20.90	-1.35	1.88	-2.07	5.02	-7.58
MRBLD1CB164_SIN		0.00	288.48	-97.18	125.83	51.46	-113.99	-57.69	1.74	-54.47	-35.37	57.64	13.03	-2.28	-2.68	19.18	-21.99
MRBLD1FB42P75_COS		2516.66	514.62	118.91	1213.81	-181.34	-41.75	-116.29	-64.22	-109.22	-120.35	51.94	0.16	1.49	15.18	-43.44	46.59
MRBLD1FB42P75_SIN		0.00	-228.91	562.76	116.05	666.40	234.67	60.41	-337.61	21.62	-75.18	-128.31	-0.25	-10.93	0.88	-24.18	15.37
MRBLD1FB70_COS		606.45	102.66	38.03	378.73	-60.65	-13.44	-22.29	0.35	-2.10	-1.87	0.68	2.04	1.00	-1.09	9.12	-8.71
MRBLD1FB70_SIN		0.00	-252.38	203.46	27.51	169.51	39.01	6.98	-53.87	9.62	4.14	2.12	1.82	3.36	0.60	5.81	-3.77
MRBLD1FB87_COS		55.63	117.05	-9.26	215.58	-44.55	-12.44	0.65	2.90	16.59	23.33	-9.18	2.57	1.13	-3.00	9.95	-9.37
MRBLD1FB87_SIN		0.00	-309.10	133.71	26.60	72.75	3.05	-6.79	28.76	-5.34	15.19	30.07	1.26	4.32	2.18	7.14	-0.33
MRBLD1FB120_COS		-319.49	135.90	-84.70	235.69	-18.07	-25.81	12.13	-5.85	-5.08	-5.09	-4.19	-8.43	-4.49	1.33	-14.56	14.37
MRBLD1FB120_SIN		0.00	-450.58	124.68	108.83	35.01	-12.11	-6.12	85.69	-10.62	-7.05	-13.07	-5.42	-9.13	-6.18	-12.22	0.61
MRBLD1FB164_COS		12.02	189.13	20.15	117.64	164.28	51.91	21.27	19.15	2.92	4.48	-4.16	9.20	1.36	-7.91	4.81	-6.06
MRBLD1FB164_SIN		0.00	-597.81	441.22	188.17	-113.95	-40.86	-1.77	-121.14	14.47	15.30	17.60	2.45	8.99	2.65	2.40	-0.70

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-25.00	33.72	65.52	-12.56	108.20	56.28	14.99	3.98	2.20	37.36	-18.76	-15.88	-17.25	-6.15	-15.59	16.79
MRBLD1FB180_SIN		0.00	-421.36	347.99	121.72	-101.97	-26.01	7.83	-102.42	1.67	26.20	66.53	-0.33	-14.31	-12.88	-17.06	1.10
MRBLD1TOR51_COS		-1496.92	261.35	2.04	-22.13	60.74	-32.93	23.90	-6.08	-11.14	8.00	-6.77	-5.85	-2.57	0.84	2.95	0.95
MRBLD1TOR51_SIN		0.00	-131.72	397.83	-4.09	-3.08	29.09	-12.94	-61.53	-0.90	0.31	10.17	-1.41	-5.33	-7.53	-6.64	4.27
MRBLD1TOR71_COS		-312.00	281.32	-19.80	-57.56	66.96	-18.31	32.14	-10.06	-5.23	10.67	-8.85	-6.88	-1.44	0.82	3.33	0.44
MRBLD1TOR71_SIN		0.00	-121.19	355.30	-35.81	-29.39	24.35	-8.57	-39.85	0.65	5.01	13.08	0.69	-3.99	-5.63	-3.09	2.61
MRBLD1TOR130_COS		-45.80	258.32	-5.66	-112.73	75.42	-7.69	24.48	-1.18	-4.99	4.72	9.98	-5.46	0.23	-0.80	-1.69	-1.60
MRBLD1TOR130_SIN		0.00	-85.74	296.59	-36.75	-52.44	17.93	-6.61	-38.72	2.84	-5.58	2.15	6.17	2.85	3.65	3.45	-0.93
MRBLD1TOR164_COS		-264.47	148.78	0.03	-113.34	16.28	-5.19	6.15	-5.92	2.20	3.84	-1.57	-3.22	1.11	-0.98	-2.88	1.50
MRBLD1TOR164_SIN		0.00	-7.94	149.11	-58.14	-28.47	15.99	-2.64	-15.70	1.95	3.78	-0.29	0.81	1.04	2.70	-3.08	0.36
MRFBM2CB26P5_COS		1810.20	-694.38	-197.93	34.79	33.54	-18.20	-4.32	5.85	0.90	-6.51	13.56	-0.15	0.00	0.26	-0.82	-1.52
MRFBM2CB26P5_SIN		0.00	-1215.17	15.33	137.53	37.10	-0.31	15.59	0.05	2.88	-0.39	-5.08	1.84	0.00	0.46	-0.91	-0.89
MRFBM2FB9_COS		609.35	233.08	-167.99	-254.46	46.10	24.32	6.20	-10.18	4.06	1.42	-3.68	-0.17	-0.09	0.05	-0.66	0.66
MRFBM2FB9_SIN		0.00	60.49	-292.88	-158.15	-71.54	-11.98	8.43	15.44	2.72	4.13	1.12	0.75	0.06	-0.32	1.59	-1.73
MRFBM2TOR26P5_COS		-163.58	301.71	-3.77	0.35	0.11	-0.58	0.80	0.22	0.12	0.37	-0.29	0.30	0.06	-0.01	-0.08	0.08
MRFBM2TOR26P5_SIN		0.00	-20.46	-1.49	0.11	-2.02	0.59	0.42	0.03	0.00	-0.05	0.08	0.17	0.09	0.07	-0.05	-0.06

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		479.26	-1611.44	317.72	-38.97	-78.33	-42.86	-59.18	28.96	12.75	-13.37	25.39	-3.75	3.64	5.39	-11.05	0.69
MRPC1CB33P25_SIN		0.00	1103.71	-14.63	50.09	169.06	22.67	-14.50	-90.57	18.76	-17.74	-65.74	-1.61	3.61	11.57	-15.92	24.30
MRPC1FB33P25_COS		1755.62	418.62	-53.90	1011.49	-285.36	-97.97	-122.28	85.08	-86.33	-46.21	115.92	2.92	11.64	8.73	-5.55	12.48
MRPC1FB33P25_SIN		0.00	12.21	447.97	304.63	514.77	171.77	11.33	-306.38	-40.96	-124.35	-66.20	-0.36	-5.72	14.16	-50.64	53.90
MRPC1TOR25P5_COS		-392.96	-216.05	-34.04	80.22	-76.33	37.83	-28.79	11.19	13.46	-5.08	20.17	4.15	5.47	-1.02	-5.04	-1.09
MRPC1TOR25P5_SIN		0.00	-146.58	-416.49	16.66	20.77	-29.23	19.44	55.51	0.55	-7.17	-17.51	8.20	10.72	13.83	6.41	2.00
MRPLK1LOAD_COS		-3.93	-32.04	-4.23	8.28	-12.56	6.59	-4.74	1.80	2.93	-0.11	3.15	-1.00	0.79	0.00	-0.75	-0.58
MRPLK1LOAD_SIN		0.00	-12.93	-56.38	-0.84	1.90	-5.06	2.81	8.43	0.12	-0.68	-2.29	1.27	1.56	2.21	0.97	0.47
PITCHRH_COS		2216.63	-8946.04	732.61	66.00	55.73	-454.85	-31.03	-77.06	-128.97	100.77	-26.30	22.63	66.21	-48.63	9.23	-218.48
PITCHRH_SIN		0.00	1441.63	-3.66	-123.08	-140.31	3269.21	225.84	-82.60	37.83	21.29	-416.31	-49.07	23.74	-131.96	25.13	67.64
ROLLRH_COS		577.28	-1592.93	46.82	-19.96	-31.86	-3720.75	-129.10	-28.23	46.75	-10.13	141.27	-1.03	-39.66	-59.20	21.38	223.39
ROLLRH_SIN		0.00	-9014.65	933.98	212.91	-155.01	-200.88	-72.51	-58.68	79.57	6.98	-115.66	2.68	40.74	30.86	15.91	22.26
TORQ_COS		107804.66	332.03	72.28	136.11	-55.30	12.06	6.43	-33.62	-11.47	-3.92	-40.71	0.70	2.40	-1.97	-4.02	6.28
TORQ_SIN		0.00	907.75	-38.27	93.61	-22.03	-163.08	9.45	43.77	-15.59	-4.36	39.96	0.68	-3.52	4.24	-2.79	0.02
THRUST_COS		5672.50	-96.93	12.94	31.74	10.98	72.77	6.09	9.26	7.83	-1.78	-27.55	-4.85	1.43	-2.28	2.86	-23.96
THRUST_SIN		0.00	-100.41	46.74	-22.04	15.95	-123.68	6.77	23.79	-1.58	-1.27	44.96	4.49	3.15	2.09	4.09	-32.84

RUN	POINT	Harmonics															
57	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.66	47.77	-2.45	8.78	27.19	217.26	15.35	-1.15	-3.00	1.50	-4.34	-0.30	0.77	1.60	-0.95	-5.66
SIDERH_SIN		0.00	234.19	-25.34	7.38	23.88	-74.08	-0.70	3.09	-3.29	0.48	-0.30	-1.44	-1.70	-1.46	-0.44	-0.25
DRAGRH_COS		-128.68	241.11	-11.83	-5.49	-1.97	-300.03	-20.57	1.65	2.64	-9.37	-5.29	-1.92	-2.59	3.21	-0.11	11.06
DRAGRH_SIN		0.00	-44.54	30.25	2.41	0.28	-16.30	-26.35	4.65	-2.35	0.08	13.58	2.29	0.15	5.90	-0.03	-4.36

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.77	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.02	-0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	-0.01	-1.26	0.01	-0.01	0.00	0.00	0.01	0.00	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.02	-2.22	-4.61	2.26	-1.75	-0.50	-1.24	-0.55	-0.15	0.05	1.17	-0.08	0.08	-0.08	-0.18	-0.31
ACT1FORCE_SIN		0.00	20.32	-9.88	-2.11	3.69	0.05	1.36	0.45	-0.05	0.00	-0.54	-0.11	0.06	0.04	0.19	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	-0.05	0.01	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		376.84	-3.55	-172.18	-10.28	5.79	3.46	6.38	-0.04	0.07	0.00	0.14	0.00	0.01	-0.03	-0.03	-0.01
FA1IBVOLTAGE_SIN		0.00	-128.62	-151.61	29.09	-32.56	0.37	-12.39	0.02	0.06	0.03	0.09	-0.02	0.04	-0.01	-0.01	-0.06
FA1OBCURRENT_COS		0.02	0.02	0.05	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		428.88	3.57	172.76	10.47	-5.33	-3.50	-6.31	0.04	-0.04	0.00	-0.15	-0.02	-0.02	0.02	0.03	0.01
FA1OBVOLTAGE_SIN		0.00	128.80	151.85	-28.96	32.66	-0.42	12.57	0.02	0.02	-0.03	-0.06	0.03	-0.02	0.00	0.01	0.05
MRBLD1CB42P75_COS		-821.80	-1803.25	404.57	-37.33	-1.24	-72.90	-96.20	62.99	18.87	-29.40	46.38	-12.67	0.01	5.56	-15.06	3.58
MRBLD1CB42P75_SIN		0.00	1448.96	23.35	151.16	84.49	-28.78	-16.29	-114.27	40.97	14.16	-95.32	-11.98	8.31	6.22	0.42	25.18

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4585.18	-1332.75	264.20	-29.41	132.66	-157.87	-143.68	32.53	20.08	-19.16	-24.16	-9.85	2.23	6.38	-11.95	16.30
MRBLD1CB70_SIN		0.00	1076.72	-121.29	255.98	21.74	-133.71	-22.69	-80.83	23.50	28.38	-56.78	-14.55	6.93	1.73	-2.76	30.31
MRBLD1CB120_COS		-162.50	-759.30	214.83	115.85	156.29	-179.68	-130.26	14.46	-9.52	7.72	-10.55	0.45	1.07	3.10	4.76	-1.30
MRBLD1CB120_SIN		0.00	774.62	-124.43	190.74	99.27	-171.84	-50.68	-80.79	-40.50	-36.93	52.28	9.97	-0.73	3.56	-1.60	3.58
MRBLD1CB164_COS		-1977.59	-252.50	31.05	138.36	42.08	-95.78	-41.43	-14.42	-20.37	14.13	28.92	0.22	-3.49	-1.13	5.01	-11.10
MRBLD1CB164_SIN		0.00	285.99	-81.21	84.58	65.57	-99.32	-39.35	2.47	-55.40	-48.54	60.32	16.84	-2.90	-0.35	7.66	-19.55
MRBLD1FB42P75_COS		2518.15	436.68	169.53	1067.54	-113.85	-36.40	-128.08	-53.78	-99.99	-135.38	101.43	-10.39	-4.24	13.64	-11.19	44.89
MRBLD1FB42P75_SIN		0.00	-270.50	504.08	27.86	611.46	244.41	79.40	-407.56	28.11	-74.71	-183.74	9.58	-10.41	-8.38	-2.84	11.84
MRBLD1FB70_COS		610.64	99.60	46.24	333.74	-42.71	-11.44	-25.96	2.41	-0.70	-2.96	-0.25	2.10	1.59	-1.09	2.80	-8.59
MRBLD1FB70_SIN		0.00	-239.45	188.64	-8.69	156.18	42.14	12.09	-65.90	10.31	5.55	1.84	2.38	3.35	2.12	1.31	-2.85
MRBLD1FB87_COS		59.40	113.73	-12.38	190.86	-34.52	-13.13	-0.39	2.29	15.59	25.70	-21.41	5.01	2.25	-2.59	2.55	-9.05
MRBLD1FB87_SIN		0.00	-297.31	124.28	-0.44	68.51	5.04	-7.65	33.74	-6.28	15.01	42.83	-1.38	4.08	4.02	2.55	0.19
MRBLD1FB120_COS		-315.13	128.73	-99.28	204.79	-13.69	-33.30	11.39	-8.60	-7.72	-2.83	0.76	-9.60	-4.71	1.17	-4.03	13.99
MRBLD1FB120_SIN		0.00	-432.20	114.90	70.61	39.30	-8.33	-13.75	103.37	-11.00	-8.56	-14.95	-4.48	-9.18	-8.67	-4.71	-0.40
MRBLD1FB164_COS		16.97	159.38	92.10	88.92	142.91	59.39	22.12	27.31	5.88	1.72	-14.26	11.80	3.93	-8.11	-2.22	-5.42
MRBLD1FB164_SIN		0.00	-600.90	389.78	184.59	-110.36	-40.93	0.75	-143.92	18.83	17.53	23.86	-0.54	8.45	5.69	-1.89	-1.72

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-19.64	11.30	138.26	-22.80	90.41	66.32	16.27	9.20	3.94	40.81	-42.35	-8.67	-15.70	-4.09	-3.34	16.96
MRBLD1FB180_SIN		0.00	-430.66	306.11	135.65	-102.10	-28.76	15.66	-124.03	2.11	26.61	92.55	-3.81	-15.17	-13.43	-8.85	1.44
MRBLD1TOR51_COS		-1505.62	249.11	129.17	-45.50	45.35	-23.12	31.83	-4.85	-14.97	7.45	-9.32	-5.65	-1.81	2.73	2.99	-0.08
MRBLD1TOR51_SIN		0.00	-174.55	381.71	47.65	-18.56	27.13	-6.93	-67.21	-2.20	-3.70	8.29	0.39	-8.69	-6.44	-2.10	5.11
MRBLD1TOR71_COS		-319.97	266.36	96.51	-74.27	50.53	-9.88	40.97	-10.66	-8.87	11.13	-14.31	-4.57	-0.92	2.54	2.49	-0.46
MRBLD1TOR71_SIN		0.00	-164.12	339.58	17.96	-42.50	21.87	-4.11	-42.69	-0.72	1.38	12.78	1.41	-6.61	-4.15	-0.35	3.61
MRBLD1TOR130_COS		-54.68	244.91	107.11	-119.79	55.48	-0.24	31.22	0.02	-6.33	3.87	12.28	-3.07	-0.59	-0.17	-2.30	-1.22
MRBLD1TOR130_SIN		0.00	-130.92	279.99	22.16	-62.06	14.26	-3.44	-43.08	3.47	-8.45	2.31	4.56	2.19	3.51	2.55	-0.67
MRBLD1TOR164_COS		-272.49	144.08	73.65	-110.76	7.50	-3.48	7.80	-5.28	3.20	4.68	-6.40	0.74	0.72	-0.94	-2.95	3.09
MRBLD1TOR164_SIN		0.00	-42.20	142.55	-14.70	-31.87	14.32	-2.70	-18.24	2.12	4.37	1.51	-1.65	2.33	2.23	-1.98	-0.75
MRFBM2CB26P5_COS		1804.08	-788.55	-217.09	46.28	16.60	-15.24	3.18	5.13	1.56	-6.95	23.26	-0.20	-0.56	0.67	-0.73	-1.53
MRFBM2CB26P5_SIN		0.00	-1075.65	5.27	114.68	14.09	0.05	15.21	3.43	2.46	-0.55	-3.99	0.94	0.33	0.31	0.17	-0.35
MRFBM2FB9_COS		619.21	75.50	-201.44	-230.01	37.44	24.37	9.06	-13.23	4.05	2.07	-5.65	0.62	-0.02	-0.05	-0.06	0.64
MRFBM2FB9_SIN		0.00	-47.06	-273.87	-119.56	-65.94	-12.89	8.61	18.34	2.58	4.42	0.81	1.27	0.30	-0.05	0.61	-1.57
MRFBM2TOR26P5_COS		-164.18	286.87	-4.81	0.93	-0.43	-0.44	0.72	0.20	0.18	0.23	-0.24	0.01	0.14	-0.05	-0.06	0.07
MRFBM2TOR26P5_SIN		0.00	-18.04	-0.98	0.15	-2.01	0.61	0.55	0.14	-0.06	0.04	-0.02	0.10	0.11	0.06	-0.08	-0.08

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		479.40	-1364.04	348.12	-44.46	-59.94	-22.98	-70.03	38.45	16.21	-18.27	55.58	-8.43	1.76	6.14	-9.43	1.34
MRPC1CB33P25_SIN		0.00	1289.93	18.82	67.68	141.36	14.70	-15.44	-105.92	24.28	-16.15	-75.67	-0.75	3.07	6.31	-0.32	22.63
MRPC1FB33P25_COS		1755.79	357.16	-5.16	906.12	-217.68	-97.28	-139.13	120.18	-81.87	-58.46	184.98	-10.02	7.14	14.35	-3.99	14.23
MRPC1FB33P25_SIN		0.00	-28.21	405.91	206.63	485.52	182.05	22.29	-357.06	-31.50	-131.01	-79.04	-0.34	-9.42	6.71	-9.29	49.85
MRPC1TOR25P5_COS		-386.53	-201.65	-166.18	100.88	-60.68	28.34	-38.56	10.95	17.64	-3.90	26.45	6.61	3.61	-1.69	-6.98	0.71
MRPC1TOR25P5_SIN		0.00	-77.06	-398.57	-41.34	35.82	-28.48	13.55	59.30	1.95	-3.02	-14.42	3.01	13.95	12.63	5.20	1.14
MRPLK1LOAD_COS		-2.79	-30.09	-22.09	11.46	-10.24	5.17	-6.23	1.78	3.64	0.13	3.64	0.16	0.50	0.06	-1.28	-0.24
MRPLK1LOAD_SIN		0.00	-3.20	-53.78	-8.78	4.25	-4.66	1.64	8.78	0.57	-0.18	-1.55	0.03	1.94	2.18	0.82	0.42
PITCHRH_COS		4335.88	-8946.54	892.40	65.43	27.27	9.13	10.31	-141.69	-8.47	84.38	-66.90	16.80	87.75	-20.87	-18.91	-194.19
PITCHRH_SIN		0.00	1479.87	-89.60	-181.88	-168.14	2690.41	171.10	1.59	110.29	-27.83	-315.50	-13.97	-0.69	-50.32	-21.58	194.29
ROLLRH_COS		2412.11	-1587.45	142.74	113.84	-68.67	-3462.26	-31.74	25.90	34.44	28.66	165.25	-11.37	43.52	-37.07	56.24	105.09
ROLLRH_SIN		0.00	-9021.53	990.94	212.08	-127.31	517.06	-72.50	-82.12	-15.88	74.13	-122.72	2.01	49.55	-13.10	6.77	61.62
TORQ_COS		107786.82	372.56	75.29	211.08	-38.84	-61.02	3.73	-31.70	-12.93	-4.62	-77.78	-3.19	3.23	-1.71	-3.04	5.89
TORQ_SIN		0.00	888.27	-49.10	69.92	-10.46	-120.03	13.14	34.73	-19.45	-2.18	46.02	-0.12	-3.57	3.88	-5.17	-1.11
THRUST_COS		5701.72	-103.81	25.20	30.17	7.07	59.72	2.51	10.46	6.82	-1.14	-58.75	-5.98	-0.37	-1.90	-1.42	-27.77
THRUST_SIN		0.00	-93.76	48.60	-34.03	15.65	-129.86	9.17	20.09	-2.02	-4.19	54.52	3.87	-2.78	4.85	-1.35	-23.46

RUN	POINT	Harmonics															
57	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-134.82	44.61	-5.72	5.82	33.07	191.13	14.53	-1.04	-2.28	-0.62	-2.62	-0.35	-1.36	0.63	-1.57	-2.02
SIDERH_SIN		0.00	236.14	-25.55	1.19	17.47	-124.47	-5.14	3.78	-0.90	-1.76	0.00	-0.62	-1.32	0.23	-0.03	-1.88
DRAGRH_COS		-99.12	238.73	-15.29	-5.95	-2.06	-258.41	-33.27	1.46	0.99	-10.21	-2.37	-0.68	-5.01	2.38	0.64	9.12
DRAGRH_SIN		0.00	-45.09	34.62	2.79	0.53	77.56	-22.14	1.26	-4.35	3.49	12.40	1.13	1.55	1.84	1.38	-9.94

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.30	0.00	0.00	0.00	0.00	-0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	-0.70	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.67	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.71	-1.70	-9.89	1.80	-0.90	-0.51	1.76	-0.54	-0.49	-0.15	-0.17	0.20	0.06	-0.07	0.00	-0.16
ACT1FORCE_SIN		0.00	20.91	-10.99	-4.15	3.93	-0.35	1.74	0.89	-0.06	-0.31	-0.39	0.27	0.06	0.11	-0.31	0.08
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		371.15	-2.22	-219.98	-2.21	-1.68	2.00	-18.72	0.01	0.08	0.02	-0.02	-0.02	0.05	0.01	0.02	-0.05
FA1IBVOLTAGE_SIN		0.00	-129.01	-10.55	36.55	-26.42	0.00	-11.21	0.01	-0.09	-0.06	-0.11	0.01	-0.01	-0.02	-0.06	-0.03
FA1OBCURRENT_COS		0.02	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.06	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		434.56	2.23	220.51	2.41	1.97	-2.16	18.90	0.05	-0.01	-0.04	0.03	0.02	-0.05	-0.01	-0.01	0.04
FA1OBVOLTAGE_SIN		0.00	129.21	10.29	-36.58	26.07	-0.02	11.17	0.01	0.00	0.04	0.11	-0.02	-0.01	0.03	0.05	0.03
MRBLD1CB42P75_COS		-814.92	-1543.40	471.82	-47.18	-58.14	-63.22	-99.32	46.51	15.53	-38.02	53.91	-33.65	-1.95	8.08	-5.16	6.96
MRBLD1CB42P75_SIN		0.00	1736.95	69.55	157.96	44.97	-44.39	-5.90	-138.37	46.59	27.28	-134.46	2.11	5.13	4.89	10.82	19.99

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4582.92	-1186.82	313.17	-35.95	26.67	-184.42	-162.74	16.08	14.81	-20.46	-19.40	-24.85	2.03	8.33	-2.09	22.74
MRBLD1CB70_SIN		0.00	1276.79	-67.61	207.53	22.33	-135.32	17.12	-93.91	26.46	40.38	-60.34	-4.37	2.41	1.24	2.16	28.11
MRBLD1CB120_COS		-171.21	-716.42	256.79	83.07	58.01	-227.27	-166.23	5.20	-6.97	11.98	-21.16	8.26	1.77	3.70	6.12	0.31
MRBLD1CB120_SIN		0.00	865.05	-91.85	131.74	122.84	-153.99	-2.62	-79.75	-35.63	-44.74	64.19	3.81	1.26	1.85	-3.17	5.64
MRBLD1CB164_COS		-1982.91	-244.54	25.83	109.50	9.27	-121.62	-63.08	-9.70	-19.39	17.40	25.99	10.33	-3.66	-1.78	-1.59	-14.98
MRBLD1CB164_SIN		0.00	305.29	-59.03	40.56	79.47	-89.90	-21.24	12.45	-52.17	-61.19	52.83	13.69	2.55	-1.15	3.93	-19.62
MRBLD1FB42P75_COS		2525.02	371.17	228.34	807.89	-115.30	-4.46	-129.32	-106.49	-82.60	-156.12	46.70	-12.65	-11.58	12.51	13.59	40.51
MRBLD1FB42P75_SIN		0.00	-341.08	435.39	11.16	574.57	247.36	76.97	-445.65	36.70	-66.91	-251.02	27.12	-10.65	-12.40	-9.47	5.60
MRBLD1FB70_COS		609.28	101.21	60.62	248.73	-45.98	-5.08	-28.44	-7.89	0.47	-3.74	-0.87	2.68	1.98	-1.37	-1.59	-7.34
MRBLD1FB70_SIN		0.00	-245.58	174.54	-28.23	147.56	43.55	13.24	-72.67	11.08	7.20	1.65	1.65	3.38	2.61	2.03	-1.50
MRBLD1FB87_COS		56.53	113.90	-14.25	141.22	-31.59	-12.79	-2.10	6.44	13.85	30.08	-9.28	6.51	4.21	-2.11	-2.67	-7.90
MRBLD1FB87_SIN		0.00	-302.47	118.86	-23.33	67.39	5.89	-6.36	37.13	-7.64	13.90	59.19	-6.47	4.33	4.96	3.86	1.15
MRBLD1FB120_COS		-315.52	131.12	-111.82	152.59	2.50	-36.67	10.39	7.47	-10.89	-4.28	-1.52	-12.55	-7.64	1.05	3.01	12.36
MRBLD1FB120_SIN		0.00	-435.80	114.49	28.89	39.30	-6.01	-16.12	110.33	-11.64	-11.88	-21.74	-0.86	-10.35	-10.31	-7.76	-2.41
MRBLD1FB164_COS		26.86	126.39	150.06	57.40	135.91	54.82	24.35	7.80	7.66	3.84	-8.92	13.39	7.06	-6.84	-8.30	-6.70
MRBLD1FB164_SIN		0.00	-618.71	306.77	193.79	-110.37	-36.62	0.61	-154.94	20.71	22.43	35.60	-6.32	8.05	8.44	0.99	-1.91

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-10.25	-17.90	192.44	-26.48	81.37	65.58	16.45	-11.46	2.80	45.10	-18.79	-4.92	-17.63	-4.87	4.11	15.95
MRBLD1FB180_SIN		0.00	-445.53	232.10	156.70	-103.61	-22.54	19.54	-134.84	2.48	27.88	122.92	-13.05	-16.39	-15.22	-12.31	-2.20
MRBLD1TOR51_COS		-1510.43	222.20	245.54	-64.07	16.80	-16.71	25.63	-13.87	-17.80	5.66	-9.48	-2.98	-4.08	1.94	4.76	1.80
MRBLD1TOR51_SIN		0.00	-208.49	316.28	111.85	-38.76	16.81	-17.18	-70.52	1.71	-4.76	16.79	1.88	-8.23	-7.10	-1.79	6.55
MRBLD1TOR71_COS		-326.31	238.47	201.29	-81.78	25.91	-4.21	35.43	-17.35	-11.67	10.84	-15.72	-1.34	-2.69	2.07	3.25	1.16
MRBLD1TOR71_SIN		0.00	-201.01	277.96	80.65	-58.48	12.38	-14.15	-43.08	1.91	-0.16	23.62	0.70	-5.35	-4.82	-0.90	4.25
MRBLD1TOR130_COS		-60.37	217.20	206.49	-110.03	31.07	4.74	25.87	-5.65	-6.50	2.48	10.51	-3.24	-0.83	0.23	-2.81	-1.04
MRBLD1TOR130_SIN		0.00	-168.62	216.92	87.03	-72.16	5.42	-11.13	-45.82	5.70	-9.61	-0.18	3.13	3.77	3.14	1.64	-2.01
MRBLD1TOR164_COS		-279.39	127.63	137.33	-93.11	-6.91	-0.52	2.39	-7.73	3.40	6.61	-8.04	-0.47	2.31	-0.22	-2.80	2.34
MRBLD1TOR164_SIN		0.00	-68.55	104.45	29.30	-34.52	10.05	-6.66	-19.94	1.56	4.42	4.34	-5.48	2.27	2.62	-1.46	-3.74
MRFBM2CB26P5_COS		1803.55	-944.77	-247.43	58.96	-11.00	-13.77	11.48	5.53	1.52	-7.91	23.42	0.10	-0.08	0.54	0.05	-1.17
MRFBM2CB26P5_SIN		0.00	-973.44	2.59	71.38	-10.67	2.46	15.70	4.46	2.09	1.44	-16.21	0.35	2.13	-0.28	0.54	-0.87
MRFBM2FB9_COS		660.04	-80.79	-245.08	-168.94	39.96	22.59	10.36	-12.55	4.25	2.84	-7.14	1.73	-0.05	-0.15	-0.21	0.41
MRFBM2FB9_SIN		0.00	-152.14	-248.49	-92.80	-57.94	-13.78	10.02	22.15	1.87	4.64	3.00	1.10	0.74	-0.06	-0.19	-1.77
MRFBM2TOR26P5_COS		-164.11	276.20	-5.57	1.70	-1.20	-0.34	0.80	0.31	0.12	0.30	-0.22	-0.03	0.16	-0.06	0.00	0.04
MRFBM2TOR26P5_SIN		0.00	-15.90	0.12	0.17	-1.90	0.51	0.78	0.17	-0.12	0.15	0.10	0.28	-0.01	0.15	-0.09	-0.06

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		491.78	-1117.81	412.40	-44.52	-67.88	-7.11	-69.89	24.72	19.54	-25.60	51.71	-17.96	-0.39	9.16	0.97	4.65
MRPC1CB33P25_SIN		0.00	1497.01	40.34	105.48	100.08	1.49	-16.96	-123.33	29.44	-11.58	-115.67	8.58	1.05	5.00	7.90	18.74
MRPC1FB33P25_COS		1760.79	306.25	49.92	695.20	-211.12	-73.75	-139.33	93.85	-71.50	-77.21	183.89	-23.95	3.09	17.02	16.34	18.36
MRPC1FB33P25_SIN		0.00	-91.36	358.32	147.76	455.23	194.61	21.36	-408.03	-17.44	-134.75	-160.46	10.48	-14.79	3.47	6.74	41.85
MRPC1TOR25P5_COS		-382.03	-169.96	-287.79	114.09	-32.32	22.66	-32.71	19.26	21.19	-1.74	24.48	1.25	6.27	0.18	-7.46	-0.12
MRPC1TOR25P5_SIN		0.00	-22.43	-328.34	-114.83	57.60	-17.10	24.59	60.04	-1.84	-2.32	-29.03	-0.83	14.64	12.24	5.61	-3.74
MRPLK1LOAD_COS		-2.35	-25.83	-38.18	13.51	-6.26	4.60	-5.94	2.89	4.22	0.60	2.81	-0.63	0.86	0.45	-1.38	-0.12
MRPLK1LOAD_SIN		0.00	4.11	-44.24	-18.74	7.62	-2.82	2.87	8.78	-0.02	-0.13	-3.36	-1.19	2.32	2.06	0.65	-0.68
PITCHRH_COS		6426.74	-9000.77	1108.24	27.01	-58.58	484.32	145.31	-126.08	1.31	73.53	-64.14	-2.78	56.35	-25.40	-38.15	-167.35
PITCHRH_SIN		0.00	1520.18	-275.71	-225.22	-144.50	2092.91	219.68	-9.73	26.57	-35.87	-274.09	1.80	-45.42	5.70	-26.87	176.45
ROLLRH_COS		4531.89	-1570.53	305.64	108.15	-133.29	-3181.92	-18.60	84.38	-32.73	69.82	117.47	14.22	51.77	-56.03	60.09	102.61
ROLLRH_SIN		0.00	-9022.72	1099.33	185.34	-169.26	947.53	-118.53	-133.10	-61.83	39.98	-83.21	15.84	-21.84	-7.63	-10.77	102.44
TORQ_COS		107900.03	418.30	79.51	254.36	-2.28	-116.58	7.80	-29.90	-15.54	-0.16	-65.61	-3.42	5.86	-1.64	-2.80	5.52
TORQ_SIN		0.00	855.46	-78.48	41.37	17.84	-66.62	17.48	36.06	-22.42	-2.69	91.02	2.53	-6.69	3.73	-6.12	-1.74
THRUST_COS		5795.88	-107.27	40.10	29.33	2.95	40.07	1.63	10.54	8.21	-1.18	-48.79	-1.34	-2.21	2.43	-9.74	-23.80
THRUST_SIN		0.00	-86.97	36.65	-39.28	10.88	-134.47	11.82	16.09	2.10	-2.79	89.13	3.31	-1.56	2.54	1.29	-15.14

RUN	POINT	Harmonics															
57	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-125.53	45.39	-8.24	5.55	49.81	165.13	12.65	-1.39	-1.10	-2.22	-0.69	-1.89	-1.59	1.41	-1.37	-2.90
SIDERH_SIN		0.00	232.02	-27.96	1.86	21.26	-166.00	-8.10	4.69	-0.74	-0.76	-4.50	-0.18	0.65	0.28	-0.16	-3.61
DRAGRH_COS		-71.96	239.48	-12.87	-5.99	-2.22	-204.75	-33.88	-1.06	0.15	-7.65	-0.69	-0.12	-1.93	0.99	1.18	7.20
DRAGRH_SIN		0.00	-45.85	42.16	3.75	-0.18	210.79	-14.01	-3.30	-3.54	7.26	8.59	2.12	3.69	-0.65	1.69	-8.38

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.49	0.01	0.00	0.00	0.00	-0.03	-0.01	0.00	0.04	0.01	0.01	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	0.03	-0.01	0.00	0.00	0.00	0.02	0.00	0.00	-0.02	-0.01	-0.01	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.79	-1.39	-14.12	1.07	0.16	-1.23	2.76	-0.64	-0.46	-0.09	1.18	0.48	0.18	-0.01	-0.49	0.08
ACT1FORCE_SIN		0.00	21.16	-9.47	-5.24	3.88	-0.33	-0.53	1.05	-0.03	-0.19	0.02	-0.17	0.04	0.10	0.54	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		366.78	1.79	-197.34	2.95	-7.16	6.55	-20.50	0.03	-0.12	-0.06	0.07	0.08	0.00	-0.01	-0.04	0.00
FA1IBVOLTAGE_SIN		0.00	-129.36	133.11	37.94	-21.07	-0.22	11.74	0.06	-0.05	-0.02	0.19	0.04	0.04	0.02	-0.04	0.03
FA1OBCURRENT_COS		0.02	0.02	-0.02	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.06	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.94	-1.79	197.55	-2.76	7.02	-6.76	20.54	0.03	0.01	0.03	-0.06	-0.08	-0.01	0.02	0.04	-0.01
FA1OBVOLTAGE_SIN		0.00	129.61	-133.63	-38.12	20.71	0.36	-11.90	-0.07	-0.01	0.04	-0.19	-0.06	-0.03	-0.03	0.04	-0.02
MRBLD1CB42P75_COS		-815.26	-1809.26	480.35	-71.94	-104.18	-45.89	-99.99	53.97	12.59	-34.27	44.69	-34.82	-9.48	9.25	8.47	-0.91
MRBLD1CB42P75_SIN		0.00	1902.90	101.85	169.35	62.52	-78.89	-2.33	-111.69	51.66	35.85	-143.34	18.72	3.94	2.58	19.56	15.28

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4577.16	-1380.61	314.57	-73.30	-61.00	-164.60	-155.77	22.13	8.39	-16.93	-27.40	-23.37	-3.42	7.80	7.44	14.05
MRBLD1CB70_SIN		0.00	1379.04	-17.38	167.57	100.80	-139.86	57.30	-79.04	33.54	47.39	-83.31	8.04	5.43	0.23	12.65	21.88
MRBLD1CB120_COS		-177.73	-805.24	260.39	32.25	-23.46	-211.26	-167.45	22.29	-0.92	7.37	-12.78	9.32	1.63	2.38	1.61	-0.43
MRBLD1CB120_SIN		0.00	897.48	-61.45	86.19	196.99	-123.19	60.74	-83.36	-31.73	-46.60	65.14	-3.53	2.86	0.91	0.33	2.76
MRBLD1CB164_COS		-1984.13	-262.82	19.82	71.89	-18.42	-120.28	-68.49	-1.93	-9.86	14.14	33.37	10.13	-1.03	-0.77	-6.54	-10.90
MRBLD1CB164_SIN		0.00	309.88	-30.80	11.73	109.38	-64.42	6.79	1.12	-50.99	-66.29	68.03	5.16	0.15	-0.04	-4.37	-15.70
MRBLD1FB42P75_COS		2507.84	419.87	263.45	559.92	-93.14	0.16	-138.78	-42.83	-52.06	-152.31	81.84	-11.91	-18.63	12.40	43.81	27.54
MRBLD1FB42P75_SIN		0.00	-392.65	370.22	55.05	466.62	221.88	71.29	-419.11	23.79	-54.03	-237.36	36.37	-5.86	-16.49	-9.20	12.94
MRBLD1FB70_COS		607.06	100.67	73.26	166.70	-36.19	-3.27	-29.60	2.89	2.93	-3.47	-2.19	2.26	2.26	-1.91	-7.96	-4.10
MRBLD1FB70_SIN		0.00	-246.64	158.67	-21.64	123.81	38.88	14.81	-66.32	10.64	8.06	1.00	1.35	2.90	2.95	1.51	-3.19
MRBLD1FB87_COS		56.64	118.00	-8.91	91.24	-21.11	-13.17	-1.79	0.30	9.09	28.62	-16.24	5.43	5.97	-2.46	-9.55	-6.03
MRBLD1FB87_SIN		0.00	-303.15	112.86	-27.33	57.83	7.64	-5.02	35.23	-6.07	11.38	56.52	-8.97	3.41	6.50	4.48	0.00
MRBLD1FB120_COS		-313.92	138.90	-110.64	87.88	13.62	-37.11	14.13	-7.83	-12.35	-2.77	2.33	-10.98	-7.77	3.01	14.14	9.39
MRBLD1FB120_SIN		0.00	-430.01	119.91	13.45	35.11	0.40	-16.00	101.65	-11.10	-12.22	-19.51	0.80	-8.73	-11.76	-7.77	-0.68
MRBLD1FB164_COS		32.49	99.74	172.37	28.05	100.88	56.73	24.58	31.11	11.72	3.21	-12.87	10.90	9.16	-5.61	-13.41	-6.03
MRBLD1FB164_SIN		0.00	-606.83	206.18	209.32	-88.48	-37.88	-4.90	-143.13	18.28	20.54	33.96	-8.85	5.49	9.12	1.85	-3.34

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-6.38	-39.93	207.16	-21.11	58.32	69.28	12.66	12.07	4.30	41.78	-30.67	-2.68	-12.36	-1.39	17.55	12.80
MRBLD1FB180_SIN		0.00	-437.64	141.25	166.26	-86.16	-21.60	16.91	-127.31	3.99	22.76	115.06	-18.27	-15.68	-15.74	-10.10	-0.63
MRBLD1TOR51_COS		-1516.83	175.05	305.09	-52.87	-14.55	-7.92	11.26	0.06	-13.89	4.72	-7.98	-0.53	-1.93	4.32	4.05	2.03
MRBLD1TOR51_SIN		0.00	-221.65	210.68	158.79	-50.01	8.35	-17.29	-60.17	0.31	-5.00	10.14	0.82	-8.00	-5.31	3.32	4.57
MRBLD1TOR71_COS		-331.76	197.56	256.12	-60.46	-2.34	2.39	22.37	-6.69	-9.07	9.91	-15.48	1.39	-0.30	3.55	2.65	1.07
MRBLD1TOR71_SIN		0.00	-216.18	177.87	126.08	-65.44	5.92	-14.81	-36.32	-0.46	-0.47	17.16	-0.50	-4.50	-3.12	3.06	2.62
MRBLD1TOR130_COS		-64.86	174.15	257.16	-74.59	2.98	9.36	15.78	2.67	-3.25	1.65	9.48	-2.48	-0.63	-0.45	-1.37	-1.86
MRBLD1TOR130_SIN		0.00	-184.84	116.58	130.48	-71.97	-1.16	-11.96	-39.82	3.49	-7.65	-1.10	3.92	3.99	2.44	1.07	-2.02
MRBLD1TOR164_COS		-282.72	98.05	169.78	-57.44	-16.70	1.29	-2.27	-5.61	3.80	7.45	-10.38	-0.48	2.17	-0.69	0.74	0.42
MRBLD1TOR164_SIN		0.00	-82.65	40.49	56.92	-32.83	6.01	-5.89	-17.58	-0.74	4.78	4.30	-4.19	2.52	1.95	-1.54	-3.14
MRFBM2CB26P5_COS		1797.77	-1110.25	-259.66	56.13	-40.90	-8.14	19.48	5.29	1.33	-6.82	22.76	-0.58	0.74	0.44	1.04	-1.15
MRFBM2CB26P5_SIN		0.00	-1182.54	3.85	28.93	-17.93	1.86	9.60	8.81	1.12	1.42	-10.99	0.56	1.78	-0.22	0.18	-0.72
MRFBM2FB9_COS		645.21	25.61	-273.64	-106.37	36.02	20.76	12.51	-13.67	3.13	3.18	-7.46	1.71	0.05	-0.41	-0.44	0.52
MRFBM2FB9_SIN		0.00	-270.96	-219.13	-80.93	-47.37	-12.42	9.85	18.43	1.10	4.15	2.58	0.65	0.94	-0.12	-1.23	-1.01
MRFBM2TOR26P5_COS		-163.74	275.85	-5.84	2.27	-1.99	-0.04	0.74	0.29	0.07	0.28	-0.19	0.04	0.13	-0.03	0.01	0.02
MRFBM2TOR26P5_SIN		0.00	-16.92	1.75	-0.14	-1.47	0.58	0.83	0.06	-0.03	0.10	0.13	0.13	-0.02	0.13	-0.10	-0.03

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		496.18	-1285.55	412.59	-46.23	-74.53	-2.26	-74.01	34.85	22.24	-23.53	49.13	-19.29	-6.79	10.10	11.23	-2.35
MRPC1CB33P25_SIN		0.00	1643.41	53.55	140.72	83.53	-30.69	-23.11	-103.53	31.52	-5.26	-111.71	20.19	1.76	2.24	17.09	14.78
MRPC1FB33P25_COS		1743.88	348.65	84.06	481.01	-169.78	-64.10	-144.05	133.99	-42.23	-79.34	202.10	-29.28	-5.41	20.20	33.85	3.01
MRPC1FB33P25_SIN		0.00	-131.32	314.68	141.94	372.15	174.77	12.50	-361.17	-14.04	-122.34	-129.12	19.31	-15.61	1.79	33.90	34.21
MRPC1TOR25P5_COS		-374.53	-126.00	-349.79	94.19	2.79	13.22	-18.15	5.45	18.92	-0.04	21.49	-1.17	3.00	-3.48	-3.04	-3.89
MRPC1TOR25P5_SIN		0.00	-6.27	-216.84	-167.36	69.67	-8.58	23.38	51.15	-1.87	0.81	-19.54	2.87	15.56	10.32	2.89	-3.12
MRPLK1LOAD_COS		-1.30	-20.55	-46.13	11.47	-1.43	3.13	-4.16	0.90	3.81	0.95	2.04	-0.74	0.64	-0.19	-0.49	-0.89
MRPLK1LOAD_SIN		0.00	6.27	-29.54	-25.94	9.51	-1.56	2.48	7.53	-0.26	0.48	-2.18	-0.44	2.63	1.87	0.50	-0.84
PITCHRH_COS		4485.34	-9011.65	1197.02	-16.70	-91.36	620.29	224.31	-121.92	3.72	111.55	-91.02	-38.93	29.71	13.66	-21.27	-131.11
PITCHRH_SIN		0.00	1550.26	-488.16	-196.60	-171.67	1239.87	171.75	23.40	36.43	-3.21	-283.28	60.34	-30.65	32.83	-9.65	141.64
ROLLRH_COS		6803.82	-1603.75	464.75	108.40	-75.60	-2468.75	-4.21	95.29	-27.94	102.43	158.80	-12.59	3.37	-28.39	9.06	34.63
ROLLRH_SIN		0.00	-9051.97	1083.19	119.55	-157.55	1189.69	-107.57	-148.04	-51.13	6.59	10.83	-5.25	-44.19	-19.16	15.91	126.62
TORQ_COS		107746.80	446.59	74.92	285.15	33.95	-159.59	8.03	-32.43	-13.59	-1.94	-66.97	0.34	4.24	-2.47	-5.50	3.53
TORQ_SIN		0.00	873.41	-86.87	-18.81	26.75	24.34	10.80	14.76	-19.37	-4.92	67.44	-2.11	-7.53	2.89	-4.98	-1.65
THRUST_COS		5735.66	-113.76	46.58	24.23	-3.16	24.00	-0.02	2.44	8.66	-0.84	-60.36	0.27	1.79	-2.58	-5.09	-13.49
THRUST_SIN		0.00	-84.24	18.48	-43.23	12.67	-121.26	10.89	11.73	0.76	0.00	77.45	-3.46	-0.56	-0.03	-1.90	-13.26

RUN	POINT	Harmonics															
57	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-110.34	43.82	-14.15	5.17	44.12	107.62	10.73	0.21	-2.21	-3.85	-2.00	-0.04	-0.10	0.75	-0.06	-1.00
SIDERH_SIN		0.00	234.81	-25.29	-1.74	14.22	-187.21	-8.43	4.17	-0.53	-0.54	-7.11	1.59	1.24	1.02	-0.97	-4.13
DRAGRH_COS		-93.03	241.30	-8.75	-4.26	-1.67	-86.37	-38.23	-3.42	-0.54	-10.13	-1.70	1.58	-1.63	-0.89	1.04	5.44
DRAGRH_SIN		0.00	-44.02	41.88	4.61	0.09	259.28	-11.97	-6.24	-4.58	5.84	8.00	-1.79	1.71	-0.86	0.86	-6.43

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-1.26	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	-0.03	0.00	0.00	0.00	0.01	-0.01
FLAP1C_SIN		0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.04	0.01	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.16	-0.20	-19.11	-0.77	1.53	-1.61	-0.26	-0.07	-0.53	0.00	-0.28	0.07	0.16	0.07	-0.06	-0.33
ACT1FORCE_SIN		0.00	21.42	-5.21	-6.29	3.07	0.56	-2.00	1.16	0.06	-0.13	-1.48	-0.17	-0.06	0.03	-0.05	-0.12
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.84	-3.24	-83.41	10.04	-12.36	6.51	9.25	0.07	0.01	0.01	0.13	-0.03	0.00	0.01	-0.03	0.00
FA1IBVOLTAGE_SIN		0.00	-129.94	241.38	44.58	-12.54	-3.73	15.27	-0.03	0.01	0.04	-0.17	-0.01	-0.02	-0.02	0.05	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		437.90	3.24	83.38	-9.97	12.06	-6.55	-9.33	-0.06	0.03	0.00	-0.13	0.03	0.01	-0.01	0.03	0.00
FA1OBVOLTAGE_SIN		0.00	130.25	-241.85	-44.97	12.64	4.00	-15.32	-0.02	0.07	-0.03	0.17	0.02	0.00	0.01	-0.04	-0.03
MRBLD1CB42P75_COS		-780.79	-1682.91	567.95	-86.67	-171.52	-44.85	-85.14	34.25	19.17	-26.93	-27.01	-19.49	-9.64	5.97	7.50	-1.39
MRBLD1CB42P75_SIN		0.00	1925.14	87.89	153.93	123.34	-110.76	0.63	-122.96	48.58	52.05	-146.18	34.73	8.18	1.36	5.74	18.56

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4606.98	-1315.42	394.58	-140.57	-174.16	-148.82	-120.27	8.28	16.32	-6.76	-73.94	-14.28	-5.34	5.72	6.61	11.07
MRBLD1CB70_SIN		0.00	1399.18	1.44	123.21	228.21	-119.85	106.46	-81.46	35.47	55.02	-54.27	16.46	6.16	-0.20	0.84	25.52
MRBLD1CB120_COS		-162.30	-787.02	322.15	-50.48	-92.98	-187.51	-136.36	16.70	5.18	9.36	10.95	4.92	3.91	1.98	5.11	-0.98
MRBLD1CB120_SIN		0.00	901.86	-47.37	62.46	311.30	-59.86	150.44	-90.38	-29.54	-50.45	55.93	-13.38	2.01	1.32	-1.73	3.36
MRBLD1CB164_COS		-1983.01	-260.77	36.00	13.80	-35.54	-115.15	-68.60	2.17	-13.10	8.37	61.51	5.10	2.14	-3.34	-6.32	-9.71
MRBLD1CB164_SIN		0.00	309.98	-2.41	5.20	150.12	-19.33	54.76	-1.53	-48.70	-71.22	34.86	-0.71	3.33	0.35	4.83	-16.18
MRBLD1FB42P75_COS		2507.07	382.12	266.95	409.11	36.58	-12.78	-123.23	-99.45	-54.72	-139.36	-45.15	10.84	-13.78	8.29	16.98	30.75
MRBLD1FB42P75_SIN		0.00	-397.39	268.24	235.22	399.05	190.31	70.40	-430.58	21.66	-38.26	-273.93	35.09	-2.52	-13.97	-31.54	13.86
MRBLD1FB70_COS		603.28	96.80	73.37	102.83	-2.79	-6.87	-26.39	-6.45	3.35	-1.39	-2.92	1.98	2.23	-0.67	-2.12	-4.81
MRBLD1FB70_SIN		0.00	-249.94	129.81	28.49	111.42	30.79	15.94	-68.41	10.23	9.58	4.68	1.22	2.45	3.22	6.03	-3.28
MRBLD1FB87_COS		53.09	115.89	-15.14	44.82	-4.03	-12.82	-3.16	6.04	9.91	26.50	13.49	-0.56	4.74	-1.08	-3.59	-6.54
MRBLD1FB87_SIN		0.00	-303.53	101.48	-3.26	47.91	6.98	-3.57	35.88	-5.80	7.88	62.65	-9.05	2.08	5.33	8.79	-0.33
MRBLD1FB120_COS		-314.76	141.54	-120.31	20.94	10.19	-31.87	6.02	5.20	-14.26	-6.86	-4.41	-7.76	-7.90	1.22	4.22	9.84
MRBLD1FB120_SIN		0.00	-420.62	121.10	38.55	20.08	10.31	-16.03	106.33	-8.44	-13.19	-23.17	1.87	-7.21	-10.86	-14.16	-0.08
MRBLD1FB164_COS		42.72	70.37	152.52	23.67	35.18	55.88	30.38	10.38	10.86	8.99	5.61	5.26	7.20	-3.18	-8.52	-7.51
MRBLD1FB164_SIN		0.00	-577.32	82.76	250.82	-66.48	-35.73	-11.69	-151.69	14.88	20.17	41.65	-8.88	3.11	7.70	6.60	-2.97

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		0.79	-67.59	184.57	0.75	22.10	64.84	18.23	-2.45	7.20	39.11	27.55	-10.91	-13.87	-5.23	6.87	13.12
MRBLD1FB180_SIN		0.00	-413.12	33.64	179.87	-66.32	-20.08	10.02	-136.20	5.88	20.09	125.99	-19.27	-12.13	-14.23	-18.70	0.89
MRBLD1TOR51_COS		-1512.25	130.14	312.31	-3.50	-38.11	-8.32	1.09	-7.53	-12.61	2.23	-10.91	-0.53	-3.47	1.68	6.60	0.68
MRBLD1TOR51_SIN		0.00	-206.85	75.80	198.49	-28.81	3.42	-9.38	-64.25	2.87	-0.06	16.27	-3.04	-6.55	-7.18	-0.26	5.48
MRBLD1TOR71_COS		-328.10	153.58	257.84	-5.86	-25.19	1.87	12.58	-11.76	-8.05	7.61	-12.47	-0.24	-1.36	1.77	4.76	-0.29
MRBLD1TOR71_SIN		0.00	-204.01	53.38	158.14	-46.88	1.92	-8.30	-38.43	1.88	2.59	25.76	-5.25	-3.12	-5.12	0.20	3.72
MRBLD1TOR130_COS		-61.02	129.37	253.89	-9.81	-21.61	8.20	9.50	-4.38	-1.94	1.10	7.02	-2.68	0.03	-0.16	-2.05	-1.86
MRBLD1TOR130_SIN		0.00	-173.02	-4.20	152.37	-51.19	-5.57	-5.47	-42.34	3.49	-4.40	-4.72	2.93	4.96	1.91	-0.02	-1.73
MRBLD1TOR164_COS		-282.34	66.95	165.28	-6.86	-20.12	-0.74	-3.81	-8.61	3.23	7.61	-3.00	-2.30	2.41	0.36	-1.42	0.93
MRBLD1TOR164_SIN		0.00	-78.72	-33.74	62.03	-18.18	0.91	-1.63	-16.24	-0.57	2.43	9.17	-4.08	2.00	1.86	-3.51	-2.92
MRFBM2CB26P5_COS		1813.09	-1164.75	-285.94	21.88	-73.26	-3.46	27.45	6.73	1.29	-6.26	19.09	0.06	2.03	0.74	0.34	-0.82
MRFBM2CB26P5_SIN		0.00	-1119.77	33.92	-3.68	-12.35	-0.92	2.45	5.75	0.46	2.58	-22.54	1.46	1.39	-1.22	-0.50	-0.84
MRFBM2FB9_COS		675.51	-65.96	-302.06	-52.22	24.42	20.40	14.94	-11.88	3.06	3.31	-5.67	1.73	0.31	-0.19	-0.98	0.39
MRFBM2FB9_SIN		0.00	-231.41	-156.41	-110.00	-46.86	-9.26	9.43	21.06	1.07	3.14	6.49	-0.11	0.97	-0.10	-0.32	-1.25
MRFBM2TOR26P5_COS		-161.92	278.42	-5.38	2.51	-2.44	0.16	0.84	0.31	0.06	0.29	-0.16	0.02	0.13	-0.10	0.02	0.06
MRFBM2TOR26P5_SIN		0.00	-6.44	3.16	-0.87	-0.67	0.58	0.55	-0.05	0.07	0.05	0.18	0.21	-0.02	0.09	-0.06	0.01

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		521.78	-1166.68	477.47	-26.76	-83.46	-10.55	-75.84	18.66	25.86	-20.77	-1.83	-3.56	-6.09	6.94	11.13	-1.78
MRPC1CB33P25_SIN		0.00	1646.04	26.65	141.47	90.81	-64.84	-29.20	-111.56	23.98	6.10	-127.10	27.41	4.18	0.48	3.55	16.45
MRPC1FB33P25_COS		1739.96	318.43	102.45	323.21	-48.77	-64.94	-127.76	93.72	-44.54	-77.84	128.55	-12.13	-5.43	16.45	36.69	4.32
MRPC1FB33P25_SIN		0.00	-136.22	235.99	263.08	348.31	146.19	18.08	-392.33	-17.46	-104.29	-230.58	32.92	-11.06	-2.04	-4.03	37.25
MRPC1TOR25P5_COS		-379.15	-58.02	-355.07	33.94	31.07	14.02	-5.18	10.69	17.28	3.26	22.71	-1.44	5.68	-0.32	-6.02	-2.94
MRPC1TOR25P5_SIN		0.00	-22.18	-74.53	-208.29	49.33	-5.26	15.11	53.78	-5.25	-4.60	-31.78	7.23	14.79	10.27	0.58	-3.03
MRPLK1LOAD_COS		-1.72	-11.54	-46.63	3.38	2.55	3.30	-2.51	1.37	3.76	1.29	2.93	-1.03	1.01	0.34	-0.96	-1.01
MRPLK1LOAD_SIN		0.00	3.57	-10.55	-31.72	7.08	-1.06	1.60	7.92	-0.84	-0.29	-3.63	-0.07	2.69	1.59	-0.29	-0.65
PITCHRH_COS		5874.40	-8996.63	1163.14	-38.49	-170.18	831.93	226.64	-165.55	-11.14	40.73	-50.00	11.15	-9.45	26.72	4.14	-158.53
PITCHRH_SIN		0.00	1637.74	-646.09	-208.48	-107.19	366.00	83.05	33.00	142.58	-85.60	-252.65	112.53	-17.32	53.44	-14.64	82.53
ROLLRH_COS		6493.98	-1664.73	565.01	9.00	-160.70	-2027.67	18.58	86.72	-97.83	97.00	202.28	-67.90	5.38	-56.04	43.03	45.94
ROLLRH_SIN		0.00	-9078.19	1088.67	22.04	-32.46	1736.29	-56.58	-152.12	51.13	-37.07	9.54	51.23	-89.42	29.85	9.15	146.85
TORQ_COS		108454.52	438.02	58.64	260.60	53.70	-163.38	3.06	-28.77	-9.36	-1.51	-44.79	-5.77	1.04	-0.87	-4.11	4.90
TORQ_SIN		0.00	847.38	-95.40	-48.05	6.95	131.67	12.59	38.67	-10.29	-2.98	105.83	-2.12	-5.80	6.56	-4.20	-0.24
THRUST_COS		5820.20	-108.23	39.02	19.72	-4.51	16.73	1.03	3.26	6.92	1.50	-24.45	-15.42	4.66	-0.42	-2.14	-14.23
THRUST_SIN		0.00	-76.36	7.75	-37.88	14.00	-105.38	11.36	18.41	-6.13	1.92	109.23	-1.22	3.29	-1.92	0.11	-16.83

RUN	POINT	Harmonics															
57	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-123.89	48.50	-19.78	2.12	40.24	36.22	7.56	1.02	-1.40	-3.20	-5.29	2.84	0.11	1.56	-1.24	-1.52
SIDERH_SIN		0.00	234.98	-28.06	-4.15	-13.00	-220.37	-10.92	2.50	-2.54	1.38	-9.25	-1.14	2.29	-0.60	-0.57	-4.48
DRAGRH_COS		-84.89	239.29	-3.85	-1.06	0.05	110.80	-46.76	-4.60	-0.30	-5.77	-5.62	-1.95	-0.43	-0.61	0.35	7.43
DRAGRH_SIN		0.00	-46.15	39.94	3.71	6.22	354.60	1.40	-7.82	-2.94	10.38	6.73	-5.59	2.58	-1.92	0.42	-4.32

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.70	0.00	0.00	0.00	0.00	0.00	-0.03	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.04	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.67	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.10	0.44	-20.43	-2.73	1.59	-1.59	-1.51	0.26	-0.76	-0.16	0.03	-0.02	-0.12	-0.19	0.34	-0.17
ACT1FORCE_SIN		0.00	20.95	0.29	-5.71	1.49	1.28	0.03	0.82	0.24	0.03	0.61	0.09	-0.02	0.14	0.41	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		375.06	-7.95	60.82	20.61	-8.70	7.81	11.40	-0.07	-0.01	-0.04	-0.08	-0.04	-0.01	-0.02	0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-123.93	279.84	41.89	-3.90	-6.26	-6.86	-0.09	-0.07	-0.02	0.13	0.07	0.00	0.01	0.02	-0.02
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		430.69	8.07	-61.46	-20.78	8.75	-7.66	-11.45	0.10	0.07	0.03	0.08	0.03	0.01	0.03	-0.02	0.02
FA1OBVOLTAGE_SIN		0.00	124.29	-280.25	-42.30	4.33	6.50	6.93	0.06	0.01	0.02	-0.11	-0.08	0.01	-0.01	-0.02	0.02
MRBLD1CB42P75_COS		-783.72	-1628.41	611.61	-103.38	-228.10	-81.73	-62.78	-1.70	18.58	-1.51	-13.72	17.53	-1.17	-2.67	3.52	0.38
MRBLD1CB42P75_SIN		0.00	1910.75	44.00	158.97	204.44	-140.18	-10.19	-109.96	29.57	42.90	-98.45	17.66	11.41	5.02	-0.86	19.25

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4599.44	-1278.96	451.16	-218.17	-243.27	-144.07	-68.15	-18.61	13.57	10.87	-33.80	10.11	1.42	0.38	3.23	10.12
MRBLD1CB70_SIN		0.00	1398.81	-16.52	126.70	402.19	-123.00	116.34	-72.32	24.32	44.25	-34.99	7.30	5.66	1.62	-4.87	24.83
MRBLD1CB120_COS		-174.08	-773.60	359.77	-135.79	-140.24	-145.05	-78.01	-11.49	1.94	-3.63	3.13	-11.71	1.06	4.18	5.42	-0.62
MRBLD1CB120_SIN		0.00	903.85	-57.42	94.19	471.54	-33.72	195.24	-89.28	-32.29	-45.44	45.78	-2.24	0.50	-0.41	-1.37	3.66
MRBLD1CB164_COS		-1986.09	-257.20	58.62	-40.30	-44.71	-87.09	-50.30	3.81	-11.83	-10.22	26.95	-9.85	-0.50	-1.31	-4.36	-7.67
MRBLD1CB164_SIN		0.00	307.02	16.53	36.52	203.44	4.20	89.27	-10.34	-44.41	-62.16	28.23	5.64	3.16	1.49	7.69	-15.56
MRBLD1FB42P75_COS		2503.99	364.20	204.24	380.38	60.34	-52.46	-96.92	-201.94	-63.33	-114.06	-50.92	22.58	-3.61	-0.43	5.08	34.96
MRBLD1FB42P75_SIN		0.00	-392.38	199.19	510.99	298.31	171.61	43.58	-357.23	-13.75	-36.90	-159.33	5.42	3.07	-9.74	-32.04	12.04
MRBLD1FB70_COS		603.39	93.52	58.23	79.39	3.48	-17.15	-19.46	-22.83	2.31	1.75	0.48	1.33	1.44	0.90	-0.12	-6.03
MRBLD1FB70_SIN		0.00	-248.95	107.99	118.65	88.77	26.00	10.17	-55.61	6.20	7.42	4.53	2.05	1.67	2.58	5.74	-2.96
MRBLD1FB87_COS		53.99	112.44	-21.48	20.91	-1.16	-14.01	-3.65	16.02	10.83	21.79	13.74	-4.31	2.34	1.15	-0.61	-6.96
MRBLD1FB87_SIN		0.00	-302.66	94.64	52.36	33.36	7.59	-2.13	30.83	0.22	7.75	37.60	-0.52	0.79	3.86	8.64	-0.19
MRBLD1FB120_COS		-310.75	144.13	-121.29	-19.14	5.03	-20.26	-4.90	27.55	-10.88	-9.78	-9.55	-3.97	-6.39	-2.59	0.80	10.22
MRBLD1FB120_SIN		0.00	-417.60	125.71	102.67	7.44	16.08	-9.54	86.39	-3.16	-11.01	-17.78	-4.43	-5.97	-8.75	-14.11	-0.29
MRBLD1FB164_COS		55.25	51.26	70.29	41.13	6.33	61.18	38.63	-26.97	7.47	13.50	10.13	-0.64	3.96	0.19	-4.87	-8.00
MRBLD1FB164_SIN		0.00	-530.35	-3.70	294.65	-10.06	-37.38	-14.26	-124.38	7.30	16.26	28.89	-1.03	0.79	4.84	7.34	-1.29

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		6.17	-84.96	108.71	29.29	8.29	60.83	24.53	-32.05	8.77	31.00	24.91	-18.81	-15.47	-8.01	0.80	13.91
MRBLD1FB180_SIN		0.00	-376.29	-42.55	183.21	-22.39	-19.88	-0.31	-114.82	6.76	20.64	74.19	-7.41	-11.79	-13.77	-18.23	-0.19
MRBLD1TOR51_COS		-1505.93	96.83	244.25	55.29	-47.43	-8.36	1.10	-22.53	-10.27	2.13	-0.46	-3.72	-3.26	0.04	6.33	2.16
MRBLD1TOR51_SIN		0.00	-172.36	-38.10	208.68	-0.15	-4.79	-12.48	-55.24	7.24	0.75	12.67	-1.29	-5.97	-6.30	-2.76	5.38
MRBLD1TOR71_COS		-321.94	121.19	192.91	53.98	-31.76	3.44	10.70	-19.70	-7.17	5.48	-1.24	-4.73	-1.83	0.57	3.96	1.15
MRBLD1TOR71_SIN		0.00	-171.57	-50.27	157.48	-20.95	-3.97	-10.34	-30.79	7.68	2.56	17.81	-2.21	-3.56	-4.15	-1.09	3.93
MRBLD1TOR130_COS		-54.58	96.11	187.54	53.10	-25.76	8.86	9.52	-14.16	-1.77	1.39	6.88	-0.81	-0.59	-0.42	-3.58	-1.93
MRBLD1TOR130_SIN		0.00	-140.60	-102.24	135.13	-23.06	-10.22	-6.02	-34.75	4.54	-3.82	-3.58	3.92	4.58	2.66	1.36	-1.30
MRBLD1TOR164_COS		-279.42	42.74	124.43	36.87	-15.06	-3.49	-1.61	-10.71	1.45	6.19	0.02	-1.77	0.62	0.64	-2.77	-0.15
MRBLD1TOR164_SIN		0.00	-59.48	-94.23	38.26	-6.49	-2.87	-3.18	-11.01	0.66	0.54	2.54	-2.22	1.12	0.85	-2.00	-2.30
MRFBM2CB26P5_COS		1786.17	-1191.01	-280.89	-23.58	-101.11	0.25	29.85	8.85	-0.54	-5.12	8.23	0.41	1.28	-0.13	0.62	-0.80
MRFBM2CB26P5_SIN		0.00	-1085.44	59.17	-14.13	3.44	-4.68	-4.78	5.09	0.35	2.19	-17.19	0.82	0.85	-0.13	-0.39	-0.42
MRFBM2FB9_COS		665.55	-95.58	-278.28	-20.48	21.66	23.20	14.36	-4.95	1.97	2.24	-2.89	0.22	0.35	-0.17	-1.05	0.45
MRFBM2FB9_SIN		0.00	-213.72	-103.92	-173.02	-40.38	-5.27	8.77	21.89	2.23	2.38	4.61	-0.51	0.44	0.23	0.11	-1.51
MRFBM2TOR26P5_COS		-161.76	278.68	-4.31	2.38	-2.35	0.28	0.92	0.32	0.14	0.09	-0.02	0.08	0.12	-0.05	0.01	0.07
MRFBM2TOR26P5_SIN		0.00	-1.53	4.10	-1.61	0.35	0.29	0.20	0.02	0.02	0.00	0.20	0.09	0.03	0.10	-0.06	-0.02

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		525.56	-1124.18	501.70	-6.91	-107.74	-49.88	-73.25	-8.20	22.68	-6.89	-5.07	17.00	0.27	-0.29	7.42	0.11
MRPC1CB33P25_SIN		0.00	1629.60	-11.92	140.23	98.08	-86.64	-33.23	-99.09	4.42	2.18	-85.31	11.16	7.65	3.04	-2.42	17.16
MRPC1FB33P25_COS		1737.12	304.95	62.71	249.60	-7.93	-91.78	-95.26	-16.65	-36.25	-60.23	58.65	16.44	-1.80	7.69	29.21	8.61
MRPC1FB33P25_SIN		0.00	-132.86	175.58	485.06	272.98	119.83	4.98	-375.76	-49.67	-90.78	-149.73	18.84	-0.23	-6.59	-13.67	40.71
MRPC1TOR25P5_COS		-384.51	-14.06	-281.80	-34.71	42.50	12.82	-3.26	22.16	13.59	3.64	8.89	6.30	4.59	0.27	-9.03	-4.09
MRPC1TOR25P5_SIN		0.00	-57.84	44.67	-212.53	18.87	2.67	18.12	45.07	-12.00	-6.32	-25.04	5.79	13.52	9.77	4.49	-1.36
MRPLK1LOAD_COS		-2.74	-5.73	-36.70	-6.02	4.44	3.24	-2.12	3.12	2.89	1.06	1.32	0.16	0.65	0.35	-1.81	-1.08
MRPLK1LOAD_SIN		0.00	-1.31	5.10	-32.68	2.85	0.30	2.36	6.74	-1.73	-0.70	-3.30	0.06	2.18	1.63	0.42	-0.22
PITCHRH_COS		6332.71	-9032.94	1063.83	-46.34	-176.41	657.29	165.23	-125.87	66.49	19.63	31.43	23.52	5.21	74.50	16.42	-178.95
PITCHRH_SIN		0.00	1678.72	-751.88	-159.54	-20.30	-487.72	60.09	8.16	94.49	-60.24	-273.23	97.89	-8.69	15.33	9.50	75.59
ROLLRH_COS		6424.38	-1691.77	633.87	-6.15	-235.14	-1435.10	20.89	49.82	49.18	144.04	277.26	-35.26	-5.85	-115.66	57.79	50.06
ROLLRH_SIN		0.00	-9119.30	1015.14	2.57	151.65	1816.95	-113.40	-171.34	19.87	1.30	25.30	63.96	-77.50	42.72	-12.59	152.22
TORQ_COS		107975.78	456.37	52.71	223.81	80.87	-76.28	6.20	-28.53	-8.65	0.31	-13.37	-5.58	-1.49	-2.14	-5.06	3.47
TORQ_SIN		0.00	827.58	-97.47	-93.85	-29.80	202.92	18.44	32.93	-10.81	-4.00	70.16	2.91	-7.90	4.87	-4.17	-2.79
THRUST_COS		5787.08	-117.17	31.13	9.27	-5.43	25.84	2.78	-0.01	2.96	0.42	-3.99	-13.01	2.45	0.60	-3.44	-11.29
THRUST_SIN		0.00	-65.48	-5.25	-36.11	20.25	-87.50	12.62	20.23	-5.83	3.36	67.33	4.99	5.20	-0.02	3.50	-19.91

RUN	POINT	Harmonics															
57	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-126.32	48.41	-20.73	-0.28	35.36	-32.20	2.61	1.14	-3.74	-5.65	-10.61	1.28	0.02	3.31	-1.56	-1.53
SIDERH_SIN		0.00	232.65	-21.53	-5.15	-43.77	-214.28	-4.84	2.53	0.31	-0.30	-8.02	-1.69	1.86	-1.04	0.21	-4.43
DRAGRH_COS		-78.04	238.69	1.61	0.19	5.41	290.03	-27.65	-8.50	-0.37	-5.44	-13.45	-2.17	-1.21	-2.23	-1.05	8.05
DRAGRH_SIN		0.00	-41.94	37.83	3.93	8.83	365.49	16.73	-5.11	-4.82	6.52	11.28	-5.06	0.50	-0.80	-0.34	-4.46

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.04	0.01	0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	1.48	-0.01	0.01	0.00	0.00	0.02	0.02	0.00	-0.03	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-43.13	0.39	-19.31	-3.82	1.22	-0.73	0.11	0.22	-0.31	0.07	0.79	-0.01	-0.04	-0.06	-0.20	-0.04
ACT1FORCE_SIN		0.00	20.53	4.91	-4.42	0.73	2.03	1.13	0.26	0.34	-0.17	-0.90	0.21	0.10	0.07	0.03	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.13	-10.16	202.93	30.14	-4.61	3.50	-8.36	-0.11	-0.07	-0.04	0.15	-0.02	-0.05	0.00	0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-116.77	242.19	30.79	-0.44	-8.71	-8.00	0.04	-0.02	0.06	-0.03	-0.03	0.00	-0.02	0.04	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.66	10.35	-203.88	-30.44	5.20	-3.29	8.39	0.11	0.00	0.03	-0.13	0.03	0.05	-0.01	-0.03	0.02
FA1OBVOLTAGE_SIN		0.00	117.18	-242.30	-31.18	0.75	8.81	8.01	-0.11	0.01	-0.05	0.02	0.04	-0.02	0.01	-0.03	0.00
MRBLD1CB42P75_COS		-838.01	-1593.68	600.93	-107.85	-233.92	-85.32	-48.71	-30.46	15.06	-6.67	-3.23	23.87	0.27	-4.21	8.24	1.37
MRBLD1CB42P75_SIN		0.00	1524.89	39.13	136.92	223.16	-144.61	-26.14	-62.82	16.12	29.99	-106.48	19.66	12.12	5.39	-1.54	18.83

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4563.69	-1237.16	449.99	-237.74	-241.10	-124.97	-54.96	-33.91	7.88	5.56	-26.80	17.31	3.87	-0.36	7.46	8.12
MRBLD1CB70_SIN		0.00	1156.84	-34.90	126.45	436.50	-140.52	92.28	-36.42	17.68	30.58	-37.79	10.54	6.55	1.60	-6.24	22.29
MRBLD1CB120_COS		-181.76	-759.02	347.78	-145.43	-139.01	-110.92	-61.22	-19.48	-0.32	-0.17	-0.13	-12.93	1.72	4.35	3.65	-0.89
MRBLD1CB120_SIN		0.00	828.37	-83.35	101.82	501.61	-62.11	179.87	-57.74	-28.94	-33.21	44.87	-3.88	1.23	-0.08	-1.96	2.58
MRBLD1CB164_COS		-1988.80	-253.95	70.85	-51.20	-45.62	-66.78	-43.06	8.89	-9.31	-6.51	23.49	-12.26	-0.82	-2.01	-7.66	-5.43
MRBLD1CB164_SIN		0.00	300.07	17.12	48.29	206.97	-6.85	91.31	-12.56	-35.62	-44.11	23.86	2.22	3.41	2.44	7.38	-13.91
MRBLD1FB42P75_COS		2518.01	359.26	138.85	402.67	75.29	-68.64	-78.57	-227.47	-74.70	-99.79	-61.88	16.72	-2.10	-2.89	6.96	33.16
MRBLD1FB42P75_SIN		0.00	-286.60	202.78	560.62	292.38	153.33	29.53	-193.31	-34.26	-38.79	-182.74	8.39	7.18	-4.34	-36.96	9.95
MRBLD1FB70_COS		603.49	95.44	45.36	80.87	7.67	-19.89	-15.47	-26.16	0.64	1.69	0.40	1.70	1.19	0.89	-1.11	-6.07
MRBLD1FB70_SIN		0.00	-247.81	112.34	137.75	86.56	20.38	6.11	-27.32	3.20	6.35	3.95	1.92	1.30	1.95	6.52	-2.78
MRBLD1FB87_COS		54.86	114.74	-20.26	17.60	-0.25	-13.37	-4.81	19.07	12.26	19.58	16.17	-3.29	1.64	1.56	-0.91	-6.36
MRBLD1FB87_SIN		0.00	-303.20	101.16	69.11	28.86	6.91	-1.83	16.12	2.67	7.70	43.00	-1.14	-0.17	2.43	9.96	0.41
MRBLD1FB120_COS		-314.60	152.60	-102.36	-32.90	-2.32	-15.34	-11.67	30.34	-9.66	-10.66	-10.07	-5.03	-6.58	-3.67	1.14	9.53
MRBLD1FB120_SIN		0.00	-430.81	141.16	136.78	-3.82	21.21	-1.56	46.02	0.80	-10.40	-18.10	-4.14	-5.42	-7.02	-15.28	-0.97
MRBLD1FB164_COS		49.74	62.63	6.17	48.91	1.50	57.39	47.50	-34.39	5.98	15.58	13.09	-0.45	2.35	0.95	-4.07	-7.32
MRBLD1FB164_SIN		0.00	-524.68	-3.90	295.18	-0.24	-36.48	-21.51	-64.93	2.08	14.48	33.76	-0.04	-0.01	3.17	9.01	0.00

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		2.57	-78.93	38.16	42.54	8.86	53.52	29.50	-35.36	8.70	27.57	27.53	-18.42	-15.84	-10.24	0.14	12.77
MRBLD1FB180_SIN		0.00	-364.49	-49.35	165.93	-9.01	-19.33	-12.00	-62.45	6.96	22.63	86.15	-8.34	-10.49	-11.36	-19.79	-1.31
MRBLD1TOR51_COS		-1494.36	87.49	134.56	98.37	-41.55	-12.20	2.44	-21.20	-4.58	-0.08	-2.70	-0.96	-2.96	-1.29	6.15	3.95
MRBLD1TOR51_SIN		0.00	-128.50	-84.31	166.48	22.85	-7.07	-16.87	-31.85	6.86	3.26	10.01	-2.16	-4.81	-6.26	-5.46	2.77
MRBLD1TOR71_COS		-310.42	111.69	91.43	94.26	-26.31	0.06	10.80	-13.39	-2.27	3.02	-3.32	-1.80	-1.71	-0.16	3.21	2.89
MRBLD1TOR71_SIN		0.00	-125.57	-93.05	115.97	-0.85	-5.10	-13.33	-15.17	9.09	5.18	17.45	-3.38	-3.59	-4.00	-3.01	2.33
MRBLD1TOR130_COS		-44.61	86.17	87.43	89.54	-19.52	5.81	10.95	-11.04	0.77	0.74	7.30	0.60	-0.38	0.12	-4.26	-2.09
MRBLD1TOR130_SIN		0.00	-95.58	-142.72	90.32	-6.22	-10.36	-7.85	-18.78	3.81	-1.33	-3.59	2.29	2.99	3.06	2.23	-0.32
MRBLD1TOR164_COS		-271.69	32.66	57.77	60.25	-9.17	-5.17	-0.90	-6.75	0.50	4.81	0.00	-1.42	0.37	0.96	-2.30	-1.71
MRBLD1TOR164_SIN		0.00	-27.84	-124.47	6.19	2.20	-3.47	-4.21	-4.58	1.36	0.16	5.80	-3.22	-0.48	0.87	-0.02	-0.79
MRFBM2CB26P5_COS		1732.66	-975.81	-264.50	-41.49	-100.41	2.26	28.03	9.30	-1.35	-4.35	9.77	-0.82	0.82	-0.12	-0.25	-0.56
MRFBM2CB26P5_SIN		0.00	-1034.87	67.14	-10.08	10.64	-8.77	-4.20	3.13	2.51	1.30	-18.00	0.59	0.07	0.14	-1.20	-0.09
MRFBM2FB9_COS		656.43	-117.97	-251.21	-20.45	21.83	23.61	13.86	2.78	1.40	1.75	-3.54	0.31	0.49	0.08	-1.20	0.73
MRFBM2FB9_SIN		0.00	1.13	-102.12	-187.40	-41.32	-3.18	8.45	16.58	3.35	2.42	5.22	-0.39	0.31	0.29	0.01	-1.12
MRFBM2TOR26P5_COS		-164.71	288.75	-3.00	1.68	-1.57	0.06	1.11	0.28	0.19	0.00	-0.06	0.03	0.06	-0.03	0.02	0.08
MRFBM2TOR26P5_SIN		0.00	9.72	4.20	-1.65	0.85	0.23	-0.03	-0.08	-0.03	0.04	0.18	0.07	0.07	0.12	-0.08	-0.01

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		496.30	-1159.69	491.03	-8.16	-120.43	-57.66	-59.24	-28.49	18.31	-9.78	1.69	19.66	1.06	-1.71	10.03	0.53
MRPC1CB33P25_SIN		0.00	1328.58	-3.89	107.78	97.34	-87.75	-39.17	-59.62	-8.30	-1.00	-92.82	12.34	7.61	2.44	-4.09	16.03
MRPC1FB33P25_COS		1749.12	293.01	9.92	257.72	5.02	-100.29	-75.42	-102.32	-37.52	-48.65	65.54	9.98	-3.85	2.26	35.60	9.29
MRPC1FB33P25_SIN		0.00	-42.74	169.92	530.93	273.23	100.25	-0.56	-256.94	-71.33	-85.03	-172.93	17.20	2.85	-5.15	-14.76	38.43
MRPC1TOR25P5_COS		-401.80	15.33	-167.10	-80.79	36.48	16.22	-3.62	17.81	6.18	4.96	12.86	4.51	4.09	2.45	-8.67	-5.51
MRPC1TOR25P5_SIN		0.00	-118.52	93.03	-166.52	-4.94	4.32	23.21	25.58	-11.83	-9.10	-21.38	5.42	9.78	9.69	8.12	2.71
MRPLK1LOAD_COS		-5.05	-1.17	-21.51	-12.38	3.73	3.87	-2.11	2.93	1.74	0.97	2.02	0.29	0.58	0.71	-1.94	-1.17
MRPLK1LOAD_SIN		0.00	-10.02	11.29	-26.40	-0.64	0.58	3.42	3.89	-1.68	-0.90	-2.22	-0.29	1.24	1.53	1.00	0.61
PITCHRH_COS		6844.56	-8992.68	910.07	-39.96	-110.73	437.07	68.01	-169.80	71.51	43.85	46.27	19.19	19.27	73.26	-0.17	-137.06
PITCHRH_SIN		0.00	1785.37	-737.13	-63.56	7.49	-814.38	-30.59	35.89	12.27	-58.48	-265.22	62.95	14.45	18.83	-9.96	54.41
ROLLRH_COS		2769.27	-1714.88	618.06	-48.17	-180.00	-1320.96	-27.68	72.69	104.93	155.51	283.20	-9.25	-0.21	-91.71	77.93	91.31
ROLLRH_SIN		0.00	-9157.47	920.28	36.29	200.82	1626.68	-158.32	-124.08	-37.53	29.08	-24.26	31.91	-39.99	52.91	20.99	224.61
TORQ_COS		106771.10	388.45	50.57	163.46	48.33	-31.51	8.53	-25.03	-9.75	0.11	-16.97	-3.17	3.49	-1.29	-3.13	2.26
TORQ_SIN		0.00	799.60	-89.18	-77.14	-33.90	187.07	18.45	27.37	-8.97	-2.71	77.48	2.76	-4.60	5.88	-4.91	-1.21
THRUST_COS		5778.66	-102.80	19.70	10.67	0.45	31.65	5.38	1.70	4.49	-0.99	-3.98	-9.09	1.38	3.18	-4.23	-8.26
THRUST_SIN		0.00	-57.10	-6.69	-25.98	23.95	-73.79	12.52	17.46	-2.69	2.22	81.21	-0.57	0.35	-1.47	1.81	-24.10

RUN	POINT	Harmonics															
57	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-153.86	45.26	-18.13	1.22	14.19	-54.55	5.84	1.11	-3.69	-6.40	-10.13	0.64	-0.47	2.41	-2.13	-2.74
SIDERH_SIN		0.00	232.05	-17.97	-3.89	-47.27	-194.82	2.84	1.10	1.42	-1.38	-5.34	-0.75	0.62	-1.59	-0.92	-6.46
DRAGRH_COS		-76.65	239.76	3.78	1.12	7.20	351.90	-7.07	-6.07	-0.56	-7.51	-11.76	-0.05	-2.63	-2.65	-0.99	6.87
DRAGRH_SIN		0.00	-43.07	35.01	3.77	13.37	347.31	8.14	-5.13	-2.75	7.08	11.42	-3.74	2.11	-0.37	0.12	-2.77

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.30	-2.86	-8.85	-0.72	-0.88	-0.21	0.18	-0.11	-0.39	-0.07	0.05	-0.02	0.02	-0.06	-0.02	-0.04
ACT1FORCE_SIN		0.00	17.43	-1.74	-2.34	1.29	0.43	0.03	0.44	0.14	-0.11	-0.12	-0.08	0.01	0.03	0.00	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		380.11	15.27	77.43	8.83	10.30	2.02	-2.30	-0.02	0.01	0.02	0.01	0.01	-0.01	0.01	0.00	-0.01
FA1IBVOLTAGE_SIN		0.00	-131.64	4.57	22.69	-10.74	-6.09	2.36	0.01	-0.02	-0.02	0.01	0.01	-0.02	0.00	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		425.57	-15.16	-77.60	-8.97	-10.28	-2.00	2.28	0.01	-0.01	-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.01
FA1OBVOLTAGE_SIN		0.00	131.91	-4.40	-22.75	10.73	6.11	-2.37	-0.03	0.01	0.01	-0.01	-0.01	0.01	0.00	-0.01	0.00
MRBLD1CB42P75_COS		-875.99	-1718.61	489.88	-70.77	-90.99	-91.99	-74.65	7.82	20.40	-24.22	10.94	6.32	-3.88	-3.45	-0.10	-0.75
MRBLD1CB42P75_SIN		0.00	1513.73	10.35	150.29	187.59	-81.43	-15.94	-73.03	29.23	27.81	-95.09	11.25	13.22	5.47	-7.46	22.20

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4545.23	-1289.07	356.59	-139.65	26.94	-145.93	-79.60	-3.28	19.27	-13.60	-20.93	4.65	0.45	0.40	-1.05	9.18
MRBLD1CB70_SIN		0.00	1133.17	-101.55	220.54	266.74	-139.80	42.54	-39.96	23.32	33.32	-40.26	2.90	7.58	1.98	-10.66	27.91
MRBLD1CB120_COS		-183.70	-755.74	278.26	-18.04	96.72	-137.72	-60.75	3.68	0.04	13.81	-4.90	-5.12	3.37	3.79	5.34	-0.58
MRBLD1CB120_SIN		0.00	807.37	-120.52	181.35	318.28	-124.60	70.24	-50.50	-30.24	-36.47	52.60	0.02	0.37	0.95	-0.98	3.00
MRBLD1CB164_COS		-1982.84	-252.98	59.56	45.74	30.46	-72.12	-25.25	1.41	-12.70	15.17	18.87	-3.77	0.86	0.32	-3.38	-5.63
MRBLD1CB164_SIN		0.00	296.16	-38.57	89.05	139.26	-54.78	30.71	-3.70	-41.76	-47.41	38.85	6.99	0.57	2.22	11.36	-17.25
MRBLD1FB42P75_COS		2509.89	401.73	116.66	827.03	-58.03	-63.76	-113.66	-124.35	-80.01	-104.01	-4.22	8.51	-2.37	0.17	-7.35	36.17
MRBLD1FB42P75_SIN		0.00	-277.63	368.70	341.91	428.31	200.09	33.36	-246.47	-9.56	-66.26	-150.52	7.76	5.32	-6.55	-38.00	17.04
MRBLD1FB70_COS		602.61	96.54	35.15	235.08	-25.83	-18.68	-21.12	-9.15	1.18	0.40	1.12	2.13	1.74	1.09	1.91	-6.33
MRBLD1FB70_SIN		0.00	-243.46	153.97	85.11	114.82	31.35	6.57	-37.04	5.90	5.54	3.08	1.79	1.63	2.07	7.44	-3.94
MRBLD1FB87_COS		55.21	113.76	-18.36	119.61	-23.75	-13.40	-1.03	9.96	12.97	20.55	3.27	-0.60	1.82	0.71	2.13	-7.32
MRBLD1FB87_SIN		0.00	-302.56	115.67	50.67	44.82	5.17	-3.32	20.54	-0.41	12.69	35.95	-0.96	0.49	3.28	10.40	-0.72
MRBLD1FB120_COS		-315.58	143.15	-95.96	105.76	-12.59	-20.19	1.51	7.45	-10.31	-9.12	-7.56	-7.34	-5.45	-2.09	-3.46	11.61
MRBLD1FB120_SIN		0.00	-435.97	130.22	127.20	19.72	4.98	-1.55	61.07	-5.48	-8.91	-16.30	-3.64	-4.97	-7.79	-16.63	0.70
MRBLD1FB164_COS		27.57	127.44	5.53	92.37	87.61	56.23	32.49	1.29	8.47	10.95	4.23	3.48	2.11	-2.06	-1.97	-6.97
MRBLD1FB164_SIN		0.00	-557.53	215.58	243.91	-37.17	-40.08	-13.63	-87.00	9.35	15.32	26.21	0.90	2.31	3.84	7.65	-1.00

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-11.72	-19.79	46.73	16.82	63.19	54.19	18.72	-5.88	9.47	32.68	4.69	-16.06	-14.68	-7.96	-3.68	14.46
MRBLD1FB180_SIN		0.00	-392.99	149.91	143.03	-42.04	-21.16	-4.35	-77.79	7.09	27.06	75.26	-7.01	-13.42	-12.39	-21.34	0.57
MRBLD1TOR51_COS		-1498.49	176.63	64.98	41.47	10.46	-21.95	15.28	-15.59	-5.99	2.38	-4.09	-3.27	-2.12	0.02	4.66	1.68
MRBLD1TOR51_SIN		0.00	-126.57	154.67	82.07	12.34	11.70	-21.00	-46.53	1.99	1.03	10.22	-1.97	-5.48	-5.69	-5.93	4.14
MRBLD1TOR71_COS		-312.26	196.54	32.45	21.28	19.61	-8.47	24.11	-13.86	-2.60	5.38	-5.71	-3.69	-0.96	0.70	2.98	1.28
MRBLD1TOR71_SIN		0.00	-121.57	129.67	40.23	-12.59	10.16	-16.63	-29.30	4.08	3.77	15.19	-2.08	-3.90	-3.83	-2.42	2.76
MRBLD1TOR130_COS		-45.87	173.13	37.53	-9.38	27.03	-0.74	20.68	-7.60	-0.72	2.63	8.25	-1.79	-0.71	-0.18	-3.27	-1.43
MRBLD1TOR130_SIN		0.00	-89.55	76.87	25.44	-25.51	4.10	-12.18	-30.41	3.11	-5.19	-0.36	3.76	3.50	2.80	3.77	-1.09
MRBLD1TOR164_COS		-268.66	91.91	27.77	-26.14	3.94	-6.84	3.84	-6.98	1.66	4.31	-1.19	-1.52	0.27	0.45	-1.49	0.07
MRBLD1TOR164_SIN		0.00	-18.43	13.25	-27.73	-13.04	7.28	-6.29	-11.66	1.31	1.32	2.99	-1.84	0.81	0.82	-0.14	-0.87
MRFBM2CB26P5_COS		1722.59	-906.18	-226.13	-7.84	-42.80	-10.51	15.50	5.86	0.16	-5.32	10.42	-0.57	0.72	0.43	-0.38	-0.68
MRFBM2CB26P5_SIN		0.00	-1047.72	40.11	64.71	32.77	-3.26	1.27	0.93	3.21	-0.29	-13.23	0.90	0.41	0.29	-0.63	-0.64
MRFBM2FB9_COS		616.74	-7.73	-202.21	-141.88	32.45	25.27	11.41	-3.67	2.06	1.59	-3.70	0.34	0.45	-0.02	-1.25	0.99
MRFBM2FB9_SIN		0.00	-20.69	-191.18	-174.29	-51.29	-7.48	8.30	14.55	2.74	3.18	3.03	0.02	0.17	0.22	0.50	-1.53
MRFBM2TOR26P5_COS		-164.89	289.75	-3.30	0.95	-0.45	-0.09	0.82	0.17	0.14	0.18	-0.14	0.10	0.14	-0.03	-0.04	0.05
MRFBM2TOR26P5_SIN		0.00	-6.27	1.27	-0.78	-0.46	0.36	0.01	-0.08	0.04	0.03	0.07	0.15	0.02	0.09	-0.08	-0.06

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		471.33	-1291.38	406.29	-23.65	-96.03	-50.26	-68.35	0.00	17.71	-13.91	14.56	6.74	-0.98	-1.65	3.42	-1.11
MRPC1CB33P25_SIN		0.00	1334.88	-3.75	79.03	135.00	-30.01	-23.08	-70.34	6.27	-4.11	-78.21	8.81	8.30	3.91	-8.40	19.99
MRPC1FB33P25_COS		1745.28	328.80	-26.66	648.69	-131.22	-108.29	-106.87	0.17	-51.13	-38.12	88.18	4.89	-2.36	4.63	28.19	5.26
MRPC1FB33P25_SIN		0.00	-35.20	294.41	426.38	349.92	140.22	-9.19	-257.35	-53.22	-108.02	-115.97	11.60	2.18	-2.69	-27.31	44.97
MRPC1TOR25P5_COS		-398.04	-105.24	-95.41	-4.20	-20.01	26.40	-18.71	16.50	8.19	2.46	15.46	4.51	2.89	0.63	-6.10	-2.74
MRPC1TOR25P5_SIN		0.00	-128.14	-159.71	-74.51	4.22	-14.66	28.48	40.83	-4.44	-7.99	-19.20	6.31	11.76	9.21	10.06	0.74
MRPLK1LOAD_COS		-4.48	-17.27	-12.47	-2.48	-4.31	4.96	-3.67	2.53	2.21	0.73	2.35	-0.13	0.30	0.34	-1.26	-0.78
MRPLK1LOAD_SIN		0.00	-10.48	-22.25	-13.58	0.12	-2.37	4.05	5.97	-0.41	-0.91	-2.22	0.24	1.72	1.47	1.69	0.20
PITCHRH_COS		5482.84	-8911.40	919.45	17.92	-48.02	-292.12	13.02	-105.60	53.11	30.56	49.95	7.24	30.58	20.03	-16.11	-126.91
PITCHRH_SIN		0.00	1629.77	-336.35	-127.26	-84.60	972.21	151.86	14.66	163.04	-58.78	-291.37	64.05	-18.45	-11.16	-13.32	35.68
ROLLRH_COS		2656.44	-1700.31	367.38	-8.02	-68.83	-2270.40	-39.52	26.76	39.91	125.93	218.74	-19.19	-5.54	-91.50	49.32	174.28
ROLLRH_SIN		0.00	-9036.96	1003.47	113.34	11.42	861.72	-231.36	-112.51	21.82	34.50	-4.60	23.59	-13.26	35.25	-3.55	143.16
TORQ_COS		106449.48	366.11	64.10	176.63	2.35	-38.14	9.64	-18.02	-9.12	0.42	-24.04	-3.80	0.89	-2.34	-4.44	3.40
TORQ_SIN		0.00	818.58	-80.05	4.08	-38.09	20.14	16.21	40.13	-15.45	-2.80	62.29	2.72	-5.75	4.95	-4.34	-0.62
THRUST_COS		5695.20	-93.91	23.44	24.79	4.69	48.36	5.27	10.37	1.60	-3.59	-13.61	-7.97	-0.63	2.25	-0.10	-13.34
THRUST_SIN		0.00	-62.08	23.81	-23.21	19.70	-90.69	11.44	19.30	-4.93	0.60	57.47	-0.06	2.33	1.78	3.07	-24.34

RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-141.56	48.51	-10.60	-0.73	17.46	51.85	7.22	-0.55	-2.38	-4.21	-6.80	0.76	0.14	2.22	-1.40	-4.76
SIDERH_SIN		0.00	235.59	-25.73	-3.98	-5.66	-129.93	2.58	3.03	-1.06	-1.17	-5.59	-0.63	0.12	-0.98	-0.14	-3.84
DRAGRH_COS		-90.84	240.34	-4.17	-1.40	6.91	99.17	-12.20	-0.36	-2.75	-6.21	-8.22	-1.17	-2.16	-0.14	0.53	6.64
DRAGRH_SIN		0.00	-44.25	33.16	1.36	5.46	117.22	-0.34	-2.05	-3.69	4.25	10.09	-2.53	2.26	-0.14	1.29	-2.18

RUN	POINT	Harmonics															
57	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.30	-0.19	-0.29	0.08	-0.03	0.01	0.02	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.56	-0.17	-0.10	0.02	-0.03	0.03	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.00	-4.62	-9.50	1.78	-1.22	0.61	0.64	-0.50	-0.28	-0.43	0.45	0.07	-0.08	-0.09	0.00	-0.18
ACT1FORCE_SIN		0.00	19.01	-4.65	-2.05	1.72	-0.50	0.92	0.55	0.36	-0.21	-0.31	0.17	0.09	0.08	0.07	-0.01
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.57	-0.18	0.13	0.10	-0.01	0.03	-0.05	0.00	-0.02	0.02	0.03	0.00	0.00	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.08	-0.17	0.06	-0.05	0.01	0.03	-0.03	-0.02	-0.03	0.03	0.00	0.01	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.16	-0.11	-0.08	0.02	-0.04	0.06	0.00	0.02	-0.01	-0.03	0.00	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	0.05	0.18	-0.10	0.02	-0.04	-0.03	0.02	0.00	0.04	-0.02	-0.01	-0.01	0.00	-0.02	0.01
MRBLD1CB42P75_COS		-919.22	-1696.95	460.31	-42.77	5.94	-81.28	-76.50	22.20	9.22	-28.92	23.28	-3.38	-1.09	1.40	-4.78	2.17
MRBLD1CB42P75_SIN		0.00	1424.86	81.99	87.25	159.04	-81.81	-17.05	-107.31	43.15	36.61	-116.49	1.60	13.22	4.38	5.98	21.28

RUN	POINT	Harmonics															
57	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4515.74	-1260.56	305.18	-61.54	129.53	-153.73	-108.45	16.11	10.99	-17.87	-24.46	-0.49	2.15	3.04	-4.09	13.77
MRBLD1CB70_SIN		0.00	1062.56	-63.21	146.85	236.82	-199.08	5.00	-47.48	25.43	42.96	-66.48	-4.01	9.76	1.43	1.04	28.25
MRBLD1CB120_COS		-210.15	-733.31	248.63	52.91	145.02	-157.50	-103.75	30.47	2.85	3.55	-6.41	-2.39	3.21	4.29	4.64	-0.78
MRBLD1CB120_SIN		0.00	763.46	-104.41	101.67	307.22	-213.07	-10.73	-17.65	-42.71	-48.46	59.71	3.83	-1.04	1.84	-3.12	3.93
MRBLD1CB164_COS		-1979.41	-251.09	47.27	85.39	40.12	-81.62	-38.81	5.91	-6.24	10.03	23.89	-2.28	-0.32	-0.32	0.21	-9.12
MRBLD1CB164_SIN		0.00	289.27	-45.81	46.89	144.64	-101.58	-10.67	26.43	-52.55	-61.90	58.94	10.78	-2.25	0.65	4.52	-19.03
MRBLD1FB42P75_COS		2506.74	404.42	197.04	757.80	-133.65	-36.05	-119.86	-73.37	-76.98	-140.56	38.79	-2.26	-3.86	8.83	2.33	39.28
MRBLD1FB42P75_SIN		0.00	-275.78	418.23	167.26	453.44	233.36	22.86	-310.18	3.54	-60.53	-166.28	12.67	-0.19	-10.14	-11.11	14.71
MRBLD1FB70_COS		598.52	94.19	62.42	222.46	-40.77	-13.15	-24.80	-2.50	0.09	-2.63	-0.76	1.87	1.00	-0.27	0.26	-6.95
MRBLD1FB70_SIN		0.00	-249.74	173.50	24.46	122.66	39.64	3.65	-48.13	8.20	7.36	2.17	2.43	2.32	1.86	2.34	-3.50
MRBLD1FB87_COS		55.61	109.12	-3.51	120.75	-27.12	-12.25	-1.26	4.76	12.82	26.80	-5.72	2.70	2.19	-1.46	-0.40	-7.97
MRBLD1FB87_SIN		0.00	-303.51	122.87	11.59	54.39	8.23	-2.98	25.94	-3.36	11.51	39.55	-2.25	1.46	4.16	4.09	-0.59
MRBLD1FB120_COS		-305.88	133.62	-96.05	117.21	-2.49	-24.93	11.33	-1.37	-9.45	-4.50	-3.23	-9.39	-4.83	0.25	0.00	12.80
MRBLD1FB120_SIN		0.00	-423.92	132.25	75.75	29.01	-0.96	0.78	79.02	-7.31	-10.31	-15.68	-3.71	-6.32	-8.87	-7.51	0.38
MRBLD1FB164_COS		-22.33	154.70	74.49	54.72	110.14	54.00	20.28	16.95	6.25	5.95	-2.35	8.59	4.38	-5.32	-4.56	-6.55
MRBLD1FB164_SIN		0.00	-636.82	282.25	204.99	-69.22	-46.10	-17.48	-113.19	12.92	16.11	23.52	-1.72	4.07	5.72	1.22	-1.37

RUN	POINT	Harmonics															
57	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-59.57	4.50	114.86	-13.48	71.88	58.76	8.42	2.66	4.03	40.56	-11.66	-9.98	-13.80	-5.41	0.94	16.57
MRBLD1FB180_SIN		0.00	-472.51	201.07	138.89	-69.52	-22.48	-4.06	-100.68	3.53	21.81	81.23	-11.60	-16.28	-10.89	-11.48	1.38
MRBLD1TOR51_COS		-1574.32	217.83	156.94	-18.99	18.55	-22.41	31.21	-14.43	-7.47	2.96	-4.46	-3.86	-2.19	1.82	3.32	1.30
MRBLD1TOR51_SIN		0.00	-260.35	234.31	92.66	-17.73	16.23	-32.22	-51.69	3.05	0.91	8.97	-0.37	-7.73	-5.28	-2.37	5.72
MRBLD1TOR71_COS		-382.54	235.87	119.58	-36.21	25.46	-9.88	37.96	-16.64	-2.40	6.89	-7.85	-3.77	0.28	1.21	2.59	0.73
MRBLD1TOR71_SIN		0.00	-246.97	201.07	59.95	-39.57	14.30	-26.03	-32.59	4.27	5.07	14.40	-1.05	-5.55	-3.49	-0.96	3.85
MRBLD1TOR130_COS		-118.25	214.91	122.85	-62.11	31.79	-2.68	29.00	-7.06	0.60	0.33	9.92	-2.97	1.92	-1.39	-1.86	-1.28
MRBLD1TOR130_SIN		0.00	-218.18	142.67	56.55	-50.62	7.95	-21.18	-34.77	4.88	-3.21	-0.28	2.52	3.56	2.58	2.07	-1.56
MRBLD1TOR164_COS		-317.87	121.51	82.88	-57.87	1.47	-8.25	7.39	-8.75	4.12	4.97	-3.93	-0.80	3.01	-0.81	-1.63	1.25
MRBLD1TOR164_SIN		0.00	-107.82	50.45	4.06	-24.84	13.21	-11.36	-14.15	1.47	5.24	1.93	-4.00	2.11	1.30	-1.01	-1.86
MRFBM2CB26P5_COS		1706.12	-947.85	-218.80	3.77	-14.37	-6.47	9.42	-0.47	0.77	-6.25	16.86	-0.90	0.42	0.67	-0.05	-0.95
MRFBM2CB26P5_SIN		0.00	-553.47	32.00	67.88	27.47	-21.53	9.71	-8.67	3.45	1.64	-9.98	0.76	0.52	-0.15	0.13	-0.84
MRFBM2FB9_COS		597.57	34.33	-226.70	-141.72	36.53	23.02	7.91	-8.68	2.71	2.64	-4.59	0.59	0.30	-0.27	-0.38	0.51
MRFBM2FB9_SIN		0.00	-68.40	-237.84	-124.96	-50.80	-11.86	9.87	14.11	2.63	3.94	2.69	0.40	0.23	-0.08	0.08	-1.73
MRFBM2TOR26P5_COS		-165.34	276.96	-2.99	0.95	-0.08	-0.63	0.90	0.17	-0.03	0.43	-0.30	0.05	0.09	0.00	-0.03	0.08
MRFBM2TOR26P5_SIN		0.00	-6.27	0.56	-0.39	-1.44	0.43	0.61	0.15	-0.14	0.02	0.06	0.18	0.00	0.07	-0.11	-0.04

RUN	POINT	Harmonics															
57	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		449.45	-1287.25	398.62	-31.26	-43.50	-34.10	-61.00	7.16	14.45	-17.95	29.46	-1.59	1.54	3.33	0.03	-0.01
MRPC1CB33P25_SIN		0.00	1272.27	59.03	42.12	113.97	-12.88	-23.83	-97.14	22.33	-3.44	-88.02	5.12	7.66	3.59	2.90	18.81
MRPC1FB33P25_COS		1748.93	329.06	30.06	626.57	-197.69	-94.83	-110.10	67.05	-53.10	-68.05	128.80	-5.19	1.15	12.56	11.19	8.03
MRPC1FB33P25_SIN		0.00	-29.69	341.79	269.15	354.28	172.27	-20.67	-286.79	-40.92	-122.05	-103.41	6.96	-2.03	2.14	-2.82	46.51
MRPC1TOR25P5_COS		-319.41	-157.07	-191.84	63.21	-29.09	27.29	-37.18	17.59	12.35	0.09	17.42	4.03	7.46	-2.78	-4.78	-1.77
MRPC1TOR25P5_SIN		0.00	28.01	-241.60	-91.21	35.88	-16.95	39.03	44.16	-4.68	-5.42	-17.44	1.83	14.66	9.25	5.97	-1.61
MRPLK1LOAD_COS		5.74	-24.05	-25.44	6.63	-5.58	5.21	-6.49	2.51	3.18	0.42	2.47	-0.36	1.74	-0.49	-0.87	-0.59
MRPLK1LOAD_SIN		0.00	10.39	-33.06	-15.53	4.56	-2.63	5.23	6.32	-0.50	0.01	-1.97	-0.71	2.29	1.55	0.74	-0.16
PITCHRH_COS		8669.93	-8716.47	-78.61	299.94	49.07	-296.65	187.76	-105.26	-12.53	77.26	-22.57	-13.67	64.63	45.21	-21.77	-172.65
PITCHRH_SIN		0.00	772.01	-812.44	66.50	-217.54	1584.66	430.77	56.85	129.09	0.57	-335.83	7.28	-34.59	32.87	18.54	101.83
ROLLRH_COS		3720.77	-1091.96	1015.41	-174.60	453.49	-2778.66	-151.03	176.92	-118.01	110.34	194.52	40.24	30.19	-42.72	18.36	73.67
ROLLRH_SIN		0.00	-9030.71	111.38	419.74	-146.98	436.18	-243.45	-114.28	-22.83	-40.89	-101.33	-1.15	-2.75	-18.34	-7.34	160.68
TORQ_COS		106238.96	-69.63	-0.72	44.49	-123.44	-7.01	1.99	13.60	-3.33	-6.08	-48.29	0.10	2.57	-1.37	-3.66	4.40
TORQ_SIN		0.00	1059.58	-88.88	296.06	-101.05	-30.17	11.84	105.58	-28.17	-3.52	56.12	2.92	-4.01	4.41	-4.48	-0.20
THRUST_COS		5849.03	69.22	20.44	54.79	14.00	55.45	3.27	34.51	5.59	-2.57	-31.23	-7.81	3.10	-0.88	4.96	-17.55
THRUST_SIN		0.00	-251.60	22.83	14.38	27.58	-108.90	15.49	23.95	5.01	2.03	56.86	-3.74	-0.60	1.59	1.17	-25.31

RUN	POINT	Harmonics															
57	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-137.29	51.50	-22.26	11.55	0.74	126.18	28.54	-4.57	1.61	-3.13	-4.99	-1.64	-1.25	1.40	-0.88	-1.88
SIDERH_SIN		0.00	235.05	-9.44	12.60	56.97	-111.20	1.53	3.89	-1.05	2.63	-2.22	1.78	0.02	0.24	0.23	-4.74
DRAGRH_COS		-46.44	245.45	9.77	-4.52	5.82	-83.53	-42.19	-1.55	-2.52	-9.02	-3.62	1.97	-2.12	-1.74	0.76	7.61
DRAGRH_SIN		0.00	-51.29	20.18	-5.48	-13.68	114.00	-44.66	1.96	-5.79	3.59	13.35	0.22	3.68	-0.75	-0.02	-5.42

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-41.91	-0.20	-0.19	-3.58	-2.65	-0.91	0.02	0.55	0.25	0.05	-0.04	0.29	0.16	0.12	0.20	-0.01
ACT1FORCE_SIN		0.00	11.71	1.74	1.04	0.62	-0.91	-0.31	-0.35	0.08	0.05	-0.16	0.06	0.01	-0.08	-0.04	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		308.16	-8.53	-1.88	30.85	24.85	11.17	-0.02	-0.04	-0.03	-0.02	0.00	0.01	0.01	-0.01	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-89.46	-14.34	-8.88	-3.77	6.32	0.01	0.00	0.01	-0.02	-0.02	0.00	0.01	0.02	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		497.62	8.63	1.93	-30.88	-24.90	-11.25	-0.01	0.03	0.03	0.01	0.00	0.00	-0.01	0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	89.62	14.39	8.98	3.85	-6.29	-0.01	-0.01	-0.03	0.02	0.02	0.01	0.00	-0.02	-0.01	0.02
MRBLD1CB42P75_COS		-4648.85	-1385.83	24.67	261.29	-60.99	-92.07	-35.31	-149.84	29.89	24.47	17.64	26.40	4.99	-2.13	-55.68	1.15
MRBLD1CB42P75_SIN		0.00	-126.12	-45.20	58.83	169.32	-7.77	27.17	32.81	-48.75	-6.89	-120.30	46.79	15.89	13.69	31.86	-14.76

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2863.25	-862.13	290.52	170.88	-26.13	-91.80	-50.69	-95.86	21.90	27.22	-12.36	18.11	4.52	1.53	-41.76	0.53
MRBLD1CB70_SIN		0.00	-58.88	-75.01	101.33	305.04	17.14	67.75	48.91	-32.24	-1.80	-88.86	21.62	6.29	6.21	25.81	-16.82
MRBLD1CB120_COS		-418.20	-359.11	416.54	160.73	-8.45	-43.30	-38.84	-22.90	-36.51	-4.27	15.05	-5.76	2.56	7.76	-2.93	-0.32
MRBLD1CB120_SIN		0.00	87.23	-162.70	21.23	288.53	27.13	71.71	38.32	-0.74	-14.20	61.83	-18.99	0.15	1.11	-6.09	-9.07
MRBLD1CB164_COS		-1955.26	-116.37	136.05	39.56	-43.52	-9.92	-0.01	39.35	-36.48	-12.49	21.95	-3.13	3.70	1.20	26.20	-3.67
MRBLD1CB164_SIN		0.00	78.31	-58.51	20.32	122.55	17.64	14.95	-1.94	0.44	-25.85	65.83	-8.88	3.46	-2.76	-11.32	15.12
MRBLD1FB42P75_COS		3013.27	204.16	-404.79	534.62	-142.25	-78.86	-75.71	-301.49	-125.90	-70.74	51.19	61.57	38.01	29.81	-26.68	-49.50
MRBLD1FB42P75_SIN		0.00	49.14	9.75	88.55	141.78	86.46	33.46	158.67	-58.29	-86.53	-138.80	10.23	-3.88	9.99	132.27	-23.39
MRBLD1FB70_COS		396.11	-3.36	-182.71	149.41	-55.69	-21.45	-5.28	-39.03	-2.52	2.73	-0.65	-0.65	-2.58	-5.38	7.65	12.12
MRBLD1FB70_SIN		0.00	-193.79	27.13	23.65	34.24	8.28	8.04	33.06	-3.88	1.83	2.45	2.92	3.86	-0.87	-28.19	4.46
MRBLD1FB87_COS		-102.41	22.07	-151.26	48.67	-50.58	-23.45	-4.57	29.26	18.67	14.76	-4.13	-11.72	-4.92	-4.42	3.13	5.36
MRBLD1FB87_SIN		0.00	-194.99	50.64	53.04	21.43	4.73	-2.72	-14.85	4.44	10.65	30.77	-3.26	1.58	0.27	-24.66	5.72
MRBLD1FB120_COS		-488.79	21.11	-232.11	15.79	-13.92	2.35	6.56	55.38	3.60	-9.34	-7.59	1.25	2.36	5.29	-7.80	-9.73
MRBLD1FB120_SIN		0.00	-244.60	97.43	123.91	31.84	-0.68	-22.11	-50.39	6.91	-1.02	-11.57	-0.70	-7.64	-2.98	36.96	-8.62
MRBLD1FB164_COS		-216.90	54.81	-333.43	73.47	151.12	73.42	8.80	-86.77	-8.03	10.28	4.58	-4.97	-3.98	-1.42	5.93	2.13
MRBLD1FB164_SIN		0.00	-304.13	107.84	147.22	-2.93	-31.64	18.00	59.54	-13.40	1.15	21.91	-2.89	1.48	2.05	-17.74	5.08

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.50	3.58	-188.60	33.42	117.37	52.91	-16.22	-83.24	14.31	16.28	-24.34	-21.25	5.38	8.50	-15.88	-13.20
MRBLD1FB180_SIN		0.00	-212.63	68.60	70.31	-7.79	-21.92	23.67	65.82	-20.80	-5.53	64.49	-0.73	-7.99	-9.58	45.35	-7.39
MRBLD1TOR51_COS		-1446.47	70.13	-23.27	79.76	-14.09	-23.44	6.53	-32.73	8.15	2.14	-12.74	-3.27	3.40	2.51	-11.28	-1.06
MRBLD1TOR51_SIN		0.00	-73.79	10.39	26.91	13.53	4.25	6.59	45.71	-2.88	-7.32	0.10	-5.75	-0.83	0.20	6.13	-5.96
MRBLD1TOR71_COS		-254.00	85.44	-30.76	54.45	-2.43	-11.46	12.57	-14.45	8.80	0.88	-13.60	-4.33	2.24	3.33	-7.77	-1.26
MRBLD1TOR71_SIN		0.00	-73.18	5.95	9.25	-0.31	3.18	8.33	43.75	5.03	-1.44	6.55	-4.74	-1.78	-0.81	1.93	-3.46
MRBLD1TOR130_COS		-9.83	74.75	-9.18	30.51	13.59	-6.55	10.31	-15.98	5.05	1.54	6.62	1.28	1.17	0.21	-1.14	-0.97
MRBLD1TOR130_SIN		0.00	-58.72	1.23	-0.25	-0.34	6.18	9.71	33.62	1.48	-2.02	3.12	10.16	3.84	1.10	-3.12	3.52
MRBLD1TOR164_COS		-214.83	39.61	47.70	2.75	-8.72	-16.51	-0.22	-0.17	5.94	3.01	0.22	0.77	2.56	3.09	-5.18	-1.36
MRBLD1TOR164_SIN		0.00	-20.69	-8.30	-24.63	-3.90	6.22	9.36	19.41	1.61	-1.68	5.23	6.23	2.68	0.43	-2.23	-0.87
MRFBM2CB26P5_COS		-2043.47	-127.42	15.99	-75.13	-22.49	5.71	9.79	5.32	2.26	-3.28	8.92	-0.22	-1.64	0.74	2.45	-3.11
MRFBM2CB26P5_SIN		0.00	-545.14	-14.90	-27.24	-1.82	2.16	3.42	-11.10	8.69	-0.03	-2.94	2.02	-0.82	-1.25	3.56	-1.23
MRFBM2FB9_COS		240.65	-11.81	150.05	-106.17	26.63	15.14	6.75	17.89	0.04	-1.47	-4.96	-0.37	-0.25	0.44	3.82	-0.43
MRFBM2FB9_SIN		0.00	21.46	23.19	-80.28	-16.19	-1.25	3.90	4.71	5.76	2.66	2.26	-2.07	-1.31	-0.72	0.44	1.53
MRFBM2TOR26P5_COS		-419.85	129.03	1.06	-0.04	-0.01	-0.24	-0.10	-0.19	-0.13	0.06	-0.15	0.14	0.01	-0.01	0.18	0.10
MRFBM2TOR26P5_SIN		0.00	44.86	0.07	-0.78	0.42	-0.44	0.07	-0.23	-0.24	0.01	0.03	-0.13	0.07	0.01	-0.17	0.05

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-652.25	-1262.12	-52.71	266.59	-56.54	-63.67	-22.14	-131.58	5.97	9.94	29.94	21.84	7.91	2.23	-51.81	-0.08
MRPC1CB33P25_SIN		0.00	-75.70	-21.28	0.47	78.17	-6.14	5.13	18.19	-48.57	-21.41	-77.36	34.44	12.53	13.36	27.36	-17.55
MRPC1FB33P25_COS		2223.22	134.38	-347.04	419.72	-153.98	-91.60	-72.42	-295.69	-64.89	-4.35	116.35	37.31	28.17	10.32	-134.66	-6.97
MRPC1FB33P25_SIN		0.00	208.69	-60.78	173.27	95.02	48.15	-2.32	-1.84	-103.71	-99.59	-73.46	47.48	24.16	31.19	55.01	-57.59
MRPC1TOR25P5_COS		-800.64	-49.09	-21.05	-70.65	4.68	12.37	-15.83	19.10	-11.33	-0.07	22.25	7.33	-2.91	-1.01	-10.94	-3.02
MRPC1TOR25P5_SIN		0.00	125.11	-55.91	-2.10	-1.00	1.01	-4.37	-51.87	-4.81	4.98	-8.01	16.86	3.19	4.45	-5.50	-0.55
MRPLK1LOAD_COS		-84.82	0.78	0.42	-9.03	1.25	2.45	-1.64	4.18	-1.24	-0.16	3.38	0.30	-0.50	-0.20	-1.89	-0.67
MRPLK1LOAD_SIN		0.00	-12.74	-3.56	-2.00	-1.26	0.32	-0.97	-6.78	-0.37	0.36	-0.37	2.65	0.19	0.27	-2.13	0.23
PITCHRH_COS		9645.06	-8315.85	-746.89	-98.08	-14.94	-353.97	-94.78	-7.92	34.61	-29.04	43.46	-151.10	21.42	-56.83	-0.99	-418.10
PITCHRH_SIN		0.00	2008.92	-614.33	107.44	-51.81	528.18	100.25	42.47	-80.29	-112.35	-239.43	14.76	-15.26	43.11	18.51	316.50
ROLLRH_COS		921.44	-1846.41	710.48	5.79	-369.49	-973.36	-178.66	-72.55	109.41	84.35	330.21	-54.16	2.61	7.95	-31.43	-732.98
ROLLRH_SIN		0.00	-8054.98	-851.47	-40.34	112.86	176.70	-232.47	12.32	44.25	-24.69	-79.85	-113.66	37.22	87.72	0.00	-451.66
TORQ_COS		31720.08	277.43	1.16	0.56	-52.17	86.50	-3.02	20.15	-23.26	-0.74	-16.26	-0.18	2.89	-0.31	-1.60	14.34
TORQ_SIN		0.00	662.27	-12.96	5.66	-86.44	49.86	3.33	17.65	-5.47	-5.61	2.74	3.74	-8.81	7.89	-10.87	-19.40
THRUST_COS		5770.17	-55.90	3.14	6.23	13.36	40.93	3.98	12.60	-1.61	-4.09	-35.17	1.56	-0.30	-0.70	3.21	22.85
THRUST_SIN		0.00	-102.80	6.38	1.16	32.60	-36.09	2.30	3.10	-0.30	3.10	34.51	-2.68	0.23	-2.27	-11.61	29.92

RUN	POINT	Harmonics															
61	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.01	55.46	-20.02	-4.33	35.63	45.15	11.12	0.61	-2.43	-4.32	-12.65	2.96	0.11	-0.27	0.50	21.14
SIDERH_SIN		0.00	193.94	17.37	5.88	-61.90	-74.91	11.88	-0.12	-0.89	1.76	3.60	5.33	-1.31	-2.49	-0.24	12.63
DRAGRH_COS		-169.25	219.58	15.65	-1.62	-6.52	33.46	-9.54	1.44	-1.01	-0.54	4.02	6.15	-0.96	3.39	-0.92	16.52
DRAGRH_SIN		0.00	-64.48	16.76	0.92	4.84	63.68	-24.77	1.66	6.09	5.25	9.11	-6.62	2.33	-1.22	-2.32	-13.44

RUN	POINT	Harmonics															
61	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.62	-0.13	-0.03	-0.12	-0.05	-0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.41	0.03	0.02	-0.04	-0.03	-0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.59	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.66	-3.96	-0.98	-3.54	-1.65	-0.48	0.27	0.67	0.17	0.15	0.18	0.40	0.13	0.05	0.10	-0.11
ACT1FORCE_SIN		0.00	14.13	0.29	1.08	-0.46	-0.87	-0.55	-0.35	0.05	0.03	-0.10	0.15	0.10	0.06	-0.05	0.09
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.54	-0.14	-0.01	-0.01	0.06	0.04	0.03	0.01	-0.01	-0.01	0.01	-0.02	-0.01	-0.02	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-0.05	0.00	-0.12	-0.07	-0.02	0.01	0.04	0.01	0.02	0.02	0.02	0.01	0.00	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.11	0.01	0.01	-0.05	-0.06	-0.03	0.00	0.00	0.01	-0.01	0.02	0.01	0.02	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	0.04	0.03	0.11	0.05	0.03	-0.01	-0.04	-0.02	-0.03	-0.02	-0.02	-0.01	0.00	0.00	0.03
MRBLD1CB42P75_COS		-4623.49	-1875.71	9.60	253.99	-21.30	-95.48	-51.03	-168.81	42.10	42.10	40.65	18.95	8.44	5.34	-53.88	0.09
MRBLD1CB42P75_SIN		0.00	-281.81	-56.72	81.85	144.67	9.67	29.84	-13.18	-58.14	-4.46	-98.39	30.43	10.43	14.10	39.04	-21.44

RUN	POINT	Harmonics															
61	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2870.65	-1163.23	276.70	163.60	29.57	-105.34	-46.76	-107.57	28.28	42.30	17.54	15.47	6.41	8.67	-35.15	-0.26
MRBLD1CB70_SIN		0.00	-180.89	-78.39	115.09	288.84	38.78	49.13	21.96	-41.14	1.16	-68.10	13.51	3.40	6.92	32.32	-23.91
MRBLD1CB120_COS		-435.57	-464.58	403.32	158.69	33.92	-57.49	-16.03	-19.45	-41.45	-13.38	0.43	0.01	2.32	6.18	-3.68	0.77
MRBLD1CB120_SIN		0.00	7.35	-157.26	33.32	250.76	53.78	39.89	41.99	-4.38	-12.76	53.19	-8.95	1.32	2.32	-6.08	-10.55
MRBLD1CB164_COS		-1951.52	-143.60	127.70	35.31	-23.40	-13.80	17.88	46.12	-40.65	-23.39	-0.54	-0.06	2.43	-1.59	24.50	-3.13
MRBLD1CB164_SIN		0.00	59.50	-56.48	27.07	98.66	24.35	2.62	15.70	1.11	-26.42	48.45	-1.09	7.10	-1.57	-13.78	21.14
MRBLD1FB42P75_COS		2989.38	344.39	-398.76	550.90	-186.22	-43.21	-88.40	-344.01	-110.39	-58.36	44.12	53.44	39.96	39.33	-16.17	-61.63
MRBLD1FB42P75_SIN		0.00	54.28	13.70	165.54	-29.45	113.75	46.51	102.84	-75.35	-83.46	-119.73	2.49	-10.63	7.88	141.69	-31.64
MRBLD1FB70_COS		393.21	-2.41	-180.19	150.48	-64.03	-11.91	-8.30	-48.98	-1.52	3.25	0.49	-0.52	-2.84	-7.11	5.68	14.78
MRBLD1FB70_SIN		0.00	-198.07	25.88	49.97	-17.42	16.70	11.53	23.62	-6.15	1.40	2.05	3.33	5.59	-0.22	-29.61	6.30
MRBLD1FB87_COS		-99.59	24.25	-148.85	46.68	-54.53	-20.73	-3.30	31.68	16.68	11.89	-4.31	-9.48	-4.93	-6.12	0.66	7.70
MRBLD1FB87_SIN		0.00	-190.32	49.48	67.50	-1.67	4.00	-2.89	-9.41	7.12	11.13	27.21	-1.55	3.51	1.37	-26.43	6.99
MRBLD1FB120_COS		-472.19	20.71	-229.74	13.44	-16.00	0.22	14.55	70.54	4.66	-8.00	-5.93	0.85	3.18	8.23	-4.34	-12.12
MRBLD1FB120_SIN		0.00	-220.03	94.88	136.17	36.31	-10.41	-24.67	-36.74	10.29	-0.80	-10.87	-1.47	-9.06	-4.67	38.28	-10.86
MRBLD1FB164_COS		-271.60	77.89	-324.26	95.68	160.61	62.91	-0.94	-103.36	-7.26	8.65	3.50	-4.04	-3.34	-2.71	3.81	3.62
MRBLD1FB164_SIN		0.00	-337.40	106.65	147.48	76.64	-22.81	23.64	43.30	-15.46	1.44	18.98	-3.03	1.53	2.12	-18.46	6.80

RUN	POINT	Harmonics															
61	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-280.69	22.04	-181.54	49.07	123.92	52.71	-22.33	-97.91	16.35	17.51	-22.78	-16.03	8.14	16.47	-7.46	-14.50
MRBLD1FB180_SIN		0.00	-256.81	71.12	66.61	44.36	-9.47	34.30	53.00	-18.74	-5.06	53.70	0.13	-7.21	-10.80	44.18	-12.12
MRBLD1TOR51_COS		-1533.65	85.43	1.34	103.08	-12.18	-34.48	-0.94	-43.01	7.57	4.31	-9.36	-0.58	3.89	4.07	-10.38	-1.28
MRBLD1TOR51_SIN		0.00	-167.95	9.57	44.55	22.53	13.12	2.35	36.03	-3.30	-7.80	-1.78	-4.56	0.67	2.20	8.43	-7.64
MRBLD1TOR71_COS		-335.56	104.91	-6.80	76.00	-1.25	-22.11	5.52	-23.20	7.18	2.11	-10.79	-1.92	2.66	4.45	-6.61	-0.95
MRBLD1TOR71_SIN		0.00	-160.07	5.00	22.08	13.98	9.87	4.26	38.03	4.72	-2.56	4.22	-3.04	-0.69	0.64	2.54	-4.03
MRBLD1TOR130_COS		-93.08	92.74	15.61	52.58	15.88	-15.73	3.56	-22.94	4.97	2.71	6.55	1.23	1.32	0.53	-0.68	-0.43
MRBLD1TOR130_SIN		0.00	-148.42	-0.40	7.37	21.77	12.52	6.18	27.84	1.03	-2.30	3.17	9.59	3.22	1.24	-4.58	4.78
MRBLD1TOR164_COS		-272.87	49.73	64.86	15.59	-3.48	-18.27	-4.35	-4.08	5.86	3.81	0.39	0.31	2.65	3.68	-4.54	-0.67
MRBLD1TOR164_SIN		0.00	-85.44	-9.62	-22.66	-1.98	12.88	7.77	17.48	1.95	-1.32	5.26	6.02	1.30	0.07	-2.77	-0.43
MRFBM2CB26P5_COS		-2044.77	-71.18	20.35	-70.32	-25.43	8.62	4.18	1.81	2.32	-4.52	7.26	-1.45	-1.93	0.59	-1.16	-1.14
MRFBM2CB26P5_SIN		0.00	-747.78	-16.37	-34.27	6.17	5.45	-1.54	-10.88	7.99	1.14	-6.16	3.35	-1.11	-1.31	4.73	-2.13
MRFBM2FB9_COS		226.81	223.76	149.04	-103.40	22.43	14.88	6.88	17.34	-1.33	-1.78	-4.78	-0.58	-0.45	0.31	4.20	-1.17
MRFBM2FB9_SIN		0.00	2.46	22.39	-99.55	4.28	-4.38	2.55	8.88	5.66	2.26	1.62	-1.49	-1.50	-1.03	0.05	1.62
MRFBM2TOR26P5_COS		-418.99	128.67	0.90	0.14	0.07	-0.16	-0.32	-0.16	-0.06	0.05	-0.16	0.18	0.00	0.01	0.23	0.08
MRFBM2TOR26P5_SIN		0.00	46.64	-0.07	-0.99	0.48	-0.58	0.19	-0.22	-0.26	-0.01	0.12	-0.18	0.06	-0.03	-0.14	0.07

RUN	POINT	Harmonics															
61	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-634.73	-1668.44	-63.68	263.00	-40.17	-60.38	-35.38	-144.86	15.81	20.20	35.56	16.12	10.47	7.77	-50.40	-0.84
MRPC1CB33P25_SIN		0.00	-171.44	-36.36	22.68	48.97	9.08	14.19	-16.17	-55.53	-19.09	-65.41	24.19	8.85	14.30	34.51	-24.20
MRPC1FB33P25_COS		2200.04	257.63	-345.29	418.78	-148.81	-70.27	-85.76	-305.02	-46.19	4.49	100.55	35.62	35.14	18.22	-135.85	-5.83
MRPC1FB33P25_SIN		0.00	224.44	-53.58	238.63	-54.76	81.27	2.27	-60.65	-110.30	-90.86	-62.96	36.46	20.04	37.26	69.10	-73.74
MRPC1TOR25P5_COS		-710.59	-55.07	-50.38	-95.92	6.20	25.27	-8.22	29.29	-9.33	-0.88	19.40	3.56	-2.27	-1.58	-11.09	-1.52
MRPC1TOR25P5_SIN		0.00	223.08	-46.94	-17.79	-16.68	-5.06	0.79	-44.73	-4.60	4.70	-3.14	14.95	-0.07	2.84	-9.49	0.43
MRPLK1LOAD_COS		-72.78	-2.41	-2.94	-12.39	1.46	4.18	-0.67	5.57	-1.04	-0.39	2.82	-0.15	-0.40	-0.28	-1.78	-0.22
MRPLK1LOAD_SIN		0.00	-0.20	-3.51	-4.22	-2.99	-0.93	-0.21	-5.57	-0.32	0.47	0.12	2.45	-0.37	0.08	-3.10	0.58
PITCHRH_COS		6797.08	-8122.81	-905.98	-29.31	-42.04	-808.78	-150.60	-25.27	5.96	-23.64	33.10	-103.37	34.87	-60.31	30.83	-487.87
PITCHRH_SIN		0.00	1811.68	-717.96	71.36	75.98	97.57	208.96	105.36	-37.41	-37.61	-267.79	-81.49	26.70	62.63	4.53	213.92
ROLLRH_COS		950.94	-1532.17	813.95	3.67	-463.49	-248.10	-82.60	-75.65	86.51	19.85	338.24	40.68	-23.34	79.88	-66.87	-667.65
ROLLRH_SIN		0.00	-7883.50	-1098.28	-59.57	139.85	-121.25	-298.72	84.55	4.71	-5.08	-105.85	-93.46	59.50	62.86	49.73	-610.76
TORQ_COS		31769.94	198.74	-2.40	-4.32	-98.69	88.84	6.91	34.93	-20.27	-1.69	-5.30	1.70	2.56	-0.58	-0.73	10.96
TORQ_SIN		0.00	648.91	-20.52	15.23	-145.83	67.21	-4.83	32.22	-5.57	-4.49	8.05	3.21	-9.39	7.55	-13.16	-21.54
THRUST_COS		5789.97	9.40	7.49	4.31	21.39	36.93	6.05	23.16	-4.87	-5.27	-23.33	4.05	0.24	0.06	4.76	18.45
THRUST_SIN		0.00	-132.26	1.40	7.00	41.64	-43.88	2.80	3.59	-2.43	1.58	38.50	-3.89	-1.70	-2.12	-21.73	44.88

RUN	POINT	Harmonics															
61	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.09	33.35	-19.10	-4.24	43.06	12.37	5.47	0.58	-1.20	-1.33	-13.60	-2.02	1.13	-2.48	1.58	18.89
SIDERH_SIN		0.00	193.16	20.13	1.11	-79.89	-27.23	15.88	-3.33	0.66	0.96	4.82	5.33	-1.98	-1.74	-1.37	17.24
DRAGRH_COS		-188.93	223.64	15.09	2.19	-10.30	27.05	4.44	-5.92	2.27	2.09	3.58	9.36	-2.62	2.38	-3.01	21.25
DRAGRH_SIN		0.00	-62.36	13.87	1.53	-0.79	-5.28	-31.60	3.46	6.06	0.01	14.14	-0.46	-1.17	-3.65	-2.17	-9.64

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.80	-1.06	2.38	-2.30	-2.34	-1.63	-0.26	0.34	0.17	0.13	-0.01	-0.04	0.14	0.11	0.16	0.15
ACT1FORCE_SIN		0.00	12.39	1.06	3.46	0.94	-0.76	-0.30	-0.13	0.20	-0.06	-0.17	0.03	-0.01	-0.06	-0.01	0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		217.76	3.21	-28.26	21.14	21.69	15.23	-0.01	-0.05	-0.02	-0.04	-0.01	0.01	0.00	0.00	-0.02	-0.03
FA1IBVOLTAGE_SIN		0.00	-98.71	-5.69	-30.70	-7.84	6.29	-0.01	0.02	0.02	-0.02	0.00	-0.02	0.01	0.03	0.01	0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		588.21	-3.04	28.37	-21.00	-21.71	-15.34	-0.02	0.03	0.02	0.03	0.00	0.00	0.00	0.01	0.02	0.03
FA1OBVOLTAGE_SIN		0.00	98.92	5.64	30.89	8.02	-6.17	0.02	-0.02	-0.04	0.01	-0.01	0.01	-0.01	-0.02	-0.01	-0.01
MRBLD1CB42P75_COS		-4896.34	-141.97	-317.52	523.28	-41.49	-13.36	-11.88	-142.87	11.63	12.43	29.31	19.95	6.37	10.70	12.59	-6.93
MRBLD1CB42P75_SIN		0.00	-681.89	4.40	-37.59	212.37	45.51	21.52	-29.59	-31.09	-15.26	-60.25	45.92	11.62	1.98	25.62	-6.83

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2767.51	-168.34	-37.16	370.11	-65.84	-36.68	-24.11	-100.44	7.46	13.60	-11.75	13.35	1.34	6.54	8.90	-6.52
MRBLD1CB70_SIN		0.00	-423.30	-11.15	10.80	248.49	61.13	66.82	-13.71	-25.39	-6.51	-27.51	25.20	8.08	2.22	18.64	-6.20
MRBLD1CB120_COS		-520.05	-206.92	136.00	276.18	-47.16	-43.65	-43.27	-28.18	-25.11	-3.42	5.70	-3.00	1.54	0.80	-5.10	-2.63
MRBLD1CB120_SIN		0.00	-91.45	-82.83	-20.43	232.52	56.03	91.09	2.82	-4.66	-4.89	25.69	-20.96	-1.05	0.16	2.44	-1.69
MRBLD1CB164_COS		-1938.04	-89.30	32.56	111.93	-41.12	-32.21	-22.60	29.09	-23.99	-8.81	25.60	-1.67	3.79	-0.24	-0.81	4.17
MRBLD1CB164_SIN		0.00	5.76	-37.07	11.21	94.31	10.56	28.52	13.85	2.55	-8.25	18.87	-16.56	-1.59	-3.67	-12.03	5.52
MRBLD1FB42P75_COS		2631.50	14.07	-395.33	878.95	104.91	-12.51	-51.54	-279.09	-87.01	-45.26	58.68	51.98	27.64	25.91	59.59	-29.05
MRBLD1FB42P75_SIN		0.00	137.57	26.26	-228.99	335.43	107.16	82.14	61.01	-8.31	-54.71	-153.29	8.40	-5.07	-7.12	26.23	7.68
MRBLD1FB70_COS		270.92	40.66	-187.04	284.26	8.71	2.32	0.53	-36.98	-0.87	1.53	-0.25	-1.67	-2.01	-4.36	-11.85	6.32
MRBLD1FB70_SIN		0.00	-177.82	44.40	-78.25	89.48	11.79	10.41	11.71	0.25	1.73	2.15	0.70	1.30	1.23	-6.76	-2.74
MRBLD1FB87_COS		-139.88	57.30	-137.23	129.44	-26.27	-18.05	-6.00	24.54	12.00	9.17	-7.71	-9.55	-4.00	-4.80	-13.43	3.64
MRBLD1FB87_SIN		0.00	-168.18	61.11	-4.98	43.14	-0.57	-11.13	-9.58	-2.68	6.30	31.50	-3.19	2.04	3.94	-2.16	0.63
MRBLD1FB120_COS		-469.33	101.18	-188.22	100.19	-29.84	-19.06	-4.26	55.57	3.67	-4.34	-3.52	0.65	1.79	6.31	17.87	-7.28
MRBLD1FB120_SIN		0.00	-205.79	108.46	65.07	11.56	-5.25	-23.82	-15.47	3.97	1.28	-9.12	1.92	-2.24	-5.56	3.71	-0.57
MRBLD1FB164_COS		-451.63	152.44	-246.73	116.55	56.38	54.11	6.00	-81.70	-8.52	5.93	2.99	-1.07	0.17	-1.90	-8.68	4.53
MRBLD1FB164_SIN		0.00	-267.09	161.04	77.02	-89.38	-4.23	30.08	19.62	-3.81	-5.38	14.48	-6.38	-0.61	1.54	-2.81	0.53

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-422.51	89.08	-133.42	49.46	34.69	49.51	1.96	-88.24	-0.69	15.90	-14.38	-14.47	-0.80	5.21	19.12	-11.77
MRBLD1FB180_SIN		0.00	-190.87	90.77	46.42	-70.85	-11.91	35.30	18.85	-14.45	-7.83	49.68	-16.58	-1.97	-2.11	8.98	1.28
MRBLD1TOR51_COS		-1476.11	43.77	-43.66	108.09	23.41	-20.45	1.19	-49.80	0.56	5.91	-6.76	-2.53	-2.15	0.98	5.10	1.12
MRBLD1TOR51_SIN		0.00	-90.17	9.90	-3.20	32.50	14.27	1.32	3.19	-6.38	-3.49	7.11	-3.95	-3.23	-2.71	4.26	-3.26
MRBLD1TOR71_COS		-263.48	52.12	-39.62	65.41	26.38	-11.44	6.73	-31.90	2.55	4.13	-9.34	-3.31	-1.95	0.84	1.94	0.32
MRBLD1TOR71_SIN		0.00	-74.75	3.91	-8.85	10.88	9.12	1.80	8.17	-1.13	0.21	9.80	-3.56	-3.16	-2.48	2.04	-1.70
MRBLD1TOR130_COS		-23.41	50.44	-18.86	20.25	29.06	-5.23	4.54	-29.74	0.25	3.13	8.27	0.54	0.96	0.24	-4.52	-1.89
MRBLD1TOR130_SIN		0.00	-65.91	1.75	-9.85	-2.75	8.11	5.69	5.08	-1.20	-1.97	0.87	7.37	2.50	1.26	-0.97	1.90
MRBLD1TOR164_COS		-167.44	8.20	43.05	-20.88	5.57	-6.09	2.04	-8.28	0.67	0.45	-0.52	1.81	2.87	1.75	-3.53	-3.67
MRBLD1TOR164_SIN		0.00	-38.38	-12.51	-18.91	6.45	3.97	2.96	5.47	1.02	-1.77	0.62	1.05	1.94	2.98	2.89	0.48
MRFBM2CB26P5_COS		-2168.14	250.81	108.81	-103.45	12.79	11.74	6.38	2.81	4.57	-2.78	13.03	-1.47	-1.70	-0.54	0.21	-1.06
MRFBM2CB26P5_SIN		0.00	-53.04	-86.05	-37.62	-3.78	6.00	0.43	-8.19	5.56	-0.02	-7.68	2.70	-0.20	-1.56	0.80	-1.11
MRFBM2FB9_COS		-767.08	-118.29	223.51	-219.69	10.21	11.61	6.84	12.80	1.03	-0.97	-4.98	-0.16	-0.29	-0.26	0.48	-0.07
MRFBM2FB9_SIN		0.00	7.26	3.64	-29.99	-45.45	-6.64	3.39	7.88	3.38	1.74	0.67	-1.79	-1.07	-0.81	-1.61	0.93
MRFBM2TOR26P5_COS		-539.66	48.03	-0.10	0.52	-0.50	-0.05	0.16	-0.04	-0.08	0.11	-0.21	0.19	0.08	-0.01	0.09	0.07
MRFBM2TOR26P5_SIN		0.00	29.54	0.46	-0.93	-0.08	0.01	0.11	-0.10	-0.06	-0.07	0.17	-0.12	0.02	0.01	-0.17	0.01

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-864.66	-126.21	-358.99	478.87	-7.45	-3.71	-16.12	-123.68	-1.13	4.76	44.16	15.89	7.40	9.67	10.10	-7.62
MRPC1CB33P25_SIN		0.00	-616.93	13.00	-74.29	157.66	26.57	5.16	-24.49	-23.78	-18.86	-51.21	31.79	8.89	2.52	25.23	-7.46
MRPC1FB33P25_COS		1988.86	-47.06	-321.09	750.52	-0.10	-43.32	-68.28	-237.28	-58.54	-1.64	128.08	30.82	21.07	21.28	7.52	-26.24
MRPC1FB33P25_SIN		0.00	258.31	-47.43	-27.54	303.67	85.53	45.91	-67.81	-48.98	-62.77	-76.05	41.60	17.66	18.50	68.31	-21.99
MRPC1TOR25P5_COS		-805.53	-86.21	55.28	-86.36	-32.47	15.70	-4.35	41.54	-0.98	-4.70	14.79	4.58	2.88	0.64	-11.77	-9.20
MRPC1TOR25P5_SIN		0.00	197.64	-36.74	20.70	-13.69	-6.74	5.40	-8.07	2.41	0.75	-13.21	15.26	6.07	4.79	2.97	1.84
MRPLK1LOAD_COS		-111.56	0.22	1.59	-11.08	-4.53	1.95	-0.89	6.77	0.01	-0.98	2.58	0.27	0.28	-0.07	-2.76	-1.72
MRPLK1LOAD_SIN		0.00	3.49	-4.26	1.96	-3.71	-1.31	-0.07	-0.82	0.71	0.36	-1.56	2.53	0.77	0.54	-0.24	0.28
PITCHRH_COS		12387.28	-8503.05	-1012.67	-10.21	14.04	782.63	-51.74	-139.05	45.50	28.64	32.51	-80.03	51.42	-31.59	-11.36	-48.26
PITCHRH_SIN		0.00	2566.91	-394.40	61.68	45.04	1380.31	-3.13	125.49	-100.42	-80.37	-105.19	36.26	1.29	47.30	12.65	183.85
ROLLRH_COS		213.48	-2379.42	673.05	33.37	-434.29	-1854.09	-163.86	-49.06	106.53	89.21	240.48	-60.23	23.54	5.03	-49.02	-549.71
ROLLRH_SIN		0.00	-8022.40	-1222.26	-77.23	199.34	1099.12	-142.50	-95.71	76.20	26.73	-36.99	-24.85	16.82	0.25	25.92	110.99
TORQ_COS		22315.28	335.80	2.70	-18.26	-45.60	-40.94	-0.64	15.06	-24.91	-3.79	-22.53	1.04	5.60	-7.27	15.87	2.89
TORQ_SIN		0.00	666.78	-13.42	4.24	-66.56	31.97	5.13	13.31	-11.05	-3.00	17.04	5.32	-12.40	10.19	-11.45	-1.65
THRUST_COS		3000.31	-68.99	3.27	2.06	13.74	12.70	5.54	19.58	-0.60	-4.87	-43.75	1.89	-3.72	1.74	-3.00	20.38
THRUST_SIN		0.00	-87.66	2.50	0.93	25.99	-48.95	-0.02	4.97	0.66	4.15	45.82	-1.67	-1.39	-1.46	-8.77	6.78

RUN	POINT	Harmonics															
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-92.40	61.68	-16.45	1.09	32.79	69.50	8.56	-1.12	-2.37	-3.32	-8.73	2.89	-0.63	-0.21	1.29	15.39
SIDERH_SIN		0.00	180.17	29.98	6.48	-62.31	-134.86	8.27	1.08	-1.58	-0.41	1.65	1.05	-0.48	0.10	-0.90	-2.73
DRAGRH_COS		-133.46	221.84	26.39	-1.59	-5.67	10.00	-6.24	-3.05	-1.31	-4.56	2.75	1.20	-1.75	1.36	0.27	3.45
DRAGRH_SIN		0.00	-72.27	8.91	3.15	8.89	177.88	-11.97	3.65	4.55	5.02	1.81	-4.32	0.16	-1.62	-1.38	-6.61

RUN	POINT	Harmonics															
61	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.20	-0.15	0.05	-0.11	-0.06	-0.03	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00
FLAP1C_SIN		0.00	0.41	0.06	0.04	0.01	-0.03	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
ACT1DISP_COS		2.52	0.02	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-27.15	-4.96	0.95	-3.07	-1.47	-0.80	-0.22	0.52	0.14	0.09	0.09	-0.01	0.19	0.17	0.18	0.09
ACT1FORCE_SIN		0.00	13.39	1.43	1.23	0.62	-0.94	-0.58	0.03	0.19	0.09	-0.15	0.02	0.03	0.03	0.10	0.16
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.53	-0.14	-0.03	-0.03	0.01	0.04	0.04	0.00	-0.01	-0.02	0.02	0.00	0.00	-0.01	-0.03	-0.03
FA1IBVOLTAGE_SIN		0.00	-0.05	0.06	-0.11	-0.09	-0.04	0.00	0.02	0.01	0.01	-0.02	0.00	0.02	0.03	0.01	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.07	0.12	0.04	0.03	0.01	-0.06	-0.03	-0.01	0.01	0.02	-0.01	-0.01	-0.01	0.01	0.03	0.03
FA1OBVOLTAGE_SIN		0.00	0.04	-0.01	0.10	0.06	0.05	0.01	-0.04	-0.01	-0.01	0.01	0.00	-0.02	-0.02	-0.02	0.00
MRBLD1CB42P75_COS		-4805.50	-278.80	-298.26	479.68	-11.29	-8.15	-45.75	-133.87	38.23	13.33	0.38	38.33	3.11	6.44	1.84	-3.69
MRBLD1CB42P75_SIN		0.00	-703.27	0.39	1.86	133.47	55.86	41.04	-155.72	-22.83	-22.92	-98.19	57.32	18.60	4.86	20.26	-8.61

RUN	POINT	Harmonics															
61	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2802.25	-243.47	-30.82	331.83	-17.65	-16.14	-53.26	-99.13	32.39	16.07	-32.55	25.99	0.38	4.06	4.32	-6.80
MRBLD1CB70_SIN		0.00	-429.10	-20.87	46.43	155.04	66.38	64.60	-99.74	-21.29	-13.55	-44.45	29.51	8.95	0.98	8.80	-8.03
MRBLD1CB120_COS		-549.62	-226.57	127.20	248.39	-19.72	-18.40	-56.95	-25.85	-14.45	-1.52	27.27	-10.10	4.17	0.51	-3.22	-1.27
MRBLD1CB120_SIN		0.00	-90.61	-96.56	10.23	136.47	60.41	59.99	-23.87	-7.96	0.32	47.91	-22.47	-1.62	0.91	-1.38	-2.97
MRBLD1CB164_COS		-1940.52	-96.08	28.18	97.41	-33.41	-16.88	-12.99	22.12	-25.35	-8.90	44.94	-8.34	4.66	1.58	-0.53	3.24
MRBLD1CB164_SIN		0.00	12.18	-39.43	26.15	53.26	8.17	10.06	41.92	-4.69	-2.61	35.42	-16.37	0.78	-1.06	-0.75	7.50
MRBLD1FB42P75_COS		2602.42	57.22	-374.49	831.65	0.35	-7.85	-101.63	-337.82	-46.83	-39.43	39.26	81.10	37.23	22.61	26.17	-28.72
MRBLD1FB42P75_SIN		0.00	120.96	30.11	-148.64	230.53	130.82	105.57	-172.00	-24.99	-50.25	-185.73	13.70	9.80	10.58	33.04	-4.08
MRBLD1FB70_COS		275.74	41.59	-180.25	262.37	-17.51	5.41	-8.83	-50.26	3.16	1.57	-1.25	-3.21	-3.22	-3.21	-4.51	6.33
MRBLD1FB70_SIN		0.00	-182.24	47.01	-51.14	51.98	17.36	17.67	-26.67	-1.21	1.17	1.94	0.38	-0.10	-1.61	-7.00	-0.10
MRBLD1FB87_COS		-129.96	57.85	-134.33	112.90	-37.99	-16.98	-0.56	30.44	7.62	10.14	-0.17	-15.47	-5.61	-3.92	-6.03	4.09
MRBLD1FB87_SIN		0.00	-168.58	65.82	9.10	28.69	-2.57	-11.38	13.35	0.29	6.32	39.05	-3.93	-0.72	-0.09	-4.34	3.04
MRBLD1FB120_COS		-431.96	101.15	-179.43	86.10	-26.91	-21.13	13.09	74.44	-4.22	-7.47	-6.53	2.29	2.18	3.70	6.74	-8.18
MRBLD1FB120_SIN		0.00	-197.54	116.64	78.47	21.46	-13.86	-34.00	38.15	5.27	0.79	-12.38	1.04	0.12	-0.59	5.24	-5.21
MRBLD1FB164_COS		-528.59	183.19	-244.50	122.39	101.77	55.20	-13.66	-104.03	1.63	8.14	8.53	-3.78	-1.07	-1.84	-3.07	5.17
MRBLD1FB164_SIN		0.00	-350.75	161.81	68.30	-43.20	5.46	38.95	-57.30	-3.24	-3.79	19.40	-6.37	-0.67	0.37	-2.80	4.55

RUN	POINT	Harmonics															
61	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-516.33	109.46	-132.87	51.73	60.99	59.14	-12.11	-105.49	7.95	19.16	1.56	-25.27	-0.50	5.45	6.41	-12.16
MRBLD1FB180_SIN		0.00	-276.25	93.55	38.48	-48.11	-3.82	49.09	-44.95	-6.66	-5.41	61.70	-21.06	-5.61	1.11	10.28	-5.55
MRBLD1TOR51_COS		-1629.02	71.10	-22.54	121.76	31.00	-21.03	-7.73	-61.92	5.09	9.11	-4.41	-2.95	-0.75	1.75	2.62	1.35
MRBLD1TOR51_SIN		0.00	-222.29	11.22	-2.98	36.05	32.94	10.92	-38.75	-7.82	-3.48	10.23	-5.92	-5.14	-3.28	3.15	-1.65
MRBLD1TOR71_COS		-407.21	78.61	-19.77	80.78	35.24	-12.23	0.08	-45.47	4.17	6.50	-6.78	-4.39	-0.75	1.43	0.94	0.96
MRBLD1TOR71_SIN		0.00	-199.82	4.97	-12.01	19.87	25.72	9.88	-19.60	-3.21	0.00	14.22	-5.87	-4.85	-2.67	0.54	-1.59
MRBLD1TOR130_COS		-170.55	75.62	1.68	39.34	40.70	-4.29	-1.67	-39.29	2.95	3.96	10.09	1.80	0.46	0.06	-2.71	-1.50
MRBLD1TOR130_SIN		0.00	-194.22	0.66	-15.21	9.59	22.35	12.59	-20.41	-2.50	-2.12	-0.48	10.15	3.83	2.00	-1.33	0.59
MRBLD1TOR164_COS		-272.83	22.13	57.34	-8.21	10.72	-3.18	-0.61	-14.60	-0.05	0.63	0.91	2.02	2.45	0.30	-3.48	-2.95
MRBLD1TOR164_SIN		0.00	-125.18	-14.59	-23.82	3.71	12.89	8.00	-0.19	0.86	-2.00	1.42	1.83	3.26	3.82	0.88	-1.95
MRFBM2CB26P5_COS		-2135.82	254.97	103.86	-90.06	15.36	12.45	-0.84	7.88	1.67	-3.33	11.62	-1.26	-1.51	-0.86	2.72	-1.12
MRFBM2CB26P5_SIN		0.00	-77.00	-79.08	-42.64	-0.10	2.66	-0.48	-5.58	4.45	-0.22	-9.61	2.12	0.49	-0.73	0.97	-1.57
MRFBM2FB9_COS		-757.38	-35.41	214.14	-200.28	14.89	12.45	8.05	6.88	-0.96	-1.23	-5.28	-0.43	0.13	0.22	0.83	-0.07
MRFBM2FB9_SIN		0.00	9.13	0.24	-44.74	-28.76	-9.12	2.42	19.40	2.35	1.68	2.37	-2.61	-1.31	-0.70	-0.79	1.06
MRFBM2TOR26P5_COS		-533.20	50.20	-0.09	0.21	-0.01	-0.11	0.05	0.13	-0.13	0.16	-0.20	0.23	0.05	-0.05	0.07	0.08
MRFBM2TOR26P5_SIN		0.00	29.64	0.40	-1.08	-0.27	0.03	0.06	-0.16	-0.01	-0.08	0.16	-0.08	0.02	-0.01	-0.08	0.05

RUN	POINT	Harmonics															
61	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-796.38	-257.45	-337.01	445.93	-3.37	-4.63	-39.82	-113.37	19.05	3.49	27.70	28.67	4.99	4.91	-0.56	-3.72
MRPC1CB33P25_SIN		0.00	-637.44	11.76	-41.34	102.48	36.84	21.46	-132.22	-17.96	-22.23	-80.03	40.86	15.58	6.22	19.23	-9.48
MRPC1FB33P25_COS		1954.82	-6.42	-307.52	698.88	-59.45	-44.66	-116.90	-188.81	-18.81	-0.57	131.34	48.76	16.42	4.52	-16.86	-15.73
MRPC1FB33P25_SIN		0.00	253.12	-43.44	29.37	192.07	104.17	46.10	-270.21	-42.25	-56.73	-112.64	65.06	34.28	25.87	41.50	-29.43
MRPC1TOR25P5_COS		-652.68	-106.82	31.92	-103.68	-38.62	19.13	0.60	57.97	-2.48	-9.28	10.48	9.06	0.77	-2.31	-9.57	-6.64
MRPC1TOR25P5_SIN		0.00	338.08	-37.69	22.68	-27.38	-26.69	-5.07	27.82	4.89	0.21	-21.97	20.58	10.68	6.04	-2.10	-4.16
MRPLK1LOAD_COS		-88.64	-3.96	-1.12	-13.40	-5.23	2.15	0.31	9.05	-0.51	-1.76	2.29	0.82	-0.07	-0.51	-1.96	-1.13
MRPLK1LOAD_SIN		0.00	21.48	-4.46	1.93	-4.84	-3.80	-1.56	4.78	1.14	0.23	-2.70	3.34	1.46	0.76	-1.18	-0.90
PITCHRH_COS		12002.88	-8356.37	-1087.21	36.87	37.11	47.79	-6.29	-173.36	130.31	57.08	36.00	-77.58	58.85	-62.59	-28.32	-88.45
PITCHRH_SIN		0.00	2398.04	-872.85	62.84	46.92	1371.70	77.12	81.83	-10.66	-33.39	-58.68	19.68	36.57	-16.90	2.81	58.46
ROLLRH_COS		213.63	-2189.75	1139.07	40.69	-334.33	-1297.36	-282.49	-31.14	-3.65	52.81	284.41	-54.31	45.11	-45.94	-41.87	-366.54
ROLLRH_SIN		0.00	-7797.50	-1314.56	-74.81	187.28	480.14	-249.22	-70.70	130.09	39.31	-73.23	-31.72	83.07	57.99	76.49	17.68
TORQ_COS		23207.42	206.63	-17.95	-25.27	-104.15	-30.61	-4.09	21.90	-10.61	-1.64	-16.61	-0.59	5.58	-6.44	13.54	1.01
TORQ_SIN		0.00	761.02	2.04	5.81	-38.17	44.20	1.58	29.96	-15.87	-1.21	24.93	6.41	-9.94	6.10	-22.02	2.30
THRUST_COS		3067.41	17.67	9.61	2.95	25.52	15.36	11.64	20.78	-3.23	-6.25	-40.75	2.01	-3.73	0.88	-9.17	16.27
THRUST_SIN		0.00	-107.46	-10.14	17.45	22.71	-62.11	3.37	10.14	-0.11	2.38	52.56	-0.89	-5.87	-2.10	-10.14	12.67

RUN	POINT	Harmonics															
61	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-92.71	48.87	-21.08	-1.74	12.57	70.90	15.30	0.22	0.13	-1.64	-11.28	2.92	-1.70	1.38	1.33	9.98
SIDERH_SIN		0.00	163.67	35.15	5.45	-56.67	-73.67	15.10	-2.62	-3.79	-0.89	3.28	1.16	-2.85	-1.76	-2.47	-0.40
DRAGRH_COS		-136.44	227.72	36.08	0.93	-9.52	-65.28	-10.44	-11.28	-6.73	-5.28	0.18	0.66	-2.49	3.01	1.04	4.83
DRAGRH_SIN		0.00	-70.91	10.07	0.64	5.62	98.39	-28.81	1.03	2.68	1.90	3.99	-5.24	0.78	0.98	-0.88	-0.75

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.27	-0.18	0.62	-3.06	-2.86	-1.10	-0.37	0.39	0.16	-0.11	0.02	0.02	0.12	0.22	0.12	0.12
ACT1FORCE_SIN		0.00	11.61	1.51	1.81	0.69	-0.97	-0.58	-0.33	-0.05	-0.03	-0.13	-0.13	-0.02	-0.20	-0.01	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		295.97	-6.70	-11.77	26.52	27.50	12.89	0.01	-0.04	-0.03	-0.02	0.00	0.01	0.01	0.00	0.00	-0.02
FA1IBVOLTAGE_SIN		0.00	-91.61	-12.35	-16.13	-5.09	5.88	-0.01	0.01	0.02	-0.02	-0.02	0.00	0.00	0.04	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		509.83	6.84	11.84	-26.48	-27.54	-12.99	-0.05	0.03	0.02	0.02	0.01	-0.01	-0.01	0.00	0.00	0.02
FA1OBVOLTAGE_SIN		0.00	91.78	12.37	16.28	5.25	-5.80	0.00	-0.02	-0.03	0.01	0.01	0.00	-0.01	-0.04	-0.01	0.00
MRBLD1CB42P75_COS		-4859.48	-693.85	-128.40	368.26	-36.96	-52.37	-27.33	-149.03	26.89	22.18	30.26	11.12	7.49	4.90	-22.57	-3.97
MRBLD1CB42P75_SIN		0.00	-483.46	-47.68	40.21	182.11	13.54	24.35	-4.22	-35.73	-6.23	-68.32	35.43	7.37	4.10	26.11	-22.78

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2772.18	-467.20	138.93	262.25	-15.89	-89.36	-27.00	-95.99	20.10	21.95	-7.53	6.16	3.83	4.59	-18.86	-8.09
MRBLD1CB70_SIN		0.00	-290.10	-65.06	89.93	271.82	23.93	61.79	22.44	-24.41	1.63	-38.86	16.07	4.00	3.63	18.44	-22.10
MRBLD1CB120_COS		-474.34	-259.94	278.50	227.08	17.84	-79.19	-19.12	-26.10	-27.26	-2.91	6.67	1.96	1.76	4.64	-4.18	-0.52
MRBLD1CB120_SIN		0.00	-28.12	-140.06	25.90	244.36	22.64	77.01	33.79	-3.06	-11.37	32.95	-13.96	2.07	2.83	-1.25	-6.67
MRBLD1CB164_COS		-1949.29	-99.63	83.83	78.11	-20.39	-38.60	-0.73	32.28	-30.46	-8.70	22.00	4.08	3.67	0.52	14.64	2.59
MRBLD1CB164_SIN		0.00	35.64	-51.41	25.33	103.30	4.69	22.55	14.31	2.09	-19.39	27.64	-5.50	4.11	-0.52	-6.27	18.49
MRBLD1FB42P75_COS		2908.39	84.62	-396.89	693.15	37.59	-22.35	-63.11	-297.79	-91.69	-46.87	60.32	54.52	34.81	27.24	15.31	-58.33
MRBLD1FB42P75_SIN		0.00	113.06	2.59	-42.49	172.39	91.08	74.31	115.93	-38.61	-77.47	-139.25	12.01	-7.45	-5.84	80.54	-22.54
MRBLD1FB70_COS		348.00	16.52	-183.96	209.28	-6.16	-3.83	-2.07	-39.45	-0.41	2.60	0.21	-1.52	-2.49	-4.50	-1.59	13.76
MRBLD1FB70_SIN		0.00	-189.46	30.91	-17.45	43.28	7.23	12.86	23.67	-1.36	2.24	2.34	1.24	2.76	1.24	-17.25	4.15
MRBLD1FB87_COS		-118.05	36.37	-143.20	82.64	-31.99	-20.17	-5.33	28.09	14.05	11.06	-7.00	-9.55	-5.15	-4.43	-4.70	8.26
MRBLD1FB87_SIN		0.00	-183.84	55.64	28.91	25.25	-1.26	-7.96	-12.48	1.65	9.63	29.43	-3.31	3.15	3.93	-13.68	5.73
MRBLD1FB120_COS		-484.90	53.14	-206.19	49.01	-23.68	-10.84	2.51	57.96	2.55	-6.48	-4.66	0.85	3.29	5.49	3.62	-14.47
MRBLD1FB120_SIN		0.00	-224.31	104.32	102.01	29.31	-1.24	-24.12	-35.06	6.81	1.04	-10.24	1.09	-6.00	-7.66	19.24	-9.06
MRBLD1FB164_COS		-315.03	95.29	-288.83	89.90	88.08	50.94	6.56	-93.31	-5.97	9.22	4.16	-1.09	-2.40	-1.55	-0.87	6.36
MRBLD1FB164_SIN		0.00	-284.00	131.96	126.78	-26.44	-13.13	23.46	40.78	-9.87	-4.71	16.67	-4.56	2.38	4.26	-8.60	6.94

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-305.05	38.37	-163.31	37.97	66.75	41.78	-11.18	-90.04	11.45	19.28	-18.50	-11.66	6.19	10.29	3.00	-17.43
MRBLD1FB180_SIN		0.00	-199.78	79.76	65.21	-26.84	-12.28	30.44	47.97	-15.81	-9.24	52.01	-4.31	-0.51	-7.94	23.93	-11.50
MRBLD1TOR51_COS		-1459.16	62.53	-35.92	94.25	6.20	-22.05	0.60	-39.52	7.90	6.46	-10.29	-3.93	1.24	4.49	-2.42	-0.19
MRBLD1TOR51_SIN		0.00	-82.22	6.19	16.13	14.65	8.19	4.70	29.38	0.55	-1.61	3.83	-4.16	-1.86	-1.23	6.91	-5.92
MRBLD1TOR71_COS		-256.74	73.36	-37.54	61.05	11.09	-11.74	6.96	-21.62	7.87	4.28	-12.06	-4.18	0.40	3.58	-2.05	-0.40
MRBLD1TOR71_SIN		0.00	-74.00	1.69	2.36	-1.17	5.88	4.91	30.44	6.15	2.08	7.43	-3.10	-2.12	-1.49	2.50	-3.30
MRBLD1TOR130_COS		-14.57	67.13	-15.75	26.90	17.77	-6.19	5.80	-22.54	4.91	4.52	7.15	0.84	1.19	-1.01	-2.84	-1.35
MRBLD1TOR130_SIN		0.00	-62.22	-1.45	-3.74	-6.04	7.67	7.56	22.53	2.94	-0.85	2.52	8.65	3.17	1.81	-3.41	2.98
MRBLD1TOR164_COS		-196.89	28.97	43.00	-6.33	0.35	-8.77	-0.06	-3.89	3.69	2.61	0.51	2.40	2.90	0.93	-4.81	-2.24
MRBLD1TOR164_SIN		0.00	-29.23	-12.07	-23.56	-4.07	4.28	6.67	14.55	2.90	-1.63	2.97	4.99	3.29	2.09	-1.44	-1.26
MRFBM2CB26P5_COS		-2174.24	94.05	60.00	-80.32	-8.47	9.13	6.54	3.40	1.40	-3.74	11.71	-0.16	-1.48	-1.20	2.56	-1.13
MRFBM2CB26P5_SIN		0.00	-269.75	-38.69	-29.62	0.78	6.07	-0.88	-15.91	7.48	-1.42	-7.85	2.33	0.02	-2.04	0.71	-1.27
MRFBM2FB9_COS		-161.42	-108.98	177.88	-154.72	8.47	11.76	7.32	15.67	-0.13	-1.86	-4.71	-0.18	-0.42	-0.24	2.11	-0.95
MRFBM2FB9_SIN		0.00	54.44	19.71	-62.45	-26.98	-3.57	1.82	5.76	4.07	1.69	0.64	-1.73	-1.31	-0.84	-0.64	1.97
MRFBM2TOR26P5_COS		-470.19	94.11	0.63	0.09	-0.09	-0.13	-0.14	-0.20	0.00	0.13	-0.16	0.26	0.01	-0.01	0.26	0.05
MRFBM2TOR26P5_SIN		0.00	41.43	0.04	-1.02	0.40	-0.24	-0.05	-0.23	-0.21	-0.01	0.20	-0.12	0.01	0.03	-0.16	0.02

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-779.90	-652.02	-194.76	352.13	-27.21	-23.57	-24.24	-132.70	9.17	11.01	41.25	10.41	9.00	6.33	-21.79	-4.18
MRPC1CB33P25_SIN		0.00	-436.88	-28.69	-15.22	103.56	9.37	9.92	-9.65	-32.68	-18.38	-53.28	27.02	6.11	4.58	24.84	-23.67
MRPC1FB33P25_COS		2164.75	17.32	-331.03	569.67	-15.54	-47.74	-75.81	-273.56	-47.21	8.47	121.85	29.76	28.29	20.59	-64.42	-13.55
MRPC1FB33P25_SIN		0.00	259.80	-65.10	92.96	161.13	67.89	34.68	-31.61	-72.94	-80.11	-65.86	44.15	19.68	19.51	60.18	-65.77
MRPC1TOR25P5_COS		-820.23	-74.42	23.69	-75.92	-8.67	14.72	-6.04	28.93	-8.25	-3.07	19.36	5.64	-0.27	-4.55	-12.45	-5.57
MRPC1TOR25P5_SIN		0.00	185.84	-39.63	7.36	2.58	-1.27	-2.19	-33.75	-6.36	-2.21	-9.01	14.28	3.00	3.83	-6.14	-1.15
MRPLK1LOAD_COS		-95.68	1.02	1.52	-10.34	-1.49	2.28	-0.73	5.37	-1.03	-0.62	2.93	0.27	-0.25	-0.90	-2.36	-1.07
MRPLK1LOAD_SIN		0.00	-5.98	-3.33	-0.52	-1.18	-0.14	-0.67	-4.44	-0.51	-0.47	-0.86	2.54	0.26	0.41	-2.23	0.05
PITCHRH_COS		11468.31	-8093.09	-932.66	-27.33	12.62	77.49	-83.21	-103.70	18.10	19.77	54.79	-88.79	-11.73	-25.35	5.86	-222.49
PITCHRH_SIN		0.00	2181.66	-528.54	84.99	-18.87	774.04	70.22	84.40	-70.39	-78.18	-246.36	55.38	-10.30	29.70	-8.31	140.66
ROLLRH_COS		-220.83	-2000.53	709.72	-6.17	-399.13	-1095.33	-256.07	-124.83	107.18	102.09	320.37	-69.46	7.17	-40.42	-72.45	-558.70
ROLLRH_SIN		0.00	-7717.22	-1055.63	-44.27	30.38	720.73	-164.47	-32.07	57.32	19.60	-50.02	-48.47	0.47	29.94	8.47	-214.54
TORQ_COS		26023.61	331.16	7.09	-9.68	-18.39	5.23	-0.69	25.35	-21.22	-3.10	-20.75	-0.22	2.02	-1.89	7.41	2.71
TORQ_SIN		0.00	702.15	-19.60	11.91	-70.56	27.97	4.69	36.24	-8.52	-5.34	17.32	3.98	-7.21	8.49	-17.28	-5.51
THRUST_COS		4692.66	-65.24	3.32	7.23	8.88	25.13	6.41	25.17	-2.23	-6.91	-39.90	1.38	0.27	0.32	3.28	19.52
THRUST_SIN		0.00	-92.75	3.65	4.49	27.18	-36.14	0.23	13.79	-1.10	3.75	49.40	-2.34	0.50	-1.18	-12.13	32.11

RUN	POINT	Harmonics															
61	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-135.99	55.58	-19.77	0.59	50.26	32.24	13.70	1.76	-2.15	-5.14	-12.25	3.42	-0.09	1.05	1.88	15.16
SIDERH_SIN		0.00	170.45	25.55	5.41	-47.07	-92.94	9.86	-0.60	-1.48	-0.05	1.80	1.99	-0.01	-0.85	-0.49	6.18
DRAGRH_COS		-143.10	211.18	23.34	-2.37	-3.68	52.43	-9.26	-3.83	-0.99	-3.27	-1.24	2.35	0.07	2.00	-0.67	9.37
DRAGRH_SIN		0.00	-64.54	13.04	1.42	2.74	76.51	-22.16	2.93	6.23	3.37	10.08	-5.72	-0.31	-0.09	-0.68	-4.00

RUN	POINT	Harmonics															
61	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.78	-0.14	0.00	-0.12	-0.06	-0.03	-0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.42	0.05	0.03	-0.02	-0.03	-0.02	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
ACT1DISP_COS		2.57	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.42	-4.50	-0.37	-3.46	-1.86	-0.68	-0.13	0.37	0.05	-0.08	0.22	0.29	0.23	0.23	0.11	0.01
ACT1FORCE_SIN		0.00	14.03	0.84	1.08	-0.04	-0.80	-0.78	-0.25	-0.23	-0.06	-0.25	-0.12	0.02	0.05	0.01	0.19
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.54	-0.14	-0.02	-0.02	0.04	0.04	0.05	0.01	0.02	0.01	0.02	0.01	-0.01	-0.03	-0.02	-0.02
FA1IBVOLTAGE_SIN		0.00	-0.05	0.01	-0.12	-0.09	-0.03	0.00	0.03	0.01	0.00	0.01	0.02	0.02	0.04	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.12	0.03	0.02	-0.02	-0.06	-0.05	-0.01	-0.02	-0.01	-0.02	-0.01	0.01	0.03	0.02	0.03
FA1OBVOLTAGE_SIN		0.00	0.04	0.01	0.11	0.06	0.04	0.01	-0.02	-0.02	0.00	-0.02	-0.02	-0.03	-0.03	-0.01	0.01
MRBLD1CB42P75_COS		-4804.05	-1138.92	-96.80	355.38	-13.45	-58.81	-35.85	-139.23	22.24	35.41	54.05	18.60	1.20	7.00	-7.78	-4.71
MRBLD1CB42P75_SIN		0.00	-651.53	-51.79	47.22	123.69	29.71	35.79	-24.81	-39.78	-17.80	-83.49	42.37	10.97	1.66	30.80	-23.07

RUN	POINT	Harmonics															
61	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2800.78	-743.07	154.55	249.79	21.51	-80.70	-34.22	-90.55	15.30	36.16	13.94	14.80	1.69	8.40	-2.46	-8.76
MRBLD1CB70_SIN		0.00	-405.14	-61.51	84.08	197.07	48.22	43.22	2.62	-27.77	-8.73	-47.15	19.43	5.42	-0.74	21.80	-21.48
MRBLD1CB120_COS		-492.19	-363.19	283.38	214.70	28.27	-55.81	-17.14	-11.26	-27.79	-12.32	-6.75	-1.47	5.14	4.98	-3.17	0.10
MRBLD1CB120_SIN		0.00	-83.67	-129.86	20.16	160.96	51.16	30.30	21.18	-0.23	-5.43	40.04	-16.18	0.51	3.32	1.42	-4.81
MRBLD1CB164_COS		-1949.98	-126.36	80.03	68.86	-19.77	-24.57	6.96	37.73	-26.93	-21.34	5.85	-1.00	3.52	-3.06	3.76	2.59
MRBLD1CB164_SIN		0.00	26.75	-45.49	23.49	63.03	13.67	-2.96	16.61	3.66	-12.88	29.76	-8.59	4.02	0.85	-11.62	15.89
MRBLD1FB42P75_COS		2850.63	218.15	-372.42	677.73	-119.94	-9.56	-65.39	-265.94	-90.10	-52.40	54.84	61.29	33.06	32.02	45.07	-52.48
MRBLD1FB42P75_SIN		0.00	121.34	-1.35	-8.22	49.87	119.33	75.00	48.77	-46.71	-72.95	-159.73	14.52	-3.68	-11.14	60.15	-20.93
MRBLD1FB70_COS		337.95	20.01	-173.76	199.74	-48.49	-0.27	-2.00	-36.78	-1.91	2.31	0.81	-1.37	-2.09	-5.37	-8.56	11.28
MRBLD1FB70_SIN		0.00	-193.86	28.88	-4.78	2.97	17.01	14.61	13.78	-1.70	1.68	2.04	1.85	3.60	3.12	-12.97	4.13
MRBLD1FB87_COS		-117.55	41.16	-138.05	75.70	-49.68	-18.35	-3.35	23.78	13.48	11.40	-6.69	-11.66	-4.71	-5.27	-10.87	6.99
MRBLD1FB87_SIN		0.00	-181.99	54.36	35.71	7.65	-0.18	-7.51	-5.46	2.88	9.61	34.44	-4.46	1.92	5.23	-9.10	5.44
MRBLD1FB120_COS		-463.58	57.39	-206.60	42.51	-23.67	-11.20	6.99	54.56	5.12	-5.43	-4.03	1.80	2.24	6.56	13.49	-11.38
MRBLD1FB120_SIN		0.00	-210.52	100.34	105.35	32.11	-10.43	-28.32	-21.27	5.38	0.22	-12.59	0.39	-6.09	-10.23	11.70	-8.86
MRBLD1FB164_COS		-382.79	131.21	-278.58	111.05	147.55	60.46	-0.51	-81.79	-7.49	6.99	2.78	-3.75	-2.03	-1.80	-4.66	6.22
MRBLD1FB164_SIN		0.00	-343.72	117.54	106.40	31.33	-16.12	29.60	22.01	-6.25	-1.52	19.54	-4.45	0.80	4.83	-4.66	7.31

RUN	POINT	Harmonics															
61	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-379.84	64.66	-152.98	52.63	104.68	55.49	-11.25	-84.12	7.90	18.87	-19.38	-18.96	4.17	11.80	15.16	-13.60
MRBLD1FB180_SIN		0.00	-264.61	71.76	52.46	7.76	-10.70	40.26	33.72	-9.63	-7.27	58.87	-11.10	-6.99	-14.22	13.12	-12.03
MRBLD1TOR51_COS		-1567.07	80.74	-5.02	117.30	8.23	-33.52	-2.80	-35.66	3.73	4.11	-9.11	-1.61	3.49	7.40	2.51	-1.04
MRBLD1TOR51_SIN		0.00	-188.26	1.91	22.59	27.08	16.77	11.79	20.44	-0.60	-3.56	1.95	-7.69	-2.79	-0.86	9.06	-3.74
MRBLD1TOR71_COS		-357.47	94.30	-9.34	82.56	16.17	-22.61	2.90	-20.61	4.06	1.96	-12.06	-2.88	2.49	5.55	0.82	-0.18
MRBLD1TOR71_SIN		0.00	-172.43	-2.24	7.11	16.72	12.33	11.55	24.34	5.06	0.72	6.96	-6.18	-3.13	-1.08	3.81	-1.69
MRBLD1TOR130_COS		-116.91	86.00	11.74	50.13	29.07	-14.72	0.64	-20.45	2.77	2.71	7.91	0.09	0.17	-1.89	-4.43	-0.25
MRBLD1TOR130_SIN		0.00	-164.32	-6.42	-1.87	17.32	13.63	12.71	16.73	2.10	-0.97	1.85	9.99	3.08	1.36	-4.66	1.51
MRBLD1TOR164_COS		-266.42	37.71	60.53	6.93	3.28	-13.14	-2.81	-5.86	3.19	3.37	0.18	0.83	1.48	0.41	-3.68	-0.19
MRBLD1TOR164_SIN		0.00	-100.55	-14.36	-21.85	-1.51	11.77	9.73	12.50	2.16	-1.35	4.19	5.88	2.54	0.79	-2.12	-2.07
MRFBM2CB26P5_COS		-2152.34	156.15	52.89	-72.34	-3.24	12.14	-1.10	3.94	1.28	-3.54	9.56	-1.26	-1.49	-1.15	1.62	0.36
MRFBM2CB26P5_SIN		0.00	-448.18	-29.54	-36.54	6.86	6.56	-0.16	-7.94	5.74	0.37	-9.33	3.32	-0.44	-1.46	3.54	-1.45
MRFBM2FB9_COS		-211.02	97.04	158.79	-149.32	18.93	12.41	5.02	12.23	-0.59	-2.05	-5.79	-0.30	-0.26	-0.48	1.42	-1.20
MRFBM2FB9_SIN		0.00	66.58	21.52	-68.53	-5.73	-6.99	0.70	7.84	4.36	1.93	1.11	-2.00	-1.33	-0.94	-1.52	1.44
MRFBM2TOR26P5_COS		-470.57	94.45	0.52	0.06	0.19	-0.17	-0.11	-0.08	0.02	0.10	-0.17	0.27	0.01	-0.02	0.26	0.03
MRFBM2TOR26P5_SIN		0.00	43.10	0.00	-1.29	0.40	-0.34	0.14	-0.18	-0.19	-0.08	0.22	-0.15	0.03	-0.03	-0.09	0.02

RUN	POINT	Harmonics															
61	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-750.59	-1050.97	-159.67	341.60	-26.37	-32.18	-26.74	-117.24	6.09	15.29	51.94	14.87	5.02	8.17	-6.59	-4.21
MRPC1CB33P25_SIN		0.00	-559.97	-35.89	-2.29	64.36	19.18	22.77	-24.91	-35.52	-24.44	-65.05	31.80	9.15	3.38	30.15	-22.52
MRPC1FB33P25_COS		2114.96	136.70	-313.44	550.79	-113.84	-44.31	-78.64	-220.98	-43.12	2.64	130.98	33.36	23.94	26.90	-29.99	-10.16
MRPC1FB33P25_SIN		0.00	282.64	-63.31	118.54	22.40	95.27	33.18	-72.32	-77.68	-80.25	-83.01	51.85	20.82	19.38	73.37	-60.42
MRPC1TOR25P5_COS		-710.74	-76.31	-11.82	-101.89	-12.11	29.25	-4.11	26.40	-3.32	-0.43	21.05	4.11	-3.71	-7.48	-14.58	-1.64
MRPC1TOR25P5_SIN		0.00	298.97	-29.34	0.07	-21.77	-7.63	-9.86	-26.53	-5.89	-0.81	-9.19	20.56	4.09	2.22	-7.64	-4.03
MRPLK1LOAD_COS		-81.32	-2.16	-2.59	-13.74	-1.41	3.88	-0.32	4.94	-0.38	-0.39	2.97	-0.04	-0.62	-1.36	-2.73	-0.15
MRPLK1LOAD_SIN		0.00	8.02	-2.53	-1.56	-3.67	-1.28	-1.76	-3.21	-0.36	-0.18	-0.68	3.44	0.37	0.19	-2.57	-0.32
PITCHRH_COS		8815.32	-7973.20	-951.98	3.29	35.56	-591.35	-65.37	-43.62	30.32	46.82	54.38	-86.66	34.82	-26.24	-9.53	-147.91
PITCHRH_SIN		0.00	2019.54	-804.47	38.60	65.50	658.94	209.79	130.56	-4.21	-50.76	-215.22	-33.67	17.96	63.76	-13.18	135.23
ROLLRH_COS		-651.94	-1792.30	991.78	14.61	-402.07	-520.16	-187.43	-13.56	36.95	60.24	321.60	-10.12	-10.18	56.98	-105.05	-529.21
ROLLRH_SIN		0.00	-7616.40	-1165.42	-15.46	115.54	-40.42	-312.58	42.71	32.98	39.10	-111.70	-48.56	67.53	7.85	30.24	-175.25
TORQ_COS		26347.58	227.75	-4.76	-14.73	-99.16	34.64	-1.82	27.69	-16.81	-0.84	-15.26	0.53	3.69	-1.73	8.90	-5.05
TORQ_SIN		0.00	699.22	-14.15	21.36	-99.01	55.65	-8.52	21.20	-8.38	-3.44	20.16	3.53	-8.47	7.89	-20.26	-6.69
THRUST_COS		4598.29	-3.76	9.04	3.73	22.14	23.64	7.81	16.13	-3.44	-6.33	-36.49	3.98	0.38	0.47	-2.52	16.09
THRUST_SIN		0.00	-114.86	-4.37	15.16	35.40	-54.03	2.49	0.66	-0.61	3.35	52.52	-2.98	-2.36	-2.42	-15.70	33.02

RUN	POINT	Harmonics															
61	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-136.70	46.81	-21.47	-4.74	34.64	30.95	10.79	-1.21	-0.05	-3.19	-12.93	0.58	0.41	-1.83	2.90	14.06
SIDERH_SIN		0.00	172.26	26.70	2.56	-65.83	-22.70	17.69	-3.41	-0.78	-0.51	4.60	2.72	-2.52	-0.34	-0.87	4.97
DRAGRH_COS		-159.71	217.15	25.76	2.27	-10.88	-26.25	-1.58	-7.17	-1.94	-3.41	-0.08	5.40	-2.95	0.69	-0.35	6.06
DRAGRH_SIN		0.00	-63.36	13.19	-0.68	0.72	14.11	-37.50	6.34	4.43	1.40	10.36	-1.50	0.11	-2.56	-0.11	-3.94

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-44.13	-0.44	-0.72	-3.84	-2.46	-0.89	0.33	0.44	0.34	-0.07	0.01	0.25	0.11	0.06	0.10	-0.04
ACT1FORCE_SIN		0.00	11.94	1.56	1.07	0.19	-0.57	-0.39	-0.11	0.13	0.16	-0.10	0.10	0.08	-0.14	-0.06	0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		351.19	-7.50	3.18	33.18	22.29	11.89	-0.02	-0.05	-0.03	-0.02	-0.01	0.00	0.01	0.00	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-90.57	-12.68	-10.28	0.04	5.08	-0.02	-0.01	0.00	-0.03	-0.01	0.01	0.01	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		454.51	7.58	-3.15	-33.20	-22.35	-11.97	-0.01	0.04	0.03	0.01	0.01	0.00	0.00	0.00	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	90.73	12.72	10.36	0.02	-5.07	0.01	0.00	-0.02	0.02	0.00	-0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4592.78	-1824.32	98.55	222.66	-58.34	-98.83	-40.69	-150.03	31.46	36.97	16.17	6.45	-0.22	-5.53	-53.86	-2.91
MRBLD1CB42P75_SIN		0.00	12.00	-40.12	60.17	142.90	-13.60	31.23	32.19	-51.66	-0.25	-83.17	33.65	13.35	10.84	29.66	-10.23

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2912.45	-1124.42	358.50	138.35	-19.66	-97.97	-55.11	-99.27	23.23	40.36	3.76	4.47	2.87	2.00	-37.40	1.21
MRBLD1CB70_SIN		0.00	23.38	-76.11	97.13	297.35	17.00	64.74	55.51	-29.56	4.10	-63.89	14.69	5.73	3.80	23.59	-10.63
MRBLD1CB120_COS		-370.61	-434.49	477.38	144.30	-9.32	-38.00	-33.49	-25.78	-40.01	-11.67	12.07	4.70	4.25	8.91	-0.06	-0.59
MRBLD1CB120_SIN		0.00	115.25	-175.96	4.22	270.54	32.88	60.12	52.45	2.55	-16.18	41.92	-12.71	-0.72	1.20	-6.57	-9.89
MRBLD1CB164_COS		-1949.45	-131.75	156.76	30.19	-49.53	-4.04	7.04	40.05	-38.88	-24.23	6.84	4.81	4.48	1.53	24.75	-2.68
MRBLD1CB164_SIN		0.00	89.06	-61.14	12.78	113.19	26.00	8.12	3.11	-1.26	-31.64	43.06	-1.59	5.95	0.76	-9.81	12.01
MRBLD1FB42P75_COS		3087.43	293.73	-385.81	481.55	-213.40	-67.91	-72.15	-294.71	-129.75	-78.33	24.53	43.33	29.21	25.10	-25.19	-49.70
MRBLD1FB42P75_SIN		0.00	5.23	17.37	121.20	28.24	86.10	29.70	166.13	-67.25	-78.88	-101.06	2.78	-5.09	5.88	117.21	-13.41
MRBLD1FB70_COS		417.65	-8.75	-174.47	128.17	-74.73	-19.34	-5.06	-37.95	-2.08	3.68	0.95	-0.04	-1.60	-4.72	6.65	12.12
MRBLD1FB70_SIN		0.00	-201.78	26.45	33.30	0.75	8.71	7.70	34.72	-4.43	2.70	3.68	3.98	5.00	0.34	-24.59	2.37
MRBLD1FB87_COS		-99.77	20.09	-148.10	37.88	-57.74	-23.23	-6.12	27.39	18.56	14.54	-0.58	-7.98	-3.67	-3.71	2.41	4.96
MRBLD1FB87_SIN		0.00	-202.16	49.11	58.93	7.80	5.50	-2.72	-15.93	5.22	8.85	21.64	-1.63	1.87	0.98	-21.83	3.68
MRBLD1FB120_COS		-500.52	8.59	-235.01	3.99	-13.07	2.38	7.35	54.77	5.13	-8.06	-7.78	-0.01	2.15	5.35	-6.42	-8.59
MRBLD1FB120_SIN		0.00	-248.92	99.22	133.15	40.50	2.10	-20.30	-51.80	8.29	-1.02	-9.55	-1.87	-8.46	-4.26	32.23	-5.29
MRBLD1FB164_COS		-181.32	38.51	-333.94	64.13	174.66	69.28	9.39	-83.74	-9.94	8.97	6.01	-2.54	-1.68	-0.46	5.66	2.57
MRBLD1FB164_SIN		0.00	-305.50	105.97	158.22	47.65	-34.23	14.88	64.08	-13.26	2.96	17.99	-1.72	1.53	2.95	-14.73	2.97

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-189.26	-15.59	-192.26	24.88	134.58	50.23	-17.45	-80.89	16.86	17.06	-20.55	-14.59	10.97	14.62	-10.38	-11.09
MRBLD1FB180_SIN		0.00	-212.49	70.40	76.07	28.38	-18.43	23.08	70.57	-18.66	-7.62	43.41	1.71	-8.93	-13.09	34.94	-4.62
MRBLD1TOR51_COS		-1438.78	69.34	-9.93	77.79	-17.43	-24.77	4.25	-29.61	7.89	2.76	-9.04	-2.34	4.46	3.38	-8.93	-1.37
MRBLD1TOR51_SIN		0.00	-72.07	12.23	31.07	7.40	-2.51	12.27	53.23	-2.12	-7.69	-3.02	-4.18	0.89	0.97	4.74	-5.18
MRBLD1TOR71_COS		-249.79	89.64	-21.08	54.65	-4.45	-13.06	10.35	-11.57	8.48	1.38	-9.30	-2.55	3.49	4.41	-5.37	-1.04
MRBLD1TOR71_SIN		0.00	-75.17	7.31	12.35	-1.85	-3.23	13.66	50.31	6.24	-1.95	2.59	-2.68	-0.30	-0.08	1.45	-2.63
MRBLD1TOR130_COS		-5.45	76.27	-0.81	33.04	13.60	-8.93	9.28	-13.36	4.94	1.59	5.14	0.89	0.80	0.59	-0.86	-0.43
MRBLD1TOR130_SIN		0.00	-58.40	1.94	2.71	4.97	0.73	13.53	39.50	2.26	-2.11	2.81	9.04	2.96	0.74	-2.13	3.68
MRBLD1TOR164_COS		-222.13	42.42	50.72	7.23	-9.68	-19.07	-2.77	0.54	7.04	3.60	0.69	0.72	2.52	4.50	-3.84	-1.75
MRBLD1TOR164_SIN		0.00	-18.84	-8.76	-24.59	-7.90	4.88	11.65	21.71	3.13	-0.91	4.57	6.26	1.85	0.20	-1.46	-0.87
MRFBM2CB26P5_COS		-2014.10	-222.81	-10.23	-75.39	-28.30	5.28	7.83	5.88	1.14	-4.96	3.69	0.63	-1.38	0.69	-0.86	-2.03
MRFBM2CB26P5_SIN		0.00	-747.97	-8.98	-28.97	-2.16	-0.91	3.46	-12.47	7.96	0.54	-4.25	2.18	-1.08	-0.33	3.18	-1.92
MRFBM2FB9_COS		438.82	59.99	126.54	-89.92	28.86	14.32	6.29	18.03	-0.24	-1.40	-3.76	-0.16	-0.17	0.37	3.64	-0.69
MRFBM2FB9_SIN		0.00	-37.13	20.35	-84.96	-0.23	-1.14	3.67	4.39	6.01	2.61	1.76	-1.17	-1.12	-0.57	0.46	1.33
MRFBM2TOR26P5_COS		-402.16	138.83	0.93	-0.11	-0.09	-0.20	-0.11	-0.22	-0.15	0.12	-0.09	0.12	0.04	-0.02	0.16	0.11
MRFBM2TOR26P5_SIN		0.00	46.55	-0.02	-0.67	0.26	-0.41	0.13	-0.30	-0.29	-0.02	0.06	-0.14	0.06	-0.05	-0.13	0.04

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-553.11	-1631.40	13.01	233.09	-58.81	-65.96	-23.41	-129.41	5.41	15.65	19.71	10.37	3.93	0.74	-47.97	-4.37
MRPC1CB33P25_SIN		0.00	76.54	-21.21	3.30	48.86	-9.52	8.74	17.10	-54.11	-17.62	-54.47	25.38	10.07	11.52	25.44	-13.76
MRPC1FB33P25_COS		2269.75	219.84	-334.21	371.47	-186.83	-81.75	-68.45	-293.85	-64.38	-14.00	75.47	28.10	24.08	11.07	-119.58	-15.73
MRPC1FB33P25_SIN		0.00	169.07	-49.31	188.66	-14.38	52.61	-5.64	8.66	-112.00	-97.70	-60.50	29.13	16.56	24.45	48.09	-52.19
MRPC1TOR25P5_COS		-805.32	-30.17	-44.87	-65.68	5.27	14.37	-12.54	13.84	-10.31	-1.85	16.15	4.05	-4.96	-1.49	-10.03	-2.97
MRPC1TOR25P5_SIN		0.00	88.37	-56.60	-10.68	-2.96	9.11	-13.11	-60.93	-5.80	3.14	-1.35	11.93	-0.99	2.08	-3.66	0.77
MRPLK1LOAD_COS		-81.21	0.69	-1.17	-8.99	1.73	2.74	-1.32	3.68	-1.16	-0.30	2.48	0.08	-0.72	-0.12	-1.65	-0.51
MRPLK1LOAD_SIN		0.00	-14.31	-3.69	-2.50	-0.58	1.30	-1.70	-7.82	-0.40	0.38	0.24	2.10	-0.38	0.05	-1.50	0.55
PITCHRH_COS		8055.28	-7957.51	-714.37	-98.80	-36.64	-583.92	-46.04	-33.48	34.03	-18.61	-10.17	-123.56	23.61	-46.10	8.65	-422.64
PITCHRH_SIN		0.00	1792.96	-599.70	68.81	-44.30	250.09	107.96	81.79	-32.63	-94.70	-318.37	-19.27	6.76	71.73	8.57	216.15
ROLLRH_COS		1991.49	-1609.54	699.06	-58.05	-377.35	-626.20	-127.73	-59.95	80.89	46.14	341.22	-33.39	-26.03	34.84	-49.98	-546.42
ROLLRH_SIN		0.00	-7734.00	-859.87	-27.11	151.49	-97.42	-215.41	-16.36	45.96	0.65	-88.81	-108.63	-10.06	9.01	-14.10	-473.15
TORQ_COS		33540.34	283.16	2.56	7.86	-55.14	109.91	0.14	18.09	-17.83	-2.25	2.31	-0.41	2.57	0.40	0.07	21.31
TORQ_SIN		0.00	642.44	-25.28	5.55	-108.50	64.12	-1.10	31.77	-0.28	-3.85	-2.08	4.01	-8.15	6.88	-7.52	-21.07
THRUST_COS		6304.31	-60.15	2.66	6.56	12.07	35.06	4.89	15.36	-1.73	-1.84	-15.41	-0.23	0.61	1.48	11.56	15.44
THRUST_SIN		0.00	-98.42	10.11	3.55	37.33	-33.81	2.59	7.19	-1.43	2.80	30.29	-2.01	1.94	-1.85	-11.35	30.05

RUN	POINT	Harmonics															
61	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.52	51.60	-19.44	-4.73	41.14	37.01	9.82	-0.65	-1.56	-2.31	-13.86	1.94	0.97	-1.17	1.07	16.09
SIDERH_SIN		0.00	183.59	17.58	3.13	-71.20	-48.50	10.88	0.40	-0.73	0.52	3.66	5.16	0.43	0.13	0.31	13.48
DRAGRH_COS		-174.13	210.31	12.71	-0.04	-9.26	26.60	-13.73	0.19	-0.85	0.18	7.29	6.65	-1.87	1.52	-1.17	18.21
DRAGRH_SIN		0.00	-59.16	17.29	-0.37	3.59	38.43	-22.47	2.89	5.57	4.63	16.96	-5.01	-0.13	-3.53	-1.96	-10.16

RUN	POINT	Harmonics															
61	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.42	-0.13	-0.04	-0.11	-0.06	-0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.42	0.02	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.61	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-40.93	-3.72	-1.44	-3.44	-1.91	-0.25	0.24	0.80	0.21	0.04	0.18	0.27	0.08	0.04	0.10	-0.08
ACT1FORCE_SIN		0.00	14.74	0.29	1.02	-0.48	-0.76	-0.71	-0.16	0.01	0.08	-0.03	0.11	0.15	-0.04	-0.04	0.08
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.54	-0.14	-0.01	-0.01	0.06	0.04	0.03	-0.01	-0.01	-0.01	0.01	-0.02	-0.02	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-0.05	-0.01	-0.11	-0.08	-0.01	0.01	0.05	0.01	0.02	0.02	0.00	0.01	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.12	0.01	0.01	-0.06	-0.05	-0.04	0.01	-0.01	0.01	0.00	0.01	0.02	0.01	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.04	0.04	0.09	0.06	0.02	-0.01	-0.04	-0.02	-0.01	-0.01	-0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4539.45	-1695.78	59.28	213.63	-54.52	-110.74	-61.32	-126.49	48.81	40.06	45.82	11.74	2.48	0.42	-70.03	-1.90
MRBLD1CB42P75_SIN		0.00	-9.44	-40.98	71.02	168.58	-4.67	25.74	-36.71	-51.73	-6.37	-81.78	44.43	16.35	17.14	42.56	-21.40

RUN	POINT	Harmonics															
61	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2925.03	-1039.96	330.52	123.86	-25.39	-111.23	-68.30	-83.79	37.46	42.24	14.03	11.88	4.07	5.98	-49.12	-1.43
MRBLD1CB70_SIN		0.00	16.21	-70.63	105.37	332.18	34.90	63.10	3.21	-34.56	-2.75	-65.80	22.44	8.53	10.05	35.72	-20.75
MRBLD1CB120_COS		-413.03	-405.07	456.68	126.59	-14.45	-53.59	-39.09	-20.01	-37.22	-9.59	-1.25	1.31	2.61	6.05	-4.10	0.22
MRBLD1CB120_SIN		0.00	117.73	-160.14	24.37	304.58	58.71	65.13	25.36	-2.12	-10.70	46.24	-15.02	1.03	2.82	-8.95	-11.26
MRBLD1CB164_COS		-1956.76	-130.70	147.75	19.00	-48.97	-9.43	9.80	32.93	-41.73	-22.69	2.69	1.46	3.38	-0.20	31.68	-3.97
MRBLD1CB164_SIN		0.00	97.85	-57.30	18.68	123.29	33.03	15.39	14.29	-1.70	-21.76	52.15	-3.81	5.34	-4.79	-15.35	18.87
MRBLD1FB42P75_COS		3021.98	270.13	-405.28	468.04	-172.99	-75.70	-102.56	-308.84	-106.85	-49.35	80.29	56.61	42.04	38.70	-31.63	-66.01
MRBLD1FB42P75_SIN		0.00	13.51	16.15	174.56	38.56	103.69	32.53	14.13	-77.58	-75.56	-106.47	21.91	3.11	21.36	171.47	-28.77
MRBLD1FB70_COS		410.88	-7.60	-183.60	123.06	-61.85	-19.66	-11.24	-41.49	-0.39	3.37	0.18	-1.11	-3.68	-7.04	9.11	15.96
MRBLD1FB70_SIN		0.00	-197.35	26.90	47.68	3.59	13.61	10.44	9.53	-6.08	2.00	2.55	2.89	4.22	-2.56	-35.81	5.70
MRBLD1FB87_COS		-94.11	20.55	-156.14	31.06	-54.40	-22.20	-2.50	29.62	15.98	10.23	-12.32	-10.70	-6.20	-7.44	2.04	7.65
MRBLD1FB87_SIN		0.00	-196.93	49.18	63.49	5.21	3.35	-2.53	-1.91	6.83	9.43	24.16	-5.60	0.51	-1.77	-33.56	5.39
MRBLD1FB120_COS		-474.08	14.00	-243.96	-3.27	-15.51	5.28	17.13	61.04	2.63	-8.49	-3.86	3.11	6.45	11.33	-6.21	-12.25
MRBLD1FB120_SIN		0.00	-237.74	96.64	132.37	34.14	-7.59	-22.65	-14.77	9.76	-0.28	-8.98	0.97	-6.47	-0.12	50.23	-7.22
MRBLD1FB164_COS		-225.09	66.89	-334.72	75.60	167.01	74.02	0.07	-89.11	-7.63	7.36	-1.07	-3.98	-4.34	-3.50	5.71	4.42
MRBLD1FB164_SIN		0.00	-362.70	103.16	155.56	49.49	-25.93	18.72	10.20	-17.54	0.85	18.54	-4.69	0.91	0.69	-24.88	4.09

RUN	POINT	Harmonics															
61	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-236.77	14.80	-182.87	42.29	133.32	58.05	-23.29	-84.01	17.68	12.12	-37.40	-10.70	13.81	16.78	-14.66	-17.35
MRBLD1FB180_SIN		0.00	-273.46	68.64	72.04	26.20	-14.78	26.96	22.30	-20.68	-7.39	51.60	-4.25	-9.05	-6.71	61.01	-4.41
MRBLD1TOR51_COS		-1509.77	91.32	4.49	90.47	-13.81	-36.06	-2.26	-30.61	11.21	3.89	-11.11	-0.49	5.04	2.52	-15.23	-2.92
MRBLD1TOR51_SIN		0.00	-151.00	15.49	41.13	31.25	11.97	3.45	19.16	-6.88	-8.30	-3.24	-4.36	1.64	3.32	10.60	-7.18
MRBLD1TOR71_COS		-313.45	108.03	-5.61	68.28	-1.53	-22.53	5.27	-15.45	10.01	1.56	-13.00	-1.53	4.13	3.73	-9.83	-2.19
MRBLD1TOR71_SIN		0.00	-148.41	10.24	19.75	19.06	9.85	6.12	25.31	1.52	-3.25	1.80	-3.96	-0.24	1.18	4.03	-3.83
MRBLD1TOR130_COS		-68.83	96.13	17.10	48.74	16.09	-15.72	3.60	-15.98	6.46	1.87	6.00	-0.02	1.26	0.84	0.31	-0.20
MRBLD1TOR130_SIN		0.00	-136.01	4.32	6.73	22.21	12.33	8.62	16.80	-1.17	-2.25	5.07	9.67	3.18	-0.24	-6.02	4.20
MRBLD1TOR164_COS		-262.74	55.04	66.55	17.53	-5.38	-21.08	-4.55	-1.75	6.30	2.86	-0.82	0.37	2.95	4.08	-5.38	-1.09
MRBLD1TOR164_SIN		0.00	-72.74	-5.85	-23.01	2.56	11.12	10.63	14.72	1.33	-1.84	5.07	6.26	2.43	0.75	-2.88	-0.41
MRFBM2CB26P5_COS		-1978.16	-190.94	5.55	-70.48	-32.82	9.12	7.68	6.31	1.26	-4.49	9.74	-1.11	-1.67	0.30	0.47	-2.27
MRFBM2CB26P5_SIN		0.00	-630.05	-13.17	-33.16	-1.88	4.22	0.81	-9.69	7.62	0.04	-1.28	1.52	-1.43	-1.46	3.88	-1.79
MRFBM2FB9_COS		339.06	79.27	146.18	-81.48	25.51	16.51	8.10	12.52	-1.46	-1.92	-4.80	0.05	-0.01	0.74	5.15	-1.31
MRFBM2FB9_SIN		0.00	-7.65	22.18	-94.99	-4.12	-2.32	4.65	10.62	5.49	1.81	0.49	-1.92	-1.65	-1.08	0.49	1.76
MRFBM2TOR26P5_COS		-405.08	138.63	0.99	-0.05	0.00	-0.18	-0.17	-0.08	-0.14	0.07	-0.17	0.14	0.01	-0.03	0.20	0.11
MRFBM2TOR26P5_SIN		0.00	46.83	0.04	-0.74	0.41	-0.54	0.21	-0.25	-0.26	-0.02	0.01	-0.07	0.07	-0.03	-0.09	0.11

RUN	POINT	Harmonics															
61	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-525.54	-1518.06	-21.22	230.42	-50.31	-76.24	-41.60	-111.14	19.65	20.32	45.46	11.56	5.49	3.36	-65.04	-3.04
MRPC1CB33P25_SIN		0.00	49.86	-19.73	17.55	64.20	-6.05	4.91	-41.49	-51.65	-17.94	-50.49	34.78	14.29	17.97	37.70	-24.62
MRPC1FB33P25_COS		2214.80	194.76	-351.13	349.92	-155.92	-92.89	-92.38	-243.07	-41.68	6.83	118.66	25.13	27.15	6.39	-171.59	-10.69
MRPC1FB33P25_SIN		0.00	178.40	-55.56	231.17	2.86	62.83	-13.66	-115.49	-110.00	-80.40	-32.49	52.00	31.97	44.91	72.38	-75.77
MRPC1TOR25P5_COS		-732.84	-56.60	-58.60	-81.76	3.43	25.86	-7.00	17.89	-12.59	-1.15	21.78	1.46	-4.84	-0.27	-9.33	-0.14
MRPC1TOR25P5_SIN		0.00	174.23	-62.71	-19.49	-27.99	-6.78	-4.03	-30.16	-0.73	4.52	1.39	14.13	-0.88	0.67	-13.00	-1.25
MRPLK1LOAD_COS		-72.28	-2.06	-3.25	-10.91	1.39	4.29	-0.47	4.09	-1.58	-0.37	3.17	-0.39	-0.59	0.03	-1.41	-0.03
MRPLK1LOAD_SIN		0.00	-3.27	-4.30	-3.91	-3.99	-0.82	-0.46	-3.16	0.29	0.51	0.74	2.26	-0.37	-0.29	-3.54	0.42
PITCHRH_COS		8732.10	-7609.78	-832.25	-54.22	-25.80	-583.86	-137.52	-15.06	38.05	-21.67	63.84	-113.50	17.01	-104.44	13.88	-541.53
PITCHRH_SIN		0.00	1467.43	-715.89	111.08	-0.01	202.48	117.24	82.26	-25.75	-104.59	-193.03	-71.59	0.97	73.52	9.90	239.24
ROLLRH_COS		1395.29	-1272.57	770.33	-51.65	-466.83	-667.18	-124.46	-46.15	78.28	88.27	361.04	5.87	-18.04	42.15	-69.67	-675.88
ROLLRH_SIN		0.00	-7394.48	-1048.55	-49.01	218.88	116.57	-336.51	-13.12	52.39	11.55	-54.48	-107.87	37.64	88.69	4.56	-692.72
TORQ_COS		33839.04	198.11	-3.98	6.10	-63.06	115.40	4.02	20.41	-16.42	1.48	-16.39	1.92	4.46	0.95	0.06	14.54
TORQ_SIN		0.00	720.04	-13.06	17.54	-146.48	76.89	-0.03	39.72	-1.61	-3.04	-0.21	5.55	-6.89	7.98	-8.63	-22.82
THRUST_COS		6076.29	-8.93	7.68	3.90	15.54	42.77	7.44	18.03	-3.87	-4.77	-38.29	3.08	1.53	2.08	8.06	17.61
THRUST_SIN		0.00	-132.84	2.76	6.77	41.43	-40.40	3.48	9.03	-3.55	1.80	24.32	-1.37	-0.66	-2.88	-16.66	38.17

RUN	POINT	Harmonics															
61	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.59	37.05	-19.50	-2.20	44.24	28.60	7.09	-0.03	-1.56	-4.60	-14.29	-0.18	0.81	-1.25	1.53	19.52
SIDERH_SIN		0.00	178.59	19.36	1.96	-88.30	-65.90	18.17	-0.33	-0.99	0.39	2.98	5.31	-1.15	-2.45	-0.41	19.58
DRAGRH_COS		-175.26	207.91	14.83	2.00	-8.48	42.13	0.38	-2.80	-1.95	0.23	3.97	7.83	-1.67	4.31	-1.71	22.12
DRAGRH_SIN		0.00	-55.28	15.51	0.04	2.67	42.37	-28.01	3.07	4.84	4.50	9.73	-1.98	0.37	-4.02	-2.40	-10.39

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-47.39	-0.46	-0.93	-3.76	-2.56	-0.46	0.24	0.71	0.23	-0.04	-0.11	0.20	0.08	0.13	0.03	-0.04
ACT1FORCE_SIN		0.00	12.48	1.10	1.04	0.01	-0.28	-0.49	0.04	0.17	0.26	-0.04	0.04	0.00	-0.22	0.01	-0.04
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		367.51	-7.15	4.13	30.71	23.40	8.25	-0.03	-0.06	-0.03	-0.02	0.00	0.00	0.00	0.00	0.02	0.01
FA1IBVOLTAGE_SIN		0.00	-92.72	-9.38	-7.93	3.29	2.87	-0.01	-0.01	0.00	-0.04	-0.01	-0.01	0.00	0.01	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		438.17	7.26	-4.09	-30.73	-23.47	-8.31	0.01	0.05	0.03	0.03	-0.01	0.00	0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	92.88	9.43	8.03	-3.20	-2.85	0.00	0.00	-0.01	0.03	0.01	0.01	0.00	0.00	0.00	0.01
MRBLD1CB42P75_COS		-4468.48	-1583.37	172.81	184.74	-97.03	-136.24	-56.96	-143.47	57.36	49.62	19.29	-6.35	-10.41	-13.23	-52.31	-0.19
MRBLD1CB42P75_SIN		0.00	346.87	-28.29	74.53	149.76	-34.38	36.51	-27.83	-54.91	-5.46	-69.11	31.31	6.93	8.61	12.86	-1.94

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2971.00	-946.37	441.98	95.61	-72.21	-134.03	-83.78	-106.62	44.63	50.72	5.91	-2.97	-4.65	-5.10	-37.14	3.60
MRBLD1CB70_SIN		0.00	254.72	-75.54	113.86	344.40	-6.69	88.66	19.73	-33.91	-4.29	-61.82	15.50	3.23	6.87	10.89	-0.57
MRBLD1CB120_COS		-345.78	-335.46	555.56	102.54	-61.21	-57.97	-64.57	-56.28	-45.25	-17.31	8.99	8.35	7.10	9.78	2.71	0.02
MRBLD1CB120_SIN		0.00	232.08	-186.91	15.79	338.90	17.94	94.86	38.62	-5.40	-14.44	40.41	-8.73	3.53	2.49	-8.65	-10.52
MRBLD1CB164_COS		-1960.69	-106.40	190.82	7.81	-73.53	-0.91	1.36	26.56	-51.43	-33.87	1.47	7.97	10.04	7.39	21.06	-6.16
MRBLD1CB164_SIN		0.00	128.34	-63.58	13.73	145.95	23.16	21.46	10.12	-9.07	-29.80	46.38	2.52	8.82	-4.29	-4.49	5.57
MRBLD1FB42P75_COS		3160.74	182.98	-396.91	411.31	-232.57	-94.36	-91.30	-389.58	-134.02	-67.23	43.60	35.06	22.09	14.35	-54.46	-36.19
MRBLD1FB42P75_SIN		0.00	-40.49	18.06	208.20	76.15	95.87	24.05	56.45	-90.75	-74.02	-70.84	19.36	3.76	10.54	89.45	-12.56
MRBLD1FB70_COS		448.50	-20.30	-180.13	101.04	-82.72	-28.87	-9.80	-52.78	-1.48	3.66	-0.19	-0.54	-1.39	-3.25	12.24	9.52
MRBLD1FB70_SIN		0.00	-198.57	26.74	59.14	15.09	11.37	10.32	18.03	-6.80	2.61	3.94	2.94	3.34	-1.25	-19.12	2.01
MRBLD1FB87_COS		-88.49	10.53	-157.71	20.63	-61.73	-25.50	-4.05	38.07	20.08	14.03	-3.62	-5.33	-1.61	-1.60	7.91	1.85
MRBLD1FB87_SIN		0.00	-206.13	49.42	73.41	12.97	6.74	-1.81	-5.15	8.10	8.04	16.26	-4.04	0.17	-0.35	-16.16	3.51
MRBLD1FB120_COS		-498.18	-3.70	-248.06	-10.67	-7.28	10.10	12.43	76.03	3.04	-10.54	-8.07	-0.74	1.93	3.47	-13.98	-4.00
MRBLD1FB120_SIN		0.00	-261.34	97.97	144.84	37.07	-1.75	-25.87	-27.29	10.99	-1.42	-8.74	-0.69	-5.95	-1.25	25.08	-4.42
MRBLD1FB164_COS		-120.12	12.49	-360.64	49.18	183.67	80.03	5.15	-115.21	-10.44	9.85	4.18	-0.88	-1.76	0.22	9.77	0.63
MRBLD1FB164_SIN		0.00	-321.96	95.47	183.24	37.67	-40.41	18.90	25.55	-22.61	3.60	18.32	-1.13	1.88	3.91	-10.11	1.09

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-136.69	-36.46	-207.25	20.95	144.95	53.48	-26.09	-106.32	19.56	12.37	-29.47	-6.24	15.57	10.40	-24.09	-6.25
MRBLD1FB180_SIN		0.00	-223.55	63.84	86.25	23.10	-24.37	21.08	32.76	-28.81	-13.28	35.20	2.23	-7.36	-11.66	28.05	0.25
MRBLD1TOR51_COS		-1426.37	76.39	-5.21	69.70	-15.81	-26.75	6.87	-40.83	11.34	3.31	-9.26	-1.24	4.51	1.87	-9.83	-1.25
MRBLD1TOR51_SIN		0.00	-61.03	15.45	36.58	11.62	4.05	8.51	30.67	-4.90	-9.27	-4.29	-3.14	2.20	0.76	1.31	-2.78
MRBLD1TOR71_COS		-242.21	92.72	-19.69	50.94	-0.91	-13.12	13.90	-21.00	10.20	0.71	-9.72	-1.10	3.98	3.61	-5.81	-0.76
MRBLD1TOR71_SIN		0.00	-70.55	10.13	14.97	-0.03	4.13	10.59	35.89	4.84	-3.49	0.45	-2.30	0.71	-0.02	-0.05	-1.23
MRBLD1TOR130_COS		3.04	80.70	0.93	33.96	17.88	-8.42	12.10	-21.92	5.96	0.27	3.28	-0.14	0.54	0.70	-0.68	-0.67
MRBLD1TOR130_SIN		0.00	-51.87	4.32	3.81	4.24	6.60	12.58	26.38	0.96	-2.11	4.90	8.35	2.54	0.38	-1.33	2.68
MRBLD1TOR164_COS		-228.47	50.81	52.72	11.55	-9.74	-23.02	-0.88	-1.87	7.23	2.53	-0.37	-0.14	2.20	4.59	-2.96	-1.65
MRBLD1TOR164_SIN		0.00	-10.07	-6.13	-27.13	-7.08	7.89	12.00	19.65	2.48	-2.10	4.35	6.66	2.61	0.81	-2.83	-2.07
MRFBM2CB26P5_COS		-1913.53	-348.44	-32.54	-80.40	-43.24	0.75	13.26	14.47	-0.21	-3.75	4.68	0.33	-0.72	1.58	0.30	-2.99
MRFBM2CB26P5_SIN		0.00	-611.25	-3.25	-31.99	-9.67	0.18	5.41	-14.16	8.52	0.30	0.56	0.85	-1.03	-0.91	3.15	-2.37
MRFBM2FB9_COS		663.12	-140.89	124.48	-64.65	34.92	16.93	8.27	17.52	-1.04	-1.66	-3.18	0.61	0.32	0.71	3.06	-0.56
MRFBM2FB9_SIN		0.00	-15.58	20.59	-101.44	-5.17	0.36	4.78	11.78	6.50	2.33	0.74	-1.14	-0.84	-0.20	1.59	0.98
MRFBM2TOR26P5_COS		-376.75	151.55	0.95	-0.21	0.01	-0.06	-0.07	-0.22	-0.13	0.15	-0.11	0.07	0.03	-0.03	0.15	0.03
MRFBM2TOR26P5_SIN		0.00	53.00	0.12	-0.49	0.11	-0.36	0.17	-0.44	-0.33	0.02	-0.04	-0.07	0.05	-0.01	-0.12	0.07

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-452.47	-1412.73	73.60	204.96	-76.56	-92.05	-32.37	-127.89	22.30	23.40	21.96	-0.24	-3.88	-6.26	-46.13	-2.33
MRPC1CB33P25_SIN		0.00	361.67	-4.82	13.19	41.30	-23.21	5.14	-39.26	-57.81	-18.84	-38.84	25.15	7.02	9.40	9.37	-7.23
MRPC1FB33P25_COS		2314.56	123.44	-340.60	301.71	-213.39	-105.87	-81.20	-323.23	-56.29	-8.06	72.01	11.53	13.86	1.01	-112.02	-9.26
MRPC1FB33P25_SIN		0.00	116.43	-54.78	245.56	20.71	50.97	-15.73	-113.02	-132.88	-89.47	-28.18	34.80	17.01	20.05	6.69	-39.09
MRPC1TOR25P5_COS		-793.99	-28.73	-47.88	-54.05	2.42	17.14	-14.38	26.48	-11.13	-1.30	17.18	1.27	-5.98	-0.73	-7.31	-1.08
MRPC1TOR25P5_SIN		0.00	42.02	-75.18	-21.23	-9.96	-0.60	-12.03	-42.25	-4.95	4.32	3.15	9.48	-3.42	1.76	-3.90	-1.56
MRPLK1LOAD_COS		-76.59	2.61	-1.77	-8.59	1.08	2.67	-1.80	5.38	-1.57	-0.37	2.46	-0.34	-0.89	-0.07	-1.26	-0.34
MRPLK1LOAD_SIN		0.00	-16.78	-4.17	-3.32	-1.10	0.32	-1.25	-4.77	-0.05	0.54	0.93	1.60	-0.81	0.09	-1.14	0.07
PITCHRH_COS		11253.52	-7763.08	-630.77	-94.86	-41.69	-483.48	-107.60	-61.94	64.40	5.23	-2.13	-114.78	15.68	-26.69	-15.85	-442.43
PITCHRH_SIN		0.00	1608.13	-620.97	133.51	-99.29	62.29	31.66	25.00	-65.24	-124.76	-252.80	-27.22	-7.23	47.39	25.67	120.98
ROLLRH_COS		1965.01	-1397.40	635.24	-63.66	-405.51	-863.48	-114.82	-84.11	128.78	102.81	362.05	-41.00	-20.18	-9.69	-41.58	-343.70
ROLLRH_SIN		0.00	-7586.28	-787.55	0.80	70.79	126.60	-272.54	-85.10	64.44	2.50	-61.30	-113.85	0.43	-39.92	-18.76	-512.39
TORQ_COS		36985.67	272.36	4.49	15.33	-25.33	163.01	-2.14	-7.36	-22.13	-0.43	-3.09	0.09	2.09	-1.61	-1.53	26.85
TORQ_SIN		0.00	725.10	-25.03	12.58	-87.39	85.07	3.24	58.52	-0.79	-2.35	-9.49	6.21	-5.31	6.04	-7.00	-25.46
THRUST_COS		6897.45	-66.71	7.07	7.28	9.49	43.69	5.97	10.48	-1.74	-3.40	-22.99	0.20	0.45	1.02	11.48	7.86
THRUST_SIN		0.00	-101.71	7.80	5.13	33.77	-30.83	3.35	24.79	-1.56	3.94	15.15	-0.46	2.43	-0.87	-5.61	21.14

RUN	POINT	Harmonics															
61	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-197.83	51.56	-17.70	-3.99	52.90	40.58	7.62	1.46	-3.42	-4.81	-14.88	2.19	0.89	-0.02	0.88	10.85
SIDERH_SIN		0.00	182.18	14.99	5.27	-61.73	-85.58	15.19	1.84	-0.85	0.79	3.07	5.18	0.22	1.51	0.12	14.92
DRAGRH_COS		-148.04	203.84	12.64	-1.85	-8.51	58.35	-6.54	-1.32	-1.79	-2.43	9.23	5.93	-0.04	1.78	0.39	18.26
DRAGRH_SIN		0.00	-55.63	18.16	-2.55	3.26	84.85	-19.28	-1.60	5.81	6.29	15.03	-3.82	0.23	-1.46	-1.94	-6.26

RUN	POINT	Harmonics															
61	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.26	-0.10	-0.07	-0.10	-0.06	-0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.41	0.02	0.00	-0.05	-0.03	-0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.63	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-45.74	-2.54	-2.18	-3.31	-1.96	0.01	0.36	0.96	0.11	0.00	0.02	0.34	0.05	0.09	0.05	-0.09
ACT1FORCE_SIN		0.00	14.41	0.40	0.76	-0.71	-0.66	-0.71	0.06	0.15	0.25	0.00	0.11	0.05	-0.11	-0.08	0.02
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.53	-0.14	-0.01	0.00	0.06	0.05	0.03	-0.02	-0.01	-0.03	0.01	-0.02	-0.01	-0.01	0.02	0.00
FA1IBVOLTAGE_SIN		0.00	-0.04	-0.03	-0.11	-0.07	0.00	0.02	0.05	0.01	0.01	0.01	0.01	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.10	0.10	0.01	-0.01	-0.07	-0.04	-0.04	0.03	0.01	0.02	0.00	0.02	0.00	0.01	-0.02	0.00
FA1OBVOLTAGE_SIN		0.00	0.03	0.06	0.08	0.06	0.01	-0.01	-0.05	-0.02	-0.01	0.00	-0.01	0.00	-0.01	0.01	0.02
MRBLD1CB42P75_COS		-4476.85	-1811.14	163.48	184.82	-59.82	-138.02	-64.00	-147.38	49.75	52.11	-3.01	4.17	-5.67	-9.78	-50.71	8.49
MRBLD1CB42P75_SIN		0.00	246.95	-38.22	81.03	151.27	-18.81	35.24	-22.93	-54.98	-3.84	-107.60	38.78	14.02	14.10	13.76	3.70

RUN	POINT	Harmonics															
61	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2966.71	-1082.90	435.15	97.32	-18.90	-133.59	-73.89	-104.56	39.70	56.13	-8.54	4.13	0.89	1.35	-34.85	10.95
MRBLD1CB70_SIN		0.00	175.30	-79.32	114.23	347.64	20.88	74.43	18.82	-35.52	-1.91	-82.39	19.98	4.72	5.61	7.96	2.88
MRBLD1CB120_COS		-350.42	-375.76	555.20	108.93	-17.74	-53.69	-36.24	-40.67	-41.36	-16.98	23.58	4.89	6.28	9.07	2.17	-0.96
MRBLD1CB120_SIN		0.00	175.28	-185.40	15.60	322.40	53.50	79.15	40.11	-0.65	-13.75	60.62	-11.16	1.21	1.39	-10.24	-9.48
MRBLD1CB164_COS		-1957.67	-116.79	187.55	8.61	-55.02	3.83	16.91	35.08	-46.52	-35.05	12.46	4.61	6.03	2.69	20.00	-8.33
MRBLD1CB164_SIN		0.00	119.82	-64.07	13.26	131.70	35.84	14.00	9.47	-5.68	-32.92	62.23	0.79	9.17	-2.42	-1.38	1.85
MRBLD1FB42P75_COS		3153.49	246.93	-393.65	418.72	-255.35	-93.82	-95.58	-371.58	-132.25	-77.78	15.43	46.98	28.80	18.76	-58.36	-20.25
MRBLD1FB42P75_SIN		0.00	-35.88	15.29	231.56	-31.24	106.08	32.50	62.14	-88.88	-81.36	-106.45	10.27	3.70	14.98	85.13	-16.19
MRBLD1FB70_COS		446.36	-22.00	-180.19	100.95	-85.36	-27.60	-10.04	-50.71	-1.60	4.04	-0.60	-0.46	-2.35	-3.71	13.44	6.34
MRBLD1FB70_SIN		0.00	-200.11	24.30	66.59	-15.77	15.61	13.03	19.44	-6.10	2.85	4.57	3.97	3.78	-2.30	-18.92	2.36
MRBLD1FB87_COS		-88.18	9.18	-158.67	18.79	-63.25	-24.74	-2.91	35.79	19.75	15.47	3.76	-7.88	-2.67	-2.61	8.32	-1.34
MRBLD1FB87_SIN		0.00	-201.10	48.18	77.09	-1.35	6.47	-1.27	-5.50	7.73	9.59	24.29	-2.54	0.44	-0.56	-14.78	4.09
MRBLD1FB120_COS		-492.84	-7.56	-252.83	-13.56	-8.51	10.49	13.21	71.58	2.27	-11.86	-11.09	-0.94	2.62	4.36	-15.01	0.42
MRBLD1FB120_SIN		0.00	-242.16	97.72	147.48	37.93	-7.59	-28.03	-30.08	9.12	-3.24	-13.02	-3.29	-7.78	-1.93	22.61	-5.24
MRBLD1FB164_COS		-149.87	19.72	-349.46	63.58	190.78	78.84	9.39	-107.87	-8.77	11.27	8.39	-2.94	-2.31	-0.56	8.37	-3.22
MRBLD1FB164_SIN		0.00	-351.24	96.58	178.15	87.37	-33.56	26.10	33.80	-17.41	6.66	24.53	1.13	2.72	3.06	-9.37	0.78

RUN	POINT	Harmonics															
61	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-167.00	-25.75	-192.74	35.20	153.61	54.66	-19.87	-98.33	18.37	13.31	-14.91	-11.97	14.95	10.18	-25.22	-0.74
MRBLD1FB180_SIN		0.00	-262.60	65.40	80.87	54.70	-17.37	30.44	40.41	-26.01	-8.09	52.58	2.73	-10.34	-12.68	26.23	-1.11
MRBLD1TOR51_COS		-1472.69	91.14	20.82	86.01	-13.94	-39.63	1.85	-29.71	11.76	4.02	-9.49	-1.20	5.22	2.61	-10.81	-0.05
MRBLD1TOR51_SIN		0.00	-133.29	18.12	47.86	27.14	7.16	9.03	31.68	-4.62	-8.46	-0.90	-3.11	2.06	0.26	-0.34	-3.79
MRBLD1TOR71_COS		-285.70	109.11	5.35	65.93	-0.26	-24.79	9.10	-11.39	10.81	1.54	-9.15	-2.00	4.32	4.28	-6.50	-0.34
MRBLD1TOR71_SIN		0.00	-137.70	12.88	24.43	17.61	6.16	11.05	36.34	4.78	-2.56	6.04	-2.27	0.47	-0.66	-1.12	-1.83
MRBLD1TOR130_COS		-41.72	95.80	26.90	48.59	19.08	-18.07	7.59	-15.15	6.88	0.91	4.43	0.11	0.36	0.53	-0.13	-0.75
MRBLD1TOR130_SIN		0.00	-121.46	6.75	10.92	25.41	9.38	12.42	26.54	0.97	-2.32	4.31	9.74	3.40	0.93	-0.21	3.94
MRBLD1TOR164_COS		-259.37	61.03	70.83	20.34	-6.45	-27.63	-3.63	-0.26	7.40	2.81	0.96	0.03	3.06	4.54	-2.49	-1.98
MRBLD1TOR164_SIN		0.00	-60.34	-4.23	-22.90	-0.92	10.31	12.15	18.66	1.84	-2.68	5.79	6.10	2.47	0.37	-2.98	-0.48
MRFBM2CB26P5_COS		-1931.77	-332.39	-30.03	-77.19	-44.63	4.44	9.24	11.07	0.18	-5.15	5.25	-0.67	-1.03	0.95	0.11	-3.84
MRFBM2CB26P5_SIN		0.00	-669.01	1.31	-34.95	-2.54	1.69	2.45	-11.98	8.54	-0.01	-0.37	0.40	-0.75	-0.13	4.01	-2.23
MRFBM2FB9_COS		661.78	-25.50	123.98	-64.68	31.26	17.89	8.45	17.13	-1.09	-1.92	-3.71	0.02	0.15	0.74	2.98	-0.77
MRFBM2FB9_SIN		0.00	-22.78	22.70	-107.34	7.01	-0.89	3.48	11.16	6.44	2.54	2.67	-1.53	-1.13	-0.44	1.53	0.33
MRFBM2TOR26P5_COS		-376.05	151.66	0.92	-0.14	0.17	-0.05	-0.23	-0.22	-0.14	0.14	-0.14	0.08	0.01	-0.04	0.11	0.06
MRFBM2TOR26P5_SIN		0.00	53.48	0.19	-0.62	0.14	-0.44	0.28	-0.42	-0.30	0.05	-0.04	-0.08	0.04	0.00	-0.12	0.09

RUN	POINT	Harmonics															
61	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-468.13	-1603.36	65.02	204.70	-60.04	-93.82	-38.78	-128.26	17.23	23.66	7.34	8.44	-0.41	-4.25	-45.26	5.02
MRPC1CB33P25_SIN		0.00	286.57	-16.52	21.59	35.81	-13.44	8.95	-32.51	-57.40	-19.79	-65.76	29.20	12.17	14.69	9.46	-1.82
MRPC1FB33P25_COS		2308.80	179.33	-340.15	302.37	-206.72	-108.01	-86.68	-312.30	-56.07	-11.33	72.17	26.33	19.21	0.02	-110.69	3.36
MRPC1FB33P25_SIN		0.00	126.57	-55.14	265.91	-72.28	60.43	-11.97	-101.48	-131.18	-100.29	-71.25	35.78	21.54	25.47	0.38	-25.83
MRPC1TOR25P5_COS		-745.37	-42.71	-77.38	-72.71	2.18	31.11	-9.77	13.97	-11.60	-2.44	17.70	2.79	-6.00	-1.29	-5.39	-1.20
MRPC1TOR25P5_SIN		0.00	117.16	-75.04	-32.80	-30.25	-2.09	-12.81	-42.72	-5.60	2.78	-4.86	10.24	-1.88	2.86	-2.34	2.67
MRPLK1LOAD_COS		-70.34	0.11	-5.27	-10.92	1.10	4.60	-1.06	3.63	-1.55	-0.48	2.71	-0.26	-0.84	-0.08	-0.93	-0.51
MRPLK1LOAD_SIN		0.00	-7.37	-4.60	-4.79	-3.50	-0.08	-1.24	-4.88	-0.15	0.27	0.06	1.80	-0.54	0.26	-0.88	0.79
PITCHRH_COS		10224.01	-7610.04	-798.77	-101.88	-73.60	-808.41	-117.60	-3.11	63.68	-35.21	-13.52	-70.84	19.12	-31.67	16.25	-412.82
PITCHRH_SIN		0.00	1471.24	-704.64	157.30	-17.25	-216.31	116.06	51.60	-93.92	-144.98	-305.51	-65.89	22.70	26.41	38.34	140.15
ROLLRH_COS		1977.99	-1236.15	698.17	-82.77	-470.11	-337.54	-115.03	-44.52	132.52	88.33	369.97	2.80	-26.37	21.40	-16.11	-334.80
ROLLRH_SIN		0.00	-7446.93	-1018.71	-7.40	158.00	-60.18	-329.85	22.97	71.16	-25.93	-73.93	-103.49	61.50	22.28	3.59	-456.03
TORQ_COS		36652.86	197.35	-0.58	-1.92	-63.45	165.03	5.28	5.82	-18.42	1.41	0.74	1.41	4.78	-1.19	-2.41	28.57
TORQ_SIN		0.00	729.59	-19.01	12.22	-142.27	90.72	3.23	47.98	-3.13	-2.28	-2.84	6.33	-6.77	4.80	-7.91	-30.97
THRUST_COS		6953.03	-15.28	10.15	0.13	16.51	43.20	6.94	11.07	-2.73	-1.49	-18.29	-0.29	1.91	0.06	8.53	5.74
THRUST_SIN		0.00	-121.41	1.89	9.67	40.06	-36.28	2.09	16.85	-2.19	5.10	21.53	0.27	-0.87	-0.86	-5.25	18.68

RUN	POINT	Harmonics															
61	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-198.53	37.78	-16.94	-4.67	54.26	9.45	7.20	-0.08	-3.81	-4.19	-15.29	0.21	0.97	-0.88	0.00	10.50
SIDERH_SIN		0.00	181.38	17.32	3.32	-81.47	-53.78	17.63	-0.53	-0.89	2.22	3.14	4.79	-1.67	-0.29	-0.52	13.20
DRAGRH_COS		-155.51	207.66	13.74	0.55	-10.03	66.81	-3.42	-1.88	-0.46	-0.93	9.55	5.78	-2.63	2.07	-0.82	16.89
DRAGRH_SIN		0.00	-55.80	16.41	-2.34	0.19	31.12	-21.30	0.59	6.45	8.53	18.84	-1.86	0.02	-0.91	-2.60	-7.58

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-51.76	-0.27	-1.68	-3.91	-2.63	0.05	0.20	0.97	-0.11	-0.22	0.01	0.17	0.24	0.03	0.05	-0.05
ACT1FORCE_SIN		0.00	12.67	0.95	0.80	-0.06	0.08	-0.31	0.13	0.39	0.01	-0.01	-0.10	0.04	-0.13	0.00	0.01
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		395.91	-10.15	8.13	31.26	24.91	3.68	-0.03	-0.05	-0.04	-0.01	0.01	0.00	0.00	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-95.91	-7.43	-3.47	4.69	-1.03	0.00	-0.01	-0.04	-0.02	0.00	0.02	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		409.70	10.25	-8.11	-31.29	-24.99	-3.72	0.02	0.05	0.04	0.01	-0.01	0.00	0.01	0.00	-0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	96.08	7.48	3.55	-4.63	1.03	-0.01	0.00	0.02	0.02	0.00	-0.02	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS		-4197.33	-2008.89	277.19	119.47	-130.74	-172.88	-79.56	-139.30	79.77	59.66	6.26	8.82	-5.02	-10.89	-43.48	7.62
MRBLD1CB42P75_SIN		0.00	494.80	-28.20	75.52	129.53	-51.29	38.56	-65.71	-59.89	-10.00	-88.49	27.98	7.06	6.31	12.33	12.50

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3115.56	-1193.00	541.22	29.30	-107.41	-152.96	-119.87	-116.15	65.42	62.83	-4.35	5.10	-1.06	-0.39	-31.99	10.27
MRBLD1CB70_SIN		0.00	356.27	-84.57	116.68	371.30	-15.03	110.54	-0.75	-38.85	-12.49	-69.90	15.42	4.47	3.42	8.70	11.30
MRBLD1CB120_COS		-287.22	-387.20	644.95	43.70	-104.43	-45.00	-95.05	-85.24	-50.52	-28.69	13.32	2.04	7.24	11.22	4.18	-3.25
MRBLD1CB120_SIN		0.00	299.17	-207.23	12.40	387.45	27.06	120.75	27.48	-9.71	-17.57	50.97	-2.81	6.01	4.91	-10.91	-13.47
MRBLD1CB164_COS		-1969.25	-115.18	230.54	-23.31	-96.72	18.10	0.71	16.65	-63.30	-49.18	4.41	4.28	14.98	8.75	17.45	-10.57
MRBLD1CB164_SIN		0.00	160.93	-67.82	7.62	172.72	37.02	33.73	12.30	-14.97	-33.03	54.40	11.26	10.64	-7.04	-7.37	-0.25
MRBLD1FB42P75_COS		3220.56	252.93	-371.35	329.65	-302.74	-104.13	-123.92	-480.18	-136.42	-88.74	22.30	49.89	33.15	15.10	-58.65	-24.08
MRBLD1FB42P75_SIN		0.00	-42.90	42.67	324.60	53.17	90.30	-7.67	-27.73	-101.58	-72.59	-95.02	5.22	-1.87	7.30	65.35	-5.44
MRBLD1FB70_COS		486.64	-33.80	-168.57	67.70	-104.66	-35.44	-18.80	-67.30	0.32	3.21	-1.65	-1.27	-2.88	-3.71	12.34	7.74
MRBLD1FB70_SIN		0.00	-198.46	30.62	93.94	9.41	12.00	8.38	4.54	-9.10	3.49	5.84	3.94	4.15	-1.27	-14.59	0.34
MRBLD1FB87_COS		-75.40	1.71	-154.85	2.27	-69.39	-26.54	-2.30	46.51	20.13	17.26	1.48	-7.87	-2.44	-0.56	8.28	-1.43
MRBLD1FB87_SIN		0.00	-213.12	49.28	92.64	10.76	8.84	1.49	2.77	8.85	7.29	21.78	-1.11	0.62	0.29	-10.74	2.18
MRBLD1FB120_COS		-496.78	-19.99	-250.93	-24.94	1.74	17.15	22.91	96.73	1.55	-10.10	-9.45	0.50	3.65	2.97	-13.95	0.74
MRBLD1FB120_SIN		0.00	-276.18	96.48	161.97	40.37	-4.00	-24.31	-7.71	14.80	-3.15	-12.30	-3.84	-7.13	-1.36	18.07	-1.92
MRBLD1FB164_COS		-44.68	-11.39	-372.77	35.92	208.32	84.81	-6.54	-143.06	-9.55	8.45	5.26	-2.14	-2.27	0.93	10.02	-2.83
MRBLD1FB164_SIN		0.00	-340.40	84.75	216.20	55.71	-46.86	11.53	-5.14	-27.19	7.37	25.65	1.07	2.40	4.24	-7.88	-4.13

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-72.85	-57.60	-213.89	15.85	166.69	55.59	-41.60	-127.54	27.37	13.69	-22.04	-4.90	20.57	8.06	-29.29	-2.09
MRBLD1FB180_SIN		0.00	-235.37	58.79	101.28	35.40	-29.73	12.68	4.40	-35.56	-15.07	47.77	7.77	-10.76	-14.53	23.51	12.56
MRBLD1TOR51_COS		-1409.49	81.74	10.81	63.59	-23.92	-30.55	11.47	-55.31	12.53	2.24	-8.33	-0.45	5.49	1.24	-10.64	-3.11
MRBLD1TOR51_SIN		0.00	-48.49	21.25	50.35	6.86	0.53	1.96	19.93	-3.98	-9.68	-3.83	-2.73	2.49	0.43	-2.87	-2.68
MRBLD1TOR71_COS		-233.52	102.10	-8.94	49.71	-5.75	-15.94	19.65	-32.35	10.37	-0.13	-8.51	-1.96	4.31	3.29	-5.81	-2.11
MRBLD1TOR71_SIN		0.00	-64.25	14.94	24.26	-3.43	1.53	5.40	30.45	6.23	-3.33	2.41	-1.68	0.49	-0.30	-1.75	-0.77
MRBLD1TOR130_COS		12.86	87.49	9.94	38.33	16.07	-11.36	16.91	-31.86	5.62	-1.04	3.75	-0.33	1.32	1.57	0.11	0.43
MRBLD1TOR130_SIN		0.00	-44.29	6.55	8.76	2.99	4.11	8.38	19.41	0.43	-3.29	3.91	9.55	2.86	0.86	1.83	4.07
MRBLD1TOR164_COS		-237.01	58.79	54.95	19.30	-14.08	-28.29	1.01	-4.60	7.35	2.83	0.18	-1.04	2.70	5.52	-1.23	-1.05
MRBLD1TOR164_SIN		0.00	-0.27	-5.25	-29.10	-10.96	7.63	11.34	18.36	1.59	-2.74	5.72	7.25	3.17	1.49	-0.67	-0.65
MRFBM2CB26P5_COS		-1669.87	-449.01	-82.51	-89.34	-61.00	-6.03	16.92	21.95	-2.39	-3.20	5.07	0.04	-0.24	1.60	-1.66	-3.63
MRFBM2CB26P5_SIN		0.00	-904.31	5.52	-37.59	-17.69	-5.60	6.41	-12.01	8.23	1.71	-1.89	-0.29	-1.48	1.33	2.63	-3.09
MRFBM2FB9_COS		961.78	-61.76	90.35	-33.33	42.40	17.72	10.12	18.38	-1.90	-1.54	-3.28	-0.43	-0.07	0.42	2.40	-0.45
MRFBM2FB9_SIN		0.00	37.62	9.43	-123.31	0.25	2.09	7.69	18.89	6.80	3.09	2.02	-1.34	-1.06	-0.15	1.75	0.07
MRFBM2TOR26P5_COS		-341.26	181.81	0.59	-0.25	0.15	-0.05	-0.08	-0.20	-0.05	0.10	-0.15	0.16	-0.01	-0.05	0.14	-0.05
MRFBM2TOR26P5_SIN		0.00	60.67	0.19	-0.54	-0.04	-0.22	0.04	-0.63	-0.21	-0.03	-0.07	-0.03	0.06	-0.01	-0.05	0.03

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-274.72	-1714.61	153.29	150.44	-100.13	-117.86	-41.53	-126.08	33.34	25.22	11.81	11.61	0.49	-3.62	-37.35	2.01
MRPC1CB33P25_SIN		0.00	530.41	-14.19	12.42	8.89	-33.27	-4.21	-74.23	-63.91	-22.37	-54.21	21.08	7.87	10.25	7.29	3.03
MRPC1FB33P25_COS		2344.09	187.69	-325.36	219.33	-265.46	-111.94	-96.31	-360.18	-53.40	-23.91	71.59	30.90	25.79	4.13	-92.05	-8.36
MRPC1FB33P25_SIN		0.00	115.55	-29.19	324.11	-11.76	44.04	-49.98	-213.41	-144.42	-100.88	-57.97	34.42	21.46	18.81	-10.23	-22.92
MRPC1TOR25P5_COS		-767.43	-6.38	-68.89	-40.44	8.43	26.45	-21.71	43.24	-12.25	0.03	16.73	0.45	-5.97	-0.28	-1.18	2.17
MRPC1TOR25P5_SIN		0.00	-27.23	-83.47	-41.40	-3.87	4.23	-4.56	-32.98	-7.35	5.48	0.28	10.91	-3.82	2.88	3.55	3.14
MRPLK1LOAD_COS		-69.86	4.04	-3.80	-8.42	1.90	3.16	-2.49	7.42	-1.63	-0.24	2.46	-0.60	-0.85	0.24	-0.33	0.31
MRPLK1LOAD_SIN		0.00	-23.11	-4.84	-5.20	-0.51	0.84	-0.22	-3.64	-0.38	0.35	0.56	1.69	-0.90	0.33	0.60	0.84
PITCHRH_COS		9551.76	-7677.38	-431.88	-79.20	-60.52	-614.90	-87.22	-74.46	115.60	-5.57	-36.02	-104.01	19.28	9.81	-10.80	-390.19
PITCHRH_SIN		0.00	1630.09	-586.94	125.89	-114.67	-348.04	-29.13	34.77	-64.45	-158.67	-279.15	-17.19	-6.16	73.95	19.67	38.32
ROLLRH_COS		1391.09	-1435.48	578.58	-86.40	-461.81	-953.88	-100.61	-104.12	114.52	91.49	383.62	-38.18	-23.23	6.57	-27.39	-9.23
ROLLRH_SIN		0.00	-7598.49	-662.61	41.69	113.15	69.22	-324.39	-89.47	78.54	15.53	-145.45	-120.81	0.83	-38.74	-9.99	-354.61
TORQ_COS		43602.05	257.04	3.49	29.16	-1.62	257.46	-0.63	-33.91	-16.28	-1.77	-3.02	1.62	2.19	-2.44	-1.76	22.84
TORQ_SIN		0.00	707.68	-30.71	23.07	-61.27	117.87	8.92	67.30	-3.48	-6.56	-3.87	7.47	-2.33	2.22	-4.96	-31.98
THRUST_COS		7640.90	-75.47	8.07	13.01	4.76	42.23	7.35	8.89	-2.89	-1.14	-16.84	-1.24	0.62	0.43	14.69	0.80
THRUST_SIN		0.00	-101.74	8.60	4.41	27.80	-25.59	5.71	32.57	-1.80	4.76	22.62	2.07	2.40	-1.74	-3.15	8.18

RUN	POINT	Harmonics															
61	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-237.20	56.48	-16.58	-4.52	57.28	44.64	2.94	1.88	-3.43	-4.06	-15.69	2.04	1.01	-0.68	0.45	1.39
SIDERH_SIN		0.00	190.89	10.42	5.81	-68.60	-104.41	17.34	1.26	-1.62	0.16	5.74	5.17	-0.06	1.47	0.03	10.52
DRAGRH_COS		-176.49	202.57	6.62	-3.29	-9.36	83.80	-1.55	-0.32	-3.03	-3.02	12.51	4.91	-1.94	-0.41	0.35	16.74
DRAGRH_SIN		0.00	-57.77	17.52	-2.87	8.17	114.09	-8.71	-2.47	5.77	8.84	13.98	-4.58	-0.84	-2.40	-1.40	-4.91

RUN	POINT	Harmonics															
61	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.14	-0.11	-0.10	-0.09	-0.05	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.40	0.01	-0.02	-0.06	-0.02	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-50.59	-2.37	-3.18	-3.37	-1.97	0.71	0.44	1.14	-0.18	-0.19	-0.04	0.17	0.13	0.10	0.19	-0.10
ACT1FORCE_SIN		0.00	14.31	0.26	0.29	-0.69	-0.45	-0.30	0.28	0.38	0.06	0.08	-0.07	0.01	-0.18	0.01	-0.03
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.55	-0.13	0.00	0.02	0.07	0.03	0.01	-0.04	-0.03	-0.01	0.00	0.00	-0.01	0.00	0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-0.05	-0.05	-0.09	-0.06	0.03	0.02	0.05	-0.01	0.00	0.00	0.00	0.01	0.02	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.10	0.01	-0.02	-0.08	-0.04	-0.01	0.04	0.03	0.02	0.01	0.01	0.02	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	0.03	0.07	0.07	0.05	-0.02	-0.02	-0.04	0.01	0.00	0.00	-0.01	-0.01	-0.02	-0.01	0.01
MRBLD1CB42P75_COS		-4179.06	-2155.83	269.64	116.61	-116.98	-186.24	-81.50	-149.27	81.87	57.66	-7.30	9.07	-5.43	-13.72	-60.64	12.10
MRBLD1CB42P75_SIN		0.00	453.58	-26.83	85.48	142.12	-62.91	31.75	-82.36	-57.21	-2.35	-85.09	30.53	8.95	11.47	4.50	10.00

RUN	POINT	Harmonics															
61	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		3128.40	-1280.42	544.41	27.77	-91.97	-180.50	-114.59	-118.85	65.53	61.90	-1.16	4.00	2.54	0.53	-43.66	16.04
MRBLD1CB70_SIN		0.00	319.67	-78.56	125.66	396.34	-20.64	87.79	-15.66	-36.11	-4.96	-62.13	17.22	4.89	9.79	6.25	12.07
MRBLD1CB120_COS		-287.62	-414.56	660.20	47.37	-99.54	-76.49	-75.17	-68.81	-55.02	-29.13	15.80	-0.32	7.10	11.49	6.84	-0.78
MRBLD1CB120_SIN		0.00	267.39	-195.97	21.81	396.30	38.11	97.64	23.34	-8.91	-23.21	49.95	-5.13	5.05	4.66	-11.20	-11.82
MRBLD1CB164_COS		-1969.71	-123.66	230.58	-22.98	-93.86	7.65	10.32	27.75	-65.61	-50.45	-2.69	2.01	9.56	6.86	22.87	-15.75
MRBLD1CB164_SIN		0.00	161.81	-66.69	5.28	167.42	42.27	24.46	15.82	-18.12	-42.95	46.70	8.81	10.08	-11.52	-6.42	-4.70
MRBLD1FB42P75_COS		3203.81	290.77	-374.76	327.97	-337.68	-106.21	-107.81	-479.68	-135.25	-93.65	-19.23	48.88	31.04	17.22	-89.24	-13.72
MRBLD1FB42P75_SIN		0.00	-50.46	44.17	347.24	-31.92	87.47	-6.24	-66.35	-103.10	-72.60	-81.66	4.03	2.06	11.25	74.10	-20.31
MRBLD1FB70_COS		484.71	-35.47	-171.95	65.60	-113.03	-36.51	-15.15	-68.20	0.12	3.29	-0.46	-0.41	-2.41	-3.85	18.92	5.67
MRBLD1FB70_SIN		0.00	-200.35	30.51	100.92	-13.75	11.04	9.07	-1.00	-8.56	3.40	5.74	4.22	4.21	-1.85	-16.22	3.65
MRBLD1FB87_COS		-75.91	-0.63	-160.07	-0.99	-73.60	-26.56	-2.69	45.70	19.14	17.07	9.76	-8.09	-2.08	-1.66	14.01	-3.90
MRBLD1FB87_SIN		0.00	-210.18	47.78	94.44	-0.31	8.37	2.61	7.06	9.72	7.88	19.10	-0.67	0.44	0.25	-12.51	4.76
MRBLD1FB120_COS		-492.03	-20.94	-262.95	-30.32	3.05	22.08	20.39	98.84	3.50	-8.11	-11.70	0.09	3.37	4.60	-22.12	4.81
MRBLD1FB120_SIN		0.00	-261.67	92.91	159.18	39.25	-7.22	-24.54	-0.96	11.65	-3.80	-12.87	-4.91	-7.94	-2.70	19.26	-5.99
MRBLD1FB164_COS		-59.79	-0.94	-360.21	43.71	217.80	85.16	-2.23	-146.04	-14.09	3.96	7.64	-3.83	-1.76	-0.73	12.74	-5.43
MRBLD1FB164_SIN		0.00	-372.29	87.48	223.81	98.64	-30.09	17.27	-13.16	-22.72	7.52	25.44	1.30	1.94	4.31	-8.39	-1.64

RUN	POINT	Harmonics															
61	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-88.19	-46.46	-196.70	27.13	176.32	53.65	-34.63	-130.61	20.13	8.10	-9.91	-13.02	17.72	9.37	-37.79	2.36
MRBLD1FB180_SIN		0.00	-274.59	61.35	106.69	65.63	-15.92	16.72	-2.30	-31.37	-13.72	41.72	5.58	-15.23	-18.70	23.49	6.27
MRBLD1TOR51_COS		-1440.19	97.60	40.44	74.64	-26.12	-45.53	14.23	-48.08	11.46	1.20	-5.99	-1.90	5.91	1.98	-12.17	-0.58
MRBLD1TOR51_SIN		0.00	-109.94	28.98	66.88	22.28	-3.30	-0.97	9.65	-1.33	-9.27	-1.76	-3.81	1.27	-0.89	-4.11	-2.16
MRBLD1TOR71_COS		-262.92	118.51	19.23	60.08	-7.70	-29.14	21.38	-26.52	9.35	-0.76	-5.33	-3.13	4.94	3.98	-6.07	-0.66
MRBLD1TOR71_SIN		0.00	-121.83	22.10	38.66	13.24	-1.36	3.18	22.79	8.31	-3.07	4.76	-2.59	-0.46	-1.31	-2.73	-0.20
MRBLD1TOR130_COS		-16.67	103.41	39.59	48.87	15.69	-22.94	17.68	-28.11	5.54	-1.57	1.95	-0.38	0.57	0.42	0.47	-0.76
MRBLD1TOR130_SIN		0.00	-103.89	12.98	21.19	22.71	2.68	6.53	12.65	1.55	-3.11	3.86	9.71	3.30	1.39	1.27	3.92
MRBLD1TOR164_COS		-257.50	69.80	76.49	26.83	-13.51	-34.54	1.23	-4.14	8.00	2.74	0.63	-0.89	2.82	5.45	-1.88	-1.04
MRBLD1TOR164_SIN		0.00	-43.33	-1.12	-21.74	-4.43	4.97	10.22	15.49	1.47	-2.52	5.28	6.87	3.20	2.36	-2.02	-1.23
MRFBM2CB26P5_COS		-1662.49	-455.75	-82.76	-86.89	-63.92	-4.69	14.19	16.46	-1.67	-3.32	0.27	0.47	-1.48	1.15	-1.03	-3.86
MRFBM2CB26P5_SIN		0.00	-916.38	5.05	-41.23	-15.05	-5.54	4.51	-10.44	6.98	1.60	-2.58	-0.24	-1.34	-0.24	3.22	-3.10
MRFBM2FB9_COS		961.73	26.70	93.45	-30.63	41.94	18.50	8.91	16.46	-2.06	-1.26	-2.58	-0.35	-0.06	0.51	2.77	-0.86
MRFBM2FB9_SIN		0.00	20.56	6.92	-128.70	10.41	2.52	6.61	20.39	6.57	2.89	2.89	-1.40	-1.08	-0.35	2.57	-0.36
MRFBM2TOR26P5_COS		-339.27	181.79	0.62	-0.14	0.31	0.02	-0.20	-0.13	-0.07	0.08	-0.06	0.12	0.00	-0.06	0.11	-0.04
MRFBM2TOR26P5_SIN		0.00	61.20	0.28	-0.59	0.03	-0.29	0.12	-0.53	-0.20	-0.05	-0.04	-0.06	0.03	-0.01	-0.05	0.02

RUN	POINT	Harmonics															
61	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-277.61	-1820.27	145.57	147.66	-92.77	-122.56	-41.15	-130.98	35.21	24.49	-5.15	12.03	-0.61	-5.72	-51.78	7.98
MRPC1CB33P25_SIN		0.00	508.62	-14.52	21.07	7.24	-38.60	-2.62	-84.28	-62.99	-19.06	-52.74	21.44	9.52	14.39	0.83	1.31
MRPC1FB33P25_COS		2330.49	223.26	-329.15	213.30	-274.00	-112.16	-84.11	-344.70	-51.04	-26.96	33.92	31.57	22.30	2.39	-118.20	11.37
MRPC1FB33P25_SIN		0.00	112.57	-27.32	341.73	-89.85	40.95	-43.97	-243.44	-144.86	-101.96	-72.40	32.70	22.53	23.58	-31.49	-22.11
MRPC1TOR25P5_COS		-734.15	-22.71	-100.46	-52.86	11.21	41.79	-25.16	35.21	-10.38	1.34	10.98	2.60	-6.47	-1.91	-1.63	0.95
MRPC1TOR25P5_SIN		0.00	34.88	-90.33	-59.20	-22.67	7.83	-1.61	-23.60	-10.84	5.66	-2.75	12.74	-1.82	6.02	0.88	2.66
MRPLK1LOAD_COS		-65.30	1.54	-7.88	-10.02	2.36	5.33	-2.95	6.23	-1.36	-0.02	1.68	-0.21	-0.85	0.02	-0.19	-0.01
MRPLK1LOAD_SIN		0.00	-15.00	-5.97	-7.46	-2.95	1.31	0.29	-2.22	-0.89	0.38	0.20	1.90	-0.58	0.77	0.08	0.86
PITCHRH_COS		9225.95	-7523.77	-680.11	-129.52	-65.57	-863.82	-114.76	-18.79	119.79	-19.51	-15.18	-64.11	10.46	-34.11	10.14	-416.58
PITCHRH_SIN		0.00	1499.13	-632.64	184.45	-51.59	-569.69	75.59	76.71	-82.80	-115.62	-295.52	-36.19	21.94	44.05	24.18	62.95
ROLLRH_COS		1665.01	-1241.32	608.18	-91.97	-477.74	-555.96	-83.29	-77.32	134.37	103.37	371.21	-5.64	-57.35	-15.70	-32.75	-42.78
ROLLRH_SIN		0.00	-7443.45	-955.38	28.91	121.29	-100.40	-347.35	12.20	78.43	24.60	-143.63	-112.81	49.81	-4.29	-3.77	-428.07
TORQ_COS		43760.06	182.03	2.07	11.25	-17.45	264.23	0.08	-9.48	-17.68	-1.70	15.02	-0.27	6.56	-1.75	-2.69	23.07
TORQ_SIN		0.00	705.16	-31.62	16.39	-118.12	146.60	8.13	67.59	-3.43	-4.00	-4.88	9.54	-5.60	5.40	-5.60	-35.93
THRUST_COS		7701.59	-17.63	9.78	5.66	9.82	44.63	7.04	14.92	-2.82	-1.42	-2.02	-1.91	3.68	1.43	14.99	-1.96
THRUST_SIN		0.00	-114.88	3.97	9.26	38.33	-23.03	6.04	22.58	-2.30	3.61	21.26	2.38	-0.68	-1.62	-5.40	10.22

RUN	POINT	Harmonics															
61	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-237.32	39.91	-14.41	-5.45	61.85	26.61	3.74	0.49	-3.96	-4.77	-15.66	0.69	2.17	0.14	0.69	2.24
SIDERH_SIN		0.00	184.21	12.41	6.17	-72.61	-77.70	18.91	-1.02	-1.18	-0.53	5.60	4.93	-1.56	0.45	0.02	12.54
DRAGRH_COS		-177.02	206.33	8.55	-1.29	-7.38	87.86	-3.54	-0.04	-1.99	-2.26	10.92	4.50	-3.11	1.53	-0.29	17.88
DRAGRH_SIN		0.00	-56.56	15.32	-3.62	3.45	80.88	-19.91	1.22	7.10	5.91	17.06	-2.68	-1.12	-1.67	-1.83	-5.59

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-42.15	-0.35	-0.08	-3.55	-2.59	-0.91	0.08	0.63	0.29	0.05	-0.07	0.23	0.14	0.15	0.17	-0.02
ACT1FORCE_SIN		0.00	11.86	1.57	0.82	0.62	-1.00	-0.35	-0.29	0.18	0.09	-0.12	0.07	0.00	-0.09	0.00	0.15
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		329.25	-7.56	-2.95	30.50	24.29	11.43	-0.01	-0.04	-0.03	-0.03	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN		0.00	-90.93	-12.98	-7.63	-3.80	7.58	-0.01	-0.01	0.00	-0.03	0.00	0.00	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		476.49	7.65	3.00	-30.52	-24.35	-11.51	-0.02	0.03	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	91.09	13.04	7.72	3.87	-7.55	-0.01	0.00	-0.01	0.02	0.00	0.00	0.00	0.00	0.01	0.02
MRBLD1CB42P75_COS		-4688.21	-1235.53	33.25	241.85	-56.70	-82.54	-42.65	-158.13	35.32	23.31	28.74	15.84	2.30	-1.37	-49.56	1.46
MRBLD1CB42P75_SIN		0.00	375.78	-32.12	60.47	155.43	-4.63	29.43	-13.98	-46.66	-5.49	-109.45	45.36	13.33	11.60	27.55	-13.34

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2858.17	-770.56	295.14	150.37	-22.33	-68.80	-58.37	-105.21	29.20	26.09	-6.84	12.64	1.98	0.91	-38.46	1.28
MRBLD1CB70_SIN		0.00	262.03	-68.05	101.10	288.57	31.62	70.59	24.40	-31.42	0.51	-83.77	20.97	6.56	5.88	19.72	-18.85
MRBLD1CB120_COS		-422.62	-327.56	417.84	144.58	-12.13	-16.83	-49.63	-38.29	-31.36	0.07	10.22	-0.93	2.96	5.93	-3.40	-0.34
MRBLD1CB120_SIN		0.00	217.95	-161.51	21.98	276.73	48.57	75.48	41.21	-5.34	-12.85	59.87	-16.66	1.51	2.31	-6.23	-9.97
MRBLD1CB164_COS		-1961.38	-108.95	138.10	34.48	-44.39	1.52	-2.56	34.16	-36.27	-7.42	19.56	0.51	5.61	3.21	24.40	-4.43
MRBLD1CB164_SIN		0.00	108.74	-58.74	18.91	118.46	27.37	16.89	13.66	-2.83	-24.89	65.86	-5.25	4.57	-1.47	-6.57	17.74
MRBLD1FB42P75_COS		3010.51	156.79	-399.60	517.59	-165.46	-80.14	-87.91	-357.97	-111.13	-52.34	78.29	59.07	34.58	26.31	-26.59	-48.62
MRBLD1FB42P75_SIN		0.00	-76.45	16.73	93.34	149.84	85.36	37.50	97.25	-74.11	-96.41	-132.19	16.97	-3.57	8.24	119.14	-24.25
MRBLD1FB70_COS		396.88	-1.88	-183.52	142.30	-60.89	-20.03	-7.70	-48.88	-1.14	2.62	-0.80	-1.23	-2.55	-4.69	7.85	12.20
MRBLD1FB70_SIN		0.00	-193.70	31.10	23.15	34.91	8.12	9.66	23.78	-4.11	2.49	2.86	2.70	3.82	-0.61	-25.49	4.51
MRBLD1FB87_COS		-101.96	23.69	-152.57	44.12	-52.92	-23.64	-3.91	34.85	17.18	12.31	-9.66	-11.29	-4.94	-4.73	2.22	5.10
MRBLD1FB87_SIN		0.00	-197.80	53.50	51.56	20.95	3.12	-3.98	-9.05	6.85	12.94	30.33	-3.94	2.10	0.58	-22.60	5.38
MRBLD1FB120_COS		-488.11	25.48	-231.60	13.89	-10.13	1.87	10.96	71.33	2.44	-8.74	-5.31	1.90	3.39	5.76	-7.03	-9.58
MRBLD1FB120_SIN		0.00	-250.47	101.56	121.17	32.02	-1.72	-24.87	-37.31	7.57	-1.83	-12.27	-0.94	-7.74	-2.81	34.23	-7.71
MRBLD1FB164_COS		-215.72	55.82	-334.65	69.65	155.68	70.79	3.71	-109.39	-5.60	10.30	3.11	-3.74	-3.19	-1.56	5.70	2.65
MRBLD1FB164_SIN		0.00	-315.37	115.72	149.13	-0.47	-28.11	20.87	39.14	-16.47	0.91	21.27	-3.85	1.67	1.53	-16.61	4.39

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-220.13	4.89	-188.52	33.27	119.77	53.17	-20.29	-102.34	17.69	17.49	-30.21	-15.26	9.54	9.97	-15.48	-13.69
MRBLD1FB180_SIN		0.00	-220.01	73.63	71.56	-6.41	-19.87	25.49	45.74	-22.87	-5.59	60.46	-2.76	-6.83	-8.41	41.79	-6.12
MRBLD1TOR51_COS		-1449.61	73.03	-22.78	77.16	-16.19	-24.49	4.72	-42.84	10.72	3.62	-13.10	-2.76	3.75	2.82	-10.25	-0.31
MRBLD1TOR51_SIN		0.00	-71.66	12.36	25.38	14.78	4.70	6.73	33.79	-3.24	-6.24	-0.44	-5.44	-0.45	0.04	5.69	-5.92
MRBLD1TOR71_COS		-254.11	85.96	-30.74	53.39	-3.46	-12.65	11.41	-22.89	10.04	1.52	-14.48	-3.60	2.84	3.55	-7.22	-1.15
MRBLD1TOR71_SIN		0.00	-76.19	7.25	7.73	0.95	3.58	8.47	36.52	4.74	-0.97	5.04	-4.60	-1.24	-0.60	1.70	-3.61
MRBLD1TOR130_COS		-8.98	75.99	-9.55	29.89	13.58	-7.20	9.12	-23.42	6.24	2.02	6.69	0.40	1.13	0.19	-1.20	-1.68
MRBLD1TOR130_SIN		0.00	-59.55	2.53	-0.70	-0.11	6.75	10.65	26.72	1.05	-1.67	3.87	9.96	3.90	1.19	-3.38	3.35
MRBLD1TOR164_COS		-213.54	41.11	48.14	2.98	-9.24	-16.00	-0.32	-2.79	5.86	2.91	0.02	0.91	2.59	2.81	-5.03	-2.53
MRBLD1TOR164_SIN		0.00	-18.89	-8.37	-24.90	-4.47	6.04	10.00	18.30	2.09	-1.56	4.82	6.48	3.40	1.15	-2.43	-0.84
MRFBM2CB26P5_COS		-2020.47	-340.95	13.53	-73.43	-22.32	6.31	9.49	7.72	0.26	-4.59	11.59	-1.03	-1.12	1.00	1.14	-2.69
MRFBM2CB26P5_SIN		0.00	-420.59	-18.02	-27.95	-2.63	-1.12	3.20	-15.23	8.68	-1.16	-1.67	1.84	-0.81	-1.02	3.26	-1.22
MRFBM2FB9_COS		246.16	-110.13	153.91	-101.78	29.56	14.82	7.24	17.61	-0.79	-1.77	-5.17	0.04	-0.13	0.46	3.51	-1.08
MRFBM2FB9_SIN		0.00	-142.47	21.17	-80.00	-14.68	-1.12	4.54	9.12	5.57	2.55	1.33	-1.88	-1.16	-0.55	0.42	1.27
MRFBM2TOR26P5_COS		-420.29	123.93	0.91	-0.13	0.09	-0.36	-0.02	-0.23	-0.12	0.11	-0.24	0.15	0.02	-0.03	0.19	0.11
MRFBM2TOR26P5_SIN		0.00	35.87	-0.13	-0.59	0.36	-0.38	0.09	-0.35	-0.24	0.04	0.00	-0.07	0.06	0.00	-0.17	0.04

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-661.67	-1110.18	-42.57	251.85	-54.83	-62.20	-29.17	-141.33	11.56	12.83	40.09	14.49	5.92	1.85	-46.45	-0.02
MRPC1CB33P25_SIN		0.00	362.27	-10.51	4.43	70.65	-8.73	5.68	-23.17	-48.52	-20.54	-68.09	35.12	10.52	11.89	23.64	-16.77
MRPC1FB33P25_COS		2214.89	105.74	-341.72	405.17	-175.50	-91.24	-84.27	-315.35	-46.49	13.23	132.24	31.28	26.39	9.76	-123.16	-6.37
MRPC1FB33P25_SIN		0.00	90.13	-53.08	174.34	96.65	47.58	-3.07	-71.31	-109.32	-97.40	-53.64	50.23	22.68	27.57	47.72	-57.43
MRPC1TOR25P5_COS		-811.04	-58.09	-14.86	-67.16	6.43	15.59	-14.59	29.68	-12.84	-1.07	24.05	5.29	-3.43	-1.30	-10.03	-4.86
MRPC1TOR25P5_SIN		0.00	117.46	-53.25	0.89	-1.84	0.96	-4.06	-42.24	-4.14	4.26	-5.58	16.34	2.78	3.81	-6.50	-0.94
MRPLK1LOAD_COS		-84.89	-1.75	0.27	-8.55	1.39	2.80	-1.44	5.56	-1.50	-0.42	3.57	0.04	-0.57	-0.17	-1.73	-1.07
MRPLK1LOAD_SIN		0.00	-10.70	-4.08	-1.66	-1.48	0.08	-0.93	-5.35	-0.27	0.27	-0.19	2.64	0.14	0.27	-2.24	-0.01
PITCHRH_COS		11268.89	-8128.10	-781.35	-119.16	-38.22	-342.22	-74.50	-75.68	61.59	-18.17	66.10	-135.52	24.92	-39.10	-6.31	-452.58
PITCHRH_SIN		0.00	1943.82	-649.07	133.40	-50.84	532.91	61.44	31.06	-88.98	-107.31	-251.48	-5.67	-15.94	30.79	24.33	280.12
ROLLRH_COS		4066.21	-1814.65	660.04	-34.50	-361.59	-1001.39	-106.79	-113.03	90.64	79.64	365.26	-43.16	14.49	6.21	-33.19	-737.74
ROLLRH_SIN		0.00	-7913.30	-844.61	-11.13	180.36	187.79	-217.01	-61.34	59.95	-38.61	-28.11	-112.60	10.17	57.73	-9.95	-545.04
TORQ_COS		31342.57	241.82	5.47	5.98	-66.16	81.78	-3.59	16.95	-16.76	0.68	-21.10	1.41	3.20	-2.25	-2.37	13.84
TORQ_SIN		0.00	699.40	-20.21	-5.35	-76.59	53.87	1.63	43.27	-7.71	-5.29	1.53	3.80	-6.66	10.00	-10.25	-24.36
THRUST_COS		5793.81	-59.85	3.19	6.15	15.38	40.64	2.52	19.25	-3.92	-3.32	-43.06	1.53	-1.03	-0.65	4.59	19.94
THRUST_SIN		0.00	-100.60	6.30	2.50	31.56	-35.93	2.84	18.97	-1.55	3.14	31.79	-3.38	1.09	-0.50	-9.01	34.00

RUN	POINT	Harmonics															
61	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.48	58.58	-18.55	-2.72	26.01	50.61	8.03	2.16	-2.62	-3.46	-14.33	2.50	-0.36	-0.34	0.60	21.71
SIDERH_SIN		0.00	191.65	17.82	3.72	-75.18	-77.33	10.62	0.71	-1.38	2.62	1.94	5.18	-0.15	-1.28	0.00	15.79
DRAGRH_COS		-152.12	214.37	18.07	-0.71	-7.26	25.81	-9.69	-2.96	-2.11	-0.84	3.49	7.05	-0.96	2.85	-0.45	18.35
DRAGRH_SIN		0.00	-63.22	17.60	-1.60	9.51	69.47	-18.86	0.24	6.38	5.71	11.06	-5.38	1.93	-1.33	-2.41	-11.80

RUN	POINT	Harmonics															
61	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.50	-0.13	-0.04	-0.12	-0.06	-0.02	0.00	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.43	0.03	0.02	-0.05	-0.03	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.60	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.20	-3.81	-1.30	-3.50	-1.79	-0.44	0.24	0.73	0.20	0.14	0.14	0.42	0.11	0.11	0.09	-0.08
ACT1FORCE_SIN		0.00	14.65	0.27	1.17	-0.60	-0.86	-0.67	-0.30	0.05	0.04	-0.04	0.10	0.13	0.03	-0.07	0.12
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.53	-0.14	-0.01	-0.01	0.06	0.04	0.03	0.00	-0.01	-0.01	0.01	-0.02	-0.02	-0.02	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-0.06	-0.01	-0.12	-0.08	-0.02	0.02	0.05	0.01	0.02	0.02	0.02	0.00	0.01	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.12	0.01	0.01	-0.06	-0.06	-0.04	0.00	0.00	0.01	-0.01	0.01	0.01	0.02	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.04	0.03	0.10	0.05	0.03	-0.01	-0.04	-0.01	-0.03	-0.01	-0.02	-0.01	-0.01	0.00	0.02
MRBLD1CB42P75_COS		-4652.20	-1690.17	33.87	247.81	-20.90	-95.15	-58.77	-154.57	36.77	46.73	33.40	15.61	7.74	4.72	-52.65	-4.79
MRBLD1CB42P75_SIN		0.00	136.60	-42.16	74.14	163.55	8.74	28.58	-25.98	-48.18	-6.14	-95.75	34.32	14.95	12.93	52.32	-20.98

RUN	POINT	Harmonics															
61	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2882.37	-1050.00	292.02	159.91	29.03	-107.12	-55.32	-98.62	29.44	47.19	14.17	12.49	6.19	8.43	-35.36	-3.39
MRBLD1CB70_SIN		0.00	88.77	-71.17	108.21	311.61	48.76	46.51	17.94	-33.08	0.25	-68.19	16.90	8.74	4.14	44.12	-23.60
MRBLD1CB120_COS		-426.38	-422.30	412.79	158.81	34.16	-62.82	-22.48	-18.07	-32.02	-16.47	4.69	1.44	2.33	6.97	-4.79	0.34
MRBLD1CB120_SIN		0.00	115.49	-156.24	24.19	263.81	66.46	36.16	44.02	-5.61	-12.67	51.79	-11.25	0.45	2.60	-6.15	-11.23
MRBLD1CB164_COS		-1954.78	-133.86	130.89	37.69	-24.57	-16.72	18.42	42.57	-34.16	-27.78	2.62	2.73	3.23	-1.24	26.45	-1.08
MRBLD1CB164_SIN		0.00	85.46	-56.01	21.36	103.50	32.91	1.58	19.95	-1.79	-26.82	49.09	-3.00	3.90	0.53	-20.60	21.81
MRBLD1FB42P75_COS		2977.39	293.10	-379.39	556.02	-180.66	-46.10	-92.48	-318.71	-100.72	-59.02	44.73	56.93	42.36	42.07	5.60	-68.22
MRBLD1FB42P75_SIN		0.00	-50.06	17.06	126.50	-46.55	98.13	47.57	70.31	-69.79	-80.06	-113.71	5.45	-8.34	6.94	153.97	-24.47
MRBLD1FB70_COS		391.18	-2.35	-175.47	151.41	-62.62	-13.37	-10.30	-45.90	-1.74	2.81	-0.26	-1.41	-3.58	-7.63	0.93	16.11
MRBLD1FB70_SIN		0.00	-199.07	28.55	36.46	-20.88	12.26	11.37	17.68	-5.60	1.01	1.70	2.87	5.16	0.23	-32.02	4.82
MRBLD1FB87_COS		-102.31	22.30	-148.34	47.47	-54.11	-20.69	-3.09	29.59	15.23	12.29	-3.84	-10.16	-5.55	-6.68	-3.68	9.17
MRBLD1FB87_SIN		0.00	-192.83	51.94	60.31	-2.52	3.36	-2.20	-6.12	5.96	10.46	25.21	-2.58	2.28	0.88	-29.50	5.06
MRBLD1FB120_COS		-476.68	19.37	-230.57	14.14	-15.98	1.90	17.08	67.12	4.80	-7.11	-5.73	1.20	4.03	8.69	1.71	-15.09
MRBLD1FB120_SIN		0.00	-224.79	98.62	131.05	38.68	-7.65	-24.64	-28.23	9.93	0.45	-9.57	-0.25	-7.84	-4.16	43.29	-7.80
MRBLD1FB164_COS		-266.99	73.08	-319.64	91.88	163.03	60.94	-3.18	-98.67	-8.23	8.63	4.74	-3.53	-3.65	-2.93	1.42	5.84
MRBLD1FB164_SIN		0.00	-346.13	109.12	145.90	79.46	-20.21	20.42	29.68	-15.07	-0.37	16.74	-4.03	0.50	1.51	-21.11	5.29

RUN	POINT	Harmonics															
61	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-273.94	18.86	-177.03	47.11	126.27	51.74	-23.69	-93.74	15.73	19.37	-19.55	-14.89	9.69	17.76	0.18	-18.66
MRBLD1FB180_SIN		0.00	-262.56	72.58	67.44	46.20	-9.16	33.05	42.19	-17.49	-6.75	49.24	0.67	-6.61	-10.02	50.01	-8.98
MRBLD1TOR51_COS		-1523.65	87.45	7.13	103.34	-11.84	-34.62	-4.43	-37.83	8.90	4.93	-8.59	-1.16	3.96	4.30	-10.44	-2.62
MRBLD1TOR51_SIN		0.00	-161.31	11.27	39.17	24.59	14.18	4.79	30.43	-2.21	-7.10	-1.68	-4.48	1.03	2.92	11.05	-7.93
MRBLD1TOR71_COS		-322.98	104.47	-2.58	76.24	-1.14	-22.20	2.74	-20.03	8.30	2.47	-10.04	-2.22	2.82	4.32	-6.97	-1.70
MRBLD1TOR71_SIN		0.00	-157.97	6.40	18.41	15.25	11.06	6.38	33.58	5.19	-2.06	3.98	-3.28	-0.27	0.94	4.35	-4.31
MRBLD1TOR130_COS		-79.41	92.53	18.20	52.13	16.04	-15.96	1.17	-20.05	5.75	2.58	6.38	1.65	1.78	0.47	-0.56	0.23
MRBLD1TOR130_SIN		0.00	-144.12	0.70	5.76	22.80	13.97	8.01	23.93	1.41	-2.64	3.03	9.57	3.79	0.49	-4.65	4.88
MRBLD1TOR164_COS		-261.70	50.80	65.45	15.51	-3.31	-17.92	-5.81	-3.60	6.00	3.67	0.51	0.54	3.00	3.51	-4.17	-0.79
MRBLD1TOR164_SIN		0.00	-80.70	-9.36	-22.59	-1.83	12.89	9.83	16.95	2.50	-1.27	5.28	6.38	2.29	-0.17	-1.56	-0.47
MRFBM2CB26P5_COS		-2011.75	-258.46	10.91	-69.70	-26.03	11.08	2.79	2.18	2.11	-4.73	5.94	-0.71	-1.61	-0.03	0.07	-1.58
MRFBM2CB26P5_SIN		0.00	-619.01	-15.06	-32.93	7.97	4.36	-0.35	-15.43	8.13	0.79	-4.11	1.98	-1.07	-0.56	3.21	-1.79
MRFBM2FB9_COS		220.20	113.57	140.42	-106.64	20.79	14.50	6.99	15.41	-1.28	-1.93	-4.60	-0.36	-0.35	0.26	4.75	-1.13
MRFBM2FB9_SIN		0.00	-137.33	20.53	-92.25	5.23	-3.29	2.50	8.87	5.23	2.01	1.58	-1.59	-1.44	-1.10	-0.71	1.63
MRFBM2TOR26P5_COS		-420.32	123.61	0.91	0.05	0.16	-0.29	-0.26	-0.16	-0.10	0.07	-0.13	0.12	0.02	-0.02	0.18	0.11
MRFBM2TOR26P5_SIN		0.00	37.62	-0.11	-0.88	0.44	-0.52	0.20	-0.30	-0.24	-0.02	0.06	-0.13	0.07	-0.05	-0.06	0.04

RUN	POINT	Harmonics															
61	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-641.33	-1495.88	-40.40	255.43	-37.68	-59.54	-40.18	-133.86	12.47	22.54	31.71	14.95	9.77	7.65	-49.04	-5.49
MRPC1CB33P25_SIN		0.00	175.83	-24.29	15.84	59.38	2.57	13.29	-29.70	-47.69	-20.03	-61.68	27.43	12.27	14.46	46.23	-24.07
MRPC1FB33P25_COS		2187.00	224.93	-329.43	429.55	-141.31	-68.01	-90.26	-273.94	-41.13	2.23	97.64	36.40	35.59	20.83	-133.29	-16.06
MRPC1FB33P25_SIN		0.00	122.62	-47.16	208.35	-66.54	68.62	1.47	-76.21	-101.59	-88.86	-57.91	40.92	24.46	38.70	96.07	-75.84
MRPC1TOR25P5_COS		-736.08	-63.25	-50.69	-93.16	6.80	26.56	-5.08	25.64	-10.51	-1.77	17.89	4.15	-1.91	-1.91	-10.68	-1.25
MRPC1TOR25P5_SIN		0.00	211.87	-44.94	-12.67	-17.10	-6.30	-2.19	-38.75	-4.76	4.12	-2.31	15.25	1.19	0.86	-7.95	0.87
MRPLK1LOAD_COS		-75.09	-4.54	-3.75	-12.18	1.39	4.35	-0.20	4.93	-1.26	-0.61	2.53	-0.04	-0.34	-0.27	-1.85	-0.05
MRPLK1LOAD_SIN		0.00	0.94	-3.74	-3.51	-3.21	-1.20	-0.56	-4.74	-0.29	0.39	0.29	2.58	-0.07	-0.25	-2.75	0.60
PITCHRH_COS		8384.53	-7986.29	-845.32	-62.47	-18.75	-845.84	-168.57	-77.75	75.47	-22.83	22.42	-113.01	12.43	-57.17	15.40	-392.67
PITCHRH_SIN		0.00	1798.70	-767.50	55.69	37.69	89.63	130.96	111.42	-68.48	-61.50	-298.00	-68.41	17.14	97.28	3.69	241.67
ROLLRH_COS		3601.88	-1596.90	780.40	-47.83	-439.62	-204.08	-95.79	-90.07	102.45	76.17	344.31	20.56	-13.48	97.72	-87.13	-657.89
ROLLRH_SIN		0.00	-7732.81	-1037.67	-49.36	169.88	-116.39	-299.22	25.83	58.44	-3.52	-93.94	-107.06	41.57	86.86	45.56	-472.92
TORQ_COS		31472.59	163.76	-4.81	6.16	-68.78	85.98	3.95	33.72	-13.79	-1.53	-2.15	2.36	4.13	0.66	2.89	9.73
TORQ_SIN		0.00	713.12	-12.74	10.23	-176.84	72.20	-5.97	52.58	-5.39	-1.03	3.67	3.64	-6.96	5.50	-10.22	-19.08
THRUST_COS		5774.20	-5.70	7.66	3.82	14.04	37.56	7.94	30.43	-7.65	-5.52	-21.61	2.96	1.27	-0.40	5.95	18.90
THRUST_SIN		0.00	-131.34	-0.15	5.64	45.52	-39.60	3.35	14.52	-1.68	1.50	35.84	-3.33	-1.24	-4.00	-23.14	39.65

RUN	POINT	Harmonics															
61	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-145.97	43.13	-19.39	-0.70	45.03	10.31	8.59	0.90	-2.41	-4.32	-14.29	-0.74	0.47	-3.12	2.10	18.90
SIDERH_SIN		0.00	185.66	20.25	2.09	-84.54	-20.57	16.76	-2.33	-1.37	0.88	4.09	5.47	-1.05	-2.27	-1.45	13.43
DRAGRH_COS		-172.01	217.88	16.37	2.61	-9.40	24.95	0.59	-7.35	-0.44	0.51	4.08	9.10	-1.11	2.57	-2.30	16.31
DRAGRH_SIN		0.00	-63.08	16.14	1.52	-1.88	-13.32	-31.68	2.55	8.07	1.88	15.71	-2.17	0.65	-3.93	-2.21	-11.23

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-29.76	-2.22	-9.70	-0.64	-1.20	-0.09	0.22	-0.17	-0.26	-0.18	0.02	-0.05	0.05	0.07	-0.06	0.01
ACT1FORCE_SIN		0.00	18.69	-1.95	-2.89	1.46	0.24	0.38	0.46	0.26	0.05	-0.25	-0.02	-0.08	0.09	0.04	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		420.66	2.33	82.32	8.60	12.79	2.44	-3.11	-0.01	0.02	0.00	-0.01	0.00	-0.01	0.00	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-138.02	16.70	34.15	-8.38	-2.59	-0.14	0.00	-0.02	0.01	0.00	0.01	0.00	-0.02	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		385.03	-2.20	-82.49	-8.73	-12.79	-2.44	3.12	0.02	-0.02	0.00	0.01	-0.01	0.01	0.00	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	138.29	-16.57	-34.25	8.34	2.60	0.13	0.00	0.02	-0.01	0.00	-0.01	0.00	0.02	0.00	0.00
MRBLD1CB42P75_COS		75.67	-2088.75	546.57	-133.43	-117.56	-116.60	-90.55	-6.66	14.51	-18.79	-22.63	2.99	1.19	-6.19	-2.29	4.79
MRBLD1CB42P75_SIN		0.00	1303.56	31.84	101.72	305.23	-115.35	-19.53	-57.46	18.25	23.49	-100.87	6.43	11.18	12.13	-3.79	25.27

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4839.53	-1543.24	402.81	-218.83	4.85	-157.88	-75.15	-8.91	15.89	-10.03	-29.71	1.43	1.30	-1.74	-3.93	15.67
MRBLD1CB70_SIN		0.00	1053.54	-89.74	198.24	525.18	-173.55	77.50	-36.91	14.31	23.90	-49.27	3.76	5.42	7.72	-6.23	26.74
MRBLD1CB120_COS		-138.71	-868.08	335.42	-86.47	89.22	-129.79	-36.29	10.40	6.40	-1.39	5.72	-6.96	1.12	4.38	4.34	-1.75
MRBLD1CB120_SIN		0.00	829.29	-93.85	169.80	579.91	-145.28	129.30	-66.14	-32.22	-36.75	59.25	4.15	0.07	-0.77	-2.99	1.93
MRBLD1CB164_COS		-1987.04	-296.29	76.82	17.72	24.21	-64.65	-15.20	13.30	-7.01	3.11	14.91	-3.02	-0.28	0.18	-0.74	-10.52
MRBLD1CB164_SIN		0.00	323.43	-22.59	97.08	239.38	-58.05	68.38	-14.52	-35.55	-41.26	45.14	8.45	1.83	-1.46	8.46	-16.91
MRBLD1FB42P75_COS		2492.79	477.17	141.13	761.22	-37.06	-63.06	-121.07	-152.74	-77.65	-111.21	-42.50	-5.25	1.27	3.45	-9.15	43.46
MRBLD1FB42P75_SIN		0.00	-293.50	398.48	438.34	386.28	187.61	-6.07	-216.92	-12.48	-40.94	-99.23	2.53	2.03	0.70	-27.36	9.48
MRBLD1FB70_COS		685.51	93.89	45.45	208.58	-18.18	-20.01	-25.58	-14.50	0.12	-0.15	0.34	2.23	0.73	0.26	1.96	-7.85
MRBLD1FB70_SIN		0.00	-263.42	163.83	115.58	121.04	27.65	2.09	-32.57	4.89	6.08	2.73	2.35	1.90	1.08	5.13	-3.04
MRBLD1FB87_COS		98.94	110.93	-19.79	105.53	-20.85	-13.03	-2.30	11.91	12.60	21.84	12.94	2.62	0.85	-0.34	2.56	-8.88
MRBLD1FB87_SIN		0.00	-319.61	120.47	67.06	48.63	5.87	1.11	18.50	0.33	8.86	25.13	0.56	1.37	1.14	7.59	0.55
MRBLD1FB120_COS		-293.15	132.02	-111.90	95.74	-13.88	-15.61	5.72	17.93	-7.38	-8.19	-9.52	-9.09	-5.17	-1.43	-3.76	14.00
MRBLD1FB120_SIN		0.00	-459.08	128.78	153.81	11.98	9.56	7.78	54.87	-1.93	-8.96	-12.94	-4.55	-4.60	-4.49	-11.94	-0.72
MRBLD1FB164_COS		128.95	122.91	-1.15	75.97	79.23	49.00	30.40	-13.62	1.70	13.07	11.95	5.86	2.20	-2.30	-1.48	-8.09
MRBLD1FB164_SIN		0.00	-598.16	212.76	271.20	-35.77	-38.60	-33.56	-77.06	5.19	11.68	18.95	0.85	1.80	1.58	5.57	-0.01

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		41.28	-34.24	50.70	5.91	60.90	49.00	12.92	-17.60	5.18	34.87	27.32	-7.84	-15.36	-8.20	-4.22	16.94
MRBLD1FB180_SIN		0.00	-428.69	151.29	153.19	-41.84	-17.69	-22.28	-72.47	6.72	21.46	51.04	-5.89	-11.40	-9.55	-14.61	-0.66
MRBLD1TOR51_COS		-1467.37	188.22	81.23	30.01	12.77	-6.43	10.38	-21.09	-6.01	1.91	0.72	-1.32	-3.33	-0.74	2.10	4.93
MRBLD1TOR51_SIN		0.00	-150.94	166.69	93.62	19.94	15.15	-41.93	-41.39	-2.17	3.75	8.87	0.28	-4.90	-4.94	-4.96	3.50
MRBLD1TOR71_COS		-324.16	214.26	44.65	15.96	21.74	5.45	20.42	-16.44	-2.31	4.55	0.95	-1.62	-1.85	0.10	1.41	2.26
MRBLD1TOR71_SIN		0.00	-145.75	139.19	48.78	-10.89	15.01	-35.53	-25.31	0.06	5.74	14.26	1.39	-3.47	-3.68	-1.90	2.57
MRBLD1TOR130_COS		-66.39	190.25	47.21	-8.94	27.88	8.91	19.20	-9.85	-0.07	-0.74	5.27	-1.01	0.14	-0.19	-1.94	-3.69
MRBLD1TOR130_SIN		0.00	-110.04	79.68	30.87	-25.15	7.11	-26.97	-27.29	-0.69	-3.28	-0.16	5.23	3.24	2.17	3.34	-0.30
MRBLD1TOR164_COS		-299.28	104.69	31.91	-21.61	6.13	-2.24	3.80	-5.91	1.43	2.97	0.37	-1.87	0.78	0.13	-0.68	-2.48
MRBLD1TOR164_SIN		0.00	-25.87	15.37	-29.80	-11.52	8.83	-13.54	-10.08	0.76	0.85	3.20	-0.83	0.73	0.77	0.19	0.10
MRFBM2CB26P5_COS		2343.54	-983.17	-265.41	-43.42	-79.94	-12.25	26.38	1.02	0.68	-4.34	4.89	0.70	0.78	0.39	-0.01	-1.90
MRFBM2CB26P5_SIN		0.00	-834.59	64.28	88.02	53.65	-12.80	-4.10	0.97	1.17	-0.26	-11.87	0.49	0.49	-0.23	-0.91	-0.42
MRFBM2FB9_COS		1002.10	-34.30	-238.55	-116.13	32.59	24.20	14.65	-1.35	2.05	2.32	-1.52	0.45	0.47	0.36	-0.69	0.34
MRFBM2FB9_SIN		0.00	217.02	-202.23	-196.11	-54.36	-6.57	10.20	14.50	2.94	2.94	3.80	0.37	0.23	0.06	0.65	-1.85
MRFBM2TOR26P5_COS		-121.58	322.05	-2.86	0.91	-0.10	0.14	0.81	0.22	0.18	0.14	0.00	0.16	0.09	-0.02	-0.05	0.08
MRFBM2TOR26P5_SIN		0.00	14.02	1.61	-1.39	-0.25	0.20	-0.28	-0.04	-0.08	0.07	0.12	0.11	0.05	0.11	-0.10	-0.08

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		711.06	-1604.37	457.93	-67.96	-109.70	-73.71	-84.99	-6.72	15.78	-14.41	-14.33	3.01	2.75	-3.54	1.23	2.73
MRPC1CB33P25_SIN		0.00	1153.83	10.76	25.27	145.92	-52.30	-30.99	-55.52	-0.33	-4.27	-74.06	4.23	7.14	9.10	-6.37	21.69
MRPC1FB33P25_COS		1908.63	386.50	-13.88	577.11	-105.87	-106.22	-97.66	-35.69	-48.84	-56.63	29.75	-1.07	2.58	1.01	16.62	15.30
MRPC1FB33P25_SIN		0.00	-43.96	328.66	493.11	324.73	128.06	-41.51	-245.04	-53.35	-92.23	-100.45	-0.27	2.99	5.42	-21.99	47.34
MRPC1TOR25P5_COS		-283.71	-80.08	-110.54	1.59	-22.99	9.09	-12.51	22.36	8.71	-0.24	4.45	2.33	5.52	0.32	-3.10	-9.49
MRPC1TOR25P5_SIN		0.00	-144.37	-169.01	-86.03	-0.52	-20.72	50.88	37.55	-1.40	-10.20	-15.94	5.67	10.83	8.58	9.03	3.14
MRPLK1LOAD_COS		12.04	-13.58	-14.65	-1.78	-4.57	2.47	-2.94	3.87	2.41	-0.18	0.91	-0.34	0.85	0.28	-0.76	-2.05
MRPLK1LOAD_SIN		0.00	-13.30	-23.63	-15.25	-0.53	-2.76	7.22	5.49	-0.28	-1.21	-1.71	0.73	1.66	1.31	1.47	0.86
PITCHRH_COS		8912.62	-9233.21	-343.72	100.88	32.56	-759.23	91.47	-73.12	125.37	-171.94	49.49	-14.13	-3.38	66.09	-43.75	-115.17
PITCHRH_SIN		0.00	866.31	-653.84	3.26	-103.66	255.28	194.69	50.24	-44.34	-83.54	-344.59	55.61	-54.23	11.71	17.48	142.80
ROLLRH_COS		-658.45	-1045.19	764.39	-100.11	275.32	-2113.31	-173.09	-12.64	9.26	150.26	170.58	-34.34	7.16	-41.94	8.09	156.64
ROLLRH_SIN		0.00	-9442.05	-306.40	150.02	69.69	1198.70	-136.53	-85.83	-169.70	-136.88	29.47	-25.17	-41.80	42.20	-41.11	140.60
TORQ_COS		121948.66	206.70	0.08	91.08	-19.63	17.41	8.62	5.71	-5.53	2.14	-0.77	-1.61	-0.54	-0.61	-5.49	7.60
TORQ_SIN		0.00	1154.92	-67.98	101.31	-159.12	39.86	6.69	38.03	-4.19	-5.86	57.26	4.75	-6.49	5.80	-1.57	-2.11
THRUST_COS		6635.62	-70.38	-2.95	22.70	9.24	33.35	9.34	19.14	-1.71	-0.52	8.42	-4.65	1.87	-2.87	1.70	-20.43
THRUST_SIN		0.00	-257.29	15.40	-3.19	25.15	-71.67	8.02	10.03	-1.32	1.60	52.01	4.37	1.03	-0.61	2.64	-13.67

RUN	POINT	Harmonics															
63	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-206.43	45.46	-15.10	0.03	-3.05	8.01	14.32	0.44	-1.90	-6.02	-5.82	1.51	-0.57	1.24	-0.22	-4.15
SIDERH_SIN		0.00	237.76	2.90	0.92	23.42	-158.02	-4.50	3.95	4.71	6.85	-5.55	2.08	0.81	-1.07	0.85	-3.78
DRAGRH_COS		-103.48	244.02	4.13	0.96	11.68	313.32	-36.90	1.09	-0.18	5.76	-10.63	2.29	-0.40	-2.58	2.05	6.44
DRAGRH_SIN		0.00	-45.38	10.92	-0.83	-9.11	112.36	-7.39	1.52	-4.60	9.60	10.85	-3.04	4.10	-0.04	-1.01	-6.74

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.02	0.02	0.00	-0.04	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.00	-0.07	-19.86	-3.74	1.29	-0.65	0.40	0.14	-0.20	-0.03	0.69	-0.02	-0.15	-0.08	-0.25	0.12
ACT1FORCE_SIN		0.00	20.79	5.54	-4.75	0.92	1.96	0.88	0.32	0.46	-0.16	-0.93	0.30	0.16	0.09	0.10	0.23
FA1IBCURRENT_COS		-0.01	-0.01	0.06	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		425.66	-7.76	211.62	26.82	-5.10	3.57	-12.15	-0.07	-0.07	-0.03	0.13	-0.02	-0.03	0.00	0.01	-0.02
FA1IBVOLTAGE_SIN		0.00	-116.19	241.07	34.96	-1.57	-8.46	-6.45	0.03	0.03	0.06	-0.05	-0.01	-0.02	-0.05	0.01	0.02
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.14	7.90	-212.28	-27.10	5.71	-3.40	12.16	0.09	-0.03	0.03	-0.14	0.03	0.02	-0.02	-0.01	0.01
FA1OBVOLTAGE_SIN		0.00	116.55	-241.23	-35.37	1.85	8.56	6.47	-0.09	-0.02	-0.04	0.03	0.03	0.02	0.04	0.00	0.00
MRBLD1CB42P75_COS		172.27	-2092.07	717.31	-172.48	-257.60	-103.31	-86.16	-29.18	14.94	-10.51	-38.03	23.74	6.68	-8.10	9.21	3.55
MRBLD1CB42P75_SIN		0.00	2069.20	65.62	114.48	356.92	-171.82	-26.74	-62.04	21.77	41.50	-108.62	26.47	18.33	9.70	1.23	27.38

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4909.31	-1611.89	538.74	-325.48	-259.72	-92.92	-49.57	-35.95	17.14	0.13	-38.48	17.62	8.58	-0.85	8.14	16.83
MRBLD1CB70_SIN		0.00	1565.48	-11.16	111.74	705.14	-130.23	143.42	-29.89	23.20	35.45	-42.02	16.38	9.50	5.07	-3.58	29.29
MRBLD1CB120_COS		-103.16	-929.54	430.75	-221.51	-141.76	-44.11	-19.25	-24.02	25.77	3.94	13.13	-12.25	-0.09	5.59	4.33	-0.80
MRBLD1CB120_SIN		0.00	1027.24	-41.14	93.95	767.61	-22.50	269.17	-59.86	-31.24	-43.84	52.10	-4.17	1.63	0.16	-3.22	2.94
MRBLD1CB164_COS		-1989.99	-315.16	94.45	-78.69	-44.73	-33.80	-21.27	10.98	5.25	1.62	25.86	-11.66	-1.83	-3.05	-8.81	-11.34
MRBLD1CB164_SIN		0.00	364.68	40.21	59.13	307.05	22.51	145.50	-15.48	-36.02	-51.18	33.06	2.44	2.11	0.97	6.37	-18.50
MRBLD1FB42P75_COS		2469.09	443.79	228.81	402.78	60.78	-74.69	-88.88	-248.14	-48.72	-88.51	-85.44	23.84	1.18	-0.49	6.17	44.21
MRBLD1FB42P75_SIN		0.00	-479.09	247.23	699.45	243.37	129.18	-11.50	-211.71	-39.54	-37.55	-135.39	6.17	11.49	-2.63	-36.95	13.75
MRBLD1FB70_COS		682.46	87.27	66.59	70.58	3.69	-21.64	-21.37	-30.86	2.54	1.94	0.11	1.82	0.14	0.69	-1.15	-8.11
MRBLD1FB70_SIN		0.00	-265.90	122.82	181.96	90.03	15.13	2.83	-31.17	2.77	7.05	4.15	2.31	1.44	1.26	6.43	-3.02
MRBLD1FB87_COS		94.24	108.50	-22.06	10.39	-1.96	-12.79	-4.37	20.33	8.90	17.58	23.05	-5.00	1.00	1.38	-0.36	-8.59
MRBLD1FB87_SIN		0.00	-322.34	105.56	91.78	29.17	6.10	2.96	18.76	4.10	7.67	32.75	-0.87	-1.33	1.65	9.80	-0.61
MRBLD1FB120_COS		-292.19	144.79	-121.07	-29.79	2.71	-8.93	-3.93	40.46	-11.19	-11.29	-12.14	-4.34	-5.91	-4.05	0.03	11.79
MRBLD1FB120_SIN		0.00	-448.70	134.80	169.97	-11.59	24.92	5.30	50.87	2.26	-9.80	-15.33	-4.45	-4.30	-6.75	-15.19	-0.32
MRBLD1FB164_COS		153.12	63.77	8.06	57.66	5.05	45.20	35.31	-48.74	5.90	17.78	19.55	-2.10	1.90	1.40	-3.85	-8.71
MRBLD1FB164_SIN		0.00	-562.48	-11.00	338.12	18.27	-34.31	-39.18	-75.30	-1.06	12.11	27.72	0.15	-1.75	2.37	9.19	-0.19

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		57.95	-92.27	50.90	42.74	13.13	45.22	15.30	-45.15	11.63	27.58	46.14	-17.56	-14.59	-10.63	-0.69	16.50
MRBLD1FB180_SIN		0.00	-397.70	-50.33	184.26	0.29	-15.96	-28.58	-76.15	7.16	21.79	63.33	-10.56	-11.94	-10.54	-19.36	-1.23
MRBLD1TOR51_COS		-1466.52	103.77	167.13	95.52	-52.26	-6.72	5.13	-25.00	-0.36	-0.90	0.24	-0.96	-3.19	-0.80	4.81	5.79
MRBLD1TOR51_SIN		0.00	-147.52	-64.43	191.79	30.51	14.32	-28.24	-33.53	7.97	3.52	7.64	-1.61	-4.72	-5.35	-5.41	5.55
MRBLD1TOR71_COS		-325.93	134.51	114.20	95.56	-34.22	4.22	14.54	-16.06	0.97	2.70	0.94	-3.93	-0.40	-0.51	2.47	3.49
MRBLD1TOR71_SIN		0.00	-154.46	-77.61	134.59	1.08	15.11	-23.50	-15.66	9.36	3.90	14.83	-2.71	-3.58	-3.61	-2.45	3.45
MRBLD1TOR130_COS		-66.63	107.43	103.62	95.23	-24.60	7.70	14.30	-13.22	4.97	2.12	3.55	-2.57	2.58	-1.12	-3.33	-3.22
MRBLD1TOR130_SIN		0.00	-117.63	-136.07	103.09	-4.04	3.49	-14.99	-19.98	3.75	-3.23	-3.97	3.28	3.36	2.53	3.16	-1.79
MRBLD1TOR164_COS		-303.30	47.70	63.21	64.32	-11.66	-4.17	2.64	-6.36	1.99	6.34	1.05	-4.03	2.32	-0.26	-1.62	-2.85
MRBLD1TOR164_SIN		0.00	-35.06	-120.13	5.14	1.82	2.29	-6.62	-3.73	1.90	-1.60	5.93	-2.93	-0.02	0.23	0.51	-2.23
MRFBM2CB26P5_COS		2470.43	-1534.36	-347.34	-79.29	-149.69	-0.90	41.32	8.83	-3.74	-3.34	2.54	-0.08	0.61	-1.00	0.10	-1.80
MRFBM2CB26P5_SIN		0.00	-955.91	86.54	5.91	29.78	-18.57	-11.59	1.43	0.94	0.61	-17.86	0.88	0.16	0.18	-0.82	-0.13
MRFBM2FB9_COS		1069.07	-93.52	-320.25	-7.12	24.30	22.62	17.53	3.10	0.50	1.99	-1.73	0.20	0.82	0.02	-1.14	0.42
MRFBM2FB9_SIN		0.00	-83.74	-116.57	-226.05	-41.78	-2.03	9.45	17.60	2.22	1.88	5.29	-0.89	0.24	0.11	0.02	-1.75
MRFBM2TOR26P5_COS		-114.68	321.38	-2.98	2.27	-1.35	0.28	1.35	0.28	0.17	0.08	0.03	0.00	0.00	0.06	0.04	0.13
MRFBM2TOR26P5_SIN		0.00	11.42	4.37	-2.42	1.34	0.46	-0.68	-0.15	-0.10	0.21	0.13	0.16	0.05	0.10	-0.10	0.00

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		754.04	-1442.36	591.94	-44.87	-114.84	-88.74	-102.12	-25.50	22.70	-9.06	-27.11	19.92	5.65	-5.98	11.91	2.41
MRPC1CB33P25_SIN		0.00	1732.50	2.57	93.56	130.53	-114.61	-41.39	-59.70	-5.69	6.12	-87.91	13.77	14.04	6.61	-3.05	24.28
MRPC1FB33P25_COS		1877.99	376.42	81.09	234.74	3.17	-98.20	-67.57	-113.45	-15.15	-40.63	18.58	17.02	-2.76	1.37	33.71	13.39
MRPC1FB33P25_SIN		0.00	-203.18	225.40	645.54	231.83	77.97	-35.55	-279.31	-62.93	-77.78	-151.27	20.54	8.31	-0.51	-14.64	49.68
MRPC1TOR25P5_COS		-277.29	9.79	-197.15	-83.15	48.76	10.85	-6.54	22.76	3.82	7.81	4.01	0.27	9.24	-0.81	-6.69	-9.81
MRPC1TOR25P5_SIN		0.00	-139.40	77.02	-192.28	-11.05	-23.36	35.69	28.88	-13.03	-10.79	-17.20	6.53	11.20	9.17	10.13	-1.55
MRPLK1LOAD_COS		12.91	-2.70	-25.88	-13.09	5.82	3.09	-2.45	3.68	1.59	1.53	0.88	-1.29	2.00	-0.21	-1.59	-1.97
MRPLK1LOAD_SIN		0.00	-12.82	9.20	-29.96	-1.14	-3.25	5.34	4.44	-1.66	-1.58	-1.77	0.04	1.40	1.37	1.62	-0.04
PITCHRH_COS		9363.68	-9319.86	-237.42	-3.50	60.87	88.17	85.95	-71.23	229.44	-40.82	62.05	106.44	10.31	104.81	-23.94	-84.96
PITCHRH_SIN		0.00	1037.72	-1142.78	-14.43	99.05	-1751.26	-137.80	138.90	-94.21	-186.00	-346.97	107.89	22.77	-22.28	56.33	147.40
ROLLRH_COS		5414.13	-1033.11	1208.76	-199.67	121.28	-1239.72	-8.05	-102.09	-112.14	172.47	291.62	15.35	15.70	-46.03	-10.00	122.28
ROLLRH_SIN		0.00	-9474.23	-301.48	79.44	385.67	2221.94	-204.15	-202.34	18.75	-120.19	-14.69	23.24	-28.97	120.12	-29.64	145.60
TORQ_COS		124427.42	333.16	-23.53	142.24	81.86	16.03	7.23	-27.28	3.94	1.66	8.70	-3.67	-0.75	3.25	-4.82	6.18
TORQ_SIN		0.00	1106.54	-100.92	38.65	-142.79	252.81	8.18	49.30	-5.75	-4.76	74.36	3.40	-7.35	3.69	-2.56	-1.08
THRUST_COS		6765.87	-86.38	5.17	23.60	1.40	18.04	3.74	5.19	-1.65	-3.03	23.00	-11.40	4.95	-5.70	3.44	-14.46
THRUST_SIN		0.00	-221.08	-12.15	-9.13	29.44	-43.13	4.81	16.19	1.90	5.21	69.07	6.08	-3.89	-4.50	4.05	-11.45

RUN	POINT	Harmonics															
63	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.38	43.93	-27.11	-3.56	-17.91	-120.29	-1.71	3.01	0.17	-8.53	-10.59	0.38	-1.49	1.57	0.30	-3.43
SIDERH_SIN		0.00	236.03	4.09	-1.39	-57.43	-247.83	-0.52	3.54	0.31	5.13	-6.23	0.32	0.09	-3.45	0.65	-4.03
DRAGRH_COS		-103.93	243.43	14.19	6.57	6.34	580.81	-21.20	-7.67	1.96	-0.57	-14.82	-1.94	-1.58	-4.49	0.99	3.04
DRAGRH_SIN		0.00	-42.79	14.69	-0.65	1.76	331.21	27.79	3.26	-2.76	15.86	15.25	-4.28	4.09	0.35	-2.34	-5.32

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	0.77	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.02	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.87	0.28	-16.48	-4.28	-0.13	0.29	1.25	-0.36	-0.14	-0.42	-0.52	0.36	-0.05	0.08	0.39	-0.10
ACT1FORCE_SIN		0.00	20.72	8.43	-3.28	-0.04	1.29	-0.07	0.44	0.18	0.16	-0.02	0.00	0.28	0.03	-0.02	-0.10
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		425.46	-13.11	317.70	33.42	4.99	1.39	-12.27	0.06	0.06	-0.01	-0.17	-0.06	-0.10	0.02	0.02	0.04
FA1IBVOLTAGE_SIN		0.00	-111.68	142.64	22.85	2.41	-4.49	11.37	0.03	0.14	0.04	0.00	0.07	-0.07	0.01	0.05	-0.03
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.36	13.34	-318.47	-33.82	-4.18	-1.23	12.28	-0.06	-0.01	0.02	0.16	0.06	0.12	-0.01	-0.01	-0.03
FA1OBVOLTAGE_SIN		0.00	112.05	-142.52	-23.19	-2.70	4.49	-11.43	-0.09	-0.03	-0.05	0.02	-0.09	0.09	0.00	-0.04	0.03
MRBLD1CB42P75_COS		168.13	-1753.04	746.36	-157.53	-224.08	-138.24	-83.13	-18.81	0.10	-5.65	-37.83	41.25	2.50	-10.92	4.04	2.08
MRBLD1CB42P75_SIN		0.00	2325.55	22.53	126.40	397.02	-166.62	-29.82	-16.69	18.63	49.40	-83.51	1.08	11.50	15.79	-7.47	29.44

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4895.73	-1396.56	574.52	-328.35	-188.79	-102.37	-54.96	-10.79	7.82	-1.56	-24.95	30.55	4.00	-6.02	2.98	13.65
MRBLD1CB70_SIN		0.00	1763.92	-59.61	157.65	758.11	-157.79	129.22	7.95	19.89	39.03	-34.88	-2.68	-0.44	7.94	-10.94	30.93
MRBLD1CB120_COS		-109.84	-848.45	466.65	-211.65	-74.57	-22.81	-21.84	13.55	28.67	-0.74	6.70	-21.95	3.51	5.12	4.54	-2.10
MRBLD1CB120_SIN		0.00	1143.75	-75.43	130.02	814.36	-76.09	241.94	-19.82	-38.89	-46.64	47.05	8.38	0.86	-1.75	-1.41	2.76
MRBLD1CB164_COS		-2000.82	-299.33	125.16	-76.35	-24.20	-11.41	-19.73	21.91	14.12	0.45	6.32	-21.45	0.06	1.76	-5.94	-8.33
MRBLD1CB164_SIN		0.00	408.99	29.23	87.05	318.78	-3.00	133.13	-12.12	-38.96	-51.08	31.25	15.03	9.23	1.71	12.02	-19.96
MRBLD1FB42P75_COS		2490.36	366.48	175.30	528.93	0.16	-108.26	-81.13	-150.48	-62.11	-79.88	-90.52	23.13	8.64	1.45	-10.44	45.65
MRBLD1FB42P75_SIN		0.00	-505.43	278.75	730.97	250.29	136.14	-37.78	-97.14	-55.80	-36.85	-66.15	-6.97	10.90	0.04	-35.60	19.14
MRBLD1FB70_COS		687.17	94.24	50.60	111.20	-11.89	-30.30	-19.13	-12.60	1.20	3.01	1.27	1.12	-0.06	0.46	1.97	-8.39
MRBLD1FB70_SIN		0.00	-262.06	133.57	201.50	91.97	15.66	-3.33	-11.85	1.50	6.55	4.44	2.16	1.26	0.76	6.89	-4.98
MRBLD1FB87_COS		95.79	111.68	-28.13	33.19	-11.81	-13.29	-4.00	12.43	10.93	15.96	23.87	-4.89	-0.40	0.56	3.21	-9.04
MRBLD1FB87_SIN		0.00	-326.72	113.57	110.45	27.36	5.17	2.91	7.80	5.61	6.95	17.01	3.83	-0.92	0.76	9.53	-1.41
MRBLD1FB120_COS		-294.88	149.38	-124.25	-8.04	-10.99	-0.51	-5.37	13.99	-8.75	-13.08	-13.75	-4.11	-5.51	-3.26	-5.12	12.92
MRBLD1FB120_SIN		0.00	-466.32	143.68	210.91	-17.18	25.37	15.42	23.38	4.95	-8.18	-13.00	-6.98	-4.38	-5.05	-15.88	1.69
MRBLD1FB164_COS		163.81	87.85	-82.96	85.69	27.00	46.40	37.33	-14.91	3.26	19.21	23.16	-3.28	0.92	0.50	-0.04	-9.19
MRBLD1FB164_SIN		0.00	-568.43	32.82	334.53	29.68	-40.04	-44.84	-32.24	-5.91	9.76	19.82	4.76	-1.25	0.90	8.75	-0.14

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		67.73	-75.32	-33.75	52.88	35.57	38.93	13.43	-11.12	12.50	26.10	46.38	-19.74	-15.02	-10.42	-6.48	17.35
MRBLD1FB180_SIN		0.00	-395.08	-14.27	163.02	12.78	-15.85	-37.13	-40.41	7.71	24.10	34.34	-0.17	-11.14	-9.99	-19.54	0.72
MRBLD1TOR51_COS		-1450.83	127.70	48.76	123.80	-33.42	-5.26	3.05	-13.28	-0.87	2.91	2.33	-3.09	-3.04	-1.02	2.76	4.43
MRBLD1TOR51_SIN		0.00	-91.99	-49.36	130.18	56.55	15.68	-41.41	-19.33	1.93	10.37	9.59	-3.22	-3.66	-5.77	-6.23	3.14
MRBLD1TOR71_COS		-312.06	151.56	2.85	117.74	-15.84	7.25	12.66	-6.36	0.08	4.76	4.86	-6.55	-2.01	-0.83	1.80	2.10
MRBLD1TOR71_SIN		0.00	-106.18	-62.49	73.29	22.32	17.27	-34.32	-9.74	4.92	10.40	13.87	-2.40	-2.92	-3.22	-2.97	2.26
MRBLD1TOR130_COS		-52.47	123.64	-6.34	108.57	-3.20	10.30	14.61	-4.05	1.49	3.26	3.96	-2.62	-0.77	-1.62	-1.86	-3.24
MRBLD1TOR130_SIN		0.00	-67.74	-120.32	39.28	11.87	6.79	-23.63	-12.26	-0.84	1.75	-1.87	3.36	2.84	4.23	2.92	-0.12
MRBLD1TOR164_COS		-295.15	56.22	-7.11	67.59	-0.60	-4.89	4.01	-0.86	-1.04	4.22	5.27	-4.98	-0.53	-0.78	-0.57	-2.41
MRBLD1TOR164_SIN		0.00	3.51	-113.37	-39.75	8.05	5.16	-11.46	-2.42	1.70	-0.22	1.94	-0.74	-1.39	1.69	-0.35	0.83
MRFBM2CB26P5_COS		2452.94	-1681.98	-346.68	-102.42	-147.79	-5.76	41.39	5.46	-3.67	-3.39	-2.23	0.22	0.54	0.04	0.65	-2.04
MRFBM2CB26P5_SIN		0.00	-704.50	101.35	33.25	48.78	-22.58	-8.60	-2.71	2.40	0.20	-14.45	2.23	0.41	0.53	-1.46	0.36
MRFBM2FB9_COS		1110.10	-257.57	-283.34	-32.73	31.02	24.97	15.37	3.00	0.11	1.66	0.11	-0.58	0.80	0.15	-1.11	0.59
MRFBM2FB9_SIN		0.00	-93.18	-126.85	-246.66	-41.08	-0.89	10.46	9.16	3.06	1.45	4.39	-0.77	-0.09	0.10	0.63	-1.89
MRFBM2TOR26P5_COS		-113.42	327.94	-1.93	1.67	-0.22	0.33	1.11	0.08	0.23	0.29	-0.03	0.20	0.09	0.03	-0.06	0.15
MRFBM2TOR26P5_SIN		0.00	9.97	3.52	-2.46	1.57	0.32	-0.94	-0.14	-0.09	0.15	0.16	0.30	0.05	0.05	-0.13	-0.07

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		757.28	-1155.77	622.08	-22.44	-106.91	-119.22	-92.73	-18.88	6.97	-5.82	-33.33	26.83	3.99	-7.93	6.42	0.60
MRPC1CB33P25_SIN		0.00	1890.67	-30.75	85.41	144.52	-99.32	-38.56	-22.98	-7.51	11.19	-65.12	-2.44	8.81	10.99	-9.54	25.95
MRPC1FB33P25_COS		1895.93	313.25	39.87	332.91	-49.21	-127.81	-52.45	-82.55	-18.83	-34.84	-23.85	26.00	0.58	-0.46	23.59	8.30
MRPC1FB33P25_SIN		0.00	-229.41	240.92	695.79	225.64	73.60	-54.77	-150.04	-80.28	-72.59	-103.99	11.08	13.26	2.65	-28.15	54.63
MRPC1TOR25P5_COS		-290.32	-11.45	-71.63	-110.21	27.50	6.99	-2.62	11.60	1.31	1.72	1.78	3.80	3.66	-1.90	-2.81	-8.96
MRPC1TOR25P5_SIN		0.00	-203.10	59.86	-122.59	-39.36	-24.38	50.95	18.41	-7.82	-15.84	-17.67	8.73	8.77	12.45	8.86	4.15
MRPLK1LOAD_COS		11.31	-5.29	-9.57	-16.99	2.96	2.78	-1.53	2.17	0.67	0.38	1.13	-0.76	0.24	-0.50	-0.76	-1.96
MRPLK1LOAD_SIN		0.00	-21.14	6.52	-20.47	-5.15	-3.31	7.25	2.60	-1.02	-1.60	-2.15	0.61	0.95	2.38	1.34	1.13
PITCHRH_COS		12285.21	-9300.62	-404.35	46.87	101.86	-630.37	-7.90	15.57	92.19	-76.43	45.94	95.12	-50.34	77.50	-20.97	-63.10
PITCHRH_SIN		0.00	1076.53	-1093.49	43.87	-12.43	-1670.65	-103.55	71.97	-108.03	-147.47	-376.34	44.79	-14.28	-26.22	46.51	75.56
ROLLRH_COS		5877.54	-1022.83	1129.03	-237.85	268.73	-1149.34	-19.13	-126.75	-292.98	172.07	231.28	3.13	27.17	-43.82	3.76	166.24
ROLLRH_SIN		0.00	-9539.27	-393.55	68.32	338.26	1775.94	-251.51	-163.41	85.62	-125.28	-48.86	-4.31	-92.98	90.33	-12.02	139.24
TORQ_COS		124547.12	360.54	-44.17	91.68	70.18	93.56	7.32	-1.58	7.90	1.81	24.20	-3.40	-0.70	-0.75	-5.41	7.54
TORQ_SIN		0.00	1067.83	-79.51	57.99	-172.80	211.25	6.94	54.98	-9.99	-8.55	58.73	3.39	-8.41	4.69	-0.15	0.05
THRUST_COS		6874.02	-87.46	-5.78	21.37	4.35	43.62	5.51	12.86	-7.74	-0.65	36.96	-9.71	-5.24	-1.37	3.27	-12.42
THRUST_SIN		0.00	-220.65	-14.80	2.11	31.44	-36.85	7.97	12.64	0.43	13.17	42.63	5.71	0.72	5.97	-1.91	-17.01

RUN	POINT	Harmonics															
63	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.94	41.73	-24.44	-4.21	-34.95	-107.80	0.08	3.01	4.51	-8.41	-9.80	0.72	-2.17	1.66	-0.31	-4.46
SIDERH_SIN		0.00	239.49	6.02	-3.12	-37.19	-198.09	3.57	2.54	-2.65	6.07	-4.22	1.35	2.18	-2.39	0.38	-3.63
DRAGRH_COS		-79.68	244.81	16.59	8.24	8.08	602.53	-12.91	-6.02	2.89	-0.02	-16.46	-0.68	2.09	-2.43	1.50	4.90
DRAGRH_SIN		0.00	-46.44	10.92	-2.87	0.93	280.52	19.06	5.14	-4.12	14.78	13.47	-4.45	4.92	1.36	-3.73	-1.97

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.31	-0.01	0.00	0.00	0.00	-0.01	-0.02	0.01	0.03	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	0.72	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	-0.03	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.80	-0.30	-11.03	-3.94	-1.40	0.42	-0.16	-0.12	-0.34	0.16	0.89	0.07	0.01	-0.16	-0.25	-0.04
ACT1FORCE_SIN		0.00	20.28	9.15	-1.71	-0.15	0.13	-0.39	0.31	0.32	0.28	-0.06	0.07	0.13	-0.08	0.28	-0.08
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		426.17	-7.64	358.14	25.92	12.87	3.37	8.55	0.00	0.03	0.00	0.08	-0.02	-0.05	0.01	-0.01	0.02
FA1IBVOLTAGE_SIN		0.00	-109.90	11.25	9.99	-0.05	0.87	9.06	-0.04	-0.08	-0.02	0.25	-0.01	-0.01	-0.05	0.00	0.01
FA1OBCURRENT_COS		0.02	0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.09	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		379.68	7.90	-358.86	-26.36	-12.43	-3.25	-8.56	-0.02	0.05	0.02	-0.08	-0.01	0.05	-0.01	0.01	-0.02
FA1OBVOLTAGE_SIN		0.00	110.26	-11.17	-10.27	-0.83	-0.92	-9.13	-0.01	-0.03	0.02	-0.25	0.00	-0.02	0.04	0.00	-0.01
MRBLD1CB42P75_COS		248.79	-2151.17	681.32	-173.91	-182.71	-161.74	-91.22	-8.67	6.92	-15.97	-23.98	19.60	0.72	-7.87	3.74	1.22
MRBLD1CB42P75_SIN		0.00	1986.74	10.99	121.40	435.69	-145.18	-32.71	-9.37	11.28	26.74	-81.31	-5.84	19.95	22.66	-7.67	28.19

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4938.41	-1628.83	535.88	-342.16	-69.04	-139.51	-50.41	2.08	9.94	-13.27	-19.75	15.15	0.10	-4.27	2.26	10.22
MRBLD1CB70_SIN		0.00	1550.85	-100.78	207.55	794.92	-166.90	107.02	7.50	16.46	25.23	-47.79	-5.33	9.46	16.60	-10.82	31.66
MRBLD1CB120_COS		-109.07	-927.72	429.23	-207.99	46.33	-59.41	2.91	27.90	17.97	9.63	11.54	-10.04	0.10	3.26	3.57	-3.24
MRBLD1CB120_SIN		0.00	1083.39	-105.56	193.89	845.23	-114.04	207.24	-29.33	-39.81	-30.72	49.18	9.74	-2.10	-3.04	-1.11	3.70
MRBLD1CB164_COS		-2003.24	-313.15	132.88	-61.70	17.45	-20.85	-2.08	25.20	9.53	12.93	10.37	-8.13	2.26	1.26	-5.77	-5.96
MRBLD1CB164_SIN		0.00	403.95	7.00	128.80	325.43	-27.77	120.23	-20.83	-40.18	-35.98	44.22	15.14	1.32	-3.67	9.89	-20.95
MRBLD1FB42P75_COS		2490.53	465.46	105.08	708.46	-59.47	-116.71	-95.02	-126.77	-81.36	-67.14	-28.16	7.89	7.14	2.01	-8.60	43.61
MRBLD1FB42P75_SIN		0.00	-450.03	349.71	778.19	309.04	137.48	-44.04	-79.11	-69.55	-57.94	-63.42	-14.29	8.39	3.77	-35.50	20.05
MRBLD1FB70_COS		695.39	93.59	32.97	169.59	-25.49	-33.15	-21.33	-8.15	-1.31	1.80	1.19	1.12	-0.04	0.29	1.44	-8.36
MRBLD1FB70_SIN		0.00	-265.61	149.18	228.55	108.32	15.33	-4.38	-8.64	-0.64	4.31	3.24	2.35	1.29	0.54	6.82	-5.26
MRBLD1FB87_COS		101.14	112.96	-29.52	68.16	-22.57	-13.13	-2.34	11.04	13.01	14.14	10.37	-0.15	-0.22	0.41	2.96	-8.32
MRBLD1FB87_SIN		0.00	-328.93	118.75	134.75	32.28	4.25	3.28	7.22	8.00	11.07	16.71	5.29	-0.63	0.05	9.95	-1.33
MRBLD1FB120_COS		-291.43	148.18	-111.95	35.83	-23.95	2.71	-1.00	6.39	-4.70	-11.02	-10.01	-6.41	-5.16	-2.16	-4.24	12.69
MRBLD1FB120_SIN		0.00	-477.60	140.48	245.75	-18.95	18.92	18.82	19.21	6.01	-5.23	-11.27	-8.30	-3.68	-3.37	-15.71	2.41
MRBLD1FB164_COS		165.94	117.58	-147.81	105.72	60.74	50.05	38.95	-5.22	-1.06	17.46	14.21	0.64	-0.31	-0.15	-0.07	-7.81
MRBLD1FB164_SIN		0.00	-568.17	110.08	324.89	20.19	-36.80	-46.89	-28.88	-8.43	8.44	18.11	7.65	-1.02	-0.18	8.60	-0.03

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		66.83	-44.53	-98.84	50.99	62.62	38.02	15.18	-0.71	10.86	24.09	20.14	-11.20	-15.72	-9.80	-5.44	16.61
MRBLD1FB180_SIN		0.00	-393.09	58.12	141.48	10.04	-12.29	-41.96	-37.50	5.61	28.03	34.21	1.90	-11.58	-8.40	-18.83	2.06
MRBLD1TOR51_COS		-1443.99	154.39	-64.66	128.16	-7.53	-12.90	-6.82	-15.09	-2.09	4.65	1.25	-2.16	-1.82	-1.93	2.08	3.23
MRBLD1TOR51_SIN		0.00	-58.78	12.40	71.91	74.62	12.06	-47.91	-15.89	2.22	4.48	2.28	0.21	-3.51	-4.34	-5.86	1.46
MRBLD1TOR71_COS		-306.76	181.59	-99.37	115.84	7.81	1.21	4.20	-8.89	-0.57	6.60	0.81	-4.78	-0.73	-0.65	0.90	1.79
MRBLD1TOR71_SIN		0.00	-69.54	-4.45	14.72	35.60	14.44	-40.41	-8.35	7.18	5.89	5.99	1.96	-2.00	-2.32	-2.41	1.38
MRBLD1TOR130_COS		-47.19	152.45	-102.96	94.86	21.63	4.58	9.59	-5.39	0.56	6.86	2.37	-2.74	0.23	0.14	-2.40	-2.22
MRBLD1TOR130_SIN		0.00	-30.47	-60.17	-23.13	19.28	7.18	-29.94	-11.41	1.93	-2.08	-2.60	5.14	5.14	4.53	3.66	0.96
MRBLD1TOR164_COS		-290.89	73.33	-69.14	51.31	10.00	-8.29	1.31	-1.04	-0.79	4.64	0.22	-3.70	-0.62	0.87	0.33	-1.61
MRBLD1TOR164_SIN		0.00	32.22	-76.84	-83.33	10.67	6.50	-15.72	-2.95	4.65	-0.67	0.14	0.80	0.98	1.74	-0.01	2.64
MRFBM2CB26P5_COS		2545.85	-1491.86	-312.72	-118.65	-141.10	-11.98	36.79	3.34	-1.67	-4.05	-0.28	0.49	0.61	0.47	-0.11	-1.21
MRFBM2CB26P5_SIN		0.00	-912.50	99.02	65.78	80.33	-19.02	-9.20	-3.03	3.66	-1.10	-8.66	1.15	0.01	0.49	-1.31	0.71
MRFBM2FB9_COS		1106.92	-57.56	-235.85	-71.04	39.09	26.51	15.38	2.93	0.43	1.02	-1.01	-0.54	0.65	0.40	-1.19	0.62
MRFBM2FB9_SIN		0.00	19.02	-156.09	-275.88	-49.13	0.18	10.03	6.95	4.25	2.17	2.77	0.03	-0.06	0.03	0.58	-1.80
MRFBM2TOR26P5_COS		-109.08	341.66	-0.92	1.08	0.51	0.23	0.60	0.12	0.28	0.30	0.08	0.28	0.08	0.02	-0.07	0.14
MRFBM2TOR26P5_SIN		0.00	7.56	2.65	-2.35	1.36	0.09	-0.95	-0.06	-0.15	0.10	0.07	0.08	-0.01	0.10	-0.10	-0.14

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		796.24	-1517.72	558.04	-50.82	-122.59	-127.47	-97.62	-9.43	10.42	-8.27	-17.43	12.24	1.42	-5.66	6.23	-0.32
MRPC1CB33P25_SIN		0.00	1648.09	-12.68	49.75	168.33	-78.46	-35.69	-19.15	-15.16	0.51	-55.92	-6.57	14.28	16.43	-9.30	25.14
MRPC1FB33P25_COS		1898.47	392.89	-26.27	471.32	-108.74	-134.23	-60.15	-69.98	-26.96	-14.14	20.35	18.99	1.62	-1.95	25.23	6.99
MRPC1FB33P25_SIN		0.00	-181.53	289.95	766.86	261.24	73.14	-65.11	-126.78	-97.97	-81.51	-66.02	-3.29	11.06	5.59	-26.63	53.44
MRPC1TOR25P5_COS		-289.36	-44.44	47.60	-111.59	-0.94	15.00	8.74	13.82	3.39	2.99	2.18	1.66	3.32	2.21	-2.78	-6.19
MRPC1TOR25P5_SIN		0.00	-263.45	-5.61	-55.62	-57.53	-19.23	56.76	14.64	-6.77	-10.28	-8.19	5.69	11.97	11.42	9.63	7.92
MRPLK1LOAD_COS		11.99	-9.67	5.97	-17.43	-1.13	4.01	0.44	2.28	0.86	0.91	0.44	-0.94	0.34	0.50	-0.81	-1.28
MRPLK1LOAD_SIN		0.00	-29.60	-2.65	-11.40	-7.85	-2.35	7.67	1.86	-0.27	-1.02	-1.04	0.69	2.07	2.30	1.61	1.82
PITCHRH_COS		9378.56	-9259.86	-492.77	136.53	27.02	-1309.99	-51.36	53.16	-37.57	-11.76	7.63	67.49	-11.70	75.90	8.53	-91.00
PITCHRH_SIN		0.00	987.33	-1081.38	15.37	-40.23	-1208.21	-74.33	-20.91	-154.71	-86.61	-362.03	58.20	56.66	-47.04	81.27	50.12
ROLLRH_COS		3643.34	-1083.94	1087.17	-205.48	305.76	-1156.97	-122.49	-54.20	-205.76	100.24	228.10	-13.19	-33.83	-4.57	98.95	118.08
ROLLRH_SIN		0.00	-9506.65	-585.08	105.52	195.29	1312.01	-207.31	-89.59	110.64	-150.44	-4.32	3.67	-49.52	91.77	-31.35	154.22
TORQ_COS		126453.72	322.05	-40.23	73.95	9.68	118.09	9.34	4.14	-1.16	-1.35	14.39	-1.60	-0.65	-1.54	-4.50	6.90
TORQ_SIN		0.00	1145.95	-77.22	86.41	-177.44	123.90	7.27	46.86	-4.39	-7.87	34.53	5.73	-6.45	6.38	-2.91	-0.21
THRUST_COS		6849.68	-91.94	-16.72	25.56	12.70	60.82	5.97	10.27	-0.01	4.55	10.16	-4.97	0.45	2.91	0.21	-11.10
THRUST_SIN		0.00	-226.09	-19.87	1.38	27.02	-35.33	7.59	11.55	4.98	4.03	33.37	8.80	2.58	0.72	3.12	-22.89

RUN	POINT	Harmonics															
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-183.44	41.55	-19.53	-3.70	-30.91	-98.66	5.94	1.54	1.43	-4.66	-8.99	0.84	-0.69	0.42	-2.99	-2.82
SIDERH_SIN		0.00	238.35	17.05	-0.51	-9.77	-145.24	3.27	2.40	-3.59	7.76	-5.19	0.63	1.31	-2.28	0.88	-4.17
DRAGRH_COS		-115.95	243.78	12.78	4.34	12.10	617.45	-11.15	-4.56	4.65	0.06	-13.65	-1.76	0.69	-2.11	-2.10	6.12
DRAGRH_SIN		0.00	-43.41	8.86	-3.37	-5.26	154.43	8.29	5.66	-4.99	9.33	15.08	-4.32	2.40	1.63	-3.86	-1.53

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	1.48	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.02	0.02	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.01	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.07	-0.95	-6.13	-2.14	-2.99	0.17	-0.30	-0.34	-0.06	-0.12	-0.38	0.30	0.17	0.22	-0.22	-0.17
ACT1FORCE_SIN		0.00	20.27	6.84	0.01	0.67	-0.27	1.68	-0.06	0.15	-0.44	-0.61	0.09	-0.01	0.02	-0.24	-0.15
FA1IBCURRENT_COS		-0.01	-0.01	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		423.85	-0.64	321.67	8.75	22.02	5.35	5.38	-0.11	-0.09	-0.02	0.01	-0.03	-0.02	-0.03	-0.03	0.01
FA1IBVOLTAGE_SIN		0.00	-114.81	-126.90	1.84	-4.71	-1.45	-17.91	0.05	0.02	-0.07	-0.13	0.07	-0.03	0.01	-0.12	-0.04
FA1OBCURRENT_COS		0.02	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		381.97	0.95	-322.18	-9.23	-22.40	-5.32	-5.38	0.06	-0.12	0.03	-0.01	0.03	-0.01	0.02	0.03	-0.01
FA1OBVOLTAGE_SIN		0.00	115.09	127.50	-1.92	3.84	1.36	17.84	-0.02	-0.05	0.04	0.13	-0.04	0.07	-0.01	0.11	0.04
MRBLD1CB42P75_COS		200.23	-1962.48	647.75	-155.30	-67.96	-189.51	-87.93	-7.14	5.79	-27.27	-36.72	19.63	2.73	-2.03	10.17	2.00
MRBLD1CB42P75_SIN		0.00	2103.29	-27.58	148.08	422.63	-110.50	-20.98	-7.70	8.37	30.95	-76.70	-5.56	23.27	20.23	-16.68	31.63

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4912.90	-1494.75	498.20	-289.94	124.61	-191.66	-45.10	-5.12	13.58	-21.65	-27.21	14.03	2.34	3.02	7.50	15.17
MRBLD1CB70_SIN		0.00	1631.52	-155.96	282.62	706.68	-153.46	69.95	0.98	9.92	31.50	-40.86	-8.43	14.40	15.68	-19.15	34.50
MRBLD1CB120_COS		-111.39	-865.85	400.54	-140.07	209.46	-106.99	12.21	10.34	17.05	14.71	11.77	-10.70	1.79	2.49	3.98	-2.11
MRBLD1CB120_SIN		0.00	1124.38	-142.68	244.61	740.45	-130.21	130.37	-42.72	-44.88	-31.14	47.90	8.07	-1.14	-1.94	0.60	2.74
MRBLD1CB164_COS		-2002.47	-299.29	134.62	-9.90	65.12	-38.57	10.79	16.22	4.28	18.08	13.29	-6.83	1.64	-0.80	-11.42	-8.32
MRBLD1CB164_SIN		0.00	417.85	-29.12	154.49	287.67	-47.10	79.27	-25.70	-42.32	-41.77	40.12	15.89	-1.47	-4.15	14.13	-22.07
MRBLD1FB42P75_COS		2502.39	425.93	104.18	927.65	-140.17	-103.28	-101.51	-126.76	-97.61	-86.73	-49.94	5.95	7.88	-4.30	-12.32	48.94
MRBLD1FB42P75_SIN		0.00	-455.05	428.72	631.46	373.26	160.51	-37.24	-67.25	-59.92	-59.03	-57.97	-15.45	7.37	2.75	-51.55	23.91
MRBLD1FB70_COS		694.15	95.20	32.47	249.67	-43.11	-32.38	-20.73	-8.27	-2.26	1.10	1.45	1.48	0.37	1.71	2.19	-9.23
MRBLD1FB70_SIN		0.00	-264.49	172.32	193.39	120.20	22.02	-4.69	-7.82	-0.40	4.63	3.25	2.41	1.18	0.96	10.04	-6.13
MRBLD1FB87_COS		98.16	110.86	-25.03	120.52	-35.92	-13.50	-1.17	10.75	15.63	18.15	15.27	-0.02	-0.57	1.58	4.10	-9.42
MRBLD1FB87_SIN		0.00	-333.13	131.05	122.01	40.15	4.21	1.78	5.60	6.37	11.36	15.19	5.40	-0.55	0.37	13.55	-2.02
MRBLD1FB120_COS		-296.30	142.71	-105.44	111.36	-31.17	1.07	3.25	8.39	-2.51	-10.39	-10.92	-7.85	-4.97	-4.32	-6.26	14.02
MRBLD1FB120_SIN		0.00	-488.11	143.60	242.51	-5.29	10.30	17.20	17.41	4.83	-5.72	-11.81	-7.08	-2.86	-4.21	-20.81	3.25
MRBLD1FB164_COS		154.21	150.91	-161.25	133.45	107.00	53.19	32.38	-6.74	-4.18	16.48	17.55	1.63	-0.81	-0.02	1.30	-8.56
MRBLD1FB164_SIN		0.00	-591.13	229.54	288.71	5.54	-46.00	-40.26	-25.53	-5.63	7.77	15.91	7.28	-0.85	-0.51	10.54	0.39

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		62.17	-16.20	-108.91	39.54	93.97	41.07	10.62	-4.02	7.93	32.80	31.85	-14.61	-16.80	-11.42	-7.73	17.02
MRBLD1FB180_SIN		0.00	-409.37	164.12	121.22	-5.15	-20.26	-38.43	-33.26	4.98	26.58	32.41	0.24	-12.20	-9.25	-24.11	2.55
MRBLD1TOR51_COS		-1442.06	202.10	-120.51	103.85	27.62	-17.86	-0.37	-21.75	-0.81	1.47	-1.93	-1.35	-1.58	-1.51	1.66	2.32
MRBLD1TOR51_SIN		0.00	-46.31	126.92	8.61	67.66	22.99	-49.49	-13.29	-1.50	5.82	4.83	-3.12	-4.34	-3.75	-7.12	2.26
MRBLD1TOR71_COS		-304.42	223.57	-149.99	82.24	38.03	-2.05	9.57	-14.66	2.09	4.06	-0.58	-3.09	-0.07	0.72	0.73	1.13
MRBLD1TOR71_SIN		0.00	-58.97	103.51	-43.23	27.76	23.56	-42.25	-6.76	3.89	6.85	8.80	-0.11	-2.59	-2.81	-2.95	1.44
MRBLD1TOR130_COS		-44.83	195.71	-150.78	46.59	51.69	2.23	12.96	-9.59	2.27	3.13	1.01	-0.93	1.24	2.17	-1.84	-1.96
MRBLD1TOR130_SIN		0.00	-17.79	45.73	-73.77	7.28	16.55	-33.19	-10.69	-0.55	-3.53	-1.17	5.58	5.12	2.42	4.02	0.20
MRBLD1TOR164_COS		-287.78	103.02	-101.18	6.90	21.31	-8.83	2.99	-2.33	1.84	3.11	2.09	-3.37	-0.23	1.53	1.81	-1.22
MRBLD1TOR164_SIN		0.00	45.01	-11.25	-111.52	-0.47	14.88	-18.85	-4.49	3.70	-0.39	1.19	1.59	1.48	-0.78	-0.13	2.32
MRFBM2CB26P5_COS		2510.34	-1516.04	-293.35	-103.74	-101.07	-18.69	26.94	3.43	-1.76	-4.62	-1.01	1.08	0.60	0.56	-0.03	-1.53
MRFBM2CB26P5_SIN		0.00	-726.98	102.58	112.09	106.06	-15.83	-9.76	-0.95	3.97	-1.62	-8.28	1.22	-0.34	0.18	-1.65	-0.59
MRFBM2FB9_COS		1111.34	-124.42	-217.22	-138.26	45.07	27.19	12.79	2.80	0.85	1.59	-0.42	-0.40	0.72	0.42	-1.69	0.87
MRFBM2FB9_SIN		0.00	2.80	-197.19	-261.47	-53.41	-3.27	8.74	6.68	4.58	2.63	3.30	0.17	-0.20	0.22	0.82	-2.04
MRFBM2TOR26P5_COS		-110.93	341.31	-0.97	0.39	1.11	0.11	0.30	0.25	0.21	0.30	0.06	0.14	0.02	-0.03	-0.08	0.09
MRFBM2TOR26P5_SIN		0.00	-0.43	1.23	-2.11	0.63	-0.03	-0.42	-0.02	-0.26	0.04	0.01	0.07	0.04	0.07	-0.09	-0.15

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		760.36	-1372.93	541.99	-54.66	-88.35	-135.03	-88.38	-5.72	6.18	-14.04	-28.65	11.50	3.42	-1.32	12.12	0.30
MRPC1CB33P25_SIN		0.00	1725.93	-33.62	45.48	187.62	-50.56	-17.09	-17.70	-15.13	2.76	-54.00	-5.65	17.75	14.75	-17.02	26.98
MRPC1FB33P25_COS		1908.64	360.80	-36.03	679.03	-185.48	-132.32	-69.27	-76.15	-43.74	-28.12	0.97	18.90	2.74	-4.92	37.76	7.18
MRPC1FB33P25_SIN		0.00	-188.71	350.56	684.70	294.40	95.33	-63.75	-118.06	-99.00	-94.05	-75.27	-5.93	11.27	-0.66	-40.45	60.96
MRPC1TOR25P5_COS		-295.51	-104.65	105.42	-77.72	-39.11	19.19	1.03	21.10	2.31	3.48	5.23	3.03	4.06	4.71	0.75	-4.55
MRPC1TOR25P5_SIN		0.00	-276.61	-127.00	12.82	-50.69	-30.53	58.20	11.87	-3.22	-14.07	-11.30	10.71	13.53	6.90	9.91	6.58
MRPLK1LOAD_COS		10.94	-17.58	13.34	-13.01	-6.36	4.67	-0.77	3.22	1.12	0.85	1.16	-0.43	0.57	1.30	-0.13	-0.98
MRPLK1LOAD_SIN		0.00	-30.80	-18.81	-1.91	-7.04	-4.14	7.73	1.42	0.20	-1.63	-1.39	1.47	2.38	1.19	1.78	1.43
PITCHRH_COS		10846.67	-9216.55	-672.63	131.28	35.85	-1804.18	-23.81	-55.54	-141.71	-73.82	42.29	8.13	52.34	17.06	12.65	-73.45
PITCHRH_SIN		0.00	954.13	-856.72	6.15	-74.35	-127.77	116.97	-91.64	-19.39	-29.74	-314.42	53.73	-58.27	-62.60	32.76	48.88
ROLLRH_COS		3718.64	-1108.11	881.61	-219.81	426.68	-1444.70	-95.65	-46.46	-171.61	89.50	220.71	-51.84	24.15	-34.97	119.92	124.62
ROLLRH_SIN		0.00	-9485.09	-714.08	138.82	65.56	586.18	-94.06	-124.41	-141.35	-156.70	-11.88	3.07	-48.75	45.57	-115.32	269.52
TORQ_COS		125794.35	326.67	-42.22	62.58	-56.17	145.57	11.78	-1.85	5.86	0.82	17.24	-0.67	-1.23	0.04	-4.50	9.22
TORQ_SIN		0.00	1161.64	-51.87	113.59	-176.30	61.67	10.48	30.84	-10.82	-4.40	35.17	4.50	-4.93	6.51	-1.53	0.60
THRUST_COS		6879.55	-92.26	-31.39	27.79	15.97	67.53	9.76	12.14	0.12	0.70	20.19	-0.18	-0.23	1.48	2.04	-16.84
THRUST_SIN		0.00	-240.20	-11.02	1.83	25.05	-51.83	9.08	11.97	-1.18	0.77	34.15	4.49	5.60	-2.59	7.13	-28.44

RUN	POINT	Harmonics															
63	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-181.39	44.54	-15.02	-2.55	-32.13	-43.82	12.21	1.82	1.48	-3.16	-9.14	1.80	-1.08	1.51	-3.48	-3.19
SIDERH_SIN		0.00	238.61	15.66	1.34	23.22	-75.20	-2.21	3.54	3.61	7.80	-4.46	0.71	2.03	-1.18	3.30	-7.73
DRAGRH_COS		-101.12	243.12	12.18	2.95	11.18	477.33	-20.56	-3.19	1.93	4.04	-15.01	-1.44	0.04	-0.67	-1.52	6.08
DRAGRH_SIN		0.00	-45.01	3.44	-5.99	-11.47	-15.26	-3.69	3.29	-9.13	5.75	12.76	-3.17	4.74	1.94	-0.94	-2.07

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	1.26	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.04	0.01	0.00	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-0.78	0.00	-0.01	0.00	0.00	-0.01	0.01	0.01	0.01	-0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.28	-2.14	-2.98	0.06	-3.03	0.18	1.46	-0.23	-0.19	-0.30	0.51	0.28	0.03	-0.14	0.13	-0.05
ACT1FORCE_SIN		0.00	20.96	1.83	0.14	1.79	0.00	1.75	0.16	0.05	0.06	0.50	0.06	-0.02	0.12	0.41	0.04
FA1IBCURRENT_COS		-0.01	-0.02	-0.05	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.06	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		423.60	4.85	229.06	-9.14	22.35	0.01	-16.29	0.06	-0.01	-0.09	-0.14	0.06	-0.05	0.03	-0.01	0.01
FA1IBVOLTAGE_SIN		0.00	-126.83	-224.83	8.45	-11.91	-6.52	-15.45	0.05	0.03	0.04	0.14	-0.01	0.00	-0.06	0.01	-0.03
FA1OBCURRENT_COS		0.02	0.01	0.05	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.07	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		382.19	-4.59	-229.27	8.71	-23.12	-0.01	16.24	-0.04	-0.02	0.06	0.14	-0.04	0.08	-0.02	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	127.05	225.55	-8.36	11.64	6.46	15.35	0.06	0.17	-0.05	-0.11	-0.01	-0.01	0.06	-0.01	0.02
MRBLD1CB42P75_COS		255.66	-2016.82	602.74	-124.14	37.20	-201.96	-89.11	10.75	3.11	-28.99	4.44	2.62	11.75	-5.99	-3.37	-0.03
MRBLD1CB42P75_SIN		0.00	2292.90	-38.82	190.67	377.65	-77.02	-18.51	-13.03	6.77	31.77	-67.41	-20.16	20.57	15.38	-13.95	33.97

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4944.33	-1522.75	444.60	-211.24	301.47	-228.49	-52.72	-2.05	9.18	-25.57	-0.10	0.45	12.97	0.87	-5.11	11.93
MRBLD1CB70_SIN		0.00	1763.19	-194.12	360.97	572.57	-154.88	26.83	6.33	6.63	37.58	-43.34	-18.63	11.24	8.52	-17.08	35.65
MRBLD1CB120_COS		-98.18	-865.04	354.87	-50.08	355.00	-148.42	9.62	-4.72	8.13	13.49	-6.75	-2.38	0.30	2.13	6.15	-3.50
MRBLD1CB120_SIN		0.00	1182.16	-163.77	306.62	607.56	-170.84	52.83	-36.14	-39.67	-34.73	52.01	18.20	-2.20	-0.54	-1.11	2.77
MRBLD1CB164_COS		-2003.63	-302.20	118.52	54.32	114.78	-60.92	17.42	4.06	-0.93	17.10	-6.12	-0.31	-6.51	-1.29	-3.43	-6.34
MRBLD1CB164_SIN		0.00	431.07	-58.86	180.37	246.23	-77.15	43.11	-22.23	-37.82	-46.61	48.57	23.81	-2.55	-0.39	16.26	-21.11
MRBLD1FB42P75_COS		2512.87	439.23	145.53	1102.50	-224.14	-70.37	-124.15	-100.36	-109.04	-94.68	5.95	-6.38	10.99	1.81	-16.05	49.96
MRBLD1FB42P75_SIN		0.00	-511.37	534.12	503.90	501.50	174.15	-32.06	-103.25	-33.18	-70.25	-40.03	-12.93	8.10	13.27	-40.11	28.27
MRBLD1FB70_COS		700.44	98.74	43.16	321.65	-60.99	-25.35	-24.52	-4.02	-3.23	-0.22	2.77	1.44	0.30	0.99	2.90	-9.51
MRBLD1FB70_SIN		0.00	-269.50	201.42	159.96	149.28	25.77	-4.74	-13.77	2.33	4.92	1.73	2.64	1.53	-0.75	7.99	-7.13
MRBLD1FB87_COS		99.56	112.26	-16.95	171.12	-46.62	-12.34	-0.08	7.38	16.95	18.95	1.68	3.72	-1.70	0.44	5.08	-10.07
MRBLD1FB87_SIN		0.00	-339.58	142.02	104.26	55.89	3.02	1.21	8.33	2.70	13.32	11.58	4.91	-0.23	-1.62	11.06	-2.47
MRBLD1FB120_COS		-298.65	133.94	-99.15	180.03	-29.58	-6.00	9.97	2.63	-1.72	-8.13	-9.39	-9.16	-2.72	-2.35	-7.00	15.16
MRBLD1FB120_SIN		0.00	-500.05	142.65	221.33	6.24	3.64	20.37	26.59	1.08	-5.51	-8.46	-7.10	-3.47	-1.83	-17.58	3.68
MRBLD1FB164_COS		148.30	181.23	-126.77	134.24	153.42	45.96	27.46	1.99	-3.14	13.29	8.57	6.15	-1.43	-2.08	2.51	-8.20
MRBLD1FB164_SIN		0.00	-625.12	353.23	258.17	-39.22	-48.49	-43.32	-40.94	-0.75	10.06	11.16	7.17	1.96	-2.73	8.09	0.53

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		61.13	5.93	-72.27	14.48	118.09	39.46	9.55	-0.54	4.36	35.14	5.61	-8.72	-16.46	-7.86	-7.18	18.42
MRBLD1FB180_SIN		0.00	-437.30	270.67	115.43	-37.59	-23.56	-38.67	-40.35	3.64	28.76	28.99	2.61	-13.71	-6.92	-19.94	3.28
MRBLD1TOR51_COS		-1444.63	250.70	-119.83	57.12	49.73	-20.87	5.46	-22.40	-5.77	3.06	2.06	-1.83	-1.76	0.04	2.73	1.16
MRBLD1TOR51_SIN		0.00	-60.02	258.64	-17.25	53.10	23.89	-57.31	-19.90	-5.46	7.60	3.26	0.07	-4.38	-3.03	-6.02	3.62
MRBLD1TOR71_COS		-306.45	270.19	-147.34	28.98	57.54	-4.77	15.33	-18.28	-1.45	5.04	0.72	-1.83	-0.80	0.73	1.95	0.07
MRBLD1TOR71_SIN		0.00	-73.82	225.80	-66.25	12.82	23.78	-48.58	-12.33	-0.73	9.54	6.49	2.54	-4.36	-2.87	-1.87	2.49
MRBLD1TOR130_COS		-46.51	242.93	-145.15	-17.54	71.64	-0.10	16.37	-11.85	-1.23	2.95	4.82	0.47	0.90	-0.39	-2.03	-1.56
MRBLD1TOR130_SIN		0.00	-29.83	163.65	-90.73	-11.78	18.46	-39.69	-15.82	-2.64	-2.52	2.88	4.21	2.19	1.22	4.60	0.18
MRBLD1TOR164_COS		-287.99	136.13	-98.69	-42.95	23.07	-6.23	2.94	-6.23	0.63	2.32	-0.36	-0.93	0.30	-0.80	0.16	0.15
MRBLD1TOR164_SIN		0.00	42.07	61.04	-116.22	-10.90	17.83	-20.34	-8.23	2.11	2.06	0.26	-0.05	-0.19	-0.90	-0.70	2.32
MRFBM2CB26P5_COS		2572.78	-1596.98	-283.37	-72.17	-60.54	-19.58	14.87	5.70	-0.73	-5.61	1.66	1.36	-0.82	0.27	-0.07	-2.23
MRFBM2CB26P5_SIN		0.00	-715.26	86.98	157.68	120.18	-6.43	-5.36	-1.89	4.18	-2.45	-5.06	0.97	-0.37	0.74	-1.79	0.02
MRFBM2FB9_COS		1139.39	-89.67	-213.41	-193.21	54.71	25.50	10.55	0.33	2.11	1.66	-1.24	-0.10	0.54	0.68	-1.25	0.99
MRFBM2FB9_SIN		0.00	-112.52	-261.24	-248.58	-63.15	-5.92	9.67	6.84	4.40	3.16	1.31	0.69	-0.47	0.00	0.86	-2.12
MRFBM2TOR26P5_COS		-107.52	337.94	-1.58	0.22	0.98	-0.02	0.76	0.36	0.16	0.20	0.00	0.13	0.07	0.01	-0.07	0.06
MRFBM2TOR26P5_SIN		0.00	-12.91	-0.24	-1.74	-0.17	-0.05	-0.14	-0.16	-0.12	0.03	0.00	0.11	0.06	0.15	-0.07	-0.14

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		784.73	-1400.75	519.78	-59.83	-57.33	-133.82	-84.09	8.14	2.77	-12.19	-3.74	0.36	11.60	-3.50	0.43	-2.65
MRPC1CB33P25_SIN		0.00	1865.66	-32.28	62.47	196.39	-17.31	-5.75	-27.91	-10.50	-2.11	-44.90	-10.69	14.94	11.69	-15.58	29.87
MRPC1FB33P25_COS		1918.43	375.77	-14.65	847.50	-280.42	-108.53	-91.21	-39.93	-63.05	-27.72	32.16	8.11	5.17	-10.66	23.60	3.33
MRPC1FB33P25_SIN		0.00	-239.97	438.06	611.85	379.39	115.81	-67.40	-135.76	-82.61	-106.24	-28.84	-12.13	13.91	10.72	-37.08	63.47
MRPC1TOR25P5_COS		-288.43	-177.83	103.04	-20.13	-61.84	23.31	-6.10	22.28	6.95	1.49	3.36	4.89	4.88	-1.46	-3.07	-3.86
MRPC1TOR25P5_SIN		0.00	-262.22	-265.74	41.24	-34.93	-29.90	67.36	18.94	0.78	-14.86	-4.81	4.21	9.22	5.09	9.97	5.32
MRPLK1LOAD_COS		12.34	-27.58	12.55	-5.62	-9.49	5.37	-1.83	2.84	1.79	0.71	0.97	0.14	0.54	-0.17	-0.63	-0.94
MRPLK1LOAD_SIN		0.00	-28.62	-37.39	2.33	-4.71	-4.46	8.76	2.55	0.66	-1.45	-0.28	0.19	1.02	0.74	1.94	1.36
PITCHRH_COS		10599.44	-9188.15	-729.48	97.37	32.10	-2073.96	-78.20	-83.72	-4.10	-85.61	136.43	-2.18	-11.69	4.66	-30.55	-57.79
PITCHRH_SIN		0.00	869.12	-523.52	9.00	-80.00	1024.30	183.37	0.50	142.27	10.87	-421.45	-18.70	-23.75	-2.76	0.36	69.71
ROLLRH_COS		5421.97	-996.04	496.98	-193.62	350.90	-2100.60	-112.90	21.45	-234.86	94.73	206.53	12.89	-22.07	-64.42	31.85	250.23
ROLLRH_SIN		0.00	-9406.85	-704.05	143.44	-82.53	18.84	-87.25	-101.83	57.53	-118.99	13.54	-41.83	-25.53	8.91	-50.51	194.88
TORQ_COS		127399.92	332.52	-28.61	25.46	-127.32	159.02	17.03	-27.42	-3.12	0.02	7.78	-2.10	2.92	-0.04	-5.64	8.88
TORQ_SIN		0.00	1182.31	-34.05	118.01	-170.44	-22.81	7.23	45.91	-9.69	-4.05	25.10	3.25	-5.25	4.56	-1.82	-1.40
THRUST_COS		6959.84	-77.70	-41.00	21.53	19.77	64.27	9.27	10.11	-3.20	1.83	5.76	2.28	1.41	-2.71	3.48	-15.13
THRUST_SIN		0.00	-247.11	10.25	2.69	23.86	-63.30	7.35	17.99	-1.53	-0.35	32.13	1.72	-1.22	-0.01	6.10	-27.02

RUN	POINT	Harmonics															
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.71	42.18	-3.25	-2.88	-6.51	36.82	14.19	-0.65	2.65	-3.39	-7.49	-1.01	0.64	1.82	-1.16	-6.87
SIDERH_SIN		0.00	237.33	14.37	3.47	42.55	-39.00	1.06	1.53	-1.70	6.14	-4.82	1.94	0.69	0.00	1.16	-5.20
DRAGRH_COS		-98.07	245.49	3.74	2.36	5.90	290.50	-18.08	-5.03	-3.13	2.84	-19.44	1.60	1.48	-0.08	1.66	5.03
DRAGRH_SIN		0.00	-45.80	2.92	-5.15	-14.54	-122.67	-14.31	4.85	-6.83	1.49	15.66	1.46	2.04	0.03	0.42	-3.78

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.03	-0.01	0.00	0.01	0.00	0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.01	0.00	0.00	0.00	0.01	0.01	-0.01	-0.03	0.01	-0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-32.97	-20.82	3.47	-1.75	0.52	-0.12	0.37	-0.23	0.57	0.23	0.35	0.24	0.04	-0.02	-0.13	-0.13
ACT1FORCE_SIN		0.00	1.91	2.41	-1.36	4.08	0.13	1.25	0.10	0.55	-0.13	-0.45	0.17	-0.27	0.10	0.09	-0.19
FA1IBCURRENT_COS		-0.01	0.00	0.07	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		421.18	130.80	36.22	24.57	-5.94	0.14	-7.02	0.05	0.03	-0.14	0.21	0.03	-0.01	-0.09	-0.11	0.09
FA1IBVOLTAGE_SIN		0.00	-23.31	279.29	3.42	-32.72	-6.35	-13.19	-0.12	0.10	0.16	0.14	-0.04	0.04	-0.07	0.02	0.01
FA1OBCURRENT_COS		0.02	0.00	-0.07	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		384.57	-130.91	-36.62	-24.29	6.00	-0.14	7.04	-0.10	-0.11	0.14	-0.19	-0.02	0.03	0.09	0.11	-0.08
FA1OBVOLTAGE_SIN		0.00	23.48	-279.81	-3.39	33.30	6.37	13.01	0.13	-0.19	-0.16	-0.13	0.03	-0.04	0.08	-0.02	0.00
MRBLD1CB42P75_COS		379.10	-2263.69	-426.46	206.40	273.84	-121.55	38.51	-35.33	14.01	-17.35	59.27	12.81	-2.99	13.79	-10.04	-27.40
MRBLD1CB42P75_SIN		0.00	-2108.95	251.95	-1.13	116.60	-108.41	-96.84	46.11	-3.74	27.96	-60.25	-0.41	-15.52	3.57	-9.72	12.72

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5031.11	-1747.44	-210.69	361.73	491.50	-138.72	46.55	-25.47	7.81	-8.23	18.97	12.73	-4.36	8.08	-10.73	-25.85
MRBLD1CB70_SIN		0.00	-1513.68	337.03	-104.16	-63.37	-229.23	-83.80	22.90	-5.97	31.88	-50.26	-0.11	-10.72	-1.79	-11.86	25.43
MRBLD1CB120_COS		-61.93	-1197.08	-175.31	204.58	537.07	-85.07	51.38	-15.52	-32.57	-4.59	-41.03	-8.03	-0.43	1.39	5.90	-3.36
MRBLD1CB120_SIN		0.00	-737.23	275.46	-208.47	-77.97	-255.05	-23.44	49.24	8.14	-29.20	35.47	-5.42	-0.98	-1.10	-2.18	-0.80
MRBLD1CB164_COS		-1990.86	-448.80	-38.55	53.60	207.85	-30.70	14.96	1.88	-34.99	-6.10	-28.13	-14.09	1.88	-1.20	0.92	16.28
MRBLD1CB164_SIN		0.00	-229.65	107.78	-186.40	-1.01	-127.53	9.54	10.97	12.61	-34.69	41.81	-5.54	2.82	0.06	15.16	-14.89
MRBLD1FB42P75_COS		2488.47	557.93	-424.29	-536.61	316.02	-120.35	-2.18	61.88	44.43	-121.55	76.41	4.35	-6.88	10.01	-24.05	-1.90
MRBLD1FB42P75_SIN		0.00	474.64	-469.20	-1113.58	481.89	167.99	-105.72	219.44	102.83	0.99	-55.33	-3.14	-2.63	-7.04	-27.83	46.86
MRBLD1FB70_COS		702.65	290.87	-140.94	-162.17	89.32	-30.12	0.04	-0.93	7.97	1.04	-1.11	-3.35	0.32	0.19	4.61	1.05
MRBLD1FB70_SIN		0.00	33.12	-171.44	-340.67	135.01	21.76	-22.31	35.50	2.46	4.57	1.52	0.17	-2.48	-0.50	6.43	-9.65
MRBLD1FB87_COS		100.73	352.54	-53.45	-82.18	24.65	-13.62	0.35	-1.78	-8.69	23.81	-16.57	-3.72	1.52	-0.58	6.40	-2.42
MRBLD1FB87_SIN		0.00	35.90	-132.04	-200.53	73.09	-1.92	0.50	-19.36	-14.38	-0.16	15.35	2.11	-1.38	1.46	7.84	-8.55
MRBLD1FB120_COS		-299.55	506.56	30.38	-15.63	4.60	-13.42	-11.16	4.52	-5.26	-7.50	3.73	8.96	0.62	-3.21	-9.70	3.39
MRBLD1FB120_SIN		0.00	13.62	-158.82	-284.93	34.52	-9.63	11.91	-59.39	2.54	-2.95	-11.79	-4.70	6.16	-0.05	-13.33	12.56
MRBLD1FB164_COS		134.68	667.58	-141.45	93.94	42.48	59.07	22.99	-14.91	8.17	12.39	-8.50	-7.59	1.78	-0.42	3.08	-2.78
MRBLD1FB164_SIN		0.00	41.71	-399.59	-245.61	-175.86	-22.79	24.65	86.11	1.56	5.65	12.67	4.95	-4.97	4.84	4.46	-5.27

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		51.78	444.55	-149.22	99.19	17.39	50.95	17.22	-6.12	1.67	41.40	-34.50	5.73	10.75	-9.46	-10.33	5.45
MRBLD1FB180_SIN		0.00	-86.15	-296.92	-72.90	-136.92	-3.71	11.16	74.29	0.29	3.96	36.03	-7.68	18.67	5.02	-15.91	14.19
MRBLD1TOR51_COS		-1450.73	165.36	-103.76	-17.79	56.78	-32.00	36.28	10.89	2.00	6.53	-7.90	1.65	0.83	-3.58	1.13	-2.36
MRBLD1TOR51_SIN		0.00	243.57	-361.85	7.10	-42.80	20.05	15.81	43.27	12.82	2.37	-0.20	-0.64	4.59	-0.63	-5.67	2.70
MRBLD1TOR71_COS		-314.16	172.45	-63.00	-28.23	31.72	-17.85	29.05	12.25	2.56	10.32	-11.45	0.63	-0.03	-2.97	1.19	-1.87
MRBLD1TOR71_SIN		0.00	269.20	-335.66	57.37	-65.77	23.36	24.05	29.37	5.98	3.38	2.47	-1.55	4.21	-0.91	-1.74	1.34
MRBLD1TOR130_COS		-54.71	122.99	-41.12	-3.21	19.21	-9.36	24.89	5.15	2.91	0.90	2.47	-1.93	0.23	2.29	-1.69	-0.90
MRBLD1TOR130_SIN		0.00	252.95	-272.26	106.87	-87.09	20.39	21.04	29.93	5.33	-4.31	5.79	-3.07	-1.58	1.01	5.02	-1.78
MRBLD1TOR164_COS		-290.03	17.08	-2.47	-14.49	-5.41	-10.55	12.51	6.60	1.80	3.97	-2.23	1.87	-0.96	0.52	-0.64	-1.13
MRBLD1TOR164_SIN		0.00	158.85	-137.93	128.26	-32.55	16.08	5.22	12.48	-0.96	1.09	1.28	-1.41	0.26	1.08	-0.48	0.76
MRFBM2CB26P5_COS		2766.95	770.98	209.18	150.27	81.47	-16.85	-5.32	-0.43	0.46	-5.34	12.47	-0.82	0.17	0.24	-0.70	0.16
MRFBM2CB26P5_SIN		0.00	-1480.12	-176.20	-102.54	73.81	-7.92	0.68	2.59	-2.01	2.60	1.16	0.33	0.38	-0.37	-0.28	-1.78
MRFBM2FB9_COS		1107.19	-19.69	336.24	-10.77	-26.52	26.36	-7.76	5.68	2.21	3.49	-3.13	-0.55	-0.39	-0.09	-0.73	1.90
MRFBM2FB9_SIN		0.00	249.47	176.31	315.62	-75.66	0.21	7.07	-10.57	-4.83	2.42	-0.23	-0.07	-0.01	-0.45	1.14	0.04
MRFBM2TOR26P5_COS		-103.87	94.95	2.47	-1.33	-0.16	-0.27	-0.15	-0.23	-0.10	0.31	-0.13	-0.31	-0.04	0.21	-0.07	0.13
MRFBM2TOR26P5_SIN		0.00	341.63	0.24	0.43	-1.40	0.17	0.66	0.11	-0.09	-0.07	-0.07	0.13	-0.11	0.06	-0.10	0.00

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		802.62	-1868.27	-371.77	98.99	124.44	-77.85	18.26	-19.50	1.39	-16.96	45.10	6.19	-6.03	11.04	-5.25	-25.14
MRPC1CB33P25_SIN		0.00	-1492.15	205.08	64.66	167.50	-34.25	-83.94	49.78	-5.77	-2.24	-42.00	-1.64	-11.49	2.47	-11.94	9.29
MRPC1FB33P25_COS		1904.26	277.67	-210.52	-263.31	172.88	-141.10	34.13	-36.84	-19.90	-89.17	91.91	3.56	-6.00	12.20	11.00	-47.22
MRPC1FB33P25_SIN		0.00	443.41	-456.43	-1031.93	462.96	97.30	-88.98	210.72	97.02	-69.40	4.36	4.47	-7.05	3.40	-36.14	28.06
MRPC1TOR25P5_COS		-272.13	190.23	129.03	3.38	-49.80	37.96	-45.66	-13.17	-4.84	-6.89	17.28	-5.30	-2.11	7.16	-1.71	-6.63
MRPC1TOR25P5_SIN		0.00	-255.52	365.03	-55.92	63.78	-22.90	-18.17	-42.28	-12.34	-10.72	4.43	-1.01	-8.60	2.04	10.92	-2.14
MRPLK1LOAD_COS		15.49	19.40	19.72	0.45	-7.08	7.50	-5.16	-1.43	-0.26	-0.14	2.50	0.10	-0.25	1.15	-0.59	-1.69
MRPLK1LOAD_SIN		0.00	-36.43	49.87	-3.04	10.23	-2.56	-3.14	-5.78	-2.35	-1.10	1.69	-0.37	-0.77	0.38	2.10	-0.55
PITCHRH_COS		5371.30	-2918.55	633.58	-80.33	-69.38	-2138.62	-331.23	34.51	82.47	13.41	308.83	43.37	18.66	0.99	13.35	-59.46
PITCHRH_SIN		0.00	-8854.38	-43.83	-110.22	-130.80	1566.90	-44.05	-26.49	-141.51	61.85	-258.13	9.83	39.96	-28.59	16.70	-50.46
ROLLRH_COS		1600.19	8926.51	-78.96	219.27	19.31	-2303.36	27.24	3.40	220.87	-81.03	105.74	54.76	22.35	5.49	15.78	-13.49
ROLLRH_SIN		0.00	-3166.29	592.29	16.46	-276.18	-1405.90	-177.23	83.25	118.44	-49.87	95.07	15.77	25.59	42.51	-34.39	189.04
TORQ_COS		130246.11	-1206.60	11.22	162.53	-212.11	130.06	-6.72	1.65	0.11	-1.96	-41.90	-5.39	-1.81	5.00	-4.09	4.25
TORQ_SIN		0.00	548.38	27.03	-126.76	4.77	-84.03	18.83	-50.35	3.74	-3.55	15.24	-5.22	4.31	1.04	-0.84	5.54
THRUST_COS		6828.96	252.90	8.52	-5.98	28.21	86.53	-8.00	-19.07	-0.82	0.46	-39.07	-3.43	-1.11	1.33	2.70	13.59
THRUST_SIN		0.00	-146.66	-40.89	-26.25	4.49	-53.23	9.59	-12.81	1.29	-0.87	29.55	-2.59	-0.82	2.92	6.96	-26.54

RUN	POINT	Harmonics															
63	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-182.97	-220.79	3.78	3.89	49.48	121.84	0.82	1.37	-5.98	4.93	0.40	-2.15	-0.68	-0.39	-0.73	0.24
SIDERH_SIN		0.00	97.25	-2.16	-3.84	11.37	33.63	19.86	-3.14	-0.82	2.93	-6.12	-0.67	-0.01	-1.01	0.60	-4.56
DRAGRH_COS		-172.57	101.58	-2.32	-5.76	-10.78	54.24	29.70	0.13	-0.81	-1.24	-15.86	-1.82	-0.56	-0.03	-0.79	4.74
DRAGRH_SIN		0.00	230.81	-7.41	0.61	-10.78	-150.63	-27.32	-4.59	2.03	-2.92	-1.51	1.54	-1.98	1.24	-0.05	3.96

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-0.05	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.01	0.00	0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.00	-1.48	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	-0.01	0.00	0.01	-0.01	0.00
ACT1DISP_COS		2.64	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.61	-2.44	-3.70	2.61	-2.28	-0.14	-0.52	-0.19	-0.15	-0.21	0.06	-0.05	0.13	-0.22	0.54	-0.11
ACT1FORCE_SIN		0.00	21.09	-7.68	-1.73	3.98	0.03	-0.58	0.07	0.56	-0.09	0.68	-0.14	0.03	0.26	-0.15	-0.10
FA1IBCURRENT_COS		-0.01	-0.02	-0.06	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		424.95	0.71	-46.78	-16.12	15.50	-3.58	6.05	-0.04	-0.03	-0.05	-0.11	0.02	0.02	-0.03	0.08	0.04
FA1IBVOLTAGE_SIN		0.00	-138.38	-246.38	29.35	-34.15	1.93	6.50	-0.04	0.06	-0.10	-0.01	-0.03	0.00	-0.04	0.01	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		380.78	-0.64	47.14	16.10	-15.38	3.59	-6.15	0.04	-0.03	0.05	0.09	0.00	-0.02	0.03	-0.08	-0.03
FA1OBVOLTAGE_SIN		0.00	138.51	246.84	-29.14	34.63	-1.96	-6.34	-0.01	-0.07	0.09	0.00	0.03	0.00	0.05	-0.02	0.01
MRBLD1CB42P75_COS		253.64	-2211.00	468.59	-126.10	46.18	-126.74	-110.64	29.77	14.68	-31.29	6.62	-13.61	2.13	-1.07	-19.73	7.08
MRBLD1CB42P75_SIN		0.00	1835.36	6.07	163.72	162.48	-38.77	-15.63	-89.18	28.12	4.43	-78.61	-9.59	11.82	11.70	0.39	28.55

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4949.80	-1635.31	297.64	-102.89	252.14	-206.74	-153.47	15.23	14.26	-23.21	-22.77	-10.59	3.40	1.11	-16.59	21.12
MRBLD1CB70_SIN		0.00	1422.55	-170.80	324.65	164.09	-145.94	-30.64	-52.98	15.56	17.81	-45.96	-10.14	7.52	6.39	-2.90	32.23
MRBLD1CB120_COS		-84.80	-897.40	250.60	77.30	265.24	-186.92	-124.80	5.37	-4.16	7.60	1.09	1.60	2.20	3.32	4.73	-0.39
MRBLD1CB120_SIN		0.00	1010.32	-143.15	247.31	232.72	-201.39	-59.88	-58.17	-37.74	-23.69	55.81	8.65	-2.52	3.57	-6.59	2.52
MRBLD1CB164_COS		-1993.29	-306.68	56.60	136.97	75.29	-90.85	-33.09	-6.24	-12.39	8.94	16.41	3.23	-1.62	1.96	7.56	-12.82
MRBLD1CB164_SIN		0.00	380.13	-80.05	126.02	114.38	-114.00	-33.14	1.26	-47.71	-30.36	56.87	13.44	-3.55	-1.41	9.61	-20.60
MRBLD1FB42P75_COS		2519.59	505.78	230.28	1119.41	-219.79	-12.68	-125.20	-107.65	-91.92	-124.16	47.62	-12.50	1.23	10.22	-28.33	47.50
MRBLD1FB42P75_SIN		0.00	-429.22	630.31	129.88	601.75	203.60	45.23	-299.32	19.14	-54.00	-102.45	1.17	-3.02	0.94	0.02	7.01
MRBLD1FB70_COS		704.89	101.91	63.66	349.91	-67.03	-8.97	-27.12	-6.59	-1.39	-3.22	0.22	2.05	0.90	-0.62	5.96	-9.22
MRBLD1FB70_SIN		0.00	-265.78	228.85	31.79	162.04	32.32	7.07	-48.03	8.37	5.18	1.78	2.03	2.27	0.46	0.44	-2.35
MRBLD1FB87_COS		102.31	115.77	-5.29	204.59	-47.92	-12.44	1.04	7.42	14.47	24.81	-7.98	6.11	1.16	-1.70	6.57	-9.40
MRBLD1FB87_SIN		0.00	-329.70	148.49	25.54	72.86	1.61	-5.46	25.84	-5.45	11.44	24.43	0.78	2.48	1.48	1.61	1.12
MRBLD1FB120_COS		-300.26	123.67	-97.08	234.87	-17.35	-30.53	16.64	8.01	-6.45	-4.62	-3.58	-10.35	-4.77	0.64	-9.50	14.18
MRBLD1FB120_SIN		0.00	-489.01	133.77	120.60	36.04	-2.96	-2.71	78.05	-7.33	-7.09	-11.49	-3.96	-6.23	-5.41	-4.15	-1.26
MRBLD1FB164_COS		128.74	190.30	36.72	99.55	186.42	46.52	19.07	2.15	0.63	6.13	-3.41	12.58	3.15	-7.00	1.92	-6.01
MRBLD1FB164_SIN		0.00	-672.92	460.39	204.11	-104.04	-37.51	-16.73	-109.11	12.74	13.27	15.20	1.39	7.47	3.17	-1.89	1.05

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		47.89	15.43	85.42	-30.35	123.45	54.97	9.76	-10.41	-1.07	40.93	-12.96	-5.47	-16.68	-5.03	-10.99	17.05
MRBLD1FB180_SIN		0.00	-482.40	362.81	130.42	-96.40	-23.62	-3.71	-93.57	1.38	20.72	55.97	-0.55	-12.89	-8.85	-6.11	-1.34
MRBLD1TOR51_COS		-1458.45	288.14	32.84	-41.81	66.60	-13.44	18.43	-21.96	-10.25	7.58	-3.00	-5.29	-1.69	0.08	-0.56	2.09
MRBLD1TOR51_SIN		0.00	-149.11	428.65	-1.56	-9.73	30.33	-33.88	-53.85	0.87	3.15	11.14	1.22	-5.95	-3.83	-4.91	4.04
MRBLD1TOR71_COS		-318.76	309.77	1.61	-69.82	72.19	-0.99	28.99	-22.21	-5.30	10.89	-5.47	-4.73	-1.10	0.56	0.57	0.94
MRBLD1TOR71_SIN		0.00	-149.27	380.87	-35.49	-37.75	27.30	-28.14	-33.59	2.50	6.98	13.75	2.96	-4.97	-2.50	-2.50	2.84
MRBLD1TOR130_COS		-61.10	285.95	9.34	-119.77	80.90	5.93	22.96	-11.90	-4.15	3.28	8.24	-2.97	-0.80	-0.08	-0.84	-1.68
MRBLD1TOR130_SIN		0.00	-106.32	309.62	-35.33	-60.30	20.94	-22.66	-34.75	4.71	-4.26	3.44	5.22	2.04	3.01	3.28	-0.23
MRBLD1TOR164_COS		-295.65	169.45	1.55	-112.58	17.10	2.24	5.96	-9.37	1.45	4.03	-2.60	-0.58	-0.12	-0.37	-2.37	1.60
MRBLD1TOR164_SIN		0.00	-9.87	153.16	-60.66	-34.50	17.77	-10.46	-14.12	3.25	4.13	-0.56	-0.24	1.13	1.38	-0.88	0.26
MRFBM2CB26P5_COS		2686.36	-1232.32	-262.17	25.31	11.84	-20.61	2.83	2.27	0.82	-5.48	11.43	0.26	-0.43	0.41	-0.89	-2.53
MRFBM2CB26P5_SIN		0.00	-917.58	36.71	173.48	57.41	-5.19	16.50	-3.26	1.83	-0.08	-6.34	0.73	-0.01	0.22	-0.98	-0.61
MRFBM2FB9_COS		1114.31	50.08	-243.46	-232.68	50.17	20.66	8.58	-7.56	3.57	2.37	-2.89	0.44	0.26	0.27	0.18	0.10
MRFBM2FB9_SIN		0.00	8.84	-338.01	-157.98	-65.16	-10.65	10.08	15.69	2.64	3.95	1.00	0.99	0.02	-0.07	1.06	-2.07
MRFBM2TOR26P5_COS		-108.22	336.54	-3.89	0.64	-0.10	0.05	0.84	0.22	0.26	0.33	-0.08	0.19	0.05	-0.02	-0.05	0.05
MRFBM2TOR26P5_SIN		0.00	-13.05	-1.42	-0.65	-1.72	0.55	0.23	-0.06	-0.03	0.06	0.15	0.12	0.13	0.12	-0.09	-0.11

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		717.97	-1606.61	418.87	-124.27	-52.74	-61.37	-79.40	12.79	16.56	-18.09	13.34	-9.02	4.05	0.58	-13.67	3.21
MRPC1CB33P25_SIN		0.00	1550.33	6.49	57.28	156.48	6.99	-5.52	-83.61	13.85	-18.09	-57.58	-2.13	6.39	11.04	-2.83	24.70
MRPC1FB33P25_COS		1928.18	421.91	29.95	928.29	-301.12	-67.22	-123.79	33.21	-72.74	-58.97	98.57	-6.68	5.94	4.41	-17.86	21.02
MRPC1FB33P25_SIN		0.00	-164.66	522.85	303.05	456.64	154.77	-3.41	-295.30	-34.02	-109.20	-49.17	-7.87	-0.97	10.94	-21.82	49.89
MRPC1TOR25P5_COS		-277.08	-221.44	-61.80	92.82	-83.27	18.94	-22.27	25.44	11.85	-4.68	12.96	5.29	2.66	-0.43	-2.25	-2.40
MRPC1TOR25P5_SIN		0.00	-167.77	-444.06	15.51	27.61	-34.41	43.08	50.09	-2.26	-9.60	-16.06	3.61	10.80	9.02	8.24	3.04
MRPLK1LOAD_COS		14.07	-33.22	-9.35	9.91	-12.95	4.22	-4.06	3.57	2.43	-0.02	2.33	-0.08	0.00	-0.10	-0.41	-0.48
MRPLK1LOAD_SIN		0.00	-15.85	-60.62	-1.01	3.92	-5.27	5.32	7.37	0.45	-0.63	-1.93	0.09	1.40	1.77	1.30	0.90
PITCHRH_COS		7798.91	-9242.33	-285.60	146.06	39.33	-544.88	86.89	-105.31	79.11	86.47	-71.21	-31.88	41.38	-25.70	15.11	-140.16
PITCHRH_SIN		0.00	791.33	-306.60	-72.87	-102.94	2600.20	297.52	27.54	-25.59	10.57	-423.16	-44.03	4.24	-38.03	20.46	136.96
ROLLRH_COS		2515.75	-975.51	471.17	-56.54	148.45	-3317.08	-127.98	45.96	-107.38	-54.15	104.42	-14.20	-27.96	-43.17	56.12	147.12
ROLLRH_SIN		0.00	-9312.86	-140.63	216.78	-185.53	-163.42	90.02	-86.09	57.13	-3.60	-39.87	-46.16	19.31	35.43	0.97	-28.60
TORQ_COS		128448.95	283.83	12.84	90.36	-103.19	45.82	9.47	-8.68	-5.06	-0.93	-29.10	-0.92	3.08	-1.53	-2.92	8.95
TORQ_SIN		0.00	1251.83	-57.17	217.79	-81.15	-165.59	10.66	69.43	-12.44	-4.50	39.71	3.11	-4.59	5.51	-0.92	-2.29
THRUST_COS		6876.56	-87.57	-5.39	32.97	15.41	41.78	13.81	23.80	2.84	-0.33	-15.53	-0.66	-0.35	-1.01	0.48	-25.36
THRUST_SIN		0.00	-266.11	43.14	-1.06	15.76	-101.16	8.03	20.40	2.93	-0.06	43.41	2.20	-0.65	1.46	0.63	-22.91

RUN	POINT	Harmonics															
63	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.72	44.68	-11.15	1.58	22.34	194.94	14.45	-3.37	-1.05	3.30	-2.37	0.17	0.70	1.44	-1.78	-3.26
SIDERH_SIN		0.00	237.05	-8.10	9.35	49.96	-68.90	-13.46	2.35	-2.38	0.81	-3.31	1.22	-0.96	-1.07	-0.04	1.12
DRAGRH_COS		-126.10	245.41	-6.37	-4.97	-0.13	-173.13	-42.33	0.49	1.50	-5.50	-9.25	2.31	-2.88	1.64	-1.39	7.53
DRAGRH_SIN		0.00	-45.83	15.53	-2.08	-12.73	-13.94	-16.31	4.98	-2.07	-2.51	12.87	1.53	0.55	2.32	0.15	-7.33

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	0.00	-0.79	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	-0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	-1.26	0.00	-0.01	0.00	0.00	0.02	0.00	0.00	-0.04	0.00	-0.01	0.01	0.00	0.01
ACT1DISP_COS		2.64	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.79	-1.88	-8.25	2.36	-1.25	-0.17	-0.25	-0.46	-0.09	-0.03	1.03	-0.28	0.07	-0.14	-0.16	-0.22
ACT1FORCE_SIN		0.00	21.46	-10.04	-3.63	3.82	-0.09	1.49	0.61	0.01	0.01	-0.79	-0.05	-0.16	0.13	0.07	0.19
FA1IBCURRENT_COS		-0.01	-0.01	-0.04	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		421.73	-9.06	-155.65	-7.76	2.74	2.81	2.00	0.01	0.11	0.04	0.18	-0.02	0.04	0.00	-0.01	-0.03
FA1IBVOLTAGE_SIN		0.00	-135.00	-158.23	39.77	-33.18	0.08	-14.45	0.01	0.04	0.01	0.03	-0.07	0.07	-0.07	0.00	-0.09
FA1OBCURRENT_COS		0.02	0.02	0.05	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		383.99	9.08	156.10	7.89	-2.30	-2.86	-1.92	0.00	-0.04	-0.03	-0.18	0.01	-0.04	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	135.12	158.43	-39.63	33.25	-0.17	14.61	0.03	0.04	-0.02	-0.02	0.07	-0.05	0.06	0.00	0.09
MRBLD1CB42P75_COS		258.34	-2004.37	517.30	-134.94	21.20	-101.13	-126.19	29.36	10.62	-40.37	17.85	-25.54	8.14	-0.76	-16.67	12.92
MRBLD1CB42P75_SIN		0.00	1948.67	59.04	162.71	121.88	-63.28	-7.01	-116.26	37.77	19.68	-120.48	-28.36	8.82	6.61	7.52	28.44

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4952.64	-1515.71	320.42	-101.20	185.69	-197.84	-182.58	13.28	9.49	-27.80	-41.56	-18.51	9.20	1.79	-14.94	27.29
MRBLD1CB70_SIN		0.00	1486.60	-106.43	265.77	150.97	-163.72	5.45	-67.51	22.07	33.12	-65.26	-23.90	2.39	2.17	1.93	30.87
MRBLD1CB120_COS		-74.49	-860.55	273.53	67.21	198.97	-199.68	-152.46	18.43	-3.02	15.18	1.63	6.74	-0.90	7.20	4.94	-1.71
MRBLD1CB120_SIN		0.00	1016.48	-92.97	182.36	237.81	-196.01	-16.55	-68.78	-34.47	-34.18	67.59	20.76	-0.84	4.61	-4.01	4.33
MRBLD1CB164_COS		-1986.43	-299.62	42.09	125.68	55.56	-101.21	-47.37	1.13	-15.81	19.24	39.95	6.32	-9.43	0.44	7.47	-16.45
MRBLD1CB164_SIN		0.00	370.30	-63.74	75.92	117.97	-102.90	-19.19	11.72	-50.41	-44.96	68.38	27.46	1.51	-0.24	5.83	-20.37
MRBLD1FB42P75_COS		2514.09	455.52	312.11	956.81	-202.48	-21.24	-121.24	-122.89	-89.75	-133.17	71.36	-18.67	2.87	13.19	-6.96	52.76
MRBLD1FB42P75_SIN		0.00	-457.87	573.20	78.98	540.12	209.76	47.16	-412.55	31.26	-57.54	-196.67	9.39	-3.63	-4.38	2.60	3.45
MRBLD1FB70_COS		700.24	102.29	86.28	298.12	-63.87	-11.42	-30.04	-10.40	-1.79	-3.80	-1.34	2.25	0.33	-1.17	2.15	-10.65
MRBLD1FB70_SIN		0.00	-269.40	215.48	2.11	144.82	34.00	9.13	-67.32	10.14	6.53	1.30	2.45	2.69	1.11	-0.13	-1.04
MRBLD1FB87_COS		97.42	114.63	-1.19	175.76	-41.65	-13.54	-1.61	8.72	14.43	26.87	-12.77	9.07	1.09	-1.50	2.58	-9.89
MRBLD1FB87_SIN		0.00	-331.89	139.58	-3.30	66.86	4.33	-5.04	34.88	-7.16	11.95	46.33	-1.00	2.64	2.59	1.30	2.02
MRBLD1FB120_COS		-303.21	120.95	-108.51	206.01	-1.61	-32.50	14.89	14.22	-6.87	-4.24	-1.05	-13.17	-5.04	-0.25	-4.21	15.05
MRBLD1FB120_SIN		0.00	-480.89	121.85	67.53	40.70	1.94	-8.49	105.41	-8.61	-8.63	-15.81	-3.19	-7.54	-6.64	-3.39	-3.60
MRBLD1FB164_COS		128.64	161.85	118.98	75.66	173.42	53.81	21.52	-1.75	3.63	5.17	-8.85	15.60	4.51	-6.76	-2.79	-6.71
MRBLD1FB164_SIN		0.00	-679.90	406.05	203.44	-86.67	-41.69	-13.37	-151.27	15.66	16.71	27.10	-0.91	6.68	5.96	-1.67	0.52

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		50.61	-6.73	165.66	-37.32	109.56	61.98	11.19	-14.73	0.59	42.64	-21.79	1.11	-18.04	-5.20	-5.00	19.42
MRBLD1FB180_SIN		0.00	-492.80	317.85	152.83	-88.11	-27.59	3.34	-131.23	3.27	22.80	100.40	-0.63	-14.67	-9.83	-6.52	-2.92
MRBLD1TOR51_COS		-1464.86	274.75	172.22	-78.11	36.42	-12.21	31.95	-24.42	-17.88	5.95	-7.08	-3.52	-3.95	1.91	1.02	2.29
MRBLD1TOR51_SIN		0.00	-198.55	419.44	66.15	-35.61	22.05	-33.21	-67.24	-1.84	-1.83	9.32	3.85	-8.92	-5.14	-2.65	5.79
MRBLD1TOR71_COS		-328.54	295.41	128.46	-97.91	43.91	-0.13	42.07	-26.09	-11.97	10.58	-11.53	-1.83	-3.23	2.14	1.22	0.77
MRBLD1TOR71_SIN		0.00	-197.93	371.64	32.04	-58.63	19.93	-27.85	-41.37	-0.79	2.13	15.12	4.63	-7.58	-3.57	-0.56	4.22
MRBLD1TOR130_COS		-71.21	273.51	130.61	-134.84	51.56	7.26	32.25	-13.67	-7.83	3.00	11.28	-1.21	-1.30	0.38	-1.26	-1.70
MRBLD1TOR130_SIN		0.00	-155.87	298.62	36.15	-74.42	12.99	-22.00	-44.31	3.58	-7.80	-0.34	3.40	1.38	2.58	3.66	-0.36
MRBLD1TOR164_COS		-303.46	164.87	78.87	-115.71	1.23	0.51	8.68	-10.88	0.80	5.76	-6.76	1.06	0.83	-0.83	-2.47	2.26
MRBLD1TOR164_SIN		0.00	-46.30	150.43	-10.04	-42.45	13.37	-11.98	-17.70	2.52	4.21	3.32	-3.27	1.67	1.76	-0.30	-1.14
MRFBM2CB26P5_COS		2685.46	-1271.19	-289.78	51.18	-3.14	-18.79	10.76	0.46	1.15	-6.49	21.85	0.27	-0.78	0.64	-0.40	-1.75
MRFBM2CB26P5_SIN		0.00	-838.36	24.26	137.97	25.75	-9.03	18.78	-2.96	1.27	-0.40	-11.00	0.62	1.36	-0.46	0.04	-0.11
MRFBM2FB9_COS		1131.67	-87.43	-302.41	-199.39	47.00	22.27	9.89	-11.24	4.14	2.83	-5.51	0.76	0.02	0.10	0.06	-0.15
MRFBM2FB9_SIN		0.00	-48.17	-324.30	-128.71	-56.55	-10.32	10.83	20.71	2.20	4.03	1.95	1.64	-0.02	-0.20	0.41	-2.25
MRFBM2TOR26P5_COS		-108.60	321.65	-5.07	1.35	-0.75	-0.02	0.97	0.23	0.20	0.21	-0.20	-0.04	0.11	-0.05	-0.07	0.07
MRFBM2TOR26P5_SIN		0.00	-9.24	-1.12	-0.58	-1.82	0.59	0.34	0.06	0.00	0.12	0.11	0.21	0.10	0.10	-0.09	-0.13

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		727.91	-1430.43	468.62	-125.00	-45.27	-39.40	-86.15	10.87	19.70	-21.58	30.76	-15.94	8.29	1.90	-10.31	8.28
MRPC1CB33P25_SIN		0.00	1629.24	30.11	91.97	122.30	-9.43	-9.31	-106.39	25.31	-12.21	-94.05	-9.28	4.90	7.26	4.05	25.74
MRPC1FB33P25_COS		1923.42	381.36	103.41	805.45	-272.03	-75.22	-122.36	66.60	-74.17	-64.55	169.93	-16.31	8.02	9.57	-6.40	27.77
MRPC1FB33P25_SIN		0.00	-190.19	484.75	231.74	409.65	157.22	0.58	-389.30	-22.73	-115.56	-105.48	-7.06	-0.35	9.29	-2.97	52.23
MRPC1TOR25P5_COS		-268.67	-204.21	-208.45	128.75	-50.57	18.21	-38.04	29.23	20.89	-2.06	21.50	4.67	5.50	-1.89	-4.47	-1.11
MRPC1TOR25P5_SIN		0.00	-90.84	-433.65	-61.93	53.65	-26.41	42.75	60.62	1.54	-4.31	-17.82	-3.15	13.48	10.12	8.09	1.13
MRPLK1LOAD_COS		14.67	-30.74	-28.53	15.08	-8.42	3.98	-6.57	4.07	3.92	0.59	3.27	0.17	0.47	-0.07	-0.81	-0.33
MRPLK1LOAD_SIN		0.00	-5.49	-58.62	-11.53	7.45	-4.16	5.55	8.92	0.81	-0.18	-2.06	-1.32	1.60	1.79	1.52	0.65
PITCHRH_COS		9529.10	-9280.54	-97.35	182.90	16.57	-392.85	159.92	-77.72	-13.14	101.29	-65.41	-6.12	85.22	-27.91	-3.09	-105.04
PITCHRH_SIN		0.00	740.80	-493.77	-119.96	-124.58	2066.94	313.28	46.73	112.32	-41.57	-345.08	18.11	-57.94	11.18	24.35	185.25
ROLLRH_COS		3505.23	-958.13	673.33	-30.97	78.15	-3128.91	-128.36	44.71	-192.69	45.26	90.92	-25.69	59.21	-22.23	73.95	88.38
ROLLRH_SIN		0.00	-9283.42	-17.28	212.01	-109.81	221.74	14.90	-117.80	118.16	-30.59	-33.39	-56.29	-1.45	-10.96	-21.68	38.17
TORQ_COS		128194.97	323.13	10.16	166.89	-63.43	-19.37	7.06	1.66	-11.07	-3.70	-66.77	-2.72	3.14	-1.22	-4.22	9.14
TORQ_SIN		0.00	1235.73	-67.01	225.54	-49.23	-121.49	13.16	75.20	-13.94	-3.78	71.36	3.40	-8.95	4.75	-5.09	-3.66
THRUST_COS		6903.63	-97.09	9.78	35.24	6.17	36.16	10.80	27.52	1.06	-4.72	-38.05	-4.67	-7.55	-0.11	-3.63	-32.31
THRUST_SIN		0.00	-266.73	38.09	-11.34	14.90	-105.30	9.70	18.38	-1.90	-1.97	65.35	0.12	-2.83	3.25	2.81	-18.60

RUN	POINT	Harmonics															
63	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.06	43.02	-16.40	7.12	27.23	188.51	15.53	-2.75	0.81	-0.54	1.30	0.38	-2.03	0.69	-2.14	-1.52
SIDERH_SIN		0.00	236.17	-10.22	3.73	30.08	-116.00	-13.48	3.79	-4.58	2.87	-4.60	2.04	0.03	0.34	0.66	-1.40
DRAGRH_COS		-95.90	245.21	-3.85	-4.69	2.33	-140.40	-49.33	-0.04	1.64	-7.29	-9.33	1.10	-1.94	1.80	-0.35	4.70
DRAGRH_SIN		0.00	-44.31	22.41	0.15	-5.57	85.39	-16.18	1.45	-5.45	4.63	12.67	-0.20	5.95	-0.46	0.10	-9.46

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.30	-0.01	0.00	0.00	0.00	-0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	-0.01	-0.69	0.01	0.00	0.00	-0.01	0.02	0.00	0.00	0.00	0.01	-0.01	0.01	-0.01	0.01
ACT1DISP_COS		2.64	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.54	-1.37	-12.71	1.35	-0.72	-0.70	2.17	-0.65	-0.44	-0.14	-0.10	0.18	-0.04	0.04	-0.21	-0.09
ACT1FORCE_SIN		0.00	21.63	-10.17	-4.69	3.97	-0.34	1.28	0.89	-0.10	-0.27	-0.31	0.36	-0.08	0.21	-0.44	0.10
FA1IBCURRENT_COS		-0.01	-0.01	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		416.36	-6.21	-206.36	0.43	-4.14	3.73	-24.37	0.05	0.06	-0.01	-0.04	-0.05	0.07	-0.03	0.04	-0.05
FA1IBVOLTAGE_SIN		0.00	-131.84	-17.22	43.35	-25.39	-0.01	-8.88	0.02	-0.15	-0.05	-0.12	0.05	-0.05	-0.02	-0.09	-0.01
FA1OBCURRENT_COS		0.02	0.02	0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		389.35	6.09	206.73	-0.16	4.35	-3.91	24.48	0.04	0.01	-0.02	0.06	0.06	-0.06	0.02	-0.04	0.05
FA1OBVOLTAGE_SIN		0.00	132.00	17.34	-43.34	25.06	-0.02	8.93	0.01	0.03	0.03	0.13	-0.06	0.03	0.03	0.08	0.00
MRBLD1CB42P75_COS		303.21	-1952.59	567.46	-110.35	-20.82	-100.22	-135.59	43.31	5.76	-52.39	4.79	-55.21	1.86	-0.35	-11.16	13.30
MRBLD1CB42P75_SIN		0.00	2467.12	73.98	174.17	119.77	-90.02	-6.96	-109.71	53.32	32.08	-132.90	-15.11	0.37	7.72	17.43	22.94

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4969.73	-1509.14	355.03	-97.37	86.53	-218.63	-192.48	29.87	6.19	-32.61	-46.94	-42.66	1.75	0.22	-10.04	27.77
MRBLD1CB70_SIN		0.00	1822.45	-58.20	215.91	205.19	-163.86	59.62	-68.97	33.58	42.46	-65.59	-14.07	-2.37	3.52	9.24	26.74
MRBLD1CB120_COS		-83.53	-860.94	308.32	43.46	109.95	-235.23	-172.83	44.74	4.08	17.10	-0.31	16.49	-1.53	6.53	4.37	-0.45
MRBLD1CB120_SIN		0.00	1133.50	-53.84	123.14	307.83	-163.04	69.83	-78.24	-25.50	-45.37	70.52	15.11	2.51	1.79	-5.32	3.84
MRBLD1CB164_COS		-1994.16	-303.23	35.38	92.66	23.99	-125.07	-65.49	10.46	-11.15	23.30	38.98	21.39	-4.95	1.98	4.15	-16.87
MRBLD1CB164_SIN		0.00	391.21	-35.30	41.04	147.17	-82.56	20.45	6.05	-48.44	-59.00	63.72	23.70	6.65	-1.01	0.66	-18.77
MRBLD1FB42P75_COS		2499.54	423.08	363.11	743.38	-162.21	-3.51	-130.66	-75.74	-65.30	-153.46	36.58	-27.64	-6.65	13.75	8.45	42.98
MRBLD1FB42P75_SIN		0.00	-567.90	488.68	94.31	492.93	198.95	22.70	-442.65	58.70	-41.32	-207.47	27.25	-8.97	-7.12	8.46	-3.04
MRBLD1FB70_COS		703.51	95.21	95.95	226.72	-53.33	-9.33	-33.69	-2.61	1.17	-4.86	-1.99	2.07	1.31	-1.56	-0.51	-8.01
MRBLD1FB70_SIN		0.00	-260.80	190.38	-2.58	136.97	33.59	7.17	-72.25	13.61	9.02	1.95	1.93	2.41	1.31	-1.88	-0.11
MRBLD1FB87_COS		101.51	109.99	-5.75	130.27	-32.41	-13.58	-2.44	3.93	11.32	30.36	-5.19	11.25	3.37	-2.31	-1.64	-8.90
MRBLD1FB87_SIN		0.00	-323.50	127.53	-14.19	64.29	6.69	-1.22	37.76	-10.20	9.76	49.85	-6.13	4.47	3.64	0.27	3.24
MRBLD1FB120_COS		-295.54	116.23	-123.21	145.52	8.05	-35.18	15.49	3.23	-10.50	-3.85	-1.85	-14.49	-6.66	1.28	1.42	13.07
MRBLD1FB120_SIN		0.00	-464.48	117.40	45.65	35.91	5.32	-6.58	109.40	-13.94	-13.10	-18.77	0.18	-9.42	-8.25	-1.87	-6.03
MRBLD1FB164_COS		143.52	125.68	164.95	49.42	153.22	54.77	22.33	14.54	5.66	3.66	-5.33	16.62	7.30	-6.36	-7.23	-6.90
MRBLD1FB164_SIN		0.00	-676.43	308.56	218.22	-82.97	-37.50	-18.29	-153.87	23.96	20.63	30.67	-6.09	7.30	7.80	-1.64	0.50

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		61.93	-35.87	210.17	-35.93	95.73	67.31	7.84	-1.11	0.90	44.54	-6.34	7.03	-17.10	-4.31	0.97	17.42
MRBLD1FB180_SIN		0.00	-495.49	235.99	168.40	-86.88	-22.57	3.51	-135.62	10.18	23.50	105.69	-9.12	-11.53	-10.68	-2.59	-5.92
MRBLD1TOR51_COS		-1472.38	241.31	278.81	-76.69	7.80	-4.57	32.16	-19.45	-18.12	5.23	-6.94	-1.44	-6.16	1.45	-0.03	3.85
MRBLD1TOR51_SIN		0.00	-224.81	342.33	129.00	-44.47	20.90	-39.36	-68.48	2.72	-1.85	15.90	4.53	-6.47	-5.64	-1.22	5.38
MRBLD1TOR71_COS		-335.06	263.00	225.63	-88.66	17.88	6.57	43.37	-24.39	-11.80	11.13	-11.48	1.37	-5.31	1.66	0.18	2.18
MRBLD1TOR71_SIN		0.00	-230.18	299.16	93.15	-65.98	19.05	-33.15	-42.91	1.32	1.45	22.27	3.40	-4.19	-3.73	-0.12	3.83
MRBLD1TOR130_COS		-76.54	240.67	222.76	-111.96	25.73	12.76	33.73	-10.87	-6.28	1.15	8.30	-1.63	-1.91	0.18	-0.80	-1.84
MRBLD1TOR130_SIN		0.00	-189.38	226.33	96.49	-77.58	10.41	-26.05	-46.54	6.85	-8.24	0.26	1.56	3.04	3.02	2.71	-0.77
MRBLD1TOR164_COS		-309.94	145.39	139.37	-91.13	-9.88	2.44	8.20	-10.45	2.67	6.80	-7.62	0.08	1.53	-0.82	-1.55	1.37
MRBLD1TOR164_SIN		0.00	-71.74	108.81	29.27	-40.79	11.46	-14.01	-20.17	2.64	4.45	4.69	-5.93	1.91	2.70	0.46	-2.57
MRFBM2CB26P5_COS		2712.76	-1625.61	-316.65	45.86	-34.22	-11.30	23.81	-2.61	2.25	-6.20	18.00	1.08	0.16	0.64	-0.35	-1.13
MRFBM2CB26P5_SIN		0.00	-841.85	25.41	92.55	4.85	-8.53	15.24	1.41	-0.66	0.51	-15.44	-0.11	1.97	-1.44	1.72	-0.34
MRFBM2FB9_COS		1143.96	-137.03	-334.57	-147.20	43.58	21.13	12.25	-14.35	4.73	4.03	-5.37	1.87	-0.27	0.08	0.30	-0.31
MRFBM2FB9_SIN		0.00	-281.30	-278.13	-112.09	-51.67	-10.45	13.02	20.25	0.52	4.05	3.07	1.51	0.48	-0.36	-0.05	-1.79
MRFBM2TOR26P5_COS		-105.63	314.32	-5.55	1.99	-1.25	-0.07	1.19	0.19	0.12	0.29	-0.04	-0.09	0.19	-0.03	0.05	0.02
MRFBM2TOR26P5_SIN		0.00	-14.17	-0.25	-0.59	-1.53	0.68	0.28	0.18	-0.06	0.25	0.16	0.23	0.04	0.09	-0.11	-0.12

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		768.44	-1304.64	511.59	-82.05	-34.96	-37.03	-97.76	22.29	22.08	-31.24	14.32	-32.66	2.58	2.42	-4.95	8.65
MRPC1CB33P25_SIN		0.00	2014.10	15.93	133.53	95.10	-35.30	-21.26	-98.87	38.40	-8.26	-105.35	-0.45	-1.77	6.71	12.72	20.88
MRPC1FB33P25_COS		1912.37	362.51	156.43	627.89	-228.63	-59.10	-122.41	115.52	-66.83	-87.72	150.87	-34.92	4.85	13.11	-3.49	26.61
MRPC1FB33P25_SIN		0.00	-284.86	426.12	207.79	380.74	153.29	-23.24	-393.09	9.27	-114.11	-134.17	0.65	-9.90	9.98	14.52	39.88
MRPC1TOR25P5_COS		-254.91	-177.08	-320.39	121.34	-19.66	9.69	-38.69	25.81	21.87	-2.22	16.65	-0.63	6.84	-1.41	-2.39	-3.37
MRPC1TOR25P5_SIN		0.00	-47.09	-351.83	-131.81	63.55	-26.74	49.01	61.35	-2.46	-3.97	-26.18	-5.80	11.97	11.59	7.87	-0.57
MRPLK1LOAD_COS		16.61	-27.73	-43.64	14.23	-3.74	2.92	-6.95	3.32	4.33	0.78	2.09	-0.81	0.49	0.05	-0.56	-0.49
MRPLK1LOAD_SIN		0.00	0.46	-47.77	-20.65	9.21	-4.43	6.27	9.07	0.45	-0.29	-3.23	-2.22	1.93	2.31	1.34	0.19
PITCHRH_COS		10115.97	-9328.91	-10.74	123.21	26.87	-94.01	276.14	-66.73	137.81	63.47	-70.29	-38.17	-13.59	-14.57	-21.30	-180.81
PITCHRH_SIN		0.00	750.23	-609.63	-116.45	-131.65	1227.70	259.40	113.32	149.49	-173.36	-249.78	56.77	-61.75	93.89	39.96	161.24
ROLLRH_COS		7886.01	-920.05	730.33	-16.56	-6.12	-2994.49	-83.08	69.35	-256.72	99.77	83.67	-55.70	32.31	-29.91	69.97	-16.54
ROLLRH_SIN		0.00	-9317.54	-4.08	215.30	-94.68	898.45	-43.23	-121.42	129.81	-11.69	7.81	-16.41	-54.84	-0.44	-42.97	27.74
TORQ_COS		129081.98	396.62	-1.44	219.58	-37.43	-83.90	10.57	13.85	-11.38	1.02	-50.78	-2.68	3.61	-0.59	-4.76	8.96
TORQ_SIN		0.00	1213.26	-76.38	196.43	-39.19	-31.99	11.25	51.15	-10.52	-1.69	83.84	4.59	-8.38	5.80	-4.97	-2.94
THRUST_COS		6919.90	-100.02	18.94	34.70	3.90	20.99	4.87	23.71	2.87	-8.18	-23.91	-3.24	-5.01	2.59	-1.83	-25.69
THRUST_SIN		0.00	-259.58	32.68	-16.39	18.19	-105.47	7.38	6.87	0.24	0.72	72.17	1.63	-2.86	1.28	6.50	-13.67

RUN	POINT	Harmonics															
63	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-140.00	42.87	-17.66	5.99	41.29	148.34	12.18	-3.02	1.36	-2.87	1.71	1.02	-0.74	0.48	-2.04	0.94
SIDERH_SIN		0.00	239.94	-9.95	0.49	20.51	-186.69	-12.28	3.94	-4.06	1.73	-7.73	1.66	1.89	0.28	1.52	-1.55
DRAGRH_COS		-88.28	247.69	-1.60	-2.68	0.11	-20.43	-54.28	-1.14	-3.23	-3.33	-8.33	2.91	1.03	0.61	0.46	8.22
DRAGRH_SIN		0.00	-45.57	23.93	0.87	-7.30	211.51	-14.71	1.09	-6.98	10.79	7.12	-1.77	2.48	-4.94	-0.55	-8.72

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	-1.48	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	0.04	0.01	0.00	0.01	0.00	0.01
FLAP1C_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	-0.03	-0.01	-0.01	0.00	0.02	0.00
ACT1DISP_COS		2.64	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.84	-1.28	-16.85	0.18	-0.29	-1.45	2.29	-0.40	-0.58	-0.05	1.12	0.42	0.04	0.12	-0.28	0.13
ACT1FORCE_SIN		0.00	21.12	-7.88	-5.53	3.60	-0.26	-1.01	1.22	0.04	-0.15	-0.12	-0.13	-0.05	0.06	0.76	-0.03
FA1IBCURRENT_COS		-0.01	-0.01	0.02	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		413.84	1.53	-183.14	6.70	-4.84	7.22	-20.49	0.07	-0.14	-0.04	0.11	0.06	0.02	-0.02	-0.09	0.03
FA1IBVOLTAGE_SIN		0.00	-127.64	128.46	43.70	-17.98	0.36	17.57	0.06	-0.05	0.01	0.15	0.09	0.02	0.01	0.02	0.05
FA1OBCURRENT_COS		0.02	0.02	-0.02	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.05	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		391.89	-1.61	183.34	-6.48	4.68	-7.43	20.52	0.01	0.02	0.01	-0.09	-0.06	-0.04	0.03	0.08	-0.03
FA1OBVOLTAGE_SIN		0.00	127.84	-128.72	-43.87	17.64	-0.21	-17.66	-0.09	0.01	0.01	-0.15	-0.10	-0.01	0.00	-0.03	-0.05
MRBLD1CB42P75_COS		366.50	-2378.37	575.95	-158.40	-126.83	-73.34	-113.47	22.58	21.70	-33.81	-12.72	-40.10	-6.65	2.57	-1.14	4.67
MRBLD1CB42P75_SIN		0.00	1736.09	119.29	133.45	150.32	-130.43	8.36	-105.43	51.10	35.86	-147.45	24.08	3.36	5.57	7.18	16.82

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5021.33	-1788.25	384.78	-182.17	-67.80	-183.83	-140.36	13.03	18.32	-12.51	-58.53	-26.16	-4.91	4.32	-0.80	14.14
MRBLD1CB70_SIN		0.00	1324.49	11.89	140.22	314.40	-172.96	116.47	-77.95	36.86	43.37	-80.36	13.76	1.96	1.96	0.10	16.50
MRBLD1CB120_COS		-63.22	-980.65	343.31	-61.56	-8.79	-206.64	-132.09	35.87	10.62	10.79	14.24	14.86	0.65	5.24	4.69	-0.72
MRBLD1CB120_SIN		0.00	918.87	-0.43	69.19	416.76	-138.55	146.47	-101.77	-31.87	-45.64	71.80	-2.14	2.69	-0.01	-1.25	1.65
MRBLD1CB164_COS		-1990.39	-329.93	36.32	26.43	-14.89	-115.52	-59.06	16.67	-9.86	9.71	51.29	13.50	0.99	-1.29	-3.26	-11.09
MRBLD1CB164_SIN		0.00	335.85	0.81	19.65	190.38	-58.51	56.03	-6.05	-52.30	-62.88	68.43	4.01	4.55	-0.81	5.28	-10.37
MRBLD1FB42P75_COS		2502.76	529.26	350.82	512.62	-106.46	-8.20	-141.20	-135.97	-52.12	-146.73	30.89	-16.87	-12.53	9.87	16.07	30.26
MRBLD1FB42P75_SIN		0.00	-446.34	398.46	249.59	403.11	202.47	26.15	-416.11	22.71	-34.66	-218.86	39.85	-5.42	-9.85	-15.88	-3.00
MRBLD1FB70_COS		702.04	89.62	96.87	138.70	-40.92	-8.39	-32.44	-12.77	2.67	-3.18	-3.27	2.41	1.89	-0.77	-2.36	-5.70
MRBLD1FB70_SIN		0.00	-270.74	161.41	37.30	117.90	32.43	10.12	-66.87	9.87	8.03	1.38	1.58	2.60	2.23	2.56	-0.63
MRBLD1FB87_COS		99.01	108.77	-7.84	73.85	-23.49	-12.81	-1.86	9.65	9.22	28.38	-2.68	6.87	4.90	-1.41	-2.80	-5.72
MRBLD1FB87_SIN		0.00	-321.47	110.25	3.72	54.16	6.99	-0.88	35.32	-5.56	7.51	51.79	-10.57	2.73	3.96	5.21	2.63
MRBLD1FB120_COS		-292.92	118.43	-130.23	74.36	14.02	-30.46	13.88	17.22	-11.45	-4.14	-1.22	-12.06	-7.45	0.55	3.10	8.95
MRBLD1FB120_SIN		0.00	-446.51	103.47	51.81	26.15	9.79	-7.58	103.25	-7.50	-10.49	-17.48	3.25	-7.53	-8.81	-8.74	-4.61
MRBLD1FB164_COS		158.64	89.53	176.43	22.61	107.58	48.22	18.39	-7.70	6.35	6.33	-3.28	11.89	8.00	-3.52	-7.60	-5.84
MRBLD1FB164_SIN		0.00	-632.23	175.03	251.24	-60.33	-40.32	-21.27	-147.04	13.91	16.95	31.55	-9.47	4.08	6.94	3.77	-0.56

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		72.77	-65.32	220.54	-28.19	68.17	60.91	5.66	-18.50	4.73	40.79	-0.97	3.56	-15.35	-5.34	5.06	11.65
MRBLD1FB180_SIN		0.00	-464.92	124.57	184.12	-67.51	-23.29	0.45	-135.08	6.14	17.86	103.93	-19.50	-11.21	-12.70	-10.14	-4.32
MRBLD1TOR51_COS		-1470.84	184.43	335.25	-56.55	-22.33	0.01	12.37	-24.50	-13.75	2.06	-5.81	2.07	-4.55	2.74	3.86	3.33
MRBLD1TOR51_SIN		0.00	-241.31	224.93	190.92	-41.06	16.32	-36.65	-62.39	0.72	-3.54	10.83	0.70	-6.07	-5.70	1.05	0.75
MRBLD1TOR71_COS		-336.19	216.57	277.30	-58.10	-8.26	9.83	24.35	-25.57	-9.18	7.12	-10.36	5.11	-3.31	2.55	2.09	1.28
MRBLD1TOR71_SIN		0.00	-236.97	188.43	149.53	-60.60	15.24	-31.91	-36.92	-0.18	-0.81	19.02	-1.07	-3.57	-4.75	2.41	1.26
MRBLD1TOR130_COS		-78.28	194.26	272.05	-66.15	-1.01	14.57	18.88	-14.25	-3.11	-1.53	7.17	0.80	-1.67	-0.09	-2.39	-3.11
MRBLD1TOR130_SIN		0.00	-199.02	118.18	145.11	-65.93	5.07	-23.82	-42.01	3.43	-8.46	-1.63	2.63	2.94	0.66	2.43	1.31
MRBLD1TOR164_COS		-313.22	113.94	171.46	-49.02	-18.49	3.75	2.07	-10.79	2.47	6.62	-7.95	0.50	1.22	-0.88	-1.84	-0.70
MRBLD1TOR164_SIN		0.00	-85.94	44.35	55.87	-32.51	8.05	-11.27	-16.08	1.11	1.80	6.71	-4.67	0.85	0.92	-2.34	0.18
MRFBM2CB26P5_COS		2804.71	-1244.08	-331.46	26.18	-74.14	-5.78	31.51	-1.67	1.77	-6.29	16.99	-0.22	1.44	-0.43	-0.01	-0.89
MRFBM2CB26P5_SIN		0.00	-1191.01	30.90	47.52	-2.94	-7.97	4.36	5.55	-1.19	0.83	-12.89	-0.15	1.34	-1.43	0.73	0.14
MRFBM2FB9_COS		1155.22	41.97	-363.63	-76.36	39.34	21.49	15.54	-10.13	2.95	3.56	-5.70	2.12	0.10	-0.07	-0.59	-0.30
MRFBM2FB9_SIN		0.00	6.31	-227.21	-128.38	-45.76	-9.79	11.56	21.71	0.71	3.66	4.09	0.64	0.79	-0.23	-0.27	-1.31
MRFBM2TOR26P5_COS		-102.76	324.17	-6.24	2.61	-1.63	-0.04	1.15	0.35	0.33	-0.07	0.07	0.00	0.12	-0.08	-0.01	0.06
MRFBM2TOR26P5_SIN		0.00	7.40	1.88	-0.71	-1.24	0.58	0.28	0.08	-0.21	0.12	0.25	0.07	0.01	0.17	-0.06	-0.06

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		782.51	-1691.93	489.92	-103.20	-85.50	-26.70	-97.56	10.21	35.00	-23.36	6.67	-20.45	-4.10	4.44	2.67	2.43
MRPC1CB33P25_SIN		0.00	1499.55	48.42	106.75	84.98	-75.27	-22.35	-89.46	26.55	-2.82	-110.67	23.42	0.41	3.46	3.83	14.03
MRPC1FB33P25_COS		1909.57	440.19	149.63	408.08	-164.87	-65.44	-127.28	58.17	-42.30	-85.58	152.40	-34.43	-1.73	13.39	21.38	18.65
MRPC1FB33P25_SIN		0.00	-174.48	358.36	292.45	319.27	154.68	-22.83	-396.70	-13.42	-104.81	-145.76	18.81	-13.07	3.46	5.10	28.56
MRPC1TOR25P5_COS		-251.02	-86.32	-378.85	91.09	12.32	4.95	-17.18	29.42	19.17	1.15	14.41	-0.93	4.55	-3.08	-6.83	-5.96
MRPC1TOR25P5_SIN		0.00	-45.85	-226.95	-199.85	61.90	-21.94	45.64	53.71	-1.93	-2.17	-20.27	2.42	11.62	7.88	3.81	5.69
MRPLK1LOAD_COS		17.02	-15.33	-50.52	10.38	0.25	2.29	-3.97	4.22	3.87	0.65	1.65	-0.01	0.34	-0.26	-1.52	-1.32
MRPLK1LOAD_SIN		0.00	-0.52	-30.85	-30.41	8.94	-3.18	6.04	7.64	0.06	-0.07	-2.02	-0.81	1.71	1.07	0.92	1.33
PITCHRH_COS		6873.06	-9314.75	100.53	26.08	-33.59	-29.47	266.72	-152.96	279.18	35.02	12.56	-52.99	-58.54	77.47	-74.52	-138.85
PITCHRH_SIN		0.00	818.27	-800.56	-162.63	-99.87	456.41	165.98	81.71	123.00	-173.12	-279.06	98.13	-66.72	60.48	31.27	138.74
ROLLRH_COS		2832.60	-928.61	940.12	-14.97	33.54	-2359.98	-102.82	71.47	-173.06	103.69	205.81	-46.46	-55.02	-102.11	49.51	83.87
ROLLRH_SIN		0.00	-9368.79	50.63	97.44	-58.33	1406.32	-115.37	-96.06	-18.60	-80.27	76.27	-12.94	-91.85	18.28	14.47	29.13
TORQ_COS		130581.80	259.69	14.18	231.66	20.27	-114.82	4.19	12.27	-8.26	2.52	-43.28	0.51	0.65	-0.21	-6.18	6.30
TORQ_SIN		0.00	1239.33	-95.81	118.79	-31.89	58.54	7.57	29.87	-4.70	-5.00	74.33	0.42	-7.27	7.08	-4.93	-2.65
THRUST_COS		6932.42	-88.13	23.29	32.14	0.01	12.96	7.78	18.36	-2.21	-4.17	-29.94	-6.77	2.72	6.61	-9.07	-19.96
THRUST_SIN		0.00	-262.88	20.35	-21.70	15.29	-98.93	6.02	2.70	-2.31	-4.92	78.40	-1.89	2.26	-6.16	6.84	-10.98

RUN	POINT	Harmonics															
63	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-192.30	41.49	-21.75	0.03	46.60	67.78	13.00	-1.70	0.46	-3.86	-4.20	1.52	1.86	2.43	-1.80	-1.93
SIDERH_SIN		0.00	238.02	-12.60	1.63	10.47	-214.41	-10.92	4.68	0.34	3.25	-8.85	1.70	2.05	0.10	-0.39	-1.02
DRAGRH_COS		-129.35	246.05	0.82	-2.58	0.94	140.69	-54.00	-1.03	-4.54	-0.55	-9.62	3.12	1.26	-2.44	2.81	5.21
DRAGRH_SIN		0.00	-44.40	24.44	2.97	-7.60	266.45	-5.62	-2.18	-4.60	16.04	8.25	-4.00	1.89	-2.50	-1.51	-7.57

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.04	-0.01	-1.27	0.00	0.00	0.00	0.00	-0.01	-0.02	0.00	-0.04	0.00	-0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.04	0.02	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.11	-0.56	-21.00	-0.64	1.54	-1.73	-0.21	0.17	-0.53	-0.05	-0.40	-0.01	0.09	-0.02	-0.09	-0.40
ACT1FORCE_SIN		0.00	21.91	-4.56	-6.79	3.52	0.86	-1.79	1.30	0.41	-0.07	-1.38	-0.10	-0.07	0.01	-0.13	-0.05
FA1IBCURRENT_COS		-0.01	-0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.03	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		417.29	-2.40	-76.28	9.30	-11.70	7.72	10.77	0.09	-0.02	-0.01	0.13	-0.03	0.06	-0.01	-0.01	-0.03
FA1IBVOLTAGE_SIN		0.00	-129.58	240.62	48.12	-13.73	-4.60	17.96	-0.01	0.01	0.11	-0.22	0.01	-0.05	0.00	0.02	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.05	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	-0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		388.47	2.38	76.21	-9.22	11.42	-7.78	-10.85	-0.10	0.05	0.03	-0.15	0.04	-0.05	0.01	0.01	0.02
FA1OBVOLTAGE_SIN		0.00	129.85	-240.96	-48.50	13.81	4.88	-18.01	-0.05	0.11	-0.09	0.21	-0.01	0.04	0.00	-0.01	0.01
MRBLD1CB42P75_COS		294.97	-2106.42	649.49	-154.12	-170.70	-72.62	-112.06	6.06	19.04	-28.52	-59.89	-11.93	-13.79	-3.18	-4.05	3.59
MRBLD1CB42P75_SIN		0.00	2085.99	151.90	123.11	178.51	-150.48	20.97	-119.26	41.49	56.39	-143.55	43.12	6.30	4.60	10.96	23.84

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4974.55	-1633.84	443.11	-198.38	-169.49	-175.98	-119.14	-14.58	16.55	-5.27	-81.32	-6.75	-8.34	-2.13	-1.48	15.48
MRBLD1CB70_SIN		0.00	1579.11	45.17	91.21	400.17	-147.46	163.80	-84.34	31.18	54.21	-54.94	24.43	3.32	2.55	4.56	25.03
MRBLD1CB120_COS		-70.87	-940.13	385.75	-94.57	-95.49	-190.31	-100.94	5.64	13.06	9.58	22.13	0.80	5.41	5.16	7.04	-1.09
MRBLD1CB120_SIN		0.00	1040.46	6.49	21.02	485.76	-67.20	223.88	-118.75	-32.33	-53.40	63.17	-12.70	5.28	2.22	-5.12	2.03
MRBLD1CB164_COS		-1989.79	-323.53	53.56	-1.72	-38.43	-113.99	-53.38	13.60	-11.71	3.99	57.83	-0.33	4.51	-0.80	-1.96	-12.71
MRBLD1CB164_SIN		0.00	367.25	24.43	-3.57	213.89	-11.24	95.80	-9.85	-48.77	-71.85	42.10	-1.49	8.62	-1.40	4.70	-14.91
MRBLD1FB42P75_COS		2513.80	451.54	375.23	313.33	-3.56	3.26	-108.37	-205.01	-53.51	-138.21	-83.65	6.65	-10.96	7.24	8.67	37.29
MRBLD1FB42P75_SIN		0.00	-511.49	347.04	298.18	275.68	170.80	37.55	-446.97	12.86	-16.00	-225.28	44.86	6.08	-8.97	-12.47	5.12
MRBLD1FB70_COS		695.96	92.37	107.39	66.60	-12.80	-6.50	-27.01	-24.84	2.50	-0.91	-3.28	2.38	2.20	-0.21	-0.09	-6.41
MRBLD1FB70_SIN		0.00	-276.85	156.57	43.63	87.49	25.80	13.96	-72.97	8.45	9.94	4.42	0.85	1.37	2.17	1.55	-2.58
MRBLD1FB87_COS		92.66	111.68	-3.74	27.08	-6.99	-13.02	-4.47	15.36	9.73	27.20	23.29	-0.06	4.84	-0.57	-1.62	-7.78
MRBLD1FB87_SIN		0.00	-332.54	115.64	2.03	41.46	8.68	0.30	37.92	-3.58	4.40	52.97	-10.98	0.29	4.18	4.61	1.59
MRBLD1FB120_COS		-300.59	130.06	-126.53	17.32	21.81	-28.15	6.91	33.87	-11.88	-7.91	-7.39	-8.05	-8.70	-0.14	1.16	11.45
MRBLD1FB120_SIN		0.00	-460.08	124.37	50.77	21.53	18.95	-9.33	112.31	-5.37	-13.02	-22.54	3.26	-6.00	-10.27	-7.63	-3.33
MRBLD1FB164_COS		156.79	67.99	169.11	11.36	48.92	53.00	30.92	-29.05	6.50	12.56	13.87	5.07	7.97	-1.77	-6.79	-8.90
MRBLD1FB164_SIN		0.00	-638.64	96.80	268.54	-24.73	-45.85	-31.63	-161.91	10.19	18.63	37.94	-10.92	0.78	7.34	4.26	-0.04

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		72.41	-88.34	205.61	-11.26	30.48	62.74	15.44	-36.80	4.73	41.70	51.04	-6.96	-14.46	-8.69	1.88	15.90
MRBLD1FB180_SIN		0.00	-462.09	46.91	189.02	-43.35	-26.55	-8.80	-149.62	6.31	15.20	104.94	-25.23	-11.27	-12.61	-10.98	-2.05
MRBLD1TOR51_COS		-1470.08	145.41	345.09	-28.85	-43.72	0.56	6.04	-27.00	-17.78	2.75	-7.25	2.16	-4.09	-0.88	4.35	2.04
MRBLD1TOR51_SIN		0.00	-230.02	115.91	216.18	-41.28	4.71	-24.38	-69.06	6.59	1.26	17.21	-3.81	-4.62	-7.13	0.01	4.76
MRBLD1TOR71_COS		-334.88	176.61	282.10	-23.00	-30.11	9.87	17.28	-25.34	-13.59	8.78	-7.38	3.28	-2.61	-0.06	2.84	0.47
MRBLD1TOR71_SIN		0.00	-232.41	85.56	173.27	-58.17	4.99	-22.66	-40.57	5.30	2.65	27.17	-6.67	-2.43	-5.01	-0.13	3.92
MRBLD1TOR130_COS		-76.66	153.71	270.62	-18.31	-26.43	14.60	13.15	-16.28	-4.95	1.47	3.10	0.79	-1.85	0.39	-2.38	-2.21
MRBLD1TOR130_SIN		0.00	-193.68	14.49	167.23	-57.15	-5.00	-16.61	-46.31	5.00	-3.83	-2.44	1.75	3.73	2.71	-0.16	0.13
MRBLD1TOR164_COS		-313.01	85.67	168.17	-8.78	-23.83	2.03	-1.52	-12.45	0.82	9.03	-1.65	-0.67	0.56	1.34	-3.20	0.60
MRBLD1TOR164_SIN		0.00	-81.23	-25.49	67.48	-27.69	1.58	-6.54	-16.78	0.75	1.58	10.45	-4.55	0.11	2.56	-2.74	-1.56
MRFBM2CB26P5_COS		2707.61	-1478.78	-359.62	10.61	-103.99	-2.11	36.63	3.29	-0.55	-5.93	12.14	0.30	1.64	-0.62	-0.46	-1.66
MRFBM2CB26P5_SIN		0.00	-1015.27	35.70	13.28	-11.09	-11.42	-3.42	6.28	-2.58	2.52	-22.16	1.97	0.57	-1.68	0.01	-0.16
MRFBM2FB9_COS		1179.00	-140.12	-387.93	-22.24	25.74	18.64	17.02	-8.70	2.53	3.70	-3.80	1.92	0.55	-0.26	-0.42	-0.07
MRFBM2FB9_SIN		0.00	-123.45	-206.49	-124.04	-36.29	-8.61	8.52	25.55	0.74	2.37	6.97	-0.58	0.60	-0.33	-0.18	-1.63
MRFBM2TOR26P5_COS		-105.43	313.80	-5.90	3.01	-2.29	0.07	1.24	0.41	0.36	-0.03	0.15	0.00	0.12	-0.08	-0.01	0.10
MRFBM2TOR26P5_SIN		0.00	9.56	2.95	-1.12	-0.65	0.61	0.25	0.08	-0.25	0.04	0.27	0.10	0.04	0.10	-0.03	0.00

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		767.40	-1438.21	558.63	-80.73	-73.96	-30.86	-101.10	0.29	32.86	-22.38	-32.48	1.40	-8.75	-0.69	1.46	1.89
MRPC1CB33P25_SIN		0.00	1739.00	64.00	121.41	74.38	-93.63	-16.17	-103.22	16.62	11.20	-116.83	32.63	3.30	2.61	6.09	20.06
MRPC1FB33P25_COS		1917.16	379.36	180.07	234.06	-52.84	-47.67	-104.12	16.94	-38.54	-88.30	72.29	-19.86	-9.79	11.76	13.62	14.60
MRPC1FB33P25_SIN		0.00	-229.49	322.16	299.13	239.61	133.10	-2.16	-447.14	-23.61	-86.77	-216.38	37.15	-3.63	1.76	1.80	39.42
MRPC1TOR25P5_COS		-259.64	-41.63	-388.30	55.93	38.16	5.06	-10.49	30.20	22.64	3.09	12.44	-0.74	3.10	1.61	-7.80	-4.76
MRPC1TOR25P5_SIN		0.00	-38.31	-110.02	-229.56	62.82	-9.91	32.69	58.74	-10.01	-5.77	-29.57	8.18	11.38	12.15	0.65	1.47
MRPLK1LOAD_COS		15.62	-9.42	-51.58	6.03	3.83	2.28	-3.58	4.51	4.27	1.50	1.52	-0.21	0.06	0.62	-1.56	-1.15
MRPLK1LOAD_SIN		0.00	0.91	-15.18	-34.71	9.28	-1.40	4.51	8.37	-1.22	-0.45	-3.00	-0.22	1.82	2.10	-0.32	0.62
PITCHRH_COS		9652.32	-9319.58	36.57	32.68	-103.90	298.83	290.64	-123.62	120.86	-25.25	7.42	-38.57	-57.03	95.52	-75.43	-183.30
PITCHRH_SIN		0.00	903.18	-984.55	-107.15	-65.08	-328.04	21.93	126.19	160.97	-175.87	-298.83	121.80	-3.60	67.43	22.60	159.50
ROLLRH_COS		5510.96	-933.14	1045.78	-106.26	-22.57	-1778.08	-88.74	20.82	-174.28	48.26	255.25	-52.30	-54.60	-82.71	33.03	-67.33
ROLLRH_SIN		0.00	-9395.37	-21.35	37.92	22.35	1866.84	-116.37	-186.55	135.55	-84.55	86.64	-1.02	-64.09	44.56	1.21	40.63
TORQ_COS		128932.81	284.34	-5.96	205.41	71.97	-107.16	2.92	-16.47	-3.85	1.25	-18.39	-5.87	0.40	0.03	-4.00	6.40
TORQ_SIN		0.00	1194.06	-96.27	78.81	-35.13	186.31	6.00	28.45	-2.93	-2.69	100.52	-1.68	-6.71	7.82	-2.54	-2.03
THRUST_COS		7006.78	-86.12	22.52	24.43	-4.67	-6.16	4.26	9.50	-3.57	4.55	-1.89	-8.63	1.83	9.54	-3.57	-16.27
THRUST_SIN		0.00	-258.45	5.56	-13.59	18.83	-85.73	7.90	5.31	-1.41	-6.45	106.98	-2.85	2.70	-1.55	-0.96	-12.19

RUN	POINT	Harmonics															
63	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-176.97	45.00	-25.00	-0.06	54.91	-3.68	10.07	0.83	0.51	-2.40	-7.48	2.17	1.15	2.36	-1.32	2.34
SIDERH_SIN		0.00	236.63	-6.70	-1.36	-12.01	-251.76	-11.92	3.62	-2.51	3.32	-10.66	1.03	1.11	-0.97	0.03	-1.33
DRAGRH_COS		-87.94	242.98	7.18	2.08	1.33	291.96	-54.31	-6.93	-4.26	2.14	-12.68	2.98	0.93	-2.14	2.76	6.81
DRAGRH_SIN		0.00	-44.05	23.79	2.50	-4.64	320.26	8.85	-3.89	-6.55	16.73	9.44	-5.12	2.03	-2.61	-2.55	-8.73

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.00	-0.71	0.00	0.00	0.00	0.01	0.00	-0.02	-0.01	0.02	0.00	-0.01	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.00	1.31	0.00	0.01	0.00	0.00	0.03	0.03	0.01	0.02	0.00	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.64	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.56	-0.22	-21.04	-2.18	1.77	-1.65	-0.97	0.23	-0.60	-0.18	0.18	-0.13	-0.14	-0.16	0.48	-0.10
ACT1FORCE_SIN		0.00	21.10	0.61	-5.98	2.08	1.51	0.17	0.57	0.47	0.08	0.66	-0.02	-0.03	0.15	0.37	0.09
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		417.50	-4.22	63.51	17.48	-9.28	7.70	10.82	-0.03	0.00	-0.01	-0.06	-0.05	0.02	-0.06	0.04	-0.03
FA1IBVOLTAGE_SIN		0.00	-121.82	281.50	43.99	-5.31	-7.26	-9.71	-0.10	-0.09	-0.01	0.15	0.06	-0.05	0.02	0.06	-0.01
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		388.25	4.29	-63.90	-17.59	9.34	-7.56	-10.87	0.05	0.06	0.00	0.07	0.04	-0.01	0.08	-0.02	0.03
FA1OBVOLTAGE_SIN		0.00	122.14	-281.83	-44.41	5.74	7.48	9.76	0.07	0.02	-0.01	-0.13	-0.07	0.07	-0.01	-0.07	0.00
MRBLD1CB42P75_COS		199.32	-2222.20	647.90	-157.88	-225.06	-84.11	-90.16	-29.95	10.94	-15.54	-29.29	5.98	-8.40	-7.96	-5.09	2.43
MRBLD1CB42P75_SIN		0.00	2139.25	118.78	110.71	263.13	-163.72	-6.89	-67.49	23.22	35.44	-98.03	29.47	16.27	10.86	1.14	23.81

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4909.09	-1706.80	473.79	-260.68	-256.10	-127.20	-86.74	-35.91	8.08	0.60	-35.67	4.14	-4.50	-2.62	-4.79	15.09
MRBLD1CB70_SIN		0.00	1610.63	32.06	73.34	556.38	-141.01	157.45	-37.30	23.23	31.95	-37.26	18.94	10.12	9.03	-1.90	28.71
MRBLD1CB120_COS		-120.04	-962.91	401.11	-166.84	-166.11	-108.21	-79.35	-3.00	12.78	5.44	11.50	-8.14	2.15	5.89	5.57	-0.88
MRBLD1CB120_SIN		0.00	1055.98	-9.19	36.68	635.49	-41.85	259.79	-71.80	-28.62	-46.37	47.54	-7.19	-0.30	-0.90	-3.66	3.45
MRBLD1CB164_COS		-2000.82	-323.86	73.54	-50.16	-62.06	-72.08	-50.03	23.74	-1.69	-1.20	23.69	-7.24	3.94	-1.03	-0.04	-11.18
MRBLD1CB164_SIN		0.00	372.91	38.06	18.10	263.52	7.74	127.56	-15.19	-37.57	-54.61	30.71	-1.59	1.38	-3.17	6.33	-18.55
MRBLD1FB42P75_COS		2482.94	471.32	271.02	263.85	29.93	-33.60	-96.09	-216.80	-61.55	-110.61	-66.66	11.46	-10.58	-2.84	-5.21	37.35
MRBLD1FB42P75_SIN		0.00	-499.37	281.11	511.17	248.98	151.39	8.89	-262.35	-23.15	-27.49	-138.12	21.19	7.76	-4.24	-16.32	11.12
MRBLD1FB70_COS		694.69	88.89	74.12	39.79	-4.25	-12.63	-22.78	-26.18	0.91	0.12	-0.42	1.78	1.74	1.13	1.71	-6.62
MRBLD1FB70_SIN		0.00	-257.68	131.87	113.99	86.89	21.45	7.19	-39.16	4.76	7.52	4.03	1.28	1.08	1.57	2.29	-3.15
MRBLD1FB87_COS		100.53	112.27	-19.09	1.16	-3.51	-13.25	-5.54	16.80	10.16	21.15	17.52	-2.24	3.83	1.10	1.54	-7.69
MRBLD1FB87_SIN		0.00	-318.17	105.34	46.98	34.42	7.77	1.29	22.43	1.86	6.59	33.46	-4.57	-0.37	2.41	5.56	0.12
MRBLD1FB120_COS		-290.02	138.51	-128.52	-30.96	13.82	-20.68	-2.45	33.58	-8.44	-8.12	-9.75	-4.62	-7.69	-2.41	-2.51	11.16
MRBLD1FB120_SIN		0.00	-450.78	128.49	105.08	3.91	21.91	-2.27	62.75	-1.42	-10.46	-16.21	-1.44	-4.46	-7.09	-9.06	-0.35
MRBLD1FB164_COS		159.27	59.14	79.06	15.40	30.92	53.82	41.00	-35.58	1.08	13.11	13.06	-0.23	5.58	0.37	-3.27	-8.26
MRBLD1FB164_SIN		0.00	-597.87	18.89	298.25	-4.31	-42.56	-35.57	-90.94	3.69	14.65	28.57	-3.95	-0.63	4.28	5.02	-0.67

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		68.74	-95.43	121.79	11.51	23.04	57.96	19.27	-39.97	2.97	29.22	35.24	-12.35	-13.41	-10.01	-2.97	15.54
MRBLD1FB180_SIN		0.00	-430.22	-22.48	184.57	-20.53	-21.77	-20.26	-88.71	7.56	18.93	65.34	-15.00	-9.97	-10.96	-11.61	0.39
MRBLD1TOR51_COS		-1471.10	114.14	264.92	31.94	-54.40	-5.20	4.46	-24.13	-9.70	0.67	1.19	-2.98	-3.16	-1.14	4.60	2.17
MRBLD1TOR51_SIN		0.00	-187.83	-0.26	212.04	-9.51	9.11	-22.37	-36.05	9.37	0.07	12.98	-2.42	-5.13	-5.62	-2.59	5.91
MRBLD1TOR71_COS		-329.90	146.54	208.11	38.60	-37.24	5.15	14.30	-17.80	-6.63	4.96	0.72	-3.80	-1.03	0.00	2.93	1.09
MRBLD1TOR71_SIN		0.00	-192.44	-21.18	162.99	-31.20	9.48	-18.67	-17.23	10.28	1.10	18.82	-4.49	-2.39	-4.17	-0.89	4.46
MRBLD1TOR130_COS		-71.07	119.70	198.64	45.36	-30.08	10.23	12.96	-12.97	-0.51	1.38	4.69	-2.33	-0.03	0.45	-2.98	-1.40
MRBLD1TOR130_SIN		0.00	-157.33	-85.11	144.58	-31.83	-1.56	-11.37	-22.99	6.32	-5.23	-1.99	1.70	5.23	1.85	1.56	-0.82
MRBLD1TOR164_COS		-307.69	58.93	127.13	36.69	-20.92	-2.49	-0.80	-8.47	1.31	6.58	0.00	-2.01	0.65	1.45	-3.76	0.08
MRBLD1TOR164_SIN		0.00	-60.05	-87.73	44.14	-12.73	1.53	-5.03	-7.07	2.64	-0.87	3.61	-3.65	1.57	0.55	-1.47	-2.07
MRFBM2CB26P5_COS		2612.53	-1583.90	-342.47	-38.75	-129.86	1.47	41.66	4.26	-0.71	-4.13	5.36	-0.01	1.72	-0.83	0.30	-1.69
MRFBM2CB26P5_SIN		0.00	-1078.83	50.71	-2.94	0.27	-13.57	-5.25	4.51	-0.53	1.52	-15.67	0.01	0.38	-1.07	0.09	-0.12
MRFBM2FB9_COS		1092.41	-26.23	-331.29	8.45	25.09	20.46	17.03	-0.16	1.77	2.74	-2.09	0.97	0.77	0.15	-0.40	0.33
MRFBM2FB9_SIN		0.00	-146.09	-147.07	-166.69	-37.14	-4.56	10.24	18.85	2.62	2.61	4.97	-0.57	0.69	0.21	0.53	-1.49
MRFBM2TOR26P5_COS		-110.43	323.88	-4.22	2.77	-2.11	0.14	1.44	0.28	0.24	0.08	0.05	0.08	0.07	-0.04	0.06	0.11
MRFBM2TOR26P5_SIN		0.00	8.09	4.00	-1.83	0.35	0.56	-0.19	-0.06	-0.15	0.12	0.13	0.13	-0.05	0.18	-0.03	-0.03

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		708.05	-1508.37	536.49	-56.96	-85.70	-60.17	-97.24	-22.40	22.99	-13.29	-18.64	9.13	-6.64	-5.55	-0.21	0.49
MRPC1CB33P25_SIN		0.00	1786.36	40.75	112.02	97.07	-104.28	-34.43	-63.97	-2.48	1.66	-80.33	17.17	11.01	7.53	-2.11	21.01
MRPC1FB33P25_COS		1889.52	397.64	105.17	153.26	-23.09	-72.58	-82.12	-67.19	-30.42	-61.30	35.16	-1.46	-9.90	1.37	8.15	10.35
MRPC1FB33P25_SIN		0.00	-216.75	258.47	465.60	226.71	107.23	-21.91	-307.38	-56.05	-81.70	-141.65	23.92	-0.94	-2.59	-12.17	43.00
MRPC1TOR25P5_COS		-267.77	-8.37	-303.72	-15.34	49.89	10.75	-8.00	23.35	13.68	5.52	2.98	2.31	3.99	1.53	-9.42	-3.99
MRPC1TOR25P5_SIN		0.00	-96.49	9.94	-219.84	30.29	-16.14	30.48	28.88	-13.96	-6.38	-22.52	5.83	14.03	8.65	5.24	-0.46
MRPLK1LOAD_COS		14.20	-5.60	-40.08	-3.34	5.71	3.03	-2.94	3.67	3.00	1.50	0.58	-0.49	0.72	0.57	-1.98	-0.93
MRPLK1LOAD_SIN		0.00	-6.71	0.37	-33.69	4.76	-2.34	4.46	4.34	-1.62	-0.98	-2.68	-0.55	2.48	1.35	0.65	0.30
PITCHRH_COS		8209.20	-9295.85	-115.62	-8.35	-59.35	382.95	149.85	-91.85	79.70	-31.17	35.59	53.60	-69.15	107.54	-33.67	-214.37
PITCHRH_SIN		0.00	946.58	-1081.31	-30.42	19.88	-1052.15	-39.13	137.20	37.78	-163.34	-289.98	152.95	11.53	40.45	55.44	132.79
ROLLRH_COS		6296.57	-967.16	1126.15	-158.38	16.88	-1581.80	-50.41	6.20	-186.97	181.46	288.72	2.92	-31.21	-57.11	-20.66	57.21
ROLLRH_SIN		0.00	-9469.81	-180.08	72.35	220.42	2088.31	-171.49	-208.05	-93.13	-69.44	68.61	42.75	-36.88	94.62	-55.20	86.57
TORQ_COS		126740.61	292.14	-7.07	165.09	75.63	-54.53	4.65	-6.76	-5.60	2.73	1.35	-3.87	-0.45	0.61	-6.65	6.75
TORQ_SIN		0.00	1172.83	-101.45	49.63	-99.93	219.90	7.56	35.37	-2.78	-4.93	69.42	3.29	-6.74	7.81	-1.08	-1.62
THRUST_COS		6802.83	-85.36	15.42	21.59	-0.55	-0.10	6.26	10.39	0.13	-4.24	7.01	-9.03	5.61	4.16	-1.75	-14.94
THRUST_SIN		0.00	-241.06	-5.68	-13.37	26.96	-67.57	5.50	6.36	0.28	-1.76	70.28	0.58	5.06	-10.58	2.33	-10.23

RUN	POINT	Harmonics															
63	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.33	44.28	-26.20	1.07	19.36	-53.06	1.42	1.29	2.15	-7.57	-10.09	-0.02	0.27	1.57	0.72	-1.66
SIDERH_SIN		0.00	238.26	1.08	-2.02	-39.42	-263.87	-5.39	3.97	3.86	2.87	-8.78	-0.33	0.40	-2.29	1.57	-2.50
DRAGRH_COS		-119.68	242.74	9.25	4.17	4.68	436.61	-35.98	-6.78	-0.02	0.79	-13.46	-0.65	0.65	-3.67	0.98	8.24
DRAGRH_SIN		0.00	-44.44	18.45	2.58	2.75	371.24	19.98	-0.77	-4.82	14.79	11.09	-5.39	2.91	-1.99	-2.74	-6.82

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.01	0.02	0.01	-0.03	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.64	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.23	-0.41	-19.79	-3.41	1.27	-0.64	0.45	-0.15	-0.07	-0.12	0.77	-0.13	-0.07	-0.15	-0.22	0.07
ACT1FORCE_SIN		0.00	20.89	5.02	-4.67	1.00	2.13	1.13	0.18	0.43	-0.14	-0.83	0.24	0.20	0.09	0.09	0.24
FA1IBCURRENT_COS		-0.01	-0.01	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		428.78	-5.81	210.39	25.69	-5.38	3.34	-12.67	-0.09	-0.06	-0.04	0.17	0.00	-0.06	0.00	0.00	-0.06
FA1IBVOLTAGE_SIN		0.00	-116.02	245.16	35.62	-2.24	-8.42	-8.52	0.05	-0.01	0.04	-0.03	-0.05	-0.04	-0.09	0.03	0.04
FA1OBCURRENT_COS		0.02	0.01	-0.07	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.04	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		376.99	5.95	-211.01	-25.94	5.99	-3.16	12.68	0.11	-0.05	0.03	-0.16	0.00	0.05	-0.02	0.00	0.05
FA1OBVOLTAGE_SIN		0.00	116.36	-245.33	-36.04	2.56	8.52	8.54	-0.10	0.00	-0.02	0.02	0.07	0.03	0.09	-0.03	-0.03
MRBLD1CB42P75_COS		295.65	-2443.73	667.61	-191.19	-253.42	-108.73	-92.10	-16.51	11.61	-16.24	-44.60	24.01	0.70	-10.67	1.91	3.11
MRBLD1CB42P75_SIN		0.00	1943.16	98.14	103.20	338.98	-182.98	-30.29	-31.87	19.79	42.29	-90.87	15.28	15.76	9.03	-2.01	24.03

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4969.42	-1850.42	506.55	-328.03	-276.30	-100.97	-69.79	-23.45	10.82	-4.53	-42.49	16.14	2.87	-6.84	2.06	13.94
MRBLD1CB70_SIN		0.00	1499.73	4.95	97.56	694.73	-146.35	138.98	-7.39	23.18	36.89	-36.02	10.18	9.87	5.35	-5.60	27.38
MRBLD1CB120_COS		-92.87	-1024.68	430.15	-214.20	-168.37	-44.64	-42.49	0.27	23.65	7.33	15.63	-14.39	0.35	4.50	4.89	-0.93
MRBLD1CB120_SIN		0.00	1032.86	-31.60	74.06	756.03	-36.67	259.97	-48.77	-30.81	-44.48	38.55	0.25	2.55	0.39	-3.04	3.22
MRBLD1CB164_COS		-1999.37	-341.09	98.64	-75.13	-59.81	-34.69	-31.04	18.31	8.51	3.82	27.38	-11.96	1.04	1.35	-5.09	-9.27
MRBLD1CB164_SIN		0.00	380.15	45.15	49.52	300.61	18.99	138.98	-18.33	-37.22	-51.58	25.80	5.13	1.28	1.05	7.90	-17.81
MRBLD1FB42P75_COS		2496.70	520.75	228.54	351.01	40.66	-79.99	-82.15	-171.96	-56.93	-94.68	-80.20	19.41	-2.67	-1.01	-3.97	41.17
MRBLD1FB42P75_SIN		0.00	-473.17	288.61	667.37	188.75	118.83	-17.20	-181.88	-43.91	-30.61	-119.33	-1.87	12.89	-2.02	-27.04	12.63
MRBLD1FB70_COS		698.60	86.96	66.05	54.45	-1.68	-23.93	-20.40	-17.21	1.20	0.79	-0.45	1.16	0.79	0.91	1.17	-7.25
MRBLD1FB70_SIN		0.00	-267.56	134.88	171.69	75.48	14.16	2.03	-24.11	3.09	7.89	4.98	2.17	0.97	0.90	4.73	-3.17
MRBLD1FB87_COS		100.06	113.62	-18.85	4.88	-2.17	-13.58	-4.33	13.95	10.05	18.90	21.65	-3.63	2.07	1.23	1.61	-8.25
MRBLD1FB87_SIN		0.00	-325.63	109.92	84.95	24.34	6.70	2.00	15.43	3.72	5.96	28.20	1.45	-1.71	1.44	7.57	-0.32
MRBLD1FB120_COS		-292.52	143.75	-124.51	-35.52	1.65	-10.87	-5.55	19.56	-9.51	-10.15	-10.59	-4.35	-6.21	-3.15	-2.59	12.05
MRBLD1FB120_SIN		0.00	-459.97	138.08	163.45	-5.15	28.33	8.16	43.98	3.29	-9.58	-13.53	-5.04	-3.12	-5.82	-12.20	-0.14
MRBLD1FB164_COS		171.51	68.51	0.39	49.40	9.60	56.81	40.36	-19.83	4.00	16.04	17.61	-2.09	3.20	0.66	-2.27	-8.81
MRBLD1FB164_SIN		0.00	-579.51	0.76	326.51	32.72	-41.83	-41.30	-64.50	-2.23	11.32	25.27	1.98	-1.93	2.29	6.94	-0.06

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		79.07	-90.24	44.97	38.23	16.82	51.39	17.47	-17.66	7.77	28.25	42.84	-15.67	-12.48	-10.53	-3.33	17.24
MRBLD1FB180_SIN		0.00	-410.57	-41.43	177.05	9.21	-20.62	-32.44	-65.72	7.06	19.72	55.99	-5.01	-10.27	-7.65	-15.67	0.35
MRBLD1TOR51_COS		-1456.30	104.96	160.15	87.87	-49.64	-2.01	7.99	-13.21	-1.54	-3.51	-0.06	-1.88	-2.61	-1.57	3.46	4.98
MRBLD1TOR51_SIN		0.00	-141.77	-50.25	181.90	24.78	9.60	-31.07	-27.31	4.35	5.50	7.45	-0.69	-3.79	-4.60	-4.72	5.50
MRBLD1TOR71_COS		-319.12	140.83	109.22	90.57	-31.71	8.55	17.29	-7.45	0.14	-0.06	0.98	-4.70	0.02	-1.31	2.01	2.94
MRBLD1TOR71_SIN		0.00	-147.47	-66.96	127.58	-1.70	11.79	-25.96	-13.31	5.85	5.30	13.90	-0.67	-3.16	-2.69	-2.33	3.95
MRBLD1TOR130_COS		-60.21	112.45	99.17	91.94	-23.00	11.74	17.28	-4.77	3.66	-1.33	2.72	-2.43	1.85	-1.43	-2.44	-2.66
MRBLD1TOR130_SIN		0.00	-110.44	-128.80	99.23	-4.68	0.98	-17.76	-16.84	0.65	-2.18	-2.73	4.71	2.26	2.86	2.21	-1.23
MRBLD1TOR164_COS		-302.06	50.85	60.91	63.94	-10.77	-3.95	4.15	-3.43	1.45	4.56	1.15	-3.96	1.40	-0.45	-1.63	-2.28
MRBLD1TOR164_SIN		0.00	-27.00	-117.62	4.96	-0.88	1.24	-8.99	-3.42	0.34	-1.03	5.61	-1.00	-0.92	0.63	-0.37	-1.78
MRFBM2CB26P5_COS		2708.62	-1504.95	-347.61	-73.49	-148.81	1.83	42.00	7.35	-1.07	-3.68	2.43	-0.36	0.93	-0.46	-0.46	-1.72
MRFBM2CB26P5_SIN		0.00	-1209.25	71.39	6.56	21.29	-20.45	-7.43	1.89	0.36	0.63	-15.22	0.78	0.00	0.39	-0.42	-0.27
MRFBM2FB9_COS		1143.76	46.12	-317.38	2.70	24.49	22.84	16.52	1.34	0.65	2.43	-1.20	-0.21	0.84	0.04	-0.87	0.38
MRFBM2FB9_SIN		0.00	-28.23	-139.74	-213.72	-34.88	-0.22	9.91	13.42	2.79	2.10	4.98	-0.58	0.33	0.16	0.36	-1.62
MRFBM2TOR26P5_COS		-104.09	337.42	-3.17	2.55	-1.22	0.30	1.23	0.14	0.14	0.22	0.05	0.08	0.00	0.05	0.03	0.09
MRFBM2TOR26P5_SIN		0.00	13.45	4.46	-2.19	1.27	0.46	-0.72	-0.11	-0.03	0.26	0.10	0.14	0.06	0.08	-0.10	-0.02

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		773.75	-1696.11	541.99	-71.58	-104.95	-92.98	-104.72	-11.40	22.15	-9.24	-30.14	17.63	0.34	-8.14	5.18	1.66
MRPC1CB33P25_SIN		0.00	1635.72	35.73	85.46	114.00	-120.31	-46.07	-38.63	-6.07	6.24	-74.88	6.46	13.17	6.21	-5.02	21.52
MRPC1FB33P25_COS		1901.46	439.70	73.01	196.30	-1.05	-98.56	-59.81	-64.89	-18.74	-47.54	14.30	19.39	-7.62	-0.18	19.46	11.74
MRPC1FB33P25_SIN		0.00	-194.64	261.52	610.13	182.28	67.91	-39.25	-225.94	-69.41	-75.53	-135.99	12.65	7.15	-0.23	-17.47	46.39
MRPC1TOR25P5_COS		-270.46	13.55	-190.15	-76.52	45.82	5.98	-9.04	12.36	4.88	8.52	3.63	1.13	6.54	-0.80	-5.41	-8.53
MRPC1TOR25P5_SIN		0.00	-166.67	64.07	-182.47	-6.98	-18.52	38.09	23.94	-10.75	-12.55	-14.67	7.08	8.65	8.87	7.59	-0.61
MRPLK1LOAD_COS		14.37	-2.52	-25.41	-12.34	5.38	2.60	-2.43	2.17	1.39	1.26	0.95	-0.89	1.39	-0.39	-1.30	-1.65
MRPLK1LOAD_SIN		0.00	-16.95	7.01	-28.52	-0.04	-2.40	5.16	3.45	-1.43	-1.62	-1.28	0.57	0.75	1.56	1.07	0.29
PITCHRH_COS		7115.66	-9273.43	-234.08	-9.70	46.64	-67.93	31.81	-57.90	192.61	-20.78	96.69	125.45	-15.43	90.36	-34.08	-112.41
PITCHRH_SIN		0.00	1074.66	-1082.67	5.16	17.92	-1813.53	-147.43	182.43	-185.04	-176.73	-327.43	102.68	17.51	4.75	41.32	114.06
ROLLRH_COS		4320.15	-1035.06	1146.79	-187.84	74.97	-1132.27	-17.64	-85.60	-226.17	159.50	261.39	-8.11	-9.84	-11.87	-68.29	92.88
ROLLRH_SIN		0.00	-9492.08	-350.38	48.94	360.41	2089.11	-251.37	-210.20	-104.81	-87.45	24.32	6.40	-40.11	92.38	-33.71	106.51
TORQ_COS		129143.62	259.72	-11.51	122.73	81.40	28.89	7.81	-19.01	0.93	2.80	7.39	-2.64	0.35	-0.19	-4.00	5.76
TORQ_SIN		0.00	1143.79	-100.75	25.52	-138.45	251.20	4.37	39.39	-0.87	-6.19	60.53	4.10	-7.26	4.82	-3.29	-1.01
THRUST_COS		6916.44	-81.46	5.26	20.19	-2.66	23.02	3.58	7.62	-1.36	-3.90	14.14	-5.85	2.49	-5.26	3.03	-8.17
THRUST_SIN		0.00	-219.68	-10.56	-7.47	30.53	-35.05	3.81	10.65	-0.24	7.89	62.36	10.45	-5.37	1.37	-0.21	-12.15

RUN	POINT	Harmonics															
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-185.36	42.53	-26.28	-3.25	-6.97	-101.36	-0.57	3.05	3.45	-8.04	-9.53	1.96	-0.61	0.52	2.00	-2.52
SIDERH_SIN		0.00	237.47	5.62	0.27	-57.63	-239.89	-1.43	2.52	2.69	3.97	-7.46	0.77	0.49	-2.46	0.91	-2.85
DRAGRH_COS		-139.71	243.94	9.12	6.09	7.57	561.15	-16.97	-8.24	3.73	-1.70	-18.57	-3.69	-1.76	-3.96	1.36	5.15
DRAGRH_SIN		0.00	-44.70	14.14	0.75	2.34	348.49	25.51	2.49	-1.24	14.12	12.44	-5.87	3.75	-0.07	-1.99	-3.93

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.50	-2.73	-11.74	-0.37	-1.33	-0.30	0.35	-0.26	-0.14	-0.16	0.16	0.05	0.02	0.09	-0.13	0.02
ACT1FORCE_SIN		0.00	19.54	-2.22	-3.49	1.75	0.10	0.26	0.32	0.19	0.03	-0.31	0.08	-0.10	0.14	0.11	-0.02
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		433.98	13.54	102.84	3.34	13.83	3.61	-2.28	-0.01	0.02	0.02	0.01	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-138.98	6.69	26.68	-11.71	-5.97	2.91	0.00	0.00	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS		0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		371.67	-13.45	-103.04	-3.46	-13.81	-3.61	2.25	0.02	-0.02	-0.01	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN		0.00	139.24	-6.55	-26.77	11.66	6.00	-2.91	-0.02	-0.01	-0.01	0.00	0.01	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS		358.50	-2292.00	608.27	-145.38	-77.65	-140.08	-99.69	-3.73	10.24	-28.79	-22.27	-4.35	6.61	-7.98	-5.62	4.27
MRBLD1CB42P75_SIN		0.00	2172.02	53.98	163.40	272.40	-119.35	-4.55	-44.13	18.99	22.94	-107.66	4.75	11.68	13.29	-0.23	26.18

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		5006.94	-1736.95	426.68	-214.57	42.31	-192.54	-104.13	-4.53	11.88	-17.12	-35.85	-6.11	8.08	-2.71	-7.03	16.63
MRBLD1CB70_SIN		0.00	1651.34	-75.35	234.35	479.11	-169.76	82.98	-28.10	14.54	24.58	-53.54	1.56	4.65	7.29	-4.06	27.80
MRBLD1CB120_COS		-77.88	-963.27	359.57	-78.71	109.62	-158.61	-77.95	20.57	14.90	9.44	4.61	-3.29	-0.20	5.73	4.95	-1.02
MRBLD1CB120_SIN		0.00	1100.14	-77.31	179.11	550.67	-145.47	123.22	-64.10	-26.65	-33.20	64.78	5.01	1.44	-0.27	-3.67	1.70
MRBLD1CB164_COS		-1994.15	-328.88	78.25	20.77	30.07	-76.82	-35.94	16.22	-2.59	11.60	19.13	2.17	-6.35	0.83	0.05	-11.17
MRBLD1CB164_SIN		0.00	398.80	-18.32	91.10	229.51	-59.47	57.72	-15.07	-32.87	-37.15	51.21	10.91	3.48	-0.41	8.86	-16.21
MRBLD1FB42P75_COS		2505.13	503.73	267.81	725.96	-112.09	-51.75	-102.74	-138.25	-74.76	-109.98	-24.18	-3.31	2.88	4.47	-7.95	42.52
MRBLD1FB42P75_SIN		0.00	-514.43	451.42	414.17	420.88	171.89	-6.74	-218.11	-5.78	-35.54	-118.59	4.86	4.44	1.86	-20.13	7.53
MRBLD1FB70_COS		705.54	95.47	74.38	200.25	-38.44	-19.83	-23.13	-11.28	0.20	-0.89	-0.32	1.74	0.59	0.30	2.24	-7.52
MRBLD1FB70_SIN		0.00	-268.86	177.70	106.18	126.91	24.74	1.81	-33.43	5.58	6.44	2.58	2.19	1.18	0.33	3.71	-2.69
MRBLD1FB87_COS		100.03	114.15	-11.35	102.36	-27.90	-13.83	-2.74	10.96	12.43	22.01	8.90	2.59	0.43	-0.34	2.38	-8.65
MRBLD1FB87_SIN		0.00	-332.61	126.29	55.13	51.74	5.58	0.32	18.53	-0.35	8.27	29.67	-0.18	1.04	0.95	6.34	1.25
MRBLD1FB120_COS		-297.90	134.21	-112.73	97.66	-7.44	-17.40	3.47	14.52	-8.37	-8.48	-8.07	-9.39	-5.29	-1.78	-4.10	13.52
MRBLD1FB120_SIN		0.00	-478.78	131.08	135.94	10.98	10.76	5.08	55.42	-3.66	-9.48	-15.15	-4.11	-5.01	-4.46	-10.19	-2.14
MRBLD1FB164_COS		155.35	130.74	29.74	73.75	102.91	47.15	30.86	-9.09	2.73	12.60	8.45	5.70	2.37	-2.31	-1.66	-7.61
MRBLD1FB164_SIN		0.00	-637.23	227.13	265.77	-43.83	-42.18	-30.14	-76.51	7.36	12.68	23.08	0.33	2.00	2.39	4.66	0.94

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		71.76	-37.24	76.91	-0.11	75.92	47.61	12.30	-11.60	4.95	34.55	18.80	-8.24	-16.85	-8.35	-4.69	16.13
MRBLD1FB180_SIN		0.00	-457.19	161.08	156.87	-48.61	-19.86	-20.66	-71.06	9.50	20.94	62.26	-6.21	-10.94	-9.83	-12.83	-2.28
MRBLD1TOR51_COS		-1452.89	203.51	108.43	17.56	6.27	-6.09	15.71	-21.22	-7.37	2.04	-2.12	-1.74	-3.93	-0.12	1.89	4.57
MRBLD1TOR51_SIN		0.00	-142.69	193.79	98.45	14.84	18.84	-41.49	-39.97	-1.32	4.16	9.78	0.22	-5.11	-5.42	-3.76	3.48
MRBLD1TOR71_COS		-317.67	230.86	63.58	5.83	17.84	6.19	25.24	-17.52	-3.66	5.29	-2.56	-1.72	-2.61	0.37	1.21	2.04
MRBLD1TOR71_SIN		0.00	-150.14	160.94	52.13	-15.45	18.97	-35.32	-24.51	0.66	6.10	15.63	1.03	-4.06	-3.99	-1.39	2.49
MRBLD1TOR130_COS		-58.26	204.37	59.96	-16.51	27.70	10.07	22.59	-10.51	-0.86	-0.06	5.79	-0.73	0.00	-0.60	-2.05	-3.51
MRBLD1TOR130_SIN		0.00	-109.16	93.64	36.65	-30.31	10.96	-26.98	-27.40	0.36	-2.95	0.42	4.88	2.63	2.47	2.83	-0.29
MRBLD1TOR164_COS		-299.41	114.32	32.16	-25.50	1.78	-1.44	6.38	-6.28	0.92	3.83	-0.68	-1.75	0.90	-0.57	-1.24	-1.86
MRBLD1TOR164_SIN		0.00	-17.97	20.91	-25.53	-14.67	10.92	-14.14	-10.17	0.93	1.24	3.96	-0.95	0.09	1.14	-0.59	-0.08
MRFBM2CB26P5_COS		2782.40	-1571.74	-321.71	-27.14	-78.31	-13.16	28.79	-0.37	-0.12	-4.20	6.85	1.47	0.10	-0.22	0.27	-1.97
MRFBM2CB26P5_SIN		0.00	-1014.45	64.29	92.48	50.95	-18.09	2.43	1.34	0.30	-0.07	-11.26	0.46	0.73	-0.09	-0.45	-0.50
MRFBM2FB9_COS		1176.33	10.58	-307.63	-110.92	41.05	23.43	12.49	-2.69	2.33	2.80	-2.42	0.60	0.45	0.32	-0.57	0.19
MRFBM2FB9_SIN		0.00	-66.32	-233.68	-188.46	-52.05	-6.22	10.55	13.66	2.74	3.07	3.75	0.33	0.15	-0.03	0.56	-1.77
MRFBM2TOR26P5_COS		-100.18	343.08	-3.55	1.27	-0.24	0.14	0.91	0.24	0.23	0.19	-0.02	0.14	0.08	-0.01	-0.01	0.07
MRFBM2TOR26P5_SIN		0.00	-2.13	1.53	-1.46	-0.16	0.28	-0.18	0.08	-0.08	0.03	0.07	0.14	0.07	0.15	-0.09	-0.07

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		806.01	-1583.55	520.94	-73.95	-64.54	-90.62	-92.82	-4.96	18.55	-17.53	-15.61	-0.84	6.53	-5.24	-1.02	1.82
MRPC1CB33P25_SIN		0.00	1800.33	15.06	100.70	134.00	-57.51	-14.21	-42.31	2.69	-5.37	-79.23	3.59	7.92	10.84	-3.66	22.52
MRPC1FB33P25_COS		1910.41	425.18	87.71	553.64	-172.82	-91.85	-83.09	-23.98	-47.83	-57.08	55.50	-1.37	1.91	-0.26	10.42	16.06
MRPC1FB33P25_SIN		0.00	-235.94	389.64	469.61	336.21	118.29	-37.92	-240.72	-46.40	-87.02	-103.14	3.05	5.68	7.56	-17.19	45.18
MRPC1TOR25P5_COS		-266.19	-111.59	-137.38	14.21	-16.30	8.99	-17.96	22.44	9.97	0.71	9.03	2.48	5.92	-1.47	-4.34	-9.31
MRPC1TOR25P5_SIN		0.00	-175.58	-194.67	-91.56	4.10	-25.16	51.37	37.06	-2.20	-9.96	-16.14	5.89	10.43	9.75	7.39	2.88
MRPLK1LOAD_COS		15.47	-18.99	-19.55	-0.72	-3.15	3.42	-3.70	2.99	2.05	0.45	1.98	-0.22	0.68	-0.21	-1.06	-1.95
MRPLK1LOAD_SIN		0.00	-18.23	-27.75	-15.32	1.40	-3.64	6.31	5.06	0.28	-0.68	-1.71	0.32	1.22	1.71	1.15	0.89
PITCHRH_COS		8216.86	-9202.67	-299.71	53.92	9.89	-650.39	172.24	-33.89	105.60	-94.77	87.74	-20.00	-36.40	68.36	-53.34	-129.88
PITCHRH_SIN		0.00	821.98	-631.20	12.64	-124.06	358.09	210.71	69.52	-65.87	-72.46	-343.78	42.37	-62.31	58.54	9.85	103.73
ROLLRH_COS		4693.02	-1005.71	728.23	-130.74	302.54	-2259.43	-136.76	13.02	-222.13	155.77	166.12	-31.02	-3.30	-55.04	10.97	139.86
ROLLRH_SIN		0.00	-9421.75	-307.35	123.20	52.39	977.11	-27.40	-127.33	-125.21	-74.82	35.40	-40.41	-15.03	30.67	-22.94	51.82
TORQ_COS		130976.89	255.63	4.76	77.30	-45.58	22.18	9.28	12.79	-2.31	-0.15	-10.34	-2.99	1.52	0.79	-5.12	7.90
TORQ_SIN		0.00	1240.81	-67.31	128.29	-126.08	25.47	6.42	35.10	-5.77	-6.19	57.78	5.46	-7.42	5.91	-1.29	-2.03
THRUST_COS		7003.58	-76.64	-3.70	22.93	11.72	34.90	9.79	17.00	-3.67	0.48	0.44	-3.87	0.45	-2.09	1.18	-16.56
THRUST_SIN		0.00	-255.16	21.88	3.50	27.42	-68.90	9.62	2.58	-0.43	1.16	54.47	3.63	-0.84	-0.84	2.63	-14.71

RUN	POINT	Harmonics															
63	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-174.70	40.57	-14.22	-2.85	-14.77	38.60	15.37	-1.19	2.35	-5.85	-5.37	0.72	-0.25	1.52	-0.38	-3.73
SIDERH_SIN		0.00	237.89	0.13	2.89	20.37	-156.60	-9.61	4.42	3.22	4.06	-6.26	2.20	-0.24	-0.71	0.31	-1.30
DRAGRH_COS		-135.95	245.33	0.83	2.20	9.36	252.49	-49.47	0.36	0.71	1.79	-13.89	3.11	-0.20	-2.02	2.81	7.32
DRAGRH_SIN		0.00	-43.72	13.23	-1.47	-4.69	161.77	-9.44	-0.13	-4.68	8.88	9.36	-1.43	4.42	-1.59	-0.37	-4.81

Appendix H- Vibration Reduction Static Data

Vibration reduction with closed loop feedback of vibratory hub loads was demonstrated using a CTHHC (ref. 11). Numerous active flap frequency sweeps were conducted to obtain data required for the flight controls objective and for determining the parameters for the closed loop CTHHC vibration controllers. Open loop flap 4P, 5P, and 6P inputs with phase sweeps were used to establish the effectiveness of the flap in reducing vibratory hub loads. The flaps were driven using open loop voltage commands without position feedback control. The effectiveness of the active flap to modify the aerodynamic loading and reduce vibratory hub loads was evaluated at two flight conditions, descent ($\mu = 0.2$, $\alpha = 2$ deg) and level flight ($\mu = 0.3$, $\alpha = -9.1$ deg). All test conditions for vibration reduction are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices H and I contain vibration reduction data that *were* subjected to the control criteria.

Vibration Reduction	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	2	0.075	2,3,4,5,6
	2	82	0.2	0.623	2	0.075	closed loop
	3	124	0.3	0.623	-9.1	0.075	2,3,4,5,6
	4	124	0.3	0.623	-9.1	0.075	closed loop

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
45	83	5802	0.075692	0.623	0.746	1956	8895	30804	-172	-134
22	3	4.15	-2.04	2.42	0.26, 0.43, 0.11	0, 107, 172	multiple(0, 1, 3)	22.47	1135	0.001979
	195	0.124	0.199	707	399	2099	0.002276	536	3.83411E-07	
45	83	5747	0.074982	0.622	0.746	1714	9695	30953	-170	-121
23	3	4.15	-2.04	2.25	0.36, 0.51, 0.14, 0.10, 0.34	0, 92, 164, -167, 131	multiple(0, 1, 3, 4, 5)	22.39	1135	0.001988
	196	0.123	0.199	707	399	2099	0.002276	536	3.83487E-07	
45	83	5768	0.075309	0.622	0.746	2057	11354	30412	-169	-108
24	3	4.15	-2.04	2.25	0.39, 0.55, 0.12	0, 142, -173	multiple(0, 1, 3)	22.43	1135	0.001955
	192	0.124	0.199	706	399	2099	0.002274	536	3.83640E-07	
45	83	5763	0.075113	0.623	0.746	1518	8527	30966	-172	-121
25	3	4.15	-2.04	2.25	0.45, 0.57, 0.22, 0.29, 0.10, 0.33	0, 134, 121, 165, 6, 132	multiple(0, 1, 2, 3, 4, 5)	22.43	1135	0.001987
	196	0.124	0.199	707	399	2099	0.002274	536	3.83674E-07	
45	83	5706	0.074368	0.623	0.746	1377	8210	31424	-170	-122
26	3	4.15	-2.04	2.25	0.47, 0.50, 0.17, 0.10, 0.23	0, 101, -170, -142, -74	multiple(0, 1, 3, 4, 5)	22.43	1135	0.002016
	199	0.124	0.199	707	399	2099	0.002273	536	3.83701E-07	
45	83	5662	0.073831	0.623	0.746	1129	7965	31664	-171	-123
27	3	4.15	-2.04	2.25	0.49, 0.50, 0.18, 0.11, 0.28	0, 97, -180, -142, -92	multiple(0, 1, 3, 4, 5)	22.43	1135	0.002033
	201	0.124	0.199	707	399	2099	0.002273	536	3.83705E-07	
45	83	5841	0.076151	0.623	0.746	1726	9646	30209	-169	-107
28	3	4.15	-2.04	2.24	0.40, 0.24	0, -58	multiple(0, 1)	22.45	1136	0.001939
	191	0.124	0.199	707	399	2099	0.002272	537	3.83845E-07	
45	83	5735	0.074809	0.623	0.746	1529	9372	30862	-170	-109
29	3	4.15	-2.04	2.24	0.37, 0.28, 0.23, 0.21, 0.18, 0.24	0, -17, 6, -171, 134, -62	multiple(0, 1, 2, 3, 4, 5)	22.42	1136	0.001982
	195	0.124	0.199	707	399	2099	0.002272	537	3.83896E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
45	83	5756	0.075105	0.623	0.746	1493	9830	30738	-170	-107
30	3	4.15	-2.04	2.24	0.53, 0.43, 0.11	0, 107, 173	multiple(0, 1, 3)	22.40	1136	0.001975
	195	0.123	0.199	707	399	2099	0.002272	537	3.83885E-07	
46	123	5732	0.076006	0.622	0.808	3822	11572	101611	-148	-45
22	-9	10.07	-1.60	5.51	0.59, 0.60, 0.34, 0.13	0, 109, -152, -56	multiple(0, 1, 2, 3)	49.78	1116	0.006634
	632	0.185	0.299	694	392	2068	0.002316	518	3.73522E-07	
46	123	5707	0.075573	0.623	0.808	3416	11031	102476	-148	-61
23	-9	10.07	-1.59	5.63	0.35, 0.90, 0.51, 0.28, 0.17, 0.67	0, 134, -154, 10, 138, 61	multiple(0, 1, 2, 3, 4, 5)	49.72	1117	0.006681
	638	0.185	0.298	695	392	2068	0.002313	519	3.73914E-07	
46	123	5729	0.075868	0.623	0.809	4201	11584	102745	-144	-60
24	-9	10.07	-1.60	5.63	0.28, 0.82, 0.22, 0.73, 0.20, 0.34	0, 143, -162, -22, -35, -76	multiple(0, 1, 2, 3, 4, 5)	49.91	1117	0.006700
	640	0.186	0.299	696	393	2068	0.002310	519	3.74151E-07	
46	123	5713	0.075679	0.623	0.808	4812	11174	102402	-136	-61
25	-9	10.07	-1.55	5.63	0.26, 0.83, 0.15, 0.74, 0.22, 0.44	0, 147, -153, -19, -49, -81	multiple(0, 1, 2, 3, 4, 5)	49.94	1117	0.006679
	638	0.186	0.299	696	393	2068	0.002309	519	3.74281E-07	
57	125	5700	0.074860	0.623	0.809	1560	8719	104559	-144	-63
47	-9	10.13	-1.68	5.83	0.31, 0.58, 0.33, 0.13	0, 110, -150, -51	multiple(0, 1, 2, 3)	50.44	1129	0.006761
	659	0.186	0.299	703	397	2084	0.002282	530	3.80326E-07	
57	125	5616	0.073918	0.622	0.808	459	9346	103376	-149	-43
50	-9	10.10	-1.68	5.68	0.42, 0.86, 0.54, 0.19, 0.20, 0.86	0, 131, -146, 4, 123, 63	multiple(0, 1, 2, 3, 4, 5)	50.48	1130	0.006699
	651	0.186	0.299	703	397	2084	0.002277	531	3.80964E-07	
57	124	5687	0.074726	0.623	0.808	835	8970	103782	-151	-46
51	-9	10.10	-1.68	5.68	0.39, 0.88, 0.57, 0.28, 0.20, 0.89	0, 130, -147, 11, 131, 57	multiple(0, 1, 2, 3, 4, 5)	50.26	1130	0.006714
	654	0.186	0.299	704	397	2084	0.002277	532	3.80983E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
57	125	5713	0.075140	0.622	0.808	3078	11337	102807	-140	-27
52	-9	10.07	-1.59	5.60	0.42, 0.62, 0.34, 0.15, 0.21	0, 117, -158, -58, -48	multiple(0, 1, 2, 3, 5)	50.27	1130	0.006657
	648	0.186	0.299	704	397	2084	0.002276	532	3.81110E-07	
57	125	5704	0.074960	0.623	0.808	2751	11117	103697	-141	-25
53	-9	10.07	-1.59	5.60	0.28, 0.89, 0.34, 0.71, 0.26, 0.40	0, 154, -134, -20, -53, -60	multiple(0, 1, 2, 3, 4, 5)	50.28	1131	0.006710
	654	0.186	0.299	704	397	2084	0.002275	532	3.81218E-07	
58	61	5914	0.076501	0.623	0.715	1962	8425	31326	-165	-266
25	5	4.05	-2.38	1.76	0.51, 0.42, 0.12, 0.14, 0.90	0, 85, 53, 166, 47	multiple(0, 1, 2, 3, 5)	12.64	1121	0.001995
	196	0.092	0.149	698	394	2117	0.002349	523	3.76253E-07	
58	68	5692	0.075150	0.617	0.718	1503	9711	35177	-165	-218
60	3	4.48	-2.30	2.06	0.44, 0.49, 0.10, 0.36, 0.20, 0.31	0, 89, 163, -137, 109, -61	multiple(0, 1, 3, 4, 5, 6)	15.19	1126	0.002287
	219	0.101	0.165	695	392	2114	0.002324	528	3.78850E-07	
58	68	5650	0.074632	0.617	0.718	1371	10306	35417	-166	-213
61	3	4.48	-2.30	2.06	0.50, 0.37, 0.10	0, 106, 174	multiple(0, 1, 3)	15.23	1126	0.002303
	220	0.101	0.165	695	392	2114	0.002324	528	3.78865E-07	
61	83	5751	0.074859	0.623	0.746	2358	9902	31228	-149	-185
4	3	4.21	-1.91	2.35	0.50, 0.43, 0.11	0,107, 169	multiple(0, 1, 3)	22.26	1137	0.002001
	198	0.123	0.198	708	399	2104	0.002272	537	3.84280E-07	
61	83	5857	0.076356	0.623	0.746	1594	10768	31745	-157	-169
5	3	4.33	-2.03	2.38	0.50, 0.53, 0.11, 0.10, 0.67	0, 90, 152, 175, 61	multiple(0, 1, 3, 4, 5)	22.45	1137	0.002038
	201	0.123	0.199	708	399	2104	0.002269	538	3.84600E-07	
61	84	5925	0.077099	0.623	0.747	1636	10177	31352	-158	-170
6	3	4.31	-2.03	2.38	0.55, 0.77, 0.20, 0.35, 0.11, 0.27	0, 131, 97, 121, 19, 87	multiple(0, 1, 2, 3, 4, 5)	22.54	1138	0.002009
	199	0.124	0.199	709	400	2104	0.002267	538	3.84800E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
61	84	5765	0.075030	0.623	0.747	1093	9168	31658	-160	-186
7	3	4.28	-2.04	2.53	0.59, 0.55, 0.16, 0.15, 0.56	0, 91, 152, -179, 136	multiple(0, 1, 3, 4, 5)	22.62	1138	0.002029
	201	0.124	0.199	709	400	2104	0.002267	539	3.84882E-07	
61	84	5974	0.077833	0.623	0.747	1680	9380	32148	-164	-177
8	3	4.43	-2.05	2.53	0.53, 1.09, 0.17, 0.27, 0.25, 0.44	0, -158, -100, -171, -153, 84	multiple(0, 1, 2, 3, 4, 5)	22.59	1138	0.002062
	204	0.124	0.199	709	400	2104	0.002265	539	3.85141E-07	
61	84	5915	0.077035	0.623	0.747	1460	8538	32740	-168	-181
9	3	4.42	-2.04	2.53	0.55, 0.66, 0.23, 0.59, 0.88, 1.49	0, 93, 145, 76, 22, -49	multiple(0, 1, 3, 4, 5, 6)	22.60	1139	0.002099
	208	0.124	0.199	709	400	2103	0.002263	539	3.85340E-07	
61	84	5771	0.075228	0.623	0.747	964	9743	31831	-166	-177
10	3	4.29	-2.05	2.52	0.74, 0.72, 0.25, 0.80, 1.18, 0.87	0, 103, 139, 85, 34, -11	multiple(0, 1, 3, 4, 5, 6)	22.62	1139	0.002043
	202	0.124	0.199	709	400	2103	0.002262	540	3.85453E-07	
61	84	5758	0.075048	0.623	0.747	865	7730	31946	-165	-192
11	3	4.29	-2.05	2.52	1.12, 0.43, 0.12	0, 107, 169	multiple(0, 1, 3)	22.63	1139	0.002050
	203	0.124	0.200	709	400	2103	0.002262	540	3.85475E-07	
63	124	5695	0.075215	0.623	0.810	3425	9101	103790	-147	-61
21	-9	10.13	-1.59	5.73	0.28, 0.61, 0.35, 0.13	0, 108, -152, -54, 139	multiple(0, 1, 2, 3, 4)	50.72	1118	0.006749
	648	0.187	0.301	697	393	2074	0.002311	520	3.74715E-07	
63	124	5780	0.076431	0.623	0.809	3899	9201	104404	-143	-65
22	-9	10.18	-1.57	5.80	0.29, 0.76, 0.45, 0.13, 0.12	0, 101, -156, -65, 138, -78	multiple(0, 1, 2, 3, 4, 5)	50.57	1119	0.006797
	652	0.187	0.300	697	393	2074	0.002307	521	3.75265E-07	
63	124	5603	0.074146	0.622	0.809	3324	7539	103063	-139	-82
23	-9	10.12	-1.56	5.78	0.34, 0.76, 0.42, 0.11, 0.10	0, 151, -57, 77, -19, 143	multiple(0, 1, 2, 3, 4, 5)	50.56	1120	0.006716
	643	0.187	0.301	697	393	2074	0.002306	522	3.75425E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
63	124	5741	0.075891	0.623	0.809	3588	9358	104705	-138	-66
24	-9	10.14	-1.57	5.86	0.22, 0.89, 0.50, 0.31, 0.24, 0.87	0, 134, -150, 10, 138, 81, -5 multiple(0, 1, 2, 3, 4, 5,6)	50.53	1120	0.006815	
	654	0.187	0.300	697	393	2074	0.002304	522	3.75686E-07	
63	124	5702	0.075323	0.623	0.809	3585	11483	104133	-133	-39
25	-9	10.15	-1.51	5.55	0.39, 0.80, 0.56, 0.29, 0.27, 1.04	0, 125, -159, 2, 116, 44, -64 multiple(0, 1, 2, 3, 4, 5,6)	50.44	1120	0.006773	
	651	0.186	0.300	698	394	2074	0.002302	522	3.75840E-07	

Appendix I- Vibration Reduction Dynamic Data

Vibration reduction with closed loop feedback of vibratory hub loads was demonstrated using a CTHHC (ref. 11). Numerous active flap frequency sweeps were conducted to obtain data required for the flight controls objective and for determining the parameters for the closed loop CTHHC vibration controllers. Open loop flap 4P, 5P, and 6P inputs with phase sweeps were used to establish the effectiveness of the flap in reducing vibratory hub loads. The flaps were driven using open loop voltage commands without position feedback control. The effectiveness of the active flap to modify the aerodynamic loading and reduce vibratory hub loads was evaluated at two flight conditions, descent ($\mu = 0.2$, $\alpha = 2$ deg) and level flight ($\mu = 0.3$, $\alpha = -9.1$ deg). All test conditions for vibration reduction are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices H and I contain vibration reduction data that *were* subjected to the control criteria.

Vibration Reduction	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	2	0.075	2,3,4,5,6
	2	82	0.2	0.623	2	0.075	closed loop
	3	124	0.3	0.623	-9.1	0.075	2,3,4,5,6
	4	124	0.3	0.623	-9.1	0.075	closed loop

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 165	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque, in-lb	in-lbf	drag
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DAGRHR	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

RUN	POINT	Harmonics															
45	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.26	-0.13	-0.04	-0.11	-0.06	-0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.41	0.02	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.97	-3.79	-1.23	-3.36	-1.85	-0.41	0.20	0.77	0.22	0.15	0.23	0.35	0.21	0.09	0.10	-0.11
ACT1FORCE_SIN		0.00	14.22	0.15	0.99	-0.53	-0.90	-0.69	-0.40	0.05	0.19	-0.05	0.18	0.16	0.08	0.05	0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.40	-0.12	0.01	-0.02	0.05	0.05	0.04	-0.01	0.00	-0.02	0.01	-0.02	-0.02	-0.02	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-0.04	0.00	-0.11	-0.06	-0.02	0.01	0.06	0.02	0.02	0.02	0.01	0.01	0.00	-0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.94	0.13	0.00	0.03	-0.05	-0.04	-0.04	0.00	0.01	0.02	-0.02	0.02	0.02	0.02	0.00	-0.01
FA1OBVOLTAGE_SIN		0.00	0.06	0.00	0.11	0.07	0.01	-0.02	-0.05	-0.01	-0.02	-0.03	-0.01	-0.01	0.00	0.02	0.02
MRBLD1CB42P75_COS		-4317.53	-1593.96	12.63	257.77	-31.66	-87.45	-44.18	-148.51	40.44	35.62	30.92	5.96	-7.60	-9.58	-64.05	5.66
MRBLD1CB42P75_SIN		0.00	-183.32	-37.38	72.61	188.25	5.41	9.19	12.71	-50.21	-0.94	-90.11	51.02	16.12	11.91	23.30	-17.17

RUN	POINT	Harmonics															
45	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2830.50	-980.86	274.59	157.76	-5.29	-89.27	-52.77	-96.07	26.97	34.40	9.32	8.49	-0.04	-1.23	-46.84	7.90
MRBLD1CB70_SIN		0.00	-103.85	-53.40	109.63	328.57	42.62	46.49	32.34	-33.25	2.54	-72.58	28.81	7.61	8.39	20.88	-16.12
MRBLD1CB120_COS		-427.55	-394.10	410.86	161.08	14.82	-43.75	-29.62	-18.79	-35.43	-4.70	5.91	2.18	5.98	6.62	-1.65	3.27
MRBLD1CB120_SIN		0.00	44.66	-133.77	31.18	295.84	60.01	63.38	28.89	-4.65	-8.80	56.31	-15.91	2.41	2.90	-7.00	-8.03
MRBLD1CB164_COS		-1939.00	-124.99	130.32	37.08	-29.68	-11.40	7.47	42.97	-34.88	-12.60	4.95	-0.87	2.17	1.95	28.53	-10.02
MRBLD1CB164_SIN		0.00	69.11	-51.11	21.77	116.38	28.33	18.08	0.17	-1.21	-20.60	60.44	-8.57	6.16	-1.19	-7.85	11.18
MRBLD1FB42P75_COS		3157.81	265.44	-389.94	543.34	-92.00	-73.89	-82.22	-301.15	-100.98	-21.81	74.99	55.30	35.01	21.66	-48.76	-44.85
MRBLD1FB42P75_SIN		0.00	32.01	-8.05	109.98	80.08	82.67	21.14	99.46	-89.09	-85.14	-87.81	31.58	18.50	23.95	129.98	-43.72
MRBLD1FB70_COS		400.84	4.48	-181.98	153.72	-36.84	-16.01	-6.63	-41.84	-2.98	2.77	-1.17	-1.54	-4.09	-4.51	12.29	11.03
MRBLD1FB70_SIN		0.00	-196.50	16.66	27.41	16.62	9.82	9.30	27.64	-4.47	2.68	2.58	3.26	2.16	-2.93	-26.79	9.41
MRBLD1FB87_COS		-88.85	29.04	-154.35	46.44	-44.52	-21.58	-2.80	29.71	15.84	7.23	-9.57	-10.23	-4.55	-4.60	5.64	4.56
MRBLD1FB87_SIN		0.00	-189.63	42.25	51.87	10.10	0.84	-2.70	-9.15	9.14	11.27	21.19	-7.30	-2.31	-1.89	-26.19	6.78
MRBLD1FB120_COS		-475.17	26.58	-241.49	2.35	-23.46	0.90	10.66	60.38	4.22	-7.75	-4.60	1.37	5.17	7.82	-10.43	-7.38
MRBLD1FB120_SIN		0.00	-222.77	86.46	120.31	28.87	-6.52	-20.14	-41.46	8.07	-1.69	-10.73	-0.83	-4.62	-0.38	37.41	-11.04
MRBLD1FB164_COS		-240.90	75.20	-323.69	71.61	120.47	62.37	10.48	-90.08	-8.69	8.42	0.86	-3.97	-3.53	-2.17	6.15	0.49
MRBLD1FB164_SIN		0.00	-333.53	96.98	144.68	37.95	-20.37	25.08	48.19	-16.44	1.42	17.61	-3.38	-1.19	1.05	-17.73	5.12

RUN	POINT	Harmonics															
45	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-254.60	24.81	-176.44	41.03	104.14	46.87	-15.62	-83.11	14.64	10.10	-31.33	-16.70	13.83	15.59	-16.91	-11.72
MRBLD1FB180_SIN		0.00	-250.43	62.04	65.41	21.06	-11.94	24.81	54.57	-17.86	-6.18	42.02	-5.98	-5.15	-4.46	43.22	-12.30
MRBLD1TOR51_COS		-1471.74	89.17	-2.39	96.01	-7.02	-32.98	-3.02	-33.78	9.64	5.54	-8.90	0.04	5.69	2.89	-12.66	0.66
MRBLD1TOR51_SIN		0.00	-142.39	11.94	34.80	28.94	16.19	-5.20	37.27	-2.45	-5.73	-3.45	-4.81	2.07	3.83	5.72	-7.78
MRBLD1TOR71_COS		-307.06	105.76	-10.23	70.83	2.48	-20.73	3.17	-17.47	7.76	2.24	-11.10	-1.55	4.62	4.11	-7.43	-0.45
MRBLD1TOR71_SIN		0.00	-137.50	6.29	15.74	15.21	14.72	-1.04	38.50	5.50	-1.37	2.00	-4.48	0.50	2.18	1.71	-4.14
MRBLD1TOR130_COS		-63.23	93.63	11.99	45.71	15.54	-14.18	2.28	-18.68	4.88	2.81	3.42	-1.91	-1.03	-0.76	0.33	-1.73
MRBLD1TOR130_SIN		0.00	-126.62	2.72	5.01	15.98	16.92	2.78	29.27	1.83	0.06	5.54	9.66	3.70	-0.17	-4.84	3.85
MRBLD1TOR164_COS		-248.99	52.12	61.08	14.83	-0.98	-17.83	-4.66	-3.06	4.81	2.76	-1.26	-0.52	1.59	2.96	-3.30	-0.57
MRBLD1TOR164_SIN		0.00	-70.21	-5.38	-21.16	2.20	12.18	5.22	18.78	3.01	-0.70	5.03	5.30	3.23	0.28	-3.25	-0.60
MRFBM2CB26P5_COS		-1994.49	-133.39	14.34	-68.18	-26.90	6.08	7.82	4.40	2.36	-3.86	6.88	-1.02	-1.84	-0.10	0.96	-2.43
MRFBM2CB26P5_SIN		0.00	-500.31	-12.81	-35.53	-0.83	4.23	0.84	-8.84	8.12	-0.66	-0.07	1.29	-0.61	-1.51	3.41	-2.48
MRFBM2FB9_COS		291.64	-38.68	-124.29	30.78	6.95	13.24	3.41	-10.01	0.98	2.06	-3.25	0.21	1.42	-0.53	-1.14	0.75
MRFBM2FB9_SIN		0.00	-157.25	61.76	121.48	-4.01	-7.85	8.16	15.73	-5.70	1.60	-0.39	-0.38	0.35	0.83	-3.66	1.43
MRFBM2TOR26P5_COS		-422.79	124.49	1.20	0.06	0.10	-0.25	-0.26	-0.07	-0.08	0.08	-0.11	0.09	0.00	-0.02	0.15	0.09
MRFBM2TOR26P5_SIN		0.00	48.21	0.31	-0.95	0.55	-0.60	0.04	-0.25	-0.24	0.01	0.00	-0.08	0.03	0.01	-0.08	0.10

RUN	POINT	Harmonics															
45	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-867.03	-1457.57	-59.76	275.36	-31.55	-60.78	-29.50	-129.50	18.71	22.29	33.84	6.20	-2.06	-6.07	-59.78	5.17
MRPC1CB33P25_SIN		0.00	-128.35	-20.67	17.27	86.12	-1.81	-4.84	-0.35	-52.08	-13.68	-51.39	38.46	16.05	12.86	19.87	-20.60
MRPC1FB33P25_COS		2236.22	185.64	-333.65	421.37	-98.95	-85.75	-71.37	-271.86	-32.70	30.18	104.32	20.02	10.67	-5.72	-144.93	14.10
MRPC1FB33P25_SIN		0.00	197.73	-73.34	190.85	54.56	47.52	-13.85	-45.82	-114.29	-72.69	-23.27	57.92	36.83	32.36	33.29	-64.38
MRPC1TOR25P5_COS		-739.45	-68.77	-38.53	-90.47	0.94	23.31	-5.20	22.24	-11.54	-1.75	17.07	0.16	-7.66	-2.96	-6.83	-1.39
MRPC1TOR25P5_SIN		0.00	203.76	-52.89	-9.42	-17.50	-11.39	7.07	-43.74	-5.67	4.90	1.20	15.89	0.69	-1.38	-11.04	1.11
MRPLK1LOAD_COS		-78.65	-1.78	-2.33	-11.41	0.50	3.80	-0.12	4.29	-1.33	-0.40	2.28	-0.67	-1.06	-0.41	-0.78	-0.49
MRPLK1LOAD_SIN		0.00	-2.72	-3.93	-2.97	-3.45	-1.57	0.63	-5.43	-0.48	0.29	0.92	2.24	-0.17	-0.60	-3.15	0.54
PITCHRH_COS		8895.41	-9079.73	-986.37	-63.33	-13.24	-503.59	-92.71	5.11	26.53	-16.38	109.79	-77.76	12.67	-114.85	11.34	-452.05
PITCHRH_SIN		0.00	2280.53	-757.30	142.48	21.74	223.98	53.90	86.72	-86.22	-93.21	-237.38	-34.08	24.11	32.92	-18.73	162.24
ROLLRH_COS		1956.36	-1866.70	706.49	-16.30	-322.94	-637.57	-197.12	-18.52	133.88	125.73	303.00	-16.83	-31.73	-3.60	-47.16	-532.48
ROLLRH_SIN		0.00	-8805.56	-1204.90	-93.74	75.45	179.91	-373.10	14.43	30.89	1.75	22.81	-82.97	98.74	131.11	-43.61	-542.63
TORQ_COS		30803.89	277.17	-20.77	-12.49	-78.56	78.19	0.44	25.81	-25.40	-0.06	-7.47	3.65	7.34	-1.44	-2.15	30.58
TORQ_SIN		0.00	717.19	-9.41	-0.34	-133.06	55.18	2.59	15.69	-2.82	-5.77	-3.91	6.19	-10.18	7.33	-12.94	-14.11
THRUST_COS		5802.40	19.95	8.63	-7.32	21.15	39.67	7.35	14.19	-1.76	-5.17	-34.89	3.33	3.86	2.35	5.80	5.53
THRUST_SIN		0.00	-108.28	-1.50	13.15	40.03	-33.39	5.60	3.81	-2.09	0.58	16.75	-1.48	-4.35	-0.95	-13.44	35.92

RUN	POINT	Harmonics															
45	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-171.58	16.57	-15.29	-0.42	12.41	23.38	14.30	-1.97	-2.98	-6.95	-12.07	0.88	1.15	0.09	1.20	15.54
SIDERH_SIN		0.00	198.20	19.32	2.29	-55.08	-61.53	15.26	-0.83	-0.21	0.80	-0.48	4.41	-3.15	-3.70	1.03	15.58
DRAGRH_COS		-133.75	249.42	16.17	0.92	-4.82	60.88	-12.43	-2.61	-0.13	0.32	1.28	5.73	-2.89	6.21	-0.86	18.40
DRAGRH_SIN		0.00	-65.41	11.97	0.69	6.62	42.26	-33.04	4.21	5.04	4.65	12.53	-2.75	2.33	-1.88	-0.80	-7.81

RUN	POINT	Harmonics															
45	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.36	-0.01	-0.02	-0.13	-0.10	-0.23	0.01	0.01	0.01	-0.02	0.01	-0.01	0.00	0.01	0.00	-0.01
FLAP1C_SIN		0.00	0.51	0.04	0.04	-0.02	0.26	0.01	0.03	0.00	-0.01	-0.01	0.00	0.01	0.01	0.00	-0.02
ACT1DISP_COS		2.60	0.00	0.00	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	-0.01	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.31	-0.40	-0.78	-4.18	-3.11	-3.87	0.47	0.03	0.25	-0.24	0.63	-0.25	0.03	0.20	0.29	0.01
ACT1FORCE_SIN		0.00	16.08	1.29	1.27	-0.17	-5.22	0.28	0.69	0.18	-0.13	-0.24	-0.29	0.02	0.02	0.14	-0.58
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.48	0.44	0.18	-0.28	-1.00	-5.82	0.25	0.35	-0.06	0.03	-0.23	-0.01	-0.01	-0.01	-0.02	0.09
FA1IBVOLTAGE_SIN		0.00	-1.31	-0.04	-0.02	1.51	115.08	-0.36	-0.11	0.04	0.00	0.50	-0.09	-0.08	0.00	-0.05	0.05
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.92	-0.44	-0.17	0.29	1.01	5.76	-0.26	-0.35	0.07	-0.04	0.24	0.01	0.01	0.02	0.01	-0.08
FA1OBVOLTAGE_SIN		0.00	1.32	0.04	0.02	-1.53	-115.33	0.37	0.11	-0.02	0.01	-0.34	0.10	0.07	0.01	0.04	-0.06
MRBLD1CB42P75_COS		-4312.32	-1438.35	11.72	241.95	-43.96	-15.52	-50.52	-70.64	27.95	25.17	68.16	-0.85	-13.38	-7.92	-60.01	8.02
MRBLD1CB42P75_SIN		0.00	-208.12	-47.68	44.37	195.90	-8.02	27.08	-14.71	-50.91	-2.47	-69.29	61.54	18.52	14.32	17.95	-18.90

RUN	POINT	Harmonics															
45	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2827.61	-885.04	281.19	147.80	-45.94	-29.30	-64.33	-38.01	17.06	25.24	26.96	5.07	-4.27	-1.57	-42.55	9.81
MRBLD1CB70_SIN		0.00	-119.80	-53.58	76.55	348.64	17.54	92.93	12.18	-37.98	-0.44	-64.64	34.29	9.72	7.85	14.83	-20.29
MRBLD1CB120_COS		-444.17	-362.30	417.03	148.60	-21.73	-4.68	-49.47	1.18	-28.17	-5.49	-11.55	5.51	9.70	6.13	-1.23	2.51
MRBLD1CB120_SIN		0.00	38.68	-125.04	1.45	333.73	19.89	124.15	28.57	-4.39	-14.66	44.87	-20.82	1.01	1.02	-6.77	-9.21
MRBLD1CB164_COS		-1943.56	-118.21	130.40	28.87	-46.62	-14.51	-4.93	25.26	-27.52	-11.01	-6.48	1.75	6.00	4.03	25.26	-11.28
MRBLD1CB164_SIN		0.00	70.64	-46.91	11.44	135.94	9.89	42.88	8.37	1.18	-22.19	56.13	-11.34	5.37	-1.62	-4.80	14.30
MRBLD1FB42P75_COS		3144.93	223.23	-395.64	465.30	-36.01	0.61	-77.49	-199.79	-93.53	-41.18	115.63	52.99	34.30	25.13	-52.39	-47.30
MRBLD1FB42P75_SIN		0.00	31.23	-29.77	78.81	135.13	-8.43	42.27	32.60	-72.23	-75.78	-85.71	47.40	22.72	27.01	119.81	-44.78
MRBLD1FB70_COS		399.88	0.91	-185.35	128.04	-25.54	2.82	-7.12	-23.12	-2.17	2.23	1.03	-0.72	-3.32	-4.79	12.78	11.33
MRBLD1FB70_SIN		0.00	-194.26	8.66	17.53	35.19	-13.03	14.36	13.04	-3.55	2.48	1.98	2.68	1.78	-3.66	-25.11	8.98
MRBLD1FB87_COS		-85.29	27.23	-156.59	35.04	-40.90	-21.37	-3.24	20.27	15.51	9.99	-20.41	-9.67	-4.47	-5.53	6.56	4.75
MRBLD1FB87_SIN		0.00	-186.19	35.52	47.11	19.09	-2.44	-4.30	-4.76	5.78	9.11	20.06	-11.72	-3.75	-2.70	-23.27	8.09
MRBLD1FB120_COS		-467.14	26.44	-242.62	-10.13	-28.65	-25.87	9.99	34.42	1.87	-5.78	-2.03	0.56	4.53	8.40	-12.23	-8.38
MRBLD1FB120_SIN		0.00	-219.82	78.88	119.21	28.51	12.20	-28.04	-18.18	8.19	0.00	-8.00	2.24	-2.71	1.13	33.24	-12.44
MRBLD1FB164_COS		-247.42	62.49	-318.88	58.75	109.70	55.09	14.85	-50.18	-7.96	7.00	-5.70	-2.28	-1.44	-1.89	8.38	2.61
MRBLD1FB164_SIN		0.00	-348.50	79.92	134.09	2.63	-13.46	25.94	19.28	-18.44	0.12	16.42	-6.23	-1.53	0.07	-15.74	6.87

RUN	POINT	Harmonics															
45	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-262.23	11.10	-172.71	34.67	94.26	50.55	-12.90	-50.27	9.34	11.22	-52.20	-14.65	14.16	15.38	-20.16	-15.38
MRBLD1FB180_SIN		0.00	-264.29	49.99	55.39	-6.68	-26.95	29.99	24.77	-22.44	-10.15	41.82	-13.29	-6.60	-4.79	38.52	-14.42
MRBLD1TOR51_COS		-1488.16	70.93	4.81	93.44	7.49	72.90	-9.38	-14.33	6.71	0.50	-10.06	-0.27	5.61	3.56	-11.53	2.36
MRBLD1TOR51_SIN		0.00	-164.51	-1.38	26.98	21.11	6.21	-4.85	28.38	-2.07	-7.93	-6.73	-6.91	2.39	3.19	4.87	-9.47
MRBLD1TOR71_COS		-321.98	87.14	-4.19	70.73	15.30	72.00	-1.55	-5.68	5.80	-1.25	-13.79	-1.31	4.77	4.65	-6.49	0.62
MRBLD1TOR71_SIN		0.00	-157.30	-5.35	10.62	5.65	7.90	-2.27	31.18	5.37	-2.96	-2.18	-7.36	0.28	1.63	1.19	-6.07
MRBLD1TOR130_COS		-77.83	76.25	17.25	49.52	25.26	62.48	-0.26	-6.81	3.23	0.06	5.19	-2.69	-1.02	-0.53	0.28	-2.88
MRBLD1TOR130_SIN		0.00	-147.64	-7.72	1.06	3.95	8.35	3.00	22.15	2.50	-1.10	6.41	9.04	2.91	0.12	-4.70	3.28
MRBLD1TOR164_COS		-260.75	39.84	64.11	19.99	5.08	33.12	-5.74	-0.46	4.31	2.81	-3.07	-0.18	1.46	2.08	-4.35	-3.08
MRBLD1TOR164_SIN		0.00	-84.82	-10.45	-22.18	-0.21	1.55	6.46	13.87	2.49	0.32	4.63	5.47	2.35	0.65	-4.08	0.01
MRFBM2CB26P5_COS		-1982.85	-107.77	21.10	-66.33	-28.12	20.90	12.97	5.64	2.71	-3.92	11.32	-1.26	-1.57	0.51	0.30	-1.91
MRFBM2CB26P5_SIN		0.00	-437.51	-12.97	-33.84	-12.64	5.98	0.73	-9.72	7.09	0.76	1.58	1.65	-1.21	-1.33	4.34	-1.91
MRFBM2FB9_COS		268.05	-61.83	-134.78	20.70	-3.49	6.25	4.50	-5.95	0.31	2.55	-4.36	0.83	1.49	-0.74	-1.05	0.33
MRFBM2FB9_SIN		0.00	-191.29	56.44	101.59	-1.57	-2.99	10.44	9.65	-5.70	0.95	-0.36	-0.61	0.53	1.14	-3.97	1.45
MRFBM2TOR26P5_COS		-423.27	118.17	1.15	0.02	0.02	0.44	-0.20	-0.07	-0.08	0.07	-0.16	0.10	0.02	0.00	0.18	0.13
MRFBM2TOR26P5_SIN		0.00	49.28	0.47	-0.91	0.55	-0.49	-0.22	-0.13	-0.13	-0.11	-0.03	-0.06	0.06	0.01	-0.05	0.10

RUN	POINT	Harmonics															
45	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-848.27	-1327.32	-64.60	260.01	-22.00	0.30	-36.17	-68.52	10.97	13.91	63.20	0.26	-5.70	-4.92	-56.58	6.84
MRPC1CB33P25_SIN		0.00	-162.37	-31.28	-1.41	87.66	-15.91	1.75	-22.59	-46.79	-15.44	-36.59	46.22	17.29	15.12	15.22	-21.53
MRPC1FB33P25_COS		2223.00	147.48	-333.22	363.22	-68.25	-3.38	-73.54	-165.59	-34.73	11.35	132.94	7.89	6.71	-5.65	-138.31	13.36
MRPC1FB33P25_SIN		0.00	191.69	-92.23	151.90	113.50	-6.53	5.76	-58.38	-99.05	-76.70	2.26	68.38	38.84	36.98	24.24	-66.53
MRPC1TOR25P5_COS		-725.28	-53.81	-41.72	-88.86	-15.32	-86.44	2.16	6.59	-8.61	2.81	22.03	-0.77	-8.70	-4.38	-7.24	-4.63
MRPC1TOR25P5_SIN		0.00	229.26	-40.85	-5.70	-5.00	-5.65	8.97	-35.09	-5.96	7.19	7.19	18.84	-0.33	0.03	-11.37	1.38
MRPLK1LOAD_COS		-76.64	1.12	-3.33	-11.09	-1.64	-11.13	0.93	1.80	-0.93	0.28	2.90	-0.71	-1.18	-0.59	-0.79	-1.15
MRPLK1LOAD_SIN		0.00	1.65	-2.13	-2.26	-2.15	-0.18	0.60	-4.27	-0.51	0.65	1.64	2.39	-0.47	-0.31	-3.08	0.30
PITCHRH_COS		9694.90	-9010.59	-893.33	-6.58	-65.77	-73.48	-72.67	-18.58	28.02	-33.04	94.78	-89.58	7.51	-92.71	17.27	-479.78
PITCHRH_SIN		0.00	1564.81	-811.85	142.97	4.49	357.08	209.40	78.46	-36.28	-121.33	-156.77	-52.01	11.26	42.31	-23.14	159.51
ROLLRH_COS		1714.02	-1235.01	721.55	-46.97	-415.66	-879.19	-82.37	-33.06	95.50	150.74	308.59	4.80	-10.68	-14.90	-21.25	-482.90
ROLLRH_SIN		0.00	-8615.96	-1111.70	-92.49	80.88	678.05	-364.71	-26.11	33.80	-2.78	10.49	-81.86	59.18	55.88	-43.26	-625.21
TORQ_COS		30952.52	279.46	-22.94	-8.11	-102.64	18.62	-3.81	3.91	-23.25	-1.99	-22.57	0.54	3.83	-1.07	-2.39	26.82
TORQ_SIN		0.00	783.09	0.64	0.62	-113.59	27.97	3.04	38.70	-4.04	-8.85	-6.31	2.29	-9.12	5.41	-13.03	-21.47
THRUST_COS		5747.34	12.53	8.44	-4.85	23.19	-5.89	6.20	9.71	-3.12	-5.34	-51.22	2.55	1.25	4.00	8.83	-4.58
THRUST_SIN		0.00	-105.67	-6.92	13.47	37.71	-8.04	9.11	19.22	-3.61	0.39	9.49	-2.70	-2.22	-0.04	-10.79	34.96

RUN	POINT	Harmonics															
45	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.14	8.89	-14.64	1.73	25.61	27.45	10.77	-1.89	-2.05	-8.28	-11.73	-0.26	0.34	0.25	0.43	14.07
SIDERH_SIN		0.00	184.09	19.35	2.69	-65.76	-108.88	22.50	-0.62	-1.07	0.71	-0.15	4.35	-1.76	-1.65	0.79	17.63
DRAGRH_COS		-121.33	246.96	17.45	1.75	-2.68	94.80	2.85	-5.21	-1.67	0.34	3.09	6.75	-1.54	4.29	-1.09	18.89
DRAGRH_SIN		0.00	-46.98	10.84	-0.64	6.01	106.34	-38.65	4.26	2.93	7.37	5.97	-2.32	2.32	-2.60	0.01	-7.47

RUN	POINT	Harmonics															
45	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.39	-0.43	-0.04	-0.12	-0.06	-0.01	0.01	0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.34	0.06	-0.01	-0.03	-0.05	-0.02	-0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00
ACT1DISP_COS		2.60	0.05	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.04	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.46	-1.14	-1.30	-3.60	-1.92	-0.44	0.35	1.09	0.18	0.17	0.17	0.20	0.17	0.09	0.07	-0.16
ACT1FORCE_SIN		0.00	11.03	1.43	-0.33	-0.26	-1.11	-0.50	-0.40	0.22	0.24	0.03	0.15	0.09	0.14	0.04	0.03
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.39	-95.92	0.13	-0.01	0.18	0.16	0.05	0.02	-0.03	-0.04	-0.04	-0.02	-0.01	-0.03	-0.01	-0.01
FA1IBVOLTAGE_SIN		0.00	16.94	-0.15	0.01	-0.01	-0.15	0.04	0.08	0.00	0.00	0.04	0.01	0.01	-0.01	-0.02	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.95	96.10	-0.14	0.01	-0.18	-0.17	-0.05	-0.02	0.03	0.03	0.03	0.01	0.01	0.03	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	-17.02	0.14	-0.01	0.00	0.15	-0.03	-0.08	0.00	0.00	-0.03	-0.01	-0.01	0.01	0.02	-0.01
MRBLD1CB42P75_COS		-4369.27	-1172.38	40.04	260.35	-17.12	-89.32	-54.47	-152.58	49.32	40.27	55.69	-5.61	-10.73	-7.06	-40.28	0.46
MRBLD1CB42P75_SIN		0.00	12.72	-26.29	55.97	128.32	-13.02	17.64	-26.83	-50.35	8.71	-85.46	53.98	16.19	5.86	23.03	-13.39

RUN	POINT	Harmonics															
45	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2800.52	-715.48	290.77	163.28	13.26	-79.93	-67.83	-105.62	34.49	39.42	27.70	3.31	-3.10	-1.26	-25.83	2.46
MRBLD1CB70_SIN		0.00	23.07	-51.45	95.90	243.34	20.18	51.63	13.92	-30.94	8.61	-72.19	30.85	9.41	-0.21	14.81	-13.99
MRBLD1CB120_COS		-447.27	-290.64	420.60	158.95	14.22	-29.30	-46.27	-38.99	-36.21	-5.11	-6.25	7.15	7.52	6.59	-1.14	1.53
MRBLD1CB120_SIN		0.00	101.91	-137.59	15.08	225.35	42.90	58.29	33.77	-4.21	-14.94	57.43	-16.82	1.78	3.34	-5.28	-7.92
MRBLD1CB164_COS		-1942.37	-106.38	131.99	37.57	-32.01	-3.46	5.69	35.35	-39.02	-14.30	-8.20	4.16	7.07	3.72	15.76	-6.19
MRBLD1CB164_SIN		0.00	83.95	-51.74	9.81	91.69	24.89	14.88	13.52	-2.38	-25.62	62.24	-8.19	4.69	3.15	-6.24	11.02
MRBLD1FB42P75_COS		3165.16	145.47	-372.21	516.72	-151.52	-101.80	-101.39	-356.69	-98.75	-16.23	90.05	50.57	30.94	22.19	-15.24	-44.47
MRBLD1FB42P75_SIN		0.00	-1.27	-0.09	65.08	105.95	88.12	23.83	52.26	-93.28	-83.06	-77.57	45.28	19.18	15.28	93.96	-26.83
MRBLD1FB70_COS		399.39	2.36	-176.83	145.14	-53.33	-23.51	-10.00	-51.72	-2.35	3.63	-0.90	-1.55	-2.90	-3.98	5.34	10.71
MRBLD1FB70_SIN		0.00	-192.19	21.08	10.63	18.76	9.40	10.50	18.69	-5.48	2.84	2.22	2.11	1.60	-1.27	-20.09	5.56
MRBLD1FB87_COS		-89.07	25.85	-152.75	42.40	-50.76	-23.56	-0.02	35.01	15.25	6.38	-13.41	-9.31	-4.52	-4.68	-0.91	4.09
MRBLD1FB87_SIN		0.00	-188.17	45.28	42.46	12.15	-0.24	-3.36	-4.24	9.69	10.83	20.61	-9.62	-2.57	-0.42	-17.90	4.15
MRBLD1FB120_COS		-470.81	23.64	-242.46	1.71	-17.93	3.61	16.79	74.88	3.74	-9.09	-3.67	1.72	5.03	6.86	-1.68	-7.39
MRBLD1FB120_SIN		0.00	-225.87	90.59	113.37	30.51	-4.97	-23.21	-29.57	9.73	-2.05	-11.13	0.55	-3.45	-1.71	26.47	-6.60
MRBLD1FB164_COS		-245.32	96.84	-321.93	67.95	135.68	76.26	-0.82	-111.64	-9.20	8.64	0.13	-1.88	-2.45	-1.52	2.55	2.27
MRBLD1FB164_SIN		0.00	-345.57	103.67	156.79	35.30	-17.15	20.72	30.02	-20.66	1.23	18.33	-4.70	-1.07	2.00	-11.64	3.36

RUN	POINT	Harmonics															
45	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-261.06	43.91	-178.23	36.54	110.10	53.37	-25.41	-104.71	11.53	9.56	-35.06	-8.55	15.92	13.62	-6.75	-11.39
MRBLD1FB180_SIN		0.00	-258.67	67.12	77.94	22.41	-9.10	21.46	38.47	-18.14	-7.17	38.11	-11.29	-5.93	-7.52	30.43	-5.00
MRBLD1TOR51_COS		-1484.41	122.01	1.04	94.77	-7.11	-38.32	-5.90	-42.75	10.25	6.71	-8.99	0.80	5.60	3.63	-7.07	-1.38
MRBLD1TOR51_SIN		0.00	-137.13	19.08	32.56	27.91	18.52	-0.85	23.28	-0.83	-4.17	-3.18	-5.07	1.38	3.38	7.73	-4.25
MRBLD1TOR71_COS		-318.87	132.24	-8.50	69.98	3.63	-25.05	0.84	-24.62	7.98	2.69	-11.85	-0.01	4.96	4.42	-5.06	-2.05
MRBLD1TOR71_SIN		0.00	-134.36	12.91	15.37	15.69	17.80	2.66	28.36	6.84	-0.70	1.24	-5.46	-0.34	2.05	3.26	-1.78
MRBLD1TOR130_COS		-74.72	123.41	12.59	45.42	18.94	-16.23	-1.01	-25.78	5.32	2.81	3.69	-2.40	-0.44	-0.55	-2.13	-1.45
MRBLD1TOR130_SIN		0.00	-123.28	9.08	7.57	14.37	20.16	6.24	19.75	1.80	0.45	6.31	8.61	2.61	-0.22	-5.43	2.22
MRBLD1TOR164_COS		-258.65	73.77	60.69	14.82	-2.19	-21.33	-5.52	-6.54	4.00	2.46	-0.96	-0.13	1.31	2.54	-3.33	-0.46
MRBLD1TOR164_SIN		0.00	-65.94	-2.82	-18.65	0.37	12.33	7.76	16.88	3.41	-1.93	4.01	5.18	3.17	0.00	-4.51	-2.50
MRFBM2CB26P5_COS		-1984.61	-162.83	5.29	-66.35	-17.11	11.06	7.04	6.69	2.35	-4.31	7.88	-2.29	-1.63	0.79	0.08	-1.81
MRFBM2CB26P5_SIN		0.00	-347.37	-12.24	-33.70	-3.02	-1.79	1.59	-9.67	6.75	-0.22	1.94	1.09	-0.95	-0.49	6.55	-3.19
MRFBM2FB9_COS		246.77	-76.49	-106.51	41.51	11.48	14.91	3.25	-8.48	1.15	1.63	-4.56	1.12	1.24	-0.75	-1.74	0.74
MRFBM2FB9_SIN		0.00	-230.46	60.89	110.16	-8.77	-9.15	7.89	13.55	-5.51	2.05	-0.84	-0.31	0.53	1.13	-4.83	2.00
MRFBM2TOR26P5_COS		-423.87	119.21	0.86	-0.12	0.34	-0.35	-0.22	-0.13	-0.12	0.15	-0.16	0.09	-0.01	-0.06	0.29	0.11
MRFBM2TOR26P5_SIN		0.00	48.61	0.37	-0.89	0.49	-0.46	-0.04	-0.19	-0.21	0.00	-0.07	-0.05	0.07	-0.02	-0.07	0.07

RUN	POINT	Harmonics															
45	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-882.23	-1086.29	-34.49	276.33	-28.13	-68.90	-35.88	-135.64	24.91	25.26	49.83	-3.55	-4.46	-3.77	-38.35	-0.50
MRPC1CB33P25_SIN		0.00	24.60	-5.98	5.34	55.81	-14.42	-1.27	-36.52	-53.00	-8.82	-46.30	41.05	15.00	8.98	20.95	-16.18
MRPC1FB33P25_COS		2240.46	77.97	-316.54	407.28	-153.29	-108.33	-88.48	-296.07	-29.18	32.69	110.54	7.27	6.51	1.61	-94.88	-1.75
MRPC1FB33P25_SIN		0.00	157.56	-68.19	149.53	59.72	42.02	-19.13	-104.50	-116.90	-68.67	-7.07	65.07	34.15	26.51	40.73	-54.89
MRPC1TOR25P5_COS		-729.31	-115.68	-32.79	-90.98	-0.05	29.97	-4.02	31.48	-11.24	-3.35	19.68	-1.71	-7.87	-3.30	-9.79	-1.84
MRPC1TOR25P5_SIN		0.00	199.17	-66.17	-11.47	-20.40	-15.17	1.59	-31.13	-8.00	3.07	1.51	16.32	0.08	-2.60	-12.48	-2.58
MRPLK1LOAD_COS		-77.16	-5.33	-2.93	-11.29	0.43	4.44	0.11	5.62	-1.32	-0.66	2.74	-0.81	-1.00	-0.42	-1.81	-0.64
MRPLK1LOAD_SIN		0.00	-1.63	-4.97	-2.81	-3.65	-1.93	-0.05	-3.67	-0.68	-0.15	0.89	2.10	-0.44	-0.71	-3.36	-0.21
PITCHRH_COS		11353.98	-8996.29	-823.07	-41.62	-44.85	-700.40	-242.52	-44.69	20.95	-0.75	54.93	-39.50	5.51	-25.78	1.99	-454.73
PITCHRH_SIN		0.00	2106.35	-779.90	156.16	-27.80	268.58	202.96	16.32	-67.33	-71.83	-181.69	-56.88	25.34	86.96	-22.78	151.84
ROLLRH_COS		2057.47	-1653.18	765.63	-22.54	-315.81	-530.09	-45.58	10.07	115.22	84.89	301.87	19.92	-36.10	71.66	-7.13	-574.29
ROLLRH_SIN		0.00	-8607.07	-989.97	-9.89	47.11	-19.42	-269.93	-18.16	24.36	-33.87	18.65	-27.67	87.89	10.47	1.55	-605.37
TORQ_COS		30412.42	294.10	-28.38	-16.94	-123.06	78.41	-0.57	7.93	-24.56	0.96	-11.67	3.08	4.35	-2.63	-6.24	26.62
TORQ_SIN		0.00	657.50	-7.83	3.58	-33.08	86.83	2.65	35.13	3.65	-7.76	-6.75	3.19	-9.48	4.88	-13.98	-14.07
THRUST_COS		5768.26	-6.59	11.00	-5.98	27.76	45.48	6.16	7.76	-3.25	-4.84	-35.95	5.28	3.32	-0.02	-3.30	8.13
THRUST_SIN		0.00	4.86	-3.36	15.42	25.11	-39.62	8.44	17.14	-2.08	0.72	9.80	-2.19	-4.46	-2.50	-10.54	38.90

RUN	POINT	Harmonics															
45	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.11	25.33	-18.36	-0.34	9.24	31.57	10.58	-1.63	-2.15	-4.58	-12.33	-1.12	1.19	-2.26	-0.05	16.75
SIDERH_SIN		0.00	168.85	17.59	2.09	-55.50	-44.89	14.99	-0.70	-0.33	2.40	-0.34	1.74	-2.76	-0.32	-0.52	17.32
DRAGRH_COS		-108.20	243.20	19.59	-1.07	-10.51	29.86	13.23	-4.48	-1.38	-1.73	4.24	5.14	-2.09	0.60	-0.81	18.45
DRAGRH_SIN		0.00	-41.75	12.40	-3.51	2.90	25.31	-41.75	-0.01	6.69	3.88	12.20	1.56	0.92	-3.59	0.11	-5.16

RUN	POINT	Harmonics															
45	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.45	-0.40	-0.11	-0.28	0.10	-0.22	0.01	0.01	0.00	-0.01	0.01	0.01	-0.01	0.01	-0.01	-0.01
FLAP1C_SIN		0.00	0.41	0.18	0.08	0.01	0.24	-0.03	0.04	0.01	0.00	0.00	0.00	0.01	0.00	0.01	-0.01
ACT1DISP_COS		2.59	0.04	0.01	0.03	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	-0.02	-0.01	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.24	-1.63	-1.31	-4.07	-2.66	-4.41	0.79	0.04	-0.09	-0.25	0.51	0.43	-0.29	0.18	-0.42	-0.13
ACT1FORCE_SIN		0.00	12.99	0.34	0.26	2.59	-4.17	-0.90	0.57	0.47	-0.31	0.14	-0.18	-0.07	-0.25	0.27	-0.38
FA1IBCURRENT_COS		-0.01	0.00	0.01	0.01	-0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.41	-65.58	-9.63	-28.27	39.46	-0.39	0.25	-0.04	-0.11	-0.01	-0.16	0.08	0.04	0.06	-0.14	0.06
FA1IBVOLTAGE_SIN		0.00	15.13	44.96	21.09	-20.84	98.32	-0.31	0.05	0.10	0.02	0.49	-0.08	-0.11	0.00	-0.15	0.15
FA1OBCURRENT_COS		0.02	0.00	-0.01	-0.01	0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	-0.01	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.99	65.70	9.58	28.28	-39.60	0.14	-0.34	0.04	0.03	0.09	0.17	-0.07	-0.03	-0.06	0.13	-0.06
FA1OBVOLTAGE_SIN		0.00	-15.17	-45.11	-21.20	20.91	-98.50	0.31	0.06	-0.06	-0.06	-0.38	0.07	0.11	0.00	0.15	-0.15
MRBLD1CB42P75_COS		-4330.64	-1578.85	15.04	236.13	-135.65	14.57	-65.94	-113.72	27.26	32.84	74.11	-8.59	-11.67	-4.41	-39.61	2.96
MRBLD1CB42P75_SIN		0.00	-242.10	-55.56	67.88	107.61	-15.63	31.63	17.09	-64.54	5.36	-47.67	57.96	16.36	11.89	14.17	-15.04

RUN	POINT	Harmonics															
45	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2827.63	-961.57	282.66	145.16	-154.06	6.93	-70.16	-69.21	15.80	32.16	38.41	1.33	-5.89	3.94	-28.05	8.20
MRBLD1CB70_SIN		0.00	-150.22	-67.11	98.52	234.40	12.21	87.74	35.25	-46.58	9.74	-42.86	32.89	9.26	8.17	8.61	-16.79
MRBLD1CB120_COS		-443.51	-372.00	408.56	150.29	-104.03	21.15	-46.32	-22.54	-32.61	-6.18	-14.40	10.02	9.36	6.24	-1.28	2.12
MRBLD1CB120_SIN		0.00	9.97	-145.04	17.71	241.52	10.88	119.52	37.99	-2.00	-16.10	33.44	-18.88	2.41	1.40	-3.12	-8.43
MRBLD1CB164_COS		-1942.01	-121.95	124.57	27.37	-65.21	-7.36	5.92	30.84	-29.67	-11.86	-11.94	5.73	8.06	1.92	17.50	-9.12
MRBLD1CB164_SIN		0.00	57.30	-51.42	18.12	104.01	7.36	40.79	1.70	6.50	-29.01	36.60	-10.08	5.46	-2.20	-2.79	12.98
MRBLD1FB42P75_COS		3151.72	260.32	-398.19	469.99	32.22	13.23	-93.25	-277.31	-103.99	-38.37	106.65	45.66	37.95	24.86	-22.85	-44.90
MRBLD1FB42P75_SIN		0.00	38.81	-14.90	136.23	163.53	-42.21	68.85	137.08	-90.56	-90.80	-87.28	44.89	13.74	18.13	85.46	-30.68
MRBLD1FB70_COS		401.14	-0.46	-184.28	128.61	-13.92	7.73	-9.20	-35.42	-3.28	3.07	1.68	-0.17	-4.02	-5.11	6.17	10.63
MRBLD1FB70_SIN		0.00	-194.89	12.86	35.26	37.93	-24.83	19.29	30.42	-6.53	1.64	2.26	2.87	2.70	-2.07	-18.37	5.91
MRBLD1FB87_COS		-86.38	22.69	-155.67	32.02	-32.38	-22.61	-1.98	26.24	16.08	9.26	-19.55	-8.29	-5.86	-5.27	1.03	4.24
MRBLD1FB87_SIN		0.00	-184.61	40.14	56.05	22.31	-4.35	-5.03	-13.01	8.80	12.25	21.01	-10.83	-1.68	-0.77	-15.63	5.53
MRBLD1FB120_COS		-467.50	14.79	-234.91	-14.53	-17.74	-29.12	16.17	53.34	4.58	-5.60	-2.21	-0.33	6.48	8.21	-3.86	-7.22
MRBLD1FB120_SIN		0.00	-209.44	87.94	129.88	26.45	19.97	-37.69	-45.85	10.12	-1.34	-10.39	0.96	-4.32	-0.80	22.96	-8.87
MRBLD1FB164_COS		-253.95	83.81	-306.56	75.84	66.61	46.65	7.32	-82.21	-9.39	9.56	-4.93	-0.95	-2.76	-2.41	3.75	3.39
MRBLD1FB164_SIN		0.00	-329.57	88.07	164.84	1.37	0.30	35.39	56.76	-20.88	1.61	17.15	-7.84	-1.99	0.73	-9.73	4.15

RUN	POINT	Harmonics															
45	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-269.64	33.00	-168.11	48.99	54.07	45.72	-20.72	-79.36	9.80	15.46	-49.10	-11.63	14.18	18.56	-5.64	-11.46
MRBLD1FB180_SIN		0.00	-249.22	50.05	77.12	0.16	-16.23	44.32	60.17	-21.67	-5.22	38.64	-15.82	-6.49	-7.43	24.69	-10.66
MRBLD1TOR51_COS		-1496.35	105.74	15.71	112.69	-24.04	87.36	-35.71	-25.31	6.17	0.50	-8.58	2.83	3.88	4.78	-9.28	0.85
MRBLD1TOR51_SIN		0.00	-158.21	-7.99	44.71	4.03	3.81	-4.30	48.97	1.96	-6.23	-6.74	-6.63	2.11	2.98	4.88	-8.49
MRBLD1TOR71_COS		-327.63	121.40	5.72	89.27	-12.99	83.78	-24.69	-10.38	5.44	-1.41	-12.46	2.04	3.13	5.36	-5.02	-0.09
MRBLD1TOR71_SIN		0.00	-150.63	-11.61	24.63	-8.78	6.83	-2.71	47.07	9.93	-1.67	-2.76	-7.01	0.58	1.57	1.94	-5.13
MRBLD1TOR130_COS		-83.05	111.43	26.91	68.70	-3.95	71.98	-18.47	-13.06	3.74	1.22	5.25	-2.23	-1.34	-0.71	0.87	-1.97
MRBLD1TOR130_SIN		0.00	-140.35	-14.92	12.55	-9.22	7.95	3.56	34.99	4.42	-0.84	5.99	7.78	3.20	-0.16	-3.43	3.49
MRBLD1TOR164_COS		-264.77	65.76	70.84	32.81	-9.57	40.63	-13.93	-0.59	5.19	4.14	-1.91	-0.47	1.77	1.84	0.00	-2.41
MRBLD1TOR164_SIN		0.00	-81.27	-18.03	-18.74	-6.91	-1.24	7.29	18.74	3.32	0.43	4.81	4.70	2.64	-0.24	-2.94	0.73
MRFBM2CB26P5_COS		-1971.89	-69.81	20.98	-71.86	-39.69	20.46	9.39	6.70	3.26	-4.42	9.11	-1.81	-0.75	-0.17	-0.10	-1.30
MRFBM2CB26P5_SIN		0.00	-517.92	-19.57	-30.78	-16.44	11.26	-2.45	-5.75	6.41	1.28	-1.12	1.27	-0.57	-1.57	6.28	-1.97
MRFBM2FB9_COS		250.19	-53.63	-125.70	30.06	-9.36	3.21	5.24	-7.50	-1.06	2.78	-3.85	0.60	1.28	-0.64	-0.76	-0.09
MRFBM2FB9_SIN		0.00	-94.94	67.29	111.14	-4.45	-2.73	10.15	9.14	-5.23	0.90	1.67	-0.19	0.37	1.02	-4.41	1.74
MRFBM2TOR26P5_COS		-423.95	117.97	1.16	0.23	-0.09	0.49	-0.23	-0.03	-0.03	0.10	-0.19	0.11	-0.02	0.00	0.22	0.10
MRFBM2TOR26P5_SIN		0.00	50.04	0.22	-0.79	0.27	-0.42	-0.21	-0.15	-0.15	-0.12	0.00	-0.06	-0.02	0.01	-0.08	0.07

RUN	POINT	Harmonics															
45	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-847.03	-1447.55	-64.29	254.34	-81.75	17.07	-49.11	-106.84	9.84	19.25	63.52	-4.75	-2.82	-2.44	-36.45	1.54
MRPC1CB33P25_SIN		0.00	-180.11	-36.29	17.06	40.42	-23.51	11.72	6.80	-58.48	-13.35	-27.42	43.53	15.25	12.69	13.92	-17.04
MRPC1FB33P25_COS		2227.24	179.53	-337.51	356.63	-19.35	15.47	-93.65	-267.51	-35.56	21.10	128.51	3.45	15.30	1.20	-90.67	1.95
MRPC1FB33P25_SIN		0.00	199.18	-80.34	198.53	150.94	-29.47	21.33	-7.85	-117.57	-86.31	-2.88	61.57	35.74	30.86	28.93	-57.11
MRPC1TOR25P5_COS		-720.50	-87.80	-55.07	-109.51	16.87	-99.70	29.37	13.98	-7.10	4.14	20.39	-5.12	-6.10	-5.05	-2.19	-3.13
MRPC1TOR25P5_SIN		0.00	223.90	-32.16	-22.41	12.28	-3.23	9.56	-56.16	-11.73	4.51	8.11	17.19	0.17	-1.23	-9.02	2.69
MRPLK1LOAD_COS		-75.97	-3.86	-4.89	-13.81	2.56	-12.99	4.61	3.12	-0.77	0.42	2.67	-1.17	-0.93	-0.68	0.09	-0.82
MRPLK1LOAD_SIN		0.00	0.94	-1.32	-4.65	0.20	0.23	0.70	-7.50	-1.18	0.19	1.58	2.11	-0.30	-0.53	-2.45	0.51
PITCHRH_COS		8526.99	-9007.38	-1027.29	45.02	-203.35	-219.50	-206.51	11.55	32.38	-3.74	23.64	-34.08	12.47	-14.39	27.10	-464.66
PITCHRH_SIN		0.00	2060.38	-643.28	-12.85	-82.82	234.89	179.07	88.59	-55.48	-75.80	-198.93	-40.48	3.41	77.33	-42.75	125.37
ROLLRH_COS		1518.44	-1608.81	579.75	111.69	-542.00	-605.76	15.06	-59.50	132.81	103.98	288.56	21.98	-29.17	-50.07	-24.08	-433.13
ROLLRH_SIN		0.00	-8576.28	-1286.82	-107.58	-264.19	747.23	-185.68	-21.65	19.12	12.96	-29.00	-21.88	28.89	26.03	-35.17	-603.39
TORQ_COS		30966.27	276.70	-6.21	35.43	105.66	7.41	9.89	-2.85	-18.50	-0.40	-12.61	3.67	4.71	0.05	-5.88	23.06
TORQ_SIN		0.00	623.50	-2.48	4.43	97.61	26.04	3.26	17.19	-4.70	-5.54	-0.08	4.18	-7.47	4.59	-11.04	-21.47
THRUST_COS		5763.03	-7.41	-0.10	0.93	1.63	-6.47	4.27	4.20	-1.63	-4.80	-38.66	4.03	1.04	2.58	4.25	-3.69
THRUST_SIN		0.00	4.20	0.52	-1.08	-0.72	-6.06	5.96	3.27	-2.35	-0.64	18.35	-5.29	0.23	-3.82	-9.93	38.91

RUN	POINT	Harmonics															
45	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-172.05	24.27	-13.89	6.13	72.49	-0.62	2.68	0.42	-2.42	-5.57	-11.23	-1.34	1.14	1.24	0.54	12.50
SIDERH_SIN		0.00	170.22	17.11	3.01	-46.71	-98.47	15.34	-0.16	-0.83	-0.27	0.98	2.05	-1.05	-0.39	0.65	16.81
DRAGRH_COS		-121.26	243.38	12.02	0.39	-7.52	115.92	12.89	-7.21	-1.12	-0.45	5.26	4.82	-2.72	0.30	-1.43	18.13
DRAGRH_SIN		0.00	-42.30	5.86	1.90	3.43	66.12	-25.26	2.88	1.44	5.35	9.86	0.03	1.75	-2.56	1.30	-6.33

RUN	POINT	Harmonics															
45	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.47	-0.09	0.00	-0.17	-0.08	0.06	0.01	0.04	0.00	0.01	0.02	0.00	0.00	-0.01	0.00	0.01
FLAP1C_SIN		0.00	0.49	0.08	-0.03	-0.06	-0.22	-0.01	0.00	0.01	0.02	0.00	0.01	0.01	-0.01	0.00	0.00
ACT1DISP_COS		2.59	0.01	0.00	0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	-0.01	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.28	-3.17	-0.66	-4.79	-2.06	1.48	0.23	1.44	-0.33	0.02	0.45	-0.05	0.14	-0.06	0.23	0.04
ACT1FORCE_SIN		0.00	15.25	2.26	-0.26	-1.41	1.85	0.20	0.04	0.04	0.21	0.15	0.44	0.37	-0.46	-0.25	0.16
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.41	-0.20	-0.06	0.02	-0.07	-10.37	-0.03	-0.04	-0.03	-0.08	0.00	-0.05	-0.02	0.06	0.03	0.01
FA1IBVOLTAGE_SIN		0.00	-0.07	0.01	-0.17	-0.36	-76.87	0.10	0.10	-0.03	0.02	0.10	-0.04	0.00	0.00	-0.01	0.08
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.95	0.20	0.07	-0.01	0.09	10.42	0.03	0.04	0.03	0.07	0.03	0.04	0.03	-0.06	-0.04	-0.01
FA1OBVOLTAGE_SIN		0.00	0.07	0.00	0.17	0.36	77.03	-0.11	-0.10	0.03	-0.02	-0.04	0.03	0.00	0.00	0.00	-0.07
MRBLD1CB42P75_COS		-4297.04	-1553.46	12.99	245.55	4.09	-138.42	-44.61	-171.71	49.34	42.50	41.39	17.71	3.71	-0.92	-64.60	-0.61
MRBLD1CB42P75_SIN		0.00	-266.71	-68.27	105.30	125.21	17.13	-5.94	2.23	-46.07	9.94	-93.95	30.51	20.31	18.40	31.68	-23.36

RUN	POINT	Harmonics															
45	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2850.23	-952.24	269.63	146.55	61.69	-147.01	-33.63	-115.02	35.85	43.53	28.34	14.66	4.09	6.83	-45.71	0.85
MRBLD1CB70_SIN		0.00	-154.61	-79.26	130.66	253.37	38.59	-8.82	34.18	-29.04	12.59	-71.14	15.66	10.01	6.44	26.43	-21.64
MRBLD1CB120_COS		-439.74	-387.10	395.06	148.75	57.49	-85.79	6.11	-26.19	-35.98	-9.36	-0.79	-1.37	0.06	5.38	-1.29	3.34
MRBLD1CB120_SIN		0.00	23.58	-149.66	48.61	205.10	57.35	-14.34	42.93	-7.35	-13.15	56.67	-5.54	-1.50	-0.89	-6.79	-8.54
MRBLD1CB164_COS		-1943.13	-124.83	126.46	29.98	-14.00	-14.23	28.09	45.97	-39.37	-20.78	-9.70	-3.04	2.03	-3.55	29.01	-4.87
MRBLD1CB164_SIN		0.00	63.43	-51.80	27.34	73.36	25.88	-12.29	10.54	-4.46	-29.66	55.12	-0.58	3.32	0.39	-11.66	15.28
MRBLD1FB42P75_COS		3140.11	252.31	-390.82	541.76	-219.39	-72.54	-108.04	-342.76	-108.95	-35.46	47.65	60.67	40.95	34.01	-32.40	-56.69
MRBLD1FB42P75_SIN		0.00	39.84	-9.89	173.39	-86.63	162.36	7.76	100.95	-96.97	-78.01	-84.49	9.38	10.17	20.94	141.52	-41.98
MRBLD1FB70_COS		397.48	-0.70	-179.21	146.92	-69.52	-18.40	-11.07	-49.69	-1.94	4.29	0.00	-1.41	-4.18	-6.39	9.68	13.53
MRBLD1FB70_SIN		0.00	-198.24	17.34	51.90	-38.06	30.76	4.95	26.52	-6.28	2.83	2.22	4.04	3.14	-2.28	-29.07	8.91
MRBLD1FB87_COS		-89.63	25.73	-149.06	40.97	-56.81	-18.21	-1.16	32.30	16.31	8.96	-5.25	-11.75	-6.66	-7.54	2.35	6.64
MRBLD1FB87_SIN		0.00	-190.49	44.37	65.21	-13.93	4.51	-0.35	-9.46	9.91	10.25	21.15	-1.51	-0.61	-1.41	-28.36	6.70
MRBLD1FB120_COS		-468.56	25.23	-231.78	-0.92	-16.98	12.72	16.55	70.56	3.93	-9.39	-5.90	3.32	6.56	10.59	-7.01	-10.91
MRBLD1FB120_SIN		0.00	-221.60	89.36	126.67	34.76	-23.71	-12.41	-41.04	10.38	-2.40	-11.14	-3.52	-5.24	-0.89	40.74	-10.44
MRBLD1FB164_COS		-259.26	71.77	-328.44	91.19	173.87	57.19	1.30	-102.82	-7.50	10.39	3.36	-5.76	-4.06	-2.28	6.05	3.91
MRBLD1FB164_SIN		0.00	-340.94	82.07	144.46	118.02	-30.14	17.68	46.39	-19.76	2.74	18.20	0.39	-1.32	0.94	-19.18	6.16

RUN	POINT	Harmonics															
45	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-270.40	18.24	-184.94	55.52	139.65	43.55	-24.77	-96.87	16.57	13.10	-23.69	-18.56	10.20	14.85	-13.34	-15.99
MRBLD1FB180_SIN		0.00	-258.16	50.76	64.49	72.35	-4.92	17.90	54.48	-19.02	-5.78	41.63	1.26	-6.91	-7.13	45.16	-12.92
MRBLD1TOR51_COS		-1504.96	77.69	3.72	110.55	-13.56	-100.06	8.87	-34.48	7.90	4.09	-5.63	-1.85	3.88	1.87	-11.68	2.20
MRBLD1TOR51_SIN		0.00	-170.88	-4.17	53.56	37.15	27.32	-9.82	39.64	0.65	-3.61	-3.63	-2.27	1.53	0.47	6.71	-8.63
MRBLD1TOR71_COS		-335.51	94.50	-4.36	84.27	-2.71	-80.38	13.40	-16.02	6.49	1.38	-8.00	-3.79	3.11	2.97	-7.02	0.87
MRBLD1TOR71_SIN		0.00	-162.74	-7.46	30.18	30.12	22.26	-4.06	40.90	8.17	0.24	2.09	-1.86	0.11	-0.27	1.09	-5.05
MRBLD1TOR130_COS		-90.96	83.72	17.58	61.21	15.67	-64.26	7.95	-18.31	4.86	2.30	3.91	-0.68	0.07	-0.37	-0.13	-2.41
MRBLD1TOR130_SIN		0.00	-152.15	-11.89	14.32	38.65	24.61	-2.09	29.93	2.35	0.67	4.17	9.38	4.27	1.41	-6.14	3.68
MRBLD1TOR164_COS		-269.12	44.81	64.98	23.59	-2.58	-48.19	-3.62	-2.87	5.66	3.91	-0.59	0.03	2.23	3.52	-4.13	-2.90
MRBLD1TOR164_SIN		0.00	-88.49	-14.65	-16.78	2.32	24.80	1.81	18.41	2.75	-1.01	5.24	5.47	3.14	2.48	-2.86	-0.31
MRFBM2CB26P5_COS		-1961.37	-65.00	19.74	-63.82	-22.75	3.60	0.04	4.02	1.44	-3.74	3.37	-1.44	-1.49	0.21	-0.83	-0.78
MRFBM2CB26P5_SIN		0.00	-536.26	-10.73	-40.71	10.49	3.98	-1.47	-9.06	7.76	0.31	-1.90	1.84	-1.31	-0.44	3.69	-2.06
MRFBM2FB9_COS		248.48	-54.55	-121.26	27.61	26.25	14.58	2.66	-9.92	1.33	1.88	-2.16	0.34	1.72	-0.94	-0.01	0.37
MRFBM2FB9_SIN		0.00	-109.17	60.49	127.15	-4.23	-10.56	4.64	14.03	-5.65	1.44	0.73	-0.99	0.56	0.92	-4.18	1.53
MRFBM2TOR26P5_COS		-423.98	117.85	1.01	0.18	0.34	-0.62	-0.41	-0.09	-0.07	0.05	-0.09	0.14	-0.05	-0.01	0.20	0.11
MRFBM2TOR26P5_SIN		0.00	50.06	0.35	-1.14	0.56	-0.67	0.20	-0.20	-0.27	0.02	0.03	-0.12	0.05	0.01	-0.04	0.11

RUN	POINT	Harmonics															
45	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-816.25	-1421.25	-61.59	268.58	-29.29	-93.91	-32.71	-147.62	22.67	23.44	32.30	15.25	5.86	0.81	-59.31	0.21
MRPC1CB33P25_SIN		0.00	-201.11	-49.04	51.86	38.43	18.81	-7.54	-8.77	-52.23	-8.94	-56.72	23.99	17.52	18.15	28.50	-25.71
MRPC1FB33P25_COS		2213.95	172.80	-334.71	408.27	-161.96	-106.03	-87.92	-305.46	-34.92	17.70	83.45	38.12	21.20	5.04	-146.16	4.73
MRPC1FB33P25_SIN		0.00	201.46	-74.84	242.55	-111.75	111.45	-36.17	-60.74	-124.75	-74.70	-36.54	44.89	35.54	41.21	53.47	-74.55
MRPC1TOR25P5_COS		-711.92	-58.46	-42.53	-109.08	11.44	93.84	-19.49	21.40	-8.32	0.53	13.24	3.97	-3.00	-0.29	-9.56	-5.08
MRPC1TOR25P5_SIN		0.00	236.60	-36.23	-30.07	-35.43	-19.47	9.38	-46.74	-10.40	2.71	0.54	10.93	2.26	5.78	-12.19	0.04
MRPLK1LOAD_COS		-74.78	-0.02	-3.25	-13.73	1.93	13.24	-2.12	4.17	-0.99	0.02	1.69	-0.17	-0.40	-0.07	-1.14	-1.00
MRPLK1LOAD_SIN		0.00	2.62	-1.70	-5.60	-5.29	-2.98	1.33	-5.89	-1.07	-0.04	0.78	1.55	0.12	0.56	-3.75	0.34
PITCHRH_COS		8210.42	-8874.30	-787.41	-34.47	-38.87	-1172.47	-146.04	-0.39	-39.22	8.51	96.11	-49.80	-3.04	-113.24	30.44	-523.13
PITCHRH_SIN		0.00	1537.69	-761.88	65.00	63.34	-101.93	111.62	16.51	-48.27	-50.86	-292.18	-63.69	23.94	60.61	-24.32	162.49
ROLLRH_COS		1377.41	-1217.23	760.09	35.62	-382.46	84.32	-117.92	-16.96	129.20	59.72	324.81	31.36	-47.56	62.58	-55.79	-548.73
ROLLRH_SIN		0.00	-8463.60	-1024.09	-44.87	38.10	-396.16	-363.99	58.29	-22.10	-31.59	-51.04	-60.50	72.20	180.60	-20.95	-670.48
TORQ_COS		31423.54	267.55	-27.02	8.02	-111.40	128.35	1.27	29.92	-20.20	1.53	6.85	4.06	5.80	-1.95	-1.54	20.53
TORQ_SIN		0.00	764.30	1.57	9.38	-152.76	87.12	-0.60	23.43	-1.01	-3.01	-0.19	7.08	-7.32	5.68	-11.83	-11.78
THRUST_COS		5706.12	2.07	16.67	2.14	26.42	56.77	6.29	19.00	-0.10	-4.72	-20.66	4.03	5.13	-0.04	4.36	5.00
THRUST_SIN		0.00	-99.78	-6.94	7.47	44.57	-59.96	4.97	5.42	-1.15	1.06	25.65	-0.63	-1.86	-2.31	-15.81	41.29

RUN	POINT	Harmonics															
45	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.94	16.19	-17.06	-3.49	18.39	-1.59	10.37	0.78	-2.27	-3.57	-13.43	-1.35	1.55	-1.76	1.55	15.75
SIDERH_SIN		0.00	179.63	17.24	0.98	-65.24	14.21	16.99	-1.53	1.59	1.55	1.92	3.71	-2.08	-5.27	0.29	19.07
DRAGRH_COS		-121.95	241.12	14.71	0.33	-11.49	6.62	8.72	-5.74	3.04	-0.07	1.49	6.87	-2.85	6.60	-2.00	21.26
DRAGRH_SIN		0.00	-46.33	13.30	-1.26	0.96	-68.33	-35.40	-0.35	4.65	0.93	16.45	0.13	1.47	-2.28	-0.50	-7.81

RUN	POINT	Harmonics															
45	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.49	-0.06	0.03	-0.18	-0.09	-0.01	0.01	0.03	-0.01	0.02	0.02	0.01	0.00	-0.01	0.00	0.00
FLAP1C_SIN		0.00	0.50	0.07	0.00	-0.07	-0.28	-0.01	-0.02	0.02	0.01	0.00	0.02	0.01	-0.01	-0.01	-0.01
ACT1DISP_COS		2.59	0.01	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	-0.01	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.06	-1.96	0.17	-5.04	-2.24	3.60	0.36	1.13	-0.46	0.06	0.50	0.12	0.30	-0.34	0.21	0.20
ACT1FORCE_SIN		0.00	15.41	2.08	0.55	-1.63	1.22	0.02	-0.39	0.32	0.20	0.07	0.62	0.31	-0.44	-0.34	-0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.38	-0.34	-0.14	-0.12	-0.80	-47.55	0.06	0.09	0.01	-0.01	0.10	-0.05	-0.01	0.11	0.08	0.10
FA1IBVOLTAGE_SIN		0.00	-0.06	-0.03	-0.20	-0.93	-77.28	0.16	0.14	-0.02	0.06	0.12	0.00	-0.01	-0.02	0.02	0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.99	0.35	0.15	0.14	0.82	47.68	-0.07	-0.09	0.00	0.02	-0.01	0.05	0.01	-0.11	-0.08	-0.09
FA1OBVOLTAGE_SIN		0.00	0.06	0.04	0.19	0.94	77.41	-0.18	-0.13	0.02	-0.05	-0.08	-0.01	0.01	0.01	-0.02	-0.03
MRBLD1CB42P75_COS		-4265.26	-1567.81	6.70	252.25	12.64	-139.90	-51.77	-175.46	53.76	45.04	35.17	13.09	5.88	0.03	-73.56	-3.72
MRBLD1CB42P75_SIN		0.00	-333.94	-77.38	101.47	109.12	29.31	-3.86	9.98	-51.59	4.97	-76.12	23.44	17.10	18.40	40.12	-26.62

RUN	POINT	Harmonics															
45	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2864.89	-963.52	264.03	151.08	68.52	-148.26	-45.91	-111.40	41.18	45.74	28.39	10.85	4.48	6.72	-51.52	-1.73
MRBLD1CB70_SIN		0.00	-200.45	-82.71	128.57	225.64	58.33	-11.72	40.81	-33.99	7.38	-58.62	13.05	9.30	6.83	31.07	-24.36
MRBLD1CB120_COS		-439.75	-396.17	390.67	152.34	54.60	-86.36	-4.48	-16.38	-34.82	-7.63	2.65	2.61	-0.49	4.70	-2.31	3.06
MRBLD1CB120_SIN		0.00	1.48	-148.73	42.46	177.34	80.16	-26.23	48.31	-6.27	-9.12	44.70	-3.52	-0.39	-0.70	-9.13	-10.15
MRBLD1CB164_COS		-1942.85	-127.00	126.14	29.74	-17.14	-12.51	26.41	51.25	-40.69	-20.89	-8.41	0.91	2.39	-3.08	33.02	-4.50
MRBLD1CB164_SIN		0.00	58.81	-49.77	26.51	60.59	33.25	-18.81	11.91	-1.16	-22.52	43.50	0.46	2.50	0.23	-12.32	18.12
MRBLD1FB42P75_COS		3123.92	259.05	-391.23	553.07	-243.63	-70.49	-109.40	-333.68	-104.58	-22.66	40.43	55.11	42.76	36.17	-33.16	-68.97
MRBLD1FB42P75_SIN		0.00	54.13	-13.73	157.46	-97.98	174.89	10.00	119.50	-93.51	-74.09	-70.92	2.79	6.97	24.70	169.43	-41.17
MRBLD1FB70_COS		395.41	-1.51	-178.24	150.91	-76.43	-17.90	-11.79	-48.63	-1.87	4.59	0.42	-1.14	-4.60	-6.81	10.21	16.13
MRBLD1FB70_SIN		0.00	-198.13	15.63	48.48	-42.39	34.62	5.59	29.06	-7.03	1.76	1.84	3.86	2.97	-3.39	-35.04	8.47
MRBLD1FB87_COS		-89.48	25.78	-148.08	42.05	-60.57	-17.99	-0.74	31.26	15.21	6.16	-4.41	-10.43	-6.85	-8.07	2.03	8.94
MRBLD1FB87_SIN		0.00	-188.36	43.97	64.71	-16.53	3.78	-0.58	-11.85	9.20	9.45	17.25	-0.37	0.26	-1.57	-33.50	7.57
MRBLD1FB120_COS		-465.30	28.16	-230.24	-1.26	-18.64	11.89	18.82	69.22	4.53	-8.72	-5.51	2.98	7.41	11.66	-6.72	-14.27
MRBLD1FB120_SIN		0.00	-217.15	90.58	131.63	34.27	-28.69	-11.89	-44.33	11.36	-0.91	-8.94	-3.45	-5.24	-0.11	48.67	-11.16
MRBLD1FB164_COS		-258.25	70.32	-331.53	98.46	184.77	62.17	-2.70	-100.71	-8.47	9.54	3.97	-4.67	-3.83	-2.22	6.07	5.85
MRBLD1FB164_SIN		0.00	-339.83	78.25	142.97	122.91	-22.03	18.23	54.38	-18.92	1.19	16.12	0.35	-0.91	0.25	-23.66	6.58

RUN	POINT	Harmonics															
45	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-270.80	14.50	-189.01	60.24	148.27	47.79	-27.55	-92.88	16.92	9.54	-19.92	-14.69	10.85	15.81	-12.52	-19.76
MRBLD1FB180_SIN		0.00	-256.19	48.22	60.28	76.54	3.56	19.20	61.27	-18.29	-5.33	36.02	4.59	-6.20	-5.82	55.34	-12.69
MRBLD1TOR51_COS		-1507.18	70.90	-0.33	114.55	-9.00	-99.64	7.36	-35.37	8.19	4.45	-4.34	-0.67	3.69	0.61	-13.51	1.78
MRBLD1TOR51_SIN		0.00	-173.62	-6.61	45.74	39.68	51.13	-9.45	40.28	0.50	-3.79	-4.34	-0.18	2.26	1.84	8.82	-9.27
MRBLD1TOR71_COS		-337.91	88.22	-8.11	87.32	1.84	-79.93	12.20	-16.84	6.74	1.53	-6.19	-2.38	3.17	2.23	-8.27	0.66
MRBLD1TOR71_SIN		0.00	-164.20	-9.49	23.34	33.82	43.45	-3.60	40.56	8.03	0.02	0.89	0.06	0.52	0.65	2.19	-5.26
MRBLD1TOR130_COS		-93.09	77.37	13.24	63.79	21.10	-63.23	6.23	-19.21	5.10	3.02	3.72	0.23	0.59	-0.13	-0.44	-2.86
MRBLD1TOR130_SIN		0.00	-153.32	-14.03	7.70	42.75	42.82	-1.77	30.22	1.80	0.63	3.81	8.33	3.53	1.18	-6.93	4.08
MRBLD1TOR164_COS		-270.06	39.80	61.96	24.41	-0.29	-47.31	-4.44	-2.76	6.29	3.73	0.04	0.42	2.53	4.36	-5.20	-3.47
MRBLD1TOR164_SIN		0.00	-89.94	-15.62	-21.36	3.30	35.21	2.29	17.68	2.08	-1.13	4.72	4.51	2.60	2.26	-2.68	-0.53
MRFBM2CB26P5_COS		-1951.36	-44.05	23.31	-66.75	-18.39	0.79	-0.98	0.83	1.41	-3.99	1.77	-1.27	-1.81	0.09	-2.23	-0.61
MRFBM2CB26P5_SIN		0.00	-545.86	-8.12	-40.86	11.24	3.31	-0.86	-9.68	8.03	0.17	-2.54	2.07	-1.41	-0.28	4.07	-1.90
MRFBM2FB9_COS		232.86	-58.93	-127.04	31.82	28.38	15.52	2.43	-7.16	1.05	2.09	-1.70	0.03	1.78	-0.97	0.79	0.20
MRFBM2FB9_SIN		0.00	-90.64	56.88	129.29	-0.77	-12.50	5.47	14.59	-6.00	1.39	1.78	-1.40	0.35	0.83	-4.43	1.68
MRFBM2TOR26P5_COS		-424.03	117.60	1.06	0.12	0.41	-0.66	-0.38	-0.14	-0.06	0.03	-0.07	0.12	-0.03	0.00	0.20	0.09
MRFBM2TOR26P5_SIN		0.00	50.12	0.38	-1.19	0.48	-0.45	0.26	-0.18	-0.25	0.04	0.03	-0.13	0.08	0.00	0.00	0.06

RUN	POINT	Harmonics															
45	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-788.49	-1434.71	-68.18	275.20	-24.37	-94.15	-35.20	-151.56	24.24	25.99	25.86	12.69	7.41	1.56	-68.13	-3.26
MRPC1CB33P25_SIN		0.00	-258.34	-57.96	46.83	31.36	26.36	-5.41	-0.71	-54.34	-9.57	-45.72	18.54	15.47	18.76	36.65	-29.45
MRPC1FB33P25_COS		2200.08	178.90	-334.90	420.63	-178.49	-106.99	-90.92	-305.47	-32.94	25.86	70.03	38.07	24.68	3.94	-170.74	-2.87
MRPC1FB33P25_SIN		0.00	214.72	-77.50	232.09	-127.84	121.15	-35.09	-42.84	-120.98	-65.89	-30.49	36.03	34.31	44.97	69.46	-85.20
MRPC1TOR25P5_COS		-708.59	-49.87	-39.12	-113.07	6.27	94.22	-18.81	22.31	-8.17	0.95	11.10	2.60	-1.90	1.59	-11.40	-6.24
MRPC1TOR25P5_SIN		0.00	239.41	-33.59	-21.94	-40.77	-44.38	9.09	-47.22	-10.72	2.67	2.75	6.72	0.46	4.41	-13.51	0.25
MRPLK1LOAD_COS		-74.31	0.90	-2.69	-14.21	1.30	13.19	-1.91	4.28	-0.96	0.01	1.43	-0.21	-0.21	0.18	-1.46	-1.22
MRPLK1LOAD_SIN		0.00	2.88	-1.35	-4.57	-5.84	-6.38	1.30	-5.97	-1.14	0.00	0.97	0.92	-0.18	0.33	-4.12	0.50
PITCHRH_COS		7964.83	-8855.01	-813.89	-38.42	-67.09	-1271.58	-171.48	-6.72	2.74	-6.34	113.73	-33.37	0.37	-137.30	27.51	-558.57
PITCHRH_SIN		0.00	1560.41	-768.42	44.38	61.02	-30.70	128.43	30.04	-9.74	-44.01	-278.49	-65.12	22.33	102.85	-32.51	184.10
ROLLRH_COS		1129.18	-1188.67	800.40	18.56	-387.07	100.47	-116.62	-19.41	112.48	42.83	294.01	37.41	-70.38	106.73	-45.52	-559.05
ROLLRH_SIN		0.00	-8460.73	-1050.78	-41.24	22.30	-474.12	-316.17	82.88	-1.83	-40.68	-70.96	-28.94	49.49	189.51	-55.37	-729.88
TORQ_COS		31664.34	288.55	-22.18	5.01	-130.93	133.47	1.55	41.07	-19.29	2.64	11.17	3.93	5.48	-0.82	-2.71	20.13
TORQ_SIN		0.00	719.36	-3.57	-0.61	-149.52	82.01	-5.60	19.60	-3.41	-4.58	-3.17	7.49	-7.62	5.09	-13.09	-17.23
THRUST_COS		5661.57	1.32	12.50	2.30	29.55	58.22	5.48	22.60	-1.63	-3.85	-14.89	3.90	4.77	0.88	5.43	3.73
THRUST_SIN		0.00	-95.37	-9.53	8.90	47.58	-71.93	4.42	1.00	-3.00	1.71	24.61	-0.53	-1.44	-3.00	-14.49	43.58

RUN	POINT	Harmonics															
45	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.89	10.17	-16.65	-3.99	14.47	3.27	10.20	0.43	-2.23	-2.88	-12.40	-1.63	2.30	-3.13	1.36	16.22
SIDERH_SIN		0.00	184.71	18.36	0.47	-67.82	25.07	14.63	-3.01	0.70	1.96	3.03	2.86	-1.53	-5.66	1.30	20.66
DRAGRH_COS		-122.64	241.95	14.67	0.48	-12.75	-14.73	7.18	-7.62	0.49	0.17	1.13	6.81	-2.61	7.07	-1.85	22.51
DRAGRH_SIN		0.00	-45.54	11.80	-2.16	2.66	-79.47	-42.97	0.78	3.98	1.30	15.96	0.10	1.35	-4.59	0.11	-9.04

RUN	POINT	Harmonics															
45	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.40	0.13	0.02	-0.05	-0.04	-0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	-0.20	0.05	-0.02	-0.04	-0.03	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.60	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.86	1.14	0.01	-1.96	-1.41	-0.07	0.29	0.25	-0.02	-0.05	0.21	0.24	0.11	0.09	0.26	0.00
ACT1FORCE_SIN		0.00	15.42	1.40	0.34	-0.44	-0.87	-0.16	0.02	0.21	-0.10	-0.07	0.10	0.04	-0.17	-0.06	0.13
FA1IBCURRENT_COS		-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.37	-2.33	-0.06	0.03	0.00	0.04	0.02	-0.01	-0.01	0.02	0.03	-0.01	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-169.06	0.11	0.00	-0.06	0.01	0.03	0.03	0.00	0.02	0.02	0.01	0.00	0.02	0.01	0.01
FA1OBCURRENT_COS		0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.99	2.35	0.05	-0.02	0.00	-0.04	-0.02	0.01	0.01	-0.02	-0.02	0.01	-0.01	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN		0.00	169.40	-0.02	0.00	0.06	-0.01	-0.03	-0.03	0.00	-0.02	-0.02	-0.01	0.00	-0.02	-0.01	-0.01
MRBLD1CB42P75_COS		-4442.13	-1309.57	5.54	218.89	-78.05	-95.06	-44.56	-120.28	39.28	14.56	-12.96	19.12	-10.17	-12.69	-64.09	1.66
MRBLD1CB42P75_SIN		0.00	-203.18	-47.77	68.63	163.32	-8.24	14.34	-46.81	-36.97	-9.78	-134.65	38.49	15.37	4.39	7.91	-17.39

RUN	POINT	Harmonics															
45	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2766.35	-813.38	283.64	123.42	-79.32	-110.61	-34.64	-87.81	27.89	18.58	-24.52	17.77	-2.94	0.36	-53.63	2.22
MRBLD1CB70_SIN		0.00	-103.13	-57.03	91.48	316.67	20.82	45.45	-13.26	-25.72	-4.83	-99.81	17.94	6.54	-1.80	2.70	-18.36
MRBLD1CB120_COS		-452.98	-353.43	418.76	124.17	-49.25	-63.89	1.22	-37.29	-24.95	1.25	28.17	-4.25	6.25	8.50	1.52	3.84
MRBLD1CB120_SIN		0.00	64.64	-134.38	16.29	275.06	48.28	56.49	2.23	-10.01	-6.74	78.65	-8.53	1.61	2.30	-7.65	-7.04
MRBLD1CB164_COS		-1946.99	-110.77	137.15	22.08	-54.24	-19.02	21.12	25.83	-28.66	-4.87	28.09	-8.63	3.70	-0.70	32.10	-5.80
MRBLD1CB164_SIN		0.00	72.40	-46.18	18.35	107.96	25.27	14.94	8.23	-8.45	-17.91	81.55	-1.51	6.04	4.02	4.05	13.40
MRBLD1FB42P75_COS		3229.21	176.10	-433.67	426.33	-80.96	-56.18	-93.56	-328.64	-85.03	-39.23	44.87	57.22	24.50	8.09	-64.30	-41.85
MRBLD1FB42P75_SIN		0.00	37.09	-28.91	159.57	-44.45	101.75	23.08	-37.66	-90.38	-75.30	-98.30	28.01	19.19	20.03	104.83	-34.15
MRBLD1FB70_COS		408.19	0.35	-195.09	112.91	-39.49	-14.25	-8.53	-45.92	-0.63	1.23	-3.12	-1.66	-2.17	-1.97	14.72	10.45
MRBLD1FB70_SIN		0.00	-200.16	12.48	42.69	-17.39	12.76	8.63	2.60	-4.08	3.01	2.19	1.74	1.45	-2.25	-22.48	7.23
MRBLD1FB87_COS		-88.21	28.72	-158.90	25.97	-46.68	-21.66	-2.63	30.49	14.55	11.65	-0.82	-11.22	-3.17	-1.36	10.15	4.14
MRBLD1FB87_SIN		0.00	-195.65	40.12	61.19	-2.22	0.48	-2.32	1.70	8.43	10.30	24.75	-4.55	-2.04	-1.28	-19.82	6.63
MRBLD1FB120_COS		-477.64	36.39	-242.16	-11.79	-22.89	-3.05	11.15	67.94	-0.21	-7.80	-5.45	1.77	2.06	2.36	-17.30	-7.96
MRBLD1FB120_SIN		0.00	-240.40	82.79	125.17	38.54	-7.91	-17.83	-5.61	7.65	-3.42	-11.49	-0.95	-3.87	-1.26	29.15	-9.50
MRBLD1FB164_COS		-223.90	40.78	-354.37	50.45	124.79	67.20	8.27	-93.77	-3.62	9.38	5.51	-4.62	-1.00	0.61	9.61	0.85
MRBLD1FB164_SIN		0.00	-304.68	66.18	149.98	62.88	-16.20	21.48	1.15	-14.69	2.14	20.04	-2.11	-0.47	1.39	-12.44	7.50

RUN	POINT	Harmonics															
45	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-237.97	-9.21	-206.73	27.51	106.46	48.11	-16.73	-87.21	15.87	12.63	-14.43	-22.43	7.92	9.13	-22.75	-10.55
MRBLD1FB180_SIN		0.00	-211.46	40.69	66.17	33.59	-8.34	21.52	10.65	-15.58	-8.70	45.17	-3.33	-3.80	-5.50	32.01	-14.47
MRBLD1TOR51_COS		-1464.79	51.94	-28.07	76.48	-6.76	-33.62	6.66	-36.08	7.13	3.25	-6.91	-2.23	2.49	1.96	-8.76	2.17
MRBLD1TOR51_SIN		0.00	-81.15	-10.13	35.09	20.26	4.29	-3.24	19.07	0.33	-6.75	-1.41	-4.34	0.89	-0.04	2.92	-4.37
MRBLD1TOR71_COS		-298.65	68.58	-34.17	57.06	2.53	-21.17	12.37	-21.27	5.12	1.24	-7.47	-3.19	2.50	3.39	-5.46	1.23
MRBLD1TOR71_SIN		0.00	-79.64	-13.25	15.66	11.27	3.12	0.52	27.96	7.21	-2.19	4.64	-4.02	-0.19	-0.26	-0.49	-3.03
MRBLD1TOR130_COS		-55.42	57.28	-11.82	37.56	13.73	-15.08	9.49	-19.83	3.72	0.80	4.31	-0.44	-0.29	-0.43	-2.67	-2.25
MRBLD1TOR130_SIN		0.00	-66.06	-14.96	4.14	17.08	6.12	2.77	18.93	3.97	-1.38	2.58	9.47	3.68	1.39	-4.61	0.64
MRBLD1TOR164_COS		-249.27	27.11	47.73	13.67	-2.55	-20.52	-1.48	-4.76	4.41	2.83	-0.44	-0.73	2.31	3.01	-6.24	-2.65
MRBLD1TOR164_SIN		0.00	-25.30	-14.27	-22.80	-1.43	5.39	4.63	15.06	3.27	-0.25	5.67	5.14	2.55	1.20	-4.10	-3.22
MRFBM2CB26P5_COS		-2087.56	-131.06	25.31	-65.41	-33.29	12.04	6.49	11.57	-0.45	-4.27	6.30	-1.35	-1.37	-0.55	1.07	-1.25
MRFBM2CB26P5_SIN		0.00	-372.68	-17.98	-37.00	-1.25	-1.75	0.59	-6.81	9.07	-1.85	-2.43	2.76	-0.41	0.24	3.94	-1.60
MRFBM2FB9_COS		328.50	-133.17	-145.48	13.32	12.95	11.75	3.67	-19.11	1.84	2.17	-3.01	0.30	1.36	-0.53	0.46	0.58
MRFBM2FB9_SIN		0.00	-296.78	80.17	118.83	-3.34	-6.17	7.36	16.47	-6.66	1.42	-1.05	-0.74	0.40	0.70	-2.88	1.40
MRFBM2TOR26P5_COS		-423.33	117.78	1.15	-0.06	0.39	-0.31	-0.29	0.03	-0.03	0.09	-0.08	0.10	-0.03	-0.04	0.20	0.12
MRFBM2TOR26P5_SIN		0.00	49.87	0.10	-0.83	0.51	-0.59	-0.10	-0.38	-0.26	0.05	0.03	-0.12	0.07	0.02	-0.02	0.11

RUN	POINT	Harmonics															
45	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-913.47	-1216.37	-76.44	243.60	-49.48	-61.36	-35.03	-108.53	20.66	8.12	6.96	13.49	-4.77	-9.88	-56.12	2.16
MRPC1CB33P25_SIN		0.00	-164.55	-31.97	26.83	57.40	-5.80	-0.83	-51.88	-41.12	-18.73	-79.68	31.52	14.89	7.84	6.89	-18.70
MRPC1FB33P25_COS		2289.72	105.23	-362.42	317.11	-64.73	-78.00	-80.89	-238.34	-19.67	12.08	87.26	24.86	3.91	-10.54	-134.78	6.05
MRPC1FB33P25_SIN		0.00	193.03	-95.11	210.79	-43.84	66.65	-17.47	-163.39	-108.84	-75.58	-50.11	56.23	30.01	20.28	6.09	-58.19
MRPC1TOR25P5_COS		-750.60	-37.38	-6.11	-75.22	0.85	22.60	-16.14	28.02	-7.75	-1.16	11.87	5.21	-4.29	-1.74	-14.87	-5.08
MRPC1TOR25P5_SIN		0.00	143.02	-33.43	-11.81	-10.54	0.08	3.79	-29.02	-8.25	5.88	-6.13	13.94	1.39	3.24	-11.07	-6.33
MRPLK1LOAD_COS		-80.73	4.25	1.24	-9.12	0.54	3.69	-1.56	5.11	-0.89	-0.06	1.92	0.05	-0.45	-0.17	-2.23	-1.00
MRPLK1LOAD_SIN		0.00	-9.72	-0.82	-3.36	-2.33	0.30	0.22	-3.06	-0.80	0.29	-0.03	2.04	-0.12	0.18	-3.25	-1.00
PITCHRH_COS		9645.83	-9938.73	-996.06	2.44	-158.07	-623.21	-22.41	80.12	34.46	-36.67	78.89	-151.69	16.99	-112.36	-4.67	-512.41
PITCHRH_SIN		0.00	1141.86	-944.41	242.39	63.23	20.17	-121.48	40.23	-24.23	-95.55	-245.61	18.70	21.68	115.35	4.24	146.50
ROLLRH_COS		1725.57	-1097.29	925.57	-73.07	-480.54	-287.96	-445.97	23.91	87.62	91.19	312.76	-85.77	-6.10	109.07	0.11	-579.10
ROLLRH_SIN		0.00	-9435.00	-1162.01	31.98	78.14	140.07	-180.35	-0.55	43.40	-78.66	-10.39	-102.15	117.23	141.90	-91.90	-627.66
TORQ_COS		30208.67	518.66	-12.91	-34.35	51.83	82.03	-0.28	7.29	-18.65	2.01	-1.86	3.28	3.64	-2.37	-1.88	17.52
TORQ_SIN		0.00	821.15	-1.85	17.95	-181.88	85.07	2.63	6.16	-6.05	-4.51	1.76	1.52	-11.80	8.03	-5.64	-7.02
THRUST_COS		5840.94	-214.42	10.67	-4.92	-2.49	34.28	8.15	1.60	-4.92	-3.53	-30.13	4.51	2.16	-0.41	6.78	6.47
THRUST_SIN		0.00	-206.67	-12.24	26.17	47.67	-40.91	2.32	0.14	-4.77	4.99	19.47	-5.94	-5.16	-2.12	5.97	40.04

RUN	POINT	Harmonics															
45	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.46	43.99	-18.52	0.49	31.97	4.38	28.59	-3.30	-1.86	-5.28	-12.33	4.69	-0.05	-3.47	-0.13	16.72
SIDERH_SIN		0.00	254.40	21.12	4.21	-71.75	-43.64	12.99	0.52	-0.83	4.30	0.34	5.02	-3.63	-4.32	1.99	18.01
DRAGRH_COS		-107.38	236.98	22.25	-1.05	-13.81	61.15	-6.79	-2.10	-3.69	1.35	1.54	7.19	-1.65	5.21	0.74	20.29
DRAGRH_SIN		0.00	-56.14	14.28	-3.10	9.16	17.35	-13.11	2.09	5.34	4.73	13.87	-8.37	1.94	-4.94	-0.79	-6.32

RUN	POINT	Harmonics															
45	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.37	0.27	0.23	-0.20	-0.13	0.11	0.00	0.02	-0.01	0.00	0.02	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN		0.00	-0.08	0.02	-0.03	0.13	-0.21	0.00	0.02	0.02	0.01	-0.02	0.00	0.02	-0.01	-0.01	0.00
ACT1DISP_COS		2.60	-0.03	-0.03	0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.01	0.00	0.00	-0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.84	0.78	0.23	-3.91	-3.93	2.23	0.05	0.48	-0.44	-0.22	0.78	0.02	-0.11	0.26	0.32	-0.08
ACT1FORCE_SIN		0.00	14.89	3.54	0.77	-3.37	2.12	-0.26	0.69	0.17	0.19	-0.46	-0.05	0.75	-0.09	-0.50	0.31
FA1IBCURRENT_COS		-0.01	-0.01	0.00	0.00	0.03	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.42	37.68	39.32	-16.78	13.61	-0.24	-0.11	-0.13	-0.08	-0.02	0.07	0.05	-0.15	0.04	0.07	-0.02
FA1IBVOLTAGE_SIN		0.00	-126.62	-33.65	-5.32	63.00	-73.29	0.15	0.17	-0.03	-0.02	0.07	-0.01	-0.02	0.12	-0.07	0.02
FA1OBCURRENT_COS		0.02	0.01	0.01	0.00	-0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.96	-37.70	-39.39	16.77	-13.77	0.47	0.08	0.04	0.13	-0.01	-0.07	-0.04	0.14	-0.05	-0.06	0.01
FA1OBVOLTAGE_SIN		0.00	126.88	33.83	5.34	-63.20	73.35	-0.04	-0.13	0.07	-0.08	-0.01	0.01	0.02	-0.13	0.06	-0.02
MRBLD1CB42P75_COS		-4367.10	-1250.33	39.75	224.92	102.31	-138.65	-53.80	-137.64	42.39	21.66	-8.05	14.37	-1.13	-9.27	-60.61	2.94
MRBLD1CB42P75_SIN		0.00	-202.53	-60.90	113.85	-6.54	-11.06	12.36	-42.15	-37.75	-2.06	-146.44	33.71	11.53	8.91	18.02	-16.29

RUN	POINT	Harmonics															
45	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2815.78	-778.64	285.20	127.45	200.77	-143.69	-33.92	-106.77	35.78	28.38	-12.61	9.79	1.95	3.17	-52.19	1.01
MRBLD1CB70_SIN		0.00	-108.52	-65.15	145.06	78.83	-31.46	8.92	1.69	-19.03	3.11	-113.99	17.40	6.63	2.76	9.76	-17.17
MRBLD1CB120_COS		-427.82	-346.54	402.92	138.46	177.35	-75.36	20.12	-47.79	-20.45	-0.13	29.26	0.46	3.22	9.08	-0.51	2.33
MRBLD1CB120_SIN		0.00	51.04	-135.98	52.84	49.32	-14.32	-10.03	14.20	-0.18	-5.91	79.97	-7.58	3.02	1.25	-8.76	-7.77
MRBLD1CB164_COS		-1941.53	-108.75	136.16	25.44	24.59	-6.36	37.76	25.91	-31.16	-11.21	20.37	0.23	2.68	-2.52	32.45	-3.34
MRBLD1CB164_SIN		0.00	65.56	-45.07	32.49	19.28	-4.89	-16.52	10.33	-4.76	-20.62	88.00	-2.36	4.88	1.99	1.51	14.03
MRBLD1FB42P75_COS		3192.38	161.69	-397.20	521.65	-265.45	-86.72	-112.72	-344.88	-90.16	-41.50	33.44	57.40	26.80	14.23	-48.71	-44.36
MRBLD1FB42P75_SIN		0.00	39.50	-29.75	158.44	-98.60	203.12	27.81	-26.20	-89.91	-66.36	-92.00	14.39	9.25	20.38	116.27	-33.55
MRBLD1FB70_COS		402.81	0.33	-177.14	138.92	-77.87	-22.76	-12.15	-49.39	-0.64	1.45	-3.25	-1.74	-2.80	-3.38	12.36	10.88
MRBLD1FB70_SIN		0.00	-199.06	12.48	49.60	-55.05	36.42	8.38	4.14	-4.12	3.61	1.49	2.62	2.76	-2.34	-24.66	7.15
MRBLD1FB87_COS		-91.51	29.86	-143.73	39.30	-63.28	-18.81	-1.03	32.30	15.58	11.72	1.33	-10.71	-3.08	-2.36	6.83	4.85
MRBLD1FB87_SIN		0.00	-194.30	40.41	67.47	-18.48	3.53	-1.93	-0.08	8.37	8.88	23.37	-2.41	-0.05	-1.71	-22.60	5.97
MRBLD1FB120_COS		-481.90	40.44	-225.44	-1.75	-21.68	9.52	16.38	70.95	-0.03	-7.88	-6.07	1.73	2.07	3.81	-12.74	-9.23
MRBLD1FB120_SIN		0.00	-236.05	83.73	134.19	49.29	-27.14	-14.77	-7.43	7.78	-4.07	-10.42	-1.66	-5.45	-0.03	32.78	-9.13
MRBLD1FB164_COS		-230.61	35.06	-355.37	87.38	197.98	72.49	0.18	-104.41	-4.48	8.09	6.62	-4.75	-2.18	0.48	7.70	1.62
MRBLD1FB164_SIN		0.00	-297.47	58.17	138.76	113.81	-27.71	16.81	-0.09	-14.99	5.10	18.96	-1.97	0.55	0.36	-15.09	6.37

RUN	POINT	Harmonics															
45	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-241.68	-18.97	-217.09	47.83	156.87	50.75	-23.89	-98.39	18.85	15.28	-9.15	-19.94	9.12	9.32	-19.80	-11.00
MRBLD1FB180_SIN		0.00	-208.56	35.68	56.51	60.85	-4.27	18.50	13.04	-16.63	-7.06	45.51	-0.98	-3.40	-2.20	40.21	-11.12
MRBLD1TOR51_COS		-1464.68	34.93	-43.04	113.74	6.57	-101.47	15.44	-35.13	6.40	3.35	-5.64	-2.19	1.90	1.41	-11.04	1.71
MRBLD1TOR51_SIN		0.00	-88.88	-22.01	34.90	15.17	23.28	5.41	24.24	2.65	-5.06	-4.97	-3.11	2.63	-0.54	4.22	-4.06
MRBLD1TOR71_COS		-298.69	51.70	-49.04	88.14	13.23	-81.07	20.32	-19.47	4.68	1.62	-6.23	-3.57	1.85	3.22	-7.12	0.87
MRBLD1TOR71_SIN		0.00	-86.20	-23.81	13.48	14.24	18.69	8.71	32.26	9.54	-1.21	1.95	-2.88	1.54	-0.36	-0.15	-2.25
MRBLD1TOR130_COS		-55.12	40.38	-28.04	63.51	31.39	-64.07	15.04	-19.52	3.36	1.21	3.90	-0.74	0.63	0.50	-1.56	-1.78
MRBLD1TOR130_SIN		0.00	-71.77	-26.63	-1.67	23.46	20.65	6.79	21.66	4.84	-0.91	0.97	8.77	4.10	2.33	-5.24	1.32
MRBLD1TOR164_COS		-246.07	15.28	32.19	25.74	4.63	-52.41	-0.24	-4.12	5.33	4.05	-0.54	-1.04	3.51	3.48	-4.61	-2.12
MRBLD1TOR164_SIN		0.00	-30.96	-21.93	-27.17	-10.86	20.62	6.49	16.08	4.02	-0.60	5.67	4.90	2.69	2.86	-2.98	-3.57
MRFBM2CB26P5_COS		-2033.44	-85.60	7.02	-68.16	-11.84	-1.58	-1.92	13.00	-3.21	-2.97	0.83	0.11	-1.86	-0.50	-0.01	-1.80
MRFBM2CB26P5_SIN		0.00	-418.95	-11.52	-37.36	4.92	-12.17	-0.03	-11.97	7.08	-1.41	-2.52	2.60	-1.26	0.27	1.38	-1.39
MRFBM2FB9_COS		290.54	-127.98	-109.09	40.17	34.25	19.48	1.93	-22.49	2.84	0.83	-0.47	-0.08	1.62	-0.80	1.07	0.84
MRFBM2FB9_SIN		0.00	-249.35	66.50	130.51	-9.17	-13.85	3.13	23.01	-6.18	1.79	-1.26	-0.99	0.28	0.48	-1.70	1.12
MRFBM2TOR26P5_COS		-423.37	117.54	0.93	0.09	0.79	-1.00	-0.36	0.14	-0.10	0.05	-0.05	0.09	-0.05	0.00	0.16	0.11
MRFBM2TOR26P5_SIN		0.00	50.33	0.09	-0.78	0.25	-0.49	0.32	-0.47	-0.35	0.06	0.04	-0.14	0.07	0.01	0.01	0.12

RUN	POINT	Harmonics															
45	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-846.63	-1162.35	-41.03	256.80	17.82	-96.96	-41.38	-120.03	18.57	9.88	4.53	13.46	1.23	-7.63	-54.33	2.29
MRPC1CB33P25_SIN		0.00	-163.21	-47.92	53.02	-37.76	15.84	5.58	-51.89	-44.55	-13.31	-84.97	26.55	10.64	10.66	16.29	-18.36
MRPC1FB33P25_COS		2256.11	92.93	-334.13	394.20	-193.80	-128.18	-99.01	-255.84	-23.28	6.66	75.11	32.64	13.12	-6.36	-135.02	4.11
MRPC1FB33P25_SIN		0.00	193.06	-92.50	227.20	-136.85	136.58	-22.82	-159.48	-110.76	-69.86	-51.96	46.49	24.61	25.61	25.50	-59.48
MRPC1TOR25P5_COS		-750.44	-19.92	10.30	-116.24	-8.05	94.03	-26.15	25.05	-6.75	-0.50	10.07	4.14	-1.24	0.42	-11.20	-4.00
MRPC1TOR25P5_SIN		0.00	150.56	-22.62	-10.38	-19.81	-16.50	-7.34	-33.75	-10.48	4.52	-3.12	11.10	-1.29	6.00	-11.60	-5.46
MRPLK1LOAD_COS		-80.32	6.66	3.31	-14.29	-0.62	13.30	-3.21	4.60	-0.75	0.19	1.64	-0.26	-0.04	0.24	-1.70	-0.77
MRPLK1LOAD_SIN		0.00	-8.42	0.83	-2.89	-2.86	-2.40	-0.96	-3.77	-0.99	0.05	0.41	1.53	-0.32	0.74	-3.51	-0.70
PITCHRH_COS		9372.45	-9753.91	-581.77	48.72	-17.71	-1298.24	28.60	-1.54	-25.89	30.08	101.53	-129.42	24.66	-129.24	26.03	-463.11
PITCHRH_SIN		0.00	1138.42	-804.20	47.63	-7.44	-205.45	-94.55	-22.52	118.83	-38.29	-277.18	35.68	36.97	93.61	25.70	173.15
ROLLRH_COS		1529.31	-1193.70	824.39	3.53	108.41	225.14	-597.19	25.25	12.24	82.88	301.06	-122.16	-23.00	86.79	51.66	-590.59
ROLLRH_SIN		0.00	-9241.66	-693.75	37.52	-190.91	-678.06	-263.97	62.52	-15.28	-89.01	-34.59	-94.89	95.38	183.41	-122.20	-569.29
TORQ_COS		30862.32	494.69	-43.80	20.00	-263.84	133.40	-1.45	12.05	-5.11	2.01	11.75	-1.30	3.04	0.37	-2.47	20.69
TORQ_SIN		0.00	879.76	-3.75	25.70	55.42	112.58	-0.96	21.73	5.50	-5.29	-6.81	2.38	-8.01	5.77	-8.34	-8.47
THRUST_COS		5735.41	-174.97	34.59	10.50	46.65	75.21	10.38	4.21	0.42	-5.94	-20.58	1.92	4.40	-0.61	9.44	5.77
THRUST_SIN		0.00	-228.07	-14.85	-0.72	26.89	-62.20	-0.75	14.46	-6.40	5.69	20.58	-2.42	-3.40	-3.67	6.27	40.63

RUN	POINT	Harmonics															
45	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-169.84	32.94	-22.26	-3.03	-13.58	-4.26	40.49	-0.84	0.92	-3.99	-12.99	6.52	0.34	-2.33	-1.77	17.14
SIDERH_SIN		0.00	240.36	16.48	-0.96	7.47	34.16	17.63	-2.02	0.35	5.78	0.88	5.09	-2.78	-5.64	2.94	16.23
DRAGRH_COS		-109.16	237.29	18.67	1.82	-16.79	-14.81	-8.96	-6.86	-1.24	-1.25	1.55	6.28	-2.87	5.95	-0.95	18.28
DRAGRH_SIN		0.00	-57.88	23.67	-5.03	-1.18	-85.91	-30.00	0.90	-0.06	-1.17	16.75	-9.39	0.66	-4.01	-1.93	-7.34

RUN	POINT	Harmonics															
45	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.53	-0.13	-0.04	-0.11	-0.06	-0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.42	0.02	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS		2.58	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-33.10	-3.77	-1.28	-3.31	-1.89	-0.36	0.16	0.83	0.18	0.20	0.22	0.35	0.19	0.07	0.07	-0.15
ACT1FORCE_SIN		0.00	14.31	0.25	0.93	-0.45	-0.94	-0.63	-0.40	0.04	0.15	0.00	0.18	0.17	0.09	0.08	0.08
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.40	-0.12	0.01	-0.02	0.05	0.05	0.03	0.00	0.00	-0.02	0.01	-0.02	-0.02	-0.02	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-0.04	-0.01	-0.11	-0.06	-0.02	0.01	0.06	0.02	0.03	0.03	0.01	0.01	0.00	-0.01	-0.03
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.92	0.14	0.01	0.02	-0.04	-0.04	-0.04	0.00	0.01	0.01	-0.01	0.02	0.02	0.02	0.01	-0.01
FA1OBVOLTAGE_SIN		0.00	0.06	0.01	0.11	0.07	0.01	-0.01	-0.06	-0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.02	0.02
MRBLD1CB42P75_COS		-4322.33	-1324.12	27.42	242.90	-17.26	-94.56	-53.30	-140.21	38.67	35.39	34.44	4.72	-7.29	-7.04	-64.07	2.27
MRBLD1CB42P75_SIN		0.00	-156.94	-44.60	78.38	164.68	-1.42	12.96	-12.52	-45.28	-0.53	-98.96	43.15	15.85	10.99	27.46	-19.60

RUN	POINT	Harmonics															
45	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2832.74	-810.98	282.82	146.77	15.29	-104.36	-57.67	-94.85	25.64	35.54	13.38	9.21	-2.20	1.55	-46.35	2.79
MRBLD1CB70_SIN		0.00	-77.22	-62.93	111.44	303.24	20.45	44.99	21.27	-28.88	3.12	-75.70	22.10	9.09	6.25	23.52	-19.83
MRBLD1CB120_COS		-447.59	-330.19	408.92	148.37	27.05	-57.47	-26.32	-22.89	-36.40	-7.03	4.16	4.04	6.35	7.14	-1.37	2.84
MRBLD1CB120_SIN		0.00	63.77	-142.14	30.32	263.98	35.79	53.32	32.41	-4.04	-11.99	59.51	-12.46	1.89	3.27	-6.76	-9.13
MRBLD1CB164_COS		-1940.99	-114.24	129.18	31.35	-28.36	-16.05	12.48	36.79	-35.51	-16.26	1.19	-0.50	4.80	0.44	28.14	-7.13
MRBLD1CB164_SIN		0.00	74.99	-52.00	19.56	102.61	18.19	13.98	9.32	-2.17	-23.39	61.36	-3.78	5.16	0.36	-8.76	15.27
MRBLD1FB42P75_COS		3153.30	188.67	-385.25	506.04	-130.51	-56.43	-93.57	-300.44	-104.18	-35.81	61.54	51.91	33.06	23.74	-40.30	-53.68
MRBLD1FB42P75_SIN		0.00	22.74	-12.33	112.94	15.85	99.97	27.10	54.52	-75.44	-78.94	-91.57	32.58	13.59	21.57	135.93	-38.67
MRBLD1FB70_COS		398.04	0.03	-179.79	138.65	-47.43	-14.11	-9.50	-41.95	-2.78	2.98	-0.84	-1.01	-3.05	-4.43	10.53	12.73
MRBLD1FB70_SIN		0.00	-198.50	17.48	28.08	-3.96	12.56	9.35	18.11	-3.92	2.09	1.98	2.62	2.49	-2.35	-27.94	7.94
MRBLD1FB87_COS		-90.47	26.56	-151.27	38.83	-48.48	-20.82	-2.15	29.08	15.73	9.03	-7.43	-9.50	-4.44	-4.61	4.42	5.72
MRBLD1FB87_SIN		0.00	-192.57	43.79	50.94	1.72	0.14	-2.84	-5.86	6.76	10.08	22.03	-7.33	-1.31	-1.28	-26.26	7.29
MRBLD1FB120_COS		-468.58	23.77	-236.37	-1.83	-23.04	0.20	14.65	61.12	4.88	-7.27	-5.05	0.69	3.76	6.47	-9.69	-9.97
MRBLD1FB120_SIN		0.00	-226.76	88.52	119.51	34.31	-8.95	-19.44	-28.68	7.71	-0.77	-9.78	0.48	-5.01	-1.46	37.71	-11.10
MRBLD1FB164_COS		-262.71	78.70	-320.69	72.28	142.97	64.49	5.00	-88.99	-10.68	7.19	1.77	-2.05	-2.20	-1.51	6.57	2.12
MRBLD1FB164_SIN		0.00	-352.92	95.14	142.09	60.17	-19.43	18.99	28.64	-14.83	-0.29	17.62	-4.42	-0.03	2.36	-16.68	7.16

RUN	POINT	Harmonics															
45	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-274.55	25.57	-175.24	38.38	115.46	52.19	-19.46	-86.50	10.05	10.51	-27.84	-15.65	11.60	13.80	-15.63	-14.12
MRBLD1FB180_SIN		0.00	-267.55	60.96	65.23	31.27	-10.72	22.66	39.03	-17.36	-7.88	42.99	-7.16	-6.51	-6.87	42.78	-12.85
MRBLD1TOR51_COS		-1505.90	89.89	3.54	94.54	-6.40	-37.64	-6.43	-35.13	6.98	5.43	-8.25	0.22	5.11	3.42	-11.45	-0.13
MRBLD1TOR51_SIN		0.00	-162.25	9.33	36.40	27.22	16.81	-1.53	27.38	-2.35	-6.62	-3.14	-5.01	1.51	3.39	7.53	-6.79
MRBLD1TOR71_COS		-337.77	103.69	-5.42	70.34	2.97	-24.87	0.69	-19.37	6.13	2.72	-10.00	-0.74	4.34	4.43	-6.77	-0.64
MRBLD1TOR71_SIN		0.00	-156.36	4.86	17.01	16.09	14.80	2.02	31.19	5.03	-2.29	2.39	-4.67	-0.06	1.69	2.48	-3.51
MRBLD1TOR130_COS		-94.16	93.43	16.15	47.47	17.01	-17.58	-0.16	-20.18	3.45	2.49	4.31	-1.03	-0.47	-0.84	-0.98	-1.71
MRBLD1TOR130_SIN		0.00	-145.90	1.18	6.17	19.24	16.68	5.04	22.48	1.36	-1.54	4.37	9.13	3.53	0.29	-5.43	3.18
MRBLD1TOR164_COS		-272.31	51.95	63.19	15.55	-1.50	-19.23	-6.74	-5.03	4.22	2.66	-0.93	-0.45	1.50	2.35	-4.75	-0.91
MRBLD1TOR164_SIN		0.00	-82.41	-6.25	-20.68	-0.58	12.83	7.23	16.69	2.71	-1.22	4.87	5.18	2.73	0.19	-4.08	-2.02
MRFBM2CB26P5_COS		-2006.47	-113.34	12.25	-64.18	-25.52	12.33	5.83	5.23	2.06	-4.39	7.82	-1.70	-1.06	-0.70	0.86	-1.92
MRFBM2CB26P5_SIN		0.00	-384.05	-9.89	-35.47	-0.09	1.81	0.14	-8.99	7.18	-0.34	-1.38	1.99	-1.01	-1.04	3.16	-2.43
MRFBM2FB9_COS		271.51	-88.83	-120.57	26.44	14.14	12.93	3.89	-11.01	0.93	2.42	-3.76	0.60	1.31	-0.49	-0.95	0.96
MRFBM2FB9_SIN		0.00	-230.14	59.02	115.29	-3.17	-9.85	7.88	13.75	-5.84	1.53	0.65	-0.45	0.37	0.77	-3.64	1.68
MRFBM2TOR26P5_COS		-423.95	117.73	1.09	0.03	0.22	-0.31	-0.30	-0.02	-0.08	0.09	-0.14	0.11	-0.02	-0.02	0.20	0.12
MRFBM2TOR26P5_SIN		0.00	49.39	0.42	-0.89	0.50	-0.57	0.03	-0.25	-0.21	-0.01	0.02	-0.07	0.06	0.00	-0.07	0.07

RUN	POINT	Harmonics															
45	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-813.54	-1225.29	-47.04	263.55	-25.96	-62.00	-36.65	-122.29	16.54	19.76	34.66	4.43	-1.37	-4.62	-59.64	1.91
MRPC1CB33P25_SIN		0.00	-123.07	-25.56	27.24	66.36	0.12	-1.62	-23.09	-47.33	-14.71	-59.10	34.15	14.43	12.23	23.72	-22.58
MRPC1FB33P25_COS		2224.30	116.74	-327.34	390.34	-115.45	-76.68	-82.39	-253.43	-41.25	17.01	97.25	16.55	12.53	-2.29	-145.55	4.61
MRPC1FB33P25_SIN		0.00	181.22	-78.50	187.02	-6.82	64.72	-13.97	-80.43	-105.92	-75.99	-33.42	56.07	32.11	32.63	43.33	-70.04
MRPC1TOR25P5_COS		-709.48	-76.36	-39.35	-91.36	1.55	28.29	-2.24	24.37	-9.01	-2.34	16.88	0.40	-7.04	-3.27	-9.98	-1.78
MRPC1TOR25P5_SIN		0.00	224.90	-54.06	-14.31	-18.73	-12.39	2.66	-33.90	-5.78	5.06	-0.69	15.19	0.49	-1.00	-12.35	-1.15
MRPLK1LOAD_COS		-74.86	-1.15	-3.16	-11.41	0.61	4.32	0.30	4.51	-1.01	-0.41	2.41	-0.49	-0.94	-0.50	-1.40	-0.54
MRPLK1LOAD_SIN		0.00	1.46	-3.49	-3.36	-3.42	-1.53	0.09	-4.03	-0.44	0.21	0.60	2.09	-0.28	-0.54	-3.47	0.20
PITCHRH_COS		9830.38	-8870.89	-921.20	-61.56	-24.67	-694.19	-134.88	-16.22	5.69	-33.26	69.96	-93.29	-0.59	-102.52	22.66	-464.05
PITCHRH_SIN		0.00	1633.84	-673.49	164.77	27.55	92.65	166.46	37.77	-37.31	-59.33	-216.75	-66.12	10.65	51.65	-19.62	149.40
ROLLRH_COS		1493.39	-1280.11	671.53	3.57	-311.92	-351.14	-231.07	-6.10	92.96	64.55	292.44	-17.98	4.76	8.73	-87.58	-560.17
ROLLRH_SIN		0.00	-8535.32	-1117.15	-39.24	100.63	96.16	-380.96	26.64	33.44	-1.62	11.68	-104.67	41.66	126.87	-40.88	-596.86
TORQ_COS		30737.45	279.85	-10.86	-9.89	-89.85	87.07	-0.03	19.90	-24.14	0.65	-6.20	2.91	3.89	-0.41	1.83	21.20
TORQ_SIN		0.00	772.55	-8.03	-1.82	-152.95	70.46	0.27	27.28	-0.45	-6.65	1.31	2.43	-9.55	7.45	-14.02	-9.85
THRUST_COS		5756.40	6.03	7.49	-7.21	21.95	37.01	8.47	17.67	-1.25	-4.13	-31.72	3.79	2.64	3.22	7.17	8.38
THRUST_SIN		0.00	-117.20	-0.24	11.46	42.88	-39.96	7.70	7.68	-3.42	-0.09	18.85	-3.23	-3.12	-1.96	-14.66	41.06

RUN	POINT	Harmonics															
45	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-170.05	10.51	-15.08	0.19	11.02	15.34	17.87	-1.38	-1.33	-4.20	-12.08	0.30	0.00	-0.44	2.16	16.18
SIDERH_SIN		0.00	189.79	19.21	0.11	-62.24	-42.36	22.28	-1.68	-0.84	1.13	-0.21	5.11	-1.44	-3.85	0.79	16.94
DRAGRH_COS		-107.15	243.00	16.51	1.08	-4.99	47.60	4.21	-5.97	-1.13	1.86	2.24	8.69	-1.30	4.81	-1.48	18.71
DRAGRH_SIN		0.00	-50.85	9.77	-1.44	2.82	14.20	-38.23	0.90	5.44	2.92	12.67	-1.71	2.46	-2.53	-0.61	-5.80

RUN	POINT	Harmonics															
46	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.59	-0.19	-0.30	0.07	-0.03	0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.57	-0.16	-0.10	0.01	-0.04	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.60	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-16.02	-4.58	-9.71	1.45	-1.39	0.34	0.82	-0.12	-0.32	-0.24	0.13	0.18	-0.13	-0.10	0.06	-0.20
ACT1FORCE_SIN		0.00	19.51	-4.30	-2.15	1.67	-0.99	0.48	0.65	0.34	0.00	-0.28	0.02	0.21	-0.04	0.15	-0.07
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.63	-0.17	0.12	0.10	0.00	0.05	-0.02	-0.02	-0.02	-0.01	0.03	0.00	-0.01	0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.10	-0.17	0.05	-0.04	0.00	0.05	0.00	-0.01	-0.03	0.01	0.03	-0.01	0.01	0.01	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.82	0.18	-0.11	-0.09	0.01	-0.05	0.01	0.02	0.02	0.00	-0.03	0.00	0.01	-0.01	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	0.10	0.17	-0.07	0.04	-0.01	-0.04	0.01	0.01	0.03	0.00	-0.02	0.00	-0.01	-0.01	0.02
MRBLD1CB42P75_COS		-497.26	-1829.69	491.62	-75.25	-13.53	-60.10	-77.95	-8.35	16.40	-23.17	3.87	1.05	-8.51	-10.11	-8.14	-1.69
MRBLD1CB42P75_SIN		0.00	1165.37	101.52	40.89	219.46	-72.61	-23.05	-91.59	40.25	37.24	-85.31	17.48	16.23	10.38	0.17	27.79

RUN	POINT	Harmonics															
46	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4393.89	-1324.72	326.19	-106.58	102.74	-105.42	-98.91	-4.14	15.75	-14.59	-24.34	3.12	-3.26	-4.50	-9.06	11.47
MRBLD1CB70_SIN		0.00	873.97	-51.60	102.16	336.01	-158.27	24.05	-45.31	26.54	40.70	-35.54	7.31	10.67	5.08	-2.29	37.74
MRBLD1CB120_COS		-307.66	-760.55	249.26	15.83	134.04	-106.43	-84.65	28.83	-0.46	4.15	-0.70	-4.31	4.29	5.40	4.92	-1.99
MRBLD1CB120_SIN		0.00	660.03	-99.53	89.31	388.41	-155.66	36.67	-38.65	-39.81	-36.00	50.02	-1.13	-1.20	0.05	-1.68	4.77
MRBLD1CB164_COS		-1971.04	-257.70	43.54	67.30	37.81	-62.55	-30.49	19.91	-10.48	6.46	19.55	-5.91	2.19	1.11	2.32	-7.28
MRBLD1CB164_SIN		0.00	251.76	-42.63	48.23	168.57	-73.49	21.07	13.97	-50.57	-49.83	39.80	5.10	-0.43	0.22	6.47	-26.18
MRBLD1FB42P75_COS		2517.72	435.14	183.67	776.65	-88.75	-53.25	-136.68	-139.56	-72.36	-106.04	-4.04	13.67	0.35	7.69	-3.64	46.41
MRBLD1FB42P75_SIN		0.00	-246.18	400.27	261.78	432.14	215.74	9.82	-291.21	-2.21	-49.81	-125.77	23.35	13.06	1.49	-13.83	30.33
MRBLD1FB70_COS		604.78	100.80	64.57	230.24	-26.15	-14.38	-29.87	-15.71	-0.85	-2.42	-1.34	0.68	0.24	-0.75	1.02	-8.58
MRBLD1FB70_SIN		0.00	-263.01	172.27	48.81	123.59	35.58	0.63	-46.55	7.27	6.66	2.82	1.81	0.94	0.47	2.88	-6.71
MRBLD1FB87_COS		87.61	114.60	-7.16	122.14	-23.16	-13.28	-1.17	10.70	11.95	20.90	3.36	-1.12	1.42	-1.14	1.10	-10.02
MRBLD1FB87_SIN		0.00	-307.88	121.99	22.80	51.75	4.64	-3.21	23.56	-2.14	9.81	30.65	-4.43	-0.94	1.75	5.45	-3.15
MRBLD1FB120_COS		-276.58	145.27	-99.93	114.37	-6.99	-26.57	14.29	18.22	-7.33	-5.30	-5.18	-5.74	-3.31	1.08	-1.31	15.73
MRBLD1FB120_SIN		0.00	-414.85	129.82	85.45	25.90	-3.76	1.74	72.19	-7.06	-10.44	-15.52	-2.68	-5.35	-6.53	-9.38	4.23
MRBLD1FB164_COS		-15.13	180.82	72.21	65.33	94.44	51.94	24.68	-13.46	2.02	6.43	3.14	5.07	2.58	-4.53	-2.39	-7.64
MRBLD1FB164_SIN		0.00	-636.33	267.75	214.59	-46.49	-35.75	-15.41	-104.95	12.55	16.79	21.01	-2.17	2.74	2.43	2.28	-2.66

RUN	POINT	Harmonics															
46	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-99.00	24.35	109.52	-4.33	66.12	56.67	8.35	-22.47	3.71	29.78	6.75	-11.89	-10.65	-2.92	-0.72	19.25
MRBLD1FB180_SIN		0.00	-472.27	186.35	139.07	-54.02	-10.79	-3.50	-93.55	5.63	26.17	62.19	-17.02	-17.00	-11.35	-12.31	5.04
MRBLD1TOR51_COS		-1581.76	212.33	165.74	-17.85	15.08	-26.89	13.42	-27.50	-8.38	3.09	-1.06	-2.10	-0.87	2.40	3.54	0.82
MRBLD1TOR51_SIN		0.00	-305.69	222.03	104.64	-14.32	23.17	-43.59	-48.04	1.74	2.93	9.27	-2.82	-5.72	-5.23	-2.35	6.27
MRBLD1TOR71_COS		-433.15	232.68	128.94	-33.06	22.25	-15.29	21.51	-25.77	-4.37	6.14	-2.33	-2.93	0.64	1.49	2.72	0.19
MRBLD1TOR71_SIN		0.00	-287.75	191.67	69.82	-37.59	21.21	-35.73	-29.36	2.83	5.75	13.80	-4.23	-4.88	-3.14	-0.38	3.83
MRBLD1TOR130_COS		-173.32	212.22	132.87	-57.82	28.01	-6.69	16.02	-16.92	-0.91	2.20	7.83	-3.30	-0.39	-2.84	-2.12	-1.62
MRBLD1TOR130_SIN		0.00	-260.50	136.50	61.70	-47.89	14.73	-26.90	-32.57	2.46	-1.23	0.56	2.01	2.24	3.41	2.37	-1.92
MRBLD1TOR164_COS		-349.16	116.77	90.26	-55.46	3.93	-9.38	0.18	-11.65	3.10	4.75	-0.63	-1.65	1.36	-1.72	-1.34	1.03
MRBLD1TOR164_SIN		0.00	-141.43	49.67	3.81	-24.58	15.42	-14.66	-12.78	0.99	4.38	2.66	-3.73	0.43	2.20	-1.26	-0.44
MRFBM2CB26P5_COS		1557.76	-902.25	-223.18	-13.74	-26.66	-14.73	15.32	-4.35	1.19	-5.98	12.68	0.09	0.46	0.55	0.90	-1.00
MRFBM2CB26P5_SIN		0.00	-260.67	47.80	51.05	37.70	-13.22	5.22	-1.03	3.77	0.80	-11.68	0.89	0.69	-0.32	-0.40	-1.19
MRFBM2FB9_COS		657.14	-162.44	273.96	75.97	-57.60	20.20	2.50	-11.56	-3.09	3.64	-2.43	-0.50	-0.30	-0.46	0.41	-1.20
MRFBM2FB9_SIN		0.00	-436.18	38.96	234.73	-40.62	-27.79	20.24	-10.45	-3.69	-3.40	3.81	2.12	-0.22	0.23	-0.45	-1.74
MRFBM2TOR26P5_COS		-166.75	261.44	-2.95	1.05	-0.20	-0.84	0.96	0.43	-0.11	0.36	-0.24	0.06	0.15	0.03	-0.02	0.07
MRFBM2TOR26P5_SIN		0.00	4.26	0.84	-1.09	-1.19	0.40	0.42	0.24	-0.13	-0.05	0.05	0.23	0.00	0.05	-0.12	-0.04

RUN	POINT	Harmonics															
46	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		55.13	-1449.25	429.81	-43.99	-50.81	-32.46	-66.05	-10.39	17.14	-14.91	13.56	2.79	-3.74	-6.15	-2.71	-3.49
MRPC1CB33P25_SIN		0.00	1082.37	81.07	9.96	135.79	-15.42	-27.77	-85.99	16.89	2.05	-70.33	14.28	9.95	8.51	-2.14	24.51
MRPC1FB33P25_COS		1797.82	349.71	21.97	625.79	-157.22	-102.37	-117.81	6.04	-46.64	-48.58	73.64	-0.97	-6.49	2.11	8.85	-0.66
MRPC1FB33P25_SIN		0.00	-8.82	324.40	349.64	350.26	154.31	-34.15	-299.00	-41.61	-93.67	-97.36	25.86	10.65	8.69	-10.62	61.41
MRPC1TOR25P5_COS		-241.56	-146.58	-199.46	59.64	-24.04	33.48	-18.32	28.84	12.36	1.37	10.83	1.29	1.47	-6.59	-5.61	-2.72
MRPC1TOR25P5_SIN		0.00	92.90	-229.35	-101.53	34.08	-25.33	52.67	40.96	-3.85	-6.09	-15.72	6.42	11.61	11.06	5.50	-1.09
MRPLK1LOAD_COS		23.66	-22.07	-26.41	6.08	-4.67	5.92	-3.93	4.02	3.06	0.52	1.79	-0.73	0.45	-1.24	-1.06	-0.83
MRPLK1LOAD_SIN		0.00	18.11	-31.24	-16.88	4.22	-3.34	7.10	5.81	-0.50	-0.25	-1.61	-0.10	1.54	2.07	0.87	-0.15
PITCHRH_COS		11572.06	-9131.04	-798.44	523.92	18.09	-343.53	256.42	-84.87	-20.93	-18.83	29.88	-11.66	36.65	25.49	-14.11	-183.80
PITCHRH_SIN		0.00	806.01	-2018.65	99.80	-92.12	1260.17	213.76	121.65	169.93	-3.38	-318.29	-3.60	-39.65	45.44	15.96	96.22
ROLLRH_COS		3821.53	-1196.60	2562.28	-204.12	304.87	-2688.71	-173.10	78.07	-217.38	105.32	179.88	29.81	43.81	-78.61	45.38	116.34
ROLLRH_SIN		0.00	-9126.86	-824.23	558.70	-137.51	549.20	-260.02	-67.14	128.56	-105.72	-44.12	-7.30	16.11	-40.26	-18.93	186.81
TORQ_COS		101611.23	-51.14	-133.43	81.15	-132.50	-21.37	1.51	40.40	-9.80	-3.56	-32.08	-2.79	3.28	-0.77	-4.17	8.96
TORQ_SIN		0.00	1404.98	-88.85	455.17	-218.80	-9.05	10.79	60.59	-28.76	-6.19	65.14	1.27	-5.87	2.92	-2.39	1.39
THRUST_COS		5732.33	42.16	24.37	78.40	9.20	50.38	8.46	31.11	0.75	-1.90	-18.90	-9.19	-1.51	-1.78	6.18	-18.67
THRUST_SIN		0.00	-414.06	-23.51	27.13	34.17	-100.97	15.92	9.85	2.52	3.10	54.04	-5.92	-4.30	3.95	1.48	-30.92

RUN	POINT	Harmonics															
46	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.02	64.21	-75.74	13.55	14.21	103.91	21.19	-4.88	2.91	-3.38	-6.11	-1.32	-2.23	2.20	-1.63	-3.20
SIDERH_SIN		0.00	234.44	24.84	8.20	61.47	-145.12	0.76	3.23	-4.22	5.63	-4.59	1.84	-0.58	1.23	0.51	-5.44
DRAGRH_COS		-45.37	246.22	35.68	-4.74	14.26	20.48	-41.95	-1.00	-6.20	-2.47	-8.29	2.46	-0.67	-1.55	1.11	8.74
DRAGRH_SIN		0.00	-63.60	8.39	-9.68	-15.98	107.89	-10.76	3.59	-9.10	4.39	14.03	0.14	4.00	-1.54	-0.54	-6.56

RUN	POINT	Harmonics															
46	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.35	-0.62	-0.46	0.28	-0.13	0.33	0.02	0.00	-0.03	0.03	-0.01	-0.01	-0.01	0.01	-0.01	0.03
FLAP1C_SIN		0.00	0.65	-0.22	0.05	0.11	0.58	-0.01	0.04	-0.04	0.00	0.01	0.02	0.03	-0.01	0.03	0.02
ACT1DISP_COS		2.63	0.07	0.05	-0.03	0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.03	-0.01	-0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.41	-4.84	-11.04	2.84	-2.21	-6.45	0.48	0.18	-0.60	0.78	-0.07	-0.21	-0.45	0.16	-0.56	0.60
ACT1FORCE_SIN		0.00	21.17	-6.74	-0.49	3.24	3.44	-0.35	1.39	-0.67	-0.17	0.28	0.49	0.71	0.02	0.71	0.78
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.01	-0.02	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.61	-79.95	-12.87	43.63	-5.60	151.07	-0.11	-0.30	0.31	0.16	0.43	-0.09	-0.14	0.04	-0.10	-0.30
FA1IBVOLTAGE_SIN		0.00	-1.58	6.13	10.50	5.03	83.08	-0.19	-0.45	0.01	0.21	-0.41	-0.09	-0.09	0.10	-0.09	0.42
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.02	-0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.92	80.11	12.93	-43.76	5.46	-151.48	-0.03	0.26	-0.19	-0.16	-0.11	0.09	0.18	-0.05	0.10	0.27
FA1OBVOLTAGE_SIN		0.00	1.54	-6.20	-10.50	-4.89	-83.14	0.40	0.52	-0.14	-0.16	0.18	0.07	0.06	-0.14	0.10	-0.40
MRBLD1CB42P75_COS		-486.56	-1818.42	480.42	-48.71	-146.72	-5.79	-61.50	-46.01	-9.49	-23.34	17.17	-55.42	-15.71	0.66	-9.32	4.43
MRBLD1CB42P75_SIN		0.00	1191.76	145.77	107.45	150.12	-111.17	76.33	-205.12	8.91	44.82	-97.31	6.25	-15.39	8.00	18.13	17.11

RUN	POINT	Harmonics															
46	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4428.16	-1310.26	313.88	-48.28	-101.14	-111.27	-63.78	-62.20	-8.67	-8.96	-35.40	-44.04	-9.69	3.80	-3.96	18.31
MRBLD1CB70_SIN		0.00	887.48	-36.62	175.07	258.29	-150.83	195.73	-159.24	12.54	49.95	-22.25	1.37	-7.87	2.69	10.11	33.86
MRBLD1CB120_COS		-281.82	-740.30	244.76	67.63	-4.62	-183.52	-18.39	-33.27	-1.65	6.76	-1.09	16.85	2.90	5.74	5.24	0.33
MRBLD1CB120_SIN		0.00	659.22	-83.94	119.12	338.84	-155.08	219.41	-116.18	-10.01	-46.06	57.87	5.41	12.66	-3.20	-3.02	6.09
MRBLD1CB164_COS		-1963.13	-257.32	39.13	103.25	-9.02	-120.15	-13.48	8.33	-13.47	5.13	38.61	20.58	-0.50	-1.08	-0.76	-11.71
MRBLD1CB164_SIN		0.00	253.07	-48.25	64.00	162.36	-55.48	82.85	18.35	-23.81	-64.94	31.22	13.99	9.66	-1.33	1.03	-23.61
MRBLD1FB42P75_COS		2523.27	431.01	174.99	780.64	95.81	-140.29	-15.16	-319.98	-63.09	-118.99	2.53	-11.86	-11.14	20.45	24.38	38.59
MRBLD1FB42P75_SIN		0.00	-232.77	469.39	163.16	433.71	3.22	61.04	-467.83	0.36	-47.32	-211.70	45.68	-11.80	-13.48	5.46	4.92
MRBLD1FB70_COS		607.17	101.89	55.06	247.51	12.93	-39.58	-0.41	-48.65	-1.53	-2.05	-1.82	1.46	1.18	-1.97	-3.42	-7.43
MRBLD1FB70_SIN		0.00	-250.78	192.85	21.67	129.65	-20.41	18.04	-77.94	7.70	7.82	3.26	1.99	3.51	1.83	-1.03	-1.27
MRBLD1FB87_COS		88.79	112.84	-16.21	145.01	-6.01	-25.69	-4.54	27.74	11.59	23.79	1.01	7.20	5.36	-4.37	-5.35	-8.27
MRBLD1FB87_SIN		0.00	-296.87	126.00	9.37	63.35	-3.94	-7.18	40.53	-2.10	9.31	49.75	-11.66	5.73	5.25	1.04	1.63
MRBLD1FB120_COS		-276.61	126.52	-113.70	155.67	-8.41	-24.21	-22.53	63.88	-6.51	-5.81	-3.97	-10.23	-5.85	4.58	7.15	12.84
MRBLD1FB120_SIN		0.00	-402.00	114.62	81.58	44.49	50.76	-21.12	114.54	-6.11	-10.56	-20.63	1.66	-11.98	-9.06	-3.01	-2.99
MRBLD1FB164_COS		-6.68	199.77	77.22	38.15	35.62	64.06	66.30	-61.98	1.40	4.50	0.20	12.96	8.18	-7.42	-10.28	-6.23
MRBLD1FB164_SIN		0.00	-630.01	314.00	202.53	-77.74	-7.65	-19.13	-167.56	15.74	18.14	31.51	-10.62	8.41	7.45	-2.14	-2.38

RUN	POINT	Harmonics															
46	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-85.99	51.05	123.29	-43.38	22.44	47.00	63.04	-64.29	4.33	29.68	4.83	7.81	-8.84	-3.69	11.05	21.45
MRBLD1FB180_SIN		0.00	-471.58	230.11	137.22	-81.92	-26.23	2.25	-152.73	10.45	23.99	94.71	-26.57	-10.69	-14.94	-7.16	-3.68
MRBLD1TOR51_COS		-1556.62	268.73	156.62	-71.10	41.86	53.88	-0.33	-52.23	-29.06	10.61	0.31	-0.46	-6.34	4.30	5.49	5.62
MRBLD1TOR51_SIN		0.00	-288.73	290.32	51.09	-58.41	-118.31	-23.00	-76.77	-2.09	-11.05	19.10	2.13	-3.67	-8.60	3.00	8.69
MRBLD1TOR71_COS		-407.96	285.96	120.30	-84.24	45.84	58.19	9.17	-42.85	-22.73	13.30	-2.17	1.84	-5.15	2.11	3.80	3.76
MRBLD1TOR71_SIN		0.00	-270.97	252.68	20.66	-78.04	-102.16	-26.09	-42.78	0.18	-7.83	24.93	-1.74	-2.22	-6.21	3.23	6.34
MRBLD1TOR130_COS		-147.47	265.88	127.76	-112.82	38.52	50.19	16.63	-31.95	-11.14	2.63	14.78	-2.82	-3.04	-2.76	-2.75	-2.25
MRBLD1TOR130_SIN		0.00	-243.83	193.34	22.71	-89.01	-92.16	-20.13	-47.54	3.91	-11.60	1.02	-1.28	0.95	2.25	1.65	-2.60
MRBLD1TOR164_COS		-329.89	158.19	87.48	-93.22	15.60	18.83	6.44	-19.01	1.27	3.76	-1.82	1.11	3.34	-2.80	-2.77	0.33
MRBLD1TOR164_SIN		0.00	-129.64	84.52	-20.10	-45.02	-68.88	-7.52	-17.16	3.61	1.22	4.44	-9.61	-1.00	3.56	-2.12	-5.69
MRFBM2CB26P5_COS		1602.32	-840.51	-250.36	23.63	-61.85	-0.83	30.26	3.16	-2.55	-8.25	19.32	1.69	-0.14	-0.88	-0.45	-1.58
MRFBM2CB26P5_SIN		0.00	-500.17	32.18	74.31	17.66	15.27	-4.34	0.41	-5.82	0.06	-17.87	0.16	1.39	-1.34	0.58	-1.84
MRFBM2FB9_COS		561.71	-118.37	327.83	76.56	-66.53	12.24	13.43	-20.33	-4.11	3.09	-3.53	-0.27	-0.57	-0.04	-0.11	-1.72
MRFBM2FB9_SIN		0.00	-164.55	38.48	195.20	-19.33	-4.07	17.41	-24.78	-4.29	-3.77	5.07	2.47	-0.78	0.22	-0.38	-1.49
MRFBM2TOR26P5_COS		-167.77	267.23	-4.43	0.96	-2.11	2.04	0.48	0.33	0.27	0.13	-0.30	-0.17	0.21	0.00	0.01	0.09
MRFBM2TOR26P5_SIN		0.00	1.65	0.84	-1.00	-0.50	-0.40	-0.92	0.07	-0.13	0.22	0.09	0.38	0.08	0.20	-0.06	-0.02

RUN	POINT	Harmonics															
46	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		83.68	-1437.41	428.45	-41.18	-101.09	12.87	-50.00	-39.45	9.34	-17.19	32.48	-28.22	-7.88	3.52	-4.39	1.09
MRPC1CB33P25_SIN		0.00	1098.12	127.03	44.34	106.94	-67.94	24.17	-160.22	-0.27	3.41	-92.21	10.66	-12.04	5.23	14.43	14.48
MRPC1FB33P25_COS		1797.02	345.12	5.51	648.58	-11.09	-116.78	-33.86	-67.42	-38.74	-60.80	128.84	-36.54	2.89	21.10	8.78	16.88
MRPC1FB33P25_SIN		0.00	2.11	378.37	269.75	395.50	-40.41	52.36	-511.92	-35.70	-98.18	-156.04	24.88	-17.12	8.87	24.62	40.46
MRPC1TOR25P5_COS		-271.28	-206.49	-191.45	119.60	-54.85	-59.02	6.38	54.14	34.79	-7.45	14.37	-2.95	5.13	-7.82	-9.48	-5.60
MRPC1TOR25P5_SIN		0.00	68.30	-300.02	-44.80	81.57	121.10	33.92	62.27	1.78	7.12	-28.81	-5.28	4.79	14.10	2.67	-6.35
MRPLK1LOAD_COS		19.24	-29.99	-25.53	14.28	-9.15	-7.68	0.64	8.23	6.27	-0.66	2.64	-0.83	0.41	-1.47	-1.73	-1.00
MRPLK1LOAD_SIN		0.00	14.85	-40.75	-9.23	10.41	16.70	3.96	9.35	0.77	0.98	-3.14	-2.90	0.32	2.27	0.52	-0.90
PITCHRH_COS		11031.37	-8758.67	-741.60	50.26	-49.10	751.01	-37.86	-192.82	132.24	-41.96	-34.53	62.38	-35.72	-26.26	-20.90	-176.47
PITCHRH_SIN		0.00	2395.80	-1510.73	-29.30	-284.15	1001.07	80.83	235.22	49.00	-89.06	-342.37	91.96	5.94	4.87	55.62	114.82
ROLLRH_COS		3416.14	-1805.33	1911.24	-248.83	133.34	-2306.69	123.11	48.18	119.44	115.54	134.03	-47.86	-2.59	-47.16	130.27	-104.96
ROLLRH_SIN		0.00	-8812.16	-605.97	152.25	-329.72	1779.47	-240.72	-52.91	9.84	-29.03	-45.74	60.24	-75.89	7.61	-66.33	168.75
TORQ_COS		102475.66	242.84	-73.18	33.65	-53.72	-266.09	25.81	-2.32	21.68	-2.82	-58.48	-11.84	6.27	-0.12	-1.65	12.15
TORQ_SIN		0.00	465.59	-76.14	62.58	45.78	38.14	7.42	50.79	18.05	-3.11	95.89	3.13	-5.45	6.59	-4.53	2.67
THRUST_COS		5707.19	-7.68	-1.32	1.30	1.07	-8.13	3.60	28.03	-10.61	-9.50	-1.34	-9.43	-8.95	3.78	-4.27	-28.04
THRUST_SIN		0.00	6.58	2.60	2.11	2.16	-23.66	6.49	16.03	-9.33	2.28	74.75	-2.54	-5.96	4.98	5.54	-27.32

RUN	POINT	Harmonics															
46	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.28	61.75	-49.99	-3.82	62.95	14.58	-8.81	-4.78	-4.54	-3.51	-2.81	0.50	-0.29	1.12	-3.87	3.44
SIDERH_SIN		0.00	228.75	11.93	-0.58	43.94	-240.35	10.64	1.40	0.25	1.76	-7.87	-2.24	1.54	-0.07	2.11	-6.01
DRAGRH_COS		-60.88	240.81	24.74	2.84	0.05	127.54	0.62	1.15	-0.39	4.63	-9.09	-0.52	1.83	2.12	-0.50	7.20
DRAGRH_SIN		0.00	-54.09	6.91	-6.81	-17.68	232.21	12.22	4.36	-5.27	9.85	17.39	-1.42	-0.64	-1.85	-2.51	-5.39

RUN	POINT	Harmonics															
46	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.28	-0.66	-0.21	0.68	0.16	0.08	0.00	-0.01	0.00	-0.01	-0.01	0.01	0.01	0.02	0.01	0.00
FLAP1C_SIN		0.00	0.49	-0.07	-0.27	-0.11	-0.33	0.03	0.01	-0.01	-0.01	0.00	0.03	0.01	0.01	0.01	0.00
ACT1DISP_COS		2.64	0.07	0.02	-0.08	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.01	0.03	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-19.64	-4.33	-11.74	5.65	-0.66	1.88	0.18	-0.53	0.06	-0.29	0.12	0.13	-0.01	0.22	0.22	-0.16
ACT1FORCE_SIN		0.00	18.89	-5.67	1.58	4.49	0.55	1.29	-0.19	-0.29	-0.36	-0.30	1.06	0.49	0.67	0.32	0.18
FA1IBCURRENT_COS		-0.01	0.00	0.01	-0.03	-0.03	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	-0.01	-0.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.98	-94.52	40.57	86.78	30.07	-6.88	0.84	0.07	-0.61	-0.74	-0.29	0.27	0.49	-0.05	-0.65	-0.65
FA1IBVOLTAGE_SIN		0.00	-8.32	25.96	-94.82	-62.25	-83.80	-0.19	-0.88	-0.57	0.24	0.69	0.51	-0.16	-0.52	-0.39	0.23
FA1OBCURRENT_COS		0.02	0.00	-0.01	0.03	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		402.52	94.73	-40.66	-86.79	-29.75	7.25	-0.85	-0.29	0.41	0.70	0.28	-0.30	-0.52	0.05	0.69	0.68
FA1OBVOLTAGE_SIN		0.00	8.19	-25.99	95.28	62.60	83.95	0.13	0.88	0.75	-0.13	-0.61	-0.51	0.20	0.55	0.40	-0.26
MRBLD1CB42P75_COS		-448.54	-1750.96	456.49	232.76	-415.43	-39.29	-55.81	-72.47	-30.95	-26.86	-61.27	-2.60	-12.29	-7.32	1.95	-4.86
MRBLD1CB42P75_SIN		0.00	1044.17	139.72	59.09	210.81	42.22	-68.78	-16.67	47.79	47.37	-59.88	26.44	12.59	0.81	0.97	19.37

RUN	POINT	Harmonics															
46	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4465.99	-1274.01	292.16	234.90	-481.40	-1.43	-63.14	-68.41	4.11	-11.83	-62.19	-1.39	-4.73	1.02	-2.19	3.11
MRBLD1CB70_SIN		0.00	801.00	-60.36	163.20	287.95	132.09	-57.15	48.39	23.22	40.86	-10.39	12.94	8.83	1.06	1.48	28.61
MRBLD1CB120_COS		-251.07	-739.46	241.34	254.68	-369.57	8.91	-32.28	-51.66	68.48	4.66	39.68	-2.65	5.05	5.27	1.14	-2.31
MRBLD1CB120_SIN		0.00	634.66	-117.23	131.29	336.22	167.97	-60.39	81.65	-57.90	-37.90	17.16	-4.96	0.65	-1.56	-0.66	2.15
MRBLD1CB164_COS		-1965.11	-253.21	39.14	178.28	-158.49	-16.13	-1.92	-2.98	42.05	2.22	57.05	-1.56	0.86	-2.77	-0.13	-2.58
MRBLD1CB164_SIN		0.00	243.87	-54.50	57.43	148.67	56.42	-8.64	35.61	-48.66	-47.41	2.97	3.46	-0.79	-0.82	1.09	-18.73
MRBLD1FB42P75_COS		2528.65	428.42	199.45	843.10	13.30	-151.59	-127.11	-224.68	-26.41	-101.64	-68.65	18.60	-14.72	-8.17	10.35	28.69
MRBLD1FB42P75_SIN		0.00	-207.78	521.00	94.50	449.45	268.93	-43.43	40.45	-47.44	-13.92	-140.79	22.62	16.75	-7.28	-26.25	20.14
MRBLD1FB70_COS		607.24	106.14	64.33	290.57	-40.01	-30.65	-23.22	-27.81	4.02	-1.27	-1.70	0.88	1.78	1.66	-1.48	-4.37
MRBLD1FB70_SIN		0.00	-258.16	212.35	-5.31	143.08	57.75	-14.56	13.79	3.36	8.70	5.40	1.71	0.68	2.05	4.09	-4.59
MRBLD1FB87_COS		82.53	120.43	-8.34	168.26	-28.92	-16.67	1.25	20.41	7.43	19.82	18.61	-3.18	4.95	2.16	-2.39	-6.65
MRBLD1FB87_SIN		0.00	-305.14	142.32	-6.92	67.19	5.03	-2.67	-5.36	2.62	2.46	31.31	-5.37	-2.69	3.78	7.90	-1.85
MRBLD1FB120_COS		-293.30	137.84	-113.42	179.26	-3.96	-20.80	7.17	31.47	-15.09	-6.80	-9.68	-4.56	-7.04	-2.84	3.15	10.13
MRBLD1FB120_SIN		0.00	-415.97	138.53	55.58	45.11	-23.44	20.71	-14.33	-2.50	-11.60	-15.05	-2.00	-2.70	-8.46	-12.62	2.50
MRBLD1FB164_COS		13.75	188.40	60.86	57.40	120.12	64.69	19.34	-36.84	15.42	6.94	11.67	1.74	6.30	0.69	-5.77	-7.13
MRBLD1FB164_SIN		0.00	-596.31	317.26	213.64	-80.63	-32.89	-37.34	10.26	10.29	14.76	23.01	-4.29	-0.95	4.62	6.05	-2.50

RUN	POINT	Harmonics															
46	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-66.87	46.67	102.40	-43.79	81.82	59.15	-0.14	-38.39	16.52	20.94	31.98	-13.37	-8.05	-6.37	2.38	14.26
MRBLD1FB180_SIN		0.00	-437.82	232.28	152.89	-85.36	9.07	-37.90	7.17	15.31	18.05	55.98	-20.79	-14.51	-10.09	-15.53	1.47
MRBLD1TOR51_COS		-1533.52	265.55	133.14	-105.17	21.48	-95.54	22.73	-28.61	-0.45	-8.60	2.10	0.36	-1.62	1.30	6.47	2.40
MRBLD1TOR51_SIN		0.00	-251.64	305.13	64.23	-47.06	85.97	-39.23	19.81	4.42	6.23	10.82	0.09	-4.01	-4.27	-3.05	5.15
MRBLD1TOR71_COS		-387.57	283.22	98.71	-127.73	38.03	-76.48	26.05	-13.52	0.36	-7.83	3.05	-1.32	1.29	1.19	3.72	1.11
MRBLD1TOR71_SIN		0.00	-233.55	264.45	36.23	-68.91	71.34	-29.55	21.46	7.23	7.64	16.35	-1.20	-2.65	-2.82	-0.48	3.60
MRBLD1TOR130_COS		-126.86	264.74	104.01	-158.85	39.58	-52.02	14.40	-6.82	2.98	-14.41	5.90	-3.20	1.23	-1.62	-3.65	-2.25
MRBLD1TOR130_SIN		0.00	-203.63	199.34	46.09	-82.91	55.79	-24.39	12.88	5.35	4.01	-1.77	4.94	3.00	1.10	2.99	-1.35
MRBLD1TOR164_COS		-315.86	158.29	69.39	-128.64	0.03	-40.02	-0.30	0.11	2.60	-4.28	0.66	-3.60	2.41	-0.39	-2.64	-1.05
MRBLD1TOR164_SIN		0.00	-101.27	83.78	-0.24	-44.12	39.71	-14.76	6.00	3.15	4.40	4.16	-3.54	-0.52	-0.71	0.34	-2.05
MRFBM2CB26P5_COS		1582.71	-965.13	-227.73	49.95	-50.89	2.15	0.83	2.70	-9.52	-8.68	9.72	1.07	0.51	-0.13	-0.33	-0.80
MRFBM2CB26P5_SIN		0.00	-250.94	63.88	71.00	56.81	28.09	-5.81	-11.57	5.37	-0.16	-8.55	-0.65	0.53	-1.17	-0.48	-1.28
MRFBM2FB9_COS		619.05	-166.19	268.93	61.71	-55.36	22.00	2.37	-13.37	-6.12	4.76	-3.85	-0.04	-0.34	-0.37	0.78	-0.77
MRFBM2FB9_SIN		0.00	-389.37	19.50	252.42	-37.67	-18.94	13.17	-16.97	-2.35	-3.37	3.28	1.94	-0.25	0.35	-0.85	-1.83
MRFBM2TOR26P5_COS		-167.23	266.62	-2.97	0.18	0.44	-1.46	0.19	0.07	0.17	0.79	-0.16	0.13	0.07	0.00	-0.01	-0.02
MRFBM2TOR26P5_SIN		0.00	3.28	0.82	-1.69	0.41	0.24	1.03	0.68	-0.16	0.57	-0.02	0.33	0.09	0.24	-0.01	0.03

RUN	POINT	Harmonics															
46	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		123.05	-1406.26	412.09	137.77	-238.32	-53.38	-48.47	-62.70	-15.18	-20.76	-27.37	2.69	-7.21	-4.66	4.23	-6.29
MRPC1CB33P25_SIN		0.00	962.36	134.08	-17.30	168.03	-8.72	-55.50	-32.02	20.46	11.97	-61.22	19.21	9.23	-0.36	-2.21	15.86
MRPC1FB33P25_COS		1801.52	339.19	19.89	718.90	-90.42	-193.12	-91.40	-193.00	6.08	-62.32	33.91	2.94	-19.40	0.18	26.27	-3.29
MRPC1FB33P25_SIN		0.00	20.74	423.46	222.22	386.20	175.82	-78.03	-72.01	-57.42	-64.14	-145.15	29.48	2.82	-9.73	-4.73	39.28
MRPC1TOR25P5_COS		-294.75	-203.91	-168.17	166.01	-44.42	107.39	-28.95	24.98	3.01	3.02	2.59	-3.23	4.02	-3.55	-9.89	-6.06
MRPC1TOR25P5_SIN		0.00	25.60	-315.37	-60.20	71.20	-88.93	42.75	-23.42	-4.55	-7.33	-18.42	6.03	9.73	5.05	8.48	-1.65
MRPLK1LOAD_COS		15.93	-29.42	-22.46	20.28	-8.26	16.07	-5.66	4.70	1.38	-1.53	0.56	-1.56	1.23	-0.52	-2.03	-1.39
MRPLK1LOAD_SIN		0.00	9.37	-42.74	-11.07	9.39	-12.24	5.22	-2.93	-0.18	-0.33	-1.83	0.27	1.52	0.65	1.41	-0.19
PITCHRH_COS		11583.98	-9029.50	-355.36	-244.34	-177.81	-961.90	195.15	-168.10	-950.20	-26.66	54.90	48.51	-58.56	-32.95	-18.85	-115.23
PITCHRH_SIN		0.00	1958.02	-459.53	1057.91	-355.32	1154.52	-115.28	120.30	-200.00	-156.49	-327.88	10.42	-71.37	47.39	-69.95	54.38
ROLLRH_COS		4201.15	-1511.43	821.57	-1279.60	-622.20	-2224.55	129.56	89.33	-6.38	-7.79	202.06	56.45	48.80	80.86	-1.92	-5.96
ROLLRH_SIN		0.00	-8998.67	52.07	449.69	-709.77	-142.05	-244.28	-21.27	1042.19	-61.34	-74.95	80.74	-96.22	-45.53	42.23	205.60
TORQ_COS		102745.45	125.67	-53.98	-899.98	857.69	55.08	24.37	13.86	80.56	-1.07	-14.56	-6.57	6.41	3.07	-1.60	4.34
TORQ_SIN		0.00	774.75	-97.05	159.47	20.20	99.79	29.03	115.21	-59.28	-2.20	54.67	6.98	-3.25	6.75	0.10	2.75
THRUST_COS		5728.59	-14.57	36.97	-62.97	-103.56	107.02	4.72	26.72	-36.57	-6.49	-0.36	1.88	4.14	-16.96	-10.91	-15.47
THRUST_SIN		0.00	-117.31	38.09	183.71	0.16	-112.24	12.21	29.61	23.58	-2.57	52.42	7.90	7.59	6.88	0.55	-34.32

RUN	POINT	Harmonics															
46	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-144.19	63.30	-35.25	-26.83	148.60	102.61	-8.99	-6.36	2.99	1.66	-9.03	-2.78	-2.06	-2.40	0.20	0.81
SIDERH_SIN		0.00	231.65	-20.46	46.25	23.10	-61.50	11.24	-2.58	25.90	2.83	-2.51	-2.63	3.25	0.94	-2.09	-5.93
DRAGRH_COS		-60.30	239.12	11.18	7.10	8.74	10.47	5.68	-5.94	13.67	8.53	-5.80	-3.40	5.65	0.78	0.59	7.53
DRAGRH_SIN		0.00	-53.62	8.89	-26.28	5.13	-30.24	-2.89	6.98	-25.56	7.73	11.98	1.34	2.06	-4.14	3.13	-4.55

RUN	POINT	Harmonics															
46	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.26	-0.70	-0.13	0.70	0.15	0.06	0.01	-0.01	0.01	-0.02	-0.03	0.01	0.03	0.04	0.01	0.00
FLAP1C_SIN		0.00	0.45	-0.07	-0.24	-0.17	-0.43	0.02	0.02	-0.01	-0.03	0.00	0.05	0.02	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.08	0.02	-0.08	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.01	0.03	0.02	0.05	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.36	-4.41	-9.92	5.17	-0.90	3.29	-0.07	-0.46	0.26	-0.22	-0.01	-0.01	0.29	0.73	0.26	0.01
ACT1FORCE_SIN		0.00	18.82	-5.52	1.64	3.71	0.23	1.36	0.03	0.02	-0.82	-0.59	0.94	0.70	0.67	0.24	0.05
FA1IBCURRENT_COS		-0.01	0.00	0.01	-0.02	-0.03	-0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	-0.01	-0.04	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		405.73	-99.89	37.48	95.49	27.90	-26.72	5.26	1.37	-3.12	-4.14	-1.02	2.40	3.00	0.47	-2.10	-2.18
FA1IBVOLTAGE_SIN		0.00	-16.68	27.69	-84.14	-68.93	-99.88	-0.90	-4.87	-3.20	1.23	3.81	2.54	-0.86	-2.67	-1.66	0.86
FA1OBCURRENT_COS		0.02	0.00	-0.01	0.02	0.03	0.06	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.01	0.04	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		399.79	100.11	-37.59	-95.54	-27.56	27.18	-5.23	-1.60	2.96	4.11	1.01	-2.52	-3.03	-0.40	2.18	2.18
FA1OBVOLTAGE_SIN		0.00	16.55	-27.74	84.58	69.27	100.01	0.85	4.92	3.44	-1.11	-3.75	-2.49	0.97	2.75	1.62	-0.96
MRBLD1CB42P75_COS		-492.15	-1741.14	416.28	229.38	-444.38	-80.73	-58.14	-57.89	-17.42	-29.10	-59.34	-1.50	-16.96	-11.35	0.58	-5.77
MRBLD1CB42P75_SIN		0.00	1106.33	118.43	79.82	255.49	49.39	-93.81	-29.71	42.51	41.33	-69.09	19.44	15.38	3.45	4.53	22.01

RUN	POINT	Harmonics															
46	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4423.81	-1258.00	287.07	217.01	-529.63	-41.17	-59.21	-76.78	15.18	-11.97	-55.47	-3.92	-5.96	-0.28	-3.26	-0.51
MRBLD1CB70_SIN		0.00	852.43	-79.60	193.31	342.00	153.59	-83.74	40.21	20.42	34.64	-17.63	8.55	10.63	4.19	6.03	30.92
MRBLD1CB120_COS		-282.12	-728.04	245.96	236.06	-417.36	-12.92	-31.31	-87.28	65.19	9.77	34.04	-5.32	6.42	4.85	0.38	-3.78
MRBLD1CB120_SIN		0.00	668.48	-128.30	164.25	373.63	205.18	-75.08	70.36	-62.74	-35.25	19.81	-1.62	0.01	-0.49	-0.79	1.38
MRBLD1CB164_COS		-1973.55	-249.79	46.62	170.87	-176.19	-16.03	-1.75	-20.80	36.71	5.16	47.49	-1.70	1.93	-3.76	-0.51	-0.80
MRBLD1CB164_SIN		0.00	254.31	-55.05	78.85	153.27	70.59	-4.61	32.60	-53.40	-43.26	4.71	7.70	-1.36	-2.78	-1.74	-20.60
MRBLD1FB42P75_COS		2546.23	424.18	131.96	859.19	5.23	-161.65	-153.03	-247.14	-35.03	-88.99	-87.92	22.09	-15.61	-9.60	14.05	27.68
MRBLD1FB42P75_SIN		0.00	-214.24	529.86	155.62	414.40	311.25	-61.19	0.36	-66.65	-25.59	-133.85	15.96	21.05	-0.93	-25.63	23.56
MRBLD1FB70_COS		614.54	105.33	41.88	293.53	-44.74	-34.47	-29.49	-32.32	3.31	-0.86	-1.84	0.78	2.70	2.41	-2.05	-4.20
MRBLD1FB70_SIN		0.00	-253.13	212.84	19.47	134.38	70.08	-18.95	6.90	0.47	7.36	4.61	1.24	-0.23	1.04	3.97	-5.50
MRBLD1FB87_COS		89.24	119.34	-19.41	167.14	-33.08	-15.48	1.41	21.57	8.43	18.06	22.92	-3.67	5.44	2.66	-3.16	-6.31
MRBLD1FB87_SIN		0.00	-302.69	143.12	10.81	60.01	6.55	-0.93	-1.45	6.13	5.42	30.95	-2.77	-3.24	2.76	8.29	-2.00
MRBLD1FB120_COS		-284.44	138.40	-118.43	177.16	-9.18	-12.17	14.73	37.94	-13.08	-6.59	-10.43	-4.04	-8.42	-4.11	4.20	9.55
MRBLD1FB120_SIN		0.00	-419.60	140.94	79.85	40.17	-35.96	28.01	-6.06	0.04	-11.92	-16.03	-3.44	-2.14	-7.16	-13.09	2.57
MRBLD1FB164_COS		25.08	187.49	20.03	60.27	133.04	70.04	11.09	-44.15	11.09	7.00	14.82	0.16	6.90	1.40	-6.22	-6.71
MRBLD1FB164_SIN		0.00	-593.90	321.47	220.97	-54.06	-32.08	-39.93	-0.63	6.72	15.97	24.57	-1.45	-1.59	2.80	6.20	-2.17

RUN	POINT	Harmonics															
46	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-58.69	47.48	68.95	-40.40	95.29	61.45	-9.54	-44.66	13.41	20.58	42.37	-13.87	-8.00	-8.55	2.93	13.23
MRBLD1FB180_SIN		0.00	-436.14	237.30	148.67	-65.77	18.11	-43.97	-4.97	13.32	24.00	57.32	-15.94	-16.37	-10.14	-16.19	1.29
MRBLD1TOR51_COS		-1526.56	269.07	99.47	-93.22	27.24	-128.90	29.45	-32.43	-0.84	-11.11	2.08	0.14	0.71	2.46	6.29	2.68
MRBLD1TOR51_SIN		0.00	-233.29	298.93	55.31	-20.92	98.21	-42.52	10.43	1.96	6.40	11.00	-0.46	-4.36	-4.04	-2.98	3.74
MRBLD1TOR71_COS		-379.16	285.67	70.27	-116.24	44.95	-104.97	32.46	-16.84	-0.57	-10.59	3.45	-1.82	3.03	2.15	3.15	1.65
MRBLD1TOR71_SIN		0.00	-217.00	259.13	25.21	-44.99	81.37	-30.96	14.92	5.62	8.02	16.32	-1.81	-3.17	-2.68	-0.32	2.47
MRBLD1TOR130_COS		-118.84	266.90	78.61	-148.72	48.27	-75.47	18.06	-8.88	2.23	-14.84	4.67	-2.96	0.58	-1.76	-4.19	-2.05
MRBLD1TOR130_SIN		0.00	-187.54	195.50	31.27	-60.06	64.80	-25.90	7.47	2.64	3.79	-3.54	3.78	2.91	1.32	3.74	-0.79
MRBLD1TOR164_COS		-311.56	159.96	58.90	-122.27	5.58	-55.04	0.40	-0.45	2.18	-4.39	1.93	-3.47	0.57	-1.86	-2.35	-1.65
MRBLD1TOR164_SIN		0.00	-88.56	80.94	-12.59	-33.50	48.05	-16.61	3.53	2.48	4.82	3.49	-3.39	-0.83	-0.80	1.03	-1.01
MRFBM2CB26P5_COS		1568.66	-990.90	-213.28	39.25	-60.37	-8.75	0.60	8.90	-9.32	-8.51	7.52	1.14	-0.44	-0.96	-0.49	-1.02
MRFBM2CB26P5_SIN		0.00	-310.90	53.51	74.82	58.55	36.05	-9.13	-11.95	5.23	-1.77	-8.88	-0.52	-0.15	-1.18	-1.40	-1.11
MRFBM2FB9_COS		607.30	-109.74	242.53	50.90	-58.51	20.48	1.63	-13.45	-5.30	4.94	-2.81	-0.59	-0.22	-0.48	0.80	-0.42
MRFBM2FB9_SIN		0.00	-359.71	38.00	248.27	-31.52	-18.57	14.30	-16.53	-3.52	-2.30	3.14	2.03	-0.14	0.26	-0.54	-1.99
MRFBM2TOR26P5_COS		-167.15	265.92	-2.94	0.32	0.44	-1.57	0.34	0.11	0.23	0.64	-0.14	0.12	0.13	0.02	0.01	-0.04
MRFBM2TOR26P5_SIN		0.00	1.57	0.76	-1.78	0.68	0.27	1.08	0.72	-0.24	0.64	0.03	0.28	0.07	0.24	0.01	0.04

RUN	POINT	Harmonics															
46	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		101.53	-1397.99	369.14	142.98	-247.52	-77.52	-54.91	-48.40	-7.33	-19.24	-30.41	4.87	-10.95	-9.04	2.91	-6.94
MRPC1CB33P25_SIN		0.00	1009.17	121.57	-7.56	194.44	-3.06	-71.16	-45.66	14.59	10.04	-66.18	14.34	11.49	2.30	0.22	17.99
MRPC1FB33P25_COS		1813.65	336.34	-36.04	719.90	-89.90	-213.20	-106.06	-194.25	9.41	-46.44	16.65	9.56	-23.65	-5.82	27.99	-7.63
MRPC1FB33P25_SIN		0.00	15.34	422.56	277.46	355.88	206.50	-101.88	-112.53	-76.20	-66.67	-150.75	27.21	5.25	-6.18	-0.07	41.07
MRPC1TOR25P5_COS		-302.43	-210.51	-134.30	151.63	-51.33	142.23	-37.90	29.43	3.59	6.41	1.30	-2.82	-0.84	-5.92	-10.90	-6.83
MRPC1TOR25P5_SIN		0.00	8.14	-309.67	-47.67	42.58	-100.58	45.04	-14.44	-2.84	-7.59	-20.32	5.70	10.66	5.54	10.30	1.34
MRPLK1LOAD_COS		15.05	-30.33	-17.97	18.39	-9.13	20.84	-6.87	5.37	1.39	-1.02	0.34	-1.44	0.40	-0.93	-2.31	-1.36
MRPLK1LOAD_SIN		0.00	7.29	-42.19	-9.52	5.43	-13.90	5.62	-1.57	0.07	-0.40	-2.38	0.05	1.62	0.78	1.87	0.29
PITCHRH_COS		11173.58	-9066.07	-278.62	-356.10	-239.17	-1043.11	140.86	-151.49	-1044.06	-14.14	81.13	52.85	-44.28	-42.45	-24.97	-107.04
PITCHRH_SIN		0.00	2116.88	-457.70	984.04	-368.65	1024.87	-249.79	107.47	-347.74	-63.85	-364.98	58.46	-51.56	33.13	-61.53	45.68
ROLLRH_COS		4812.14	-1461.81	806.73	-1204.17	-733.16	-2337.93	200.31	80.93	7.60	-24.64	214.37	39.67	28.77	62.59	-10.45	3.59
ROLLRH_SIN		0.00	-8999.30	64.85	353.75	-632.56	-71.53	-233.17	-22.72	-1103.41	-51.91	-82.63	57.92	-98.87	-34.99	34.65	223.77
TORQ_COS		102401.56	161.02	-34.57	-862.88	896.11	92.02	23.77	-25.58	75.50	1.23	-5.42	-6.64	9.74	6.91	-0.80	2.84
TORQ_SIN		0.00	736.87	-74.86	38.48	-84.75	115.13	35.06	122.66	-57.04	-0.34	53.06	8.31	-1.23	6.85	0.98	3.42
THRUST_COS		5712.89	-27.25	38.64	-81.45	-114.91	111.13	1.16	16.97	-41.81	-6.55	5.86	2.33	8.82	-13.67	-12.85	-12.46
THRUST_SIN		0.00	-96.60	34.63	167.20	13.78	-125.96	11.82	38.34	24.80	-1.69	48.05	11.07	11.12	4.74	-3.64	-37.72

RUN	POINT	Harmonics															
46	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-135.91	63.31	-32.49	-33.06	152.83	88.15	-20.51	-4.46	3.54	1.97	-9.12	-2.23	-1.58	-2.23	0.63	0.64
SIDERH_SIN		0.00	234.19	-13.86	43.44	-6.91	-64.40	8.41	-2.39	28.62	1.78	-1.48	-1.30	3.35	0.93	-1.71	-6.10
DRAGRH_COS		-61.02	239.32	6.58	6.89	9.16	28.10	4.32	-8.41	16.22	10.08	-6.13	-1.69	4.24	1.15	0.96	6.69
DRAGRH_SIN		0.00	-59.49	11.80	-23.31	8.53	-26.87	18.05	0.57	-26.57	0.94	16.07	-2.13	0.69	-3.77	2.58	-4.19

RUN	POINT	Harmonics															
57	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.31	-0.19	-0.28	0.09	-0.02	0.02	0.02	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.54	-0.17	-0.10	0.02	-0.03	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.64	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-34.06	-4.58	-9.37	1.74	-1.26	0.72	0.53	-0.41	-0.40	-0.44	0.40	0.07	-0.07	-0.08	0.02	-0.19
ACT1FORCE_SIN		0.00	18.64	-4.65	-2.14	1.78	-0.75	0.95	0.51	0.43	-0.24	-0.34	0.08	0.08	0.04	0.11	-0.03
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.57	-0.18	0.13	0.10	-0.01	0.03	-0.04	-0.01	-0.03	0.01	0.03	0.00	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.08	-0.16	0.07	-0.05	0.02	0.03	-0.02	-0.03	-0.04	0.03	0.00	0.01	0.02	0.00	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.15	-0.11	-0.08	0.02	-0.05	0.05	0.00	0.03	-0.02	-0.03	0.00	0.01	-0.01	0.01	0.01
FA1OBVOLTAGE_SIN		0.00	0.07	0.17	-0.09	0.01	-0.05	-0.03	0.01	0.01	0.04	-0.01	-0.01	-0.01	0.00	-0.02	0.02
MRBLD1CB42P75_COS		-943.61	-1735.79	463.53	-21.02	-8.01	-83.43	-74.37	8.04	11.68	-30.05	17.66	-4.85	-6.69	0.91	-6.66	2.97
MRBLD1CB42P75_SIN		0.00	1103.34	58.25	99.23	180.61	-65.38	-11.68	-97.31	41.52	30.21	-115.90	8.66	14.60	3.37	5.37	22.40

RUN	POINT	Harmonics															
57	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4492.81	-1271.60	312.11	-42.88	130.89	-159.02	-94.05	3.93	13.62	-20.24	-26.00	-1.47	-0.56	1.75	-5.51	15.39
MRBLD1CB70_SIN		0.00	844.89	-78.40	175.85	263.15	-165.40	30.17	-51.12	25.54	37.97	-64.36	0.43	11.70	1.04	0.79	31.24
MRBLD1CB120_COS		-209.13	-736.80	243.71	59.83	167.91	-167.01	-82.22	23.23	0.41	3.48	-1.49	-1.26	4.74	3.37	4.75	-1.67
MRBLD1CB120_SIN		0.00	662.99	-115.61	147.92	329.33	-178.48	29.23	-41.88	-38.76	-38.80	64.23	1.55	-0.64	2.91	-2.14	3.77
MRBLD1CB164_COS		-1976.70	-252.70	41.13	85.80	49.98	-81.97	-31.77	9.18	-10.50	12.31	25.40	-2.20	-0.34	-0.67	-0.12	-9.30
MRBLD1CB164_SIN		0.00	256.94	-50.16	69.50	156.27	-90.62	6.94	12.42	-49.28	-50.64	59.03	8.91	-1.80	1.04	5.97	-19.94
MRBLD1FB42P75_COS		2521.82	424.75	179.61	816.06	-96.89	-40.51	-124.50	-120.85	-81.30	-126.21	38.36	6.20	-7.92	7.93	0.19	39.38
MRBLD1FB42P75_SIN		0.00	-209.24	415.41	235.52	508.96	234.84	26.00	-313.26	9.27	-62.79	-165.05	17.68	2.11	-9.94	-9.75	15.93
MRBLD1FB70_COS		596.64	99.06	60.63	241.21	-30.02	-12.87	-25.05	-10.55	-0.27	-2.34	-0.83	1.66	1.45	-0.34	0.09	-7.31
MRBLD1FB70_SIN		0.00	-254.03	170.44	45.99	138.42	39.69	5.17	-48.68	8.39	6.11	1.68	1.91	2.20	2.22	2.20	-3.91
MRBLD1FB87_COS		59.12	113.38	-5.96	129.22	-24.87	-12.88	-1.30	8.58	13.52	24.59	-5.27	0.88	3.48	-1.05	0.37	-7.55
MRBLD1FB87_SIN		0.00	-302.99	121.33	22.39	59.98	6.56	-2.43	26.03	-3.84	12.49	39.55	-3.09	1.40	4.56	4.04	-0.44
MRBLD1FB120_COS		-300.19	140.63	-98.46	126.66	-4.93	-23.89	9.59	10.05	-9.52	-5.04	-3.12	-7.94	-5.88	0.13	-0.88	12.61
MRBLD1FB120_SIN		0.00	-414.43	129.76	77.85	27.35	-4.66	0.33	77.64	-8.57	-10.38	-16.28	-2.93	-6.90	-9.57	-7.49	0.24
MRBLD1FB164_COS		-25.12	155.60	74.13	65.55	96.19	53.24	22.45	1.84	5.97	6.82	-2.24	7.14	5.17	-5.14	-3.89	-6.32
MRBLD1FB164_SIN		0.00	-616.46	276.16	210.24	-89.11	-44.46	-17.66	-114.10	14.43	15.81	24.98	-2.55	4.78	5.78	1.10	-1.38

RUN	POINT	Harmonics															
57	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-67.18	7.02	114.18	-7.51	64.40	57.00	10.85	-10.18	5.95	38.61	-9.63	-11.30	-12.18	-5.16	-0.08	15.91
MRBLD1FB180_SIN		0.00	-457.28	195.33	142.26	-82.62	-19.72	-4.80	-99.80	2.53	24.51	81.46	-11.97	-15.25	-12.69	-11.50	1.22
MRBLD1TOR51_COS		-1571.11	214.31	151.18	-15.35	19.00	-26.72	26.95	-24.17	-6.87	2.39	-4.65	-3.88	-1.29	1.99	3.29	1.06
MRBLD1TOR51_SIN		0.00	-261.77	228.53	102.12	-13.89	15.65	-37.72	-53.04	4.40	0.87	9.14	-1.23	-7.12	-5.37	-2.56	4.97
MRBLD1TOR71_COS		-382.88	233.47	115.18	-34.31	25.80	-13.61	34.25	-23.66	-1.55	5.86	-7.51	-3.96	1.30	1.23	2.67	0.39
MRBLD1TOR71_SIN		0.00	-244.47	197.00	65.50	-38.48	13.53	-31.63	-33.28	5.72	5.00	14.47	-2.14	-4.54	-3.44	-0.95	3.37
MRBLD1TOR130_COS		-120.74	211.63	120.03	-62.33	31.22	-6.14	26.45	-14.00	1.29	0.37	9.94	-3.22	1.94	-1.62	-1.85	-1.32
MRBLD1TOR130_SIN		0.00	-216.54	140.82	57.31	-51.43	8.06	-25.60	-36.05	6.19	-2.78	-0.26	2.66	4.44	2.75	2.39	-1.02
MRBLD1TOR164_COS		-315.86	119.21	81.58	-59.85	2.32	-9.70	5.58	-11.57	5.07	4.27	-3.27	-1.21	2.78	-0.98	-1.75	1.42
MRBLD1TOR164_SIN		0.00	-110.14	50.88	2.22	-22.08	12.95	-13.12	-14.57	2.13	5.50	1.97	-3.33	2.53	1.45	-0.67	-1.01
MRFBM2CB26P5_COS		1620.16	-786.87	-213.48	2.53	-20.01	-12.41	12.93	-1.46	1.03	-6.19	16.38	-0.61	0.77	0.57	0.36	-1.13
MRFBM2CB26P5_SIN		0.00	-522.48	40.77	72.46	37.08	-9.46	5.38	-3.59	4.08	0.47	-10.91	0.76	0.46	-0.38	-0.38	-1.03
MRFBM2FB9_COS		580.40	-157.06	281.10	91.87	-58.85	17.19	1.24	-8.35	-2.93	2.70	-2.61	-0.45	-0.27	-0.19	0.50	-0.98
MRFBM2FB9_SIN		0.00	-172.80	47.45	235.65	-39.84	-27.50	17.21	-11.19	-2.96	-3.74	3.43	1.53	0.01	0.23	-0.25	-1.56
MRFBM2TOR26P5_COS		-169.59	275.15	-3.04	1.01	0.03	-0.59	0.94	0.33	-0.01	0.44	-0.34	0.09	0.12	0.02	-0.07	0.12
MRFBM2TOR26P5_SIN		0.00	-0.16	0.78	-0.44	-1.13	0.28	0.49	0.25	-0.22	0.02	0.03	0.16	-0.05	0.03	-0.13	-0.05

RUN	POINT	Harmonics															
57	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		362.82	-1362.33	400.92	-12.25	-61.01	-36.04	-64.53	-0.70	14.15	-18.34	27.27	-1.92	-2.71	3.04	-1.54	0.70
MRPC1CB33P25_SIN		0.00	1028.72	43.74	41.04	128.60	-5.94	-22.05	-91.29	20.02	-5.43	-87.06	9.55	9.04	3.27	2.33	19.17
MRPC1FB33P25_COS		1751.91	336.64	12.72	656.56	-177.98	-98.09	-112.42	30.75	-58.78	-56.44	126.35	-2.31	-3.31	12.02	10.06	8.98
MRPC1FB33P25_SIN		0.00	28.77	332.19	332.01	405.46	171.60	-17.91	-306.17	-38.08	-114.65	-102.35	15.80	-3.34	0.29	-4.17	46.75
MRPC1TOR25P5_COS		-316.50	-149.47	-186.17	59.36	-28.93	32.33	-32.85	26.73	11.46	0.34	17.74	3.85	5.95	-3.30	-4.41	-1.32
MRPC1TOR25P5_SIN		0.00	30.13	-237.06	-99.07	34.88	-15.74	45.47	45.15	-5.32	-4.42	-18.24	3.75	14.96	9.35	6.49	0.56
MRPLK1LOAD_COS		6.15	-22.64	-24.54	6.05	-5.59	5.82	-5.75	3.65	3.22	0.39	2.57	-0.47	1.60	-0.56	-0.77	-0.57
MRPLK1LOAD_SIN		0.00	10.15	-32.37	-16.55	4.22	-2.23	6.11	6.32	-0.43	0.16	-2.08	-0.39	2.59	1.63	0.97	0.16
PITCHRH_COS		8719.49	-8774.93	-193.03	203.68	-6.74	-294.18	175.04	-164.89	8.57	-3.25	29.10	-10.89	14.90	78.90	-12.71	-211.13
PITCHRH_SIN		0.00	548.27	-437.22	88.52	-193.40	1555.10	258.10	95.70	103.71	-60.87	-313.32	54.03	-20.37	36.34	24.26	121.84
ROLLRH_COS		1560.34	-851.74	701.81	-141.42	316.36	-2888.65	-140.12	90.84	-59.96	188.45	178.46	34.12	23.61	-59.05	38.19	117.30
ROLLRH_SIN		0.00	-9085.07	-88.22	374.71	-277.02	675.02	-257.19	-117.96	3.30	-73.73	-53.39	9.13	-26.03	-61.25	-7.39	146.21
TORQ_COS		104559.39	-102.68	11.20	8.21	-126.24	-17.59	1.66	22.31	-8.00	-3.07	-45.28	-1.91	2.96	-1.40	-4.22	7.34
TORQ_SIN		0.00	1092.63	-68.47	255.80	-101.73	-46.70	9.05	73.81	-26.80	-3.07	58.64	0.96	-5.64	4.35	-3.91	0.11
THRUST_COS		5700.36	73.58	19.99	46.02	15.55	53.77	2.97	30.17	9.29	-6.04	-28.68	-9.73	4.97	-2.81	6.60	-20.27
THRUST_SIN		0.00	-276.55	25.31	16.76	23.45	-102.12	15.97	16.80	4.36	0.59	56.32	-6.67	2.98	1.63	-0.22	-29.66

RUN	POINT	Harmonics															
57	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-143.81	47.63	-15.08	8.11	27.62	112.85	21.16	-4.05	-0.30	-6.09	-4.62	-1.11	-1.10	1.93	-1.35	-3.02
SIDERH_SIN		0.00	235.87	-3.37	14.34	79.16	-135.07	-0.81	2.15	-1.16	3.88	-3.67	2.35	0.96	1.69	0.56	-3.97
DRAGRH_COS		-63.16	243.47	5.17	-3.07	10.06	-12.32	-50.07	-0.79	-2.84	-4.27	-9.44	1.49	-1.64	-2.74	0.18	10.05
DRAGRH_SIN		0.00	-48.35	12.32	-3.49	-15.61	109.71	-21.60	2.24	-5.77	10.78	10.11	-2.53	2.85	-0.52	-0.97	-6.89

RUN	POINT	Harmonics															
57	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.42	-0.57	-0.45	0.19	-0.11	0.39	0.05	-0.01	-0.04	0.04	0.00	-0.01	-0.02	0.01	-0.01	0.04
FLAP1C_SIN		0.00	0.65	-0.30	0.01	0.16	0.76	-0.03	0.04	-0.04	0.00	0.01	0.02	0.02	0.00	0.04	0.03
ACT1DISP_COS		2.62	0.06	0.05	-0.02	0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.03	0.00	-0.02	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.02	-4.71	-11.07	3.71	-2.28	-8.68	1.25	0.06	-0.95	0.88	0.26	-0.27	-0.67	0.24	-0.60	0.96
ACT1FORCE_SIN		0.00	21.93	-7.31	-1.13	5.28	4.28	-0.99	1.55	-1.00	-0.39	0.32	0.73	0.39	0.23	1.18	1.13
FA1IBCURRENT_COS		0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.01	-0.01	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.60	-60.59	-7.77	15.47	-1.99	178.30	-0.10	-0.27	0.29	0.05	0.23	-0.08	-0.08	-0.01	-0.18	-0.38
FA1IBVOLTAGE_SIN		0.00	-14.00	-1.74	10.17	-1.33	110.43	0.12	-0.03	-0.10	0.14	-0.13	-0.12	-0.15	0.04	-0.18	0.45
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		403.17	60.71	7.82	-15.53	1.86	-179.06	-0.08	0.21	-0.20	-0.04	0.31	0.09	0.09	0.02	0.19	0.35
FA1OBVOLTAGE_SIN		0.00	13.98	1.69	-10.14	1.49	-110.15	0.06	0.07	0.07	-0.11	-0.10	0.10	0.16	-0.05	0.17	-0.44
MRBLD1CB42P75_COS		-1004.88	-1742.01	441.95	-35.51	-161.53	53.48	-73.87	-44.25	17.94	-20.70	19.84	-44.85	-7.09	3.73	-9.57	13.06
MRBLD1CB42P75_SIN		0.00	798.77	124.93	49.68	115.48	-100.28	103.64	-237.73	25.46	62.62	-97.90	1.30	-18.92	6.35	15.24	14.64

RUN	POINT	Harmonics															
57	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4468.03	-1259.81	277.15	-6.50	-129.08	-51.90	-109.00	-50.07	6.82	-5.94	-42.80	-33.51	-3.40	7.94	-7.58	25.17
MRBLD1CB70_SIN		0.00	645.28	-55.66	119.79	192.79	-134.14	223.75	-189.12	18.88	68.53	-24.80	-2.91	-11.77	0.87	4.30	35.23
MRBLD1CB120_COS		-210.85	-720.68	213.42	109.33	-27.04	-165.69	-80.41	-11.16	-24.31	5.43	1.05	15.70	-2.00	9.03	5.26	0.35
MRBLD1CB120_SIN		0.00	580.34	-101.54	76.06	305.39	-152.81	234.45	-124.66	-30.84	-58.55	55.00	8.14	12.28	-3.87	-3.79	7.98
MRBLD1CB164_COS		-1955.27	-257.59	31.88	127.02	-17.61	-128.35	-42.39	14.58	-34.15	6.83	49.68	16.83	-6.57	-1.74	2.95	-15.19
MRBLD1CB164_SIN		0.00	243.54	-57.35	41.19	162.97	-58.94	74.01	27.98	-39.05	-85.46	32.75	17.67	7.94	-1.19	5.44	-23.01
MRBLD1FB42P75_COS		2472.39	427.34	183.00	802.87	140.79	-111.46	7.19	-315.14	-67.50	-132.85	22.77	-16.32	-6.74	18.44	22.35	43.36
MRBLD1FB42P75_SIN		0.00	-149.61	475.25	75.07	558.00	-53.33	100.51	-522.07	0.32	-46.56	-224.09	45.03	-17.91	-14.36	1.50	-10.28
MRBLD1FB70_COS		584.75	97.84	59.01	251.96	20.61	-30.50	2.75	-47.13	0.09	-0.88	-1.45	2.61	1.35	-1.47	-2.71	-8.82
MRBLD1FB70_SIN		0.00	-253.26	191.63	-12.43	164.31	-35.80	26.29	-86.70	6.71	8.36	3.14	1.53	3.52	2.18	-0.62	1.25
MRBLD1FB87_COS		57.36	108.33	-10.32	151.06	-1.24	-26.76	-5.18	27.90	10.88	26.08	-3.07	8.45	4.67	-3.14	-3.85	-8.25
MRBLD1FB87_SIN		0.00	-294.50	125.80	-10.30	82.68	-5.90	-9.76	45.98	-2.36	8.54	51.88	-11.47	7.02	5.12	1.88	4.99
MRBLD1FB120_COS		-295.20	122.08	-102.79	170.63	-1.69	-35.25	-25.47	62.70	-6.89	-7.11	-3.77	-12.55	-6.98	1.97	4.65	12.64
MRBLD1FB120_SIN		0.00	-402.84	116.98	58.55	48.19	64.55	-32.87	128.00	-3.80	-9.44	-20.41	1.90	-11.90	-9.18	-3.85	-7.65
MRBLD1FB164_COS		-59.03	190.56	101.86	46.21	18.00	57.11	64.88	-60.08	4.70	5.13	-3.18	14.12	7.68	-6.42	-9.76	-6.65
MRBLD1FB164_SIN		0.00	-645.28	328.80	202.04	-147.56	4.06	-11.01	-186.93	15.88	18.23	31.77	-11.02	9.16	8.48	-0.60	0.20

RUN	POINT	Harmonics															
57	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-96.80	43.38	140.59	-39.55	1.40	43.93	66.18	-63.03	7.12	33.35	-5.98	7.19	-16.47	-6.86	8.18	21.54
MRBLD1FB180_SIN		0.00	-485.71	240.99	148.55	-129.49	-33.12	14.30	-170.29	10.65	22.62	100.25	-23.66	-6.80	-14.82	-8.80	-8.98
MRBLD1TOR51_COS		-1599.75	266.74	163.05	-73.76	42.69	98.96	-3.46	-45.56	-32.95	14.04	0.19	-0.86	-10.26	5.90	6.20	7.26
MRBLD1TOR51_SIN		0.00	-300.35	304.99	46.86	-87.73	-136.56	-19.74	-86.81	-5.00	-11.66	19.43	5.52	-6.43	-8.61	3.62	10.40
MRBLD1TOR71_COS		-408.57	284.35	127.17	-89.78	45.57	96.21	7.46	-37.59	-26.29	16.81	-2.58	2.93	-9.34	4.29	4.62	5.05
MRBLD1TOR71_SIN		0.00	-276.04	265.66	21.06	-107.78	-119.01	-25.28	-49.36	-2.70	-8.23	25.56	0.61	-4.23	-7.37	4.65	8.12
MRBLD1TOR130_COS		-146.47	265.47	134.12	-119.81	35.48	80.51	16.05	-26.70	-13.10	3.85	16.81	1.25	-3.67	-1.46	-2.69	-2.48
MRBLD1TOR130_SIN		0.00	-250.35	205.35	28.28	-120.58	-108.68	-18.04	-55.96	2.93	-11.17	1.80	-2.14	1.73	0.58	2.97	-2.49
MRBLD1TOR164_COS		-331.30	157.38	89.35	-100.08	10.41	39.34	6.36	-16.75	1.13	4.76	-3.57	4.19	3.48	-3.39	-4.03	-0.12
MRBLD1TOR164_SIN		0.00	-133.84	90.45	-13.94	-55.07	-85.41	-4.20	-21.34	3.64	2.60	4.54	-11.69	1.05	1.84	-2.85	-8.22
MRFBM2CB26P5_COS		1645.06	-594.49	-223.96	37.20	-38.65	10.84	30.97	-0.11	-0.77	-8.58	22.93	-0.09	-0.69	-0.84	0.47	-1.26
MRFBM2CB26P5_SIN		0.00	-517.35	22.17	82.27	3.02	1.14	3.70	-0.26	-1.77	0.60	-17.52	-0.67	2.60	-1.23	0.85	-2.93
MRFBM2FB9_COS		510.88	-250.93	327.77	127.25	-73.58	11.67	13.08	-21.59	-3.98	2.46	-3.21	0.68	-0.92	0.07	-0.57	-1.83
MRFBM2FB9_SIN		0.00	-74.51	78.21	195.62	-27.33	-5.86	17.75	-30.26	-2.59	-4.57	5.11	2.33	-0.69	0.14	0.12	-1.02
MRFBM2TOR26P5_COS		-171.78	270.79	-3.99	0.71	-2.69	1.99	0.40	0.25	0.35	0.13	-0.27	-0.38	0.24	-0.04	0.02	0.11
MRFBM2TOR26P5_SIN		0.00	-0.30	0.05	-0.26	-1.84	0.04	-1.01	0.33	-0.23	0.21	0.03	0.36	0.05	0.27	-0.09	0.02

RUN	POINT	Harmonics															
57	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		306.18	-1399.55	388.12	-55.27	-108.68	48.28	-47.91	-42.36	30.36	-16.01	36.72	-21.90	-4.63	6.93	-4.03	8.26
MRPC1CB33P25_SIN		0.00	764.85	107.86	2.15	98.37	-71.50	42.84	-178.08	9.61	11.82	-91.71	7.76	-14.51	4.18	11.16	11.91
MRPC1FB33P25_COS		1732.22	338.93	6.76	682.30	-3.30	-78.21	-31.90	-41.76	-41.87	-71.36	151.04	-38.40	11.17	20.98	11.22	34.12
MRPC1FB33P25_SIN		0.00	78.50	384.29	198.19	507.42	-77.45	93.01	-553.80	-38.33	-107.34	-154.87	18.68	-19.06	5.61	19.41	38.46
MRPC1TOR25P5_COS		-299.58	-204.09	-200.20	126.17	-56.78	-106.21	10.96	49.04	40.08	-11.58	16.31	2.82	10.65	-7.27	-10.23	-5.58
MRPC1TOR25P5_SIN		0.00	72.65	-315.10	-45.70	118.41	138.32	31.57	69.23	4.75	8.72	-29.34	-12.87	8.32	11.38	3.67	-7.51
MRPLK1LOAD_COS		8.51	-29.54	-26.41	14.93	-9.77	-14.04	1.32	7.73	6.96	-1.04	2.89	0.70	0.82	-1.09	-1.81	-1.01
MRPLK1LOAD_SIN		0.00	15.78	-42.69	-9.04	15.58	18.41	3.84	9.99	1.04	1.63	-2.92	-4.31	0.97	1.30	1.15	-0.91
PITCHRH_COS		9345.53	-8897.64	-622.13	267.79	11.63	1197.02	153.39	-269.38	35.45	120.47	-50.98	-34.55	-37.37	-70.01	39.39	-202.04
PITCHRH_SIN		0.00	1742.62	-1290.43	-34.35	-368.88	1649.20	193.18	244.21	67.17	-182.10	-340.25	169.48	-78.08	87.56	74.11	38.83
ROLLRH_COS		458.96	-1229.80	1593.40	-115.38	119.83	-2891.07	53.30	139.81	156.58	170.15	164.82	-112.04	80.46	-163.94	247.00	-13.80
ROLLRH_SIN		0.00	-8906.37	-328.06	461.13	-424.53	1943.55	-134.65	-47.03	-114.80	119.45	-107.66	30.34	-79.57	55.39	6.08	-23.44
TORQ_COS		103375.66	252.03	-20.80	104.66	-68.49	-335.44	24.51	14.04	-0.90	-2.53	-70.08	-7.43	8.68	2.38	-2.48	12.28
TORQ_SIN		0.00	475.32	-89.88	269.09	102.59	-27.61	13.99	53.52	-10.86	-4.70	94.06	1.49	-8.84	8.86	-7.73	0.86
THRUST_COS		5616.08	-35.35	8.95	43.97	0.96	-13.43	3.14	35.60	0.07	-20.22	1.21	-6.29	-15.90	7.54	-4.15	-36.84
THRUST_SIN		0.00	-13.50	12.10	4.34	-4.03	-24.61	6.51	14.73	0.48	2.60	83.98	-4.06	-11.34	-2.24	16.88	-29.74

RUN	POINT	Harmonics															
57	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-149.05	47.47	-31.54	6.68	77.33	61.95	-1.19	-5.76	-5.66	-5.32	-1.45	1.94	-2.07	3.91	-7.22	1.04
SIDERH_SIN		0.00	236.97	0.54	9.37	52.57	-253.67	2.89	1.34	2.86	-4.50	-6.43	-0.22	1.46	-0.91	-0.01	-0.21
DRAGRH_COS		-42.70	244.18	22.88	-3.41	-1.86	49.47	-22.46	-0.30	1.45	-6.99	-9.78	3.42	-0.02	3.11	-3.54	7.09
DRAGRH_SIN		0.00	-41.80	15.89	-8.91	-12.52	315.11	-2.96	7.98	-7.49	14.95	14.47	-3.30	2.73	-4.19	-3.96	-0.89

RUN	POINT	Harmonics															
57	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.39	-0.56	-0.48	0.27	-0.13	0.48	0.03	-0.01	-0.04	0.04	0.00	0.00	-0.01	0.01	0.00	0.05
FLAP1C_SIN		0.00	0.68	-0.30	0.05	0.15	0.75	-0.04	0.05	-0.05	0.00	0.01	0.02	0.02	0.00	0.04	0.02
ACT1DISP_COS		2.63	0.06	0.05	-0.03	0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	-0.08	0.03	-0.01	-0.02	-0.08	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.09	-4.44	-10.99	3.57	-2.34	-8.22	0.90	0.03	-1.02	0.92	0.30	-0.09	-0.47	0.38	-0.32	1.22
ACT1FORCE_SIN		0.00	21.77	-6.94	-0.60	4.92	5.31	-1.11	1.72	-1.14	-0.39	0.33	0.71	0.63	0.09	1.24	0.85
FA1IBCURRENT_COS		0.00	0.00	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.01	-0.01	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		402.69	-61.15	-14.48	33.70	-5.91	192.10	0.01	-0.35	0.28	0.12	0.74	-0.12	-0.15	0.04	-0.10	-0.38
FA1IBVOLTAGE_SIN		0.00	-8.78	-4.02	12.21	-0.83	94.75	-0.07	-0.66	-0.09	0.33	-0.29	-0.04	-0.08	0.07	-0.06	0.56
FA1OBCURRENT_COS		0.02	0.00	0.00	-0.01	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	-0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		403.11	61.27	14.56	-33.80	5.79	-192.65	-0.17	0.26	-0.13	-0.11	-0.22	0.11	0.16	-0.06	0.17	0.32
FA1OBVOLTAGE_SIN		0.00	8.77	3.98	-12.18	1.00	-94.77	0.27	0.73	0.00	-0.28	-0.07	0.02	0.07	-0.10	0.08	-0.53
MRBLD1CB42P75_COS		-1010.87	-1793.35	446.43	-18.64	-197.91	13.79	-60.25	-33.33	6.64	-24.47	-7.10	-48.99	-11.28	4.88	-10.42	11.09
MRBLD1CB42P75_SIN		0.00	825.96	101.87	101.45	155.97	-106.58	99.32	-236.22	15.76	63.19	-113.94	-2.37	-23.50	5.46	10.90	13.22

RUN	POINT	Harmonics															
57	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4471.20	-1293.94	295.40	-12.57	-173.84	-101.71	-78.28	-47.52	-1.67	-8.01	-65.27	-37.95	-6.28	8.66	-7.55	26.94
MRBLD1CB70_SIN		0.00	659.80	-64.14	177.00	251.63	-117.42	232.80	-189.57	19.56	68.06	-30.86	-5.94	-14.64	-1.34	1.21	31.43
MRBLD1CB120_COS		-209.93	-728.09	237.52	99.68	-54.17	-204.36	-41.03	-16.75	-18.89	6.97	12.10	17.00	-0.24	8.16	6.50	2.08
MRBLD1CB120_SIN		0.00	577.55	-97.25	117.50	347.20	-119.77	254.92	-134.77	-11.54	-59.87	63.73	11.41	15.24	-4.54	-4.46	6.35
MRBLD1CB164_COS		-1957.99	-259.11	36.96	123.15	-27.18	-137.81	-30.75	7.05	-28.50	6.94	63.35	20.15	-6.27	-2.51	2.10	-17.05
MRBLD1CB164_SIN		0.00	241.14	-56.51	62.33	174.18	-40.42	85.49	20.78	-27.13	-86.66	38.38	20.71	10.92	-0.12	7.65	-19.68
MRBLD1FB42P75_COS		2483.85	434.94	161.25	846.17	148.89	-158.89	22.36	-303.46	-64.71	-140.88	2.28	-15.06	-12.06	17.34	12.18	38.70
MRBLD1FB42P75_SIN		0.00	-157.34	466.52	109.54	498.73	-38.39	92.86	-547.43	6.45	-38.39	-237.36	50.48	-18.53	-15.95	-3.21	-15.02
MRBLD1FB70_COS		586.67	92.73	50.01	265.48	20.13	-43.97	7.12	-43.45	0.60	-0.30	-1.60	3.25	2.37	-1.26	-0.59	-7.86
MRBLD1FB70_SIN		0.00	-251.71	183.37	4.75	149.28	-30.25	24.11	-91.06	7.21	8.55	3.78	1.30	3.65	2.39	0.62	2.38
MRBLD1FB87_COS		57.39	102.82	-18.36	156.60	-3.08	-28.70	-6.80	26.34	10.65	27.54	2.12	8.09	5.76	-3.05	-1.79	-7.36
MRBLD1FB87_SIN		0.00	-291.16	120.03	1.55	74.69	-3.19	-8.68	48.45	-2.90	7.10	54.60	-12.78	7.16	5.43	2.53	5.63
MRBLD1FB120_COS		-294.17	113.96	-113.88	175.74	-4.68	-24.59	-32.20	58.16	-7.15	-7.67	-5.01	-13.36	-8.79	1.82	1.27	11.00
MRBLD1FB120_SIN		0.00	-395.02	109.17	74.26	49.58	64.51	-29.07	134.57	-4.17	-9.64	-21.05	3.38	-11.75	-9.13	-4.61	-8.45
MRBLD1FB164_COS		-48.56	181.95	88.72	53.71	31.41	68.07	72.15	-52.07	5.12	5.89	-0.40	13.88	9.09	-5.93	-8.36	-6.35
MRBLD1FB164_SIN		0.00	-630.68	317.25	205.81	-114.68	-0.18	-16.76	-197.12	16.44	18.76	33.43	-12.61	8.79	9.09	0.24	0.68

RUN	POINT	Harmonics															
57	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-88.23	38.17	134.45	-39.85	12.54	44.96	74.24	-55.47	7.32	35.19	3.82	6.06	-17.01	-8.85	3.92	19.64
MRBLD1FB180_SIN		0.00	-476.92	236.17	145.74	-109.10	-32.84	8.81	-180.55	12.30	22.39	106.84	-23.51	-4.88	-13.64	-10.21	-10.57
MRBLD1TOR51_COS		-1596.10	263.92	161.30	-76.11	47.33	76.49	-0.22	-45.29	-33.78	13.90	0.18	-0.08	-10.77	5.18	6.18	8.54
MRBLD1TOR51_SIN		0.00	-299.41	303.76	44.36	-78.78	-158.05	-13.96	-89.65	-4.59	-14.32	20.29	4.91	-4.84	-10.37	3.03	9.18
MRBLD1TOR71_COS		-404.33	282.30	125.47	-93.52	50.52	78.42	9.90	-38.41	-26.13	17.51	-1.62	3.62	-9.58	3.49	4.90	5.78
MRBLD1TOR71_SIN		0.00	-275.72	265.33	15.50	-99.54	-138.78	-20.74	-51.19	-2.10	-11.24	27.26	-0.27	-3.09	-8.20	3.92	7.23
MRBLD1TOR130_COS		-142.05	263.78	133.70	-125.38	40.20	65.19	19.10	-27.11	-12.07	3.93	16.57	1.31	-3.43	-1.43	-2.10	-3.11
MRBLD1TOR130_SIN		0.00	-249.92	206.03	20.53	-110.73	-124.77	-16.36	-57.25	3.91	-13.92	0.18	-2.79	0.90	1.53	2.30	-2.10
MRBLD1TOR164_COS		-329.72	157.43	90.97	-106.11	13.45	25.23	8.45	-17.80	2.12	5.34	-3.41	3.07	3.43	-3.58	-4.34	-1.60
MRBLD1TOR164_SIN		0.00	-134.59	93.16	-21.33	-54.03	-94.34	-4.64	-21.52	4.16	1.20	5.24	-12.36	-0.63	3.29	-4.14	-8.05
MRFBM2CB26P5_COS		1654.33	-661.31	-233.90	28.49	-60.54	5.34	34.83	2.67	-0.33	-9.14	22.72	0.77	-0.75	-0.24	-0.21	-1.28
MRFBM2CB26P5_SIN		0.00	-572.47	37.11	80.67	11.21	11.43	-0.66	2.52	-5.58	1.08	-18.51	-0.74	2.94	-1.29	0.62	-2.92
MRFBM2FB9_COS		529.54	-188.41	315.56	104.58	-78.64	11.45	15.59	-20.70	-3.78	2.37	-3.41	0.09	-0.71	0.05	0.02	-1.93
MRFBM2FB9_SIN		0.00	-54.58	42.60	196.09	-18.41	-4.04	17.36	-31.59	-3.03	-4.84	4.37	2.38	-0.95	0.19	-0.54	-1.01
MRFBM2TOR26P5_COS		-171.84	270.34	-4.10	1.02	-3.06	2.34	0.33	0.36	0.28	0.11	-0.25	-0.47	0.25	-0.01	-0.03	0.14
MRFBM2TOR26P5_SIN		0.00	-0.88	0.74	-0.83	-1.18	-0.25	-1.00	0.30	-0.28	0.35	0.08	0.39	0.12	0.22	-0.10	0.01

RUN	POINT	Harmonics															
57	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		305.35	-1433.60	386.08	-30.10	-124.27	25.82	-43.30	-32.97	22.16	-18.20	20.46	-24.47	-7.21	8.06	-4.41	6.94
MRPC1CB33P25_SIN		0.00	791.65	88.47	30.87	119.53	-81.39	36.34	-178.18	3.92	11.90	-103.45	5.92	-17.23	3.01	6.94	10.36
MRPC1FB33P25_COS		1739.37	347.70	-9.19	711.81	15.92	-121.13	-15.95	-23.06	-43.78	-81.76	142.89	-41.46	7.67	21.83	9.37	36.68
MRPC1FB33P25_SIN		0.00	72.24	376.66	235.25	461.49	-77.19	91.83	-568.29	-32.84	-105.62	-176.93	23.26	-24.03	3.87	7.13	31.20
MRPC1TOR25P5_COS		-305.69	-202.11	-198.76	129.20	-62.57	-85.06	9.31	48.50	41.31	-11.56	14.96	1.12	11.04	-6.31	-9.46	-7.75
MRPC1TOR25P5_SIN		0.00	71.43	-313.96	-40.64	108.30	162.35	24.38	72.33	5.25	9.68	-32.57	-12.99	4.42	14.65	1.83	-6.64
MRPLK1LOAD_COS		7.67	-29.20	-26.21	15.13	-10.50	-11.22	1.20	7.29	7.32	-0.85	2.73	0.35	0.92	-0.96	-1.57	-1.41
MRPLK1LOAD_SIN		0.00	15.35	-42.50	-8.27	14.15	21.79	2.72	10.45	1.20	1.33	-3.45	-4.50	0.21	1.98	0.61	-0.73
PITCHRH_COS		8969.97	-8787.54	-722.71	14.33	-12.37	1245.87	129.53	-279.79	32.86	108.52	-75.21	17.68	-44.07	-25.86	62.44	-253.72
PITCHRH_SIN		0.00	1775.84	-1332.79	-102.59	-355.63	1328.11	115.36	267.34	115.45	-200.98	-381.76	201.56	-73.05	80.83	56.44	20.68
ROLLRH_COS		835.46	-1223.85	1652.21	-201.78	13.67	-2646.44	130.19	154.49	167.56	172.64	179.94	-140.73	56.34	-171.37	244.04	-20.29
ROLLRH_SIN		0.00	-8861.99	-524.94	194.81	-339.16	2168.24	-168.75	-40.63	-103.66	107.66	-141.73	64.89	-85.63	15.73	-24.64	-31.01
TORQ_COS		103782.45	202.34	-20.64	59.17	-33.00	-328.36	27.23	-1.24	8.74	-2.86	-67.84	-9.86	7.94	2.48	-3.16	13.00
TORQ_SIN		0.00	425.67	-85.61	71.52	57.64	14.17	11.28	47.01	11.34	-3.23	99.92	2.04	-8.33	7.95	-7.86	-0.79
THRUST_COS		5687.36	-5.86	-0.90	1.77	1.01	-6.73	2.66	29.18	-2.87	-21.32	6.37	-5.16	-16.94	6.24	-0.43	-40.83
THRUST_SIN		0.00	3.63	0.03	-1.92	0.84	-23.34	2.99	15.84	-4.52	0.67	86.39	-3.19	-11.48	4.37	16.49	-26.79

RUN	POINT	Harmonics															
57	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-151.49	48.78	-27.68	-5.96	82.57	28.47	-6.62	-6.59	-6.13	-5.17	-2.50	3.36	-1.44	4.58	-7.37	1.35
SIDERH_SIN		0.00	234.91	5.00	0.59	35.19	-265.00	3.99	2.37	3.45	-4.22	-6.04	-2.09	1.62	-0.16	0.95	-0.05
DRAGRH_COS		-45.88	244.35	21.15	3.63	-3.06	109.63	-14.18	3.59	0.73	-5.37	-11.10	0.76	-0.22	2.61	-4.25	9.98
DRAGRH_SIN		0.00	-43.10	9.91	-8.07	-12.37	324.95	4.36	5.63	-6.76	14.92	17.65	-4.73	2.75	-3.97	-3.39	-0.62

RUN	POINT	Harmonics															
57	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.42	-0.28	-0.32	0.08	-0.03	0.14	0.03	0.00	-0.01	-0.03	0.00	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN		0.00	0.55	-0.13	-0.12	0.00	-0.15	0.04	0.02	0.03	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01
ACT1DISP_COS		2.62	0.03	0.04	-0.01	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.01	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.88	-3.92	-11.16	0.69	-1.66	1.07	0.46	-0.08	-0.41	-1.05	0.41	0.05	0.25	0.02	-0.17	-0.45
ACT1FORCE_SIN		0.00	19.81	-4.40	-1.42	1.16	4.17	1.46	0.42	0.56	-0.52	-0.19	-0.25	-0.18	0.24	0.02	0.17
FA1IBCURRENT_COS		-0.01	0.00	0.00	-0.01	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.55	-31.17	11.52	7.13	9.76	10.50	-0.08	-0.01	-0.10	-0.05	0.03	0.04	0.01	-0.03	-0.05	-0.07
FA1IBVOLTAGE_SIN		0.00	-17.98	7.79	-15.75	-12.81	-89.46	0.11	0.00	-0.06	-0.05	0.08	0.02	0.02	0.04	0.00	0.06
FA1OBCURRENT_COS		0.02	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.10	31.24	-11.53	-7.15	-9.73	-10.46	0.12	0.00	0.07	0.03	-0.04	-0.03	-0.02	0.03	0.04	0.06
FA1OBVOLTAGE_SIN		0.00	18.00	-7.81	15.78	12.83	89.66	-0.08	0.00	0.09	0.07	0.01	-0.02	-0.02	-0.05	0.01	-0.04
MRBLD1CB42P75_COS		-1034.99	-1544.49	486.98	0.59	7.57	-67.14	-53.66	-22.81	6.56	-24.76	-17.85	9.57	-12.21	-2.67	4.43	3.05
MRBLD1CB42P75_SIN		0.00	1199.04	83.72	67.07	229.98	-91.48	-19.35	-82.47	32.80	43.10	-97.84	25.84	16.09	0.41	-0.65	22.70

RUN	POINT	Harmonics															
57	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4450.29	-1148.41	303.50	-16.80	161.01	-62.87	-26.74	-26.95	12.95	-14.94	-44.43	7.37	-5.22	-1.07	0.20	14.44
MRBLD1CB70_SIN		0.00	897.05	-68.21	137.32	329.79	-186.77	-6.10	-22.52	21.30	45.40	-41.94	11.14	11.48	1.44	-6.50	30.26
MRBLD1CB120_COS		-210.47	-688.54	229.68	93.35	196.66	-44.07	9.32	-15.34	9.81	-6.56	18.83	-6.70	9.15	3.75	2.19	-0.93
MRBLD1CB120_SIN		0.00	668.13	-115.39	101.60	361.58	-170.78	-17.85	-3.65	-27.92	-42.89	47.87	-6.92	-2.30	3.31	-1.20	3.46
MRBLD1CB164_COS		-1963.68	-243.38	33.68	103.10	61.85	-22.65	10.33	-0.80	-4.43	1.82	43.14	-5.30	3.65	0.70	-1.51	-8.50
MRBLD1CB164_SIN		0.00	253.23	-49.50	44.91	160.29	-70.63	-4.32	19.40	-34.77	-55.30	37.56	2.29	0.01	-0.17	9.55	-17.65
MRBLD1FB42P75_COS		2480.80	374.91	221.57	817.66	-72.71	-95.71	-125.58	-184.77	-56.03	-129.23	-13.11	24.69	-8.41	-1.10	3.44	39.25
MRBLD1FB42P75_SIN		0.00	-224.41	416.85	131.52	369.03	270.72	15.30	-200.71	5.32	-33.29	-160.60	18.53	7.61	-14.79	-30.37	14.74
MRBLD1FB70_COS		584.32	97.00	73.66	242.84	-18.87	-23.61	-23.42	-21.14	2.15	-1.71	-0.69	1.49	1.93	0.86	-0.28	-7.09
MRBLD1FB70_SIN		0.00	-251.80	178.44	8.05	103.86	48.16	1.04	-29.86	7.73	7.81	3.58	1.63	1.57	2.85	5.57	-3.40
MRBLD1FB87_COS		51.36	110.97	1.94	130.53	-18.38	-11.73	-0.89	14.89	10.41	24.62	6.39	-4.44	3.80	1.33	0.01	-7.62
MRBLD1FB87_SIN		0.00	-300.84	129.52	0.26	43.75	9.61	-2.70	15.32	-3.67	6.10	36.76	-4.40	-0.79	5.15	8.72	-0.54
MRBLD1FB120_COS		-310.09	137.91	-90.02	126.01	0.11	-11.44	6.34	23.96	-13.33	-5.57	-6.85	-5.43	-7.02	-3.39	-0.76	12.38
MRBLD1FB120_SIN		0.00	-414.24	143.27	61.80	28.66	-0.70	6.58	50.42	-7.89	-10.74	-14.99	-1.16	-3.94	-10.11	-13.56	0.09
MRBLD1FB164_COS		-52.83	166.46	94.17	81.09	97.51	52.75	20.37	-21.44	12.63	8.97	3.58	2.10	5.03	-1.69	-4.02	-7.09
MRBLD1FB164_SIN		0.00	-626.74	283.36	195.80	-32.00	-44.09	-25.81	-76.79	12.95	15.64	24.03	-4.48	1.67	6.04	5.90	-1.72

RUN	POINT	Harmonics															
57	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-88.59	18.48	128.17	3.51	65.91	49.64	7.49	-30.38	11.97	39.24	10.27	-20.90	-12.76	-7.39	-1.26	16.05
MRBLD1FB180_SIN		0.00	-467.32	197.71	136.69	-42.64	-16.25	-16.38	-69.48	2.73	17.94	74.66	-14.83	-12.77	-11.06	-17.58	0.24
MRBLD1TOR51_COS		-1594.66	224.53	174.24	-10.34	9.25	-61.02	30.34	-30.76	-2.66	-4.22	-2.46	-4.47	-0.03	1.88	4.85	-0.06
MRBLD1TOR51_SIN		0.00	-284.23	232.97	101.92	-12.23	5.13	-34.23	-29.88	11.20	3.15	9.08	-4.53	-7.14	-4.56	-3.69	5.66
MRBLD1TOR71_COS		-402.22	240.87	134.83	-31.42	13.93	-45.53	35.20	-24.47	0.81	-0.65	-2.92	-5.74	1.78	1.65	3.04	0.06
MRBLD1TOR71_SIN		0.00	-266.21	200.89	69.26	-34.43	3.87	-29.36	-15.07	12.00	5.63	14.32	-5.63	-4.88	-2.35	-0.89	3.98
MRBLD1TOR130_COS		-139.52	220.72	136.72	-59.35	18.72	-34.39	26.12	-16.67	3.04	-6.39	9.39	-3.68	0.42	-0.93	-2.63	-0.33
MRBLD1TOR130_SIN		0.00	-238.54	142.51	66.73	-42.19	0.80	-26.99	-20.01	9.64	-1.04	-3.15	3.12	3.95	2.87	3.47	-0.92
MRBLD1TOR164_COS		-327.53	124.47	89.84	-59.78	-1.87	-30.84	6.15	-9.90	4.81	2.53	-0.31	-3.01	0.28	-0.89	-2.03	2.20
MRBLD1TOR164_SIN		0.00	-125.79	49.59	12.22	-22.86	10.04	-16.35	-7.58	2.33	3.78	2.60	-2.39	2.04	0.62	-0.42	-1.83
MRFBM2CB26P5_COS		1593.68	-899.37	-216.86	10.00	-13.62	-12.78	4.19	1.26	-1.77	-6.33	13.36	-0.95	0.80	-0.27	0.55	-0.69
MRFBM2CB26P5_SIN		0.00	-151.00	57.55	73.43	56.46	-17.77	-4.35	-7.85	3.00	1.65	-12.73	0.69	-0.17	-0.10	0.14	-0.98
MRFBM2FB9_COS		621.41	-215.46	291.02	111.44	-44.53	24.47	2.84	-9.92	-3.42	2.96	-2.92	-0.03	-0.56	-0.11	0.37	-1.17
MRFBM2FB9_SIN		0.00	-471.59	43.61	233.77	-36.89	-30.88	14.11	-7.37	-2.64	-3.80	3.48	0.98	0.24	-0.09	-0.22	-1.43
MRFBM2TOR26P5_COS		-172.43	265.91	-3.04	0.73	0.36	-1.14	0.11	0.20	0.00	0.36	-0.28	0.16	0.12	0.06	-0.03	0.05
MRFBM2TOR26P5_SIN		0.00	-2.07	0.29	-0.55	-1.02	-0.30	0.96	0.14	-0.20	0.14	0.04	0.11	-0.01	0.09	-0.10	-0.04

RUN	POINT	Harmonics															
57	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		321.25	-1219.10	433.84	-1.77	-51.76	-55.18	-56.25	-23.69	8.87	-19.35	3.44	9.33	-6.74	-1.00	6.93	1.80
MRPC1CB33P25_SIN		0.00	1094.23	66.07	18.73	142.38	-19.54	-17.48	-81.65	12.07	4.68	-79.78	18.21	9.33	0.13	-2.37	19.53
MRPC1FB33P25_COS		1737.60	299.36	49.95	682.18	-127.11	-150.69	-110.14	-65.89	-40.00	-73.66	87.26	10.14	-9.27	10.71	28.05	9.32
MRPC1FB33P25_SIN		0.00	11.33	341.47	248.01	300.70	188.09	-28.42	-244.70	-31.21	-95.29	-129.56	29.62	-0.26	-9.22	-13.71	46.09
MRPC1TOR25P5_COS		-309.68	-162.95	-209.70	56.93	-15.21	68.30	-35.96	30.28	6.42	4.44	13.78	4.66	1.81	-2.36	-5.95	1.41
MRPC1TOR25P5_SIN		0.00	65.15	-239.67	-102.41	32.01	-3.78	38.26	22.83	-12.75	-7.25	-19.93	9.43	14.78	8.38	8.66	-0.80
MRPLK1LOAD_COS		7.10	-24.25	-27.73	5.56	-3.67	10.65	-6.24	4.45	2.30	0.27	2.36	-0.59	0.62	-0.33	-1.30	0.00
MRPLK1LOAD_SIN		0.00	14.92	-32.61	-16.82	4.12	-0.51	4.59	3.29	-1.46	-0.34	-2.46	0.44	2.48	1.62	1.55	0.04
PITCHRH_COS		11336.71	-9284.53	-895.53	270.83	16.06	-709.30	257.44	-69.70	-25.42	-58.95	20.28	21.72	-2.95	34.47	-21.68	-170.44
PITCHRH_SIN		0.00	669.76	-874.93	269.00	-156.82	1297.73	219.70	112.04	-13.59	-31.00	-265.86	7.79	16.50	30.61	28.14	67.45
ROLLRH_COS		3078.48	-702.79	1093.27	-320.94	311.96	-2115.07	-125.78	111.08	-2.24	154.80	265.13	-13.80	-8.97	-48.14	47.05	125.97
ROLLRH_SIN		0.00	-9206.81	-627.16	561.79	-194.37	420.12	-92.87	-8.96	-196.24	-105.75	-83.93	39.10	14.48	-16.09	-21.02	260.77
TORQ_COS		102806.62	83.29	-35.78	-98.04	18.92	24.38	5.50	7.52	12.50	-7.41	-33.26	-2.19	2.21	-0.13	-4.76	4.84
TORQ_SIN		0.00	1167.90	-68.43	364.60	-124.33	61.25	11.04	99.10	-22.16	-7.43	61.73	2.90	-5.36	6.71	-4.17	0.64
THRUST_COS		5713.13	-12.12	6.13	46.45	-6.46	78.11	3.98	28.04	-0.07	-6.77	-25.72	-5.08	9.32	0.35	0.25	-16.17
THRUST_SIN		0.00	-328.29	21.69	41.05	24.82	-101.73	8.61	25.94	8.71	-1.85	55.31	-2.46	5.16	4.29	6.31	-22.62

RUN	POINT	Harmonics															
57	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-139.76	46.74	-23.24	6.58	5.50	69.49	13.55	-4.99	0.32	-4.61	-9.13	0.39	-0.37	1.37	-1.46	-3.49
SIDERH_SIN		0.00	237.49	3.72	19.30	69.05	-71.43	-1.68	-0.09	4.12	5.23	-2.16	0.15	-0.31	0.37	0.49	-7.79
DRAGRH_COS		-27.09	241.84	19.22	-1.24	14.31	16.42	-38.53	-2.37	-1.63	-0.95	-7.66	-0.46	-2.25	-2.66	0.25	8.58
DRAGRH_SIN		0.00	-53.25	4.80	-10.23	-10.10	-47.64	-11.53	7.60	-6.73	5.79	10.39	-2.15	-0.78	-1.83	0.30	-5.09

RUN	POINT	Harmonics															
57	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.28	-0.80	-0.24	0.66	0.16	0.20	-0.01	-0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.00
FLAP1C_SIN		0.00	0.39	-0.25	-0.24	-0.20	-0.34	0.01	0.01	0.02	-0.01	0.00	0.02	0.01	0.01	0.01	0.01
ACT1DISP_COS		2.64	0.09	0.03	-0.07	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.04	0.03	0.03	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-38.87	-4.28	-10.36	5.17	1.20	2.24	-0.23	-0.13	-0.13	-0.22	0.48	-0.12	0.31	0.19	0.48	-0.17
ACT1FORCE_SIN		0.00	18.76	-6.99	1.57	4.48	2.12	0.74	-0.28	0.29	-0.68	-0.21	0.79	0.58	0.54	0.31	0.15
FA1IBCURRENT_COS		-0.01	0.00	0.00	-0.03	-0.04	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	-0.04	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.56	-106.24	20.19	87.40	8.66	14.54	-0.77	-0.21	0.37	-0.38	-0.05	-0.14	-0.30	-0.21	-0.10	-0.09
FA1IBVOLTAGE_SIN		0.00	-20.84	7.03	-88.07	-80.00	-95.87	0.23	-0.34	0.69	0.31	-0.16	-0.11	0.08	0.11	0.08	0.00
FA1OBCURRENT_COS		0.02	0.00	0.00	0.03	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.16	106.52	-20.15	-87.47	-8.35	-14.32	0.79	-0.01	-0.64	0.30	0.01	0.14	0.28	0.18	0.09	0.09
FA1OBVOLTAGE_SIN		0.00	20.76	-7.08	88.38	80.40	96.15	-0.18	0.42	-0.49	-0.12	0.28	0.11	-0.08	-0.12	-0.09	-0.01
MRBLD1CB42P75_COS		-988.66	-1491.23	420.40	265.58	-473.93	-61.05	-33.40	-100.95	-23.27	-30.43	-79.17	9.12	-12.04	-8.45	-0.26	2.42
MRBLD1CB42P75_SIN		0.00	843.78	122.19	104.94	202.89	31.47	-43.73	-30.30	9.66	54.85	-14.55	10.64	16.65	3.44	-1.10	18.59

RUN	POINT	Harmonics															
57	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4493.08	-1098.24	268.92	281.00	-566.30	-48.68	-25.90	-106.99	12.62	-12.93	-77.76	3.88	-2.51	-2.66	-9.00	9.65
MRBLD1CB70_SIN		0.00	690.79	-91.44	218.23	255.93	123.23	-34.08	22.20	8.18	51.45	30.90	-1.48	13.67	6.20	-2.76	25.14
MRBLD1CB120_COS		-184.73	-656.18	228.15	298.32	-439.37	-45.06	4.53	-108.32	63.71	6.56	54.13	-6.53	7.70	6.35	1.49	-2.07
MRBLD1CB120_SIN		0.00	613.44	-144.24	168.80	288.57	167.24	-49.74	32.58	-25.51	-44.85	-13.55	-0.47	-0.76	-0.93	-2.33	2.80
MRBLD1CB164_COS		-1962.19	-235.47	36.19	208.52	-177.47	-37.96	8.16	-17.02	31.57	3.89	79.99	-3.59	1.80	-1.43	7.24	-4.04
MRBLD1CB164_SIN		0.00	242.17	-69.05	71.40	123.27	61.72	-6.10	16.02	-18.91	-56.34	-29.53	12.56	-3.61	-5.37	4.43	-15.76
MRBLD1FB42P75_COS		2500.68	378.84	176.73	894.27	47.79	-164.46	-92.22	-356.14	-28.98	-105.73	-84.47	26.75	-15.50	-9.94	4.52	32.74
MRBLD1FB42P75_SIN		0.00	-145.61	569.91	37.69	370.78	256.24	-28.46	26.74	-44.35	-14.00	-153.78	8.95	15.10	-14.10	-23.46	11.66
MRBLD1FB70_COS		590.50	101.72	56.32	304.67	-34.37	-37.22	-14.36	-48.99	4.02	0.10	0.18	0.80	2.48	1.91	-0.42	-4.71
MRBLD1FB70_SIN		0.00	-253.23	225.56	-19.19	119.54	55.88	-11.09	11.21	2.29	8.84	7.68	1.46	0.44	2.86	3.12	-2.95
MRBLD1FB87_COS		52.60	112.62	-8.76	179.61	-23.68	-17.64	-0.68	31.03	7.50	20.33	21.23	-4.84	5.30	3.14	-0.33	-6.73
MRBLD1FB87_SIN		0.00	-302.39	149.97	-14.31	58.14	8.01	-3.46	-3.92	2.57	1.39	31.03	-2.15	-2.72	4.43	7.00	-0.01
MRBLD1FB120_COS		-313.10	124.31	-111.25	202.25	5.90	-9.34	-2.12	63.08	-14.39	-7.36	-11.83	-3.96	-8.54	-5.32	0.16	10.49
MRBLD1FB120_SIN		0.00	-421.89	147.25	45.14	49.83	-12.35	19.84	-8.99	0.66	-8.18	-14.54	-2.10	-1.52	-8.84	-10.67	-0.59
MRBLD1FB164_COS		-26.14	188.78	53.40	78.63	116.71	66.28	22.36	-79.53	14.62	9.51	14.29	-1.36	6.51	2.02	-4.78	-8.03
MRBLD1FB164_SIN		0.00	-595.87	364.10	199.17	-47.84	-37.11	-43.17	-1.61	7.01	13.54	24.82	-2.63	-2.06	5.41	6.51	-0.47

RUN	POINT	Harmonics															
57	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-63.03	53.37	98.16	-36.44	75.65	53.23	7.70	-78.43	15.58	25.60	36.96	-19.51	-10.82	-10.91	-1.23	14.95
MRBLD1FB180_SIN		0.00	-438.68	272.76	149.49	-61.77	2.85	-44.07	-4.94	13.19	17.50	56.93	-12.60	-10.83	-8.87	-14.59	-2.02
MRBLD1TOR51_COS		-1559.77	295.33	114.30	-111.46	13.35	-112.80	18.88	-53.04	-0.71	-13.90	2.40	-2.66	-1.60	-1.17	6.41	3.01
MRBLD1TOR51_SIN		0.00	-234.53	353.04	50.66	-43.36	51.10	-28.59	17.38	9.68	0.28	12.02	-0.71	-3.70	-4.58	-4.28	7.93
MRBLD1TOR71_COS		-370.70	308.84	82.29	-137.84	30.75	-91.02	21.04	-30.74	-0.42	-12.38	3.75	-4.55	1.20	-0.26	4.14	1.64
MRBLD1TOR71_SIN		0.00	-213.94	308.04	22.81	-62.66	40.44	-22.75	23.39	11.91	-0.57	16.44	-2.53	-1.79	-2.60	-1.31	5.08
MRBLD1TOR130_COS		-108.56	292.39	89.41	-171.69	30.99	-66.46	11.44	-24.04	2.21	-17.84	4.69	-2.02	1.36	-0.58	-3.51	-2.09
MRBLD1TOR130_SIN		0.00	-184.48	240.16	36.02	-73.08	30.07	-20.25	14.14	5.81	-5.10	-3.15	1.92	4.71	2.66	3.52	-2.96
MRBLD1TOR164_COS		-305.82	179.22	62.32	-142.20	-5.18	-52.14	-0.80	-7.57	1.67	-5.39	-0.02	-3.26	1.15	0.55	-3.99	-1.02
MRBLD1TOR164_SIN		0.00	-85.69	105.72	-4.22	-41.21	24.41	-11.90	9.45	1.92	-1.23	3.43	-4.21	0.32	0.15	0.79	-4.77
MRFBM2CB26P5_COS		1618.77	-890.63	-223.64	69.86	-62.51	-12.92	0.75	8.74	-8.88	-8.48	12.65	-0.72	0.10	-0.07	0.84	-0.98
MRFBM2CB26P5_SIN		0.00	-225.06	62.88	75.48	55.49	40.30	-11.78	-6.06	-2.15	0.02	-10.65	-0.27	0.05	-1.65	-0.25	-0.77
MRFBM2FB9_COS		576.57	-197.12	285.44	70.64	-62.85	15.05	5.90	-12.22	-6.14	3.98	-4.73	0.41	-0.71	-0.11	0.39	-0.86
MRFBM2FB9_SIN		0.00	-366.52	19.72	220.96	-26.05	-14.80	10.31	-21.39	-3.30	-4.18	4.37	1.50	-0.10	0.12	-0.53	-1.34
MRFBM2TOR26P5_COS		-172.53	266.15	-3.20	0.92	-0.34	-0.90	-0.12	-0.19	0.24	0.34	-0.21	0.19	0.11	-0.05	-0.08	-0.04
MRFBM2TOR26P5_SIN		0.00	-1.67	0.93	-1.73	0.74	-0.08	0.94	0.50	-0.02	0.76	0.02	0.34	0.03	0.27	0.01	-0.06

RUN	POINT	Harmonics															
57	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		350.05	-1213.79	381.82	147.99	-262.57	-56.40	-33.07	-83.03	-13.40	-21.02	-34.62	10.87	-8.27	-5.11	3.75	0.94
MRPC1CB33P25_SIN		0.00	774.48	126.47	5.79	170.99	-13.03	-38.46	-41.53	-6.74	14.30	-41.48	8.11	11.70	0.86	-4.52	16.15
MRPC1FB33P25_COS		1753.99	294.56	-8.42	771.10	-47.07	-200.59	-67.38	-292.65	1.61	-65.76	29.81	17.13	-18.96	4.97	20.02	6.36
MRPC1FB33P25_SIN		0.00	76.22	459.79	185.54	328.50	162.05	-54.74	-135.86	-58.52	-69.61	-163.53	23.25	0.69	-13.74	-7.05	37.28
MRPC1TOR25P5_COS		-344.38	-237.09	-151.22	176.18	-36.02	123.86	-21.97	45.85	2.23	7.46	0.36	2.76	4.31	1.34	-10.08	-5.77
MRPC1TOR25P5_SIN		0.00	6.82	-363.87	-47.36	65.82	-50.64	30.48	-21.55	-13.39	-7.71	-20.94	2.36	11.76	7.71	10.84	-7.15
MRPLK1LOAD_COS		2.17	-33.48	-20.19	21.35	-6.97	18.08	-4.63	7.46	1.05	-1.01	-0.01	-0.79	1.22	0.31	-2.00	-1.30
MRPLK1LOAD_SIN		0.00	7.42	-49.33	-9.10	8.56	-6.98	3.51	-2.28	-1.75	-1.74	-2.28	-0.77	2.17	1.33	1.83	-1.15
PITCHRH_COS		11116.98	-9086.11	-346.91	-491.82	-313.69	-701.46	262.31	-95.01	-147.59	-122.52	33.27	90.70	-81.41	-23.24	10.81	-109.65
PITCHRH_SIN		0.00	1659.69	-407.04	1017.44	-258.35	1094.46	-93.57	71.86	-697.87	-149.72	-304.17	60.93	-90.92	23.70	-67.22	118.27
ROLLRH_COS		2750.73	-862.74	831.49	-1246.00	-1022.93	-2095.97	210.47	82.93	509.06	-35.25	244.55	16.60	65.15	23.66	37.21	41.85
ROLLRH_SIN		0.00	-8877.16	-230.34	273.01	-908.17	136.92	-138.17	-18.99	-610.15	-59.93	-118.31	141.68	-110.16	83.86	43.53	118.59
TORQ_COS		103696.91	205.29	-39.24	-939.57	959.93	35.73	27.36	-16.94	79.29	-3.57	-19.63	-5.17	7.29	0.38	-7.27	2.40
TORQ_SIN		0.00	522.94	-49.54	-11.29	41.81	104.87	39.22	85.60	-11.55	2.31	58.57	3.54	-1.21	11.32	0.12	-1.28
THRUST_COS		5703.95	-42.81	38.96	-95.00	-131.62	97.51	4.05	15.54	-52.17	-11.84	-8.97	-1.21	2.35	-13.26	-14.42	-15.88
THRUST_SIN		0.00	-34.84	4.18	177.71	10.92	-104.79	11.94	26.36	7.68	-7.00	57.59	5.65	13.63	-1.12	-7.55	-29.92

RUN	POINT	Harmonics															
57	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-140.75	44.90	-22.46	-41.03	181.06	70.76	-20.49	-4.52	-9.40	2.49	-10.25	-1.66	-2.68	-0.77	0.01	-0.38
SIDERH_SIN		0.00	240.23	1.05	47.48	6.06	-58.89	2.32	-2.72	18.77	1.95	-0.90	-4.14	3.41	-2.56	-1.60	-2.98
DRAGRH_COS		-24.53	241.08	8.74	12.05	8.42	13.23	2.04	-4.16	14.37	21.49	-5.92	-5.57	5.58	0.73	-0.56	6.73
DRAGRH_SIN		0.00	-43.63	10.56	-25.13	7.47	-22.03	28.20	1.25	-15.23	10.45	15.19	-1.24	1.82	-4.09	2.93	-6.49

RUN	POINT	Harmonics															
58	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.51	0.04	0.07	-0.13	-0.07	0.61	0.00	0.04	-0.02	0.00	0.00	0.04	0.02	-0.01	-0.01	0.06
FLAP1C_SIN		0.00	0.42	0.10	0.03	-0.03	0.66	-0.04	0.01	0.02	-0.01	-0.01	0.00	0.01	0.02	0.01	-0.01
ACT1DISP_COS		2.62	0.00	-0.01	0.01	0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	-0.05	-0.01	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-14.40	1.20	1.64	-4.35	-1.87	-5.67	-0.18	0.93	-0.28	-0.04	0.12	1.22	0.64	-0.41	-0.31	1.80
ACT1FORCE_SIN		0.00	12.06	2.20	1.75	-0.17	7.74	-1.47	0.40	0.40	-0.30	-0.24	0.01	0.25	0.46	0.25	0.52
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		402.59	-0.05	-0.06	0.01	0.43	194.81	-0.03	-0.07	0.02	0.02	0.20	-0.02	-0.09	-0.10	-0.03	0.04
FA1IBVOLTAGE_SIN		0.00	0.04	0.03	-0.09	-0.14	65.52	-0.18	0.07	-0.03	0.00	-0.16	0.15	0.06	-0.06	-0.13	0.60
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		403.11	0.05	0.07	0.00	-0.44	-195.43	0.06	0.07	-0.02	-0.01	0.24	0.02	0.10	0.09	0.03	-0.05
FA1OBVOLTAGE_SIN		0.00	-0.04	-0.02	0.08	0.12	-65.06	0.19	-0.07	0.05	0.01	-0.23	-0.15	-0.07	0.05	0.13	-0.57
MRBLD1CB42P75_COS		-3936.26	-1888.21	-58.57	174.84	22.06	-42.64	13.79	-105.32	-9.42	23.51	9.74	-49.57	-17.06	-9.10	-27.07	-13.07
MRBLD1CB42P75_SIN		0.00	-171.93	-112.71	128.43	89.48	-158.63	65.25	-34.67	7.72	22.66	-62.59	-27.06	-18.09	-13.36	22.01	-23.90

RUN	POINT	Harmonics															
58	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2797.65	-1011.05	302.67	96.96	111.54	27.69	11.70	-90.20	-27.72	21.91	26.84	-31.52	-10.70	-3.68	-14.86	-12.85
MRBLD1CB70_SIN		0.00	-123.33	-126.99	129.69	240.15	-95.23	59.43	-38.36	21.65	22.49	-38.47	-16.64	-6.08	-5.75	9.56	-17.41
MRBLD1CB120_COS		-552.13	-315.41	453.78	69.71	155.39	74.12	61.53	-44.42	-33.25	-14.20	3.66	37.54	8.30	2.08	-0.64	7.82
MRBLD1CB120_SIN		0.00	-25.46	-161.31	55.14	200.92	-51.71	42.85	-29.77	9.77	-12.17	49.62	11.87	8.82	7.33	-3.28	-7.19
MRBLD1CB164_COS		-1976.63	-89.48	144.13	-11.60	35.79	28.80	25.13	16.85	-10.64	-11.61	-14.35	35.20	8.04	-1.25	6.75	4.51
MRBLD1CB164_SIN		0.00	43.51	-50.78	40.03	85.45	42.55	3.42	-3.38	-4.16	-25.43	38.02	13.78	5.71	3.26	-2.74	16.37
MRBLD1FB42P75_COS		3079.26	231.12	-494.10	392.98	2.02	-202.82	144.13	-205.75	-2.90	-6.07	4.54	-7.68	-16.91	-4.44	13.03	-46.92
MRBLD1FB42P75_SIN		0.00	-27.01	-60.51	353.91	-217.16	-201.87	60.36	90.57	-15.94	-41.73	-26.31	-25.91	-25.01	-5.09	72.53	-29.26
MRBLD1FB70_COS		399.80	-90.35	-253.74	87.39	-15.42	-55.82	35.25	-34.00	0.40	-0.09	-2.22	-2.49	0.76	0.85	-0.36	10.35
MRBLD1FB70_SIN		0.00	-144.22	-13.91	113.83	-64.75	-62.36	14.07	14.30	2.31	2.60	1.30	2.97	2.96	1.03	-14.74	6.83
MRBLD1FB87_COS		-81.53	-47.38	-199.17	24.74	-24.16	-24.08	-10.35	18.10	3.76	5.32	5.73	8.73	5.59	1.11	-3.32	8.05
MRBLD1FB87_SIN		0.00	-126.34	21.40	94.10	-13.80	-2.42	-4.09	-11.43	-3.54	5.94	7.87	4.45	6.85	3.52	-12.69	7.26
MRBLD1FB120_COS		-454.99	-40.26	-282.82	13.50	-16.85	40.24	-34.74	51.11	-1.85	-1.63	-4.37	-6.18	-3.93	0.88	4.55	-11.93
MRBLD1FB120_SIN		0.00	-130.68	43.16	148.42	39.75	84.31	-12.35	-13.50	1.62	-5.63	-8.67	-4.48	-7.26	-7.27	16.43	-11.35
MRBLD1FB164_COS		-147.96	-11.79	-400.99	107.66	59.41	51.06	61.50	-65.38	6.25	10.16	6.18	9.92	8.04	-1.03	-2.62	10.82
MRBLD1FB164_SIN		0.00	-217.85	9.34	146.43	106.93	-17.42	-27.91	3.77	-3.71	15.14	13.35	2.86	2.67	2.11	-5.90	10.59

RUN	POINT	Harmonics															
58	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-211.88	-9.33	-237.34	80.34	68.98	-8.94	53.07	-64.05	1.47	10.10	12.94	16.74	2.86	1.63	5.78	-8.71
MRBLD1FB180_SIN		0.00	-169.79	-7.44	51.47	56.68	-56.55	-21.71	1.74	-23.39	-2.74	11.24	0.79	-2.27	-3.75	19.90	-19.84
MRBLD1TOR51_COS		-1457.17	34.18	-28.44	83.24	-22.85	3.86	4.24	-12.58	0.43	1.60	1.73	6.55	5.93	-1.20	-5.34	7.09
MRBLD1TOR51_SIN		0.00	-104.08	-28.48	53.75	1.70	-267.25	40.11	18.52	10.45	-3.77	-3.53	-3.51	1.47	3.20	4.53	-3.34
MRBLD1TOR71_COS		-304.56	45.50	-34.31	61.21	-24.84	7.44	0.82	-2.59	-0.91	-0.84	-0.27	7.00	5.34	-0.49	-3.17	7.20
MRBLD1TOR71_SIN		0.00	-104.86	-27.77	25.88	-0.38	-236.98	32.64	20.41	9.65	-2.84	-0.84	-1.35	3.00	3.28	2.41	-1.71
MRBLD1TOR130_COS		-65.81	38.31	-10.14	48.05	-18.95	-5.12	3.35	-7.49	-0.85	-0.93	-0.57	1.14	0.01	-1.37	-1.82	-1.44
MRBLD1TOR130_SIN		0.00	-99.38	-24.28	6.01	16.78	-194.66	24.74	15.44	8.17	-0.29	1.59	-1.56	-0.34	0.53	-0.11	0.11
MRBLD1TOR164_COS		-250.57	25.29	54.70	17.20	-12.65	-24.77	-3.23	-5.82	0.52	4.10	1.98	0.09	-1.57	2.84	-1.60	-4.24
MRBLD1TOR164_SIN		0.00	-60.35	-13.19	-29.13	-4.87	-129.84	18.62	8.49	-0.35	0.21	3.77	1.47	0.11	0.06	1.63	-4.84
MRFBM2CB26P5_COS		-2027.42	-161.51	59.45	-59.37	-44.54	-0.38	2.13	6.75	-1.89	-1.34	-2.53	0.82	1.25	0.13	-0.41	2.39
MRFBM2CB26P5_SIN		0.00	-825.71	-25.64	-44.85	7.51	-37.74	2.39	-6.24	-5.36	0.92	-5.09	1.92	0.77	0.37	4.36	-1.80
MRFBM2FB9_COS		340.54	73.24	-207.72	-16.56	23.50	12.66	10.84	-9.21	0.75	-0.23	-0.20	-1.81	-0.51	-0.44	-0.66	0.57
MRFBM2FB9_SIN		0.00	61.28	91.47	136.62	12.24	19.36	-8.73	5.44	1.10	1.10	1.06	0.93	-0.89	-0.39	-2.97	1.29
MRFBM2TOR26P5_COS		-421.62	101.63	1.14	-0.02	0.18	0.82	-0.59	-0.18	0.07	0.04	-0.09	-0.08	-0.07	-0.04	0.17	0.07
MRFBM2TOR26P5_SIN		0.00	68.30	0.83	-1.04	0.58	-1.96	-0.57	0.16	-0.06	0.00	0.07	-0.04	0.00	-0.01	-0.10	0.15

RUN	POINT	Harmonics															
58	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-1223.48	-1738.28	-153.89	208.95	-11.99	-63.43	32.34	-87.95	1.53	13.35	0.02	-25.98	-8.03	-4.84	-23.70	-7.02
MRPC1CB33P25_SIN		0.00	-102.74	-78.88	80.80	-14.35	-142.76	58.01	-18.15	-4.32	3.46	-37.77	-16.36	-13.94	-9.20	23.93	-24.80
MRPC1FB33P25_COS		2234.77	179.06	-378.65	256.64	56.16	-109.82	95.63	-196.52	5.64	20.43	23.64	10.33	5.97	1.23	-55.72	-1.38
MRPC1FB33P25_SIN		0.00	103.98	-114.78	370.12	-168.13	-208.98	91.44	-14.00	-13.83	-33.35	-16.91	-21.65	-28.81	-6.91	54.72	-58.78
MRPC1TOR25P5_COS		-738.37	-11.61	19.77	-95.18	33.98	-19.90	-7.44	3.41	-2.74	-1.00	-0.10	-9.67	-8.11	1.37	-4.42	-9.35
MRPC1TOR25P5_SIN		0.00	168.15	-9.74	-30.29	6.55	285.54	-38.26	-22.95	-12.63	4.52	1.39	1.82	-5.17	-6.32	-1.65	-5.99
MRPLK1LOAD_COS		-70.71	9.90	3.78	-11.55	4.03	-1.82	-0.98	0.83	-0.23	0.28	-0.20	-0.91	-1.13	0.14	-0.73	-0.93
MRPLK1LOAD_SIN		0.00	-6.14	1.42	-5.82	0.72	38.46	-5.85	-2.85	-1.84	0.57	0.60	0.01	-0.68	-1.09	-0.73	-1.02
PITCHRH_COS		8425.21	-8515.91	-632.00	-86.37	-21.63	-124.66	54.01	5.76	-67.88	-44.81	166.88	-82.22	67.40	12.70	62.65	-345.01
PITCHRH_SIN		0.00	2168.51	-588.50	10.71	227.90	-1299.61	70.12	-144.83	-34.41	84.10	-279.04	-33.37	-38.45	-4.76	26.23	170.26
ROLLRH_COS		1961.79	-1895.46	585.31	-43.61	0.31	1642.18	52.35	-96.36	123.59	-50.32	63.96	22.41	35.63	-25.40	36.04	-450.40
ROLLRH_SIN		0.00	-8550.86	-838.05	-53.42	418.32	-87.02	-212.27	48.45	-36.16	-7.31	32.11	-79.99	38.71	-53.73	-0.97	-338.61
TORQ_COS		31325.72	227.52	7.70	-27.18	-21.05	56.42	1.57	-10.09	-11.41	-1.06	31.68	2.77	1.33	-0.33	-9.13	7.36
TORQ_SIN		0.00	441.74	-7.53	16.94	-5.24	158.63	10.71	21.46	19.35	-4.21	13.54	4.57	-4.82	5.65	-6.80	11.84
THRUST_COS		5914.21	0.53	7.10	-8.22	4.51	53.53	-1.73	-1.80	1.09	-1.83	-5.43	4.20	-0.98	0.73	-4.60	6.34
THRUST_SIN		0.00	-75.28	0.99	11.48	13.48	109.51	3.66	10.19	1.91	1.19	4.27	-4.31	0.19	0.44	-4.03	26.02

RUN	POINT	Harmonics															
58	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-164.77	27.54	-12.75	-1.79	-91.58	-122.66	1.15	3.79	-3.01	1.89	-1.87	-1.54	-0.99	0.81	-0.73	13.74
SIDERH_SIN		0.00	237.54	15.41	-3.39	-77.68	52.55	8.73	1.77	2.18	-0.04	-2.87	5.02	-1.27	1.91	0.42	9.46
DRAGRH_COS		-266.47	234.02	10.80	2.71	-11.38	154.50	-10.05	4.87	5.25	3.74	-3.23	8.40	-2.44	-0.19	-4.35	15.14
DRAGRH_SIN		0.00	-66.58	13.21	1.61	16.22	-65.57	-22.83	-10.53	-0.99	-7.79	28.94	0.75	2.61	-0.86	-0.89	-9.86

RUN	POINT	Harmonics															
58	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.44	0.01	-0.03	-0.10	-0.26	-0.06	0.15	-0.02	0.02	0.01	0.00	0.01	0.01	0.00	-0.01	-0.02
FLAP1C_SIN		0.00	0.49	0.07	0.03	-0.24	0.18	-0.28	-0.01	-0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.01
ACT1DISP_COS		2.62	0.00	0.00	0.01	0.03	0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	-0.01	0.00	0.03	-0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-20.53	0.40	-1.24	-3.78	-1.01	-1.46	4.61	-0.72	0.57	-0.08	0.23	0.17	0.34	-0.14	-0.32	-0.52
ACT1FORCE_SIN		0.00	14.40	1.55	0.98	-2.30	-0.62	2.33	-0.51	0.06	0.03	0.04	0.41	0.32	-0.06	-0.26	0.24
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	-0.02	0.03	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.56	-0.16	-0.11	0.02	-55.62	4.23	-15.32	0.09	0.26	-0.04	-0.01	0.02	0.06	-0.03	0.06	-0.04
FA1IBVOLTAGE_SIN		0.00	-0.21	-0.18	0.31	-27.10	48.11	-89.09	-0.16	0.21	-0.10	0.13	-0.04	0.06	-0.06	-0.04	-0.14
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.02	-0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.14	0.14	-0.02	55.76	-4.29	15.44	-0.10	-0.21	-0.02	0.14	-0.03	-0.04	0.03	-0.06	0.03
FA1OBVOLTAGE_SIN		0.00	0.22	0.18	-0.31	27.10	-48.20	89.27	0.14	-0.23	0.05	-0.04	-0.09	0.06	0.06	0.04	0.12
MRBLD1CB42P75_COS		-3796.35	-1563.67	47.07	170.24	-32.22	-59.91	-88.44	-3.76	30.98	53.33	22.09	-33.07	-9.87	21.29	41.13	-9.48
MRBLD1CB42P75_SIN		0.00	17.70	-82.63	69.55	69.92	3.58	19.04	76.82	-53.64	21.60	24.19	54.90	17.99	8.06	37.79	-0.98

RUN	POINT	Harmonics															
58	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2834.92	-863.89	331.19	83.03	20.21	12.63	-113.73	13.61	14.69	49.97	31.79	-9.18	-4.14	17.45	21.71	-10.36
MRBLD1CB70_SIN		0.00	26.92	-93.45	81.61	199.99	36.29	26.97	60.64	-37.27	17.89	-11.24	40.05	13.88	4.69	34.11	-8.19
MRBLD1CB120_COS		-539.65	-294.69	438.59	60.47	25.27	104.53	-84.43	38.86	-19.86	-15.40	6.37	13.44	5.31	-3.27	-2.63	-0.40
MRBLD1CB120_SIN		0.00	100.31	-139.10	15.62	219.24	36.05	26.65	43.81	13.13	-10.47	-8.85	-27.45	-3.48	0.82	1.31	-1.60
MRBLD1CB164_COS		-1957.07	-96.23	137.88	-24.07	-35.74	50.81	-5.71	18.30	-24.31	-28.41	-9.57	8.10	9.66	-1.64	-4.34	1.63
MRBLD1CB164_SIN		0.00	85.66	-50.75	19.41	86.77	31.52	2.16	-9.28	17.90	-17.75	8.90	-23.89	-0.07	-0.95	-26.68	1.09
MRBLD1FB42P75_COS		2997.33	166.96	-410.41	348.69	-199.52	8.52	-77.42	36.53	-45.48	-11.43	79.09	-0.54	27.32	58.19	127.40	-8.35
MRBLD1FB42P75_SIN		0.00	-21.53	-46.61	210.94	47.40	-7.59	97.79	159.08	-43.99	1.01	55.85	47.98	22.56	-19.96	-44.48	14.54
MRBLD1FB70_COS		408.02	-67.10	-207.56	78.71	-76.26	1.95	-15.72	18.23	4.95	6.41	2.32	-1.39	-3.51	-8.30	-27.63	-0.84
MRBLD1FB70_SIN		0.00	-152.84	-6.87	74.51	4.13	-5.58	23.46	32.61	-3.78	1.75	2.08	2.32	0.01	4.00	6.10	-5.27
MRBLD1FB87_COS		-72.89	-35.52	-173.69	8.85	-56.18	-7.95	-0.29	-4.26	10.47	3.73	-15.35	2.13	-4.60	-12.21	-25.37	2.81
MRBLD1FB87_SIN		0.00	-151.11	28.59	76.96	9.24	4.29	-2.17	-16.14	-0.97	-7.42	-15.83	-13.40	-5.39	4.11	11.29	2.06
MRBLD1FB120_COS		-443.38	-17.53	-253.40	-15.78	-16.35	-5.02	30.88	-24.60	-10.89	-8.22	3.02	1.77	6.56	14.86	38.85	-3.22
MRBLD1FB120_SIN		0.00	-192.16	49.52	126.39	15.14	11.95	-24.20	-44.85	11.03	6.85	5.40	2.55	1.48	-8.86	-18.82	-4.72
MRBLD1FB164_COS		-153.78	15.59	-342.96	95.28	215.63	32.09	4.48	26.46	10.29	12.02	-9.66	-3.68	-0.59	-4.60	-22.07	2.55
MRBLD1FB164_SIN		0.00	-302.59	39.48	97.94	55.89	-43.41	14.15	52.05	-12.91	-6.11	-10.92	-6.86	-3.91	-1.08	7.65	6.58

RUN	POINT	Harmonics															
58	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-212.13	-3.44	-199.65	62.83	177.97	22.00	-24.92	22.52	20.82	14.82	-26.59	8.33	9.10	14.57	47.99	-8.46
MRBLD1FB180_SIN		0.00	-221.61	17.88	28.33	32.86	-37.75	41.20	56.02	-17.56	-21.33	-31.16	-20.18	-3.72	-9.24	-25.11	-7.00
MRBLD1TOR51_COS		-1446.40	47.35	7.62	78.64	-5.86	17.26	-68.57	28.14	17.46	6.21	1.19	2.43	3.86	2.99	12.67	-2.98
MRBLD1TOR51_SIN		0.00	-127.20	-15.23	35.29	63.43	-24.96	-46.60	46.93	-12.41	-4.73	-8.95	-0.74	-0.66	-1.15	2.57	-3.73
MRBLD1TOR71_COS		-299.86	58.02	-3.27	60.33	3.16	17.35	-54.73	27.06	15.35	3.64	-0.66	3.98	4.27	0.90	5.73	-0.75
MRBLD1TOR71_SIN		0.00	-125.93	-15.92	16.24	51.66	-23.62	-41.85	39.04	-5.57	-3.13	-10.17	-2.84	-0.35	-0.86	2.28	-1.13
MRBLD1TOR130_COS		-61.41	52.46	17.59	51.93	23.28	12.94	-45.24	21.28	10.54	2.52	0.24	-4.93	0.08	1.47	-6.20	-0.89
MRBLD1TOR130_SIN		0.00	-119.83	-15.45	1.18	54.90	-16.83	-25.29	34.16	-2.97	0.74	3.38	3.06	4.23	3.00	3.74	3.43
MRBLD1TOR164_COS		-247.82	33.11	63.90	21.46	-4.43	3.01	-34.18	10.15	5.23	3.13	0.77	0.64	0.57	4.71	3.07	1.78
MRBLD1TOR164_SIN		0.00	-66.56	-12.02	-21.67	20.86	-4.35	-3.31	11.67	-3.56	-2.33	-1.07	0.45	2.02	3.22	7.54	1.74
MRFBM2CB26P5_COS		-1790.45	-195.50	16.50	-63.88	-28.61	-6.74	4.38	-1.86	1.88	-0.61	-3.19	-2.27	-0.07	-1.69	6.06	-0.03
MRFBM2CB26P5_SIN		0.00	-632.56	-8.34	-38.94	-6.46	-14.47	4.49	-1.09	0.88	1.97	9.92	-0.62	-2.20	-1.46	-4.99	4.32
MRFBM2FB9_COS		300.50	-20.18	-149.23	-7.29	7.71	3.99	4.80	3.34	3.15	0.02	-1.00	2.14	1.01	0.86	-2.43	0.17
MRFBM2FB9_SIN		0.00	-52.26	58.52	93.94	-19.03	-1.79	7.96	1.85	-2.64	1.39	-2.01	0.55	1.25	2.23	4.05	-1.19
MRFBM2TOR26P5_COS		-406.26	114.51	1.07	-0.24	0.67	0.35	0.46	-0.16	-0.13	0.03	0.01	-0.02	0.00	-0.02	-0.32	-0.04
MRFBM2TOR26P5_SIN		0.00	60.11	0.73	-0.87	0.60	-0.55	-0.75	0.05	-0.16	-0.14	-0.13	0.09	0.14	0.03	-0.17	-0.07

RUN	POINT	Harmonics															
58	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-919.51	-1445.83	-39.73	207.70	-47.73	-55.39	-54.49	-5.65	12.84	25.74	14.99	-23.57	-3.24	19.62	44.10	-8.28
MRPC1CB33P25_SIN		0.00	44.08	-55.56	32.67	7.52	-7.61	12.76	60.81	-44.57	8.94	36.04	35.71	15.27	8.94	32.56	1.85
MRPC1FB33P25_COS		2133.74	116.96	-328.75	247.13	-174.51	7.21	-93.45	-32.39	-16.57	-6.57	27.55	-30.06	2.65	52.41	111.29	-19.56
MRPC1FB33P25_SIN		0.00	112.91	-102.22	241.51	-3.43	-0.88	50.85	133.68	-54.76	-7.39	83.21	34.75	34.82	32.53	87.15	2.08
MRPC1TOR25P5_COS		-728.22	-22.33	-36.30	-84.58	1.62	-25.28	63.33	-33.46	-21.83	-6.56	1.05	-7.53	-6.07	1.46	-11.82	-1.99
MRPC1TOR25P5_SIN		0.00	168.76	-34.02	-18.08	-67.72	31.29	57.81	-49.44	7.50	5.85	13.48	6.32	3.72	3.30	15.72	9.04
MRPLK1LOAD_COS		-67.00	6.72	-2.25	-10.58	0.76	-3.33	9.59	-4.45	-2.83	-1.11	0.17	-1.35	-0.59	0.16	-3.12	0.16
MRPLK1LOAD_SIN		0.00	-3.28	-0.02	-3.61	-8.74	4.55	7.64	-6.24	1.31	0.42	1.87	0.17	0.55	0.51	2.50	1.79
PITCHRH_COS		9711.39	-8039.81	-475.04	-37.03	-67.93	-1147.62	41.91	-27.37	-2.38	-14.35	-50.17	-84.10	36.76	-10.21	16.25	545.22
PITCHRH_SIN		0.00	2097.55	-536.66	34.54	170.84	207.27	280.04	43.20	96.07	-71.49	-47.60	-67.65	-34.52	27.07	-2.35	210.26
ROLLRH_COS		1502.70	-1824.85	479.63	-27.63	4.87	227.90	8.07	-5.63	64.20	78.75	152.10	10.45	11.56	29.50	7.28	-486.34
ROLLRH_SIN		0.00	-7832.94	-679.72	-95.28	302.35	-67.69	-76.37	2.13	-72.18	28.41	17.72	-60.84	6.03	2.12	-4.72	773.97
TORQ_COS		35176.46	267.30	-1.98	-10.72	-91.18	201.62	-0.80	11.96	-22.02	-0.98	19.17	8.28	0.15	0.98	-6.01	-15.34
TORQ_SIN		0.00	620.53	-13.88	5.46	14.70	29.22	5.27	5.09	12.94	-5.53	-40.07	8.58	-5.67	3.36	-1.83	4.58
THRUST_COS		5691.97	-6.04	10.62	-10.03	20.30	-1.17	0.78	8.46	3.63	0.81	-22.17	6.64	-0.39	1.03	-4.03	17.60
THRUST_SIN		0.00	-79.38	-0.36	6.27	17.77	-0.91	3.09	1.53	-2.21	-0.78	-26.33	0.59	1.81	-0.92	7.98	-11.00

RUN	POINT	Harmonics															
58	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.40	36.10	-11.74	-1.60	-87.31	-2.85	0.09	-1.22	-0.38	-3.73	-8.36	-1.27	-0.40	-0.65	-0.43	13.80
SIDERH_SIN		0.00	184.92	13.52	-1.45	-68.47	-2.08	6.89	-1.09	2.06	-1.54	-0.82	3.42	-0.14	-0.64	-0.29	-21.86
DRAGRH_COS		-218.31	216.21	9.52	2.77	-7.55	28.09	-11.17	-0.66	-1.88	1.72	15.53	7.04	-0.76	0.38	-0.63	-25.00
DRAGRH_SIN		0.00	-65.09	13.30	0.01	21.03	2.96	-29.52	2.81	-1.79	5.68	7.18	3.13	1.31	-2.48	0.42	-6.66

RUN	POINT	Harmonics															
58	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.50	-0.10	-0.02	-0.10	-0.05	-0.02	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.35	0.04	0.01	-0.03	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
ACT1DISP_COS		2.62	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.98	-2.93	-0.80	-3.38	-1.56	-0.22	0.40	0.36	-0.06	0.02	0.23	0.28	0.09	-0.04	-0.03	-0.01
ACT1FORCE_SIN		0.00	12.40	0.80	0.92	-0.11	-0.70	-0.53	-0.47	-0.02	-0.02	0.07	-0.02	0.02	0.10	0.13	0.18
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.54	-0.12	-0.02	0.00	0.04	0.03	0.03	0.01	0.01	0.00	0.02	-0.01	-0.01	-0.02	-0.04	-0.02
FA1IBVOLTAGE_SIN		0.00	-0.05	0.01	-0.11	-0.06	-0.02	0.01	0.01	0.00	0.02	0.02	0.02	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.08	0.03	0.00	-0.03	-0.05	-0.03	-0.02	-0.01	-0.01	-0.01	0.00	0.01	0.02	0.03	0.02
FA1OBVOLTAGE_SIN		0.00	0.02	0.03	0.08	0.05	0.03	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	-0.01	0.01	0.01	0.01
MRBLD1CB42P75_COS		-3783.58	-1462.93	32.15	177.21	-35.61	-59.74	-46.66	-74.72	43.06	66.88	-6.29	-56.11	-12.11	17.24	43.60	-4.61
MRBLD1CB42P75_SIN		0.00	31.92	-62.25	81.10	65.50	-5.05	18.99	82.50	-39.79	8.44	-10.96	45.58	15.29	14.40	37.81	4.00

RUN	POINT	Harmonics															
58	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2834.69	-801.01	300.99	92.98	20.27	7.90	-83.47	-54.44	31.75	63.45	13.50	-26.07	-7.15	14.65	23.02	-2.41
MRBLD1CB70_SIN		0.00	37.14	-84.47	102.09	180.88	19.84	52.28	75.39	-19.74	3.96	-40.73	34.04	11.97	7.64	29.63	-3.49
MRBLD1CB120_COS		-545.23	-267.67	407.81	70.50	17.84	90.97	-70.25	-13.64	-17.74	-19.33	21.40	25.53	5.78	-0.53	-1.37	2.10
MRBLD1CB120_SIN		0.00	105.30	-139.56	36.53	200.43	30.71	49.57	43.02	17.49	-16.19	8.89	-22.58	-2.39	-1.46	2.55	-0.99
MRBLD1CB164_COS		-1954.73	-92.56	129.85	-18.25	-38.43	45.94	-16.41	20.24	-30.66	-38.04	1.41	20.55	8.65	0.86	-4.50	-2.42
MRBLD1CB164_SIN		0.00	84.25	-51.94	23.78	88.65	24.47	13.43	-11.28	10.83	-19.14	32.80	-18.66	0.96	-1.22	-24.11	-0.73
MRBLD1FB42P75_COS		2992.34	137.33	-397.09	375.63	-229.17	-21.39	-36.54	-118.61	-66.49	-31.33	53.58	-19.73	21.95	59.13	135.78	7.51
MRBLD1FB42P75_SIN		0.00	-16.41	-29.06	207.56	118.42	43.33	12.42	171.73	-44.72	-12.62	58.13	55.77	23.88	-9.68	-41.02	10.56
MRBLD1FB70_COS		410.99	-67.09	-197.82	89.87	-80.62	-5.70	-5.75	-9.08	3.59	6.03	1.17	-0.20	-2.57	-7.89	-28.62	-3.30
MRBLD1FB70_SIN		0.00	-151.54	1.47	71.84	24.44	3.93	5.02	37.85	-2.32	0.80	2.13	2.29	0.00	2.08	5.76	-4.32
MRBLD1FB87_COS		-69.65	-35.22	-163.47	16.66	-54.79	-10.88	-2.32	10.99	14.41	9.34	-7.19	7.56	-3.15	-12.18	-27.21	-1.07
MRBLD1FB87_SIN		0.00	-151.53	33.61	73.63	20.31	4.26	-2.06	-17.54	-0.72	-4.00	-15.38	-15.50	-5.58	2.18	11.44	2.68
MRBLD1FB120_COS		-441.05	-20.38	-240.38	-6.20	-8.71	-3.41	11.74	15.49	-11.16	-10.99	-0.62	-3.01	4.61	14.73	40.98	1.85
MRBLD1FB120_SIN		0.00	-193.05	54.26	121.15	21.86	-0.45	-5.13	-52.87	8.41	7.98	5.40	4.23	2.53	-5.65	-18.76	-5.95
MRBLD1FB164_COS		-158.16	32.14	-341.36	100.52	200.41	48.57	9.07	-30.18	7.62	16.68	-3.53	1.46	0.15	-5.73	-23.39	-0.16
MRBLD1FB164_SIN		0.00	-299.98	54.84	121.53	4.00	-43.08	-17.02	56.35	-8.92	-4.56	-10.86	-9.06	-4.07	-2.00	8.00	7.61

RUN	POINT	Harmonics															
58	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-216.37	13.52	-200.85	63.25	159.62	34.28	-20.24	-28.45	21.31	23.62	-10.04	16.65	4.02	12.69	51.99	0.08
MRBLD1FB180_SIN		0.00	-223.49	31.81	49.77	-7.95	-34.69	-0.29	60.36	-19.04	-17.00	-29.92	-25.71	-3.34	-6.85	-27.20	-11.48
MRBLD1TOR51_COS		-1450.78	65.26	-1.72	72.50	-27.82	-19.22	3.15	-4.52	8.65	6.60	1.73	4.87	1.20	3.36	14.21	0.95
MRBLD1TOR51_SIN		0.00	-111.34	-1.97	38.00	19.41	12.05	1.75	47.24	-4.33	-7.65	-9.34	-2.53	-1.92	-1.94	3.87	0.14
MRBLD1TOR71_COS		-303.14	73.85	-11.01	53.83	-15.67	-14.59	7.66	3.84	7.24	3.79	1.08	7.18	2.14	1.18	7.89	2.45
MRBLD1TOR71_SIN		0.00	-110.68	-4.25	18.62	9.31	9.79	3.03	40.72	1.38	-5.00	-9.20	-4.19	-1.30	-1.87	2.77	0.38
MRBLD1TOR130_COS		-65.06	70.54	9.83	44.11	5.55	-11.76	5.83	1.08	5.35	2.04	-0.75	-5.34	-0.13	0.83	-4.92	-1.21
MRBLD1TOR130_SIN		0.00	-103.99	-5.19	4.38	12.69	11.67	4.49	35.22	1.47	-2.02	2.56	1.24	4.39	3.67	2.81	0.28
MRBLD1TOR164_COS		-250.17	46.11	57.69	15.58	-17.01	-15.33	-3.73	3.57	4.71	3.36	1.29	-0.79	0.64	3.33	3.26	0.11
MRBLD1TOR164_SIN		0.00	-55.51	-6.65	-21.15	-0.72	12.95	8.12	14.81	-1.35	-2.02	-0.09	0.26	3.13	4.37	6.51	-0.57
MRFBM2CB26P5_COS		-1782.10	-189.90	17.96	-63.61	-27.12	-9.50	9.60	4.12	0.74	-0.71	-5.91	-1.67	0.49	-1.22	7.40	-0.81
MRFBM2CB26P5_SIN		0.00	-575.78	-16.20	-35.71	-6.05	-13.49	6.31	1.09	1.78	2.60	10.73	-1.48	-1.85	-1.77	-3.10	4.00
MRFBM2FB9_COS		290.00	-44.48	-140.24	4.63	2.59	8.76	1.01	-5.96	2.71	0.20	-0.31	2.08	0.60	0.52	-3.59	0.07
MRFBM2FB9_SIN		0.00	-86.87	71.74	98.71	-28.04	-5.99	5.50	5.43	-2.60	1.68	-2.73	2.12	1.32	2.66	3.85	-1.44
MRFBM2TOR26P5_COS		-406.35	114.24	1.16	-0.24	-0.08	0.01	-0.21	-0.09	-0.05	0.05	0.09	-0.04	-0.02	-0.01	-0.23	-0.04
MRFBM2TOR26P5_SIN		0.00	60.10	0.65	-0.79	0.31	-0.32	0.18	-0.04	-0.17	-0.16	-0.11	0.14	0.10	0.04	-0.16	0.06

RUN	POINT	Harmonics															
58	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-903.11	-1358.71	-48.45	211.09	-57.96	-59.05	-19.41	-63.22	17.10	30.88	-6.12	-39.20	-4.88	16.48	46.62	-3.59
MRPC1CB33P25_SIN		0.00	52.54	-34.36	36.99	11.64	-6.62	-0.09	58.30	-40.26	-1.72	16.86	30.26	13.59	14.02	35.03	6.61
MRPC1FB33P25_COS		2130.16	87.58	-321.80	270.09	-214.97	-29.69	-35.16	-158.06	-30.26	-14.90	6.94	-49.21	-1.84	44.38	112.71	-7.42
MRPC1FB33P25_SIN		0.00	115.75	-89.43	243.91	49.24	30.26	-4.55	82.55	-65.51	-27.65	68.91	27.61	31.61	40.85	95.47	12.92
MRPC1TOR25P5_COS		-722.63	-44.36	-26.22	-76.51	23.78	13.95	-12.39	-4.43	-11.67	-7.36	-2.40	-12.47	-2.79	-1.11	-10.98	-4.23
MRPC1TOR25P5_SIN		0.00	151.90	-50.00	-20.08	-18.43	-8.97	0.30	-51.42	-1.34	7.38	11.80	6.48	4.94	5.67	12.95	1.78
MRPLK1LOAD_COS		-66.21	4.28	-1.16	-9.66	3.60	1.83	-1.20	0.04	-1.45	-1.17	-0.22	-2.06	-0.16	-0.38	-2.66	-0.11
MRPLK1LOAD_SIN		0.00	-5.01	-1.85	-3.80	-2.31	-0.81	-0.40	-6.54	0.11	0.53	1.77	0.08	0.81	0.87	2.00	0.24
PITCHRH_COS		10305.80	-8052.87	-493.18	-39.12	-29.50	-679.67	43.20	-16.67	35.31	-13.42	-122.65	-66.81	45.50	22.81	8.90	535.53
PITCHRH_SIN		0.00	2070.58	-473.18	85.86	166.27	158.32	244.32	5.08	65.55	-138.43	-106.51	-47.22	-33.44	27.03	12.26	245.98
ROLLRH_COS		1371.15	-1827.82	429.58	-14.35	22.49	-559.46	-25.86	2.10	108.38	115.62	119.54	-1.41	17.38	10.28	13.14	-506.77
ROLLRH_SIN		0.00	-7857.41	-675.52	-88.17	198.16	-353.27	-63.55	-11.99	-84.19	9.35	7.47	-84.62	10.95	-27.03	-7.69	692.04
TORQ_COS		35417.37	268.58	-0.49	-8.10	-92.73	168.80	-1.14	-0.14	-18.99	0.94	25.61	7.29	-2.23	-0.14	-7.07	-12.07
TORQ_SIN		0.00	617.26	-11.89	15.20	14.54	45.80	2.07	-3.69	13.47	-3.74	-44.36	7.36	-5.77	4.62	-3.46	0.12
THRUST_COS		5650.38	-9.76	9.75	-8.71	21.21	10.53	-2.27	0.15	3.30	-1.04	-12.22	5.54	-1.11	0.38	-5.26	3.74
THRUST_SIN		0.00	-81.44	3.50	3.50	18.74	-22.61	3.47	-1.40	-2.61	2.83	-31.53	-0.82	1.42	-0.99	9.20	-19.05

RUN	POINT	Harmonics															
58	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.61	37.62	-11.07	-0.82	-83.99	51.95	2.07	-1.72	-1.13	-5.18	-7.45	-0.25	-0.62	-0.14	-0.54	13.94
SIDERH_SIN		0.00	190.65	12.32	0.49	-46.97	-41.68	7.09	0.13	1.78	-0.12	-0.34	4.60	-0.14	0.51	-0.18	-20.07
DRAGRH_COS		-213.48	216.36	9.05	1.74	-5.12	13.11	-16.55	2.46	-1.16	0.21	21.80	6.01	0.48	-1.39	-0.05	-24.79
DRAGRH_SIN		0.00	-64.67	12.47	0.32	25.34	24.51	-26.43	1.83	-0.40	8.64	12.43	1.81	0.83	-2.23	0.33	-8.18

RUN	POINT	Harmonics															
61	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.50	-0.12	-0.04	-0.11	-0.06	-0.02	0.00	0.02	0.01	0.01	0.00	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN		0.00	0.41	0.03	0.02	-0.04	-0.03	-0.02	-0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.60	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-31.90	-3.72	-1.21	-3.35	-1.92	-0.48	0.11	0.80	0.19	0.20	0.18	0.36	0.14	0.07	0.06	-0.11
ACT1FORCE_SIN		0.00	14.22	0.42	1.14	-0.29	-0.80	-0.67	-0.40	-0.03	0.09	-0.06	0.15	0.15	0.06	0.02	0.10
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.64	-0.14	-0.03	0.00	0.06	0.06	0.04	0.01	0.00	-0.01	0.01	-0.02	-0.02	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN		0.00	-0.05	-0.03	-0.10	-0.09	-0.03	0.00	0.03	0.02	0.02	0.02	0.02	0.01	0.01	-0.01	-0.03
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.11	0.02	0.01	-0.05	-0.06	-0.04	-0.01	-0.01	0.01	-0.01	0.02	0.01	0.02	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.03	0.03	0.09	0.06	0.03	0.00	-0.04	-0.02	-0.03	-0.01	-0.02	-0.01	-0.01	0.01	0.03
MRBLD1CB42P75_COS		-4733.58	-1562.42	31.33	253.91	-4.66	-90.54	-50.49	-168.49	29.27	34.67	34.21	11.68	0.59	2.87	-33.67	-7.45
MRBLD1CB42P75_SIN		0.00	34.65	-44.07	46.37	153.66	29.81	32.41	-0.37	-57.08	-14.39	-98.81	43.28	12.64	9.61	50.60	-17.34

RUN	POINT	Harmonics															
61	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2783.27	-971.21	289.69	164.80	48.55	-85.68	-49.21	-107.68	19.93	35.03	9.45	12.84	3.54	5.78	-22.52	-7.31
MRBLD1CB70_SIN		0.00	32.88	-74.43	82.11	283.25	82.91	55.81	26.58	-38.94	-10.12	-77.27	21.40	6.31	4.48	40.23	-19.12
MRBLD1CB120_COS		-465.24	-396.35	410.61	157.39	50.12	-33.57	-18.73	-17.38	-37.46	-10.30	5.68	3.18	5.71	7.28	-5.79	-2.35
MRBLD1CB120_SIN		0.00	102.50	-160.65	7.76	248.15	101.63	48.86	30.72	2.21	-6.82	54.39	-16.13	0.30	0.99	-3.79	-8.74
MRBLD1CB164_COS		-1960.11	-127.59	129.15	36.66	-18.77	-6.09	15.96	46.92	-36.46	-20.97	5.19	2.17	5.18	0.04	17.98	2.11
MRBLD1CB164_SIN		0.00	82.36	-58.27	14.71	99.99	44.60	5.53	6.54	5.55	-14.69	59.16	-7.23	3.09	-1.89	-21.80	17.08
MRBLD1FB42P75_COS		3016.80	255.37	-389.96	544.86	-171.53	-48.20	-89.92	-338.28	-117.02	-48.99	63.44	53.22	33.48	33.54	35.50	-61.74
MRBLD1FB42P75_SIN		0.00	-24.81	14.42	86.30	37.45	110.21	51.05	107.95	-57.52	-72.77	-106.13	16.08	-6.10	0.27	125.54	-5.16
MRBLD1FB70_COS		393.00	-3.46	-178.35	148.89	-60.28	-12.89	-8.02	-47.13	-2.89	3.30	0.37	0.31	-1.87	-5.85	-5.22	14.56
MRBLD1FB70_SIN		0.00	-198.75	27.92	22.11	2.28	17.48	12.96	24.98	-3.63	1.39	1.93	3.09	4.82	1.41	-27.38	0.34
MRBLD1FB87_COS		-97.22	23.02	-149.80	47.30	-53.51	-21.08	-2.92	31.22	16.19	9.53	-8.92	-10.36	-4.42	-5.62	-10.49	7.47
MRBLD1FB87_SIN		0.00	-193.72	52.40	51.93	7.53	4.35	-2.71	-10.82	4.05	8.44	23.47	-5.25	1.52	2.61	-22.39	2.54
MRBLD1FB120_COS		-477.02	22.99	-233.05	15.18	-15.40	-0.14	11.72	68.30	6.57	-6.33	-4.36	1.14	2.58	6.77	11.96	-12.29
MRBLD1FB120_SIN		0.00	-229.27	100.13	120.40	34.97	-11.36	-25.53	-38.11	7.64	0.93	-8.16	0.87	-7.07	-5.73	34.31	-3.48
MRBLD1FB164_COS		-261.24	76.05	-320.61	89.76	163.77	63.32	3.93	-100.47	-12.50	5.39	1.08	-2.76	-2.15	-1.07	-3.28	4.82
MRBLD1FB164_SIN		0.00	-350.54	112.49	132.89	47.18	-29.29	21.84	42.07	-12.97	-0.68	15.81	-5.17	0.85	3.33	-16.05	3.44

RUN	POINT	Harmonics															
61	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-274.04	23.04	-174.84	46.28	126.90	52.36	-18.50	-97.84	6.63	6.13	-29.23	-13.12	10.07	12.08	9.50	-16.46
MRBLD1FB180_SIN		0.00	-264.98	70.81	60.26	19.75	-18.85	30.53	50.14	-21.47	-9.33	48.39	-6.91	-12.09	-14.54	40.27	-2.88
MRBLD1TOR51_COS		-1519.93	85.42	5.11	102.08	-8.64	-34.00	-2.30	-39.91	5.79	2.95	-10.75	-0.42	4.80	4.79	-4.62	-3.44
MRBLD1TOR51_SIN		0.00	-158.34	9.07	31.36	27.24	18.71	4.84	33.09	-5.47	-9.01	-2.41	-4.79	-0.31	1.06	11.11	-5.59
MRBLD1TOR71_COS		-323.95	101.35	-4.54	75.09	1.12	-21.89	4.63	-20.63	6.57	1.24	-11.83	-1.11	3.78	5.05	-3.89	-2.26
MRBLD1TOR71_SIN		0.00	-154.85	4.72	13.90	15.98	14.22	6.43	35.00	2.48	-3.58	3.15	-4.08	-1.31	-0.31	5.27	-2.53
MRBLD1TOR130_COS		-83.29	90.35	16.17	50.76	18.20	-15.00	3.07	-21.45	3.82	1.97	6.09	1.30	1.18	-0.09	-3.80	0.13
MRBLD1TOR130_SIN		0.00	-142.79	-0.72	3.61	18.96	15.80	8.45	26.09	-0.11	-2.15	3.86	8.73	2.86	0.59	-3.92	3.68
MRBLD1TOR164_COS		-264.96	48.51	63.60	14.35	-3.82	-17.87	-4.68	-3.56	5.13	2.25	-0.31	1.32	3.18	3.00	-5.78	-1.73
MRBLD1TOR164_SIN		0.00	-79.41	-10.36	-21.16	0.02	15.03	9.91	17.27	1.41	-1.63	4.88	4.95	1.74	-0.42	-0.38	-0.35
MRFBM2CB26P5_COS		-2046.15	-197.46	9.82	-69.24	-20.75	12.56	4.69	1.20	3.23	-3.80	7.08	-1.43	-1.71	0.15	1.04	-2.06
MRFBM2CB26P5_SIN		0.00	-561.37	-13.04	-30.94	3.83	0.13	-0.31	-9.27	6.44	0.94	-2.57	2.36	-1.05	-1.07	3.90	-1.07
MRFBM2FB9_COS		241.16	26.11	-120.48	47.64	15.31	12.11	4.42	-8.23	-0.46	2.52	-2.61	0.43	1.43	-0.36	-2.01	1.21
MRFBM2FB9_SIN		0.00	-120.10	72.39	118.93	-8.07	-10.52	6.60	14.11	-5.17	0.80	1.82	-1.06	0.01	0.95	-3.95	1.30
MRFBM2TOR26P5_COS		-420.10	121.63	1.08	0.00	0.26	-0.35	-0.27	-0.12	-0.11	0.06	-0.17	0.08	0.02	-0.01	0.19	0.16
MRFBM2TOR26P5_SIN		0.00	41.40	0.10	-0.87	0.50	-0.52	0.17	-0.22	-0.24	0.01	0.06	-0.15	0.07	-0.01	-0.20	0.04

RUN	POINT	Harmonics															
61	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-952.04	-1406.62	-41.80	263.02	-27.53	-63.24	-35.40	-146.14	7.03	16.64	35.40	11.05	5.12	6.18	-31.49	-8.80
MRPC1CB33P25_SIN		0.00	73.64	-23.88	-3.80	63.32	12.38	13.97	-8.68	-52.84	-21.58	-60.10	33.22	10.34	10.07	46.04	-18.88
MRPC1FB33P25_COS		2250.35	185.83	-332.35	425.35	-151.45	-72.10	-88.41	-302.29	-58.96	4.08	105.26	27.70	27.46	20.83	-91.41	-30.57
MRPC1FB33P25_SIN		0.00	149.52	-52.23	172.46	1.79	78.35	5.76	-54.34	-98.43	-78.30	-43.14	44.42	18.58	27.02	105.60	-57.94
MRPC1TOR25P5_COS		-716.59	-66.82	-43.82	-95.16	4.53	26.98	-7.42	27.33	-8.24	-0.24	21.35	3.16	-4.28	-1.82	-15.60	-2.74
MRPC1TOR25P5_SIN		0.00	228.03	-44.67	-6.05	-18.11	-9.55	-1.12	-39.66	-1.93	6.79	-2.25	14.69	1.75	1.56	-3.96	0.38
MRPLK1LOAD_COS		-73.27	-2.83	-3.36	-12.14	0.90	4.09	-0.45	5.15	-0.84	-0.36	2.98	-0.15	-0.73	-0.34	-3.12	-0.39
MRPLK1LOAD_SIN		0.00	0.28	-3.43	-2.65	-3.50	-1.72	-0.58	-5.04	0.06	0.65	0.30	2.25	-0.04	-0.04	-1.92	0.48
PITCHRH_COS		9901.63	-7988.35	-926.87	-62.20	-10.46	-709.71	-135.59	14.89	13.28	-17.52	20.00	-116.73	16.75	-25.25	17.68	-352.48
PITCHRH_SIN		0.00	1553.76	-776.92	105.44	36.11	273.99	213.40	122.84	-51.99	-63.83	-196.57	-43.06	8.89	81.25	-8.93	365.21
ROLLRH_COS		2357.99	-1337.80	798.51	-0.14	-395.49	-384.21	-196.09	-40.25	74.71	49.21	290.23	-15.66	-14.79	68.28	-39.76	-791.44
ROLLRH_SIN		0.00	-7764.82	-1109.85	-26.16	332.55	-2.11	-254.58	39.79	1.03	2.29	-87.16	-91.85	51.03	25.81	7.38	-344.37
TORQ_COS		31228.15	179.16	-6.12	2.12	-115.50	100.45	2.48	39.44	-21.67	-0.98	-8.31	5.06	4.00	0.37	-1.48	3.78
TORQ_SIN		0.00	719.42	-17.78	10.65	-127.06	55.77	-2.63	22.63	0.14	-4.08	-1.91	2.92	-8.84	7.51	-11.19	-23.42
THRUST_COS		5750.90	3.77	8.85	0.42	23.39	31.42	8.26	23.51	-3.07	-4.14	-29.30	3.73	1.42	0.02	-0.61	26.48
THRUST_SIN		0.00	-140.49	1.64	4.77	37.77	-48.99	1.13	0.61	-0.80	0.35	23.06	-4.80	-1.64	-2.08	-18.40	33.56

RUN	POINT	Harmonics															
61	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-148.67	38.85	-18.82	-1.12	19.94	18.32	13.77	-1.28	-1.07	-2.55	-11.67	0.86	0.61	-2.13	0.60	22.62
SIDERH_SIN		0.00	186.78	22.24	2.75	-105.77	-35.47	14.95	-1.68	0.41	0.99	4.19	4.98	-1.57	-0.47	-0.17	10.06
DRAGRH_COS		-184.53	216.81	19.62	1.15	-13.34	20.76	-8.70	-3.73	1.07	0.12	6.36	8.04	-1.69	0.87	-2.57	14.93
DRAGRH_SIN		0.00	-59.00	16.14	0.64	5.61	5.81	-36.92	5.26	6.24	2.67	10.37	-3.08	1.08	-3.40	-1.18	-15.21

RUN	POINT	Harmonics															
61	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.50	0.00	0.00	-0.10	-0.10	0.33	0.03	0.05	0.00	0.01	0.00	0.03	0.01	0.00	-0.01	0.03
FLAP1C_SIN		0.00	0.53	0.06	0.05	0.01	0.59	-0.06	0.02	0.02	0.02	0.00	0.02	-0.01	0.00	0.02	0.03
ACT1DISP_COS		2.60	0.00	0.00	0.01	0.01	-0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	-0.01	-0.01	0.00	-0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.93	0.24	-0.26	-3.41	-2.49	-8.02	0.93	1.39	0.12	0.33	0.39	0.70	0.21	-0.08	-0.07	0.81
ACT1FORCE_SIN		0.00	15.69	1.29	2.15	0.92	4.04	-2.00	0.74	0.60	0.39	-0.02	0.69	-0.07	-0.09	0.29	1.31
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.61	-0.18	-0.05	-0.02	0.19	154.61	0.12	-0.06	0.01	-0.06	0.18	-0.13	0.00	-0.02	-0.06	-0.23
FA1IBVOLTAGE_SIN		0.00	-0.02	-0.03	-0.12	-0.12	86.16	-0.02	0.08	0.00	0.06	-0.05	0.10	0.03	0.00	-0.08	0.36
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.12	0.18	0.06	0.03	-0.20	-155.20	-0.09	0.07	-0.01	0.06	0.22	0.12	0.00	0.02	0.07	0.22
FA1OBVOLTAGE_SIN		0.00	0.02	0.04	0.12	0.11	-85.86	0.05	-0.08	0.00	-0.05	-0.11	-0.12	-0.03	0.00	0.07	-0.35
MRBLD1CB42P75_COS		-4641.67	-1473.24	45.74	212.99	-13.87	-35.68	-26.66	-104.73	2.09	52.73	25.82	-0.30	-8.96	1.68	-31.66	-6.63
MRBLD1CB42P75_SIN		0.00	-64.06	-54.41	70.96	243.48	-122.04	74.39	-121.53	-37.55	-2.82	-77.35	43.15	14.24	8.39	53.49	-20.79

RUN	POINT	Harmonics															
61	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2823.13	-918.78	328.44	109.48	43.74	-12.25	3.18	-64.44	-8.29	49.11	-11.59	6.06	-2.90	1.88	-26.39	-8.97
MRBLD1CB70_SIN		0.00	-30.78	-80.94	104.75	446.61	-49.39	131.59	-83.15	-23.51	-2.89	-51.09	23.29	4.42	3.12	39.33	-18.60
MRBLD1CB120_COS		-457.94	-378.31	458.61	109.24	106.55	0.69	55.34	-6.22	-34.17	-31.55	1.80	11.29	11.68	7.32	-8.05	-1.15
MRBLD1CB120_SIN		0.00	57.18	-157.11	30.27	411.13	-4.60	151.65	-21.77	4.86	-12.96	41.98	-10.80	0.12	0.72	-6.67	-6.38
MRBLD1CB164_COS		-1957.77	-118.28	141.11	21.44	18.81	-7.18	37.43	31.37	-25.91	-41.01	17.34	6.24	6.85	3.47	21.86	1.76
MRBLD1CB164_SIN		0.00	71.81	-55.49	28.51	172.23	40.61	45.01	20.12	0.78	-23.99	39.38	-3.78	8.11	-0.44	-22.09	16.37
MRBLD1FB42P75_COS		3005.47	233.13	-419.05	510.99	108.13	-181.97	16.69	-307.78	-95.52	-59.01	65.73	52.39	38.24	35.10	38.22	-58.96
MRBLD1FB42P75_SIN		0.00	0.39	5.26	222.59	31.37	-128.15	79.89	-85.95	-36.41	-40.25	-125.07	33.24	-3.43	-2.23	124.57	-13.02
MRBLD1FB70_COS		396.59	-0.20	-193.28	139.93	17.29	-45.94	12.85	-42.15	-1.92	3.13	-0.15	0.34	-2.20	-6.25	-7.10	13.37
MRBLD1FB70_SIN		0.00	-200.05	23.28	60.77	12.51	-48.92	21.56	-12.67	-0.45	2.24	2.03	2.02	4.49	1.50	-27.16	1.90
MRBLD1FB87_COS		-92.47	24.70	-166.31	45.53	-21.88	-31.73	-9.06	27.43	14.59	11.34	-9.41	-8.57	-5.13	-6.00	-10.58	7.07
MRBLD1FB87_SIN		0.00	-189.33	46.00	69.53	15.17	-0.36	-3.17	6.70	-0.80	2.87	26.41	-9.10	0.85	2.77	-22.64	4.38
MRBLD1FB120_COS		-465.69	22.68	-256.97	14.68	-22.77	20.07	-16.25	63.62	1.01	-7.27	-2.93	-1.59	2.73	8.33	12.57	-12.66
MRBLD1FB120_SIN		0.00	-209.04	88.86	144.00	33.80	60.67	-36.85	14.88	4.08	-2.07	-7.55	3.96	-6.49	-5.85	33.85	-6.60
MRBLD1FB164_COS		-245.43	53.08	-329.36	65.71	44.69	64.37	34.09	-87.54	-6.30	10.88	-0.01	-0.58	-0.30	-0.27	-1.71	7.69
MRBLD1FB164_SIN		0.00	-334.96	88.33	179.09	26.79	3.82	12.41	-30.62	-12.67	-3.15	18.83	-8.12	-0.23	3.53	-18.13	2.67

RUN	POINT	Harmonics															
61	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-259.21	5.51	-175.42	37.28	50.72	24.37	20.17	-83.86	9.95	10.14	-31.29	-10.00	9.49	13.88	8.82	-18.55
MRBLD1FB180_SIN		0.00	-260.26	52.46	79.11	9.01	-32.86	26.09	-22.24	-25.12	-25.90	49.53	-4.78	-6.38	-10.86	41.86	-4.88
MRBLD1TOR51_COS		-1516.75	70.49	0.63	84.79	-9.62	49.10	-24.92	-16.91	7.03	5.95	-11.38	1.98	4.82	4.37	-3.50	-0.30
MRBLD1TOR51_SIN		0.00	-169.69	-1.33	38.64	8.12	-188.40	26.04	-10.02	0.70	-8.08	-3.20	-4.22	0.23	0.97	11.49	-1.23
MRBLD1TOR71_COS		-323.32	86.80	-9.48	62.91	-7.97	54.42	-18.38	-5.03	8.04	3.49	-12.59	1.71	3.79	3.87	-2.72	0.62
MRBLD1TOR71_SIN		0.00	-165.02	-4.09	16.04	-7.33	-165.38	20.90	4.37	6.48	-4.21	1.97	-4.28	-1.00	-0.18	5.28	0.55
MRBLD1TOR130_COS		-81.20	73.91	13.47	42.18	-2.58	41.35	-9.26	-9.07	4.78	0.75	6.13	1.07	1.25	-0.35	-3.93	-0.75
MRBLD1TOR130_SIN		0.00	-152.92	-8.83	0.24	-3.29	-135.63	19.19	-1.63	3.93	-2.66	3.28	8.68	2.58	0.81	-4.20	1.64
MRBLD1TOR164_COS		-266.73	37.86	63.93	14.12	-2.32	7.60	-7.68	-2.53	5.21	3.16	-0.55	0.34	2.81	3.73	-6.27	-3.14
MRBLD1TOR164_SIN		0.00	-88.88	-13.34	-31.12	-4.54	-94.89	17.25	6.51	0.35	-4.10	5.37	4.14	1.29	0.92	-0.68	-6.37
MRFBM2CB26P5_COS		-2049.36	-172.16	13.57	-70.51	-49.37	22.71	12.45	4.21	4.32	-3.30	13.37	-1.69	-1.17	0.48	2.56	-1.06
MRFBM2CB26P5_SIN		0.00	-484.94	-7.77	-33.46	6.10	-18.01	-3.40	-12.77	4.88	1.79	-4.73	1.64	-0.14	-0.92	5.04	-1.64
MRFBM2FB9_COS		283.13	-32.16	-145.46	7.24	-0.96	16.33	11.19	-10.27	-2.35	2.82	-4.06	0.92	1.52	0.00	-2.13	1.17
MRFBM2FB9_SIN		0.00	-171.33	70.51	147.69	16.12	14.38	3.59	8.84	-5.63	-0.04	1.98	-0.67	0.00	1.11	-4.21	1.43
MRFBM2TOR26P5_COS		-415.47	124.42	1.28	-0.12	0.14	0.65	-0.52	-0.12	-0.07	0.08	-0.22	0.03	0.05	-0.02	0.29	0.11
MRFBM2TOR26P5_SIN		0.00	44.65	0.36	-0.74	0.80	-1.79	-0.65	-0.01	-0.21	-0.13	0.07	-0.09	0.08	-0.05	-0.15	0.12

RUN	POINT	Harmonics															
61	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-817.75	-1330.69	-34.85	238.86	-17.38	-42.30	-20.08	-97.99	-2.25	22.29	37.35	1.47	0.09	5.99	-29.94	-6.94
MRPC1CB33P25_SIN		0.00	-21.83	-31.85	18.24	91.23	-121.01	44.64	-100.72	-35.37	-15.09	-54.86	34.82	12.77	9.70	47.78	-21.71
MRPC1FB33P25_COS		2229.39	162.29	-355.41	374.70	76.67	-116.13	-9.09	-201.95	-53.63	-18.89	117.62	15.09	28.75	23.51	-88.67	-21.83
MRPC1FB33P25_SIN		0.00	167.19	-63.53	276.59	65.91	-144.50	65.53	-191.83	-72.06	-58.63	-53.23	56.09	23.27	26.70	108.21	-60.34
MRPC1TOR25P5_COS		-717.24	-48.32	-41.96	-78.96	12.32	-67.87	23.63	7.04	-11.47	-4.17	21.25	-0.70	-5.27	-2.22	-15.61	-4.85
MRPC1TOR25P5_SIN		0.00	229.13	-40.83	-13.97	11.73	201.25	-19.78	-0.60	-6.17	6.17	0.19	13.50	0.69	1.15	-4.42	-7.24
MRPLK1LOAD_COS		-72.46	0.66	-2.62	-10.27	1.37	-7.81	3.43	2.27	-1.13	-1.14	3.22	-0.36	-0.80	-0.55	-3.00	-0.54
MRPLK1LOAD_SIN		0.00	1.07	-2.09	-3.48	0.27	27.41	-3.51	1.09	-0.58	0.38	0.39	1.89	-0.44	-0.08	-2.07	-0.63
PITCHRH_COS		10767.92	-7845.51	-1139.72	-11.07	-62.23	404.75	-21.71	118.13	113.06	-160.97	-33.35	-89.02	5.26	62.76	3.12	-330.89
PITCHRH_SIN		0.00	1522.91	-943.18	115.99	100.41	-530.62	60.93	100.92	-185.21	-67.61	-106.05	-54.60	9.71	111.90	20.87	317.70
ROLLRH_COS		1594.12	-1289.11	945.01	-79.37	-445.77	301.63	-106.31	-191.80	172.46	96.28	305.22	21.61	-6.16	150.48	-95.24	-854.90
ROLLRH_SIN		0.00	-7665.86	-1279.21	-17.50	435.11	1110.82	-278.17	-3.09	112.73	-30.11	-38.56	-85.03	58.75	-29.09	-40.18	-218.61
TORQ_COS		31744.56	199.64	0.30	-16.77	-43.58	-13.71	8.04	21.59	-23.34	-7.05	-27.62	5.06	2.54	-0.95	-3.58	4.15
TORQ_SIN		0.00	722.98	-3.94	10.34	-102.28	129.58	8.82	53.02	4.81	-3.73	11.62	5.12	-10.74	6.38	-6.71	-13.12
THRUST_COS		5856.50	3.57	2.75	2.15	13.15	50.35	8.61	26.00	-10.02	-2.46	-41.07	3.13	1.34	-0.74	9.40	25.43
THRUST_SIN		0.00	-126.51	-7.22	15.01	31.84	77.53	2.09	15.93	1.12	0.21	26.89	-4.48	-4.83	-0.66	-14.11	35.44

RUN	POINT	Harmonics															
61	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-157.46	32.32	-18.82	2.69	14.24	-90.16	9.10	0.14	-4.79	-4.96	-11.87	-0.19	0.28	-4.77	2.15	23.95
SIDERH_SIN		0.00	182.45	25.18	1.34	-118.47	-101.86	18.55	3.35	-1.68	1.96	1.79	4.20	-1.86	1.31	1.35	5.63
DRAGRH_COS		-168.71	213.46	22.99	0.46	-5.18	185.30	-10.88	4.34	-3.32	10.15	4.86	5.75	-1.27	-2.67	-1.09	13.06
DRAGRH_SIN		0.00	-55.93	12.87	1.44	2.97	44.89	-27.28	2.06	12.03	3.85	8.94	-2.08	1.48	-4.49	-2.48	-12.60

RUN	POINT	Harmonics															
61	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.55	-0.50	-0.02	-0.18	0.10	0.01	0.04	0.03	0.00	-0.01	0.01	0.00	0.02	0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.58	0.20	0.30	0.04	0.27	-0.02	0.03	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.00
ACT1DISP_COS		2.59	0.06	0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	-0.02	-0.03	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.81	-2.31	-0.92	-4.57	-3.26	-4.85	1.07	0.22	0.08	-0.30	0.26	-0.18	0.16	0.09	0.32	-0.19
ACT1FORCE_SIN		0.00	12.37	0.99	1.54	2.86	-0.68	-0.40	0.86	0.39	0.14	0.41	0.23	0.67	0.14	0.16	0.14
FA1IBCURRENT_COS		-0.01	0.01	0.01	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.00	0.00	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.56	-71.12	10.89	3.62	46.52	55.48	-0.07	-0.11	0.07	-0.04	-0.14	-0.11	-0.19	-0.02	-0.06	-0.03
FA1IBVOLTAGE_SIN		0.00	62.41	34.40	54.65	-20.14	65.29	0.08	0.11	0.00	-0.13	-0.07	-0.08	0.07	0.01	0.10	-0.07
FA1OBCURRENT_COS		0.02	-0.01	-0.01	-0.02	0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.14	71.25	-10.99	-3.71	-46.77	-55.59	0.04	0.21	-0.01	0.10	0.22	0.11	0.18	0.02	0.06	0.03
FA1OBVOLTAGE_SIN		0.00	-62.55	-34.52	-54.74	20.24	-65.30	0.09	-0.06	0.07	0.04	0.09	0.08	-0.07	-0.01	-0.08	0.08
MRBLD1CB42P75_COS		-4693.99	-1577.88	-19.02	249.36	-117.42	-44.66	-52.35	-90.16	19.68	37.63	86.56	6.83	-6.82	4.47	-40.75	-6.11
MRBLD1CB42P75_SIN		0.00	-16.42	-36.61	89.80	65.78	-46.21	36.50	-33.49	-56.99	5.62	-63.49	45.05	17.99	10.42	43.39	-19.50

RUN	POINT	Harmonics															
61	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2796.82	-965.89	278.78	160.30	-115.62	-65.37	-40.89	-68.19	9.82	37.60	42.63	8.54	-1.21	9.56	-24.64	-5.51
MRBLD1CB70_SIN		0.00	0.82	-80.13	135.62	175.59	-9.78	87.67	-2.64	-39.78	9.91	-47.19	22.07	13.48	5.39	30.39	-20.61
MRBLD1CB120_COS		-467.74	-369.07	419.22	153.54	-67.03	-47.21	-10.96	-40.83	-36.79	-13.86	-22.00	5.05	10.26	5.79	-2.49	-2.26
MRBLD1CB120_SIN		0.00	81.48	-174.94	39.32	184.82	0.18	108.35	21.51	-3.08	-20.61	38.90	-15.01	-0.35	2.20	-5.04	-9.43
MRBLD1CB164_COS		-1963.50	-121.56	132.45	31.72	-51.73	-28.07	17.37	11.86	-32.78	-20.41	-15.90	4.72	9.55	0.25	18.39	0.56
MRBLD1CB164_SIN		0.00	79.91	-61.63	33.21	85.11	15.45	35.05	9.60	2.15	-32.81	37.51	-4.43	3.16	-2.13	-14.14	17.85
MRBLD1FB42P75_COS		3032.00	253.89	-441.20	512.15	24.08	-59.35	-88.99	-278.38	-124.39	-57.94	99.16	51.93	37.27	37.83	19.96	-64.09
MRBLD1FB42P75_SIN		0.00	-6.57	37.42	137.94	146.24	-22.05	53.71	50.62	-70.67	-86.33	-120.20	17.82	-6.31	4.17	122.11	-14.69
MRBLD1FB70_COS		401.57	-4.94	-200.02	140.63	-18.69	-15.38	-7.68	-34.74	-3.72	3.57	2.23	0.33	-2.50	-6.49	-1.65	14.66
MRBLD1FB70_SIN		0.00	-198.57	32.87	40.21	29.45	-20.75	15.46	12.88	-4.45	2.04	2.33	3.87	5.28	0.77	-25.59	3.06
MRBLD1FB87_COS		-90.58	20.68	-163.77	42.29	-34.55	-25.29	-3.93	25.70	18.18	11.64	-18.25	-9.09	-4.94	-6.98	-7.60	8.02
MRBLD1FB87_SIN		0.00	-191.40	52.45	62.20	20.82	-0.37	-4.23	-6.28	4.83	10.34	26.45	-5.97	0.90	1.20	-23.56	2.99
MRBLD1FB120_COS		-469.55	9.31	-243.75	6.44	-16.37	-6.62	9.80	52.20	4.65	-6.70	-3.08	-0.38	4.02	10.01	8.41	-12.96
MRBLD1FB120_SIN		0.00	-218.20	103.51	144.48	31.78	28.52	-30.05	-20.00	9.30	-0.72	-9.62	-0.28	-7.54	-4.51	34.71	-4.63
MRBLD1FB164_COS		-252.54	90.12	-338.66	82.12	81.29	59.42	7.18	-77.81	-10.10	9.97	-4.05	0.04	-0.56	-2.48	-1.93	6.16
MRBLD1FB164_SIN		0.00	-355.55	122.10	149.70	9.83	-16.19	25.59	21.06	-20.43	0.39	19.13	-5.08	-0.31	2.09	-18.00	0.47

RUN	POINT	Harmonics															
61	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-270.69	41.47	-189.22	45.74	65.52	43.87	-16.96	-77.84	10.49	18.22	-44.95	-10.98	14.17	18.87	8.39	-18.11
MRBLD1FB180_SIN		0.00	-275.69	75.90	58.95	1.54	-27.56	37.18	28.78	-26.35	-9.63	53.13	-6.26	-10.22	-13.43	40.04	-1.78
MRBLD1TOR51_COS		-1528.17	119.30	-8.89	115.00	-14.65	41.72	-20.01	-21.36	7.43	2.73	-11.94	-0.66	7.06	6.12	-6.17	-4.39
MRBLD1TOR51_SIN		0.00	-175.41	1.05	1.82	8.92	-52.71	1.64	26.41	-2.37	-4.33	-1.37	-4.88	2.33	2.95	13.11	-6.56
MRBLD1TOR71_COS		-331.02	133.61	-16.11	88.94	-5.19	46.00	-11.16	-7.87	8.10	0.75	-15.65	-1.75	5.56	5.79	-3.81	-3.20
MRBLD1TOR71_SIN		0.00	-170.43	-3.56	-16.88	-2.96	-44.90	2.32	30.42	6.07	-0.02	2.76	-4.08	0.89	1.31	5.90	-3.49
MRBLD1TOR130_COS		-89.73	124.08	7.88	64.82	4.28	40.21	-7.35	-10.64	4.87	1.76	6.97	-0.50	0.55	-0.35	-1.26	0.23
MRBLD1TOR130_SIN		0.00	-159.04	-9.88	-27.78	-4.79	-35.01	5.71	20.47	1.76	-1.79	5.44	9.47	3.28	0.10	-6.70	3.77
MRBLD1TOR164_COS		-272.80	74.08	63.87	26.31	-6.30	14.75	-8.17	-0.43	5.12	3.80	-0.96	1.51	2.42	2.37	-4.02	-0.49
MRBLD1TOR164_SIN		0.00	-91.39	-19.90	-45.90	-7.23	-25.44	7.31	14.37	2.21	-1.60	3.98	5.07	1.17	-0.41	-3.86	0.04
MRFBM2CB26P5_COS		-2063.56	-148.44	19.74	-73.91	-43.62	9.60	9.60	11.90	3.49	-4.33	8.98	-1.13	-1.41	-0.51	1.16	-2.09
MRFBM2CB26P5_SIN		0.00	-546.80	-28.35	-20.11	-12.34	7.79	-3.17	-9.97	6.35	1.30	-5.25	2.08	-2.01	-0.71	4.46	-1.71
MRFBM2FB9_COS		282.97	-20.26	-132.08	35.12	-10.51	4.39	6.43	-8.55	-0.35	2.98	-2.56	0.47	1.64	-0.45	-1.99	1.02
MRFBM2FB9_SIN		0.00	-101.95	92.62	108.91	-4.60	-1.67	7.28	12.48	-5.32	0.26	2.27	-0.90	0.27	1.01	-3.41	1.61
MRFBM2TOR26P5_COS		-416.85	124.66	1.01	0.33	-0.26	0.37	-0.23	-0.13	-0.13	0.08	-0.22	0.14	-0.02	0.02	0.14	0.11
MRFBM2TOR26P5_SIN		0.00	45.12	0.06	-0.86	0.35	-0.77	-0.23	-0.14	-0.25	-0.08	0.15	-0.11	0.10	-0.02	-0.13	0.04

RUN	POINT	Harmonics															
61	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-826.21	-1424.81	-97.81	259.76	-77.31	-24.37	-42.18	-84.05	2.56	18.49	71.53	7.85	0.85	6.61	-36.84	-7.45
MRPC1CB33P25_SIN		0.00	25.40	-6.48	15.49	19.67	-46.31	14.30	-34.73	-53.27	-15.44	-44.38	34.28	13.15	11.88	40.67	-21.64
MRPC1FB33P25_COS		2251.18	180.75	-375.75	390.95	-22.29	-48.03	-85.11	-233.57	-59.36	3.86	140.86	24.16	28.74	19.81	-97.53	-22.34
MRPC1FB33P25_SIN		0.00	164.80	-42.76	210.69	133.26	-30.71	10.48	-74.52	-110.88	-92.69	-30.61	46.41	22.06	32.00	87.71	-65.57
MRPC1TOR25P5_COS		-709.46	-101.25	-33.64	-109.94	7.34	-55.62	13.48	10.07	-10.49	0.31	26.03	1.26	-8.19	-4.64	-11.14	0.82
MRPC1TOR25P5_SIN		0.00	236.60	-42.24	28.59	3.01	59.19	2.47	-34.86	-6.07	0.39	-0.58	15.68	-0.48	-0.52	-13.94	-0.38
MRPLK1LOAD_COS		-71.71	-6.48	-1.72	-14.12	1.30	-6.60	2.23	2.68	-1.17	-0.32	3.38	-0.36	-1.30	-0.71	-1.80	0.01
MRPLK1LOAD_SIN		0.00	2.23	-2.57	1.55	-0.80	8.22	-0.09	-4.32	-0.34	-0.31	0.24	2.35	-0.40	-0.38	-3.79	0.26
PITCHRH_COS		10176.91	-7651.32	-1130.67	-77.29	-132.43	1.44	-144.74	-20.07	93.97	-19.65	-4.87	-54.17	-7.12	-17.74	-0.77	-385.27
PITCHRH_SIN		0.00	2013.49	-591.05	-103.09	-85.79	15.11	269.01	60.75	-59.94	-53.37	-214.55	-25.73	1.07	57.83	-48.10	247.86
ROLLRH_COS		1636.46	-1580.84	582.45	23.43	-653.92	-407.48	129.79	-172.02	81.29	90.32	302.02	19.21	-15.63	33.64	-21.66	-690.43
ROLLRH_SIN		0.00	-7441.60	-1381.66	-235.16	-325.97	808.56	-93.15	-64.75	78.01	-11.54	-82.21	-28.60	25.52	97.87	27.48	-421.43
TORQ_COS		31351.55	114.15	-10.39	45.99	80.58	26.43	8.14	-31.24	-21.50	-1.39	-16.36	3.39	2.08	1.83	-5.17	11.79
TORQ_SIN		0.00	584.20	-17.17	-62.63	173.22	61.10	4.08	35.47	-1.55	-3.05	9.25	4.28	-3.88	5.05	-12.76	-18.53
THRUST_COS		5925.18	41.68	6.01	-20.43	7.75	18.48	5.59	-2.91	-0.21	-4.61	-36.85	2.65	2.82	-1.53	-5.44	19.89
THRUST_SIN		0.00	-23.04	9.47	-14.54	-14.95	1.28	6.73	21.62	-3.68	0.24	33.69	-4.76	-0.76	-3.72	-18.28	36.98

RUN	POINT	Harmonics															
61	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-158.23	49.45	-16.37	0.16	109.37	-22.73	-3.90	4.42	-1.53	-4.73	-12.27	-0.65	0.53	-0.87	0.11	19.69
SIDERH_SIN		0.00	163.45	20.59	-5.35	-35.01	-99.05	3.45	3.22	-2.50	2.13	3.73	2.33	-0.67	-2.72	-0.89	11.92
DRAGRH_COS		-170.06	214.20	14.94	3.64	-13.82	112.39	-3.98	-0.31	-3.96	2.96	5.15	5.71	-0.95	1.82	-1.42	16.07
DRAGRH_SIN		0.00	-52.98	11.59	-0.77	-2.90	57.20	-21.31	-1.12	6.48	0.97	9.69	-1.91	0.70	-1.76	1.16	-10.00

RUN	POINT	Harmonics															
61	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.59	-0.01	-0.03	-0.14	-0.15	-0.40	0.02	0.02	0.01	-0.01	0.01	-0.01	0.00	0.01	0.01	-0.01
FLAP1C_SIN		0.00	0.55	0.04	0.07	0.00	0.39	0.02	0.03	0.00	-0.01	-0.01	0.00	0.01	0.00	0.00	-0.03
ACT1DISP_COS		2.59	0.00	0.00	0.02	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.06	0.00	-0.01	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-35.72	0.11	-0.95	-4.08	-4.36	-5.84	0.86	0.35	0.32	0.00	0.50	-0.28	-0.12	0.29	0.41	0.25
ACT1FORCE_SIN		0.00	16.55	1.17	2.22	0.64	-6.10	0.46	0.55	0.45	-0.15	-0.21	-0.31	0.11	-0.11	-0.19	-0.94
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.58	-0.27	-0.01	-0.10	-0.11	-26.15	0.22	-0.08	-0.03	0.09	-0.09	0.04	-0.03	-0.05	0.00	0.31
FA1IBVOLTAGE_SIN		0.00	0.01	-0.11	-0.02	-0.20	150.17	-0.16	0.10	0.07	-0.01	0.20	-0.08	-0.02	0.04	0.05	-0.12
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.14	0.27	0.02	0.10	0.12	26.08	-0.23	0.08	0.03	-0.10	-0.06	-0.04	0.02	0.05	0.00	-0.29
FA1OBVOLTAGE_SIN		0.00	-0.01	0.12	0.02	0.18	-150.50	0.18	-0.09	-0.07	0.02	0.09	0.08	0.02	-0.03	-0.06	0.10
MRBLD1CB42P75_COS		-4633.80	-1642.21	36.41	255.92	-59.65	25.54	-69.87	-46.59	6.73	19.11	85.58	5.47	-4.95	-0.38	-53.04	0.05
MRBLD1CB42P75_SIN		0.00	-122.83	-41.23	-7.32	203.18	39.22	51.40	-2.90	-56.88	-29.74	-59.77	74.15	18.85	12.39	36.01	-20.40

RUN	POINT	Harmonics															
61	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2842.55	-1026.18	302.55	172.62	-63.43	17.82	-86.99	-14.02	3.20	18.91	24.56	8.25	3.71	5.24	-35.86	5.61
MRBLD1CB70_SIN		0.00	-67.06	-61.50	39.24	352.97	101.76	115.01	15.10	-43.70	-23.56	-53.39	41.89	10.14	4.32	28.10	-22.57
MRBLD1CB120_COS		-450.65	-422.32	422.85	166.29	-37.19	39.66	-69.75	14.95	-32.52	-13.58	-21.35	2.89	8.21	8.93	-2.54	1.52
MRBLD1CB120_SIN		0.00	73.83	-143.55	-26.90	356.53	96.17	130.70	17.43	6.89	-8.53	28.66	-31.02	-0.95	-0.18	-5.70	-10.69
MRBLD1CB164_COS		-1960.24	-132.16	128.51	37.90	-61.74	-9.26	-10.10	23.81	-28.62	-18.38	-1.56	2.70	2.91	0.21	21.48	-9.72
MRBLD1CB164_SIN		0.00	84.08	-52.39	2.09	154.26	36.06	37.78	-1.87	11.34	-9.21	40.31	-19.96	2.04	-3.08	-13.29	17.91
MRBLD1FB42P75_COS		2988.69	279.00	-390.51	477.64	-27.12	71.70	-82.77	-163.75	-115.34	-74.04	119.37	56.44	37.46	34.87	-10.05	-60.26
MRBLD1FB42P75_SIN		0.00	24.15	1.45	-10.46	244.32	-33.60	81.99	40.13	-28.49	-72.05	-131.74	38.87	4.11	5.08	130.85	-30.47
MRBLD1FB70_COS		393.59	-3.69	-179.85	132.06	-29.57	21.49	-8.33	-14.56	-4.29	1.44	2.43	0.56	-2.31	-6.40	3.40	13.42
MRBLD1FB70_SIN		0.00	-194.85	20.93	-9.28	68.37	-18.49	21.32	12.10	-0.40	0.99	1.97	2.82	4.21	0.90	-27.95	5.29
MRBLD1FB87_COS		-94.60	24.25	-152.57	40.74	-45.43	-21.29	-4.17	15.10	16.42	13.80	-23.52	-11.05	-5.20	-5.73	-0.41	7.45
MRBLD1FB87_SIN		0.00	-190.00	45.58	36.86	37.62	-1.98	-4.01	-5.31	-0.19	8.04	27.51	-11.96	-1.68	0.41	-24.43	6.97
MRBLD1FB120_COS		-471.75	27.22	-233.47	0.10	-28.82	-46.01	11.62	24.15	6.50	-2.78	-1.56	0.71	3.07	7.67	-1.94	-12.66
MRBLD1FB120_SIN		0.00	-231.69	93.83	113.73	29.21	13.71	-39.27	-17.29	3.02	2.60	-6.24	4.26	-4.23	-3.34	36.29	-10.87
MRBLD1FB164_COS		-267.11	68.35	-297.78	61.44	142.08	52.65	16.46	-38.48	-18.49	2.53	-8.22	-2.86	-2.31	-2.64	3.57	4.86
MRBLD1FB164_SIN		0.00	-380.08	103.66	116.35	-60.54	-19.66	27.23	18.58	-10.71	-4.90	15.78	-10.30	-0.51	1.54	-18.14	6.84

RUN	POINT	Harmonics															
61	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-280.02	10.35	-157.77	30.49	112.53	60.31	-12.42	-42.11	-5.60	8.39	-62.35	-17.23	9.40	11.83	-8.18	-19.01
MRBLD1FB180_SIN		0.00	-288.31	63.46	47.21	-53.47	-37.22	41.98	29.35	-20.53	-13.31	58.08	-17.95	-11.83	-13.04	43.67	-11.28
MRBLD1TOR51_COS		-1534.23	68.54	12.97	100.20	30.45	133.84	-15.30	-2.88	4.90	-2.54	-13.84	-2.16	4.75	5.34	-8.05	1.46
MRBLD1TOR51_SIN		0.00	-182.68	-0.18	7.10	21.18	35.83	-3.20	21.81	-2.33	-12.16	-4.81	-7.31	-0.45	-0.37	8.46	-10.30
MRBLD1TOR71_COS		-337.07	86.60	2.27	75.30	37.44	125.31	-4.75	3.94	6.82	-2.70	-17.70	-2.57	3.35	5.28	-5.14	0.44
MRBLD1TOR71_SIN		0.00	-176.26	-4.62	-4.49	1.67	32.26	-2.53	24.26	4.71	-5.22	0.01	-7.34	-1.60	-1.56	2.76	-6.64
MRBLD1TOR130_COS		-95.78	74.61	23.38	51.88	47.12	108.34	-2.31	1.24	2.95	-2.04	7.90	-1.03	0.57	-0.13	-2.13	-2.35
MRBLD1TOR130_SIN		0.00	-166.69	-8.90	-9.32	-6.73	26.68	4.71	17.21	2.97	-3.59	5.72	10.45	3.38	0.72	-5.27	3.88
MRBLD1TOR164_COS		-274.24	36.02	66.48	19.50	12.39	65.16	-6.89	3.66	5.74	1.57	-4.40	1.32	3.01	2.70	-6.58	-4.38
MRBLD1TOR164_SIN		0.00	-95.01	-15.61	-25.99	-0.41	10.74	9.99	11.55	1.07	-0.08	4.12	5.26	1.78	0.72	-2.59	1.48
MRFBM2CB26P5_COS		-2052.50	-144.23	9.16	-71.12	-26.77	23.74	13.14	5.39	3.88	-4.03	16.75	-1.43	-3.02	-0.09	2.18	-2.68
MRFBM2CB26P5_SIN		0.00	-579.30	-8.90	-26.26	-15.79	13.84	1.09	-7.45	6.53	1.60	-1.66	1.31	-0.99	-2.23	5.58	-1.29
MRFBM2FB9_COS		246.94	-37.16	-125.72	35.67	-10.20	0.56	6.34	-5.75	-1.22	3.29	-5.34	0.91	1.90	-0.11	-2.53	0.61
MRFBM2FB9_SIN		0.00	-76.76	57.31	92.21	-6.72	-1.20	11.68	7.26	-5.39	0.17	2.40	-1.29	0.06	1.64	-4.36	1.42
MRFBM2TOR26P5_COS		-418.12	130.05	1.15	-0.17	0.01	0.85	-0.01	-0.07	-0.13	0.10	-0.28	0.11	0.04	-0.01	0.14	0.18
MRFBM2TOR26P5_SIN		0.00	43.85	0.37	-0.96	0.39	-0.26	-0.09	-0.11	-0.15	-0.14	0.04	-0.14	0.05	-0.02	-0.20	0.02

RUN	POINT	Harmonics															
61	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-779.84	-1477.99	-38.82	257.84	-27.36	33.93	-48.50	-50.26	-8.08	4.88	79.71	6.89	-0.25	4.27	-47.90	-0.98
MRPC1CB33P25_SIN		0.00	-56.87	-23.90	-55.91	100.42	0.05	20.30	-12.43	-43.34	-31.11	-40.95	52.46	14.81	12.46	32.26	-22.42
MRPC1FB33P25_COS		2212.55	203.52	-335.68	387.34	-87.28	59.41	-92.91	-139.87	-71.36	-15.69	161.18	13.69	22.19	17.86	-122.75	-5.53
MRPC1FB33P25_SIN		0.00	198.67	-63.82	83.33	204.89	-4.58	35.90	-38.06	-75.90	-91.93	-26.69	64.32	28.23	30.94	68.07	-69.43
MRPC1TOR25P5_COS		-701.42	-41.99	-61.03	-90.84	-44.70	-148.30	5.59	-5.47	-9.52	3.70	29.11	2.58	-5.69	-3.54	-13.25	-6.53
MRPC1TOR25P5_SIN		0.00	243.63	-39.65	15.70	-3.30	-34.53	11.15	-27.19	-3.59	9.09	4.48	21.43	2.92	4.58	-8.68	3.34
MRPLK1LOAD_COS		-71.30	0.37	-4.42	-11.61	-5.31	-19.49	1.60	0.32	-0.91	0.02	3.82	-0.15	-0.91	-0.43	-2.14	-1.27
MRPLK1LOAD_SIN		0.00	1.79	-1.95	0.41	-1.95	-4.31	0.66	-3.29	-0.25	1.20	1.03	3.09	0.04	0.30	-2.83	0.71
PITCHRH_COS		9168.11	-7817.23	-1034.09	-2.03	-15.37	258.90	17.48	49.87	28.62	13.58	42.18	-124.68	-6.40	-89.10	25.98	-412.79
PITCHRH_SIN		0.00	1505.71	-902.83	166.17	39.59	884.57	134.94	145.08	-28.95	-107.40	-101.18	-27.19	-1.69	78.09	-24.79	394.59
ROLLRH_COS		1093.24	-1254.41	887.40	-3.05	-489.41	-1211.31	-45.23	-37.95	62.11	117.89	332.02	-5.74	-30.46	-36.46	-23.71	-772.54
ROLLRH_SIN		0.00	-7593.78	-1325.47	-96.25	243.16	924.32	-237.82	-17.80	43.38	44.89	-94.99	-93.53	63.71	57.63	5.20	-468.91
TORQ_COS		31658.03	184.77	-3.11	-12.11	-75.95	-2.16	-4.20	5.58	-20.53	-4.26	-42.45	1.46	7.25	-1.80	-4.38	16.44
TORQ_SIN		0.00	718.34	-8.66	2.74	-84.38	-21.96	6.01	30.84	-8.29	-10.32	-0.52	5.11	-10.86	7.80	-8.85	-33.91
THRUST_COS		5764.76	4.32	5.74	-5.38	19.76	-41.40	5.86	9.33	-2.64	-9.31	-64.40	3.36	2.89	2.83	4.41	11.70
THRUST_SIN		0.00	-140.67	-7.91	17.80	29.18	-6.62	6.85	11.26	-2.39	2.55	28.84	0.49	-1.64	-2.09	-18.01	33.93

RUN	POINT	Harmonics															
61	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-160.35	37.35	-17.63	0.45	39.44	45.31	4.64	-2.41	-1.02	-7.10	-11.99	0.04	1.59	1.12	0.40	22.20
SIDERH_SIN		0.00	177.37	24.52	3.87	-86.61	-135.14	12.67	-0.46	-0.70	-1.26	4.80	4.81	-2.00	-1.40	-0.03	13.33
DRAGRH_COS		-186.05	212.35	22.26	-0.38	-3.48	41.37	-16.29	-1.55	1.36	-3.26	7.76	7.96	-2.53	3.92	-1.66	16.51
DRAGRH_SIN		0.00	-57.02	13.00	0.81	7.82	117.72	-21.54	8.02	2.97	4.48	-0.80	-2.72	0.66	-4.25	-0.28	-16.59

RUN	POINT	Harmonics															
61	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.53	-1.01	-0.03	-0.26	-0.22	0.04	0.02	0.07	0.00	0.04	0.02	0.00	0.02	0.00	-0.01	-0.01
FLAP1C_SIN		0.00	-0.42	-0.17	-0.04	-0.11	0.44	-0.01	0.02	0.03	-0.02	-0.02	0.00	-0.01	-0.01	-0.02	0.01
ACT1DISP_COS		2.60	0.11	0.00	0.03	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	0.05	0.02	0.00	0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.75	-2.07	1.16	-3.09	-1.07	-6.07	0.79	1.68	0.07	0.97	0.53	0.03	0.63	-0.10	-0.38	-0.43
ACT1FORCE_SIN		0.00	10.30	-0.95	0.65	-0.76	-0.18	-0.30	0.44	0.57	-0.13	-0.39	-0.09	-0.10	-0.22	-0.82	0.53
FA1IBCURRENT_COS		-0.01	-0.02	-0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.02	0.00	0.01	0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.58	-183.97	-25.99	-29.59	-40.75	81.07	-0.30	-0.15	-0.22	0.19	0.08	0.13	0.16	0.04	0.18	-0.12
FA1IBVOLTAGE_SIN		0.00	-110.28	-31.41	-11.52	-4.48	90.69	-0.12	0.22	0.02	0.29	0.23	-0.04	0.11	0.00	-0.11	-0.05
FA1OBCURRENT_COS		0.02	0.02	0.01	0.00	0.01	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.02	0.00	-0.01	-0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.14	184.38	26.20	29.71	40.78	-81.36	-0.16	0.06	0.13	-0.30	0.10	-0.13	-0.14	-0.02	-0.18	0.14
FA1OBVOLTAGE_SIN		0.00	110.34	31.37	11.43	4.65	-90.78	0.08	-0.27	0.00	-0.23	-0.15	0.05	-0.10	0.02	0.11	0.05
MRBLD1CB42P75_COS		-4694.06	-1638.61	60.42	195.54	-35.91	-66.71	-23.93	-230.29	9.33	17.35	54.24	19.25	-15.07	1.20	-3.35	-7.25
MRBLD1CB42P75_SIN		0.00	-98.59	-26.50	37.04	251.34	-59.35	66.94	-108.35	-86.51	-1.45	-23.56	56.52	29.00	3.10	26.38	-6.90

RUN	POINT	Harmonics															
61	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2818.23	-1008.52	345.08	104.45	3.76	-92.87	-22.87	-151.95	0.60	11.45	9.66	19.27	-1.38	7.30	5.64	-3.45
MRBLD1CB70_SIN		0.00	-51.06	-60.30	79.01	444.97	30.53	131.60	-44.10	-57.39	-2.89	-18.29	26.13	13.14	-0.69	9.32	-8.33
MRBLD1CB120_COS		-438.97	-383.68	469.21	111.83	51.39	-67.96	1.67	-71.64	-38.35	-2.27	-8.87	-0.17	16.70	7.18	-3.11	-3.51
MRBLD1CB120_SIN		0.00	83.47	-151.58	15.78	409.35	68.41	147.58	39.03	10.15	-13.57	23.79	-17.33	-8.47	0.24	-4.75	-4.56
MRBLD1CB164_COS		-1959.15	-129.44	145.00	18.79	-6.28	-40.08	15.69	41.90	-38.26	-4.18	7.73	-3.57	7.95	-1.44	-3.38	0.40
MRBLD1CB164_SIN		0.00	73.38	-58.64	16.66	166.98	56.99	44.65	40.99	18.89	-17.89	19.58	-7.16	0.73	-0.90	-7.59	8.66
MRBLD1FB42P75_COS		3061.90	272.18	-436.06	467.38	33.91	-122.13	-27.10	-609.80	-132.23	-20.40	109.44	66.50	28.41	20.24	36.89	-35.43
MRBLD1FB42P75_SIN		0.00	31.92	40.66	200.48	26.99	-124.64	48.74	91.70	-85.92	-84.76	-97.71	38.06	12.23	-11.50	42.64	9.97
MRBLD1FB70_COS		407.94	-3.38	-196.73	126.21	-4.73	-32.16	6.48	-90.15	-5.91	3.82	1.60	-0.40	-0.41	-3.59	-6.76	8.04
MRBLD1FB70_SIN		0.00	-196.68	31.71	52.79	13.41	-41.80	16.74	20.37	-6.11	1.55	3.35	1.19	2.03	3.67	-12.00	-3.83
MRBLD1FB87_COS		-91.53	18.25	-165.08	38.07	-31.29	-29.76	-5.12	56.39	19.87	6.61	-19.76	-13.74	-4.62	-2.96	-9.79	1.95
MRBLD1FB87_SIN		0.00	-194.14	44.93	66.13	15.36	-0.67	-3.09	-7.44	7.32	9.81	21.24	-8.73	-3.76	3.93	-4.17	1.20
MRBLD1FB120_COS		-479.86	2.18	-255.29	3.81	-19.07	3.06	-6.19	130.13	5.86	-8.29	-1.91	2.10	1.92	4.04	12.16	-4.25
MRBLD1FB120_SIN		0.00	-239.46	86.99	138.73	31.18	42.94	-32.25	-31.53	10.04	-0.20	-8.65	1.83	-1.59	-6.93	7.44	-3.47
MRBLD1FB164_COS		-220.63	120.66	-342.87	77.90	68.70	80.95	23.41	-195.50	-17.39	8.52	-6.93	-7.93	-3.13	-0.88	-1.93	5.17
MRBLD1FB164_SIN		0.00	-294.41	134.11	196.26	32.15	-7.37	14.52	33.07	-22.56	-1.50	17.09	-6.97	-3.49	4.58	-2.03	3.90

RUN	POINT	Harmonics															
61	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-236.96	74.06	-202.28	46.92	68.27	36.11	-0.44	-180.72	3.48	0.97	-56.60	-25.64	6.66	9.56	9.47	-8.34
MRBLD1FB180_SIN		0.00	-198.35	100.05	92.49	30.45	-19.13	23.64	34.47	-21.19	-7.45	36.01	-13.28	-13.43	-19.12	4.33	-2.74
MRBLD1TOR51_COS		-1483.01	186.94	-37.61	97.86	3.99	60.45	-16.65	-64.95	0.88	3.06	-11.16	-2.34	6.48	3.15	1.66	-3.38
MRBLD1TOR51_SIN		0.00	-49.77	61.52	42.72	37.78	-100.66	2.63	23.59	3.07	-13.38	-6.44	-9.85	-2.82	-0.80	3.34	-1.56
MRBLD1TOR71_COS		-291.94	198.57	-46.13	77.18	8.16	64.86	-10.40	-34.18	2.17	0.14	-14.07	-2.38	5.52	3.33	0.00	-1.94
MRBLD1TOR71_SIN		0.00	-51.71	52.76	21.32	21.89	-86.18	1.80	33.66	12.11	-7.90	-3.46	-8.68	-2.77	-0.77	-0.13	-0.15
MRBLD1TOR130_COS		-49.04	189.10	-21.53	56.57	16.76	52.93	-4.23	-37.56	1.61	1.42	5.56	-0.14	1.15	0.80	-5.52	-0.43
MRBLD1TOR130_SIN		0.00	-36.56	48.77	7.98	23.87	-68.46	5.44	21.50	5.84	-3.25	6.44	9.45	2.91	1.58	-3.16	0.95
MRBLD1TOR164_COS		-247.36	120.23	42.21	26.34	5.82	15.45	-5.33	-7.51	4.40	0.95	-2.53	-0.69	0.39	4.90	-2.97	-0.68
MRBLD1TOR164_SIN		0.00	-2.25	21.49	-25.19	14.16	-51.60	9.57	18.23	4.32	-1.88	5.45	6.59	1.15	-0.46	-0.43	-1.81
MRFBM2CB26P5_COS		-2027.40	-144.67	-4.66	-76.79	-44.95	19.60	15.30	5.19	1.71	-3.40	13.16	-2.47	-3.08	-0.55	0.71	-2.00
MRFBM2CB26P5_SIN		0.00	-652.49	-28.26	-27.87	0.91	-3.05	0.31	-19.31	6.54	0.59	-1.20	3.82	0.09	-2.51	8.82	-1.43
MRFBM2FB9_COS		290.66	-72.93	-103.09	38.17	-17.33	11.14	6.59	-6.24	-1.49	1.10	-7.36	0.79	2.00	0.03	-3.58	0.78
MRFBM2FB9_SIN		0.00	-2.93	98.03	124.50	1.47	11.34	6.95	21.71	-6.63	1.59	0.24	-1.23	0.10	1.88	-4.34	1.29
MRFBM2TOR26P5_COS		-412.32	131.59	0.69	0.31	-0.34	0.86	-0.31	-0.28	-0.13	0.15	-0.25	0.06	-0.01	-0.05	0.24	0.00
MRFBM2TOR26P5_SIN		0.00	45.87	-0.14	-0.69	0.67	-0.99	-0.56	-0.38	-0.22	-0.12	0.03	-0.19	0.06	-0.02	-0.22	0.04

RUN	POINT	Harmonics															
61	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-776.65	-1463.70	-27.74	216.63	-26.31	-37.91	-16.18	-216.51	-1.37	15.30	57.19	13.66	-6.52	4.69	-2.76	-9.32
MRPC1CB33P25_SIN		0.00	-28.36	-3.54	-12.55	105.10	-81.23	30.54	-87.23	-74.08	-14.84	-18.48	44.88	22.49	3.97	25.58	-7.17
MRPC1FB33P25_COS		2270.86	195.71	-373.79	343.10	16.21	-72.01	-34.17	-504.18	-58.33	29.22	134.08	21.97	9.79	22.09	-21.12	-29.94
MRPC1FB33P25_SIN		0.00	194.84	-37.12	249.73	43.90	-126.28	25.49	-175.71	-126.11	-72.99	-6.79	71.14	27.52	9.42	57.88	-26.55
MRPC1TOR25P5_COS		-752.96	-165.26	-8.09	-92.03	-6.03	-80.78	10.78	44.97	-3.38	-2.42	21.38	4.36	-10.13	0.24	-13.14	-2.50
MRPC1TOR25P5_SIN		0.00	94.02	-106.48	-19.55	-23.75	109.82	2.99	-40.26	-10.64	11.46	9.22	24.33	6.27	2.14	-1.10	-2.58
MRPLK1LOAD_COS		-76.89	-15.25	2.51	-11.97	-0.53	-9.37	1.84	8.71	-0.06	-0.81	2.99	0.22	-1.41	0.29	-2.64	-0.36
MRPLK1LOAD_SIN		0.00	-16.18	-10.50	-4.19	-4.16	14.88	-0.23	-4.62	-1.03	1.30	1.59	3.60	0.44	0.22	-1.38	-0.40
PITCHRH_COS		9380.25	-8926.29	-1007.77	225.27	-262.48	494.19	-575.81	71.40	131.82	26.89	-8.95	3.60	19.69	59.61	-37.37	-403.54
PITCHRH_SIN		0.00	2871.58	-1137.12	7.44	6.21	39.29	-304.36	178.92	-77.14	-112.54	-139.69	37.72	13.43	109.16	12.60	276.16
ROLLRH_COS		1680.47	-2129.80	1189.08	82.53	-563.47	-476.20	37.56	-145.72	116.96	148.54	297.70	-38.21	-41.65	84.22	99.07	-749.59
ROLLRH_SIN		0.00	-8154.92	-1201.42	1.78	267.16	1131.17	316.91	-50.74	80.63	-55.27	-73.96	113.39	91.30	12.69	38.76	-466.77
TORQ_COS		32147.85	489.30	-9.44	61.06	-47.24	-1.86	16.77	24.93	-11.96	-6.77	-32.90	3.24	6.85	0.19	-13.03	6.07
TORQ_SIN		0.00	303.69	3.99	74.43	-243.25	65.63	14.29	62.44	6.61	-7.03	3.71	-4.28	-13.90	5.11	-14.52	-25.33
THRUST_COS		5973.79	-243.64	9.03	24.69	-0.81	8.64	0.51	35.54	-5.91	-16.18	-49.60	4.97	3.58	-1.50	-26.98	19.05
THRUST_SIN		0.00	115.72	-21.86	1.16	52.85	34.24	2.80	15.40	-1.14	12.09	28.76	-9.05	-6.34	-3.90	-0.27	30.21

RUN	POINT	Harmonics															
61	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-163.60	101.75	-21.52	7.84	69.36	-28.40	3.32	1.00	-2.56	-7.21	-11.76	1.10	1.37	-2.28	-2.91	21.39
SIDERH_SIN		0.00	190.50	25.85	-2.37	-113.04	-129.27	-10.90	2.07	-1.32	2.78	3.63	-4.82	-3.00	0.21	-1.47	13.02
DRAGRH_COS		-177.25	203.97	25.55	1.77	-14.84	122.32	43.13	-2.96	-1.64	-3.98	6.31	-1.44	-3.79	-2.80	0.37	16.73
DRAGRH_SIN		0.00	-51.98	18.87	1.59	-12.50	97.28	11.87	4.63	7.80	1.78	5.79	-0.48	1.35	-4.42	-0.25	-11.38

RUN	POINT	Harmonics															
61	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.55	-0.04	-0.01	-0.19	0.15	0.82	0.97	-0.12	-0.02	-0.01	0.00	0.02	0.00	-0.02	0.01	0.02
FLAP1C_SIN		0.00	0.66	0.08	0.13	0.57	0.34	-1.13	-0.19	-0.03	0.02	0.00	-0.01	0.00	0.00	-0.01	-0.02
ACT1DISP_COS		2.59	0.00	0.00	0.02	-0.02	-0.09	-0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	-0.01	-0.01	-0.06	-0.04	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-39.06	0.50	-0.75	-3.41	-4.01	2.53	12.74	-2.82	0.74	-0.59	-0.19	0.27	-0.38	-0.58	0.43	0.40
ACT1FORCE_SIN		0.00	16.26	1.32	2.71	3.44	4.72	6.91	-1.99	0.10	0.05	-0.09	-0.17	0.23	-0.11	-0.23	-0.31
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.04	0.01	-0.20	-0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.03	-0.09	-0.08	0.01	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.72	-0.28	-0.21	-0.14	67.10	115.69	46.85	1.20	0.30	0.22	-0.13	-0.67	-0.66	-0.08	0.05	0.18
FA1IBVOLTAGE_SIN		0.00	-0.28	0.00	-0.20	54.78	-2.56	-279.44	-0.30	-0.35	-0.24	-0.64	-0.38	0.65	0.02	0.13	0.14
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	-0.04	-0.01	0.20	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.03	0.09	0.07	-0.01	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.22	0.19	-0.06	0.10	-67.48	-116.02	-45.89	-1.07	-0.08	0.28	-0.04	-0.69	-0.50	-0.01	-0.01	-0.17
FA1OBVOLTAGE_SIN		0.00	-0.02	-0.01	0.21	-54.73	3.07	280.38	0.29	0.41	0.02	-0.65	-0.39	0.66	0.22	-0.04	-0.12
MRBLD1CB42P75_COS		-4566.39	-1764.39	49.28	255.01	-131.08	-164.75	-179.73	77.06	-31.17	12.34	9.93	26.51	19.34	6.69	-74.54	-7.08
MRBLD1CB42P75_SIN		0.00	-135.53	-24.64	-58.07	74.46	43.72	-115.32	96.80	-100.19	32.83	-69.91	35.17	13.70	2.53	43.87	-26.65

RUN	POINT	Harmonics															
61	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2887.04	-1101.64	308.68	193.57	-138.35	-177.71	-183.92	96.48	-52.55	3.59	3.00	17.27	14.16	3.08	-50.67	-2.39
MRBLD1CB70_SIN		0.00	-88.20	-45.30	-20.77	132.33	63.84	-156.74	80.49	-85.71	41.36	-35.54	18.63	2.77	-2.42	30.90	-27.98
MRBLD1CB120_COS		-430.90	-452.89	427.33	185.43	-126.71	-120.53	-179.14	80.65	-35.31	16.69	15.25	-2.10	-5.35	0.91	2.55	0.63
MRBLD1CB120_SIN		0.00	71.08	-145.39	-98.10	152.19	31.19	-91.85	72.48	3.39	-19.01	51.62	-10.95	1.04	4.69	-10.76	-10.09
MRBLD1CB164_COS		-1959.04	-132.00	135.65	38.25	-92.61	-25.56	-10.82	8.88	-0.72	20.34	11.32	2.11	3.94	6.89	30.33	-3.81
MRBLD1CB164_SIN		0.00	84.32	-56.78	-23.97	83.49	24.73	-23.14	-6.38	33.79	-40.80	35.87	-1.92	13.91	-1.18	-14.90	18.75
MRBLD1FB42P75_COS		3000.42	309.01	-374.49	414.72	-233.17	-150.42	-411.95	161.15	-73.84	-15.16	51.47	63.34	38.72	25.79	-38.21	-62.69
MRBLD1FB42P75_SIN		0.00	28.40	-6.99	-148.80	319.31	141.42	259.66	222.62	-80.54	-108.46	-80.14	-8.95	4.18	-2.52	160.31	-27.55
MRBLD1FB70_COS		402.96	-8.22	-170.04	114.41	-91.81	-35.62	-82.45	39.96	-3.76	6.36	3.09	-0.11	-1.31	-5.46	7.52	15.96
MRBLD1FB70_SIN		0.00	-191.53	12.10	-50.35	72.97	31.02	47.61	39.22	-8.85	1.60	3.56	3.51	4.47	1.38	-33.38	4.78
MRBLD1FB87_COS		-91.80	18.82	-145.26	31.10	-63.21	-14.45	7.53	-16.12	11.78	1.10	-6.81	-13.20	-5.59	-2.66	5.62	7.77
MRBLD1FB87_SIN		0.00	-188.21	39.21	17.53	36.82	16.25	5.12	-21.15	8.29	11.87	16.48	1.34	-1.42	3.68	-30.53	6.72
MRBLD1FB120_COS		-470.02	25.82	-228.28	-2.94	7.57	25.15	103.53	-61.02	3.75	-7.21	-9.34	2.27	1.24	2.97	-9.11	-13.12
MRBLD1FB120_SIN		0.00	-241.77	91.29	88.89	23.98	-1.63	-46.65	-57.27	8.62	2.55	-4.30	-4.31	-4.51	-6.80	45.23	-9.65
MRBLD1FB164_COS		-248.89	59.17	-309.54	67.86	205.48	20.06	-56.13	66.48	-6.27	4.96	0.73	-5.92	-3.35	1.19	10.06	3.25
MRBLD1FB164_SIN		0.00	-359.85	104.42	40.26	-57.16	-73.91	118.03	89.56	-28.68	-2.61	10.76	1.85	-1.17	3.23	-22.66	5.92

RUN	POINT	Harmonics															
61	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-269.28	1.17	-167.54	35.92	136.63	-7.89	-115.48	54.67	0.50	-10.28	-42.09	-25.36	9.43	7.73	-17.28	-15.95
MRBLD1FB180_SIN		0.00	-267.14	64.50	-1.43	-56.74	-36.90	164.59	100.62	-28.40	-1.16	38.90	6.81	-17.51	-23.02	50.95	-9.04
MRBLD1TOR51_COS		-1529.54	67.64	19.32	83.29	-21.74	-76.56	-141.57	51.91	10.56	1.33	-19.56	-6.23	8.37	6.32	-13.95	7.32
MRBLD1TOR51_SIN		0.00	-192.73	1.19	-9.71	-75.16	-120.41	-280.40	51.57	-15.21	-12.92	-5.02	-5.35	-1.08	-1.56	1.06	-9.15
MRBLD1TOR71_COS		-332.91	86.68	6.83	59.68	-3.78	-57.57	-106.98	43.11	11.53	4.58	-21.92	-10.54	6.75	4.85	-5.04	2.89
MRBLD1TOR71_SIN		0.00	-183.53	-4.91	-13.79	-82.35	-112.97	-241.82	37.37	-4.46	-12.37	-4.20	-0.67	-4.25	-0.32	0.61	-4.80
MRBLD1TOR130_COS		-91.44	74.19	24.91	38.65	13.29	-52.15	-102.49	33.49	5.27	17.66	-4.75	-5.81	3.65	-3.06	4.34	-7.13
MRBLD1TOR130_SIN		0.00	-174.66	-10.82	-12.34	-76.88	-90.13	-160.97	29.61	-5.24	-14.35	-3.08	16.17	0.50	4.41	2.21	4.44
MRBLD1TOR164_COS		-274.25	37.79	66.58	8.97	-21.69	-49.07	-86.00	13.91	1.14	9.60	-4.81	-3.00	3.86	0.20	-4.35	-10.15
MRBLD1TOR164_SIN		0.00	-99.42	-17.65	-18.16	-51.67	-39.80	-59.67	7.37	-0.83	-10.06	-1.95	11.31	-1.15	0.63	3.94	0.03
MRFBM2CB26P5_COS		-2003.86	-142.04	0.57	-66.76	-18.96	-7.27	3.74	-4.30	2.91	-3.61	-0.08	1.87	-4.58	-0.89	-0.64	-2.82
MRFBM2CB26P5_SIN		0.00	-655.84	-17.77	-16.97	-20.87	13.53	-0.52	-13.68	3.23	-6.25	-6.17	1.70	-0.70	-1.68	6.91	-0.94
MRFBM2FB9_COS		300.28	-8.84	-107.38	60.79	-15.50	22.90	6.09	17.50	2.22	1.11	-1.79	-1.02	2.12	0.10	-0.23	1.23
MRFBM2FB9_SIN		0.00	-44.15	56.74	34.99	-33.70	-7.35	33.13	11.92	-6.02	1.28	-1.19	-1.21	-0.48	1.37	-5.84	1.52
MRFBM2TOR26P5_COS		-413.16	129.89	1.01	0.23	-2.91	0.45	5.30	-0.17	-0.27	0.81	0.03	0.24	-0.09	0.00	-0.05	0.27
MRFBM2TOR26P5_SIN		0.00	43.49	0.36	-0.59	-0.35	-2.57	-2.13	0.07	0.05	1.26	0.62	0.23	0.22	-0.17	-0.21	-0.16

RUN	POINT	Harmonics															
61	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-669.49	-1558.37	-25.81	240.27	-90.09	-110.47	-160.77	53.57	-23.94	19.10	15.25	25.61	13.03	5.32	-67.95	-7.01
MRPC1CB33P25_SIN		0.00	-46.78	-14.68	-91.58	62.85	20.79	-60.13	76.85	-68.07	2.26	-47.68	22.33	11.47	4.98	37.95	-27.27
MRPC1FB33P25_COS		2208.41	232.57	-324.40	365.39	-269.36	-160.50	-409.97	37.05	-19.05	47.90	83.30	48.68	23.78	18.36	-161.14	-12.77
MRPC1FB33P25_SIN		0.00	201.71	-67.78	-41.57	218.78	76.15	72.20	232.80	-96.58	-86.51	-30.26	36.81	26.99	19.69	65.35	-73.02
MRPC1TOR25P5_COS		-707.91	-34.98	-70.91	-71.82	0.68	64.22	127.58	-59.02	-18.48	17.39	21.72	1.19	-5.59	-9.29	0.35	-21.42
MRPC1TOR25P5_SIN		0.00	246.73	-40.61	26.46	94.86	142.12	333.18	-48.40	8.55	0.37	-5.63	22.99	-3.57	9.18	11.68	1.84
MRPLK1LOAD_COS		-70.81	0.23	-5.34	-8.78	1.70	9.10	19.05	-8.41	-2.51	4.51	1.65	-1.87	-0.34	-2.02	1.60	-4.25
MRPLK1LOAD_SIN		0.00	3.63	-1.98	1.90	11.35	18.45	48.35	-7.21	2.01	-2.19	-2.13	4.93	-1.75	1.64	1.51	1.12
PITCHRH_COS		8537.77	-7999.36	-1005.27	-12.76	47.07	-1404.77	-76.12	11.55	-137.31	115.61	-353.96	40.44	43.23	-87.81	33.23	-618.39
PITCHRH_SIN		0.00	1869.36	-762.84	95.02	61.40	1621.86	170.45	-19.33	91.96	-56.04	-41.87	-53.09	-7.67	107.70	48.14	694.86
ROLLRH_COS		1459.65	-1606.71	953.60	11.26	-589.06	-1390.27	70.24	-21.97	-42.07	52.38	161.56	11.21	43.90	112.98	-149.97	-82.26
ROLLRH_SIN		0.00	-7789.58	-1376.85	-111.85	45.52	1827.52	-178.57	-30.35	-30.95	23.80	-149.86	-23.84	161.92	7.14	42.32	-214.21
TORQ_COS		32740.39	157.44	-20.24	-7.48	-85.36	154.45	-25.97	-1.13	-20.48	-4.41	11.50	-1.07	9.86	-0.61	-5.45	-2.10
TORQ_SIN		0.00	649.46	-18.57	15.30	-19.62	47.50	14.97	46.09	3.70	-5.47	21.11	6.47	-10.17	5.64	-5.00	-35.08
THRUST_COS		5915.21	17.79	15.48	-6.63	22.87	56.36	12.04	11.62	-7.78	-3.91	-27.28	9.86	-3.70	-8.75	25.11	-24.51
THRUST_SIN		0.00	-105.53	-3.39	6.76	26.41	-2.17	8.40	26.88	-1.64	8.63	-52.98	18.72	-20.01	-3.00	-4.30	57.10

RUN	POINT	Harmonics															
61	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-167.77	44.55	-19.21	3.70	48.52	36.75	0.06	1.77	-0.06	-3.47	-8.14	0.79	-1.26	-3.53	4.41	1.21
SIDERH_SIN		0.00	180.29	24.05	0.42	-62.25	-182.91	12.79	-0.82	-0.07	-0.71	-1.91	1.69	-4.81	-0.17	-0.52	6.21
DRAGRH_COS		-180.89	219.56	19.07	4.00	-17.41	-99.16	-4.68	-8.29	6.96	-4.14	-0.28	0.44	-1.45	1.67	0.09	23.05
DRAGRH_SIN		0.00	-61.38	13.90	2.74	5.70	189.35	-30.88	1.79	-2.86	-2.35	9.27	-2.29	1.66	-6.66	-2.99	-36.90

RUN	POINT	Harmonics															
61	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.74	-0.16	0.03	-0.19	0.07	0.97	0.85	0.11	-0.02	0.00	0.00	0.02	0.03	0.01	0.03	0.05
FLAP1C_SIN		0.00	0.70	0.09	0.17	0.80	0.67	-0.16	-0.17	0.01	0.02	-0.02	0.02	0.00	0.01	0.03	-0.03
ACT1DISP_COS		2.57	0.02	0.00	0.02	-0.01	-0.11	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
ACT1DISP_SIN		0.00	-0.08	-0.01	-0.02	-0.09	-0.07	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-37.45	-1.66	0.44	-3.34	-3.68	-1.36	2.28	1.76	-0.35	0.02	0.08	0.38	0.67	0.13	0.84	1.09
ACT1FORCE_SIN		0.00	17.00	0.26	2.90	4.90	9.45	6.20	-2.38	0.30	-0.09	-0.84	0.21	-0.19	0.27	0.51	-0.56
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.01	0.06	0.04	-0.06	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	-0.02	-0.12	-0.11	-0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	-0.01
FA1IBVOLTAGE_COS		402.66	-0.22	-0.16	-0.46	58.90	196.33	121.40	0.88	0.10	0.43	0.50	-0.26	-0.40	-0.15	-0.18	0.28
FA1IBVOLTAGE_SIN		0.00	-0.34	-0.01	-0.48	94.00	15.36	-101.24	1.00	0.16	-0.06	-0.62	-0.59	-0.08	0.00	0.23	0.59
FA1OBCURRENT_COS		0.02	0.00	0.00	-0.01	-0.06	-0.04	0.06	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	-0.01	0.02	0.13	0.11	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		403.16	0.23	-0.03	0.38	-59.36	-196.91	-121.33	-0.81	0.12	0.48	0.36	-0.04	-0.14	0.04	0.15	-0.30
FA1OBVOLTAGE_SIN		0.00	-0.02	-0.09	0.45	-94.06	-14.74	101.99	-0.88	0.11	0.01	-0.59	-0.73	-0.30	-0.03	-0.23	-0.55
MRBLD1CB42P75_COS		-4588.95	-1550.86	29.15	277.71	-56.98	-147.18	-2.77	-174.65	31.38	-4.33	0.91	44.20	9.23	0.14	-47.00	-7.10
MRBLD1CB42P75_SIN		0.00	-147.89	-11.31	7.94	138.92	-129.51	-78.21	-23.65	-64.29	19.16	-133.78	31.00	29.60	13.93	34.51	-29.29

RUN	POINT	Harmonics															
61	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2880.44	-964.74	279.89	208.45	16.37	-103.53	25.44	-114.68	15.29	-10.54	-34.93	29.28	12.43	4.85	-31.97	-8.71
MRBLD1CB70_SIN		0.00	-87.47	-60.60	58.19	240.70	-95.25	-70.58	5.45	-50.48	29.87	-72.76	12.58	11.48	5.26	29.81	-29.76
MRBLD1CB120_COS		-441.43	-396.85	407.91	192.59	31.96	-53.35	2.53	-46.15	-33.80	2.06	23.51	-14.45	5.92	11.14	-4.39	0.21
MRBLD1CB120_SIN		0.00	57.68	-159.67	-13.60	210.89	-58.95	-46.45	36.99	-0.43	-6.93	85.20	-5.45	-9.34	-0.31	-1.59	-11.75
MRBLD1CB164_COS		-1953.32	-126.78	127.38	51.58	-21.70	-3.13	14.36	33.84	-31.99	13.73	42.60	-13.04	-0.97	-0.69	24.00	3.30
MRBLD1CB164_SIN		0.00	80.29	-58.14	7.47	113.18	25.15	-0.41	15.92	13.32	-27.79	68.81	4.52	7.26	1.79	-16.66	22.94
MRBLD1FB42P75_COS		2970.15	259.86	-372.41	539.43	-243.92	-336.89	-246.03	-399.18	-65.22	-15.76	74.33	79.20	40.31	30.25	2.25	-77.32
MRBLD1FB42P75_SIN		0.00	42.30	34.23	-21.05	172.35	47.90	-13.08	145.80	-73.62	-98.67	-166.65	1.57	-8.05	-6.49	132.97	-27.59
MRBLD1FB70_COS		391.91	-1.06	-172.78	153.29	-79.02	-85.91	-39.26	-58.26	1.86	3.79	-1.83	-1.42	-2.07	-5.65	2.42	18.58
MRBLD1FB70_SIN		0.00	-194.34	37.78	-14.35	43.06	-2.68	-6.47	29.67	-6.10	2.74	2.40	2.06	4.43	1.77	-28.02	5.08
MRBLD1FB87_COS		-97.76	26.45	-146.37	55.64	-51.92	-31.65	-2.98	36.91	10.33	5.32	-8.26	-16.64	-6.37	-4.54	-3.13	9.45
MRBLD1FB87_SIN		0.00	-190.81	56.49	30.57	31.76	13.14	3.42	-13.81	5.75	10.35	36.47	-0.50	2.02	4.05	-24.23	6.45
MRBLD1FB120_COS		-465.73	28.46	-236.54	35.89	13.47	55.80	37.60	81.06	-0.69	-8.15	-4.81	3.87	2.75	5.14	1.30	-15.90
MRBLD1FB120_SIN		0.00	-226.56	98.65	96.41	51.83	40.95	8.02	-49.88	9.12	-0.86	-13.18	-0.95	-7.39	-8.04	36.18	-9.38
MRBLD1FB164_COS		-282.78	84.39	-320.02	100.71	147.23	81.99	-49.68	-130.88	1.34	10.22	1.03	-8.35	-3.62	0.42	3.24	3.83
MRBLD1FB164_SIN		0.00	-373.98	116.93	94.00	-63.45	-59.77	23.91	59.15	-18.47	-1.69	24.27	-1.30	0.93	5.02	-17.71	4.96

RUN	POINT	Harmonics															
61	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-298.64	22.34	-170.98	47.54	92.00	10.23	-88.24	-127.59	17.23	5.94	-28.15	-23.37	11.82	12.80	-4.40	-21.30
MRBLD1FB180_SIN		0.00	-289.09	76.88	40.06	-67.22	-51.00	37.59	72.74	-26.57	-14.67	70.55	5.06	-11.98	-15.84	44.37	-9.01
MRBLD1TOR51_COS		-1555.54	91.57	0.15	84.67	-12.29	-63.88	55.21	-39.51	17.43	0.54	-17.25	-3.24	8.29	7.15	-6.89	2.01
MRBLD1TOR51_SIN		0.00	-205.99	12.34	-7.76	-125.40	-264.64	-170.67	21.18	1.90	-7.02	-0.98	-4.37	-0.73	2.83	13.35	-7.52
MRBLD1TOR71_COS		-359.22	106.99	-8.85	56.90	1.29	-42.16	56.79	-18.34	15.09	-0.67	-18.18	-6.16	6.44	6.67	-4.17	1.20
MRBLD1TOR71_SIN		0.00	-198.05	6.52	-18.90	-127.58	-237.88	-144.49	24.08	8.97	-3.38	5.56	-3.18	-2.18	1.43	5.91	-5.30
MRBLD1TOR130_COS		-117.61	95.10	12.68	30.65	14.33	-39.92	31.26	-23.44	11.18	3.41	5.21	-0.15	2.36	-0.27	-1.44	-2.77
MRBLD1TOR130_SIN		0.00	-188.65	-0.92	-22.49	-117.00	-196.40	-109.45	15.50	3.20	-1.98	1.77	10.97	3.88	1.25	-7.04	1.35
MRBLD1TOR164_COS		-289.81	50.81	61.29	-1.78	-14.22	-57.44	-3.34	-3.70	5.54	2.64	-0.07	-0.32	2.09	1.49	-6.62	-6.77
MRBLD1TOR164_SIN		0.00	-111.98	-12.42	-33.43	-76.19	-118.90	-54.80	12.33	0.49	-4.72	6.48	6.76	2.93	-0.59	-6.28	-3.22
MRFBM2CB26P5_COS		-2041.55	-126.78	8.27	-70.53	-26.99	-1.34	8.50	7.64	-0.38	-3.49	13.23	-0.27	-2.13	-0.37	1.33	-1.88
MRFBM2CB26P5_SIN		0.00	-506.17	-20.40	-18.94	-1.46	-15.66	-1.18	-16.67	6.21	-5.31	-10.35	2.87	-0.83	-1.30	2.74	-2.84
MRFBM2FB9_COS		251.69	-69.53	-115.73	72.33	4.48	33.06	-3.37	-13.62	1.97	1.45	-4.36	0.28	1.81	0.22	-1.49	1.33
MRFBM2FB9_SIN		0.00	-117.33	84.71	107.85	-32.65	0.69	15.86	22.26	-5.52	0.81	1.23	-1.85	-0.09	0.87	-3.33	2.23
MRFBM2TOR26P5_COS		-418.37	130.02	1.45	-0.36	-2.33	0.23	2.29	-0.09	-0.21	0.13	-0.26	0.09	-0.04	0.00	0.16	0.21
MRFBM2TOR26P5_SIN		0.00	44.03	0.36	-0.42	-0.83	-2.85	0.64	0.12	-0.33	0.21	0.18	-0.07	0.05	-0.05	-0.13	0.08

RUN	POINT	Harmonics															
61	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-668.08	-1384.55	-35.29	264.61	-77.32	-136.61	-27.03	-154.17	15.98	4.25	25.73	34.56	11.31	4.43	-44.95	-7.66
MRPC1CB33P25_SIN		0.00	-80.69	11.27	-46.09	67.02	-106.80	-64.94	-20.45	-55.44	-5.10	-91.88	25.71	20.77	11.36	33.13	-31.31
MRPC1FB33P25_COS		2193.52	181.30	-327.67	444.95	-241.42	-282.80	-189.86	-366.85	-12.12	41.83	148.05	55.53	33.91	24.30	-117.84	-18.73
MRPC1FB33P25_SIN		0.00	210.27	-38.32	85.81	100.57	-47.28	-90.77	-50.46	-88.07	-77.66	-79.28	52.31	22.89	21.75	77.62	-85.93
MRPC1TOR25P5_COS		-680.48	-65.94	-47.47	-72.57	-1.87	45.93	-77.65	21.75	-20.43	4.16	27.02	6.89	-7.09	-6.35	-13.80	-10.74
MRPC1TOR25P5_SIN		0.00	264.26	-55.01	30.41	148.01	290.15	191.66	-27.30	-9.23	5.97	-6.65	15.15	3.14	0.43	-16.39	-6.14
MRPLK1LOAD_COS		-68.53	-2.48	-2.78	-9.35	0.82	7.48	-10.43	4.48	-2.77	0.59	3.91	-0.28	-0.82	-0.95	-2.26	-1.84
MRPLK1LOAD_SIN		0.00	5.18	-3.71	2.49	18.57	38.71	26.90	-3.44	-0.92	0.21	-0.20	2.60	-0.01	-0.17	-4.13	-1.02
PITCHRH_COS		9742.84	-8065.57	-1212.61	-21.12	49.03	-819.35	-17.56	38.92	-74.74	26.00	186.86	-112.54	57.54	-61.59	10.98	-476.50
PITCHRH_SIN		0.00	1704.08	-746.74	196.39	-29.78	309.33	-46.44	12.33	-143.96	-79.50	-70.28	-44.16	40.21	51.81	-38.10	113.83
ROLLRH_COS		964.27	-1513.12	937.70	30.82	-401.21	-1587.45	-51.97	-78.15	171.15	65.45	252.38	-17.15	38.34	32.44	-88.31	-771.34
ROLLRH_SIN		0.00	-7802.61	-1367.77	-81.72	151.44	1030.11	-341.42	-15.84	-28.31	-30.13	162.15	-130.06	94.83	43.53	-36.40	-546.02
TORQ_COS		31831.34	154.61	7.60	-31.20	-106.57	72.44	-16.01	14.16	-19.33	-1.44	-23.40	-0.01	5.11	-0.07	-0.40	11.00
TORQ_SIN		0.00	721.54	-13.89	32.59	-79.70	213.08	6.99	48.08	4.85	-1.23	41.40	7.46	-8.05	6.77	-10.50	-17.76
THRUST_COS		5771.07	26.65	-2.83	-1.89	24.57	114.30	8.12	17.93	-1.62	-7.90	-48.67	4.49	-0.51	-0.28	6.05	18.47
THRUST_SIN		0.00	-128.61	3.06	17.76	37.73	37.99	12.10	14.94	-0.40	4.54	27.91	1.75	-0.13	-3.39	-16.59	40.75

RUN	POINT	Harmonics															
61	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-166.31	38.80	-18.62	3.39	21.72	58.33	5.03	2.44	-5.22	-2.81	-8.52	1.94	-0.91	-0.99	2.50	22.56
SIDERH_SIN		0.00	184.93	23.50	3.70	-68.96	-134.60	16.14	2.29	0.33	2.37	-7.79	6.27	-2.59	-1.72	1.09	15.32
DRAGRH_COS		-177.11	222.85	20.74	0.75	-14.55	-32.35	-16.29	-3.78	1.95	1.92	-12.10	6.03	-2.39	3.40	-1.19	21.40
DRAGRH_SIN		0.00	-61.76	7.90	5.29	6.73	107.81	-17.64	-2.76	7.50	4.41	3.15	-5.29	0.71	-1.51	-0.07	-5.01

RUN	POINT	Harmonics															
61	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		1.12	-0.13	-0.02	-0.12	-0.05	-0.03	0.00	0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN		0.00	0.41	0.03	0.02	-0.03	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS		2.53	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-36.56	-3.76	-0.75	-3.50	-1.66	-0.55	0.19	0.75	0.05	0.11	0.12	0.34	0.19	0.06	0.13	-0.05
ACT1FORCE_SIN		0.00	14.08	0.44	1.25	-0.20	-0.82	-0.57	-0.26	-0.04	0.12	-0.19	0.12	0.04	0.04	0.00	0.09
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.53	-0.13	-0.01	-0.02	0.05	0.04	0.03	0.00	0.01	-0.01	0.02	-0.02	-0.01	-0.02	0.00	0.01
FA1IBVOLTAGE_SIN		0.00	-0.05	0.00	-0.12	-0.07	-0.02	0.01	0.04	0.01	0.01	0.02	0.01	0.02	0.01	-0.01	-0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.08	0.11	0.02	0.01	-0.04	-0.06	-0.03	0.00	-0.01	0.01	-0.02	0.02	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN		0.00	0.04	0.02	0.10	0.05	0.03	0.00	-0.04	-0.01	-0.02	-0.01	-0.01	-0.02	0.00	0.00	0.02
MRBLD1CB42P75_COS		-4586.73	-1838.85	4.67	242.69	-6.06	-90.61	-62.67	-163.85	36.99	54.97	40.68	16.53	1.04	5.13	-55.31	-7.96
MRBLD1CB42P75_SIN		0.00	-228.10	-56.29	64.69	136.57	16.17	32.47	-22.59	-61.10	-6.07	-92.84	42.63	15.61	14.43	56.35	-20.99

RUN	POINT	Harmonics															
61	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		2871.41	-1142.06	265.71	149.68	47.95	-85.74	-56.84	-107.67	28.08	53.10	17.45	14.93	2.19	10.11	-36.53	-5.52
MRBLD1CB70_SIN		0.00	-143.36	-83.20	101.54	276.70	57.52	51.83	13.27	-44.08	-2.08	-61.49	23.01	7.84	6.85	43.87	-22.32
MRBLD1CB120_COS		-459.89	-457.85	385.89	145.11	43.41	-34.05	-20.51	-23.01	-36.55	-23.07	1.08	0.10	4.98	7.41	-5.04	-0.23
MRBLD1CB120_SIN		0.00	30.39	-163.59	21.58	240.70	77.07	42.94	25.69	-3.54	-15.21	49.56	-14.82	0.57	2.38	-6.67	-10.87
MRBLD1CB164_COS		-1955.12	-142.87	120.18	31.64	-22.64	-3.75	19.63	43.42	-38.31	-35.71	1.13	1.51	5.88	-2.19	26.24	-0.34
MRBLD1CB164_SIN		0.00	66.96	-57.70	21.28	97.02	35.64	3.96	11.88	4.11	-26.42	43.76	-6.95	4.89	-2.13	-19.85	20.93
MRBLD1FB42P75_COS		2958.11	338.90	-394.45	540.16	-196.52	-52.56	-103.95	-353.98	-117.98	-61.30	45.08	58.13	41.53	40.13	11.44	-70.81
MRBLD1FB42P75_SIN		0.00	44.36	26.33	140.87	-9.27	118.56	63.47	62.00	-70.58	-72.21	-125.97	14.20	-0.53	10.87	167.29	-15.89
MRBLD1FB70_COS		393.17	-2.33	-178.38	146.10	-66.46	-13.13	-10.92	-50.55	-3.33	3.63	0.35	-0.30	-2.71	-7.12	0.21	16.43
MRBLD1FB70_SIN		0.00	-196.96	31.19	40.61	-13.74	16.73	15.09	16.53	-6.42	0.31	1.23	2.35	3.80	-0.41	-35.06	2.59
MRBLD1FB87_COS		-93.83	23.83	-147.61	43.80	-56.62	-21.12	-2.06	32.87	17.02	12.01	-4.59	-10.80	-5.78	-6.69	-5.18	9.54
MRBLD1FB87_SIN		0.00	-189.49	54.09	62.43	0.33	3.17	-3.02	-6.05	6.30	9.18	28.26	-3.97	1.05	0.69	-31.49	4.66
MRBLD1FB120_COS		-458.64	21.95	-224.99	11.96	-13.88	0.44	17.55	75.42	7.13	-7.13	-5.95	1.67	3.82	8.32	3.67	-15.70
MRBLD1FB120_SIN		0.00	-220.77	100.72	134.98	38.30	-9.80	-28.34	-27.24	10.28	1.05	-10.01	0.13	-7.03	-4.57	45.96	-7.13
MRBLD1FB164_COS		-302.52	88.67	-317.37	92.60	179.13	65.64	0.80	-110.29	-11.92	7.83	4.25	-3.04	-3.96	-2.33	1.10	6.90
MRBLD1FB164_SIN		0.00	-370.02	113.28	144.67	72.24	-21.67	23.78	27.70	-17.60	-1.53	18.86	-4.48	0.19	2.36	-22.29	5.66

RUN	POINT	Harmonics															
61	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-319.72	29.33	-177.47	46.63	133.60	57.65	-19.62	-104.18	10.64	16.21	-18.11	-13.47	10.34	14.94	0.41	-20.35
MRBLD1FB180_SIN		0.00	-284.86	75.15	65.79	38.17	-11.40	37.26	39.94	-20.51	-8.50	57.71	-2.76	-9.55	-12.21	53.78	-8.01
MRBLD1TOR51_COS		-1592.73	86.18	5.85	104.19	-9.02	-38.55	-2.05	-41.31	5.82	4.02	-10.09	-0.77	5.05	4.70	-9.77	-2.78
MRBLD1TOR51_SIN		0.00	-202.52	10.52	37.41	27.27	20.76	4.00	26.65	-4.35	-7.14	-0.10	-4.52	-0.31	1.82	12.80	-7.66
MRBLD1TOR71_COS		-392.48	105.10	-2.29	77.59	1.75	-25.90	5.37	-22.37	5.96	1.70	-11.83	-1.68	3.76	5.02	-6.49	-1.55
MRBLD1TOR71_SIN		0.00	-193.35	5.80	16.57	17.78	16.19	5.20	30.72	3.53	-2.37	5.26	-3.93	-1.70	0.12	4.83	-4.34
MRBLD1TOR130_COS		-151.54	92.80	20.08	53.91	19.52	-17.80	3.12	-22.81	3.77	1.79	5.78	1.40	1.07	0.23	-1.53	0.25
MRBLD1TOR130_SIN		0.00	-183.25	-0.28	3.49	23.00	17.65	7.68	21.27	-0.32	-2.30	2.99	9.45	3.32	1.11	-5.96	4.53
MRBLD1TOR164_COS		-313.70	48.09	67.13	16.09	-3.38	-18.20	-4.52	-3.76	5.28	3.41	0.39	1.31	2.74	3.29	-5.79	-1.55
MRBLD1TOR164_SIN		0.00	-107.55	-11.07	-23.95	-2.83	14.92	9.40	16.18	1.49	-2.12	5.38	5.92	2.42	0.25	-2.32	-0.62
MRFBM2CB26P5_COS		-2028.81	-81.97	19.93	-68.93	-25.75	11.08	3.45	4.09	1.89	-3.88	6.15	-1.15	-1.89	-0.45	1.22	-1.99
MRFBM2CB26P5_SIN		0.00	-666.88	-15.32	-32.88	6.78	1.39	-1.21	-9.02	7.80	1.63	-5.35	1.95	-0.58	-1.27	4.75	-1.91
MRFBM2FB9_COS		247.78	-28.56	-129.04	32.29	21.08	13.78	6.04	-10.69	-0.47	2.91	-2.32	-0.08	1.58	-0.41	-1.82	1.23
MRFBM2FB9_SIN		0.00	3.31	76.23	128.12	-8.86	-9.12	7.39	14.36	-6.32	0.34	3.00	-0.91	-0.05	1.10	-4.85	1.74
MRFBM2TOR26P5_COS		-418.44	129.68	1.14	0.04	0.15	-0.23	-0.33	-0.08	-0.09	0.06	-0.15	0.13	0.00	0.01	0.23	0.10
MRFBM2TOR26P5_SIN		0.00	45.19	0.24	-0.98	0.51	-0.62	0.24	-0.26	-0.24	-0.03	0.12	-0.16	0.06	-0.01	-0.15	0.08

RUN	POINT	Harmonics															
61	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		-675.04	-1633.24	-65.22	256.28	-31.36	-63.69	-43.84	-139.90	10.74	25.72	36.39	14.40	5.26	7.43	-50.84	-8.66
MRPC1CB33P25_SIN		0.00	-125.64	-33.05	9.38	46.35	9.61	16.91	-26.49	-55.54	-19.25	-63.59	32.66	13.51	15.14	50.87	-23.53
MRPC1FB33P25_COS		2185.45	254.07	-345.41	413.77	-161.22	-78.14	-103.29	-296.67	-54.06	-2.70	104.33	31.80	28.64	17.32	-141.32	-25.71
MRPC1FB33P25_SIN		0.00	218.64	-42.91	217.15	-41.40	83.10	11.30	-94.94	-108.88	-84.47	-66.04	47.61	28.10	39.07	108.04	-73.01
MRPC1TOR25P5_COS		-643.27	-56.40	-55.87	-98.24	2.90	30.67	-8.74	27.85	-7.85	-0.04	20.18	3.73	-5.02	-1.89	-13.56	-1.80
MRPC1TOR25P5_SIN		0.00	260.28	-47.77	-11.48	-22.65	-12.23	-0.32	-35.31	-3.69	3.92	-4.22	15.97	2.43	2.86	-10.67	-0.05
MRPLK1LOAD_COS		-63.59	-2.60	-3.62	-12.54	1.07	4.80	-0.61	5.43	-0.81	-0.43	2.82	-0.03	-0.81	-0.27	-2.31	-0.10
MRPLK1LOAD_SIN		0.00	4.60	-3.64	-3.39	-3.73	-2.01	-0.43	-4.20	-0.13	0.29	-0.13	2.48	-0.02	0.04	-3.50	0.44
PITCHRH_COS		7729.89	-7951.28	-1065.88	-46.25	9.48	-906.39	-208.28	8.08	63.30	-20.24	-0.66	-76.69	18.33	-51.85	30.35	-476.98
PITCHRH_SIN		0.00	1710.39	-769.80	64.66	123.86	119.89	229.85	121.00	-47.68	-29.55	-243.41	-63.11	35.99	89.85	-24.64	321.76
ROLLRH_COS		865.45	-1424.07	816.77	13.73	-411.66	-208.80	-152.30	-39.06	90.32	49.19	323.89	42.36	-27.88	66.13	-63.70	-808.02
ROLLRH_SIN		0.00	-7675.41	-1295.47	-43.54	260.99	-101.16	-301.72	61.47	56.64	36.25	-119.04	-54.84	83.58	73.65	15.86	-548.72
TORQ_COS		31946.32	133.35	-7.80	-3.77	-136.22	95.82	3.67	27.88	-13.64	-4.61	-4.39	7.14	4.93	1.27	0.06	9.11
TORQ_SIN		0.00	723.89	-11.21	18.35	-110.61	71.73	1.09	27.36	-5.08	-2.87	7.35	6.04	-10.36	5.69	-9.83	-22.89
THRUST_COS		5757.74	56.32	9.25	3.03	30.50	37.65	8.48	17.66	-6.50	-4.65	-23.44	4.64	2.97	0.76	3.81	28.14
THRUST_SIN		0.00	-145.32	-5.08	9.78	37.01	-44.15	1.92	3.62	-1.20	0.74	36.86	-3.94	-4.07	-3.44	-23.08	41.74

RUN	POINT	Harmonics															
61	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-165.25	31.24	-17.99	-5.78	15.92	9.40	10.96	-0.57	-1.78	-2.59	-13.07	-2.05	1.30	-2.00	1.55	22.90
SIDERH_SIN		0.00	179.37	22.50	2.54	-90.85	-29.10	15.89	-2.54	-1.17	-0.15	5.24	3.60	-2.66	-2.07	-0.34	15.39
DRAGRH_COS		-191.79	223.08	18.10	2.53	-10.61	27.01	-0.95	-5.16	0.42	1.28	6.25	6.96	-2.81	1.37	-2.94	20.31
DRAGRH_SIN		0.00	-62.46	12.36	0.61	3.16	-13.27	-37.18	3.00	7.75	-0.94	12.76	-0.02	-0.82	-4.13	-0.73	-14.06

RUN	POINT	Harmonics															
63	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.28	-0.19	-0.30	0.08	-0.03	0.00	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN		0.00	0.58	-0.16	-0.11	0.03	-0.04	0.00	0.01	0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS		2.62	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-18.59	-4.38	-10.17	1.66	-1.35	0.14	0.74	-0.06	-0.23	-0.29	0.13	0.20	-0.04	-0.10	0.13	-0.25
ACT1FORCE_SIN		0.00	20.08	-4.42	-2.13	2.01	-1.13	0.34	0.60	0.44	-0.02	-0.38	-0.09	0.26	-0.03	0.20	0.02
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.63	-0.18	0.12	0.10	-0.02	0.06	-0.01	-0.01	-0.03	0.00	0.03	0.01	-0.02	0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN		0.00	-0.10	-0.18	0.05	-0.05	0.00	0.05	0.01	-0.01	-0.03	0.00	0.03	0.00	0.01	0.02	-0.02
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.09	0.16	-0.10	-0.09	0.03	-0.06	0.02	0.01	0.02	0.01	-0.02	-0.01	0.03	-0.02	0.02	0.01
FA1OBVOLTAGE_SIN		0.00	0.07	0.18	-0.09	0.02	-0.02	-0.04	-0.01	0.00	0.02	0.01	-0.03	0.00	0.01	-0.02	0.03
MRBLD1CB42P75_COS		-608.18	-1996.45	461.06	-47.45	18.39	-67.80	-75.62	-37.91	25.61	-15.74	-23.03	-7.54	-3.98	-2.60	-0.23	11.14
MRBLD1CB42P75_SIN		0.00	1128.50	87.43	38.00	206.97	-36.43	-2.46	-90.27	30.40	35.62	-85.44	5.59	11.43	12.16	2.82	22.13

RUN	POINT	Harmonics															
63	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4487.17	-1439.14	292.71	-49.05	134.09	-124.47	-94.25	-29.30	17.60	-4.74	-42.29	-5.74	-2.96	-4.01	-3.82	23.26
MRBLD1CB70_SIN		0.00	852.15	-64.12	111.30	285.18	-102.35	38.14	-50.44	14.47	36.23	-26.29	-1.18	7.67	7.53	1.37	25.59
MRBLD1CB120_COS		-249.69	-808.10	224.60	70.05	164.51	-128.14	-93.64	0.58	-17.62	0.30	15.79	0.85	3.66	2.71	2.85	-2.75
MRBLD1CB120_SIN		0.00	667.93	-111.47	81.80	338.44	-105.34	36.36	-44.49	-45.44	-35.04	45.55	3.10	-2.10	-0.83	-2.91	3.13
MRBLD1CB164_COS		-1981.07	-267.50	35.56	93.57	46.20	-69.49	-36.00	15.58	-24.17	2.81	36.13	2.82	3.19	2.06	2.21	-13.32
MRBLD1CB164_SIN		0.00	257.82	-46.62	40.13	154.33	-57.75	12.13	8.98	-44.59	-44.79	26.44	11.30	1.00	-1.93	4.74	-15.64
MRBLD1FB42P75_COS		2434.28	479.47	222.00	818.27	-19.94	-21.80	-142.90	-236.55	-78.00	-115.40	-32.38	9.14	-4.83	10.99	-3.87	43.12
MRBLD1FB42P75_SIN		0.00	-239.42	433.78	96.33	478.62	257.01	42.96	-227.49	6.90	-30.80	-142.62	9.91	2.19	-5.29	-17.57	5.71
MRBLD1FB70_COS		611.27	97.64	77.02	243.55	-8.33	-7.21	-29.61	-31.54	-0.56	-0.86	-0.71	1.23	0.96	-1.30	0.69	-8.26
MRBLD1FB70_SIN		0.00	-264.45	182.04	-2.58	134.51	47.09	8.18	-36.00	6.09	6.36	3.33	1.74	1.75	0.80	3.58	-2.45
MRBLD1FB87_COS		81.35	113.31	3.78	130.87	-16.77	-11.98	-1.43	18.57	11.64	22.45	10.15	0.33	3.13	-1.40	1.91	-8.08
MRBLD1FB87_SIN		0.00	-311.34	130.18	-3.74	58.06	7.82	-4.19	18.42	-4.02	5.93	33.13	-2.06	0.88	2.73	5.94	1.80
MRBLD1FB120_COS		-285.79	143.89	-87.52	132.61	-6.32	-27.49	15.14	40.67	-6.73	-7.57	-7.55	-7.43	-5.94	0.06	-3.13	12.60
MRBLD1FB120_SIN		0.00	-429.30	139.91	59.44	27.25	-5.25	-4.71	58.55	-4.62	-8.82	-14.47	-1.91	-5.24	-6.54	-9.75	-3.26
MRBLD1FB164_COS		-15.01	165.51	96.75	82.46	84.19	51.19	19.42	-40.93	2.92	11.19	8.12	6.22	5.15	-4.32	-2.02	-6.40
MRBLD1FB164_SIN		0.00	-648.56	283.62	181.24	-80.92	-52.26	-12.87	-87.26	9.34	15.38	21.79	-2.87	3.10	3.58	3.54	0.69

RUN	POINT	Harmonics															
63	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-90.28	13.52	128.43	4.80	58.22	57.84	8.03	-46.51	2.47	39.43	21.85	-9.97	-12.20	-6.22	-3.44	16.36
MRBLD1FB180_SIN		0.00	-479.32	195.98	127.87	-76.64	-24.99	-0.33	-76.93	0.81	17.41	68.67	-9.23	-10.16	-8.29	-12.80	-2.43
MRBLD1TOR51_COS		-1575.23	208.02	173.79	-12.92	20.73	-25.85	9.40	-45.88	-7.57	2.71	-0.40	-2.27	-2.35	0.12	2.16	2.61
MRBLD1TOR51_SIN		0.00	-306.61	232.18	89.99	-18.54	30.58	-44.28	-35.54	3.84	0.34	10.04	-1.62	-4.48	-5.44	-3.42	3.92
MRBLD1TOR71_COS		-414.04	231.82	136.16	-33.18	23.95	-13.39	18.80	-37.77	-2.99	6.25	-0.54	-3.49	-0.16	-0.05	2.78	1.11
MRBLD1TOR71_SIN		0.00	-286.38	200.42	60.70	-43.23	24.81	-37.88	-18.31	4.73	2.83	14.84	-1.74	-3.10	-3.21	-1.41	3.19
MRBLD1TOR130_COS		-161.01	210.68	137.75	-61.80	27.25	-4.57	13.28	-29.70	0.28	0.77	7.86	-3.60	1.65	-1.04	0.48	-2.03
MRBLD1TOR130_SIN		0.00	-257.79	141.11	60.27	-56.29	16.60	-27.74	-24.84	3.26	-2.92	-2.87	2.84	2.87	3.96	2.73	0.31
MRBLD1TOR164_COS		-339.37	116.12	90.31	-62.57	3.14	-7.49	-1.22	-16.90	4.41	5.18	-0.40	-3.06	2.08	-0.68	-0.25	0.51
MRBLD1TOR164_SIN		0.00	-137.06	49.00	10.01	-25.68	19.59	-13.45	-9.89	0.49	2.47	2.59	-2.15	0.74	3.03	-0.54	-0.15
MRFBM2CB26P5_COS		1460.23	-917.83	-222.66	9.60	-9.32	-16.00	14.56	-3.63	2.21	-5.99	11.77	-0.54	1.03	0.93	0.29	-1.71
MRFBM2CB26P5_SIN		0.00	-408.58	48.32	62.41	35.23	-7.45	2.43	-0.82	4.15	1.98	-16.40	0.89	0.86	-0.67	-1.34	-0.91
MRFBM2FB9_COS		654.95	-140.77	304.51	123.74	-61.54	15.67	4.05	-14.57	-2.99	2.87	-2.23	0.23	-0.40	-0.31	0.60	-1.49
MRFBM2FB9_SIN		0.00	-327.78	42.60	215.35	-35.40	-30.97	18.21	-8.22	-2.53	-4.08	5.06	1.91	-0.18	0.60	-0.32	-1.16
MRFBM2TOR26P5_COS		-161.61	268.98	-2.99	0.88	-0.17	-0.90	0.92	0.60	-0.16	0.35	-0.30	0.12	0.12	0.11	-0.16	0.04
MRFBM2TOR26P5_SIN		0.00	-6.43	0.56	-0.60	-1.34	0.29	0.35	0.24	-0.26	-0.04	0.14	0.19	-0.06	-0.03	-0.11	-0.11

RUN	POINT	Harmonics															
63	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		339.81	-1585.64	408.38	-38.80	-27.59	-33.41	-66.78	-36.12	22.70	-13.95	-4.34	-2.44	-0.42	0.23	1.82	6.90
MRPC1CB33P25_SIN		0.00	1072.43	72.95	1.34	146.97	3.71	-10.71	-81.70	7.85	1.47	-75.87	6.37	5.69	9.99	-0.87	19.81
MRPC1FB33P25_COS		1807.14	388.82	44.19	684.31	-109.16	-89.59	-133.33	-97.12	-56.47	-63.89	62.21	4.07	-1.68	9.88	13.52	20.36
MRPC1FB33P25_SIN		0.00	0.20	357.50	216.32	398.20	195.38	-8.09	-285.53	-39.87	-86.13	-126.72	12.07	-1.07	8.25	-13.17	44.70
MRPC1TOR25P5_COS		-219.50	-151.43	-210.56	57.44	-29.19	33.21	-13.49	43.82	11.48	0.64	8.85	0.75	6.85	-1.11	0.72	-2.81
MRPC1TOR25P5_SIN		0.00	81.54	-238.40	-92.41	39.95	-32.66	55.73	27.34	-7.66	-5.12	-20.52	5.15	10.05	13.03	7.22	2.76
MRPLK1LOAD_COS		18.98	-22.09	-27.69	5.70	-5.64	5.94	-3.19	6.06	3.07	0.45	1.57	-1.34	1.41	-0.17	0.36	-0.79
MRPLK1LOAD_SIN		0.00	17.29	-32.37	-15.77	5.01	-4.45	7.81	3.80	-1.30	-0.33	-2.62	0.17	1.60	2.48	1.04	0.80
PITCHRH_COS		9100.99	-9283.31	-866.77	428.83	37.35	-88.60	346.24	2.48	-59.29	-53.39	-13.72	-14.52	23.62	76.11	-10.91	-153.32
PITCHRH_SIN		0.00	898.77	-1435.91	112.74	-85.99	1501.48	110.33	131.39	130.91	-4.55	-280.26	43.09	-34.08	31.76	13.62	149.80
ROLLRH_COS		3424.57	-1146.77	1891.61	-134.49	174.36	-2730.07	-122.33	114.45	-183.87	126.90	137.96	23.12	74.60	-67.10	21.80	191.50
ROLLRH_SIN		0.00	-9262.02	-833.42	537.07	-155.83	1092.22	-87.92	-97.47	-58.03	-197.08	-95.20	-5.23	-6.49	-84.38	-36.96	180.23
TORQ_COS		103790.40	96.69	-75.04	70.62	-134.63	-38.14	3.23	39.81	-21.87	-2.86	-23.51	-2.69	0.26	-1.95	-6.00	8.80
TORQ_SIN		0.00	1267.02	-77.45	425.32	-168.80	-34.68	14.31	51.37	-28.40	-4.50	80.20	1.58	-6.72	5.12	-0.07	-1.94
THRUST_COS		5694.79	-3.97	20.94	71.64	8.58	42.33	5.88	23.33	6.05	-4.84	-6.79	-10.05	0.39	-1.19	11.84	-25.87
THRUST_SIN		0.00	-388.84	-11.61	19.96	25.60	-116.66	10.69	6.55	4.82	-0.12	62.42	-0.91	-0.52	7.26	-1.65	-15.87

RUN	POINT	Harmonics															
63	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-146.54	64.04	-55.05	14.22	41.49	103.69	13.40	-3.37	1.85	-3.51	-5.77	-0.43	-2.90	2.30	-1.13	-5.50
SIDERH_SIN		0.00	237.98	16.42	13.43	59.93	-160.79	-13.14	4.67	1.53	9.54	-2.35	1.93	0.96	2.54	1.27	-5.57
DRAGRH_COS		-60.86	244.19	28.80	-4.44	7.31	-2.19	-57.17	0.88	-6.26	3.41	-6.44	2.40	-0.59	-2.58	1.54	7.23
DRAGRH_SIN		0.00	-65.93	7.46	-7.11	-16.62	114.98	4.62	1.74	-10.93	8.57	12.54	-1.05	3.98	-0.53	-0.03	-8.94

RUN	POINT	Harmonics															
63	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.29	-0.15	-0.41	0.05	-0.09	0.01	0.00	0.00	-0.02	-0.01	0.18	0.00	0.00	-0.02	0.00	0.01
FLAP1C_SIN		0.00	0.74	-0.18	-0.12	0.08	-0.03	0.02	0.00	0.03	-0.03	0.13	0.02	0.00	0.00	-0.02	0.01
ACT1DISP_COS		2.62	0.02	0.05	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.08	0.02	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.51	-3.49	-12.11	1.66	-2.35	0.10	0.26	0.06	-0.43	0.31	-3.95	-0.25	0.60	-0.30	0.05	-0.06
ACT1FORCE_SIN		0.00	22.88	-4.63	-2.71	2.80	-1.03	0.48	-0.02	0.20	-0.46	3.60	-0.08	0.15	0.20	-0.52	0.05
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.64	-0.25	0.16	0.14	-0.02	0.04	-0.02	-0.06	-0.02	0.14	92.90	-0.09	0.01	0.08	0.05	-0.02
FA1IBVOLTAGE_SIN		0.00	0.00	-0.31	0.06	-0.19	0.15	-0.01	-0.02	0.02	-0.12	-12.50	-0.10	0.05	-0.18	0.00	0.08
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.20	0.26	-0.15	-0.13	0.00	-0.03	0.00	0.08	0.05	-0.16	-93.10	0.12	-0.02	-0.08	-0.05	0.01
FA1OBVOLTAGE_SIN		0.00	0.00	0.30	-0.06	0.18	-0.16	0.00	0.02	-0.01	0.13	12.64	0.11	-0.03	0.18	0.00	-0.08
MRBLD1CB42P75_COS		-658.13	-2059.61	472.58	-45.60	24.35	-69.87	-84.39	-35.90	8.96	-19.42	17.86	18.16	9.31	7.93	-10.88	12.09
MRBLD1CB42P75_SIN		0.00	1204.07	84.48	61.60	188.49	-39.61	-5.41	-106.24	46.24	9.98	-28.01	-21.45	17.71	17.85	15.58	25.64

RUN	POINT	Harmonics															
63	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4467.57	-1484.42	298.14	-44.10	157.95	-140.54	-106.42	-25.88	9.44	-15.63	8.40	15.05	8.59	4.50	-10.16	34.93
MRBLD1CB70_SIN		0.00	904.84	-66.08	129.95	275.82	-114.59	24.78	-52.59	29.95	14.56	-22.32	-15.19	9.03	10.45	9.28	31.53
MRBLD1CB120_COS		-254.53	-827.16	228.32	69.44	176.82	-148.98	-94.50	0.09	-6.39	-1.88	21.22	-15.61	-4.45	0.08	4.20	0.63
MRBLD1CB120_SIN		0.00	687.45	-113.62	96.52	337.86	-126.40	14.47	-30.61	-37.35	-38.22	49.30	31.46	-9.41	-2.69	-6.44	5.49
MRBLD1CB164_COS		-1984.74	-271.88	33.88	92.86	45.28	-77.72	-31.69	17.77	-13.06	3.32	15.10	-17.99	-6.85	-2.18	7.69	-21.15
MRBLD1CB164_SIN		0.00	266.49	-47.51	41.63	155.25	-71.70	4.70	19.99	-43.40	-42.56	48.46	25.19	-2.86	-2.83	-0.56	-22.08
MRBLD1FB42P75_COS		2439.24	495.17	249.39	800.19	-113.10	-0.82	-136.39	-241.10	-67.26	-115.94	91.44	7.97	-6.32	20.66	0.67	54.70
MRBLD1FB42P75_SIN		0.00	-266.45	427.68	135.11	480.05	235.45	28.00	-247.85	25.57	-51.58	-13.36	-2.70	-0.17	-13.49	17.75	8.56
MRBLD1FB70_COS		607.51	97.06	85.84	238.10	-34.66	-3.07	-28.40	-32.35	1.18	-1.30	3.49	0.72	0.45	-2.53	0.45	-10.23
MRBLD1FB70_SIN		0.00	-269.92	179.49	11.05	134.55	41.46	5.53	-39.30	9.53	4.24	2.93	2.58	2.09	2.15	-2.94	-2.26
MRBLD1FB87_COS		77.61	112.27	5.72	128.79	-27.63	-11.61	-0.03	18.48	11.11	22.76	-17.81	0.69	3.00	-3.72	0.52	-10.39
MRBLD1FB87_SIN		0.00	-314.51	128.27	0.77	60.75	5.80	-2.50	21.50	-6.66	11.05	4.80	3.16	1.61	4.85	-2.09	0.89
MRBLD1FB120_COS		-282.63	142.64	-90.04	132.94	-1.11	-28.75	16.63	43.13	-8.02	-6.96	-8.53	-7.26	-5.70	2.08	-1.51	15.78
MRBLD1FB120_SIN		0.00	-422.28	138.47	57.32	29.07	-7.68	-0.82	62.71	-9.87	-4.17	-7.07	-7.74	-6.27	-9.89	0.78	-2.88
MRBLD1FB164_COS		-19.79	163.56	117.18	75.85	121.32	41.08	14.03	-45.78	2.49	9.25	-6.56	4.55	5.87	-6.24	-4.04	-8.20
MRBLD1FB164_SIN		0.00	-664.58	282.73	191.58	-86.29	-38.73	-22.60	-92.77	17.38	11.02	4.91	1.58	3.82	6.81	-2.50	0.30

RUN	POINT	Harmonics															
63	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-95.49	6.90	148.10	-1.06	80.98	54.01	4.67	-54.14	1.82	35.45	-36.76	-15.22	-15.69	-7.11	-1.79	19.79
MRBLD1FB180_SIN		0.00	-497.07	195.45	135.60	-84.26	-15.92	-7.04	-78.87	4.59	20.64	10.48	-0.20	-11.26	-11.61	-3.15	-2.73
MRBLD1TOR51_COS		-1586.91	206.96	205.61	-19.14	27.33	-26.33	10.39	-43.73	-14.23	5.14	22.10	-9.71	-4.40	-3.14	1.33	5.61
MRBLD1TOR51_SIN		0.00	-337.19	236.71	103.22	-24.27	35.38	-41.49	-43.73	11.44	-14.69	9.59	8.63	-5.11	-6.60	-4.60	7.35
MRBLD1TOR71_COS		-424.54	231.48	165.39	-38.47	32.86	-14.92	19.98	-35.58	-8.50	7.21	18.01	-9.65	-1.60	-3.14	2.02	3.35
MRBLD1TOR71_SIN		0.00	-317.17	204.88	71.38	-47.42	29.79	-35.14	-24.69	10.30	-8.39	7.00	10.18	-3.49	-4.09	-4.29	4.37
MRBLD1TOR130_COS		-171.02	209.62	166.35	-64.98	38.96	-7.12	15.27	-26.74	-3.10	-0.64	18.04	-0.80	2.50	-0.68	-0.93	-2.69
MRBLD1TOR130_SIN		0.00	-288.82	144.94	68.97	-59.45	20.96	-26.80	-29.67	8.78	-9.25	3.22	9.27	4.19	5.09	1.15	-2.53
MRBLD1TOR164_COS		-347.78	114.56	108.07	-63.07	5.42	-6.99	1.32	-16.22	4.94	0.63	-1.75	1.36	3.08	2.43	-2.73	-0.34
MRBLD1TOR164_SIN		0.00	-159.20	51.67	13.87	-28.53	19.90	-11.63	-11.56	2.03	5.37	-11.09	0.06	1.13	3.71	1.23	-2.60
MRFBM2CB26P5_COS		1521.50	-966.06	-230.62	16.04	-9.03	-13.30	12.66	-4.75	0.16	-5.79	6.54	-0.66	-0.03	0.59	0.92	-3.30
MRFBM2CB26P5_SIN		0.00	-409.70	55.18	59.41	39.68	-4.91	5.68	-4.96	4.21	0.61	-0.53	-0.40	0.82	-1.28	0.17	-1.28
MRFBM2FB9_COS		684.50	-114.23	313.68	116.09	-56.82	15.80	3.38	-12.42	-4.73	3.62	-2.17	-1.19	-0.17	-0.13	0.16	-1.68
MRFBM2FB9_SIN		0.00	-339.62	29.50	222.19	-41.29	-31.90	18.38	-8.87	-1.96	-3.64	-0.30	1.57	-0.26	0.64	-1.27	-1.32
MRFBM2TOR26P5_COS		-160.02	272.54	-3.00	0.89	-0.10	-0.92	0.80	0.41	0.02	0.23	-0.25	0.24	0.06	0.10	-0.05	0.03
MRFBM2TOR26P5_SIN		0.00	-8.09	0.85	-0.62	-1.51	0.34	0.39	0.24	-0.16	-0.31	0.06	-0.11	-0.05	-0.01	-0.17	-0.03

RUN	POINT	Harmonics															
63	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		271.71	-1616.04	415.21	-39.74	-34.11	-28.09	-69.86	-37.04	13.84	-14.38	21.58	5.01	7.40	9.83	-5.65	7.11
MRPC1CB33P25_SIN		0.00	1134.60	64.82	21.42	129.98	0.96	-10.08	-95.04	21.90	-14.76	-12.34	-9.20	10.16	13.90	10.49	23.25
MRPC1FB33P25_COS		1807.89	404.81	67.34	663.25	-186.05	-67.70	-124.64	-92.53	-56.79	-54.20	77.99	12.43	0.79	23.62	-13.94	25.26
MRPC1FB33P25_SIN		0.00	-21.06	356.76	246.22	378.37	184.24	-18.63	-302.97	-18.64	-101.67	38.00	1.40	-2.78	9.73	12.24	55.37
MRPC1TOR25P5_COS		-210.59	-153.86	-242.23	63.69	-38.00	33.42	-13.77	43.43	18.93	-4.37	-13.97	14.80	11.51	4.41	-3.25	-5.80
MRPC1TOR25P5_SIN		0.00	108.81	-243.11	-104.78	45.05	-38.56	50.37	36.23	-14.73	13.14	-13.17	-3.20	11.95	15.32	7.69	-4.27
MRPLK1LOAD_COS		19.45	-23.22	-31.97	6.52	-6.79	5.75	-3.06	6.29	4.06	-0.59	-1.36	1.18	2.38	0.75	-0.48	-1.22
MRPLK1LOAD_SIN		0.00	20.64	-32.98	-17.30	5.70	-5.33	6.86	5.18	-2.27	2.54	-2.23	0.01	2.01	2.95	0.66	-0.63
PITCHRH_COS		9200.55	-9145.48	-851.13	392.08	90.13	-302.02	272.64	12.71	-66.63	-95.99	36.59	1.70	52.52	87.60	11.79	-248.57
PITCHRH_SIN		0.00	821.47	-1428.68	101.48	-111.99	1585.28	179.83	184.28	255.49	70.23	-327.15	16.21	-39.09	33.52	-8.91	231.46
ROLLRH_COS		3898.85	-1126.14	1968.77	-226.16	206.56	-2769.29	-154.94	129.01	-303.73	145.85	174.37	17.76	72.68	-26.22	13.07	14.31
ROLLRH_SIN		0.00	-9176.52	-762.66	589.94	-283.67	705.71	-79.81	-81.57	-156.77	-161.03	-124.35	-8.43	21.65	-56.48	-53.55	72.96
TORQ_COS		104403.53	-58.84	-78.15	45.43	-165.26	-31.08	7.30	43.99	-2.48	-4.02	-10.80	2.97	2.42	0.00	-5.28	11.87
TORQ_SIN		0.00	1281.11	-91.33	448.97	-146.32	-49.18	8.10	84.61	-33.75	-5.84	8.59	3.70	-7.47	5.74	-1.77	-3.43
THRUST_COS		5780.18	63.76	28.44	74.29	12.53	40.08	7.01	33.69	0.18	-4.51	-15.70	-6.85	2.65	-5.51	12.75	-32.14
THRUST_SIN		0.00	-404.28	-7.63	29.17	25.51	-114.64	6.39	14.86	2.54	-0.53	-3.38	3.36	-0.37	6.38	1.41	-18.29

RUN	POINT	Harmonics															
63	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-142.59	64.72	-58.72	8.84	39.62	116.99	16.62	-5.98	5.80	-4.00	-6.47	-0.33	-2.71	1.27	-0.44	-0.52
SIDERH_SIN		0.00	238.70	14.47	14.22	80.82	-145.28	-8.85	3.93	3.76	7.66	4.31	1.90	-0.26	1.47	1.60	-2.58
DRAGRH_COS		-64.81	246.08	28.71	-5.16	5.55	-17.56	-51.06	0.23	-6.39	2.41	-11.17	1.20	-2.43	-2.84	0.56	11.11
DRAGRH_SIN		0.00	-65.93	8.65	-11.06	-17.43	103.46	-5.90	7.21	-11.26	2.92	12.87	-0.84	6.10	-0.28	1.06	-12.81

RUN	POINT	Harmonics															
63	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.34	-0.67	0.23	0.03	0.10	-0.02	0.00	0.00	-0.03	0.03	-0.20	0.00	0.00	0.00	-0.01	0.00
FLAP1C_SIN		0.00	0.37	-0.36	0.11	-0.03	0.01	0.00	0.00	0.01	-0.01	0.00	-0.02	0.00	0.02	-0.01	0.01
ACT1DISP_COS		2.61	0.07	-0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.04	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.12	-19.53	6.08	0.23	2.84	-0.74	0.41	0.15	-0.33	0.45	1.19	0.25	-0.06	0.06	-0.14	-0.09
ACT1FORCE_SIN		0.00	11.98	-10.76	2.66	-1.58	0.41	-0.13	-0.13	-0.12	0.47	-5.01	0.06	-0.56	0.35	-0.42	0.08
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.65	-2.44	0.27	0.30	-0.05	0.79	-0.47	-0.18	-0.37	-0.68	-63.21	-1.75	-0.29	1.11	-0.24	-0.21
FA1IBVOLTAGE_SIN		0.00	0.63	0.13	0.08	0.33	0.20	-0.36	0.90	-0.38	-1.74	63.74	-0.50	-0.43	-0.03	-0.33	0.01
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.19	2.43	-0.27	-0.30	0.06	-0.81	0.49	0.16	0.38	0.67	63.01	1.74	0.31	-1.11	0.25	0.20
FA1OBVOLTAGE_SIN		0.00	-0.67	-0.11	-0.04	-0.39	-0.17	0.36	-0.93	0.33	1.68	-64.22	0.49	0.44	0.04	0.33	-0.01
MRBLD1CB42P75_COS		-730.33	-2222.73	-135.03	10.79	33.41	-12.27	-36.16	-58.95	-13.20	-16.13	19.60	-16.00	4.93	18.50	-6.51	3.31
MRBLD1CB42P75_SIN		0.00	-1017.18	417.91	-57.03	-203.14	77.92	76.08	-87.76	31.99	-13.29	15.77	15.34	-15.55	-0.93	17.65	24.28

RUN	POINT	Harmonics															
63	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4433.45	-1612.57	28.31	-20.46	-55.76	-51.94	-12.46	-36.79	-7.89	-18.72	7.20	-13.41	1.61	10.82	-7.80	21.43
MRBLD1CB70_SIN		0.00	-695.42	277.98	-115.76	-331.43	168.68	105.27	-44.72	18.22	-10.58	13.64	9.43	-10.16	0.19	11.46	36.83
MRBLD1CB120_COS		-265.24	-1026.09	79.62	-100.47	-62.88	-49.09	-9.22	-6.96	13.71	40.30	-51.42	16.96	-3.71	-2.59	0.77	-0.05
MRBLD1CB120_SIN		0.00	-244.03	222.40	-28.65	-390.21	175.81	86.52	-30.83	-35.26	-8.80	-14.27	-26.29	6.93	-1.04	-8.37	5.12
MRBLD1CB164_COS		-1978.93	-367.00	41.96	-94.15	6.22	-30.95	-5.04	19.96	10.87	44.84	-37.52	17.85	0.96	-3.02	8.26	-13.08
MRBLD1CB164_SIN		0.00	-48.12	35.44	16.22	-166.58	94.68	29.84	14.06	-37.59	-3.94	-19.19	-19.40	5.14	1.36	-2.94	-24.88
MRBLD1FB42P75_COS		2414.03	517.36	-447.77	-730.12	179.48	236.61	-4.13	-279.44	-69.28	35.50	-35.39	-3.29	-2.73	-3.12	-0.58	42.76
MRBLD1FB42P75_SIN		0.00	255.76	159.13	320.01	-403.84	-105.42	125.19	-169.30	-20.79	-117.90	27.76	-0.40	6.40	-18.78	17.61	18.68
MRBLD1FB70_COS		601.68	258.30	-183.15	-200.72	53.33	44.23	-1.07	-39.30	-5.03	-4.08	-4.28	-0.60	1.02	0.94	1.05	-7.90
MRBLD1FB70_SIN		0.00	-101.40	50.88	120.40	-114.18	-15.41	26.32	-28.91	6.64	-0.51	0.14	-2.26	-2.08	1.85	-3.33	-3.78
MRBLD1FB87_COS		79.70	301.69	-122.59	-105.51	36.76	11.49	-2.66	20.78	12.28	-7.00	5.32	-1.42	0.29	2.57	1.92	-8.60
MRBLD1FB87_SIN		0.00	-116.03	-14.74	66.84	-47.06	8.55	0.20	14.61	0.59	22.84	-4.87	-2.12	-3.92	3.09	-2.99	-0.90
MRBLD1FB120_COS		-278.68	403.12	-118.17	-138.69	13.93	4.76	1.81	52.09	-1.58	2.97	11.63	6.86	-1.07	-7.56	-4.54	13.43
MRBLD1FB120_SIN		0.00	-164.06	-106.39	13.19	-27.47	30.28	-10.06	48.59	-10.12	-7.75	-4.18	7.01	8.83	-2.17	2.98	0.40
MRBLD1FB164_COS		-35.16	603.44	-285.32	-166.51	-127.61	-54.68	-6.12	-57.84	-3.72	-10.65	-1.48	-4.60	0.57	4.36	-2.60	-6.62
MRBLD1FB164_SIN		0.00	-304.36	71.82	-119.92	40.23	-27.56	-31.70	-74.48	13.01	10.19	-1.22	-1.62	-7.51	5.78	-0.57	-1.98

RUN	POINT	Harmonics															
63	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-109.79	379.63	-207.11	-72.84	-92.83	-38.67	4.67	-63.87	0.53	-16.74	10.04	13.46	3.75	-11.21	-8.06	16.17
MRBLD1FB180_SIN		0.00	-312.67	113.39	-109.57	50.45	-45.52	-14.64	-60.12	3.42	34.83	-11.10	-0.21	17.61	7.05	0.73	1.23
MRBLD1TOR51_COS		-1598.03	390.71	-253.35	-42.57	-32.72	40.62	-30.48	-48.73	-18.58	13.26	-22.97	9.59	-0.23	-7.35	-2.57	2.70
MRBLD1TOR51_SIN		0.00	-73.25	162.74	-90.59	10.21	4.54	-26.93	-32.62	-2.65	5.76	7.93	-7.67	6.25	2.77	-4.72	6.84
MRBLD1TOR71_COS		-432.30	390.21	-217.69	-10.13	-42.47	30.17	-22.11	-36.77	-13.51	7.81	-19.63	9.68	-0.44	-4.75	-1.31	1.50
MRBLD1TOR71_SIN		0.00	-36.87	129.81	-75.62	31.30	-2.77	-32.93	-16.89	0.37	8.13	8.01	-8.88	3.37	2.64	-4.60	4.00
MRBLD1TOR130_COS		-179.01	356.23	-160.91	13.29	-49.59	18.41	-16.36	-30.05	-8.08	8.08	-12.38	1.60	1.47	5.50	0.11	-1.90
MRBLD1TOR130_SIN		0.00	-35.68	140.83	-87.89	40.70	-5.50	-25.50	-22.75	2.89	-0.23	8.98	-8.45	-4.65	1.09	1.57	-2.36
MRBLD1TOR164_COS		-350.44	197.19	-64.09	42.01	-12.58	19.14	-9.66	-17.48	1.52	-4.41	7.06	-0.72	-1.29	4.81	-1.77	0.38
MRBLD1TOR164_SIN		0.00	-22.73	98.82	-42.09	23.10	-2.76	-5.12	-8.42	2.85	1.34	7.64	0.00	-2.92	-1.56	1.80	-2.11
MRFBM2CB26P5_COS		1489.58	-187.97	-18.93	-36.94	20.47	0.18	9.05	-4.85	-0.61	-1.06	0.26	1.08	0.17	-0.66	0.69	-2.25
MRFBM2CB26P5_SIN		0.00	-997.78	-222.74	-41.64	-33.75	12.08	-9.94	-2.05	3.26	-5.23	3.35	0.58	-0.19	-1.10	-0.32	-2.37
MRFBM2FB9_COS		611.64	109.35	-75.65	-215.41	41.41	-36.57	17.32	-15.42	-3.02	3.91	0.65	0.58	0.06	0.50	-0.22	-0.97
MRFBM2FB9_SIN		0.00	-216.95	286.54	-126.39	48.14	-2.01	3.55	-5.13	-4.23	2.61	-0.37	-1.28	-0.05	0.39	-1.13	-1.49
MRFBM2TOR26P5_COS		-163.36	184.11	-0.34	-0.47	-0.41	0.53	0.70	0.49	0.06	0.25	0.09	-0.29	-0.11	0.01	-0.11	0.04
MRFBM2TOR26P5_SIN		0.00	199.57	-2.31	0.97	1.01	0.74	-0.47	0.08	-0.08	0.21	-0.20	0.10	-0.02	-0.06	-0.10	-0.04

RUN	POINT	Harmonics															
63	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		216.19	-1907.14	-108.51	25.10	63.63	11.37	-35.53	-57.19	2.37	10.75	7.27	-3.67	0.38	15.33	-3.99	0.25
MRPC1CB33P25_SIN		0.00	-676.47	364.21	-22.11	-119.95	24.93	60.23	-74.72	19.46	-12.92	9.26	7.71	-9.38	-3.64	10.61	20.74
MRPC1FB33P25_COS		1786.83	271.21	-350.57	-676.36	226.54	214.00	-42.49	-157.87	-34.77	92.18	-39.93	-7.39	-8.46	14.62	-14.15	9.07
MRPC1FB33P25_SIN		0.00	340.62	-6.51	155.14	-304.49	-16.08	104.44	-254.49	-51.04	-65.03	6.06	-1.47	-0.85	-14.21	9.93	51.38
MRPC1TOR25P5_COS		-205.18	-185.62	265.24	7.14	46.33	-45.81	38.46	46.49	24.09	-11.52	22.92	-13.50	0.80	16.56	2.79	-3.65
MRPC1TOR25P5_SIN		0.00	-39.06	-197.75	115.70	-27.22	-9.00	34.07	26.11	2.24	-5.36	-1.21	2.59	-15.75	-3.13	7.59	-3.28
MRPLK1LOAD_COS		20.24	-31.16	35.88	4.23	7.82	-6.91	4.75	6.67	4.58	-2.19	2.93	-0.95	-0.04	3.20	0.17	-0.99
MRPLK1LOAD_SIN		0.00	-3.51	-25.92	17.17	-2.72	-2.18	5.65	3.68	0.85	-0.61	0.56	0.05	-2.87	-0.51	0.72	-0.58
PITCHRH_COS		7538.69	-6594.82	1569.89	-351.88	-100.72	1403.32	283.20	75.18	-197.77	-80.72	215.60	10.25	-55.47	45.37	8.07	-304.76
PITCHRH_SIN		0.00	-6331.22	-661.79	136.66	100.93	-397.42	-123.27	177.81	133.73	-97.41	242.97	-5.27	-1.82	-77.37	-14.47	123.90
ROLLRH_COS		3324.10	6209.65	485.39	-120.24	-297.07	1857.20	-128.05	94.81	-193.59	204.80	-70.96	-18.96	-29.46	-25.71	-27.14	32.30
ROLLRH_SIN		0.00	-6863.81	2047.30	-538.10	195.36	2027.85	159.40	-113.43	-321.80	121.07	187.20	33.19	-55.42	13.27	-53.18	75.10
TORQ_COS		103063.30	-1012.81	110.39	-271.94	116.32	-2.95	8.02	61.68	8.57	5.46	-14.58	-2.65	-4.88	6.42	-5.37	10.98
TORQ_SIN		0.00	773.99	-53.35	-342.22	209.03	49.01	-1.54	54.22	-27.74	-2.44	-3.61	-4.39	2.49	1.46	2.43	0.50
THRUST_COS		5602.66	356.11	5.65	-75.64	-3.37	-125.93	8.34	31.73	-0.59	-0.53	1.07	5.35	-0.98	5.50	11.31	-24.14
THRUST_SIN		0.00	-207.46	28.73	12.26	-31.64	11.18	-2.98	1.99	3.69	-3.90	0.25	-4.07	-1.94	3.41	-5.40	-23.57

RUN	POINT	Harmonics															
63	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.53	-142.62	-3.22	-16.31	-18.01	-168.99	-0.21	-4.43	4.67	-9.19	3.91	0.47	1.77	0.79	0.74	-0.86
SIDERH_SIN		0.00	206.00	-58.12	-6.94	-82.91	-28.18	-20.49	4.77	6.79	-3.82	-6.77	-3.09	1.75	-0.87	1.49	-2.51
DRAGRH_COS		-81.98	212.89	-12.59	8.10	-10.95	92.46	-29.97	1.66	-1.17	-2.19	-1.36	-2.19	5.04	-1.00	0.89	14.99
DRAGRH_SIN		0.00	142.19	27.88	6.83	16.84	-41.72	42.63	6.01	-12.63	4.13	-17.66	0.42	-1.24	3.17	0.43	-8.18

RUN	POINT	Harmonics															
63	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.22	-0.62	-0.44	0.30	-0.18	0.13	0.09	-0.06	0.00	0.00	0.37	0.01	-0.01	-0.01	0.01	0.00
FLAP1C_SIN		0.00	0.64	-0.26	0.05	0.16	0.85	-0.01	0.04	-0.02	0.07	0.19	-0.05	0.01	-0.01	0.01	0.01
ACT1DISP_COS		2.62	0.07	0.05	-0.03	0.02	-0.02	-0.01	0.01	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.03	-0.01	-0.02	-0.09	0.00	0.00	0.00	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-21.94	-3.80	-11.12	3.71	-3.50	-8.45	2.55	-0.93	0.03	0.38	-0.79	0.28	-0.08	0.00	0.14	-0.02
ACT1FORCE_SIN		0.00	21.17	-5.84	-0.26	6.25	2.79	-0.47	1.34	-0.70	1.50	6.41	-1.20	0.10	-0.38	0.29	0.35
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.01	-0.01	0.01	-0.05	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.66	-71.73	-12.63	40.44	-6.64	122.68	-0.18	-0.23	0.30	-0.25	89.73	0.20	-0.14	0.13	0.06	0.19
FA1IBVOLTAGE_SIN		0.00	-2.55	-3.18	7.37	-2.95	140.75	0.12	-0.41	0.08	0.08	-16.94	0.14	0.08	-0.15	0.05	-0.16
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.02	-0.01	0.05	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS		403.32	71.88	12.72	-40.56	6.45	-123.52	-0.05	0.16	-0.11	0.20	-89.41	-0.17	0.11	-0.12	-0.04	0.27
FA1OBVOLTAGE_SIN		0.00	2.51	3.16	-7.31	3.06	-141.01	0.00	0.33	-0.09	0.16	17.70	0.09	-0.01	0.00	0.00	-0.33
MRBLD1CB42P75_COS		-668.03	-1951.25	424.81	24.68	-273.41	21.66	-106.78	-77.94	4.20	-33.33	39.88	-3.42	2.75	6.01	-26.37	22.32
MRBLD1CB42P75_SIN		0.00	1161.49	144.27	115.50	68.00	15.37	81.74	-187.56	12.61	38.61	-18.51	-14.92	-14.79	11.59	13.99	12.32

RUN	POINT	Harmonics															
63	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4474.13	-1405.91	257.12	70.69	-349.43	-171.46	-181.64	-46.86	-0.01	-16.83	3.36	-3.90	3.52	2.95	-23.10	31.27
MRBLD1CB70_SIN		0.00	876.33	-42.46	190.18	112.39	53.11	236.63	-142.67	17.27	46.78	-33.99	-16.71	-9.49	-2.32	5.32	27.55
MRBLD1CB120_COS		-232.71	-778.41	194.62	167.01	-235.42	-295.59	-183.04	20.98	-7.85	10.28	32.78	-8.55	-9.22	5.38	5.98	-0.77
MRBLD1CB120_SIN		0.00	676.59	-95.00	100.91	255.49	-0.47	285.23	-70.55	-8.87	-41.98	46.80	29.45	2.19	-8.19	-3.00	8.01
MRBLD1CB164_COS		-1972.56	-267.91	22.70	150.48	-109.53	-194.65	-80.19	41.78	-20.96	8.74	37.12	-8.67	-9.71	-2.40	16.47	-21.10
MRBLD1CB164_SIN		0.00	263.51	-53.00	49.63	147.92	-12.58	106.52	35.41	-21.78	-64.93	67.44	30.84	2.01	2.19	4.72	-20.76
MRBLD1FB42P75_COS		2446.48	467.41	220.38	782.00	190.48	12.07	-37.47	-303.59	-14.95	-129.37	196.13	-6.28	-21.40	31.04	-3.28	43.33
MRBLD1FB42P75_SIN		0.00	-223.15	505.04	-66.24	667.30	-85.74	120.79	-342.80	-1.84	-14.12	-42.24	40.91	-13.89	-19.73	32.73	-21.63
MRBLD1FB70_COS		611.81	94.88	68.22	258.90	14.19	-2.94	-9.51	-44.55	5.85	-0.50	2.92	1.41	2.67	-3.51	2.27	-8.58
MRBLD1FB70_SIN		0.00	-250.07	199.46	-45.44	198.25	-34.29	31.19	-56.74	5.59	7.42	1.27	0.61	2.91	1.70	-6.82	3.84
MRBLD1FB87_COS		82.88	105.39	-4.65	157.08	-8.59	-24.74	-3.56	26.79	4.07	26.49	-41.07	5.21	7.92	-5.73	2.29	-7.90
MRBLD1FB87_SIN		0.00	-298.52	129.15	-23.11	101.17	-9.19	-9.93	31.13	-3.33	3.23	10.48	-8.34	5.84	6.11	-4.98	6.88
MRBLD1FB120_COS		-281.98	118.85	-91.18	178.09	-11.24	-59.47	-11.11	59.29	-14.44	-8.47	-2.51	-10.16	-10.51	4.71	-4.64	12.36
MRBLD1FB120_SIN		0.00	-416.34	120.64	56.88	50.01	56.45	-35.24	86.04	-1.14	-5.50	-4.95	-0.28	-9.94	-8.88	6.11	-11.10
MRBLD1FB164_COS		-26.09	189.46	121.02	27.14	52.44	37.04	57.86	-54.28	12.17	5.80	-20.26	7.83	12.01	-8.08	-5.11	-6.85
MRBLD1FB164_SIN		0.00	-661.89	343.54	170.88	-208.93	-4.22	-13.50	-128.28	17.73	9.97	4.40	-8.87	6.57	10.18	-4.73	1.86

RUN	POINT	Harmonics															
63	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-93.64	38.37	151.48	-57.41	25.82	46.66	55.23	-56.20	4.06	28.94	-79.09	-4.62	-16.43	-10.57	-0.85	19.55
MRBLD1FB180_SIN		0.00	-493.66	250.80	127.78	-174.35	-41.01	15.84	-114.31	16.36	5.36	16.42	-11.36	-3.37	-12.84	0.11	-9.58
MRBLD1TOR51_COS		-1567.08	264.84	157.50	-78.77	74.67	133.10	-20.59	-44.35	-16.33	13.15	33.80	-8.84	-8.12	1.85	6.85	2.54
MRBLD1TOR51_SIN		0.00	-298.16	309.64	7.91	-93.04	-70.38	-46.48	-37.36	-12.53	-13.23	8.72	8.90	-4.52	-12.38	0.98	11.24
MRBLD1TOR71_COS		-404.44	285.06	121.61	-96.93	79.52	127.11	-4.82	-32.11	-11.93	13.63	26.43	-4.06	-7.27	-1.27	5.94	0.73
MRBLD1TOR71_SIN		0.00	-278.07	268.78	-11.84	-114.86	-63.23	-47.86	-11.33	-11.22	-7.41	4.05	6.95	-1.94	-10.08	2.45	7.77
MRBLD1TOR130_COS		-152.00	266.08	126.69	-129.09	67.88	109.82	4.18	-21.55	-0.59	-5.22	31.48	4.17	-2.41	-4.41	-2.83	-1.20
MRBLD1TOR130_SIN		0.00	-250.32	204.56	4.31	-135.38	-65.12	-32.55	-24.70	-3.33	-6.07	1.86	5.18	3.05	2.34	3.58	-3.68
MRBLD1TOR164_COS		-333.92	158.01	80.00	-105.08	23.84	66.74	-2.63	-12.28	5.94	-2.47	-7.38	6.91	2.45	-3.99	-8.69	4.44
MRBLD1TOR164_SIN		0.00	-129.90	85.73	-23.92	-58.17	-58.62	-8.72	-10.03	-1.01	5.95	-17.12	-5.27	0.60	5.53	-1.77	-8.10
MRFBM2CB26P5_COS		1566.44	-911.80	-253.14	52.04	-58.66	13.94	42.80	-7.86	-0.96	-9.58	15.21	-0.48	-1.96	1.09	-0.34	-1.93
MRFBM2CB26P5_SIN		0.00	-553.49	28.64	80.01	-18.89	44.42	9.25	-2.24	-7.12	-0.39	9.01	-1.07	0.96	-0.01	1.07	-1.84
MRFBM2FB9_COS		591.24	-69.19	357.80	121.30	-96.70	-6.39	15.28	-12.53	-4.53	3.24	-5.98	-0.81	-0.45	-0.25	0.23	-2.11
MRFBM2FB9_SIN		0.00	-122.53	34.32	149.10	-21.13	-0.07	25.30	-28.22	-1.38	-4.34	-3.28	1.10	-0.41	0.64	-0.99	-0.44
MRFBM2TOR26P5_COS		-162.92	275.68	-4.23	0.94	-3.35	3.20	1.86	-0.10	0.23	-0.38	-0.24	0.15	0.38	0.08	0.09	0.02
MRFBM2TOR26P5_SIN		0.00	-11.20	0.91	-0.45	-1.69	0.83	-1.33	-0.01	-0.36	-0.21	0.17	-0.06	0.10	0.35	-0.18	0.04

RUN	POINT	Harmonics															
63	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		255.74	-1517.81	383.18	-14.33	-130.34	63.89	-68.93	-74.02	20.38	-27.57	55.12	-4.53	-0.02	10.77	-19.96	14.93
MRPC1CB33P25_SIN		0.00	1081.87	126.48	43.04	100.60	-32.62	27.50	-138.64	2.98	2.19	1.05	0.47	-14.60	7.46	10.39	9.90
MRPC1FB33P25_COS		1815.55	382.25	33.09	688.19	5.16	26.54	-74.77	-107.50	-1.68	-86.64	171.44	-26.72	-0.31	32.81	-30.97	45.29
MRPC1FB33P25_SIN		0.00	12.23	415.11	79.38	602.24	-66.64	97.17	-407.36	-14.07	-81.58	76.18	21.99	-24.93	12.84	17.59	30.38
MRPC1TOR25P5_COS		-240.12	-215.62	-193.62	133.16	-98.22	-141.84	26.63	46.70	24.57	-20.37	-19.29	18.57	9.09	-6.53	-15.76	0.87
MRPC1TOR25P5_SIN		0.00	63.15	-318.33	-5.30	124.01	67.17	64.46	22.74	10.37	16.90	-12.82	-9.29	7.67	19.20	7.48	-12.61
MRPLK1LOAD_COS		15.38	-31.32	-25.86	16.16	-15.42	-19.34	3.26	8.06	5.23	-3.88	-1.36	3.43	0.93	-1.97	-2.88	-0.12
MRPLK1LOAD_SIN		0.00	14.67	-43.23	-3.69	16.41	8.64	8.89	3.60	1.06	3.79	-2.70	-2.37	1.18	2.83	1.63	-2.10
PITCHRH_COS		9357.92	-8890.25	-1016.32	-129.77	-72.90	2013.81	123.88	-273.33	160.05	35.89	40.96	-53.76	-41.14	-104.14	24.63	-160.53
PITCHRH_SIN		0.00	2420.17	-1242.84	-27.37	-303.76	1825.03	49.54	390.87	159.45	-33.12	-270.19	204.01	-77.09	155.19	93.36	199.14
ROLLRH_COS		3587.76	-1747.29	1740.96	-313.36	-265.07	-3580.62	171.94	141.09	274.58	188.20	286.40	-157.60	27.24	-114.21	219.93	95.34
ROLLRH_SIN		0.00	-8924.18	-1003.50	89.09	-423.25	2670.64	-112.84	-137.00	-362.32	124.02	34.29	75.36	-116.11	63.80	-51.56	-181.87
TORQ_COS		104704.91	260.45	-61.64	-11.29	44.47	-399.05	39.15	80.33	25.44	0.39	-51.07	0.32	8.83	-4.43	-2.08	12.27
TORQ_SIN		0.00	336.71	-74.22	-26.72	136.07	-138.09	20.70	63.29	13.90	-9.96	-25.93	-1.16	-5.08	4.59	-5.31	-4.00
THRUST_COS		5741.19	-7.60	-2.72	-13.40	-8.98	-98.53	3.28	59.07	-22.25	-16.52	-24.46	-17.45	-7.67	-10.32	1.74	-35.70
THRUST_SIN		0.00	20.32	2.96	3.91	-3.86	-40.46	3.11	-4.37	-2.31	3.45	-45.08	3.34	-9.32	6.80	17.46	-26.83

RUN	POINT	Harmonics															
63	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-138.32	63.98	-39.45	-10.45	139.98	98.31	-14.46	-7.76	-10.39	-6.22	-8.29	3.51	-0.91	2.78	-6.74	-2.20
SIDERH_SIN		0.00	234.97	23.10	1.03	28.14	-363.37	5.65	5.07	12.00	-4.80	0.18	-1.33	1.64	-1.55	1.35	5.44
DRAGRH_COS		-66.39	242.05	20.51	4.83	-7.54	55.75	-4.11	4.07	0.43	-7.13	-13.81	2.77	0.39	5.70	-1.44	3.14
DRAGRH_SIN		0.00	-56.60	-0.83	-7.47	-19.08	462.28	12.69	10.37	-11.57	5.38	13.44	-5.59	1.79	-7.20	-3.99	-9.08

RUN	POINT	Harmonics															
63	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS		0.39	-0.46	-0.52	0.29	-0.12	0.74	0.03	-0.02	-0.03	0.03	0.34	0.01	0.00	-0.01	0.00	0.03
FLAP1C_SIN		0.00	0.66	-0.20	0.01	0.24	0.73	-0.07	0.08	-0.02	0.04	-0.03	-0.04	0.01	0.00	0.01	-0.01
ACT1DISP_COS		2.60	0.05	0.06	-0.03	0.01	-0.08	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN		0.00	-0.07	0.02	0.00	-0.03	-0.08	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS		-22.25	-2.94	-11.93	3.79	-0.76	-5.86	0.95	0.21	-1.00	0.70	2.61	0.42	-0.04	-0.03	-0.05	0.64
ACT1FORCE_SIN		0.00	21.83	-5.15	-1.75	6.69	8.17	-1.93	2.11	-0.54	0.62	4.44	-0.97	0.33	-0.13	0.33	-0.24
FA1IBCURRENT_COS		-0.01	0.00	0.00	0.00	0.01	0.05	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN		0.00	0.01	0.01	-0.01	0.01	-0.11	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS		402.72	-49.36	-16.74	33.69	-10.56	220.42	-0.02	-0.46	0.28	-0.14	50.12	0.16	-0.06	0.07	-0.04	-0.06
FA1IBVOLTAGE_SIN		0.00	-9.66	3.18	9.63	6.60	54.37	0.05	-0.13	-0.20	0.00	-48.46	0.18	0.15	-0.12	-0.09	0.03
FA1OBCURRENT_COS		0.02	0.00	0.00	0.00	-0.01	-0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN		0.00	-0.01	-0.01	0.01	-0.01	0.12	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.01
FA1OBVOLTAGE_COS		403.28	49.44	16.82	-33.79	10.48	-221.03	-0.10	0.36	-0.12	0.23	-49.74	-0.09	0.10	-0.09	0.10	-0.19
FA1OBVOLTAGE_SIN		0.00	9.66	-3.25	-9.61	-6.44	-54.63	0.16	0.20	0.09	0.20	48.09	-0.09	-0.08	0.03	0.09	-0.60
MRBLD1CB42P75_COS		-685.50	-1658.30	481.86	-20.66	-163.20	16.93	-41.75	-131.44	4.05	-10.01	32.92	-62.85	-25.85	14.03	-11.15	12.56
MRBLD1CB42P75_SIN		0.00	1248.14	130.92	97.37	260.64	-93.84	117.70	-244.96	12.73	50.62	-73.80	12.48	-30.38	8.47	37.58	2.00

RUN	POINT	Harmonics															
63	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS		4439.76	-1222.13	297.49	-0.37	-135.39	-125.46	-1.13	-109.50	-1.96	5.27	-49.45	-43.28	-13.83	1.75	-10.79	35.02
MRBLD1CB70_SIN		0.00	934.33	-54.32	147.32	421.30	-35.91	294.27	-188.10	28.51	57.28	-44.13	6.13	-19.34	-2.05	21.59	8.83
MRBLD1CB120_COS		-245.09	-708.56	224.57	108.31	-3.68	-258.28	52.02	-12.71	-15.54	-15.15	41.86	32.97	3.89	-2.02	3.55	4.25
MRBLD1CB120_SIN		0.00	685.33	-101.87	82.15	486.03	-8.73	336.33	-126.10	15.10	-57.79	43.72	17.62	19.81	-7.78	-10.02	3.80
MRBLD1CB164_COS		-1950.67	-247.42	29.16	130.06	0.10	-167.37	7.15	47.35	-29.34	-22.07	87.87	29.91	-6.60	-0.20	9.93	-26.23
MRBLD1CB164_SIN		0.00	259.77	-54.16	44.24	230.73	18.27	130.85	27.08	-9.97	-82.55	58.01	20.69	17.54	2.28	-5.07	-5.86
MRBLD1FB42P75_COS		2335.66	399.71	219.08	775.50	223.76	-185.42	16.84	-439.65	-32.83	-143.62	188.28	5.67	-35.43	26.38	36.53	16.40
MRBLD1FB42P75_SIN		0.00	-248.96	472.20	64.82	426.22	-53.05	85.45	-490.54	16.99	-9.25	-218.68	73.40	-11.69	-36.78	23.44	-22.71
MRBLD1FB70_COS		602.48	99.82	72.45	247.38	49.92	-52.93	7.99	-71.03	3.47	-0.82	-0.37	2.12	3.45	-3.96	-5.98	-3.16
MRBLD1FB70_SIN		0.00	-255.20	195.56	-12.56	142.74	-28.49	26.16	-81.90	7.88	7.36	0.95	0.57	3.40	4.26	-6.02	4.31
MRBLD1FB87_COS		79.41	109.48	-5.47	149.31	13.72	-31.53	-6.87	38.96	6.58	28.43	-38.90	3.83	12.34	-4.88	-7.08	-2.31
MRBLD1FB87_SIN		0.00	-301.34	131.28	-13.00	73.21	0.68	-7.77	42.29	-5.99	1.79	49.22	-19.30	4.94	9.99	-3.71	7.08
MRBLD1FB120_COS		-280.88	121.71	-106.44	174.59	2.35	-14.55	-34.29	94.74	-10.49	-5.79	2.24	-11.51	-14.09	4.98	8.55	3.24
MRBLD1FB120_SIN		0.00	-404.45	123.86	54.47	51.93	73.60	-25.37	121.53	-4.52	-5.98	-11.89	7.46	-10.32	-14.07	4.71	-11.52
MRBLD1FB164_COS		-44.83	175.55	117.29	43.28	-14.38	69.84	68.82	-101.68	12.20	4.51	-23.85	8.27	16.22	-5.68	-13.45	-3.74
MRBLD1FB164_SIN		0.00	-657.02	316.47	198.79	-123.89	-9.23	-37.78	-188.46	18.98	15.55	26.74	-18.40	5.01	14.56	-2.15	1.25

RUN	POINT	Harmonics															
63	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS		-117.63	27.01	155.23	-43.93	-21.30	39.07	78.93	-102.35	9.33	33.80	-74.55	0.51	-9.50	-9.23	9.93	10.14
MRBLD1FB180_SIN		0.00	-494.92	227.10	149.92	-115.75	-40.24	-9.01	-172.10	11.00	12.45	94.51	-29.79	-2.86	-10.75	-2.40	-14.69
MRBLD1TOR51_COS		-1603.04	250.30	193.30	-87.97	27.07	44.41	-20.99	-64.94	-34.86	6.35	19.44	3.00	-7.60	-3.05	7.01	11.56
MRBLD1TOR51_SIN		0.00	-332.07	286.97	58.11	-100.09	-201.87	-14.23	-64.11	4.66	-24.23	-3.31	6.95	0.97	-12.50	-1.60	2.39
MRBLD1TOR71_COS		-435.70	268.06	153.45	-102.20	27.89	49.48	-9.94	-48.90	-28.26	10.43	9.64	6.10	-6.45	-4.33	6.29	7.69
MRBLD1TOR71_SIN		0.00	-312.53	250.16	31.09	-121.26	-179.94	-23.61	-27.36	3.54	-18.27	-1.36	1.30	3.33	-8.26	-0.53	2.65
MRBLD1TOR130_COS		-179.97	247.19	156.15	-129.66	15.24	37.64	4.54	-39.88	-10.61	-2.64	26.81	1.67	-3.65	-1.54	-1.17	-4.73
MRBLD1TOR130_SIN		0.00	-285.85	188.05	38.89	-128.58	-159.21	-22.87	-39.92	5.63	-12.59	-9.96	-0.31	2.95	4.55	3.93	0.03
MRBLD1TOR164_COS		-353.25	144.02	101.95	-106.68	5.44	3.29	1.28	-23.96	3.80	4.78	-16.11	1.33	2.08	0.75	-6.51	-5.01
MRBLD1TOR164_SIN		0.00	-157.18	78.25	-6.45	-61.07	-113.03	-6.82	-13.45	0.94	4.78	-5.82	-11.36	-1.93	7.71	3.29	-4.82
MRFBM2CB26P5_COS		1609.55	-874.65	-254.96	46.17	-79.66	17.26	43.56	-9.14	-3.13	-9.78	30.76	-1.04	-0.67	0.94	0.92	-2.35
MRFBM2CB26P5_SIN		0.00	-392.91	41.80	75.56	20.22	8.47	-14.97	-0.37	-8.27	1.53	-2.99	-0.39	4.20	-1.34	1.02	-0.05
MRFBM2FB9_COS		572.71	-103.14	348.81	104.08	-80.88	10.30	22.74	-24.95	-3.87	2.86	-8.89	0.08	-1.24	0.27	-0.66	-1.76
MRFBM2FB9_SIN		0.00	-240.65	34.44	170.09	-4.93	4.17	17.23	-27.96	-2.89	-4.04	1.07	2.80	-0.84	0.70	-0.63	0.26
MRFBM2TOR26P5_COS		-166.43	262.56	-4.15	1.13	-3.68	3.02	-0.09	0.28	0.12	-0.21	-0.12	-0.01	0.40	0.14	-0.09	0.16
MRFBM2TOR26P5_SIN		0.00	-9.57	0.81	-1.05	-0.30	-1.55	-1.61	-0.01	-0.20	0.27	0.41	0.19	-0.04	0.16	-0.16	-0.12

RUN	POINT	Harmonics															
63	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS		219.09	-1289.87	437.50	-37.22	-86.24	31.89	-48.06	-104.57	20.34	-16.88	71.61	-34.56	-20.35	15.36	-6.48	7.52
MRPC1CB33P25_SIN		0.00	1137.41	107.22	48.60	155.82	-92.79	42.58	-178.93	-1.37	6.55	-59.17	20.01	-20.71	2.63	28.65	4.13
MRPC1FB33P25_COS		1787.40	329.50	38.27	660.39	95.10	-138.81	-14.20	-156.70	-22.47	-98.41	266.87	-43.38	-12.25	42.80	0.39	32.31
MRPC1FB33P25_SIN		0.00	-6.23	389.48	186.40	423.49	-95.34	84.50	-579.01	-10.49	-84.16	-53.94	53.08	-35.78	0.62	47.28	5.73
MRPC1TOR25P5_COS		-228.41	-199.25	-229.92	139.64	-37.46	-52.68	32.79	63.20	43.46	-3.81	-3.75	-3.98	5.06	4.30	-9.48	-13.50
MRPC1TOR25P5_SIN		0.00	119.64	-295.21	-57.11	133.50	210.87	22.50	44.43	-8.39	26.77	-6.20	-11.08	-0.27	22.16	14.02	-0.44
MRPLK1LOAD_COS		18.55	-29.12	-30.61	16.85	-6.95	-7.24	4.35	9.66	7.55	0.11	-0.28	-0.74	-0.10	0.24	-1.45	-2.30
MRPLK1LOAD_SIN		0.00	22.27	-40.14	-10.69	17.77	29.11	1.88	7.00	-1.48	4.50	-1.69	-3.90	0.09	3.87	2.49	0.19
PITCHRH_COS		11483.17	-8763.45	-1089.79	3.05	12.93	1584.95	231.95	-92.87	274.93	55.65	-183.44	99.48	-46.25	32.39	48.54	-202.86
PITCHRH_SIN		0.00	1605.23	-1222.48	-19.38	-283.92	638.98	-33.06	375.07	89.34	-216.75	-324.47	173.46	-34.86	140.55	36.26	286.88
ROLLRH_COS		3584.84	-1203.70	1738.89	-172.81	-28.16	-2148.87	53.26	104.15	155.74	254.24	280.33	-85.90	-26.13	-101.97	92.75	-321.53
ROLLRH_SIN		0.00	-8773.95	-1044.45	165.80	13.26	3051.08	-108.09	-171.60	-263.01	29.27	-27.84	157.73	-129.52	69.45	-219.64	172.19
TORQ_COS		104132.74	316.94	-70.18	45.98	-120.16	-442.90	35.99	83.67	23.64	-5.33	-111.17	-4.70	9.68	-2.47	-6.75	6.71
TORQ_SIN		0.00	437.71	-55.26	46.32	-52.88	100.07	6.51	56.63	27.01	-7.65	41.16	-1.91	-12.99	7.77	-7.76	-9.37
THRUST_COS		5701.67	-8.03	-0.22	-2.61	0.93	-41.18	3.84	54.80	-10.63	-12.54	-74.57	-15.04	-22.17	3.25	12.16	-45.78
THRUST_SIN		0.00	3.19	0.39	-6.32	10.25	27.76	0.49	-3.32	-5.50	13.99	-13.68	-1.42	1.61	13.35	9.99	7.12

RUN	POINT	Harmonics															
63	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS		-133.34	39.35	-37.30	-7.01	74.56	-65.45	-5.13	-6.71	-6.37	-8.19	-5.60	2.36	-0.19	2.81	-2.50	10.03
SIDERH_SIN		0.00	238.54	22.25	0.19	-18.91	-318.97	6.13	6.38	9.48	-1.61	-4.37	-4.05	2.57	-1.33	6.95	-6.82
DRAGRH_COS		-39.03	248.67	21.93	4.86	-5.91	293.07	-12.87	5.89	-2.58	-6.25	-4.89	-2.79	-0.86	0.33	-4.77	8.72
DRAGRH_SIN		0.00	-36.24	-0.74	-5.10	-16.22	326.21	17.13	9.55	-4.95	16.40	21.69	-6.55	3.71	-7.82	0.05	-11.49

Appendix J- Control Power Static Data

Control power from the active flaps was evaluated by applying equivalent steady-state collective, lateral, or longitudinal cyclic flap deflections and observing the resulting changes in normal force, roll, and pitch moment. Flaps were controlled either by individual blade control (IBC), specifying harmonic and phase, or through software implementation of a virtual swashplate (VSP), using amplitude and collective, longitudinal, and lateral cyclic commands. Flap deflections were generated from -3 to 3 deg using the VSP software for flap inputs on each blade, or by applying steady offset for collective $1P/90$ deg for roll and $1P/180$ deg for pitch inputs (IBC). Results for position control flap inputs, both VSP and IBC, and comparable swashplate inputs were obtained at $\mu = 0.2$ for level flight and descent, and for level flight at $\mu = 0.3$. All test conditions for the control power study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices J and K contain control power data that *were* subjected to the control criteria.

Control Power	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	-5.5	0.075	0,1
	2	82	0.2	0.623	2	0.075	0,1
	3	124	0.3	0.623	-9.1	0.075	0,1

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
46	123	5663	0.075075	0.623	0.808	1065	5967	105170	-158	-127
71	-9	10.23	-1.79	6.18	0.39, 0.57, 0.33, 0.13	0, 11, -147, -47, 147	multiple(0, 1, 2, 3)	49.83	1120.19	0.006865
	657	0.186	0.299	698	394	2067	0.0023	522	3.75779E-07	
46	123	5327	0.070666	0.623	0.808	-426	-6181	106585	-161	-276
72	-9	10.32	-1.79	7.16	0.44, 0.57, 0.32, 0.13	0, 114, -143, -45, 148	multiple(0, 1, 2, 3)	49.85	1120.37	0.006961
	666	0.186	0.299	698	394	2067	0.0023	522	3.75873E-07	
46	123	4765	0.063184	0.623	0.808	-2539	-18631	104868	-164	-420
73	-9	10.33	-1.80	8.18	0.54, 0.58, 0.34, 0.13	0, 116, -140, -42, 131	multiple(0, 1, 2, 3)	49.84	1120.32	0.006846
	655	0.186	0.299	698	394	2067	0.0023	522	3.75848E-07	
46	123	5782	0.076703	0.623	0.808	1552	5597	107515	-162	-129
74	-9	10.36	-1.79	6.23	0.36, 0.56, 0.32, 0.13	0, 111, -149, -52, 156	multiple(0, 1, 2, 3)	49.81	1120.49	0.007022
	672	0.186	0.299	698	394	2067	0.0023	522	3.75938E-07	
46	123	6339	0.083985	0.623	0.808	4366	20627	106575	-162	63
75	-9	10.37	-1.79	5.20	0.25, 0.57, 0.34, 0.14	0, 108, -153, -54, 140	multiple(0, 1, 2, 3)	49.81	1120.53	0.006952
	666	0.186	0.298	698	394	2067	0.0023	522	3.75959E-07	
46	123	5955	0.078876	0.623	0.808	2433	25733	95780	-160	130
76	-9	9.68	-1.79	4.24	0.34, 0.57, 0.33, 0.12	0, 105, -155, -60, 166	multiple(0, 1, 2, 3)	49.72	1120.61	0.006247
	599	0.185	0.298	698	394	2067	0.0023	523	3.75999E-07	
46	123	5730	0.075932	0.623	0.808	1244	6409	106078	-160	-122
77	-9	10.26	-1.79	6.21	0.36, 0.57, 0.34, 0.13	0, 111, -147, -49, 133	multiple(0, 1, 2, 3)	49.82	1120.70	0.006921
	663	0.186	0.299	698	394	2067	0.0023	523	3.76049E-07	
46	123	5557	0.073635	0.623	0.808	11718	3862	105144	-74	-150
78	-9	10.26	-0.81	6.22	0.40, 0.60, 0.36, 0.14	0, 110, -148, -49, 147	multiple(0, 1, 2, 3)	49.69	1120.80	0.006860
	658	0.185	0.298	698	394	2067	0.0023	523	3.76099E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
46	123	5727	0.075910	0.623	0.808	1163	5495	106162	-159	-129
79	-9	10.26	-1.80	6.21	0.36, 0.56, 0.33, 0.14	0, 111, -146, -47, 137	multiple(0, 1, 2, 3)	49.69	1120.93	0.006929
	664	0.185	0.298	698	394	2067	0.0023	523	3.76166E-07	
46	123	5763	0.076448	0.623	0.808	-10795	6610	105411	-252	-119
80	-9	10.17	-2.87	6.20	0.35, 0.53, 0.31, 0.12	0, 112, -145, -47, 147	multiple(0, 1, 2, 3)	49.78	1121.15	0.006885
	659	0.186	0.299	698	394	2067	0.0023	523	3.76279E-07	
46	123	5560	0.073730	0.623	0.808	98	4084	103875	-162	-142
81	-9	10.13	-1.81	6.21	0.40, 0.56, 0.33, 0.13	0, 111, -147, -49, 142	multiple(0, 1, 2, 3)	49.75	1121.05	0.006782
	650	0.185	0.298	698	394	2067	0.0023	523	3.76227E-07	
48	82	5905	0.076811	0.623	0.748	2850	10349	66787	-174	-180
21	-5	6.99	-2.02	3.34	0.25, 0.42, 0.15	0, 106, -169	multiple(0, 1, 2)	22.86	1111.14	0.004278
	414	0.125	0.200	693	391	2100	0.0024	514	3.71075E-07	
48	82	6991	0.091105	0.623	0.748	7775	16499	77243	-170	-87
22	-5	8.00	-2.03	3.34	0.42, 0.17	104, -169	multiple(1, 2)	22.90	1111.26	0.004956
	479	0.125	0.201	692	390	2100	0.0024	514	3.71133E-07	
48	82	4694	0.061117	0.623	0.748	-2102	2790	57194	-166	-251
23	-5	6.04	-2.02	3.34	0.48, 0.41	0, 110, -173	multiple(0, 1)	22.85	1111.33	0.003666
	355	0.125	0.200	692	391	2100	0.0024	514	3.71169E-07	
48	82	5748	0.074846	0.623	0.748	1852	9189	66105	-173	-189
24	-5	6.93	-2.05	3.34	0.29, 0.41, 0.13	0, 107, -169	multiple(0, 1, 2)	22.85	1111.43	0.004238
	410	0.125	0.200	692	391	2100	0.0024	514	3.71224E-07	
48	82	5495	0.071548	0.623	0.748	571	-1443	67302	-173	-323
25	-5	6.92	-2.05	4.29	0.33, 0.41, 0.13	0, 111, -160	multiple(0, 1, 2)	22.85	1111.60	0.004314
	417	0.125	0.200	692	391	2100	0.0024	514	3.71312E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
48	82	5183	0.067481	0.623	0.748	-635	-11044	68297	-178	-452
26	-5	6.92	-2.05	5.27	0.37, 0.40, 0.11	0, 115, -154	multiple(0, 1, 2)	22.89	1111.55	0.004378
	424	0.125	0.201	693	391	2100	0.0024	514	3.71286E-07	
48	82	6078	0.079145	0.623	0.748	3218	20140	64088	-174	-42
27	-5	6.93	-2.05	2.31	0.24, 0.42, 0.15	0, 103, -175	multiple(0, 1, 2)	22.83	1111.71	0.004109
	397	0.125	0.200	693	391	2100	0.0024	514	3.71370E-07	
48	82	6448	0.083958	0.623	0.747	4375	30103	61832	-173	118
28	-5	6.93	-2.05	1.33	0.19, 0.44, 0.17	0, 166, -50	multiple(0, 1, 2)	22.77	1111.79	0.003964
	384	0.124	0.200	693	391	2100	0.0024	514	3.71410E-07	
48	82	5698	0.074243	0.623	0.747	1585	7752	65860	-175	-200
29	-5	6.89	-2.05	3.34	0.30, 0.41, 0.12	0, 108, -163	multiple(0, 1, 2)	22.86	1111.90	0.004225
	408	0.125	0.201	692	391	2100	0.0024	514	3.71469E-07	
48	82	5687	0.074089	0.623	0.747	12949	7516	65029	-84	-201
30	-5	6.89	-1.01	3.35	0.31, 0.40, 0.13	0, 107, -164	multiple(0, 1, 2)	22.80	1111.88	0.004171
	403	0.125	0.200	692	391	2100	0.0024	514	3.71457E-07	
48	82	5745	0.074885	0.623	0.747	-9096	7714	66492	-260	-204
31	-5	6.90	-3.00	3.42	0.29, 0.37, 0.12	0, 109, -165	multiple(0, 1, 2)	22.80	1111.89	0.004268
	412	0.125	0.200	692	391	2100	0.0024	514	3.71463E-07	
48	82	5669	0.073921	0.623	0.747	1107	7771	65115	-175	-203
32	-5	6.84	-2.07	3.42	0.31, 0.40, 0.13	0, 108, -166	multiple(0, 1, 2)	22.76	1112.10	0.004181
	404	0.124	0.200	692	391	2100	0.0024	515	3.71572E-07	
48	82	5498	0.071621	0.623	0.747	56	3576	65086	-174	-246
33	-5	6.87	-2.07	3.36	2.10, 0.41, 0.13	0, 109, -172	multiple(0, 1, 2)	22.76	1112.18	0.004175
	404	0.124	0.200	693	391	2100	0.0024	515	3.71613E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
48	82	5944	0.077495	0.623	0.747	2288	13831	66042	-178	-130
34	-5	6.88	-2.07	3.34	1.42, 0.32, 0.10	-180, 104, -174	multiple(0, 1, 2)	22.80	1112.23	0.004239
	410	0.125	0.200	692	391	2100	0.0024	515	3.71637E-07	
48	82	5643	0.073598	0.622	0.747	2704	7988	65110	-166	-198
35	-5	6.87	-2.07	3.35	0.16, 1.39, 0.19, 0.14	0, 42, 169, -111	multiple(0, 1, 2, 3)	22.81	1112.33	0.004181
	404	0.125	0.200	692	391	2100	0.0024	515	3.71694E-07	
48	82	5850	0.076200	0.623	0.747	650	11415	65665	-183	-161
36	-5	6.88	-2.07	3.35	0.20, 1.24, 0.13	0, 179, -170	multiple(0, 1, 2)	22.79	1112.37	0.004211
	407	0.125	0.200	693	391	2100	0.0024	515	3.71710E-07	
48	82	5504	0.071715	0.623	0.747	-153	4904	64797	-177	-223
37	-5	6.87	-2.07	3.36	0.41, 1.81, 0.23, 0.11	0, 107, -175, 178	multiple(0, 1, 2, 3)	22.73	1112.48	0.004157
	402	0.124	0.200	693	391	2100	0.0024	515	3.71768E-07	
48	82	6004	0.078243	0.623	0.747	3238	12077	67646	-171	-147
38	-5	7.04	-2.07	3.28	0.22, 0.59	0, -55	multiple(0, 1)	22.80	1112.39	0.004341
	420	0.125	0.200	693	391	2100	0.0024	515	3.71722E-07	
48	82	5554	0.072359	0.623	0.747	413	5909	64797	-174	-215
40	-5	6.82	-2.07	3.29	1.04	0	0	22.82	1112.65	0.004156
	402	0.125	0.200	693	391	2100	0.0024	515	3.71860E-07	
48	82	5478	0.071386	0.623	0.747	-10	3025	64534	-174	-244
41	-5	6.82	-2.07	3.29	2.03	0	0	22.75	1112.82	0.004141
	401	0.124	0.200	693	391	2100	0.0024	515	3.71946E-07	
48	82	5727	0.074655	0.623	0.747	633	2042	68161	-178	-252
42	-5	7.18	-2.07	3.23	3.02	0	0	22.79	1112.79	0.004374
	423	0.125	0.200	693	391	2100	0.0024	515	3.71931E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
48	82	6464	0.084171	0.623	0.748	4844	17048	69771	-176	-83
43	-5	7.33	-2.07	3.22	0.95	-180	0	22.78	1112.94	0.004473
	433	0.124	0.200	693	391	2100	0.0024	515	3.72009E-07	
48	82	6487	0.084395	0.623	0.748	5098	18775	71127	-175	-54
44	-5	7.33	-2.07	3.21	1.96	-180	0	22.77	1112.99	0.004556
	442	0.124	0.200	694	391	2100	0.0024	515	3.72035E-07	
48	82	6713	0.087290	0.623	0.748	6219	22807	71490	-174	3
45	-5	7.33	-2.07	3.21	2.96	-180	0	22.77	1113.02	0.004577
	444	0.124	0.200	694	392	2100	0.0024	515	3.72052E-07	
48	82	5643	0.073443	0.623	0.748	320	7545	64610	-179	-189
47	-5	6.84	-2.12	3.23	0.99	89	1	22.77	1113.25	0.004140
	401	0.124	0.200	694	391	2100	0.0024	516	3.72172E-07	
48	82	5434	0.070701	0.623	0.748	-330	4974	64179	-177	-211
48	-5	6.84	-2.12	3.24	1.99	89	1	22.69	1113.32	0.004111
	399	0.124	0.200	694	391	2100	0.0024	516	3.72206E-07	
48	82	5895	0.076673	0.623	0.748	1458	12138	65920	-180	-142
49	-5	6.84	-2.12	3.22	0.99	-91	1	22.76	1113.53	0.004221
	410	0.124	0.200	694	392	2100	0.0024	516	3.72314E-07	
48	82	6034	0.078492	0.623	0.748	2040	14615	66631	-180	-114
50	-5	6.85	-2.12	3.21	1.99	-91	1	22.79	1113.51	0.004268
	414	0.125	0.200	694	392	2100	0.0024	516	3.72303E-07	
48	82	6121	0.079668	0.623	0.748	1841	14963	67396	-186	-103
51	-5	6.85	-2.12	3.20	2.94	-91	1	22.76	1113.56	0.004319
	419	0.124	0.200	694	392	2100	0.0024	516	3.72333E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
48	82	5733	0.074648	0.623	0.747	2748	8483	65355	-167	-176
53	-5	6.84	-2.05	3.29	0.99	-1	1	22.70	1113.78	0.004190
	406	0.124	0.200	694	392	2100	0.0024	516	3.72444E-07	
48	82	5702	0.074247	0.623	0.748	4027	8213	65482	-159	-178
54	-5	6.84	-2.05	3.29	1.99	-1	1	22.81	1113.89	0.004198
	407	0.125	0.200	694	392	2100	0.0024	516	3.72504E-07	
48	82	5669	0.073807	0.623	0.747	5691	8363	65595	-150	-176
55	-5	6.84	-2.05	3.29	2.98	-1	1	22.72	1113.80	0.004205
	408	0.124	0.200	694	392	2100	0.0024	516	3.72459E-07	
48	82	5755	0.074938	0.623	0.747	188	9118	65366	-184	-167
56	-5	6.84	-2.06	3.29	0.99	179	1	22.76	1113.93	0.004191
	406	0.124	0.200	694	392	2100	0.0024	516	3.72524E-07	
48	82	5833	0.075975	0.623	0.747	-701	10689	65073	-190	-153
57	-5	6.84	-2.06	3.29	1.99	179	1	22.71	1114.09	0.004173
	404	0.124	0.200	694	392	2100	0.0024	516	3.72605E-07	
48	82	5745	0.074857	0.623	0.747	-2927	9981	65623	-198	-156
58	-5	6.84	-2.06	3.29	2.98	179	1	22.73	1114.16	0.004210
	408	0.124	0.200	694	392	2100	0.0024	517	3.72645E-07	
48	81	5703	0.074207	0.623	0.746	1874	8927	31750	-155	-184
60	3	4.24	-1.98	2.37	0.35, 0.43, 0.11	0, 107, 173	multiple(0, 1, 3)	22.32	1114.35	0.002034
	197	0.123	0.198	694	392	2100	0.0024	517	3.72745E-07	
48	82	6932	0.090207	0.623	0.747	6313	15647	35109	-158	-94
61	3	5.24	-1.98	2.37	0.13, 0.42, 0.10	0, 102, 179	multiple(0, 1, 3)	22.36	1114.41	0.002250
	218	0.123	0.198	694	392	2100	0.0024	517	3.72775E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRHR CPOS
48	81	4533	0.058969	0.623	0.746	-2315	2780	28527	-151	-236
62	3	3.21	-1.98	2.37	0.57, 0.44, 0.12	0, 110, 170	multiple(0, 1, 3)	22.30	1114.37	0.001827
	177	0.123	0.198	695	392	2100	0.0024	517	3.72755E-07	
48	82	5790	0.075342	0.623	0.747	1465	8718	31961	-163	-181
63	3	4.31	-2.04	2.42	0.36, 0.43, 0.11	0, 107, 173	multiple(0, 1, 3)	22.51	1114.44	0.002048
	199	0.124	0.199	695	392	2100	0.0024	517	3.72789E-07	
48	82	5427	0.070638	0.623	0.747	973	-1017	34509	-158	-301
64	3	4.30	-2.04	3.44	0.40, 0.43, 0.11	0, 111, 178	multiple(0, 1, 3)	22.53	1114.50	0.002212
	215	0.124	0.199	694	392	2100	0.0024	517	3.72823E-07	
48	82	5128	0.066763	0.623	0.747	1574	-9377	36641	-203	-469
65	3	4.30	-2.04	4.40	0.44, 0.43, 0.11	0, 114, -179	multiple(0, 1, 3)	22.57	1114.51	0.002349
	228	0.124	0.199	694	392	2100	0.0024	517	3.72823E-07	
48	82	6116	0.079611	0.623	0.747	2026	17863	29278	-169	-55
66	3	4.31	-2.04	1.44	0.31, 0.42, 0.11	0, 104, 172	multiple(0, 1, 3)	22.46	1114.46	0.001876
	182	0.124	0.199	694	392	2100	0.0024	517	3.72800E-07	
48	82	6626	0.086241	0.623	0.747	2213	28904	24589	-148	159
67	3	4.31	-2.04	0.43	0.24, 0.43, 0.10	0, 99, 168	multiple(0, 1, 3)	22.38	1114.59	0.001576
	153	0.123	0.198	695	392	2100	0.0024	517	3.72869E-07	
48	82	5874	0.076483	0.623	0.747	2076	10719	31313	-167	-158
68	3	4.31	-2.04	2.35	0.34, 0.43, 0.11	0, 106, 170	multiple(0, 1, 3)	22.44	1114.64	0.002008
	195	0.124	0.199	694	392	2100	0.0024	517	3.72891E-07	
48	82	5774	0.075194	0.623	0.747	13736	10841	31448	-69	-155
69	3	4.30	-0.93	2.36	0.36, 0.46, 0.11	0, 107, 169	multiple(0, 1, 3)	22.48	1114.69	0.002016
	196	0.124	0.199	694	392	2100	0.0024	517	3.72917E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
48	82	5826	0.075869	0.623	0.747	-9264	9263	32326	-257	-168
70	3	4.31	-3.05	2.34	0.35, 0.40, 0.11	0, 108, 175	multiple(0, 1, 3)	22.47	1114.79	0.002073
	201	0.124	0.199	694	392	2100	0.0024	517	3.72970E-07	
48	82	5723	0.074543	0.623	0.747	1624	8453	31612	-166	-173
71	3	4.22	-2.02	2.35	0.37, 0.43, 0.11	0, 108, 175	multiple(0, 1, 3)	22.48	1114.89	0.002027
	197	0.124	0.199	695	392	2100	0.0024	517	3.73024E-07	
48	82	5494	0.071578	0.623	0.747	655	4374	32400	-166	-216
72	3	4.22	-2.02	2.36	2.43, 0.41, 0.11	0, 108, -178	multiple(0, 1, 3)	22.51	1114.97	0.002078
	202	0.124	0.199	695	392	2100	0.0024	517	3.73067E-07	
48	82	5933	0.077282	0.623	0.747	2889	14537	30990	-167	-110
73	3	4.23	-2.02	2.34	1.25, 0.36, 0.10	-180, 99, 174	multiple(0, 1, 3)	22.46	1114.95	0.001988
	193	0.124	0.199	695	392	2100	0.0024	517	3.73056E-07	
48	82	5675	0.073924	0.623	0.747	2883	8525	31372	-160	-171
74	3	4.23	-2.01	2.35	0.51, 1.38, 0.11, 0.14	0, 41, -155, -163	multiple(0, 1, 3, 4)	22.48	1114.98	0.002012
	195	0.124	0.199	695	392	2100	0.0024	517	3.73073E-07	
48	82	5878	0.076587	0.623	0.746	1311	11318	30821	-171	-145
75	3	4.23	-2.02	2.35	0.51, 1.26, 0.12	0, 179, 166	multiple(0, 1, 3)	22.39	1115.04	0.001977
	192	0.123	0.198	695	392	2100	0.0024	517	3.73100E-07	
48	82	5552	0.072349	0.623	0.746	903	7425	31633	-167	-182
76	3	4.22	-2.02	2.36	0.60, 1.81, 0.19, 0.11	0, 106, 159, -154	multiple(0, 1, 3, 4)	22.47	1115.06	0.002030
	197	0.124	0.199	694	392	2100	0.0024	517	3.73110E-07	
48	82	5873	0.076534	0.623	0.747	2804	10847	31392	-165	-143
77	3	4.23	-2.02	2.34	0.42, 0.68	0, -57	multiple(0, 1)	22.53	1115.01	0.002014
	195	0.124	0.199	694	392	2100	0.0024	517	3.73087E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
48	82	5677	0.074020	0.623	0.746	1517	7103	31684	-167	-182
79	3	4.23	-2.02	2.35	1.03	0	0	22.48	1115.09	0.002034
	197	0.124	0.199	694	392	2100	0.0024	517	3.73129E-07	
48	82	5526	0.072052	0.623	0.746	894	3791	32403	-167	-212
80	3	4.22	-2.02	2.36	2.02	0	0	22.48	1115.21	0.002080
	202	0.124	0.199	694	392	2100	0.0024	518	3.73189E-07	
48	82	5438	0.070914	0.623	0.746	224	2108	32675	-168	-230
81	3	4.22	-2.02	2.36	3.01	0	0	22.48	1115.17	0.002098
	203	0.124	0.199	694	392	2100	0.0024	517	3.73171E-07	
48	82	5942	0.077489	0.623	0.746	2614	12138	30540	-171	-121
82	3	4.23	-2.02	2.34	0.96	-180	0	22.54	1115.23	0.001961
	190	0.124	0.199	694	392	2100	0.0024	518	3.73200E-07	
48	82	6069	0.079173	0.622	0.746	3469	15995	30239	-170	-78
83	3	4.23	-2.02	2.33	1.96	-180	0	22.52	1115.30	0.001942
	188	0.124	0.199	694	392	2100	0.0024	518	3.73235E-07	
48	82	6164	0.080447	0.622	0.746	3874	19003	30743	-169	-44
84	3	4.24	-2.02	2.32	2.97	-180	0	22.42	1115.38	0.001975
	191	0.124	0.199	694	392	2100	0.0024	518	3.73278E-07	
48	82	5663	0.073913	0.622	0.746	1753	8846	31132	-166	-159
86	3	4.22	-2.02	2.35	0.99	89	1	22.52	1115.49	0.002001
	194	0.124	0.199	694	392	2100	0.0024	518	3.73335E-07	
48	82	5573	0.072735	0.622	0.746	1276	6204	31142	-168	-181
87	3	4.22	-2.02	2.36	1.99	89	1	22.53	1115.46	0.002001
	194	0.124	0.199	694	392	2100	0.0024	518	3.73319E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
48	82	5343	0.069726	0.622	0.746	753	4420	32133	-165	-198
88	3	4.22	-2.02	2.36	2.98	89	1	22.46	1115.44	0.002065
	200	0.124	0.199	694	392	2100	0.0024	518	3.73311E-07	
48	82	5918	0.077230	0.622	0.746	2527	12198	30877	-169	-122
89	3	4.23	-2.02	2.33	0.99	-91	1	22.45	1115.57	0.001984
	192	0.124	0.199	694	392	2100	0.0024	518	3.73377E-07	
48	82	6023	0.078566	0.622	0.746	2633	14283	31187	-170	-99
90	3	4.23	-2.02	2.32	1.99	-91	1	22.51	1115.42	0.002003
	194	0.124	0.199	694	392	2100	0.0024	518	3.73297E-07	
48	82	6209	0.081015	0.622	0.746	2874	14834	31254	-174	-85
91	3	4.23	-2.02	2.31	2.98	-91	1	22.49	1115.47	0.002008
	194	0.124	0.199	694	392	2100	0.0024	518	3.73324E-07	
48	82	5806	0.075768	0.622	0.746	2165	10986	30817	-169	-135
92	3	4.23	-2.02	2.34	0.00	80	1	22.47	1115.57	0.001980
	192	0.124	0.199	694	392	2100	0.0024	518	3.73378E-07	
48	82	5878	0.076707	0.622	0.746	3056	8522	30545	-166	-150
93	3	4.23	-2.02	2.33	0.99	-1	1	22.52	1115.54	0.001963
	190	0.124	0.199	694	392	2100	0.0024	518	3.73362E-07	
48	82	5733	0.074819	0.622	0.746	3831	8494	31693	-159	-151
94	3	4.23	-2.01	2.33	1.99	-1	1	22.44	1115.52	0.002037
	197	0.124	0.199	694	392	2100	0.0024	518	3.73354E-07	
48	82	5752	0.075075	0.622	0.746	5204	8908	31453	-153	-146
95	3	4.23	-2.01	2.33	2.98	-1	1	22.46	1115.55	0.002021
	196	0.124	0.199	694	392	2100	0.0024	518	3.73368E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
48	82	5840	0.076229	0.622	0.746	1079	10066	30787	-176	-137
96	3	4.23	-2.02	2.34	0.99	179	1	22.52	1115.64	0.001979
	191	0.124	0.199	694	392	2100	0.0024	518	3.73412E-07	
48	82	5778	0.075431	0.622	0.746	-118	11118	31303	-180	-131
97	3	4.23	-2.03	2.34	1.99	179	1	22.44	1115.59	0.002012
	195	0.124	0.199	694	392	2100	0.0024	518	3.73388E-07	
48	82	5773	0.075368	0.622	0.746	-1415	11235	31502	-186	-128
98	3	4.23	-2.03	2.34	2.98	179	1	22.50	1115.61	0.002025
	196	0.124	0.199	694	392	2100	0.0024	518	3.73396E-07	
48	82	5729	0.074788	0.622	0.746	1733	8798	31017	-169	-152
99	3	4.23	-2.02	2.34	0.44, 0.11	105, 171	multiple(1, 3)	22.51	1115.65	0.001994
	193	0.124	0.199	694	392	2100	0.0024	518	3.73416E-07	
53	123	5887	0.077094	0.623	0.809	3772	14311	103445	-145	-37
24	-9	10.13	-1.64	5.41	0.53, 0.60, 0.34, 0.12	0, 109, -151, -57	multiple(0, 1, 2, 3)	50.71	1110.80	0.006670
	641	0.186	0.299	692	390	2088	0.0024	513	3.70896E-07	
53	123	6926	0.090501	0.624	0.810	7528	17249	120202	-148	-4
25	-9	11.11	-1.75	6.10	0.32, 0.61, 0.40, 0.18	0, 108, -150, -49	multiple(0, 1, 2)	50.79	1111.11	0.007733
	746	0.186	0.299	693	391	2088	0.0024	514	3.71057E-07	
53	123	4250	0.055550	0.623	0.809	-4658	-4998	87047	-146	-227
26	-9	9.16	-1.75	6.11	0.86, 0.62, 0.30	0, 114, -140	multiple(0, 1, 2, 3)	50.60	1111.21	0.005602
	540	0.186	0.299	693	391	2088	0.0024	514	3.71109E-07	
53	123	5723	0.074955	0.623	0.809	1357	11581	102722	-151	-68
27	-9	10.05	-1.75	5.50	0.58, 0.59, 0.33, 0.12	0, 110, -148, -53	multiple(0, 1, 2, 3)	50.64	1111.19	0.006624
	637	0.186	0.299	692	390	2088	0.0024	514	3.71099E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
53	123	5310	0.069636	0.622	0.808	-582	124	102612	-150	-212
28	-9	10.05	-1.75	6.48	0.66, 0.61, 0.35, 0.13	0, 113, -144, -47	multiple(0, 1, 2, 3)	50.54	1111.29	0.006625
	636	0.186	0.299	692	390	2088	0.0024	514	3.71149E-07	
53	123	4639	0.060934	0.622	0.808	-2658	-13031	100271	-149	-359
29	-9	10.05	-1.75	7.51	0.77, 0.61, 0.33, 0.11	0, 115, -140, -45	multiple(0, 1, 2, 3)	50.60	1111.36	0.006484
	621	0.186	0.300	691	390	2088	0.0024	514	3.71187E-07	
53	123	6310	0.082773	0.622	0.808	4306	25444	101582	-152	122
30	-9	10.06	-1.75	4.50	0.48, 0.59, 0.34, 0.13	0, 107, -153, -57	multiple(0, 1, 2, 3)	50.60	1111.59	0.006561
	629	0.186	0.299	692	390	2088	0.0024	514	3.71306E-07	
54	123	5728	0.075099	0.623	0.809	2330	12298	102821	-146	-68
1	-9	10.05	-1.69	5.53	0.60, 0.58, 0.34, 0.13	0, 110, -150, -52	multiple(0, 1, 2, 3)	50.79	1112.56	0.006637
	638	0.186	0.300	693	391	2088	0.0024	515	3.71809E-07	
54	123	5649	0.074047	0.623	0.809	13634	10988	101857	-55	-80
2	-9	10.05	-0.66	5.54	0.61, 0.62, 0.33, 0.12	0, 111, -146, -47	multiple(0, 1, 2, 3)	50.60	1112.52	0.006574
	632	0.186	0.299	693	391	2088	0.0024	515	3.71789E-07	
54	123	5863	0.076900	0.622	0.809	-9536	12774	103832	-241	-56
3	-9	10.06	-2.76	5.51	0.57, 0.54, 0.31, 0.12	0, 111, -147, -51	multiple(0, 1, 2, 3)	50.77	1112.45	0.006705
	644	0.186	0.300	692	391	2088	0.0024	515	3.71753E-07	
54	123	5691	0.074639	0.622	0.809	3966	13025	101526	-133	-54
4	-9	9.99	-1.52	5.36	0.61, 0.59, 0.33, 0.12	0, 110, -149, -53	multiple(0, 1, 2, 3)	50.73	1112.48	0.006556
	630	0.186	0.300	692	391	2088	0.0024	515	3.71769E-07	
54	123	5002	0.065667	0.622	0.808	-823	-325	99111	-136	-178
5	-9	9.98	-1.52	5.41	2.88, 0.66, 0.39, 0.18	0, 112, -148, -59	multiple(0, 1, 2, 3)	50.72	1112.83	0.006407
	615	0.186	0.300	692	391	2088	0.0024	515	3.71954E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
54	123	6495	0.084980	0.623	0.810	8986	28781	104187	-125	153
6	-9	10.01	-1.52	5.31	1.55, 0.51, 0.31, 0.15	-180, 106, -151, -44	multiple(0, 1, 2, 3)	50.79	1112.75	0.006712
	647	0.186	0.300	693	391	2088	0.0024	515	3.71908E-07	
54	123	5738	0.075081	0.623	0.809	7193	12725	102112	-117	-60
7	-9	9.99	-1.52	5.36	0.17, 1.42, 0.44, 0.19, 0.13	0, 51, -159, -79, 132	multiple(0, 1, 2, 3, 4)	50.73	1112.93	0.006578
	634	0.186	0.299	693	391	2088	0.0024	515	3.72005E-07	
54	123	6056	0.079247	0.623	0.809	2578	19857	103271	-151	23
8	-9	10.00	-1.53	5.34	0.36, 1.49, 0.40, 0.11	0, 172, -132, -37	multiple(0, 1, 2, 3)	50.64	1113.00	0.006654
	641	0.186	0.299	693	391	2088	0.0024	515	3.72040E-07	
54	123	5291	0.069232	0.623	0.809	-721	4086	100411	-144	-132
9	-9	9.98	-1.53	5.39	0.75, 2.16, 0.52, 0.12, 0.14	0, 113, -147, -61, 124	multiple(0, 1, 2, 3, 4)	50.60	1112.95	0.006469
	624	0.186	0.299	693	391	2088	0.0024	515	3.72012E-07	
54	123	5896	0.077182	0.623	0.809	5455	16919	102157	-129	-13
10	-9	10.00	-1.52	5.34	0.57, 0.32, 0.31, 0.11	0, 105, -147, -50	multiple(0, 1, 2, 3)	50.58	1113.08	0.006584
	634	0.186	0.299	693	391	2088	0.0024	516	3.72081E-07	
54	123	5338	0.069984	0.623	0.809	2647	1265	102168	-129	-191
12	-9	10.08	-1.52	6.07	1.04	0	0	50.75	1113.33	0.006596
	634	0.186	0.300	693	391	2088	0.0024	516	3.72212E-07	
54	123	5003	0.065588	0.623	0.809	1065	-5298	100636	-129	-255
13	-9	10.07	-1.52	6.09	2.03	0	0	50.71	1113.46	0.006496
	625	0.186	0.300	693	391	2088	0.0024	516	3.72281E-07	
54	123	4687	0.061382	0.623	0.809	-786	-10735	99179	-129	-299
14	-9	10.07	-1.52	6.11	3.02	0	0	50.72	1113.52	0.006395
	616	0.186	0.299	694	391	2088	0.0024	516	3.72311E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERH CSND VISC	DRAGRH CPOS
54	123	5983	0.078370	0.623	0.809	6978	15838	105213	-127	-38
15	-9	10.10	-1.52	6.02	0.96	-180	0	50.73	1113.52	0.006786
	654	0.186	0.300	693	391	2088	0.0024	516	3.72309E-07	
54	123	6335	0.083015	0.623	0.809	9574	23413	106805	-116	57
16	-9	10.10	-1.52	6.01	1.96	-180	0	50.63	1113.60	0.006891
	663	0.186	0.299	693	391	2088	0.0024	516	3.72354E-07	
54	123	6639	0.087022	0.623	0.809	11645	28894	108568	-113	150
17	-9	10.10	-1.52	6.00	2.96	-180	0	50.68	1113.69	0.007007
	674	0.186	0.299	693	391	2088	0.0024	516	3.72400E-07	
54	123	5423	0.070950	0.623	0.809	3013	2844	103426	-132	-172
19	-9	10.13	-1.57	6.06	0.99	89	1	50.61	1113.90	0.006662
	643	0.186	0.299	694	392	2088	0.0023	516	3.72509E-07	
54	123	5106	0.066804	0.623	0.809	1416	-2348	101326	-134	-216
20	-9	10.12	-1.57	6.08	1.99	89	1	50.57	1113.96	0.006527
	630	0.186	0.299	694	392	2088	0.0023	516	3.72537E-07	
54	123	4730	0.061868	0.623	0.809	-306	-8242	99059	-134	-261
21	-9	10.11	-1.57	6.11	2.98	89	1	50.55	1113.88	0.006379
	616	0.186	0.299	694	392	2088	0.0024	516	3.72497E-07	
54	123	6001	0.078573	0.623	0.809	5982	13608	106164	-131	-61
22	-9	10.14	-1.57	6.03	1.00	-90	1	50.59	1114.11	0.006845
	660	0.186	0.299	694	392	2088	0.0023	516	3.72616E-07	
54	123	6313	0.082716	0.623	0.809	7951	19510	108040	-128	7
23	-9	10.14	-1.57	6.01	1.99	-90	1	50.62	1114.34	0.006970
	671	0.186	0.299	694	391	2088	0.0023	517	3.72738E-07	

RUN POINT	VKTS ALFSC HP	THRUST COLLA MTUN	CTOS LATA MU	MTIP LONGA OMR	MAT Flap 1 Amp RPM	ROLLRH Flap 1 Phase PS	PITCHRH Flap 1 Harm RHO	TORQ Q TSR	SIDERRH CSND VISC	DRAGRH CPOS
54	123	6620	0.086727	0.623	0.809	9881	25263	109648	-120	87
24	-9	10.14	-1.57	6.00	2.85	-91	1	50.58	1114.30	0.007072
	681	0.186	0.299	694	392	2088	0.0023	517	3.72714E-07	
54	123	5761	0.075536	0.623	0.808	7728	9410	104946	-116	-111
26	-9	10.13	-1.56	6.04	0.99	-1	1	50.52	1114.77	0.006775
	652	0.186	0.299	694	392	2088	0.0023	517	3.72959E-07	
54	123	5700	0.074712	0.623	0.809	10651	8695	105310	-95	-121
27	-9	10.13	-1.56	6.04	1.99	-1	1	50.59	1114.62	0.006797
	655	0.186	0.299	694	392	2088	0.0023	517	3.72884E-07	
54	123	5645	0.073929	0.623	0.809	12478	6915	105358	-84	-138
28	-9	10.13	-1.56	6.04	2.65	-1	1	50.60	1114.68	0.006794
	655	0.186	0.299	694	392	2088	0.0023	517	3.72915E-07	
54	123	5749	0.075314	0.623	0.809	2626	10317	105139	-144	-94
29	-9	10.13	-1.57	6.04	0.99	180	1	50.64	1114.65	0.006781
	654	0.186	0.299	694	392	2088	0.0023	517	3.72897E-07	
54	123	5864	0.076828	0.623	0.809	323	10891	105824	-159	-84
30	-9	10.13	-1.58	6.04	1.99	-180	1	50.50	1114.85	0.006827
	658	0.186	0.299	694	392	2088	0.0023	517	3.73002E-07	
54	123	5834	0.076420	0.623	0.809	-2348	9254	106180	-173	-91
31	-9	10.13	-1.58	6.04	2.98	178	1	50.49	1114.84	0.006848
	660	0.186	0.299	694	392	2088	0.0023	517	3.72998E-07	

Appendix K- Control Power Dynamic Data

Control power from the active flaps was evaluated by applying equivalent steady-state collective, lateral, or longitudinal cyclic flap deflections and observing the resulting changes in normal force, roll, and pitch moment. Flaps were controlled either by individual blade control (IBC), specifying harmonic and phase, or through software implementation of a virtual swashplate (VSP), using amplitude and collective, longitudinal, and lateral cyclic commands. Flap deflections were generated from -3 to 3 deg using the VSP software for flap inputs on each blade, or by applying steady offset for collective $1P/90$ deg for roll and $1P/180$ deg for pitch inputs (IBC). Results for position control flap inputs, both VSP and IBC, and comparable swashplate inputs were obtained at $\mu = 0.2$ for level flight and descent, and for level flight at $\mu = 0.3$. All test conditions for the control power study are listed immediately below. Not all of the data associated with these conditions have been subjected to the control criteria discussed in the Data Analysis section. Appendices J and K contain control power data that *were* subjected to the control criteria.

Control Power	Condition	Velocity (knots)	Advance ratio, μ	Tip mach number	Shaft Angle uncorrected α , deg	Blade Loading, CT/ σ	Harmonic number
	1	82	0.2	0.623	-5.5	0.075	0,1
	2	82	0.2	0.623	2	0.075	0,1
	3	124	0.3	0.623	-9.1	0.075	0,1

STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	kt	
ALFSC	Corrected angle-of-attack, Boeing Data	deg	aft
HP	Horsepower from rotor torque	HP	
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
COLLA	Rotor collective control input, obtained from the actuator A set of LVDTs, positive nose up, deg	deg	nose up
MTUN	Tunnel Mach number		
CTOS	Rotor thrust coefficient over sigma, parallel to the rotor shaft		up
LATA	Rotor lateral control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 0 deg, deg	deg	nose down at PSI = 0 deg
MU	Rotor tip speed ratio		
MTIP	Tip Mach number		
Flap 1 Amp	Flap 1 maximum angle	deg	t.e. down
LONGA	Rotor longitudinal control input, obtained from the actuator A set of LVDTs, positive nose down at PSI = 90 deg, deg	deg	nose down at PSI = 90 deg
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
RPM	Rotor rpm	rpm	ccw from top
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
Flap 1 Phase	Phase angle flap 1 began	deg	CCW zero over tail
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
Flap 1 Harm	Harmonic/s induced into flap controller		
RHO	Air density	slug/ft ³	
TORQ	Rotor torque, in-lb	in-lbf	drag
Q	Corrected tunnel dynamic pressure	psf	
TSR	Tunnel static temperature	deg_R	
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
CSND	Tunnel speed of sound	ft/s	
VISC	Tunnel air viscosity	slug/ft-sec	
DRAGRH	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft
CPOS	Rotor power coefficient over sigma		

DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C	Flap 1 Angle (corrected)	deg	t.e. down
ACT1DISP	MR Flap Actuator1 Displacement (feedback), Sta 150	V	aft
ACT1FORCE	MR Flap Actuator1 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA1IBVOLTAGE	Flap Actuator1 Inboard Voltage	V	
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA1OBVOLTAGE	Flap Actuator1 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	le up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	le up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	le up
MRBLD1TOR164	MR Blade 1 Torsion Sta 165	in-lbf	le up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	le up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	le up
MRPLK1LOAD	MR Pitchcase 1 Pitchlink Load	lbf	tension
PITCHRH	Rotor pitch moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	nose up
ROLLRH	Rotor roll moment in-lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	in-lbf	right down
TORQ	Rotor torque, in-lb	in-lbf	drag
THRUST	Rotor thrust, lb, force parallel to the rotor shaft	lbf	up
SIDERH	Rotor side force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	right
DAGRHR	Rotor drag force, lb, obtained from the rotor balance, corrected for weight tare and shaft rotation tare	lbf	aft

RUN	POINT		Harmonics															
	46	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.39	-0.21	-0.28	0.09	-0.03	0.01	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.53	-0.18	-0.10	0.02	-0.03	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-26.74	-5.12	-9.20	2.07	-1.32	0.58	0.57	-0.31	-0.36	-0.34	0.28	0.16	-0.14	-0.06	-0.04	-0.18
ACT1FORCE_SIN			0.00	18.45	-5.02	-2.05	1.71	-0.66	0.84	0.50	0.36	-0.20	-0.26	0.08	0.12	0.00	0.12	-0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.61	-0.16	0.13	0.09	-0.01	0.04	-0.04	-0.01	-0.02	0.01	0.03	0.00	-0.01	0.01	-0.02	0.01
FA1IBVOLTAGE_SIN			0.00	-0.09	-0.16	0.07	-0.04	0.01	0.03	-0.01	-0.02	-0.03	0.02	0.02	0.00	0.02	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.74	0.16	-0.12	-0.09	0.02	-0.04	0.04	0.01	0.02	-0.02	-0.03	0.01	0.00	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.12	0.16	-0.08	0.03	-0.02	-0.03	0.01	0.01	0.03	-0.01	-0.02	0.00	-0.01	0.00	0.02
MRBLD1CB42P75_COS			-493.90	-2290.37	425.18	-79.19	-19.82	-50.70	-74.71	9.96	9.74	-28.49	16.34	-6.58	-5.35	-5.90	-1.74	-5.40
MRBLD1CB42P75_SIN			0.00	820.66	78.65	53.57	198.46	-74.25	-20.03	-94.55	38.73	30.36	-103.01	18.88	12.36	1.62	-2.37	21.56

RUN	POINT		Harmonics															
	46	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4472.85	-1624.62	274.54	-93.36	101.39	-80.52	-95.19	-0.89	9.55	-19.52	-27.20	-2.67	-0.28	-1.48	-1.36	2.27
MRBLD1CB70_SIN			0.00	645.58	-66.98	117.48	306.59	-171.87	13.48	-49.61	23.40	36.50	-58.56	10.84	8.34	-0.88	-7.35	30.79
MRBLD1CB120_COS			-284.00	-879.76	212.88	23.49	121.64	-80.19	-82.40	7.42	5.24	10.66	-3.61	-2.08	3.05	4.00	4.91	-2.85
MRBLD1CB120_SIN			0.00	582.25	-105.10	103.28	364.44	-176.48	10.59	-35.74	-40.96	-35.08	55.03	-3.55	0.14	1.98	-0.93	3.59
MRBLD1CB164_COS			-1972.29	-281.09	35.15	71.34	32.77	-47.55	-28.80	3.65	-3.48	15.92	25.29	-2.46	0.67	-0.42	-2.68	-0.78
MRBLD1CB164_SIN			0.00	241.60	-46.76	52.93	163.91	-85.64	4.42	14.64	-49.34	-48.81	54.87	0.99	-0.45	2.45	8.98	-21.53
MRBLD1FB42P75_COS			2535.55	553.64	169.35	730.89	-146.96	-74.94	-128.46	-125.31	-69.19	-100.02	39.01	3.75	-5.88	5.22	6.94	33.82
MRBLD1FB42P75_SIN			0.00	-167.79	445.19	257.21	433.35	221.98	1.40	-298.91	-13.96	-73.34	-149.20	21.46	3.80	-3.82	-21.67	29.81
MRBLD1FB70_COS			609.76	104.03	58.23	218.25	-42.27	-17.71	-26.18	-12.23	-1.03	-2.95	-1.92	1.25	0.87	-0.21	-0.92	-5.92
MRBLD1FB70_SIN			0.00	-254.38	180.52	48.97	123.48	36.86	0.27	-45.75	6.97	5.97	1.96	1.90	1.98	1.39	4.55	-6.77
MRBLD1FB87_COS			80.83	122.81	-4.92	118.39	-28.52	-13.89	-0.20	10.05	11.91	19.73	-5.91	0.89	2.20	-1.30	-2.00	-8.25
MRBLD1FB87_SIN			0.00	-301.03	123.74	23.55	53.30	4.55	-3.04	24.68	-0.40	14.27	36.15	-4.19	1.23	3.18	6.97	-3.53
MRBLD1FB120_COS			-284.46	153.17	-90.62	115.57	-5.45	-23.95	12.10	12.79	-6.88	-3.09	-1.72	-6.24	-3.27	1.72	3.13	13.30
MRBLD1FB120_SIN			0.00	-416.10	125.33	82.23	29.25	-8.38	1.58	70.02	-8.38	-11.20	-16.23	-3.47	-7.08	-7.80	-11.50	5.33
MRBLD1FB164_COS			-5.08	181.00	71.15	49.46	102.76	52.62	20.81	-4.53	3.20	3.13	-3.38	5.99	2.64	-4.88	-4.58	-6.29
MRBLD1FB164_SIN			0.00	-623.49	278.64	208.33	-59.88	-34.41	-12.08	-100.10	12.07	17.47	23.17	-1.95	4.24	2.26	2.59	-3.74

RUN	POINT		Harmonics															
	46	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-78.09	23.79	106.36	-16.79	70.14	55.01	6.86	-14.88	3.67	27.85	-13.71	-8.46	-8.28	-1.88	5.19	15.93
MRBLD1FB180_SIN			0.00	-460.50	197.15	137.01	-62.92	-10.89	-2.06	-89.48	3.05	29.12	71.90	-17.78	-18.53	-13.00	-15.20	6.97
MRBLD1TOR51_COS			-1551.26	216.25	140.71	-28.44	16.29	-24.26	25.96	-19.58	-8.28	1.93	-5.55	-1.65	0.15	3.04	5.06	-0.01
MRBLD1TOR51_SIN			0.00	-270.30	235.57	92.06	-17.20	21.90	-37.79	-48.95	2.08	1.63	8.28	-2.45	-6.22	-4.41	-0.99	5.29
MRBLD1TOR71_COS			-399.62	241.32	108.39	-41.45	25.56	-12.79	32.42	-19.15	-4.24	4.68	-8.21	-1.55	1.77	1.74	3.03	-0.55
MRBLD1TOR71_SIN			0.00	-248.89	201.98	58.69	-38.59	20.13	-30.39	-29.58	3.67	5.34	13.34	-3.67	-4.73	-3.03	0.06	3.22
MRBLD1TOR130_COS			-137.34	217.49	115.81	-65.95	32.57	-4.86	24.73	-10.72	-1.01	1.83	8.21	-3.08	0.56	-3.12	-3.24	-1.48
MRBLD1TOR130_SIN			0.00	-221.97	145.04	51.84	-48.99	13.54	-23.19	-32.01	3.57	-2.00	1.42	2.09	2.11	1.49	0.86	-2.10
MRBLD1TOR164_COS			-323.63	119.87	78.81	-58.51	3.92	-8.93	5.80	-8.46	2.91	4.15	-2.74	-0.76	2.09	-1.78	-0.90	0.94
MRBLD1TOR164_SIN			0.00	-113.63	53.37	-1.05	-24.52	14.28	-12.65	-12.86	1.36	4.77	2.54	-3.33	0.27	0.58	-2.25	-0.40
MRFBM1CB26P5_COS			-884.21	-1272.63	210.13	-64.32	-25.06	3.91	7.74	4.32	0.02	-1.40	17.44	-0.12	-0.59	0.03	1.85	-1.74
MRFBM1CB26P5_SIN			0.00	181.30	133.79	-57.37	-19.88	12.86	-12.31	-15.88	2.81	-6.07	-9.56	1.46	-0.47	0.11	0.40	-0.49
MRFBM1FB9_COS			557.89	285.58	-219.47	-128.24	38.61	24.21	9.22	-6.52	1.70	1.50	-4.07	0.79	0.33	0.02	-0.72	1.02
MRFBM1FB9_SIN			0.00	112.08	-250.48	-144.90	-50.84	-7.63	11.27	16.68	2.96	3.51	2.54	0.10	0.48	0.21	0.05	-1.43
MRFBM1TOR26P5_COS			-102.06	91.48	4.80	-0.93	0.37	-0.44	0.74	0.00	-0.31	-0.09	-0.20	0.13	-0.10	0.12	0.08	0.06
MRFBM1TOR26P5_SIN			0.00	-269.77	3.61	0.36	-1.02	0.09	-0.65	-0.24	0.10	-0.01	0.07	0.06	-0.05	-0.03	0.00	0.00

RUN	POINT		Harmonics															
	46	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			175.69	-1814.36	358.47	-59.03	-67.09	-29.38	-63.37	2.46	16.57	-13.98	27.69	-2.63	-1.69	-2.99	3.16	-6.78
MRPC1CB33P25_SIN			0.00	827.27	55.86	14.21	124.95	-15.71	-26.89	-88.04	17.71	-2.43	-77.05	15.41	7.76	1.96	-3.50	19.24
MRPC1FB33P25_COS			1788.26	440.90	-2.17	587.79	-205.12	-122.64	-108.69	22.93	-38.27	-30.91	119.10	-7.65	-4.10	3.79	21.66	-9.73
MRPC1FB33P25_SIN			0.00	63.78	358.23	337.30	337.02	152.41	-40.04	-299.01	-48.70	-108.12	-88.99	19.19	0.65	3.18	-6.75	49.78
MRPC1TOR25P5_COS			-259.41	-143.81	-176.99	70.45	-26.13	28.75	-32.96	22.34	12.54	2.67	17.55	0.51	1.64	-7.23	-7.69	-3.51
MRPC1TOR25P5_SIN			0.00	13.72	-245.28	-88.16	36.89	-22.82	45.08	41.82	-3.17	-4.26	-14.12	6.29	11.48	6.89	2.32	-1.35
MRPLK1LOAD_COS			18.74	-22.66	-23.09	7.89	-5.13	5.37	-5.69	3.18	3.05	0.75	2.54	-0.38	0.77	-1.39	-1.45	-0.92
MRPLK1LOAD_SIN			0.00	7.25	-33.35	-15.02	4.28	-3.16	5.97	6.26	-0.16	-0.03	-1.39	-0.12	1.55	1.05	0.05	-0.27
PITCHRH_COS			5966.90	-9121.53	-310.10	335.82	-21.72	-516.10	-30.70	-69.33	78.98	46.78	56.84	-7.30	57.70	44.00	-13.40	-178.18
PITCHRH_SIN			0.00	1224.70	-1403.23	96.40	-146.11	1516.81	229.80	15.57	69.60	5.21	-294.80	8.30	-30.70	39.56	12.92	45.90
ROLLRH_COS			1064.64	-1514.72	1786.19	-156.56	348.19	-2684.10	-120.29	78.69	-44.64	85.10	179.98	20.50	15.57	-71.84	31.46	-8.35
ROLLRH_SIN			0.00	-9342.15	-142.17	485.53	-67.48	289.51	-182.09	-59.01	-36.04	-69.39	1.07	-3.03	18.57	-48.30	-6.67	222.37
TORQ_COS			105170.48	-69.85	-17.54	44.37	-103.78	-17.43	-5.65	4.20	-3.83	-0.92	-49.27	-2.13	2.98	-1.55	-4.67	6.07
TORQ_SIN			0.00	1356.11	-109.34	360.28	-168.68	-38.34	6.06	74.29	-30.23	-6.16	51.22	3.95	-5.67	3.68	-4.10	2.43
THRUST_COS			5663.00	6.18	25.91	67.33	11.24	61.62	1.65	28.25	1.97	-4.61	-32.57	-5.59	2.04	-2.36	2.01	-10.18
THRUST_SIN			0.00	-362.88	0.58	21.27	29.18	-99.41	19.39	20.90	2.66	0.19	51.34	-1.55	-3.95	1.61	5.15	-31.21

RUN	POINT		Harmonics															
	46	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-157.52	66.13	-48.70	10.27	5.30	118.87	19.57	-3.37	-0.29	-2.53	-3.68	-0.77	-1.10	2.01	-1.26	0.36
SIDERH_SIN			0.00	232.80	-7.17	15.29	56.13	-120.56	2.42	3.38	-0.73	3.70	-6.18	1.18	-1.33	1.01	0.15	-6.54
DRAGRH_COS			-127.10	240.58	22.16	-5.98	15.66	-7.31	-40.99	1.41	-1.89	-6.03	-5.64	0.15	-4.04	-1.86	1.49	8.91
DRAGRH_SIN			0.00	-66.64	19.36	-7.70	-10.87	65.42	-10.44	-1.22	-5.24	3.67	10.23	-0.34	2.23	-0.57	-0.05	-2.93

RUN	POINT		Harmonics															
	46	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.44	-0.23	-0.26	0.09	-0.02	0.02	0.02	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.52	-0.20	-0.09	0.02	-0.02	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.23	-5.82	-8.70	1.97	-1.27	0.55	0.41	-0.41	-0.39	-0.30	0.27	0.14	-0.19	0.00	-0.10	-0.07
ACT1FORCE_SIN			0.00	18.00	-5.44	-1.68	1.50	-0.56	0.78	0.50	0.22	-0.16	-0.27	0.20	0.04	0.01	0.10	-0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.58	-0.16	0.15	0.09	-0.01	0.03	-0.03	-0.02	-0.02	0.01	0.03	-0.02	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.09	-0.15	0.07	-0.05	0.01	0.03	-0.02	-0.02	-0.03	0.02	0.01	-0.01	0.02	-0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.74	0.14	-0.13	-0.08	0.01	-0.04	0.03	0.01	0.01	-0.01	-0.03	0.02	-0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.12	0.15	-0.08	0.02	-0.02	-0.02	0.01	0.01	0.03	-0.02	-0.02	0.01	-0.02	0.01	0.00
MRBLD1CB42P75_COS			-440.75	-3586.84	339.66	-84.57	-42.05	-44.32	-70.20	28.72	14.17	-31.03	0.56	-7.42	-8.31	-6.22	-0.67	-4.76
MRBLD1CB42P75_SIN			0.00	461.87	-27.85	28.77	215.80	-47.81	-25.12	-62.69	40.15	16.96	-92.20	24.66	19.72	1.96	-8.21	19.20

RUN	POINT		Harmonics															
	46	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4514.55	-2493.24	207.62	-96.03	64.06	-77.95	-87.39	16.09	10.97	-22.60	-34.56	-3.87	-2.22	-1.29	-0.20	1.69
MRBLD1CB70_SIN			0.00	344.28	-138.46	106.40	287.04	-114.62	11.78	-42.46	25.86	23.53	-52.08	15.15	16.94	0.09	-9.07	24.75
MRBLD1CB120_COS			-280.95	-1214.93	160.16	26.11	107.85	-88.10	-80.76	19.26	7.49	11.70	2.03	-1.05	2.46	2.78	3.72	-1.58
MRBLD1CB120_SIN			0.00	435.85	-135.43	110.39	344.14	-118.77	11.86	-54.73	-43.09	-21.12	47.45	-6.54	-2.28	0.79	0.93	2.57
MRBLD1CB164_COS			-1960.87	-353.39	17.16	71.78	30.79	-54.20	-31.22	1.79	0.01	18.17	30.66	-1.31	0.81	-0.51	-5.14	-2.11
MRBLD1CB164_SIN			0.00	201.32	-57.34	59.59	156.69	-61.77	3.13	-4.29	-50.97	-30.92	48.66	-3.83	-5.72	1.13	8.32	-16.69
MRBLD1FB42P75_COS			2477.95	882.46	173.72	776.65	-46.08	-76.09	-117.39	-64.31	-67.88	-77.43	44.21	4.00	-7.94	-0.51	2.44	30.74
MRBLD1FB42P75_SIN			0.00	-114.80	530.66	252.25	471.07	209.43	3.43	-270.14	-17.95	-57.97	-138.13	23.00	5.02	-2.20	-25.90	19.36
MRBLD1FB70_COS			605.61	99.70	56.58	235.34	-15.50	-17.00	-23.17	-1.08	-0.89	-2.02	-1.97	1.11	0.97	0.30	-0.35	-5.31
MRBLD1FB70_SIN			0.00	-250.18	182.68	47.65	135.00	35.52	0.24	-40.69	6.26	5.72	2.15	1.70	1.99	1.45	5.41	-4.92
MRBLD1FB87_COS			88.03	126.25	-2.43	128.11	-17.60	-13.65	-0.63	4.35	10.99	15.63	-7.04	0.18	2.20	-0.02	-0.69	-7.36
MRBLD1FB87_SIN			0.00	-290.16	118.76	24.76	56.64	5.43	-3.21	22.67	0.07	11.84	33.21	-4.79	0.50	2.71	7.71	-1.61
MRBLD1FB120_COS			-271.92	154.47	-82.12	122.72	-12.90	-23.95	8.47	-3.76	-6.17	-3.18	-0.68	-4.83	-2.93	0.21	1.42	11.53
MRBLD1FB120_SIN			0.00	-398.84	118.17	81.22	23.08	-8.66	2.30	63.81	-7.74	-10.14	-15.26	-2.61	-5.97	-7.48	-12.40	2.63
MRBLD1FB164_COS			-24.69	196.87	88.87	61.15	68.72	49.47	18.94	16.42	3.42	1.57	-4.22	4.23	1.89	-3.24	-3.04	-5.91
MRBLD1FB164_SIN			0.00	-603.92	280.02	205.22	-82.70	-38.02	-9.80	-91.72	11.40	16.07	22.00	-1.78	3.66	2.45	4.00	-1.93

RUN	POINT		Harmonics															
	46	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-97.97	41.36	114.23	-9.53	49.74	49.80	7.33	5.47	4.98	19.72	-15.89	-8.81	-6.62	-2.67	2.90	13.75
MRBLD1FB180_SIN			0.00	-448.11	199.18	133.06	-73.93	-15.71	-1.62	-80.14	4.85	26.09	65.30	-17.62	-16.48	-13.38	-16.14	2.98
MRBLD1TOR51_COS			-1568.27	206.06	124.24	-20.45	16.03	-23.48	27.51	-3.87	-7.57	0.88	-7.06	-0.97	-0.85	2.46	4.10	1.45
MRBLD1TOR51_SIN			0.00	-276.40	241.81	80.69	-6.57	27.45	-36.39	-46.19	-1.45	1.00	7.16	-1.92	-4.58	-4.86	-1.88	2.66
MRBLD1TOR71_COS			-412.73	247.74	97.33	-35.39	23.98	-12.90	33.59	-6.65	-3.21	3.08	-9.27	-0.59	0.93	1.92	2.47	0.57
MRBLD1TOR71_SIN			0.00	-248.28	206.77	50.36	-29.94	24.48	-29.04	-29.74	0.05	4.46	11.63	-2.86	-3.49	-2.94	-0.31	1.80
MRBLD1TOR130_COS			-148.33	219.93	109.25	-63.29	29.53	-5.65	26.10	0.11	0.09	0.82	6.89	-2.58	0.50	-2.21	-2.93	-2.06
MRBLD1TOR130_SIN			0.00	-222.79	149.07	45.19	-44.16	17.33	-21.84	-31.19	1.19	-0.52	1.50	3.23	2.17	2.14	1.20	-0.70
MRBLD1TOR164_COS			-326.79	116.61	72.64	-58.92	5.71	-9.07	7.33	-4.15	3.81	2.39	-2.87	-1.03	2.24	-1.24	-0.39	-0.29
MRBLD1TOR164_SIN			0.00	-117.46	54.83	-4.30	-17.75	15.93	-11.45	-13.10	0.66	4.69	2.49	-2.24	0.21	0.85	-1.61	0.70
MRFBM1CB26P5_COS			-857.51	-2203.32	199.28	-72.85	-32.03	3.22	7.76	5.51	-1.66	-0.92	16.02	-0.69	-0.69	-0.15	1.50	-1.20
MRFBM1CB26P5_SIN			0.00	-226.86	89.84	-54.53	-11.91	12.39	-13.23	-8.76	3.07	-6.01	-8.25	1.53	-1.63	0.04	-0.08	-0.33
MRFBM1FB9_COS			437.21	1085.69	-213.18	-139.75	28.09	23.44	9.89	-7.70	1.68	1.33	-3.78	0.75	0.41	0.18	-0.76	0.83
MRFBM1FB9_SIN			0.00	217.39	-267.22	-146.53	-60.99	-7.95	11.11	13.26	3.06	3.15	2.06	0.11	0.46	0.31	0.26	-1.22
MRFBM1TOR26P5_COS			-95.31	91.91	6.45	-1.11	0.35	-0.10	0.42	-0.02	-0.28	-0.08	-0.19	0.12	-0.10	0.07	0.08	0.07
MRFBM1TOR26P5_SIN			0.00	-308.69	4.13	-0.50	-0.58	0.39	-0.79	-0.22	0.14	-0.06	0.04	-0.02	-0.05	-0.09	-0.01	-0.03

RUN	POINT		Harmonics															
	46	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			202.65	-2721.61	262.07	-69.36	-72.64	-22.97	-64.51	16.10	22.49	-15.56	13.56	-1.76	-3.75	-3.62	3.56	-4.77
MRPC1CB33P25_SIN			0.00	698.03	-33.10	-17.16	160.34	-15.85	-30.65	-58.86	16.21	-4.02	-69.35	19.63	13.28	1.42	-8.25	17.14
MRPC1FB33P25_COS			1744.55	716.51	-21.16	623.50	-130.60	-121.19	-99.29	59.51	-36.14	-22.34	116.44	-8.55	-5.02	1.64	23.25	-2.74
MRPC1FB33P25_SIN			0.00	127.70	439.85	334.38	389.83	143.37	-33.71	-253.10	-50.51	-86.54	-78.14	20.61	0.43	0.13	-11.91	41.84
MRPC1TOR25P5_COS			-224.94	-149.91	-168.16	62.45	-17.15	26.12	-35.76	9.11	13.14	2.35	18.23	0.96	2.48	-4.61	-5.54	-5.07
MRPC1TOR25P5_SIN			0.00	-31.19	-251.22	-84.25	28.76	-23.41	42.32	38.66	0.09	-2.89	-12.86	8.04	10.07	8.54	3.82	2.77
MRPLK1LOAD_COS			23.47	-24.74	-20.56	6.84	-5.07	4.89	-5.32	1.50	2.99	0.43	2.43	-0.27	0.90	-0.71	-1.15	-1.26
MRPLK1LOAD_SIN			0.00	-1.29	-34.33	-13.21	2.73	-4.09	5.98	5.96	-0.09	0.23	-1.13	0.48	1.42	1.42	0.21	0.41
PITCHRH_COS			-6180.51	-8967.86	-315.51	359.71	-7.04	-101.66	-38.65	-84.18	-53.07	1.49	95.32	23.58	30.60	47.88	-28.75	-134.44
PITCHRH_SIN			0.00	1323.21	-1350.97	102.80	-166.62	1719.20	117.57	53.81	58.67	-3.20	-260.78	33.23	10.75	1.68	21.96	44.41
ROLLRH_COS			-425.60	-1684.19	1744.18	-92.99	209.83	-2967.40	-195.58	47.42	-126.97	95.87	159.78	0.09	1.39	-57.65	18.75	74.20
ROLLRH_SIN			0.00	-9280.93	-223.96	490.56	-55.18	672.59	-157.61	-25.47	-130.69	-105.65	33.81	-5.36	33.37	-42.35	15.84	204.27
TORQ_COS			106584.58	-36.08	24.15	42.18	-93.24	-63.94	-3.68	-1.90	-3.95	0.24	-36.71	-2.54	5.03	-3.79	-3.78	4.29
TORQ_SIN			0.00	1423.30	-88.05	377.68	-134.47	-97.43	-0.07	30.04	-27.38	-7.58	46.89	1.87	-5.83	3.44	-4.29	0.68
THRUST_COS			5327.16	-13.04	29.50	63.97	10.46	60.80	-2.28	20.02	6.18	-5.37	-36.36	-0.89	1.13	-2.30	0.79	-8.67
THRUST_SIN			0.00	-359.65	-1.62	25.38	27.69	-97.02	17.58	10.32	2.32	-0.06	47.70	-3.64	-3.61	0.20	4.02	-26.03

RUN	POINT		Harmonics															
	46	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-160.52	65.54	-47.28	14.47	10.38	115.10	17.54	-2.23	1.57	-3.11	-3.28	-0.28	-0.31	1.98	-0.74	-1.97
SIDERH_SIN			0.00	226.70	-6.04	13.93	42.27	-151.08	-4.82	4.43	2.16	5.38	-5.54	1.18	-1.41	1.10	-0.37	-5.78
DRAGRH_COS			-275.73	232.43	13.58	-7.62	12.65	-33.52	-59.24	8.48	-0.55	-1.70	-5.38	1.58	-2.49	-1.64	1.82	7.90
DRAGRH_SIN			0.00	-62.75	18.25	-8.76	-7.31	97.05	-6.63	-2.78	-6.13	5.78	8.57	-0.28	0.44	0.82	-1.04	-3.65

RUN	POINT		Harmonics															
	46	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.54	-0.26	-0.26	0.10	-0.02	0.01	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.52	-0.22	-0.09	0.03	-0.03	0.02	0.01	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-20.94	-6.71	-8.62	2.30	-1.23	0.32	0.50	-0.45	-0.32	-0.30	0.31	0.14	-0.15	0.01	-0.10	-0.04
ACT1FORCE_SIN			0.00	17.95	-6.15	-1.59	1.53	-0.63	0.76	0.43	0.16	-0.17	-0.30	0.29	0.02	0.05	0.04	-0.06
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.59	-0.16	0.16	0.08	-0.02	0.04	-0.04	-0.01	-0.01	0.01	0.03	-0.03	0.00	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.10	-0.15	0.07	-0.04	0.01	0.03	-0.02	-0.01	-0.03	0.02	0.01	-0.01	0.01	-0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.14	-0.14	-0.08	0.03	-0.04	0.03	0.02	0.01	-0.01	-0.03	0.03	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.13	0.15	-0.09	0.02	-0.01	-0.03	0.01	0.00	0.03	-0.02	-0.01	0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-493.12	-4680.30	252.26	-97.63	-27.50	-34.79	-79.16	28.75	9.82	-30.07	-9.58	-6.52	-10.16	-9.52	-0.82	-3.27
MRBLD1CB42P75_SIN			0.00	134.29	-165.46	-0.98	191.92	-21.66	-28.06	-44.50	27.70	15.42	-85.94	27.74	21.56	4.55	-6.58	11.93

RUN	POINT		Harmonics															
	46	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4507.57	-3248.40	118.00	-71.10	44.42	-78.91	-103.12	24.75	4.34	-22.50	-40.29	-3.33	-4.88	-4.25	-0.16	0.75
MRBLD1CB70_SIN			0.00	41.47	-243.28	83.87	214.72	-61.12	-9.84	-34.92	14.83	20.77	-53.69	17.19	18.52	4.52	-5.24	16.74
MRBLD1CB120_COS			-294.25	-1507.18	79.54	58.35	69.14	-102.24	-102.25	24.64	10.75	13.72	7.16	-0.94	1.23	2.64	1.05	-1.29
MRBLD1CB120_SIN			0.00	291.81	-191.41	87.50	266.68	-61.06	-22.29	-47.07	-40.12	-18.37	42.34	-9.74	-3.37	-0.23	0.18	2.02
MRBLD1CB164_COS			-1951.07	-414.21	-2.38	87.57	11.22	-60.21	-36.79	2.22	6.94	21.52	36.03	-0.08	1.79	2.35	-3.42	-1.67
MRBLD1CB164_SIN			0.00	164.57	-77.14	41.67	126.69	-42.16	-18.28	-5.54	-41.88	-26.57	48.27	-7.30	-8.06	-1.73	4.63	-11.71
MRBLD1FB42P75_COS			2368.89	1179.61	207.52	752.82	-52.71	-82.48	-118.05	-51.29	-54.36	-65.93	58.86	3.02	-9.04	-5.72	-3.98	21.48
MRBLD1FB42P75_SIN			0.00	-46.57	636.34	133.56	449.26	230.24	29.87	-213.67	-27.42	-54.26	-121.94	28.74	6.24	1.54	-18.02	10.91
MRBLD1FB70_COS			588.62	100.08	70.29	235.90	-17.99	-17.12	-23.07	2.07	-0.19	-1.18	-2.32	1.11	1.37	0.94	0.76	-3.67
MRBLD1FB70_SIN			0.00	-244.03	189.26	6.08	127.44	42.09	4.76	-31.66	4.55	5.31	2.23	0.91	1.50	0.56	4.09	-3.25
MRBLD1FB87_COS			91.42	131.32	14.37	131.98	-18.03	-13.61	0.76	2.85	8.63	13.31	-10.41	-0.50	1.98	0.63	-0.04	-5.72
MRBLD1FB87_SIN			0.00	-280.28	117.09	1.06	54.49	6.16	-5.08	17.42	1.15	11.18	29.99	-5.85	0.60	1.81	6.01	0.05
MRBLD1FB120_COS			-259.05	158.31	-56.13	126.43	-11.09	-25.52	9.56	-8.94	-6.27	-3.72	1.17	-3.89	-2.25	-0.47	0.79	8.75
MRBLD1FB120_SIN			0.00	-390.93	115.94	53.35	25.56	-14.71	-3.73	49.20	-6.05	-9.71	-14.47	-1.58	-5.35	-5.90	-9.68	0.48
MRBLD1FB164_COS			-64.77	219.97	117.67	59.99	77.98	50.16	18.58	20.53	5.62	0.30	-8.13	2.55	0.80	-2.56	-2.02	-4.56
MRBLD1FB164_SIN			0.00	-604.36	293.88	172.37	-87.74	-38.09	-0.14	-67.05	10.29	15.21	20.80	-2.81	3.29	1.82	2.99	-0.50

RUN	POINT		Harmonics															
	46	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-136.58	66.83	128.08	-9.01	53.62	49.95	4.76	9.38	4.82	14.55	-25.26	-10.57	-7.71	-1.55	1.31	11.19
MRBLD1FB180_SIN			0.00	-447.17	206.91	117.12	-76.34	-16.27	7.31	-58.87	5.10	23.76	58.01	-19.27	-14.74	-11.96	-13.32	0.12
MRBLD1TOR51_COS			-1604.24	200.06	119.13	-26.02	13.49	-22.26	25.09	5.17	-6.48	0.99	-9.11	-0.14	-1.18	2.39	2.96	2.08
MRBLD1TOR51_SIN			0.00	-295.31	257.63	58.46	-13.32	39.36	-30.54	-32.09	-2.93	-0.31	4.06	-1.59	-3.76	-3.95	-1.25	1.65
MRBLD1TOR71_COS			-438.16	255.51	97.01	-40.96	22.07	-12.00	31.38	2.36	-2.33	3.06	-11.27	-0.15	0.58	2.56	1.82	0.97
MRBLD1TOR71_SIN			0.00	-259.88	220.63	36.11	-33.23	33.39	-24.01	-19.36	-0.99	2.46	7.88	-2.46	-2.87	-2.01	-0.30	1.08
MRBLD1TOR130_COS			-171.32	223.96	111.55	-69.91	28.83	-4.10	23.03	7.18	1.48	1.66	5.60	-3.54	0.38	-1.11	-2.30	-2.18
MRBLD1TOR130_SIN			0.00	-237.26	160.64	39.26	-46.67	24.03	-18.14	-22.09	1.16	-1.56	1.15	4.05	2.06	2.54	0.71	-0.36
MRBLD1TOR164_COS			-333.49	113.79	70.43	-63.64	3.54	-7.56	4.48	0.38	4.22	2.25	-3.30	-1.99	1.57	-0.74	-0.21	-0.45
MRBLD1TOR164_SIN			0.00	-130.43	59.43	-0.45	-20.09	20.03	-9.62	-11.44	0.86	3.02	1.90	-1.40	0.10	0.92	-1.80	0.42
MRFBM1CB26P5_COS			-925.60	-3131.53	197.22	-98.27	-21.45	7.55	7.51	3.61	-0.72	-1.44	15.48	-0.16	-0.63	-0.24	1.00	-0.87
MRFBM1CB26P5_SIN			0.00	-657.42	6.05	-29.94	4.31	10.47	-8.72	-5.06	3.02	-5.49	-5.75	2.51	-1.56	-0.90	-0.54	-0.23
MRFBM1FB9_COS			227.51	1945.85	-226.63	-145.33	26.87	23.69	10.39	-6.29	0.97	1.03	-3.56	1.12	0.42	0.35	-0.58	0.53
MRFBM1FB9_SIN			0.00	378.94	-299.98	-113.98	-58.84	-10.91	10.79	10.66	2.99	3.01	1.19	0.00	0.59	0.36	0.44	-0.61
MRFBM1TOR26P5_COS			-90.74	92.64	8.43	-1.48	0.93	0.01	0.52	-0.10	-0.36	-0.09	-0.15	0.17	-0.09	0.03	0.06	0.07
MRFBM1TOR26P5_SIN			0.00	-349.01	5.80	-1.46	-0.55	0.74	-0.56	-0.09	0.09	-0.01	0.03	-0.08	-0.04	-0.12	0.01	-0.01

RUN	POINT		Harmonics															
	46	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			149.51	-3382.28	166.20	-93.69	-48.08	-13.94	-69.18	11.96	22.26	-13.93	5.37	-0.77	-5.82	-7.38	1.59	-3.29
MRPC1CB33P25_SIN			0.00	628.78	-129.22	-50.42	170.40	-14.96	-30.88	-42.07	9.02	-1.34	-61.90	20.00	15.30	4.21	-6.87	10.78
MRPC1FB33P25_COS			1669.92	972.51	-24.13	621.84	-126.95	-130.77	-110.51	47.37	-22.33	-17.01	118.00	-12.47	-6.46	-4.41	13.31	-0.93
MRPC1FB33P25_SIN			0.00	204.18	545.32	222.94	368.54	160.66	-14.03	-205.42	-51.48	-78.39	-58.85	25.33	0.39	0.51	-11.56	29.70
MRPC1TOR25P5_COS			-171.57	-156.01	-180.78	62.58	-4.11	27.08	-33.64	-0.94	9.68	2.04	20.89	-1.43	2.71	-2.63	-4.69	-6.36
MRPC1TOR25P5_SIN			0.00	-49.15	-261.60	-79.80	30.07	-29.94	38.15	27.22	1.68	-5.22	-9.23	9.49	8.87	9.03	3.31	2.49
MRPLK1LOAD_COS			29.64	-27.32	-19.26	7.80	-4.91	4.57	-4.84	0.42	2.89	0.32	2.43	-0.85	0.82	-0.21	-0.82	-1.30
MRPLK1LOAD_SIN			0.00	-8.53	-36.80	-10.10	3.52	-5.83	5.01	3.81	0.03	-0.14	-0.72	1.02	1.43	1.54	-0.10	0.31
PITCHRH_COS			-18631.34	-8824.18	-303.59	364.49	-51.16	-35.26	66.37	-65.06	-110.74	8.42	93.38	-15.82	6.05	65.57	-30.69	-141.20
PITCHRH_SIN			0.00	1380.89	-1358.85	100.03	-169.67	1995.71	162.61	-15.71	92.37	-37.83	-168.28	15.59	11.78	-15.96	13.63	0.20
ROLLRH_COS			-2539.46	-1720.86	1707.30	-18.48	122.04	-2963.35	-228.50	119.30	-16.11	86.66	152.75	-7.61	-10.87	-47.51	9.69	57.21
ROLLRH_SIN			0.00	-9243.63	-224.90	524.66	-79.30	513.67	-78.53	-23.29	-263.53	-77.96	61.05	-25.58	34.05	-51.19	-5.22	130.50
TORQ_COS			104867.91	29.61	90.85	60.73	-58.24	-103.05	1.97	4.30	0.69	-2.01	-35.28	-2.71	4.76	-3.70	-2.80	2.32
TORQ_SIN			0.00	1383.88	-71.66	426.95	-90.03	-136.07	0.75	4.55	-22.84	-5.78	34.41	2.42	-2.94	3.26	-3.33	-0.26
THRUST_COS			4765.14	-30.63	38.36	66.49	3.38	67.46	0.30	13.88	5.18	-3.96	-42.05	-0.72	3.55	0.79	0.59	-7.41
THRUST_SIN			0.00	-335.57	-3.75	21.51	21.12	-105.99	16.03	5.34	3.21	-0.71	34.66	0.65	-0.71	1.21	-1.23	-20.01

RUN	POINT		Harmonics															
	46	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-163.78	64.26	-44.90	18.54	22.04	138.02	21.01	-1.28	-1.02	-3.08	-3.35	-0.11	0.34	1.70	-0.21	-1.62
SIDERH_SIN			0.00	222.63	-7.16	15.05	24.76	-138.39	-14.26	6.29	5.48	4.15	-5.70	1.86	-1.11	1.67	0.25	-3.59
DRAGRH_COS			-419.90	226.96	13.04	-9.57	8.32	-110.87	-69.51	11.59	1.74	-2.98	-3.47	2.04	-1.51	-1.87	1.52	8.43
DRAGRH_SIN			0.00	-56.00	22.76	-9.48	-6.01	97.61	-16.79	-3.53	-6.59	6.52	3.89	0.33	-0.51	1.39	-0.45	-1.52

RUN	POINT		Harmonics															
	46	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-0.20	-0.28	0.08	-0.02	0.02	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.52	-0.17	-0.10	0.01	-0.03	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-25.24	-4.74	-9.50	1.60	-1.37	0.50	0.52	-0.38	-0.34	-0.36	0.24	0.13	-0.07	-0.05	0.01	-0.16
ACT1FORCE_SIN			0.00	18.24	-4.50	-2.11	1.55	-0.61	0.83	0.44	0.32	-0.19	-0.28	0.02	0.09	0.01	0.14	-0.07
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.58	-0.16	0.13	0.10	0.00	0.04	-0.03	-0.01	-0.03	0.01	0.02	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.07	-0.17	0.06	-0.05	0.02	0.03	-0.02	-0.02	-0.02	0.01	0.01	0.01	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.15	-0.12	-0.09	0.01	-0.04	0.03	0.00	0.02	-0.02	-0.03	0.01	0.01	-0.01	0.02	0.01
FA1OBVOLTAGE_SIN			0.00	0.12	0.17	-0.07	0.02	-0.02	-0.03	0.01	0.00	0.03	-0.01	-0.02	0.00	-0.01	-0.01	0.02
MRBLD1CB42P75_COS			-414.71	-2334.77	435.31	-77.27	-31.92	-64.10	-72.42	6.32	13.26	-28.67	9.17	2.83	-3.39	-4.65	-5.39	-3.21
MRBLD1CB42P75_SIN			0.00	937.98	46.70	56.68	221.54	-76.45	-26.19	-75.70	37.39	29.79	-82.94	7.68	12.49	3.51	-2.26	19.98

RUN	POINT		Harmonics															
	46	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4497.76	-1677.98	288.14	-113.52	80.62	-116.11	-86.05	5.85	13.39	-18.97	-21.09	3.85	1.75	-0.06	-3.02	5.07
MRBLD1CB70_SIN			0.00	714.44	-72.37	120.27	334.74	-146.86	13.30	-42.02	24.94	34.62	-40.51	1.09	9.58	-1.01	-5.53	28.35
MRBLD1CB120_COS			-274.90	-904.76	232.67	4.05	114.26	-124.73	-73.24	27.52	10.43	11.05	-2.19	-4.56	2.93	4.07	4.35	-1.94
MRBLD1CB120_SIN			0.00	601.07	-91.46	104.92	394.39	-136.59	20.04	-37.55	-38.23	-31.22	44.95	2.09	0.63	1.48	-0.89	3.37
MRBLD1CB164_COS			-1969.23	-291.34	39.18	60.74	31.19	-69.94	-26.25	13.24	-0.33	14.41	19.99	-5.71	-0.94	-0.56	-2.17	-3.78
MRBLD1CB164_SIN			0.00	246.50	-39.30	55.25	173.24	-65.79	11.69	8.76	-47.32	-44.16	39.72	6.93	-1.41	2.88	6.99	-19.77
MRBLD1FB42P75_COS			2528.14	562.61	188.58	762.86	-97.25	-74.11	-130.20	-98.31	-62.74	-96.48	15.32	7.00	-2.50	5.79	-0.75	33.79
MRBLD1FB42P75_SIN			0.00	-201.65	422.81	289.45	462.20	214.73	2.55	-260.86	-14.38	-56.05	-127.05	14.59	5.78	-0.73	-13.67	20.62
MRBLD1FB70_COS			615.48	98.71	61.06	226.50	-30.19	-19.79	-26.75	-7.65	-0.05	-2.28	-1.16	0.66	0.44	-0.26	0.60	-6.18
MRBLD1FB70_SIN			0.00	-256.25	167.91	59.21	132.52	35.99	-0.85	-40.48	5.80	6.24	2.35	1.62	1.36	0.67	2.91	-5.12
MRBLD1FB87_COS			83.73	116.32	-8.15	120.38	-24.28	-14.60	-0.47	7.28	10.26	18.97	-1.21	0.12	1.86	-0.82	0.37	-7.35
MRBLD1FB87_SIN			0.00	-299.42	114.84	28.61	54.48	5.06	-3.70	21.21	-0.89	10.54	30.48	-2.47	0.45	2.30	5.24	-1.46
MRBLD1FB120_COS			-281.59	143.51	-100.65	111.46	-10.58	-22.62	11.75	5.90	-8.45	-4.61	-3.89	-6.15	-3.87	0.39	-0.86	11.66
MRBLD1FB120_SIN			0.00	-406.58	116.04	92.87	22.09	-4.47	3.49	64.22	-5.35	-9.65	-13.90	-3.30	-5.46	-6.59	-9.01	1.79
MRBLD1FB164_COS			11.65	170.72	70.71	54.48	89.07	50.67	18.44	4.00	5.03	5.24	0.42	4.86	2.43	-4.05	-2.51	-5.95
MRBLD1FB164_SIN			0.00	-612.47	256.15	226.11	-61.09	-30.29	-14.09	-90.55	8.10	14.30	20.27	-1.07	3.62	2.37	2.26	-1.32

RUN	POINT		Harmonics															
	46	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-62.31	16.27	108.54	-12.29	64.81	52.08	5.05	-4.62	6.15	27.88	-2.70	-9.47	-9.78	-4.18	-0.92	14.22
MRBLD1FB180_SIN			0.00	-454.92	182.99	144.80	-60.92	-8.80	-6.06	-81.62	2.24	23.73	61.88	-12.05	-14.18	-10.75	-11.84	2.22
MRBLD1TOR51_COS			-1545.33	209.31	147.17	-16.54	12.32	-24.87	22.28	-15.57	-4.74	1.35	-2.67	-1.96	-0.53	1.92	2.91	1.07
MRBLD1TOR51_SIN			0.00	-263.06	224.77	99.82	-7.59	22.62	-37.80	-44.80	0.15	1.85	7.76	-2.21	-5.43	-3.85	-1.83	4.30
MRBLD1TOR71_COS			-394.57	236.01	112.75	-31.26	21.08	-12.70	29.49	-15.70	-1.27	3.94	-4.50	-2.21	1.19	1.17	1.88	0.26
MRBLD1TOR71_SIN			0.00	-243.70	192.79	64.40	-32.30	20.59	-30.18	-27.81	1.80	4.93	12.22	-3.12	-4.33	-2.77	-0.52	2.82
MRBLD1TOR130_COS			-131.43	213.37	118.62	-57.31	28.22	-4.76	23.11	-8.20	1.45	0.49	7.84	-2.04	1.10	-2.11	-2.23	-1.75
MRBLD1TOR130_SIN			0.00	-215.77	136.91	55.78	-44.94	13.88	-22.87	-29.55	2.01	-1.59	0.90	1.66	2.02	1.51	1.45	-1.32
MRBLD1TOR164_COS			-323.67	118.25	79.00	-53.71	3.66	-9.11	6.23	-7.06	3.60	3.46	-1.27	-0.73	1.78	-1.35	-1.07	0.43
MRBLD1TOR164_SIN			0.00	-110.05	51.33	-1.69	-21.11	13.33	-13.07	-11.72	0.81	4.02	2.71	-2.88	0.64	0.30	-1.63	-0.57
MRFBM1CB26P5_COS			-812.82	-1368.89	225.78	-53.59	-28.42	10.19	7.07	1.45	-0.69	-1.90	13.05	0.12	-0.78	-0.28	0.98	-1.47
MRFBM1CB26P5_SIN			0.00	219.26	129.09	-61.37	-21.72	5.98	-14.28	-13.59	2.32	-5.33	-10.80	1.75	-0.72	0.47	-0.22	-0.66
MRFBM1FB9_COS			600.69	312.24	-235.78	-134.43	35.58	25.67	10.02	-6.12	1.66	1.91	-3.12	0.57	0.42	0.18	-0.41	0.80
MRFBM1FB9_SIN			0.00	82.82	-230.46	-155.32	-57.17	-8.78	11.77	14.26	2.72	3.32	2.47	0.22	0.37	0.12	0.34	-1.41
MRFBM1TOR26P5_COS			-96.71	91.26	5.03	-0.89	0.08	-0.35	0.56	0.01	-0.28	0.00	-0.20	0.11	-0.10	0.09	0.07	0.08
MRFBM1TOR26P5_SIN			0.00	-272.13	3.57	0.38	-0.78	0.10	-0.73	-0.26	0.08	-0.01	0.05	0.06	-0.06	-0.03	-0.02	-0.02

RUN	POINT		Harmonics															
	46	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			200.70	-1789.06	360.10	-47.06	-66.12	-34.44	-66.15	-0.05	18.55	-14.80	15.86	3.76	-0.79	-1.54	-0.75	-4.64
MRPC1CB33P25_SIN			0.00	931.21	17.49	17.10	140.93	-26.34	-30.18	-69.15	15.92	0.41	-66.41	8.56	8.47	3.51	-3.30	17.44
MRPC1FB33P25_COS			1799.16	454.52	17.23	610.46	-171.77	-120.98	-110.46	27.46	-34.55	-37.72	89.56	-0.49	-2.69	3.17	11.27	-0.32
MRPC1FB33P25_SIN			0.00	32.68	349.85	368.90	373.46	147.89	-39.36	-259.90	-45.98	-95.02	-87.03	16.18	3.15	5.18	-8.30	45.05
MRPC1TOR25P5_COS			-263.33	-136.13	-181.78	57.54	-21.69	29.97	-26.86	17.90	8.78	2.35	13.38	2.81	3.16	-5.07	-5.15	-3.88
MRPC1TOR25P5_SIN			0.00	3.00	-232.84	-95.43	27.85	-24.93	45.28	39.71	-1.55	-4.78	-13.29	5.44	10.91	6.31	3.69	0.12
MRPLK1LOAD_COS			18.75	-21.66	-23.84	5.93	-4.50	5.47	-4.78	2.62	2.54	0.42	2.15	-0.13	0.93	-0.95	-1.09	-1.09
MRPLK1LOAD_SIN			0.00	5.83	-31.66	-16.00	3.06	-3.42	6.12	5.86	-0.08	-0.10	-1.22	-0.19	1.45	0.94	0.33	0.06
PITCHRH_COS			5597.46	-8763.22	-407.20	367.84	-6.80	-336.00	194.23	-115.55	9.34	38.28	79.17	-5.70	19.59	28.28	-29.94	-153.99
PITCHRH_SIN			0.00	1117.62	-1452.89	122.87	-137.01	1539.20	234.44	84.62	12.64	1.10	-283.36	0.64	-29.93	16.25	7.40	69.57
ROLLRH_COS			1552.15	-1381.47	1840.64	-120.32	295.90	-2816.67	-183.77	85.08	-91.28	131.27	177.44	35.45	2.36	-80.56	64.96	90.78
ROLLRH_SIN			0.00	-9051.51	-336.97	479.99	1.09	551.30	-232.26	-78.86	-87.61	-67.63	4.71	-11.25	-15.02	-24.44	-10.18	185.23
TORQ_COS			107515.27	-40.19	-33.29	40.95	-107.83	-29.63	-5.21	17.10	-1.51	0.73	-32.19	-3.18	5.48	-2.48	-3.09	6.45
TORQ_SIN			0.00	1359.71	-100.16	358.25	-186.91	-17.59	7.45	59.73	-25.27	-6.38	54.06	1.48	-5.13	3.36	-3.81	1.17
THRUST_COS			5782.04	-3.11	21.98	62.05	11.86	60.14	6.01	29.72	2.98	-8.51	-21.18	-6.89	2.52	-2.49	2.00	-13.30
THRUST_SIN			0.00	-365.43	-6.20	19.85	30.01	-96.40	15.96	13.71	1.72	3.03	51.63	-3.73	-2.01	1.63	2.88	-30.68

RUN	POINT		Harmonics															
	46	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-162.01	59.12	-51.65	10.66	4.55	108.00	27.94	-4.88	-0.05	-4.75	-4.73	-1.42	-0.47	2.34	-2.29	-2.58
SIDERH_SIN			0.00	224.53	1.54	12.59	40.82	-138.87	-4.27	4.14	1.22	3.27	-5.76	1.80	0.14	0.49	0.38	-5.29
DRAGRH_COS			-128.52	230.50	20.28	-5.24	14.05	11.29	-51.83	2.00	-0.85	-4.97	-8.37	1.60	-0.34	-0.84	1.96	7.91
DRAGRH_SIN			0.00	-62.91	15.76	-9.35	-11.56	78.81	-32.10	3.18	-5.09	3.74	10.90	0.31	2.83	0.32	0.30	-4.15

RUN	POINT		Harmonics															
	46	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.25	-0.17	-0.30	0.08	-0.02	0.01	0.02	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.54	-0.16	-0.11	0.02	-0.03	0.02	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-27.62	-3.89	-10.09	1.66	-1.25	0.40	0.70	-0.49	-0.17	-0.45	0.36	0.10	-0.04	-0.11	-0.03	-0.15
ACT1FORCE_SIN			0.00	18.94	-4.12	-2.47	2.03	-0.60	0.96	0.45	0.37	-0.12	-0.35	0.10	0.09	0.15	0.07	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.58	-0.17	0.12	0.11	-0.01	0.04	-0.04	0.00	-0.02	0.00	0.03	-0.01	0.00	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.07	-0.17	0.07	-0.05	0.01	0.04	-0.02	-0.01	-0.04	0.03	0.01	0.02	0.01	0.01	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.16	-0.11	-0.10	0.02	-0.05	0.04	0.00	0.02	-0.01	-0.03	0.00	0.00	0.00	0.01	0.02
FA1OBVOLTAGE_SIN			0.00	0.11	0.18	-0.07	0.02	-0.02	-0.03	0.02	-0.01	0.04	-0.02	-0.01	-0.01	0.00	-0.01	0.02
MRBLD1CB42P75_COS			-478.15	-569.07	563.03	-65.60	7.12	-84.96	-88.00	-24.83	7.25	-22.24	28.31	-5.43	-8.15	-8.50	-4.72	-6.23
MRBLD1CB42P75_SIN			0.00	1789.68	67.63	31.01	229.09	-100.76	-22.23	-100.35	31.94	51.53	-107.86	-0.91	10.14	6.97	8.24	28.31

RUN	POINT		Harmonics															
	46	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4419.08	-547.26	396.10	-106.70	130.32	-126.31	-113.11	-20.32	14.02	-11.94	-8.72	-4.51	-3.91	-1.84	-3.20	5.08
MRBLD1CB70_SIN			0.00	1328.14	-64.44	108.83	399.54	-178.77	12.67	-48.07	17.86	53.42	-58.91	-5.48	4.18	2.09	0.49	37.82
MRBLD1CB120_COS			-282.79	-477.82	320.47	9.99	147.70	-109.12	-86.19	20.28	9.85	-3.13	-16.14	-5.00	2.50	5.55	3.97	-3.34
MRBLD1CB120_SIN			0.00	875.72	-82.92	83.16	463.13	-159.48	17.34	-37.89	-40.68	-54.06	61.80	6.77	1.24	2.19	-2.62	4.34
MRBLD1CB164_COS			-1979.91	-206.68	65.61	65.90	42.27	-63.93	-26.35	23.80	-5.38	-0.66	4.71	-2.36	1.10	-0.54	-3.15	-4.56
MRBLD1CB164_SIN			0.00	316.88	-30.40	48.93	197.80	-68.17	15.79	16.11	-49.29	-71.16	56.48	14.76	2.99	1.67	5.00	-25.82
MRBLD1FB42P75_COS			2655.55	128.13	195.70	731.54	-131.10	-64.78	-136.57	-171.06	-68.64	-131.20	11.08	1.01	2.07	11.79	12.90	43.13
MRBLD1FB42P75_SIN			0.00	-328.34	372.97	271.74	409.61	199.96	-6.34	-291.10	-15.92	-63.33	-135.05	12.15	10.29	0.48	-8.93	32.64
MRBLD1FB70_COS			633.92	105.16	61.04	214.02	-36.45	-18.12	-30.83	-20.61	-0.63	-3.02	-0.57	0.97	-0.13	-1.16	-1.99	-7.84
MRBLD1FB70_SIN			0.00	-253.93	169.71	51.67	120.17	31.38	-1.40	-45.10	6.17	6.69	1.58	2.12	1.19	0.53	1.69	-7.53
MRBLD1FB87_COS			81.20	108.31	-14.71	112.58	-29.10	-14.36	-1.55	14.04	12.27	25.37	0.29	2.78	1.85	-1.58	-2.10	-8.91
MRBLD1FB87_SIN			0.00	-311.79	125.44	26.45	52.18	3.73	-2.66	23.77	-0.03	12.15	34.00	-1.44	-0.14	2.07	4.50	-3.36
MRBLD1FB120_COS			-295.57	133.00	-113.53	108.59	-4.73	-26.00	14.89	25.72	-8.67	-4.77	-4.94	-9.00	-4.14	1.65	3.00	14.01
MRBLD1FB120_SIN			0.00	-434.71	130.44	100.21	26.58	2.94	4.49	71.21	-5.29	-11.26	-15.54	-4.81	-5.77	-6.99	-8.09	4.31
MRBLD1FB164_COS			49.15	147.54	52.92	45.45	108.84	60.13	26.20	-22.72	1.62	7.11	2.76	8.18	4.34	-4.71	-5.61	-6.80
MRBLD1FB164_SIN			0.00	-639.77	262.16	234.09	-35.89	-29.63	-21.92	-103.62	10.38	14.88	21.71	-0.68	2.54	2.89	0.81	-2.78

RUN	POINT		Harmonics															
	46	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-23.64	-10.43	103.76	-20.60	74.90	62.64	6.78	-28.46	3.74	38.62	4.20	-5.20	-10.00	-2.65	4.54	17.81
MRBLD1FB180_SIN			0.00	-474.01	187.67	151.37	-49.96	-7.44	-11.67	-97.51	5.16	25.77	69.76	-13.57	-19.02	-11.04	-10.07	5.51
MRBLD1TOR51_COS			-1514.82	224.91	165.24	-26.41	18.04	-19.43	21.71	-35.87	-7.52	1.93	0.38	-1.95	-0.62	3.00	3.22	0.96
MRBLD1TOR51_SIN			0.00	-243.28	221.28	106.65	-15.03	19.11	-46.34	-47.41	-1.37	4.12	8.42	-0.54	-7.51	-4.05	-0.94	6.35
MRBLD1TOR71_COS			-369.45	229.21	122.90	-38.75	24.74	-6.83	30.26	-31.42	-3.99	5.05	-2.48	-2.52	0.84	1.98	1.95	0.17
MRBLD1TOR71_SIN			0.00	-237.88	191.31	69.83	-40.32	18.64	-37.61	-27.34	0.98	7.46	14.06	-1.40	-5.83	-2.61	0.00	3.86
MRBLD1TOR130_COS			-108.69	212.57	123.03	-60.81	30.58	0.63	23.72	-20.82	-0.41	-0.40	9.05	-2.78	-0.23	-2.34	-2.38	-1.80
MRBLD1TOR130_SIN			0.00	-206.74	133.96	61.25	-51.25	12.25	-29.10	-30.09	0.50	-2.10	0.42	1.12	2.57	2.37	1.64	-2.05
MRBLD1TOR164_COS			-317.00	124.36	83.24	-54.23	3.13	-7.56	5.14	-11.50	2.46	4.77	-1.91	-0.87	1.51	-1.53	-0.92	0.48
MRBLD1TOR164_SIN			0.00	-97.95	49.37	0.49	-28.96	12.40	-17.30	-10.83	0.63	5.24	2.98	-5.09	1.47	1.15	-1.12	-1.44
MRFBM1CB26P5_COS			-915.15	-353.84	246.21	-42.81	-26.20	6.48	8.86	-0.97	-0.82	-2.27	13.88	0.49	-0.35	-0.22	1.41	-2.31
MRFBM1CB26P5_SIN			0.00	850.07	128.65	-75.93	-34.85	1.52	-13.54	-18.91	1.17	-6.02	-11.91	1.55	0.58	0.49	0.66	-0.69
MRFBM1FB9_COS			801.80	-615.01	-236.50	-122.58	39.00	22.61	11.11	-4.40	1.61	2.36	-3.57	0.58	0.56	0.10	-0.26	1.21
MRFBM1FB9_SIN			0.00	-91.14	-224.17	-147.48	-49.66	-7.27	12.70	17.12	2.85	3.51	2.98	0.43	0.27	-0.14	-0.18	-1.80
MRFBM1TOR26P5_COS			-98.18	88.48	3.98	-0.71	0.41	-0.46	0.68	-0.15	-0.29	0.07	-0.17	0.17	-0.07	0.10	0.07	0.08
MRFBM1TOR26P5_SIN			0.00	-231.66	3.94	1.13	-0.87	-0.07	-0.76	-0.36	0.10	0.00	0.06	0.14	-0.11	-0.08	-0.04	-0.01

RUN	POINT		Harmonics															
	46	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			216.27	-353.64	506.62	-29.27	-36.15	-53.51	-65.08	-23.01	10.40	-17.12	27.49	-0.55	-2.69	-4.97	0.79	-7.60
MRPC1CB33P25_SIN			0.00	1482.79	35.32	-10.51	116.57	-30.62	-22.80	-94.64	15.56	4.79	-81.54	3.42	6.73	5.81	5.55	25.16
MRPC1FB33P25_COS			1901.90	94.15	40.20	589.31	-188.64	-110.37	-114.38	-16.09	-37.25	-60.05	91.27	-3.46	-4.08	5.87	15.57	-5.70
MRPC1FB33P25_SIN			0.00	-96.72	298.00	352.63	325.14	138.33	-47.76	-312.45	-51.06	-118.59	-96.64	9.98	9.24	9.99	6.58	59.83
MRPC1TOR25P5_COS			-299.28	-131.07	-198.26	65.86	-28.97	25.14	-27.52	37.41	11.73	0.65	10.41	1.16	1.41	-6.36	-5.56	-4.97
MRPC1TOR25P5_SIN			0.00	53.48	-228.86	-104.72	34.22	-22.07	55.54	40.78	-0.98	-7.30	-14.29	2.26	14.28	8.09	4.68	-1.57
MRPLK1LOAD_COS			13.12	-19.53	-26.46	7.05	-5.41	4.96	-5.15	5.56	3.00	0.05	1.67	-0.53	0.49	-1.16	-1.17	-1.22
MRPLK1LOAD_SIN			0.00	13.81	-31.13	-17.25	4.21	-2.86	7.43	6.13	0.02	-0.40	-1.30	-0.85	2.00	1.42	0.61	-0.19
PITCHRH_COS			20627.10	-8777.27	-596.63	395.99	42.03	-483.96	76.96	-23.82	-80.15	2.85	32.48	14.89	38.33	42.05	-22.46	-196.14
PITCHRH_SIN			0.00	993.87	-1424.96	129.78	-143.45	1159.26	133.54	146.30	-73.78	24.00	-390.00	8.09	-11.99	44.70	17.76	96.55
ROLLRH_COS			4365.65	-1302.96	1901.46	-216.24	376.62	-2463.55	-229.12	134.04	-59.34	133.36	230.47	23.91	7.10	-39.94	70.29	59.51
ROLLRH_SIN			0.00	-8994.31	-511.38	466.02	7.87	510.26	-255.73	-38.81	-95.12	-102.16	-56.78	-18.66	22.04	-46.97	-40.37	220.22
TORQ_COS			106575.48	19.69	-112.63	42.87	-127.18	40.14	-7.26	40.84	6.25	0.29	-34.88	-3.65	3.71	0.56	-2.87	7.57
TORQ_SIN			0.00	1290.98	-21.53	361.47	-238.96	47.61	5.50	89.56	-26.82	-5.58	61.25	1.70	-7.99	3.40	-4.62	1.28
THRUST_COS			6339.01	14.92	12.61	58.20	13.80	53.22	3.00	38.83	-3.43	-1.39	-15.59	-10.61	0.84	-3.76	2.62	-16.58
THRUST_SIN			0.00	-375.37	-0.99	24.85	31.73	-93.41	13.50	15.34	3.91	6.14	55.02	-7.30	-3.39	4.03	1.22	-33.00

RUN	POINT		Harmonics															
	46	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-161.71	60.60	-49.06	3.78	10.26	93.63	21.38	-4.64	0.03	-4.92	-6.91	-1.00	-0.63	1.27	-2.17	-1.40
SIDERH_SIN			0.00	226.53	11.42	10.29	53.78	-134.10	1.85	4.65	1.57	5.73	-4.38	2.49	-0.96	1.37	1.44	-6.59
DRAGRH_COS			63.40	232.84	24.47	-3.12	13.61	45.54	-53.76	1.58	1.25	-4.66	-8.48	2.72	-2.24	-1.14	1.01	9.79
DRAGRH_SIN			0.00	-65.28	4.25	-6.22	-17.75	74.13	-22.12	2.10	-6.86	2.99	19.91	-0.70	3.02	-2.10	-0.34	-5.80

RUN	POINT		Harmonics															
	46	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.34	-0.16	-0.30	0.06	-0.03	0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	-0.01
FLAP1C_SIN			0.00	0.55	-0.14	-0.10	0.01	-0.04	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.78	-3.55	-9.71	1.20	-1.35	0.52	0.82	0.06	-0.29	-0.40	0.12	0.19	-0.07	-0.09	0.01	-0.25
ACT1FORCE_SIN			0.00	19.00	-3.56	-2.19	1.66	-0.82	0.64	0.65	0.57	-0.05	-0.35	-0.03	0.21	0.08	0.16	-0.03
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.59	-0.18	0.11	0.10	0.00	0.05	-0.02	-0.01	-0.04	0.00	0.04	0.00	-0.01	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.07	-0.17	0.05	-0.05	0.01	0.05	0.00	-0.01	-0.04	0.00	0.02	0.01	0.00	0.01	-0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.16	-0.09	-0.10	0.00	-0.06	0.02	0.01	0.03	0.00	-0.03	-0.01	0.00	-0.01	0.02	0.01
FA1OBVOLTAGE_SIN			0.00	0.10	0.17	-0.05	0.03	-0.02	-0.04	0.00	0.00	0.04	0.00	-0.02	0.00	-0.01	-0.01	0.03
MRBLD1CB42P75_COS			-1018.86	522.96	540.08	-54.66	19.54	-68.29	-79.72	-57.06	25.66	-16.12	4.53	5.01	-12.51	-6.61	5.50	-7.63
MRBLD1CB42P75_SIN			0.00	1491.43	4.73	20.45	202.59	-102.59	-10.49	-134.14	37.94	53.25	-100.21	13.25	11.69	11.93	2.22	31.51

RUN	POINT		Harmonics															
	46	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4140.47	154.58	389.92	-106.55	172.22	-90.61	-82.64	-42.68	27.11	-4.73	-21.37	6.18	-6.22	2.51	3.61	8.14
MRBLD1CB70_SIN			0.00	1115.48	-112.13	97.13	345.01	-194.76	13.09	-70.55	20.62	54.58	-36.43	5.39	5.07	5.87	-4.07	38.38
MRBLD1CB120_COS			-351.49	-204.35	307.68	9.63	183.81	-72.43	-47.97	1.63	-1.04	-2.08	-0.06	-5.08	8.13	7.76	6.28	-2.01
MRBLD1CB120_SIN			0.00	758.24	-126.12	85.61	394.49	-179.97	10.87	-44.23	-45.77	-52.86	57.99	3.36	0.55	-0.09	-1.46	5.11
MRBLD1CB164_COS			-1976.84	-139.83	63.45	67.09	57.85	-47.69	-7.09	24.79	-21.03	-2.80	20.79	-6.56	5.56	-2.72	-5.54	-6.45
MRBLD1CB164_SIN			0.00	274.54	-44.79	49.10	167.95	-78.05	13.11	24.22	-52.36	-71.51	38.08	9.14	2.76	-0.51	8.32	-24.27
MRBLD1FB42P75_COS			2654.58	-106.14	165.72	800.82	-181.16	-56.43	-155.99	-279.39	-74.30	-129.35	-35.71	14.20	4.07	13.33	14.96	47.46
MRBLD1FB42P75_SIN			0.00	-234.12	333.10	299.57	387.00	201.22	16.84	-313.69	-16.06	-68.27	-155.88	13.64	5.81	-3.82	-37.55	39.08
MRBLD1FB70_COS			588.50	111.93	56.21	232.00	-48.20	-14.33	-32.00	-39.81	0.41	-1.71	-0.05	1.52	0.26	-1.48	-2.31	-8.59
MRBLD1FB70_SIN			0.00	-257.54	164.16	60.64	108.97	30.57	3.16	-50.18	5.51	5.75	2.76	1.66	1.34	0.91	6.73	-9.00
MRBLD1FB87_COS			60.79	107.77	-13.23	121.14	-32.77	-13.04	0.68	23.64	13.12	25.36	11.38	-0.52	1.85	-1.43	-2.38	-9.58
MRBLD1FB87_SIN			0.00	-310.24	128.40	32.17	46.96	3.10	-3.42	25.00	-0.34	12.38	36.91	-2.43	0.24	2.78	10.81	-4.69
MRBLD1FB120_COS			-305.95	139.49	-109.15	117.03	-2.58	-27.30	17.43	53.10	-10.33	-6.57	-9.13	-8.30	-5.11	0.78	2.62	14.61
MRBLD1FB120_SIN			0.00	-423.49	139.43	98.75	28.79	1.27	-1.26	76.52	-4.03	-10.20	-16.52	-3.75	-6.55	-7.93	-17.39	6.51
MRBLD1FB164_COS			-11.35	150.78	45.71	69.92	119.88	58.78	21.45	-61.18	4.82	9.33	8.52	6.32	3.91	-4.05	-6.20	-7.77
MRBLD1FB164_SIN			0.00	-621.98	257.41	228.55	-16.68	-20.85	-14.00	-112.39	9.49	16.60	22.84	-2.59	2.78	2.95	7.02	-3.93

RUN	POINT		Harmonics															
	46	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-75.34	-2.51	95.99	-3.93	80.30	63.36	6.45	-67.64	5.92	40.99	23.24	-14.51	-13.53	-3.56	3.96	18.15
MRBLD1FB180_SIN			0.00	-459.17	177.99	148.68	-38.72	-2.28	-0.86	-103.71	-1.28	26.95	72.21	-17.05	-19.98	-12.66	-20.86	7.14
MRBLD1TOR51_COS			-1542.45	219.18	170.37	-11.99	13.58	-23.10	12.18	-50.10	-8.96	0.52	2.32	-1.88	-1.12	3.67	7.72	0.76
MRBLD1TOR51_SIN			0.00	-266.03	197.77	115.63	-9.89	15.47	-42.66	-52.66	1.37	1.86	11.61	-2.98	-8.00	-6.51	-2.13	7.19
MRBLD1TOR71_COS			-387.19	211.86	128.42	-27.33	20.44	-11.27	21.15	-40.46	-5.95	3.31	0.77	-3.24	-0.46	2.71	4.57	-0.15
MRBLD1TOR71_SIN			0.00	-255.09	173.78	76.62	-33.18	15.44	-35.23	-29.16	3.79	4.99	18.34	-3.92	-6.41	-3.94	-0.41	4.63
MRBLD1TOR130_COS			-128.10	199.37	127.94	-50.98	27.75	-3.99	15.30	-30.47	-1.84	-1.42	8.78	-2.40	-2.00	-1.87	-3.74	-1.76
MRBLD1TOR130_SIN			0.00	-227.55	122.40	63.89	-42.19	10.32	-27.17	-33.24	1.53	-4.29	0.54	1.81	2.64	3.96	1.85	-1.84
MRBLD1TOR164_COS			-321.12	114.85	89.56	-51.52	1.44	-8.96	0.14	-14.95	2.40	4.46	-0.49	-1.16	0.99	-1.19	-1.59	0.53
MRBLD1TOR164_SIN			0.00	-118.26	42.77	1.99	-26.35	11.20	-15.50	-11.97	0.34	3.40	4.97	-5.14	1.03	3.04	-2.20	-1.63
MRFBM1CB26P5_COS			-1365.59	254.77	237.09	-38.57	-30.76	2.68	2.84	-4.47	0.40	-2.84	11.29	-0.17	-0.11	-0.57	2.81	-2.94
MRFBM1CB26P5_SIN			0.00	745.79	90.64	-74.70	-24.33	4.43	-10.82	-21.08	1.91	-6.36	-18.10	1.62	0.80	0.27	-0.27	-0.07
MRFBM1FB9_COS			610.65	-931.78	-211.54	-136.90	42.91	21.55	12.44	-1.23	1.72	1.79	-3.20	0.35	0.26	-0.23	-1.24	1.44
MRFBM1FB9_SIN			0.00	-14.68	-205.97	-159.67	-45.02	-9.01	9.82	22.18	2.53	3.44	4.18	-0.05	0.27	-0.24	-0.37	-2.13
MRFBM1TOR26P5_COS			-128.16	83.68	3.93	-0.60	0.55	-0.56	0.78	-0.19	-0.28	0.08	-0.18	0.17	0.03	0.06	0.10	0.09
MRFBM1TOR26P5_SIN			0.00	-192.82	3.75	1.15	-0.63	-0.23	-0.59	-0.26	0.14	0.12	0.03	0.10	-0.08	-0.15	-0.03	-0.02

RUN	POINT		Harmonics															
	46	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-181.75	541.16	472.81	-19.23	-48.88	-48.05	-61.77	-52.07	20.30	-14.88	11.57	7.58	-5.96	-3.22	9.85	-8.76
MRPC1CB33P25_SIN			0.00	1217.94	-16.19	-22.28	105.20	-23.31	-11.74	-120.44	16.37	7.28	-86.33	11.45	6.98	8.50	-0.56	27.87
MRPC1FB33P25_COS			1899.06	-107.28	20.12	641.06	-223.38	-102.40	-136.60	-94.16	-41.78	-56.71	68.09	4.88	-0.08	11.19	41.23	-7.73
MRPC1FB33P25_SIN			0.00	-29.28	255.54	386.07	293.78	141.48	-35.39	-372.39	-55.49	-121.48	-139.44	18.69	7.13	7.95	-9.42	66.71
MRPC1TOR25P5_COS			-330.43	-115.50	-203.66	53.06	-23.83	29.45	-17.86	49.68	13.28	1.83	7.07	1.99	0.50	-5.42	-9.49	-4.73
MRPC1TOR25P5_SIN			0.00	130.14	-207.33	-113.81	27.33	-18.16	51.96	42.76	-3.97	-7.18	-19.30	5.87	14.20	13.36	4.55	-1.92
MRPLK1LOAD_COS			8.17	-16.79	-27.34	5.04	-4.61	5.47	-4.07	7.46	3.20	0.14	1.39	-0.44	-0.11	-0.71	-1.86	-1.28
MRPLK1LOAD_SIN			0.00	23.89	-28.04	-18.23	2.96	-2.18	6.89	6.20	-0.51	-0.72	-1.57	-0.26	1.87	2.46	0.63	-0.29
PITCHRH_COS			25732.53	-8918.43	-450.97	459.09	41.20	-736.71	-31.86	38.55	81.94	-12.84	-17.73	19.50	80.36	47.77	-21.91	-142.30
PITCHRH_SIN			0.00	1093.80	-1601.57	133.77	-68.05	1357.70	322.54	75.20	14.93	-41.84	-388.66	6.93	-44.63	35.89	15.82	109.44
ROLLRH_COS			2433.48	-1290.26	2059.17	-233.32	381.56	-2123.44	-225.81	25.95	104.18	110.55	249.53	-17.29	43.32	-93.37	75.65	134.05
ROLLRH_SIN			0.00	-8910.05	-433.71	599.71	54.30	264.66	-242.78	-62.73	46.07	-38.24	-119.49	6.88	47.22	-49.17	-18.03	304.78
TORQ_COS			95780.20	153.55	-131.54	92.88	-135.45	41.06	-11.79	51.80	-10.20	0.80	-24.03	-2.62	0.75	2.15	-4.84	7.46
TORQ_SIN			0.00	1198.40	22.71	389.15	-230.90	73.46	11.81	86.46	-34.92	-5.24	82.24	1.22	-8.96	3.12	-1.92	0.70
THRUST_COS			5954.77	1.00	19.37	76.82	11.61	52.63	4.82	40.03	-5.16	-7.37	-3.84	-5.78	-4.13	0.15	1.63	-19.28
THRUST_SIN			0.00	-372.99	-11.45	18.48	33.39	-92.60	18.45	12.50	3.15	7.24	71.36	-11.28	-3.39	3.33	0.75	-31.83

RUN	POINT		Harmonics															
	46	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.78	59.78	-49.47	4.39	-14.13	81.18	22.39	-2.41	-4.76	-4.05	-8.99	-0.06	-2.18	2.74	-2.27	-4.16
SIDERH_SIN			0.00	228.22	13.79	14.21	43.47	-104.55	11.63	3.61	-1.36	2.72	-3.05	0.90	-1.59	1.34	0.54	-9.29
DRAGRH_COS			130.09	235.17	30.29	-2.05	17.00	35.51	-27.32	-2.75	-3.11	-4.83	-5.52	1.49	-4.41	-2.26	0.94	6.96
DRAGRH_SIN			0.00	-69.87	7.23	-7.49	-14.25	-2.07	-13.40	4.52	-4.50	2.36	23.00	-2.25	3.00	-1.14	-0.89	-6.21

RUN	POINT		Harmonics															
	46	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-0.20	-0.29	0.09	-0.02	0.01	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.53	-0.19	-0.10	0.02	-0.03	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.56	-4.84	-9.54	2.01	-1.21	0.40	0.57	-0.47	-0.32	-0.38	0.30	0.13	-0.10	-0.10	-0.03	-0.19
ACT1FORCE_SIN			0.00	18.47	-5.00	-2.05	1.85	-0.54	0.85	0.52	0.28	-0.19	-0.30	0.12	0.16	0.01	0.13	-0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.60	-0.16	0.14	0.09	-0.01	0.03	-0.04	0.00	-0.02	0.01	0.03	-0.01	-0.01	0.00	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.08	-0.16	0.07	-0.04	0.00	0.04	-0.02	-0.02	-0.03	0.02	0.02	0.00	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.74	0.15	-0.12	-0.09	0.02	-0.04	0.04	0.00	0.01	-0.02	-0.03	0.01	0.01	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.12	0.17	-0.08	0.02	-0.01	-0.03	0.01	0.01	0.03	-0.01	-0.02	0.00	-0.01	-0.01	0.02
MRBLD1CB42P75_COS			-471.76	-2237.00	425.54	-74.14	-3.03	-40.92	-84.81	9.28	12.15	-27.27	8.22	2.38	-4.43	-3.60	-5.96	-4.18
MRBLD1CB42P75_SIN			0.00	905.64	83.59	49.02	202.07	-67.64	-19.51	-81.69	39.43	29.66	-97.05	17.43	12.44	4.95	-2.52	19.94

RUN	POINT		Harmonics															
	46	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4471.69	-1598.99	268.20	-81.42	106.78	-65.77	-112.26	0.68	10.51	-18.68	-29.27	3.20	-1.14	-0.24	-5.36	2.20
MRBLD1CB70_SIN			0.00	694.59	-58.73	113.47	304.06	-152.41	12.58	-46.53	23.96	34.79	-52.02	7.43	8.88	-0.28	-5.86	28.44
MRBLD1CB120_COS			-276.09	-869.95	210.14	41.75	130.35	-65.46	-99.38	18.62	5.07	6.44	-0.47	-5.34	1.48	2.90	3.29	-2.37
MRBLD1CB120_SIN			0.00	598.33	-96.14	87.90	363.25	-150.29	12.86	-42.00	-39.81	-34.58	52.90	-2.77	-0.02	0.71	-1.23	3.85
MRBLD1CB164_COS			-1967.73	-278.60	34.19	79.82	36.19	-46.35	-34.06	8.74	-3.75	11.21	26.70	-6.41	-0.33	-1.18	-1.49	-3.09
MRBLD1CB164_SIN			0.00	247.25	-43.46	42.87	163.63	-71.18	3.99	8.67	-48.50	-48.86	50.57	2.89	-0.84	3.15	7.77	-19.33
MRBLD1FB42P75_COS			2529.52	540.38	195.87	733.52	-75.78	-67.32	-130.03	-100.13	-61.59	-106.63	26.82	8.35	-4.37	7.38	-0.37	34.37
MRBLD1FB42P75_SIN			0.00	-180.80	446.28	176.68	440.10	225.68	20.71	-274.98	-10.20	-59.45	-139.12	19.81	6.63	-2.39	-15.50	22.01
MRBLD1FB70_COS			612.94	102.68	65.42	221.39	-22.14	-15.36	-27.18	-7.69	0.15	-2.71	-1.66	1.20	1.03	-0.20	0.82	-6.09
MRBLD1FB70_SIN			0.00	-250.92	180.49	23.23	125.90	37.38	3.50	-42.57	6.76	6.04	1.90	1.43	1.63	1.13	3.36	-5.31
MRBLD1FB87_COS			81.52	120.11	-1.09	119.79	-21.81	-14.39	-0.89	7.52	10.31	20.98	-3.35	-0.56	1.95	-1.65	-0.04	-7.66
MRBLD1FB87_SIN			0.00	-299.10	123.90	10.81	54.48	5.42	-4.10	22.50	-0.95	11.90	34.16	-3.43	0.83	2.87	5.59	-1.88
MRBLD1FB120_COS			-288.21	147.87	-86.65	114.71	-9.76	-27.43	12.28	4.98	-9.37	-4.03	-2.92	-6.14	-3.59	1.29	0.00	12.19
MRBLD1FB120_SIN			0.00	-416.75	127.21	75.14	27.83	-4.85	-2.22	67.50	-8.05	-10.60	-15.23	-3.53	-6.20	-7.65	-10.00	2.40
MRBLD1FB164_COS			-4.33	174.71	85.22	46.31	86.10	56.64	24.90	7.74	6.11	3.88	-2.13	4.72	2.91	-5.33	-3.07	-5.85
MRBLD1FB164_SIN			0.00	-629.42	281.56	203.06	-68.26	-36.27	-9.58	-94.59	13.10	15.85	21.65	-1.50	3.72	3.16	1.98	-2.22

RUN	POINT		Harmonics															
	46	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-73.04	19.07	117.35	-17.89	59.42	58.36	9.65	-3.20	5.25	29.27	-8.39	-12.92	-10.62	-3.43	0.25	14.89
MRBLD1FB180_SIN			0.00	-464.96	199.33	135.41	-67.78	-14.27	0.98	-85.51	5.87	24.11	68.95	-15.35	-16.62	-12.18	-13.52	3.47
MRBLD1TOR51_COS			-1549.96	214.57	147.46	-25.52	19.00	-18.39	23.87	-14.48	-7.60	0.84	-3.96	-2.38	-0.83	2.07	3.72	0.80
MRBLD1TOR51_SIN			0.00	-266.66	238.21	84.54	-16.75	26.54	-36.31	-44.37	0.89	1.01	7.85	-2.62	-6.14	-4.50	-1.96	4.60
MRBLD1TOR71_COS			-395.40	239.29	113.20	-39.67	25.15	-7.95	31.66	-14.73	-3.62	3.71	-5.86	-2.43	0.91	1.24	2.17	-0.01
MRBLD1TOR71_SIN			0.00	-246.05	203.74	54.50	-39.39	23.68	-29.78	-26.57	2.33	4.94	12.96	-3.64	-4.83	-3.21	-0.57	2.87
MRBLD1TOR130_COS			-132.99	216.32	118.88	-65.26	29.67	-0.64	24.65	-6.64	0.12	-0.18	8.69	-2.34	0.67	-2.19	-3.03	-1.88
MRBLD1TOR130_SIN			0.00	-218.85	145.49	52.14	-51.60	15.97	-22.92	-29.06	3.01	-1.41	1.13	2.39	1.97	1.59	1.28	-1.58
MRBLD1TOR164_COS			-322.73	119.84	78.09	-58.26	4.33	-7.28	5.24	-6.97	3.41	3.36	-2.21	-0.81	1.75	-1.14	-1.57	0.56
MRBLD1TOR164_SIN			0.00	-110.68	52.72	1.60	-24.58	15.43	-13.23	-12.13	0.74	4.94	3.05	-3.32	0.35	0.35	-2.02	-0.67
MRFBM1CB26P5_COS			-888.28	-1269.18	215.86	-67.01	-21.30	3.94	9.55	3.38	0.07	-1.61	15.87	0.05	-0.38	0.07	1.43	-1.10
MRFBM1CB26P5_SIN			0.00	223.93	139.03	-55.59	-18.27	10.58	-12.22	-13.59	2.94	-5.65	-10.40	2.17	-0.58	0.45	-0.19	-0.65
MRFBM1FB9_COS			573.30	260.70	-234.83	-135.78	30.92	23.14	10.55	-6.79	1.71	1.84	-3.62	0.56	0.41	0.08	-0.54	0.87
MRFBM1FB9_SIN			0.00	98.36	-254.48	-127.18	-54.66	-9.35	10.41	14.55	2.58	3.41	2.55	-0.11	0.25	0.00	0.20	-1.41
MRFBM1TOR26P5_COS			-101.42	90.58	4.93	-0.97	0.40	-0.32	0.66	-0.03	-0.32	0.00	-0.23	0.11	-0.09	0.08	0.09	0.08
MRFBM1TOR26P5_SIN			0.00	-271.48	3.70	0.23	-0.97	0.16	-0.53	-0.28	0.10	-0.08	0.04	0.05	-0.04	-0.03	-0.02	-0.01

RUN	POINT		Harmonics															
	46	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			183.97	-1747.80	362.35	-58.62	-46.57	-25.76	-68.06	3.56	18.42	-15.08	20.20	4.03	-1.06	-0.14	-1.16	-4.67
MRPC1CB33P25_SIN			0.00	893.67	56.29	11.02	131.45	-14.37	-23.96	-76.49	18.11	-1.62	-73.29	15.08	7.69	4.45	-3.84	17.49
MRPC1FB33P25_COS			1797.82	433.16	19.56	606.46	-147.70	-117.36	-116.90	33.15	-33.83	-43.40	105.91	-2.01	-4.00	5.52	12.60	-2.07
MRPC1FB33P25_SIN			0.00	51.89	367.77	270.42	360.12	158.23	-25.13	-272.32	-42.09	-102.50	-89.69	20.87	2.79	5.54	-9.05	46.18
MRPC1TOR25P5_COS			-266.98	-141.43	-183.04	68.75	-26.77	23.33	-29.96	17.80	12.69	2.58	15.58	3.09	3.32	-4.71	-7.29	-4.06
MRPC1TOR25P5_SIN			0.00	7.93	-246.64	-82.80	37.30	-28.29	43.24	38.71	-1.74	-2.86	-13.43	6.57	11.43	7.46	3.76	-0.34
MRPLK1LOAD_COS			17.87	-22.25	-24.07	7.56	-5.36	4.63	-5.25	2.66	3.10	0.46	2.41	-0.05	0.87	-0.87	-1.42	-1.11
MRPLK1LOAD_SIN			0.00	6.42	-33.54	-14.04	4.37	-3.99	5.62	5.78	-0.13	0.37	-1.19	0.00	1.45	1.03	0.32	-0.04
PITCHRH_COS			6409.28	-8771.21	-416.95	381.65	-3.43	-245.89	-7.32	-46.95	36.55	29.77	68.03	-4.76	33.68	29.69	-16.11	-178.87
PITCHRH_SIN			0.00	1182.08	-1454.70	121.97	-140.13	1615.40	101.86	70.06	-26.81	31.94	-298.30	13.80	-15.67	13.43	22.09	53.25
ROLLRH_COS			1244.28	-1432.76	1848.56	-140.59	335.01	-2765.99	-144.02	93.81	-30.00	77.67	199.80	23.15	17.71	-72.48	45.10	47.39
ROLLRH_SIN			0.00	-9071.85	-248.55	491.17	-82.37	548.21	-163.60	-53.44	-44.97	-90.22	-35.47	-26.72	-0.93	-45.95	-18.73	176.77
TORQ_COS			106077.78	-53.34	-31.91	39.43	-119.50	-34.41	-4.10	14.96	-4.84	-0.50	-43.30	-3.11	4.35	-3.34	-3.69	5.10
TORQ_SIN			0.00	1348.53	-114.04	358.31	-168.78	-36.04	4.13	62.38	-28.72	-5.89	53.41	-0.73	-5.30	3.43	-4.07	1.28
THRUST_COS			5730.14	-5.16	20.97	63.79	14.16	53.91	0.86	30.28	4.22	-4.34	-28.11	-8.74	3.37	-0.67	2.89	-9.22
THRUST_SIN			0.00	-360.89	-3.72	21.59	29.17	-104.72	16.12	17.19	4.45	1.44	54.02	-3.78	-4.40	2.35	3.46	-28.54

RUN	POINT		Harmonics															
	46	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.95	60.80	-52.17	14.43	7.41	114.13	16.31	-2.63	-0.06	-2.34	-5.01	-0.93	-0.97	2.22	-1.63	-1.17
SIDERH_SIN			0.00	224.35	-3.23	13.80	59.11	-135.13	-3.71	4.50	0.24	4.70	-4.39	2.36	-0.37	1.16	0.58	-5.07
DRAGRH_COS			-122.13	229.57	23.25	-7.11	14.95	-19.19	-57.63	3.06	-1.21	-4.58	-5.54	2.63	-1.52	-1.07	1.24	9.28
DRAGRH_SIN			0.00	-62.65	18.03	-7.15	-13.41	81.83	-6.07	-3.60	-5.20	1.96	11.03	0.06	2.79	-0.40	-1.23	-3.59

RUN	POINT		Harmonics															
	46	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.40	-0.21	-0.31	0.09	-0.03	0.01	0.02	0.00	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.56	-0.19	-0.11	0.02	-0.03	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-23.44	-5.13	-10.08	2.11	-1.53	0.48	0.65	-0.28	-0.44	-0.33	0.21	0.21	-0.11	-0.02	-0.04	-0.18
ACT1FORCE_SIN			0.00	19.20	-5.20	-2.15	1.70	-0.78	0.80	0.63	0.40	-0.19	-0.28	0.09	0.19	-0.02	0.19	-0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.60	-0.17	0.14	0.09	-0.01	0.04	-0.04	-0.02	-0.02	0.01	0.04	-0.01	-0.01	0.01	-0.02	0.01
FA1IBVOLTAGE_SIN			0.00	-0.09	-0.18	0.07	-0.05	0.01	0.04	-0.01	-0.03	-0.03	0.01	0.03	0.00	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.16	-0.13	-0.09	0.02	-0.05	0.03	0.02	0.02	-0.02	-0.04	0.01	0.01	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.12	0.18	-0.09	0.03	-0.02	-0.04	0.00	0.01	0.04	-0.01	-0.03	0.01	-0.02	0.00	0.02
MRBLD1CB42P75_COS			-482.45	-2472.72	437.83	-73.68	21.55	-51.58	-89.35	17.46	19.70	-33.14	-1.97	-6.12	-3.14	-6.30	-4.55	-6.35
MRBLD1CB42P75_SIN			0.00	2087.49	108.74	107.26	209.68	-56.98	-17.15	-97.75	38.71	24.63	-80.22	14.61	8.90	6.50	-6.38	20.87

RUN	POINT		Harmonics															
	46	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4470.26	-1806.36	269.85	-81.71	132.46	-96.36	-111.57	6.69	18.94	-27.19	-36.55	-3.26	-0.28	-2.80	-4.73	1.87
MRBLD1CB70_SIN			0.00	1449.92	-42.46	145.75	297.72	-98.89	2.58	-59.00	22.75	29.81	-41.09	5.28	5.67	2.22	-8.55	30.56
MRBLD1CB120_COS			-279.00	-962.45	211.08	36.74	143.84	-112.30	-98.09	10.19	9.46	14.69	4.24	-0.99	1.08	2.70	3.93	-2.79
MRBLD1CB120_SIN			0.00	883.90	-86.12	106.63	355.38	-86.61	-9.16	-49.11	-43.81	-31.22	42.12	-3.05	0.46	0.07	-0.54	3.88
MRBLD1CB164_COS			-1964.96	-298.29	32.31	78.85	39.24	-68.22	-32.15	0.76	-4.45	22.93	33.49	-1.37	-0.32	0.48	-2.02	-2.30
MRBLD1CB164_SIN			0.00	305.38	-42.21	47.47	161.73	-47.26	-6.87	10.05	-51.21	-42.92	41.02	3.09	-0.23	0.64	8.48	-22.05
MRBLD1FB42P75_COS			2452.64	585.91	278.74	761.60	-135.70	-70.58	-141.74	-117.34	-56.90	-82.85	34.61	9.43	-4.27	6.44	-2.82	34.31
MRBLD1FB42P75_SIN			0.00	-460.99	456.20	218.62	466.10	210.98	16.14	-302.16	-16.93	-69.01	-133.55	20.67	3.23	-3.02	-23.47	26.52
MRBLD1FB70_COS			594.71	104.35	79.27	232.29	-37.12	-16.50	-29.45	-11.40	0.42	-2.90	-1.89	0.70	0.83	-0.35	1.31	-5.78
MRBLD1FB70_SIN			0.00	-251.73	184.47	37.39	133.18	37.57	3.34	-47.48	5.82	6.02	3.06	1.72	1.52	0.75	4.62	-6.10
MRBLD1FB87_COS			77.29	124.77	0.99	127.69	-26.58	-12.47	1.84	9.89	10.08	17.19	-4.76	0.05	2.46	-0.81	0.74	-7.84
MRBLD1FB87_SIN			0.00	-302.52	123.54	14.62	55.99	3.95	-4.40	24.49	-0.56	12.74	31.03	-4.63	0.97	2.61	7.34	-2.86
MRBLD1FB120_COS			-284.59	152.58	-92.76	123.04	-10.86	-26.25	15.11	10.11	-9.60	-4.07	-2.08	-5.23	-3.42	0.81	-1.06	12.23
MRBLD1FB120_SIN			0.00	-411.43	121.72	75.96	25.30	-7.83	-1.47	73.53	-6.03	-9.69	-14.75	-2.59	-6.10	-6.96	-11.87	4.17
MRBLD1FB164_COS			-18.53	181.99	91.77	57.90	95.02	48.80	14.97	-1.04	8.18	4.38	-2.82	5.08	2.44	-4.19	-1.95	-5.79
MRBLD1FB164_SIN			0.00	-634.41	273.42	214.46	-77.62	-30.60	-9.06	-103.44	9.89	16.02	21.04	-2.03	4.16	2.22	3.43	-2.95

RUN	POINT		Harmonics															
	46	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-86.88	25.76	123.10	-13.01	68.10	51.93	2.82	-11.58	9.66	26.78	-10.31	-9.21	-9.03	-2.74	-0.59	14.42
MRBLD1FB180_SIN			0.00	-469.47	194.09	142.19	-72.37	-10.15	1.29	-92.95	1.24	27.79	62.16	-16.87	-14.84	-12.13	-15.11	5.35
MRBLD1TOR51_COS			-1571.75	218.74	167.23	-27.85	11.65	-23.54	25.33	-14.47	-6.81	2.67	-4.91	-1.11	-0.37	2.88	3.67	-0.14
MRBLD1TOR51_SIN			0.00	-274.18	244.63	93.94	-14.61	33.87	-36.74	-52.15	2.85	-0.17	7.43	-3.06	-5.43	-4.85	-1.88	4.10
MRBLD1TOR71_COS			-412.66	245.10	128.53	-42.47	20.85	-12.10	33.30	-15.31	-3.95	5.46	-7.13	-1.64	1.07	2.13	2.23	-0.53
MRBLD1TOR71_SIN			0.00	-266.81	209.49	60.19	-38.20	30.26	-29.15	-32.40	4.35	3.44	11.92	-4.10	-3.93	-2.79	-0.13	2.58
MRBLD1TOR130_COS			-145.59	219.21	130.03	-68.50	29.96	-4.38	24.22	-7.94	-0.03	3.36	6.91	-3.25	0.42	-1.96	-2.72	-1.42
MRBLD1TOR130_SIN			0.00	-235.59	150.09	55.47	-51.40	22.57	-21.96	-34.96	4.43	-2.85	1.82	2.07	1.98	2.81	1.57	-1.38
MRBLD1TOR164_COS			-327.95	120.24	83.50	-61.47	3.57	-7.76	5.30	-7.42	3.64	4.67	-2.37	-1.26	1.54	-1.51	-0.84	0.93
MRBLD1TOR164_SIN			0.00	-120.56	56.60	1.34	-23.50	18.94	-11.34	-14.90	1.66	3.95	2.72	-2.95	0.55	1.42	-2.36	0.02
MRFBM1CB26P5_COS			-951.80	-1643.33	216.53	-65.62	-19.38	12.91	7.86	4.29	-0.28	-0.59	15.34	-0.16	-0.55	0.06	1.72	-1.65
MRFBM1CB26P5_SIN			0.00	913.15	153.83	-53.29	-13.59	1.06	-10.14	-14.32	2.38	-5.47	-9.72	1.89	-0.48	0.15	-0.68	-0.71
MRFBM1FB9_COS			507.92	462.64	-260.48	-142.38	37.07	22.93	9.89	-6.99	1.43	1.49	-3.47	0.80	0.34	0.08	-0.63	1.14
MRFBM1FB9_SIN			0.00	-487.07	-259.24	-137.83	-52.78	-10.18	11.81	16.61	2.65	3.47	2.15	-0.02	0.53	0.12	0.44	-1.37
MRFBM1TOR26P5_COS			-101.37	51.36	5.13	-1.33	0.04	-0.26	0.78	0.07	-0.27	-0.14	-0.16	0.17	-0.07	0.08	0.08	0.06
MRFBM1TOR26P5_SIN			0.00	-274.42	2.24	0.64	-0.93	0.13	-0.61	-0.17	0.02	0.04	0.04	0.06	-0.06	-0.10	-0.01	-0.02

RUN	POINT		Harmonics															
	46	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			204.52	-1757.74	387.66	-53.91	-22.65	-35.35	-76.09	5.00	24.73	-13.93	13.81	-0.09	-0.18	-3.16	0.76	-7.37
MRPC1CB33P25_SIN			0.00	1840.95	75.11	85.29	148.64	-25.29	-18.88	-89.98	17.04	-3.23	-63.24	13.46	5.44	5.80	-6.36	18.84
MRPC1FB33P25_COS			1727.71	494.57	97.61	621.35	-201.96	-116.15	-125.36	29.31	-25.47	-18.92	107.62	-3.24	-2.96	5.04	17.52	-5.16
MRPC1FB33P25_SIN			0.00	-191.50	388.50	312.74	367.86	145.33	-34.60	-301.64	-45.59	-96.58	-79.84	22.26	0.81	4.96	-16.01	48.13
MRPC1TOR25P5_COS			-248.06	-209.49	-200.88	69.77	-19.66	29.09	-31.75	16.09	11.07	4.07	15.18	-0.53	1.96	-5.46	-6.30	-2.86
MRPC1TOR25P5_SIN			0.00	27.65	-253.27	-90.05	33.76	-36.95	44.40	45.53	-4.67	-3.12	-11.82	7.01	10.65	9.93	3.25	0.46
MRPLK1LOAD_COS			20.40	-33.26	-26.77	8.05	-4.02	5.02	-5.63	2.35	2.71	1.11	2.13	-0.85	0.58	-0.88	-1.28	-0.82
MRPLK1LOAD_SIN			0.00	10.11	-34.51	-15.39	4.10	-5.18	5.73	6.71	-0.11	-0.14	-1.14	-0.02	1.37	1.83	0.35	0.09
PITCHRH_COS			3861.80	-8797.49	-254.44	435.64	-21.90	-333.98	213.28	-43.84	85.22	29.75	58.16	-10.31	41.88	29.92	-14.45	-196.88
PITCHRH_SIN			0.00	1119.38	-1569.62	188.45	-160.63	1704.61	178.79	65.98	-2.58	4.15	-255.80	28.00	-7.77	35.20	-15.99	39.88
ROLLRH_COS			11717.94	-1527.03	1902.83	-126.97	242.94	-2805.50	-178.66	95.27	34.51	72.27	172.36	19.25	12.43	-56.59	20.93	144.52
ROLLRH_SIN			0.00	-9035.14	-220.65	585.97	-87.64	475.14	-139.56	-110.25	-86.75	-71.42	18.82	-11.67	20.59	-14.24	-24.69	227.51
TORQ_COS			105143.60	135.70	-49.77	46.83	-108.93	-74.95	-2.81	-1.07	-3.59	-3.60	-42.79	-2.80	3.17	-3.71	-4.49	5.65
TORQ_SIN			0.00	1395.11	-127.45	446.35	-149.69	-8.65	3.60	58.73	-33.66	-3.66	51.83	0.08	-5.02	3.93	-3.70	1.80
THRUST_COS			5556.68	-25.87	30.86	75.02	7.49	56.11	2.73	24.15	0.69	-3.93	-37.81	-4.93	1.09	-0.04	1.84	-11.21
THRUST_SIN			0.00	-352.90	-12.35	19.61	31.44	-102.82	12.39	13.34	7.30	0.70	47.58	-0.34	-2.29	1.13	2.34	-30.78

RUN	POINT		Harmonics															
	46	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-74.16	63.88	-55.19	16.07	8.95	130.80	21.33	-2.87	-1.66	-2.23	-3.31	-0.71	-0.83	1.61	-0.59	-4.25
SIDERH_SIN			0.00	227.70	2.25	12.61	47.46	-127.81	-14.24	6.85	1.85	5.00	-6.18	1.66	-0.71	0.75	0.82	-6.45
DRAGRH_COS			-150.00	231.32	20.45	-9.97	14.24	-43.27	-69.05	4.56	-1.68	-2.83	-5.51	0.76	-2.34	0.17	1.17	10.29
DRAGRH_SIN			0.00	-63.90	22.16	-9.62	-9.69	78.31	-18.83	-0.86	-2.15	2.35	9.80	0.18	0.62	-0.40	1.18	-2.60

RUN	POINT		Harmonics															
	46	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-0.21	-0.28	0.09	-0.02	0.01	0.01	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.53	-0.19	-0.10	0.02	-0.02	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.40	-4.99	-9.25	2.14	-1.19	0.61	0.46	-0.40	-0.34	-0.30	0.31	0.11	-0.12	-0.09	-0.02	-0.14
ACT1FORCE_SIN			0.00	18.37	-5.06	-2.01	1.84	-0.48	0.95	0.44	0.33	-0.17	-0.23	0.14	0.13	0.00	0.12	-0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.60	-0.16	0.14	0.09	-0.02	0.03	-0.05	0.00	-0.01	0.01	0.03	-0.01	-0.01	0.01	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.09	-0.16	0.07	-0.04	0.01	0.03	-0.02	-0.02	-0.03	0.02	0.01	0.00	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.15	-0.13	-0.09	0.02	-0.04	0.04	0.00	0.02	-0.02	-0.03	0.01	0.00	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.12	0.17	-0.08	0.02	-0.03	-0.02	0.01	0.01	0.03	-0.02	-0.02	0.00	-0.01	-0.01	0.01
MRBLD1CB42P75_COS			-475.23	-2348.06	417.34	-85.57	-23.11	-67.42	-74.14	4.56	9.79	-31.12	21.63	4.41	-6.60	-4.85	-4.71	-7.73
MRBLD1CB42P75_SIN			0.00	833.78	67.64	49.88	221.07	-78.49	-22.21	-68.05	36.14	28.16	-79.95	22.78	9.86	4.24	-2.50	18.64

RUN	POINT		Harmonics															
	46	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4470.36	-1675.03	268.51	-103.51	92.62	-125.13	-89.90	7.29	9.74	-21.65	-15.03	7.06	-0.70	0.50	-1.77	-0.56
MRBLD1CB70_SIN			0.00	649.22	-70.87	117.14	343.53	-178.45	14.00	-33.24	24.15	33.54	-40.82	12.64	7.40	-0.20	-6.25	30.04
MRBLD1CB120_COS			-280.94	-903.52	209.51	14.82	120.81	-133.33	-72.20	35.31	5.10	13.04	-6.82	-5.64	3.86	4.61	4.35	-1.82
MRBLD1CB120_SIN			0.00	579.36	-102.24	103.34	399.28	-183.01	14.67	-31.47	-39.22	-35.08	42.53	-6.09	0.73	0.72	-0.88	4.07
MRBLD1CB164_COS			-1968.02	-287.51	33.47	69.31	34.43	-72.02	-23.65	17.96	-2.03	17.22	16.46	-7.72	0.72	-0.34	-2.98	0.55
MRBLD1CB164_SIN			0.00	239.47	-45.02	54.30	178.56	-87.01	7.41	9.77	-49.05	-47.42	40.15	-2.01	-0.60	2.45	7.35	-21.48
MRBLD1FB42P75_COS			2527.94	569.81	180.72	732.91	-103.62	-66.58	-122.89	-82.70	-72.10	-97.69	32.02	7.25	-5.35	7.40	2.67	29.78
MRBLD1FB42P75_SIN			0.00	-175.63	452.33	255.67	427.94	212.76	-1.32	-256.92	-17.18	-69.59	-130.58	23.09	6.01	-1.82	-13.06	27.46
MRBLD1FB70_COS			611.55	104.60	61.46	220.02	-30.47	-17.85	-24.75	-5.13	-1.60	-3.12	-1.28	0.84	0.42	-0.51	0.23	-5.43
MRBLD1FB70_SIN			0.00	-256.06	181.65	49.55	125.41	35.14	0.24	-38.03	6.67	6.09	2.50	1.59	1.55	0.83	2.75	-6.32
MRBLD1FB87_COS			80.54	122.27	-2.71	120.57	-24.43	-14.42	-1.10	5.82	11.88	19.35	-5.20	-0.45	2.44	-1.31	-0.59	-6.71
MRBLD1FB87_SIN			0.00	-301.84	124.06	25.53	54.87	5.99	-2.34	20.93	0.10	13.55	31.70	-4.45	0.77	2.76	5.30	-2.78
MRBLD1FB120_COS			-286.26	149.44	-89.25	118.61	-6.62	-22.43	10.47	2.54	-6.44	-2.83	-1.72	-5.35	-2.97	1.80	1.05	11.14
MRBLD1FB120_SIN			0.00	-414.47	125.56	86.00	27.55	-3.67	3.77	61.82	-6.99	-10.36	-14.79	-2.94	-6.30	-6.95	-9.10	4.02
MRBLD1FB164_COS			-0.70	177.79	75.50	50.39	88.83	53.94	24.85	9.49	2.45	2.81	-2.46	4.99	2.79	-4.41	-3.43	-5.19
MRBLD1FB164_SIN			0.00	-617.48	278.81	214.32	-65.79	-39.09	-16.92	-88.86	11.40	14.91	20.47	-2.12	3.63	2.54	1.80	-2.78

RUN	POINT		Harmonics															
	46	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-70.43	22.20	110.19	-16.30	62.03	54.05	10.30	-1.69	3.56	25.72	-10.29	-10.44	-6.74	-0.83	2.13	14.16
MRBLD1FB180_SIN			0.00	-456.89	198.11	139.29	-65.36	-15.17	-7.32	-79.16	4.31	25.29	62.06	-19.35	-17.81	-12.10	-12.04	5.53
MRBLD1TOR51_COS			-1549.02	213.32	139.70	-29.53	17.31	-20.33	23.44	-12.17	-7.40	1.69	-2.99	-1.38	0.20	2.68	3.74	0.60
MRBLD1TOR51_SIN			0.00	-264.87	236.49	89.69	-19.35	19.25	-40.38	-42.45	0.70	1.64	7.81	-2.53	-5.54	-3.84	-1.31	4.25
MRBLD1TOR71_COS			-394.72	239.91	107.08	-42.29	25.18	-8.60	30.34	-12.92	-3.38	4.21	-5.47	-1.55	1.76	1.56	2.19	0.19
MRBLD1TOR71_SIN			0.00	-243.92	202.62	56.84	-41.94	17.96	-32.73	-26.38	2.57	5.47	12.07	-4.01	-4.54	-2.70	-0.45	2.73
MRBLD1TOR130_COS			-131.75	216.38	114.13	-66.94	30.71	-1.67	24.32	-5.23	-0.46	1.00	8.45	-2.37	0.34	-2.64	-2.92	-1.55
MRBLD1TOR130_SIN			0.00	-216.52	145.15	50.53	-52.67	11.38	-25.77	-28.18	2.68	-1.32	1.82	2.09	1.20	1.52	0.78	-1.33
MRBLD1TOR164_COS			-322.11	119.47	76.77	-59.17	4.32	-7.74	5.79	-6.22	3.12	3.39	-1.82	-0.38	1.88	-1.12	-1.11	0.50
MRBLD1TOR164_SIN			0.00	-109.73	53.39	-2.41	-25.09	12.93	-14.04	-11.42	1.26	4.93	2.31	-3.72	-0.15	0.34	-1.86	-0.01
MRFBM1CB26P5_COS			-875.16	-1342.47	212.75	-64.41	-27.18	9.98	7.02	-0.21	-0.60	-1.29	14.57	-0.69	-0.80	-0.31	0.84	-1.47
MRFBM1CB26P5_SIN			0.00	167.18	134.48	-61.81	-22.88	14.09	-13.45	-13.76	1.96	-5.84	-9.52	1.86	-0.66	0.39	0.18	-0.96
MRFBM1FB9_COS			571.51	319.17	-224.01	-129.07	34.33	24.59	9.32	-6.55	1.74	1.43	-3.67	0.69	0.36	0.04	-0.46	0.94
MRFBM1FB9_SIN			0.00	104.53	-253.94	-145.50	-53.52	-8.26	11.08	13.18	3.00	3.50	1.90	-0.24	0.36	-0.05	0.09	-1.26
MRFBM1TOR26P5_COS			-101.22	91.01	4.93	-1.03	0.31	-0.31	0.55	-0.01	-0.29	-0.04	-0.21	0.11	-0.08	0.11	0.10	0.07
MRFBM1TOR26P5_SIN			0.00	-271.22	3.72	0.21	-0.90	0.08	-0.64	-0.22	0.12	-0.06	0.03	0.07	-0.01	-0.03	0.01	-0.02

RUN	POINT		Harmonics															
	46	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			179.69	-1830.29	349.75	-62.45	-63.75	-32.68	-63.76	-0.45	15.34	-15.11	26.60	4.33	-2.93	-1.74	-0.27	-8.67
MRPC1CB33P25_SIN			0.00	845.23	41.45	10.10	133.76	-18.01	-27.68	-64.35	14.34	-2.25	-64.04	17.55	6.35	4.35	-2.82	16.71
MRPC1FB33P25_COS			1795.33	455.85	6.35	592.06	-168.66	-114.55	-103.13	39.80	-39.72	-31.87	103.99	-5.34	-4.64	4.93	12.10	-9.13
MRPC1FB33P25_SIN			0.00	56.29	369.36	335.37	344.87	147.72	-40.78	-250.11	-51.99	-105.16	-80.11	22.64	1.89	5.97	-5.25	46.09
MRPC1TOR25P5_COS			-267.68	-141.79	-175.16	71.82	-25.88	24.06	-28.50	15.51	11.69	2.33	14.90	1.56	1.37	-6.21	-7.12	-4.29
MRPC1TOR25P5_SIN			0.00	5.22	-245.58	-86.35	40.56	-20.77	47.28	37.23	-2.13	-4.12	-12.71	6.67	9.74	6.39	2.46	0.34
MRPLK1LOAD_COS			17.45	-22.42	-22.91	7.94	-5.16	4.72	-4.96	2.28	2.94	0.53	2.27	-0.18	0.64	-1.19	-1.38	-1.00
MRPLK1LOAD_SIN			0.00	5.89	-33.42	-14.58	4.69	-2.84	6.29	5.50	-0.19	0.13	-1.08	-0.09	1.12	0.97	-0.02	0.12
PITCHRH_COS			5494.99	-8737.60	-439.14	371.40	-1.78	-403.79	107.41	-62.54	63.50	33.85	59.24	2.18	20.54	34.44	-33.14	-200.11
PITCHRH_SIN			0.00	1192.81	-1452.56	131.12	-121.99	1479.53	327.98	65.26	54.07	40.81	-296.57	-9.13	-25.60	27.39	9.03	20.06
ROLLRH_COS			1163.39	-1432.99	1827.25	-163.78	345.64	-2687.06	-188.23	123.46	-82.77	86.35	205.29	34.43	18.87	-56.67	50.04	47.43
ROLLRH_SIN			0.00	-9071.70	-269.27	499.79	-79.27	465.71	-257.60	-75.37	-38.91	-51.31	-7.94	-7.36	0.66	-16.78	-14.14	152.60
TORQ_COS			106162.48	-56.20	-27.60	34.23	-107.39	-15.14	-6.13	27.01	-4.29	-1.50	-39.85	-2.57	4.84	-2.09	-2.60	5.67
TORQ_SIN			0.00	1348.30	-106.29	368.68	-184.50	-34.81	5.52	55.86	-25.79	-6.24	50.06	1.93	-4.54	3.31	-4.04	1.67
THRUST_COS			5726.82	0.20	21.57	64.99	13.31	56.28	5.52	30.39	2.44	-7.23	-28.57	-5.30	0.94	-2.43	0.63	-7.05
THRUST_SIN			0.00	-360.50	-3.76	24.12	30.39	-96.01	17.85	10.50	2.60	0.91	53.03	-4.13	-3.82	0.63	3.01	-29.66

RUN	POINT		Harmonics															
	46	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.48	63.60	-48.27	12.13	0.88	106.75	31.71	-4.96	0.27	-2.94	-5.66	-1.32	-1.28	1.58	-1.96	-1.29
SIDERH_SIN			0.00	225.38	-5.26	11.39	59.15	-125.26	1.41	4.97	-0.10	2.74	-5.32	1.53	-0.71	0.27	0.51	-4.32
DRAGRH_COS			-129.21	230.41	25.01	-4.92	16.53	10.83	-39.75	3.26	-3.78	-4.30	-6.17	-0.47	-1.32	-0.99	2.02	10.31
DRAGRH_SIN			0.00	-64.21	17.37	-8.96	-12.92	70.44	-38.05	2.38	-4.71	1.39	11.34	1.31	3.78	-0.10	0.25	-1.76

RUN	POINT		Harmonics															
	46	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.35	-0.20	-0.25	0.08	-0.02	0.02	0.01	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.49	-0.17	-0.09	0.01	-0.01	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.33	-4.83	-8.51	1.81	-1.07	0.66	0.31	-0.39	-0.37	-0.31	0.27	0.14	-0.11	-0.08	-0.05	-0.12
ACT1FORCE_SIN			0.00	17.46	-4.72	-1.93	1.50	-0.22	0.83	0.48	0.26	-0.21	-0.26	0.09	0.11	0.03	0.11	-0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.59	-0.15	0.13	0.09	-0.01	0.01	-0.04	-0.01	-0.01	0.01	0.03	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.08	-0.14	0.06	-0.03	0.01	0.02	-0.02	-0.02	-0.03	0.02	0.02	0.00	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.73	0.14	-0.11	-0.08	0.01	-0.03	0.04	0.00	0.02	-0.02	-0.03	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.11	0.14	-0.08	0.01	-0.02	-0.01	0.01	0.01	0.03	-0.01	-0.02	0.00	-0.02	0.00	0.01
MRBLD1CB42P75_COS			-565.01	-2082.95	421.72	-78.65	-51.42	-64.74	-65.45	-2.41	13.50	-24.14	22.95	-4.15	-12.80	-0.94	-1.49	-7.71
MRBLD1CB42P75_SIN			0.00	-694.78	87.38	49.12	186.71	-83.76	-13.14	-83.04	38.24	36.30	-92.52	18.00	9.76	7.65	0.73	19.67

RUN	POINT		Harmonics															
	46	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4425.60	-1468.08	288.04	-113.62	59.95	-89.43	-82.51	-3.68	10.75	-14.71	-15.83	-0.10	-7.41	4.85	-0.84	0.23
MRBLD1CB70_SIN			0.00	-323.46	-53.72	114.35	309.29	-200.98	26.06	-48.95	23.29	41.82	-48.77	9.11	8.21	4.24	-3.99	28.23
MRBLD1CB120_COS			-292.48	-813.32	229.19	1.53	102.16	-82.96	-66.06	25.05	2.22	3.67	-8.99	-4.08	3.89	3.66	3.31	-2.31
MRBLD1CB120_SIN			0.00	208.91	-94.12	101.80	372.02	-203.02	28.55	-46.55	-41.06	-38.79	49.78	-2.35	1.20	0.37	-1.16	2.73
MRBLD1CB164_COS			-1970.10	-270.61	41.62	59.31	28.60	-47.61	-25.43	16.45	-5.59	7.40	15.89	-5.30	3.60	-4.51	-3.85	-1.68
MRBLD1CB164_SIN			0.00	163.92	-43.32	53.73	164.59	-91.72	11.30	7.15	-49.25	-54.88	46.16	1.80	-0.23	-0.63	6.09	-19.03
MRBLD1FB42P75_COS			2598.69	538.12	60.88	717.06	-56.33	-91.54	-112.92	-116.78	-68.28	-109.38	27.59	1.28	-2.80	8.62	11.67	29.81
MRBLD1FB42P75_SIN			0.00	175.26	397.80	253.41	422.60	219.53	12.36	-280.18	-22.28	-66.44	-141.18	21.46	4.25	-3.39	-16.53	26.34
MRBLD1FB70_COS			615.07	103.26	35.57	212.48	-20.40	-22.50	-22.56	-10.56	-0.68	-2.54	-1.07	1.42	0.47	-0.81	-1.57	-4.63
MRBLD1FB70_SIN			0.00	-260.72	166.30	47.68	119.60	35.03	1.75	-42.44	6.07	6.13	1.85	1.67	2.02	1.30	3.18	-6.17
MRBLD1FB87_COS			80.65	119.06	-13.91	113.62	-21.06	-14.82	-2.19	9.51	11.29	21.16	-3.88	1.56	1.87	-2.03	-2.70	-7.27
MRBLD1FB87_SIN			0.00	-296.10	115.24	25.06	50.27	5.09	-4.22	23.07	0.54	13.00	34.59	-4.07	1.12	3.07	6.00	-2.73
MRBLD1FB120_COS			-287.94	145.94	-96.44	106.85	-11.06	-19.93	4.44	9.41	-8.02	-3.45	-3.05	-7.14	-3.19	2.52	3.84	11.47
MRBLD1FB120_SIN			0.00	-411.95	118.08	88.80	25.44	-2.34	0.33	67.14	-6.55	-10.70	-15.90	-3.27	-7.05	-7.65	-10.15	4.15
MRBLD1FB164_COS			4.06	175.49	51.64	46.53	79.87	59.16	33.71	-1.49	3.96	4.34	-1.75	6.71	2.50	-4.98	-5.06	-5.94
MRBLD1FB164_SIN			0.00	-601.64	266.54	212.14	-50.62	-36.52	-11.81	-95.10	10.01	15.94	22.21	-2.21	3.94	2.96	2.68	-2.97

RUN	POINT		Harmonics															
	46	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-66.76	21.63	94.94	-15.35	55.77	55.12	19.35	-10.43	4.75	30.20	-8.45	-8.07	-9.04	-2.18	5.38	14.28
MRBLD1FB180_SIN			0.00	-444.31	189.95	137.02	-55.41	-14.21	-3.69	-86.31	4.54	26.19	68.09	-17.13	-17.65	-13.01	-13.09	5.00
MRBLD1TOR51_COS			-1534.79	205.76	115.99	-21.46	17.89	-18.03	21.73	-15.10	-3.66	0.42	-3.21	-1.04	-0.60	1.82	4.71	0.97
MRBLD1TOR51_SIN			0.00	-261.58	221.00	89.11	-8.85	9.67	-33.13	-43.62	-2.72	1.39	8.82	-2.17	-5.39	-4.62	-1.11	4.86
MRBLD1TOR71_COS			-383.30	231.09	88.55	-33.99	24.37	-6.68	27.80	-14.38	0.73	2.53	-5.50	-0.78	0.70	1.52	2.72	0.21
MRBLD1TOR71_SIN			0.00	-223.20	189.20	56.53	-30.89	9.68	-27.51	-25.00	-0.51	4.51	14.46	-2.91	-4.24	-3.23	-0.25	2.97
MRBLD1TOR130_COS			-124.46	210.59	101.65	-58.95	27.11	0.10	22.89	-6.98	3.71	-1.72	8.82	-2.58	-0.65	-1.25	-3.39	-2.01
MRBLD1TOR130_SIN			0.00	-201.17	136.04	50.02	-41.89	4.40	-21.25	-26.69	0.17	-2.72	3.59	2.45	1.92	1.87	0.74	-1.94
MRBLD1TOR164_COS			-317.90	116.02	72.90	-53.25	3.55	-7.88	5.25	-6.10	4.92	2.33	-1.83	-0.81	1.44	0.11	-1.27	0.04
MRBLD1TOR164_SIN			0.00	-103.62	50.02	-2.80	-20.83	7.96	-12.93	-9.26	0.09	4.02	4.47	-3.18	-0.06	0.95	-1.66	-1.07
MRFBM1CB26P5_COS			-889.03	-1019.48	196.91	-65.07	-27.96	2.30	7.69	0.53	0.97	-2.05	14.87	-0.47	0.10	-0.63	1.72	-1.78
MRFBM1CB26P5_SIN			0.00	-666.75	137.43	-66.65	-23.32	13.41	-13.04	-13.00	2.85	-5.94	-10.34	1.41	-0.43	-0.19	0.36	-0.70
MRFBM1FB9_COS			578.18	227.14	-194.73	-121.88	31.29	24.54	10.06	-6.29	1.17	1.70	-4.06	0.73	0.42	-0.18	-0.55	0.97
MRFBM1FB9_SIN			0.00	766.19	-228.76	-145.90	-54.06	-6.77	9.88	16.00	2.84	3.60	2.40	-0.09	0.33	-0.03	-0.33	-1.18
MRFBM1TOR26P5_COS			-103.66	133.04	3.65	-0.25	0.60	-0.62	0.79	-0.05	-0.55	0.16	-0.26	0.10	0.01	0.00	0.11	0.10
MRFBM1TOR26P5_SIN			0.00	-267.04	4.57	-0.44	-0.17	-0.09	-0.72	-0.35	0.15	0.00	-0.05	-0.01	-0.03	-0.03	-0.02	0.02

RUN	POINT		Harmonics															
	46	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			79.10	-1748.67	355.93	-38.33	-89.42	-40.63	-54.13	-5.35	14.94	-14.92	27.99	-1.48	-6.58	1.69	2.61	-8.72
MRPC1CB33P25_SIN			0.00	-428.37	55.88	7.95	100.04	-5.79	-20.66	-76.48	16.88	0.11	-73.77	16.21	4.81	6.72	-0.69	17.34
MRPC1FB33P25_COS			1860.48	398.66	-99.98	585.27	-130.97	-139.07	-97.16	22.42	-35.53	-41.87	107.00	-9.47	-1.52	7.65	20.15	-9.01
MRPC1FB33P25_SIN			0.00	357.45	299.61	327.68	352.96	146.94	-26.08	-281.42	-53.98	-108.88	-90.37	17.71	3.10	6.30	0.68	44.43
MRPC1TOR25P5_COS			-276.06	-71.50	-168.55	74.48	-24.10	13.45	-24.81	19.90	8.54	1.93	14.16	0.63	1.52	-3.24	-8.03	-5.48
MRPC1TOR25P5_SIN			0.00	3.02	-240.63	-94.47	39.55	-10.21	35.93	40.42	1.28	-4.33	-11.28	6.07	10.91	8.30	2.64	-1.18
MRPLK1LOAD_COS			14.83	-10.34	-19.90	6.26	-5.40	4.74	-4.96	3.00	3.18	-0.21	2.29	-0.30	0.27	-0.25	-1.57	-1.38
MRPLK1LOAD_SIN			0.00	1.43	-31.39	-14.25	2.88	-1.02	5.20	5.94	0.20	-0.27	-0.54	0.30	1.32	1.23	0.16	-0.34
PITCHRH_COS			6610.14	-8817.80	-667.30	336.59	-17.64	-283.29	-80.69	-58.82	-13.06	-82.65	71.49	18.34	61.19	9.61	-29.12	-168.54
PITCHRH_SIN			0.00	1271.16	-1343.43	58.23	-155.39	1460.32	151.23	41.47	-17.07	-8.15	-282.14	9.92	-39.16	16.70	12.40	33.77
ROLLRH_COS			-10794.58	-1399.37	1648.77	-134.65	427.20	-2589.69	-213.43	62.63	-26.19	90.52	195.58	-3.82	5.76	-26.78	33.33	29.00
ROLLRH_SIN			0.00	-9173.45	-555.07	428.83	-65.44	442.23	-231.82	7.80	-9.53	-72.12	-7.42	-36.36	4.15	-7.94	1.29	217.24
TORQ_COS			105411.31	-199.24	-4.16	53.18	-104.54	12.06	-6.19	28.80	-4.16	1.98	-36.81	-1.74	3.42	-0.89	-2.60	5.41
TORQ_SIN			0.00	1287.12	-57.30	316.86	-188.06	-33.44	-1.17	55.87	-25.28	-5.13	55.78	3.00	-5.41	2.96	-2.62	0.82
THRUST_COS			5762.89	17.66	8.82	51.58	17.60	64.49	-0.01	33.83	3.00	-2.52	-21.31	-4.97	1.02	-0.08	-1.70	-5.71
THRUST_SIN			0.00	-355.95	3.41	23.24	30.98	-102.10	15.29	14.60	-0.04	3.96	59.50	-12.25	1.11	1.36	-0.60	-25.48

RUN	POINT		Harmonics															
	46	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-252.24	61.10	-36.48	8.86	3.34	100.02	22.63	-1.88	-0.27	-2.76	-6.19	-0.10	-0.27	0.82	-0.95	-0.85
SIDERH_SIN			0.00	225.74	5.84	11.73	67.31	-133.18	6.89	2.44	-1.03	3.05	-5.10	2.27	-0.64	-0.06	0.04	-6.64
DRAGRH_COS			-119.37	229.28	15.02	-5.01	15.56	18.95	-41.68	3.98	0.61	-1.30	-7.42	3.17	-2.51	-0.98	1.03	9.16
DRAGRH_SIN			0.00	-63.24	6.83	-7.61	-14.33	74.68	-15.35	-2.70	-4.57	3.83	12.42	0.63	2.70	-0.47	-0.14	-2.39

RUN	POINT		Harmonics															
	46	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.40	-0.21	-0.27	0.08	-0.02	0.01	0.02	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.53	-0.18	-0.10	0.02	-0.02	0.02	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-23.34	-5.01	-9.09	1.86	-1.19	0.57	0.47	-0.29	-0.34	-0.32	0.24	0.19	-0.14	-0.01	-0.07	-0.13
ACT1FORCE_SIN			0.00	18.33	-4.86	-1.98	1.62	-0.54	0.78	0.56	0.36	-0.15	-0.31	0.08	0.14	0.01	0.15	-0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.59	-0.16	0.13	0.09	-0.01	0.03	-0.03	-0.01	-0.02	0.01	0.03	-0.01	0.00	0.01	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.09	-0.16	0.06	-0.04	0.01	0.03	-0.01	-0.02	-0.03	0.01	0.02	0.00	0.01	-0.01	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			402.74	0.15	-0.12	-0.09	0.01	-0.04	0.03	0.01	0.02	-0.01	-0.03	0.01	0.00	-0.01	0.02	-0.01
FA1OBVOLTAGE_SIN			0.00	0.12	0.16	-0.07	0.02	-0.02	-0.02	0.01	0.01	0.03	-0.01	-0.03	0.01	-0.02	0.01	0.01
MRBLD1CB42P75_COS			-596.31	-2451.80	412.03	-70.70	-30.89	-61.79	-67.71	-1.27	20.16	-25.66	-3.67	2.17	-4.34	-2.60	-3.46	-3.86
MRBLD1CB42P75_SIN			0.00	647.01	51.64	49.83	217.61	-47.45	-16.17	-83.42	40.11	31.03	-87.98	18.10	11.77	4.33	-3.42	19.43

RUN	POINT		Harmonics															
	46	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4412.33	-1734.43	263.15	-92.52	77.48	-115.69	-81.76	-1.87	16.33	-16.47	-34.71	3.14	-1.11	1.35	-3.39	1.64
MRBLD1CB70_SIN			0.00	516.99	-78.67	113.24	316.77	-112.74	20.61	-51.38	24.90	34.38	-40.95	9.08	8.20	-0.63	-7.01	27.54
MRBLD1CB120_COS			-297.73	-919.98	203.18	22.76	117.49	-128.12	-73.41	18.26	-2.93	7.30	5.78	-3.68	1.99	3.32	3.58	-2.78
MRBLD1CB120_SIN			0.00	520.56	-107.52	102.67	376.28	-112.06	18.00	-48.08	-44.60	-36.00	45.73	-3.83	-0.82	0.15	-0.88	3.07
MRBLD1CB164_COS			-1963.67	-288.06	29.59	69.52	36.04	-72.78	-26.72	12.45	-11.84	11.00	31.69	-4.70	0.97	-1.90	-2.19	-1.04
MRBLD1CB164_SIN			0.00	222.82	-47.50	54.65	169.60	-58.29	7.22	6.13	-52.46	-48.92	39.21	0.73	-1.48	2.49	8.48	-19.03
MRBLD1FB42P75_COS			2509.00	597.92	175.30	749.13	-51.84	-69.16	-134.35	-136.60	-72.73	-106.12	10.45	9.44	-4.57	7.50	1.12	31.61
MRBLD1FB42P75_SIN			0.00	-134.13	445.59	244.93	471.34	221.14	8.46	-266.74	-7.74	-58.23	-141.81	15.72	3.43	-3.34	-19.17	21.53
MRBLD1FB70_COS			597.48	100.87	61.21	225.33	-16.06	-17.23	-26.18	-13.81	-0.41	-2.37	-1.64	1.21	0.69	-0.49	0.08	-5.65
MRBLD1FB70_SIN			0.00	-257.51	176.31	44.53	136.64	39.70	1.34	-41.19	6.93	6.00	2.65	1.54	1.69	1.10	3.85	-5.46
MRBLD1FB87_COS			76.83	120.43	-2.26	122.64	-17.43	-13.25	0.20	11.01	11.84	20.89	0.48	-0.43	2.40	-1.28	0.05	-6.85
MRBLD1FB87_SIN			0.00	-300.07	120.29	21.92	57.89	6.23	-3.17	21.80	-1.51	11.17	33.36	-3.25	1.17	2.92	6.31	-1.78
MRBLD1FB120_COS			-286.35	148.45	-88.20	115.88	-10.96	-23.58	10.76	14.32	-8.03	-4.82	-3.97	-6.12	-3.97	0.94	0.09	11.22
MRBLD1FB120_SIN			0.00	-411.04	123.47	81.10	22.38	-6.47	1.27	65.29	-7.41	-10.08	-15.03	-3.16	-6.37	-7.40	-10.71	2.62
MRBLD1FB164_COS			-22.06	177.31	81.78	55.37	70.07	50.91	21.41	-7.83	3.89	4.92	0.19	4.94	2.69	-4.54	-3.08	-5.38
MRBLD1FB164_SIN			0.00	-614.35	272.57	206.26	-82.34	-42.08	-13.14	-93.41	12.00	16.44	21.12	-1.59	4.07	2.49	2.97	-2.10

RUN	POINT		Harmonics															
	46	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-88.94	24.88	114.01	-11.07	50.47	52.76	9.66	-17.29	5.38	28.67	-1.53	-12.39	-10.46	-3.80	1.07	13.70
MRBLD1FB180_SIN			0.00	-453.23	192.76	134.62	-74.91	-17.11	-3.06	-83.57	4.24	24.77	65.82	-14.80	-15.53	-12.10	-13.59	2.83
MRBLD1TOR51_COS			-1558.76	208.06	139.84	-21.92	14.94	-22.59	19.80	-21.20	-7.35	1.74	-3.23	-1.66	-0.90	2.47	3.75	0.95
MRBLD1TOR51_SIN			0.00	-271.82	230.06	91.13	-10.85	21.16	-40.17	-44.13	2.10	1.28	8.25	-2.82	-5.61	-4.54	-1.82	3.31
MRBLD1TOR71_COS			-401.55	236.19	107.85	-36.46	21.99	-10.92	27.14	-19.43	-3.36	4.48	-4.53	-2.04	0.80	1.49	2.27	0.27
MRBLD1TOR71_SIN			0.00	-248.17	197.46	58.72	-34.94	17.92	-32.92	-26.28	3.24	4.78	13.07	-4.06	-4.31	-3.25	-0.23	2.13
MRBLD1TOR130_COS			-138.73	212.68	115.18	-62.30	26.68	-3.61	21.29	-11.61	-0.19	0.69	8.56	-2.25	0.82	-2.31	-2.75	-1.74
MRBLD1TOR130_SIN			0.00	-222.20	141.16	52.73	-48.39	10.96	-25.29	-28.93	3.21	-1.52	0.34	1.89	2.14	1.69	1.64	-0.82
MRBLD1TOR164_COS			-323.20	116.23	77.26	-57.04	4.16	-8.51	4.44	-8.59	3.62	3.72	-1.01	-1.30	1.90	-1.49	-1.12	0.29
MRBLD1TOR164_SIN			0.00	-115.39	51.32	0.18	-19.69	13.48	-13.40	-11.35	1.31	4.14	3.02	-3.38	0.38	0.51	-1.69	0.17
MRFBM1CB26P5_COS			-973.78	-1384.10	210.64	-63.51	-26.86	9.25	5.88	1.05	0.44	-1.91	14.29	0.14	-0.28	-0.18	1.58	-1.11
MRFBM1CB26P5_SIN			0.00	52.52	126.02	-55.95	-19.32	8.19	-13.43	-12.91	2.81	-5.39	-12.19	1.58	-0.65	0.42	0.00	-0.70
MRFBM1FB9_COS			499.73	404.40	-222.13	-134.83	29.86	24.72	10.44	-4.79	2.10	1.89	-3.22	0.59	0.35	0.04	-0.56	0.92
MRFBM1FB9_SIN			0.00	157.46	-245.90	-143.52	-59.70	-10.05	11.30	15.84	2.84	3.48	2.91	-0.04	0.40	0.02	0.23	-1.31
MRFBM1TOR26P5_COS			-106.81	90.78	4.98	-0.89	0.28	-0.36	0.48	0.01	-0.29	-0.04	-0.24	0.13	-0.09	0.09	0.08	0.07
MRFBM1TOR26P5_SIN			0.00	-270.96	3.65	0.09	-0.81	0.11	-0.71	-0.23	0.13	-0.04	0.07	0.06	-0.05	-0.04	-0.03	-0.03

RUN	POINT		Harmonics															
	46	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			91.47	-1928.55	342.08	-48.61	-65.06	-31.17	-62.39	-6.25	21.64	-14.41	11.54	4.41	-1.23	0.18	0.85	-5.09
MRPC1CB33P25_SIN			0.00	710.21	26.34	9.63	143.86	-9.23	-23.68	-74.32	14.94	-0.79	-70.54	14.18	6.76	3.89	-4.19	17.01
MRPC1FB33P25_COS			1780.90	478.13	0.01	607.09	-135.80	-118.94	-115.10	-0.16	-44.37	-43.51	94.20	0.58	-1.92	7.00	16.64	-2.87
MRPC1FB33P25_SIN			0.00	95.41	364.38	327.57	390.86	155.13	-35.55	-279.97	-45.86	-101.58	-100.93	18.35	0.45	4.88	-9.68	43.59
MRPC1TOR25P5_COS			-267.54	-138.08	-177.25	64.92	-21.82	25.63	-25.17	24.04	11.68	1.53	14.62	2.30	3.42	-5.34	-5.99	-3.66
MRPC1TOR25P5_SIN			0.00	12.49	-239.57	-89.67	33.21	-20.62	46.61	37.12	-3.29	-4.03	-15.19	6.51	10.86	7.42	3.88	1.86
MRPLK1LOAD_COS			17.18	-21.81	-22.82	6.84	-4.87	5.13	-4.39	3.38	2.91	0.45	2.37	-0.29	0.90	-1.01	-1.26	-0.98
MRPLK1LOAD_SIN			0.00	6.33	-32.52	-14.73	3.45	-3.03	6.40	5.57	-0.42	0.09	-1.49	-0.06	1.46	1.11	0.44	0.33
PITCHRH_COS			4083.54	-8773.79	-373.72	372.75	-18.47	-177.86	188.63	-91.15	4.10	27.34	43.77	4.09	27.45	30.00	-13.81	-163.85
PITCHRH_SIN			0.00	1220.11	-1442.83	123.96	-139.16	1643.66	148.68	47.34	-38.98	37.02	-301.73	1.71	-38.30	22.36	24.94	49.23
ROLLRH_COS			98.01	-1467.86	1826.01	-112.93	292.76	-2903.03	-234.74	91.09	36.93	91.51	187.96	25.40	14.22	-59.85	46.84	79.11
ROLLRH_SIN			0.00	-9093.54	-238.25	498.83	-96.59	712.42	-177.15	-60.35	-83.85	-65.54	-30.88	0.10	-4.95	-24.41	-13.78	232.34
TORQ_COS			103874.66	-55.56	-23.23	62.23	-114.19	-37.15	-2.40	17.27	-11.08	-0.94	-36.12	-2.42	3.78	-2.00	-3.85	5.71
TORQ_SIN			0.00	1330.11	-104.28	353.52	-182.41	-57.58	5.05	54.34	-28.00	-6.47	57.54	2.76	-4.47	3.34	-4.34	1.47
THRUST_COS			5560.15	-5.84	23.68	67.31	14.26	55.69	4.58	28.36	3.60	-6.81	-23.51	-6.82	2.64	-2.15	2.27	-9.98
THRUST_SIN			0.00	-358.48	-4.62	18.29	31.31	-105.68	14.26	12.90	3.85	1.92	53.86	-2.33	-1.39	0.40	5.07	-28.49

RUN	POINT		Harmonics															
	46	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-162.01	63.74	-49.85	14.48	7.87	105.25	28.37	-2.94	-2.42	-2.48	-5.15	-0.96	-0.93	1.74	-1.77	-2.22
SIDERH_SIN			0.00	229.36	-3.84	14.89	53.31	-147.36	-10.78	5.59	1.74	3.88	-4.49	1.47	-0.11	0.71	0.71	-6.55
DRAGRH_COS			-141.83	230.97	20.87	-6.86	12.67	-8.76	-65.41	4.34	-0.74	-3.68	-4.48	0.82	-1.99	-0.28	1.58	8.93
DRAGRH_SIN			0.00	-64.17	18.12	-8.08	-11.92	92.41	-27.23	0.30	-2.30	2.37	11.57	0.33	2.91	0.67	-0.04	-3.04

RUN	POINT		Harmonics															
	48	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.25	-0.12	-0.15	-0.04	-0.03	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	-0.03	-0.03	-0.05	-0.02	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.20	-2.33	-4.65	-1.91	-1.18	0.36	0.39	0.68	0.25	-0.02	0.00	-0.06	0.01	0.04	0.03	0.06
ACT1FORCE_SIN			0.00	14.40	-0.60	-0.27	-0.90	-0.28	-0.20	-0.10	0.29	0.24	0.21	0.11	0.03	-0.02	-0.05	0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.01	0.01	0.07	0.04	0.04	0.00	-0.02	-0.02	-0.01	-0.01	0.01	0.00	0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.08	-0.04	-0.03	0.02	0.02	0.05	0.02	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.09	-0.02	-0.01	-0.06	-0.03	-0.03	0.00	0.02	0.02	0.01	0.01	-0.01	0.00	-0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.03	0.08	0.04	0.04	-0.03	-0.02	-0.04	-0.02	0.00	0.01	0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2214.05	-1782.78	364.31	-36.65	-76.96	-126.37	-110.42	-106.61	1.95	42.99	42.80	26.94	30.21	21.10	-1.09	2.80
MRBLD1CB42P75_SIN			0.00	732.85	42.37	149.70	118.00	-79.55	44.72	39.23	-9.69	6.44	22.26	79.63	26.79	19.03	9.05	-5.41

RUN	POINT		Harmonics															
	48	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3506.04	-1113.62	412.60	-152.13	-39.72	-65.40	-104.50	-73.49	13.61	46.70	17.05	27.94	18.65	15.06	4.26	10.72
MRBLD1CB70_SIN			0.00	552.67	6.61	161.02	365.78	-74.94	107.83	58.74	0.03	5.76	-12.98	58.41	9.31	9.57	9.61	-2.82
MRBLD1CB120_COS			-518.25	-419.58	419.18	-144.23	-36.60	30.56	-43.49	-35.95	-30.36	-9.35	4.44	-3.01	-5.88	-6.97	-4.44	2.48
MRBLD1CB120_SIN			0.00	414.18	-88.15	80.09	361.80	-26.16	96.96	28.77	-2.54	6.16	8.09	-30.59	-8.80	-1.97	1.09	2.07
MRBLD1CB164_COS			-1988.30	-134.23	145.87	-86.77	-65.13	55.09	36.36	15.09	-37.84	-28.35	8.83	-5.09	-5.41	-11.27	-8.81	-13.94
MRBLD1CB164_SIN			0.00	177.63	-37.13	16.61	151.45	23.63	28.43	-14.25	-2.33	4.39	29.60	-34.40	-2.57	-2.46	-1.03	5.84
MRBLD1FB42P75_COS			2823.96	272.16	-189.43	142.57	-284.74	-220.73	-197.67	-257.93	-141.73	-20.68	131.09	41.32	60.56	47.27	9.65	-2.57
MRBLD1FB42P75_SIN			0.00	-130.11	15.40	510.12	-154.27	188.22	98.57	156.01	18.34	-13.17	-3.61	17.55	-11.11	-5.76	9.88	-22.80
MRBLD1FB70_COS			543.15	-4.78	-81.87	10.74	-90.35	-60.82	-36.99	-34.63	-6.63	6.27	3.55	1.23	-4.22	-6.00	-1.51	0.57
MRBLD1FB70_SIN			0.00	-198.06	16.76	156.40	-47.07	30.27	21.53	29.38	4.70	2.51	1.11	2.60	3.18	1.70	-1.29	5.08
MRBLD1FB87_COS			46.36	22.86	-86.65	-16.66	-46.74	-24.34	3.70	24.64	20.92	6.73	-25.09	-8.61	-11.42	-9.22	-1.30	0.99
MRBLD1FB87_SIN			0.00	-221.78	27.52	102.71	-15.87	7.14	-8.81	-16.73	-6.94	-1.81	-2.21	-7.95	3.00	4.20	0.55	7.36
MRBLD1FB120_COS			-339.84	0.86	-181.72	-25.14	-0.48	36.45	42.71	47.89	14.94	-10.80	-3.95	0.48	7.83	7.96	0.80	-1.23
MRBLD1FB120_SIN			0.00	-279.61	53.45	161.20	50.50	-11.80	-22.25	-40.83	-6.08	0.09	-0.71	1.56	-5.67	-6.99	-1.64	-10.65
MRBLD1FB164_COS			-13.92	51.09	-230.23	70.79	200.85	90.86	-21.07	-83.79	-32.58	14.41	7.11	-0.01	-14.41	-8.35	3.92	5.27
MRBLD1FB164_SIN			0.00	-415.67	64.05	282.40	130.61	-69.70	8.77	54.25	4.44	2.14	-5.69	-11.15	3.99	6.44	1.09	4.12

RUN	POINT		Harmonics															
	48	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-127.80	-1.92	-114.95	24.50	168.04	54.41	-71.40	-76.94	20.73	25.96	-52.71	-19.30	-8.80	3.24	-1.05	-2.19
MRBLD1FB180_SIN			0.00	-309.89	50.85	142.32	81.81	-50.06	-0.73	62.54	0.23	-25.38	-16.51	-10.75	-1.09	-9.01	-1.96	-11.38
MRBLD1TOR51_COS			-1469.18	109.06	68.07	5.83	-34.78	-39.48	-51.61	-35.60	8.23	14.59	-5.79	-3.13	-2.02	4.05	3.47	4.14
MRBLD1TOR51_SIN			0.00	-142.49	53.53	73.97	1.60	10.73	41.31	44.62	4.17	-4.20	-10.47	-5.07	-1.33	0.33	-1.11	-5.40
MRBLD1TOR71_COS			-331.32	127.17	45.47	8.24	-20.42	-23.22	-34.43	-19.07	10.48	10.66	-9.01	-4.11	-3.35	2.48	2.47	2.75
MRBLD1TOR71_SIN			0.00	-147.89	43.25	40.62	-2.15	9.21	36.69	40.67	7.98	-1.78	-9.67	-5.14	-2.22	-0.38	-1.01	-3.47
MRBLD1TOR130_COS			-94.13	112.31	61.92	14.02	-4.27	-10.53	-20.52	-20.03	-0.65	3.73	3.35	-1.30	0.97	0.04	-2.31	-3.39
MRBLD1TOR130_SIN			0.00	-138.87	32.33	22.49	11.86	6.66	30.84	32.07	3.37	-0.47	5.63	6.93	2.27	0.98	0.64	2.01
MRBLD1TOR164_COS			-283.53	71.63	69.45	9.52	-18.56	-30.92	-16.11	1.48	8.02	-0.42	-2.90	1.30	2.29	-0.31	-3.04	-1.06
MRBLD1TOR164_SIN			0.00	-68.01	10.56	-26.53	-15.02	4.13	17.60	18.34	2.21	-3.75	-1.36	3.73	-0.36	-0.59	0.63	2.41
MRFBM1CB26P5_COS			-2787.87	-866.60	123.05	57.61	-14.02	-16.80	-3.50	-12.57	-4.86	-2.59	7.61	-1.59	2.60	1.50	-0.97	-0.41
MRFBM1CB26P5_SIN			0.00	208.44	48.73	-4.76	-50.99	-18.32	-15.66	-6.72	-5.06	-1.66	10.40	-0.26	2.21	1.32	-0.52	-1.14
MRFBM1FB9_COS			519.05	-4.43	-22.21	24.77	31.31	30.01	19.03	16.17	3.87	-0.90	-2.39	0.18	-0.89	-0.35	0.36	-0.78
MRFBM1FB9_SIN			0.00	-17.32	5.20	-156.02	18.70	-1.66	1.08	2.74	3.77	-0.17	-3.03	-2.56	-2.22	-1.79	-0.57	-0.09
MRFBM1TOR26P5_COS			-238.14	88.15	0.97	0.10	-0.08	-0.33	-0.82	-0.15	0.23	0.33	-0.15	0.01	-0.05	-0.02	0.07	0.04
MRFBM1TOR26P5_SIN			0.00	-143.69	0.91	0.07	0.60	-0.15	0.54	0.28	0.09	0.00	-0.24	-0.32	0.03	0.00	0.00	-0.05

RUN	POINT		Harmonics															
	48	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-732.58	-1544.57	282.32	35.12	-76.37	-110.29	-80.10	-95.89	-20.21	19.17	45.19	18.23	27.00	18.04	-2.93	2.94
MRPC1CB33P25_SIN			0.00	709.74	27.09	102.20	-20.40	-34.57	10.55	14.70	-20.91	-3.92	30.24	48.51	19.21	14.83	6.27	-5.48
MRPC1FB33P25_COS			2018.03	211.67	-192.30	42.65	-193.02	-228.47	-194.07	-263.08	-114.26	-9.88	97.07	17.68	48.30	34.09	-3.35	18.43
MRPC1FB33P25_SIN			0.00	40.90	-35.46	444.09	-170.59	90.18	9.25	17.73	-52.13	-21.94	72.10	41.51	33.32	33.26	15.74	-14.12
MRPC1TOR25P5_COS			-549.17	-44.96	-118.31	15.34	33.87	35.70	48.00	23.76	-12.54	-17.66	14.06	6.36	6.66	-0.45	-5.36	-4.64
MRPC1TOR25P5_SIN			0.00	49.04	-91.95	-76.13	7.93	-9.81	-38.22	-48.20	-10.34	4.39	18.30	16.80	3.66	1.71	3.55	6.71
MRPLK1LOAD_COS			-34.25	-5.97	-11.93	-1.27	4.24	5.52	7.59	4.85	-1.84	-2.86	1.86	0.42	0.81	-0.09	-0.99	-0.80
MRPLK1LOAD_SIN			0.00	-2.55	-9.68	-9.50	-0.70	-0.43	-6.10	-6.73	-0.94	0.38	2.63	2.94	0.42	0.11	0.41	1.21
PITCHRH_COS			10349.26	-8984.34	-635.35	63.29	-45.45	-1376.81	-21.97	9.50	-94.90	-49.35	-31.37	5.93	45.90	-19.81	-15.74	-63.40
PITCHRH_SIN			0.00	911.58	-496.33	113.48	-66.95	-527.89	-187.61	119.09	5.53	8.57	-88.03	-49.41	-0.21	6.28	-8.78	-13.99
ROLLRH_COS			2849.82	-834.29	441.11	-32.50	79.11	271.58	30.36	-26.07	-80.43	88.73	342.73	14.87	15.94	13.12	-62.24	-22.32
ROLLRH_SIN			0.00	-8940.73	-707.41	69.84	-10.23	5.74	-77.39	-70.63	-438.89	-129.64	-18.18	-30.27	30.11	0.47	11.23	146.98
TORQ_COS			66786.63	274.09	19.39	23.95	16.47	168.61	4.03	36.81	-0.96	0.20	-27.92	4.48	2.64	-1.27	0.83	2.32
TORQ_SIN			0.00	818.31	-16.70	17.60	-152.17	175.92	11.84	20.32	-2.50	-3.03	-43.67	11.77	-5.54	9.52	-1.18	-5.35
THRUST_COS			5904.50	-44.06	-3.36	7.79	0.21	99.60	2.95	26.13	-0.21	1.07	-42.89	3.00	-3.70	3.31	0.07	-20.30
THRUST_SIN			0.00	-139.92	1.48	1.23	34.13	-49.79	6.02	1.06	-1.65	-1.45	1.98	7.20	-1.23	0.45	-7.08	-6.02

RUN	POINT		Harmonics															
	48	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-173.53	36.58	-6.70	-1.06	-2.21	-26.93	-1.81	1.05	3.28	-3.11	-17.33	-1.24	-0.31	-0.39	1.95	0.67
SIDERH_SIN			0.00	233.42	13.51	1.83	-1.77	-49.17	0.79	0.71	11.49	6.93	2.66	0.44	-1.26	0.08	-0.29	-4.51
DRAGRH_COS			-180.16	233.78	8.54	-0.51	9.28	121.67	-12.09	-3.34	-1.10	0.89	8.74	0.03	-2.35	0.96	0.29	4.23
DRAGRH_SIN			0.00	-38.31	4.89	-1.52	2.08	-20.86	17.84	-2.97	-5.07	3.74	3.56	3.23	2.38	-1.49	0.09	0.54

RUN	POINT		Harmonics															
	48	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.10	-0.17	-0.03	-0.03	0.01	0.02	0.02	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	-0.03	-0.04	-0.04	-0.03	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.06	-1.40	-5.69	-1.78	-1.15	0.60	0.52	0.50	0.29	-0.19	-0.09	-0.17	0.02	0.07	0.07	0.00
ACT1FORCE_SIN			0.00	14.67	-0.60	-0.75	-0.32	-0.51	0.16	-0.04	0.38	0.28	0.20	0.03	0.04	-0.08	-0.03	-0.06
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.02	0.03	0.05	0.06	0.01	0.00	-0.04	-0.02	-0.01	0.00	0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.10	-0.03	-0.03	0.03	0.04	0.04	0.03	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.10	-0.02	-0.02	-0.04	-0.05	-0.01	0.00	0.04	0.02	0.01	0.00	-0.01	-0.01	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	0.02	0.10	0.01	0.04	-0.03	-0.03	-0.04	-0.02	0.02	0.00	0.02	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-1697.80	-1379.78	523.50	-87.21	-119.17	-178.75	-143.47	-109.85	7.70	60.06	69.03	7.10	36.80	31.47	-0.78	15.91
MRBLD1CB42P75_SIN			0.00	1984.80	70.39	125.62	140.01	-113.22	26.89	64.40	-0.82	8.15	52.08	94.32	27.64	19.70	9.48	-4.48

RUN	POINT		Harmonics															
	48	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3741.06	-852.77	556.09	-237.42	-128.97	-112.01	-163.44	-77.15	21.50	64.68	39.43	14.95	23.72	20.24	2.88	21.24
MRBLD1CB70_SIN			0.00	1393.13	18.56	125.40	502.58	-85.92	147.09	85.45	10.45	6.73	-6.74	73.12	8.38	6.45	10.69	-5.91
MRBLD1CB120_COS			-442.28	-273.09	541.91	-253.53	-138.25	12.43	-101.76	-37.13	-50.23	-22.57	-4.01	10.06	-5.33	-10.27	-5.73	2.82
MRBLD1CB120_SIN			0.00	790.19	-96.83	40.01	535.84	-11.09	173.94	35.84	-15.38	1.40	-3.22	-40.26	-10.88	-3.57	-0.66	2.54
MRBLD1CB164_COS			-2003.79	-105.16	194.31	-148.96	-124.43	62.82	27.40	17.57	-55.54	-47.56	-3.12	9.21	-4.85	-14.35	-9.19	-21.62
MRBLD1CB164_SIN			0.00	285.37	-35.92	-14.98	229.38	49.42	71.35	-28.04	-15.44	4.81	29.32	-46.98	-4.41	-1.96	-2.14	7.90
MRBLD1FB42P75_COS			2959.65	94.78	-144.38	-52.48	-355.97	-256.42	-250.51	-252.49	-189.20	-39.87	164.01	23.55	67.07	56.15	8.50	15.38
MRBLD1FB42P75_SIN			0.00	-401.80	31.98	653.80	-163.63	165.73	50.28	188.54	18.94	-5.75	31.50	20.98	-13.52	-13.16	11.19	-45.11
MRBLD1FB70_COS			610.79	-26.25	-70.63	-62.56	-117.48	-75.02	-52.61	-34.63	-11.43	5.66	5.15	2.19	-4.99	-6.87	-1.19	-3.29
MRBLD1FB70_SIN			0.00	-200.20	22.61	200.21	-40.89	23.11	15.36	36.90	5.43	2.31	0.38	3.59	3.52	3.13	-0.85	9.96
MRBLD1FB87_COS			70.03	3.75	-86.41	-57.99	-54.68	-28.20	4.78	25.40	25.88	10.18	-33.35	-5.12	-12.98	-12.03	-1.29	-2.08
MRBLD1FB87_SIN			0.00	-240.58	31.46	124.59	-12.78	5.72	-8.49	-17.86	-7.28	-4.19	-10.20	-11.08	2.94	6.01	-0.58	11.67
MRBLD1FB120_COS			-341.25	-27.07	-192.96	-61.70	6.75	48.50	56.63	47.37	26.58	-10.65	-5.62	0.51	10.25	10.10	1.56	5.44
MRBLD1FB120_SIN			0.00	-309.90	52.92	185.81	51.27	-10.28	-12.25	-53.22	-8.01	3.62	1.75	2.15	-2.73	-8.03	-1.28	-16.25
MRBLD1FB164_COS			111.17	5.58	-227.63	44.92	240.62	104.17	-28.45	-91.16	-51.01	10.22	7.41	7.70	-19.98	-15.10	5.25	5.25
MRBLD1FB164_SIN			0.00	-446.41	45.11	342.15	138.57	-72.47	6.60	70.56	4.13	-1.23	-12.74	-13.30	2.91	6.54	-0.60	6.59

RUN	POINT		Harmonics															
	48	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-19.44	-43.02	-111.96	13.14	199.87	56.42	-94.63	-83.02	16.93	31.26	-70.82	-15.18	-9.15	6.35	-1.20	4.99
MRBLD1FB180_SIN			0.00	-331.02	41.62	171.09	96.28	-49.95	-17.92	78.03	8.04	-34.19	-42.50	-16.36	2.75	-10.31	-2.93	-17.98
MRBLD1TOR51_COS			-1413.95	117.05	98.66	-26.69	-45.87	-46.26	-66.59	-38.56	11.62	16.24	-5.51	-4.09	-2.79	3.90	3.15	6.87
MRBLD1TOR51_SIN			0.00	-108.12	64.79	85.34	-14.32	23.12	39.89	60.59	6.37	-4.24	-17.03	-6.51	-1.66	1.55	-0.61	-5.74
MRBLD1TOR71_COS			-293.54	130.81	65.89	-12.47	-26.00	-27.39	-44.88	-21.03	14.48	12.12	-9.44	-3.94	-4.10	2.29	2.96	4.40
MRBLD1TOR71_SIN			0.00	-133.65	51.88	48.76	-18.33	23.07	37.71	53.40	10.50	-1.85	-16.70	-6.48	-2.40	0.86	-0.69	-3.35
MRBLD1TOR130_COS			-55.35	117.65	77.56	7.81	-5.47	-13.22	-26.06	-22.67	-1.58	4.54	3.31	-3.12	1.66	0.84	-1.29	-4.39
MRBLD1TOR130_SIN			0.00	-119.06	37.60	27.04	-1.40	19.68	32.74	42.93	2.10	-1.01	7.90	6.02	2.18	1.34	0.20	1.83
MRBLD1TOR164_COS			-278.72	83.41	73.81	14.25	-24.44	-37.77	-20.71	3.11	9.37	0.51	-3.52	1.71	2.54	0.17	-2.92	-0.08
MRBLD1TOR164_SIN			0.00	-45.72	14.72	-29.07	-24.71	8.44	16.74	24.25	2.35	-4.45	-3.56	3.94	1.00	-1.45	-0.73	3.62
MRFBM1CB26P5_COS			-2378.66	-823.12	181.12	81.94	0.83	-20.70	2.97	-11.95	-6.41	-3.67	7.10	-3.00	2.89	2.52	-0.79	0.82
MRFBM1CB26P5_SIN			0.00	866.41	85.84	-16.13	-91.96	-29.64	-31.90	-7.45	-5.01	-1.22	17.54	-1.54	2.46	2.13	-0.66	-0.28
MRFBM1FB9_COS			978.98	-401.44	-59.60	86.52	43.28	30.89	23.73	17.66	5.08	-0.66	-2.13	1.04	-0.93	-0.61	0.49	-1.67
MRFBM1FB9_SIN			0.00	-276.22	-1.16	-172.48	22.40	2.56	7.09	0.99	5.02	0.01	-4.79	-2.15	-2.37	-2.09	-0.49	-0.72
MRFBM1TOR26P5_COS			-196.22	89.07	1.52	-0.74	-0.65	-0.05	-1.34	-0.10	0.33	0.37	-0.18	0.02	-0.06	-0.05	0.05	0.03
MRFBM1TOR26P5_SIN			0.00	-148.06	1.67	0.92	0.21	-0.31	0.44	0.33	0.25	0.04	-0.38	-0.32	0.01	0.00	0.02	-0.06

RUN	POINT		Harmonics															
	48	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-327.21	-1074.89	417.08	16.63	-76.88	-148.56	-97.70	-94.41	-23.62	23.67	62.79	5.99	31.27	26.54	-3.29	14.79
MRPC1CB33P25_SIN			0.00	1734.18	36.55	90.40	-50.36	-61.15	-11.33	29.79	-21.40	-6.50	53.23	55.14	20.23	15.24	7.25	-3.22
MRPC1FB33P25_COS			2107.75	80.06	-144.38	-149.37	-251.68	-250.81	-218.29	-272.02	-152.61	-27.39	101.52	1.41	54.93	47.39	-4.03	48.63
MRPC1FB33P25_SIN			0.00	-213.91	-11.87	531.34	-194.45	60.51	-46.99	44.75	-72.75	-26.89	119.02	35.11	35.52	34.33	15.82	-11.13
MRPC1TOR25P5_COS			-549.66	-36.15	-119.50	25.27	39.47	42.61	63.25	28.79	-19.16	-18.29	14.91	3.95	8.70	1.40	-3.42	-5.16
MRPC1TOR25P5_SIN			0.00	-14.61	-84.62	-75.77	18.35	-22.10	-42.06	-63.33	-13.85	3.07	32.24	18.58	3.13	0.67	2.34	8.43
MRPLK1LOAD_COS			-30.11	-6.40	-16.63	2.34	5.77	6.25	10.14	5.18	-2.43	-3.09	2.01	0.12	1.03	0.24	-0.58	-0.92
MRPLK1LOAD_SIN			0.00	-4.58	-11.32	-11.94	1.96	-1.93	-6.04	-8.93	-1.88	0.17	4.44	3.27	0.36	0.08	0.13	1.43
PITCHRH_COS			16499.05	-8987.08	-678.95	3.12	-65.25	-1385.20	83.88	-28.42	-7.29	-66.76	-158.25	38.49	41.65	-20.99	-1.13	-37.87
PITCHRH_SIN			0.00	783.05	-429.07	173.77	-97.15	-1472.46	-223.71	171.53	-51.70	-18.01	-227.55	-66.66	-4.70	21.69	-33.28	-39.90
ROLLRH_COS			7775.05	-658.52	415.94	-69.39	54.29	182.85	62.85	-18.14	-11.58	109.38	359.43	47.46	1.38	1.89	-36.90	37.68
ROLLRH_SIN			0.00	-9017.11	-760.93	120.19	-13.38	327.50	-177.23	-114.80	-455.32	-96.65	-5.30	-16.98	11.64	20.22	-6.36	148.10
TORQ_COS			77242.81	335.52	5.48	0.51	1.96	280.22	5.07	42.88	-4.81	1.31	-38.16	5.22	-0.17	-4.79	0.41	4.25
TORQ_SIN			0.00	773.10	-10.34	35.43	-102.92	228.31	14.66	30.32	-9.57	-6.76	-67.76	11.71	-5.43	7.34	-1.24	-6.48
THRUST_COS			6990.68	-38.02	-4.52	9.74	3.83	97.24	4.32	28.85	0.99	4.28	-52.52	-1.56	-0.22	1.72	1.99	-31.64
THRUST_SIN			0.00	-128.63	3.89	3.89	30.09	-37.77	6.69	5.65	-2.24	-0.33	-4.91	6.14	-2.34	3.47	-11.13	-9.89

RUN	POINT		Harmonics															
	48	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-169.74	31.63	-5.29	-4.00	9.33	-45.10	-3.15	-0.49	1.59	-4.89	-19.76	-2.58	0.38	-0.15	1.32	-1.21
SIDERH_SIN			0.00	240.04	12.55	3.64	5.85	-111.96	1.30	1.29	13.92	6.45	2.17	-0.32	-0.44	-0.41	0.31	-4.60
DRAGRH_COS			-87.09	235.59	4.51	-0.44	6.32	254.25	-16.35	-3.12	-3.60	-0.97	18.00	-1.03	-2.75	1.73	-0.22	2.92
DRAGRH_SIN			0.00	-36.21	4.11	-0.90	7.43	106.94	13.06	-0.73	-3.22	5.64	14.69	4.22	0.95	-1.26	1.01	2.08

RUN	POINT		Harmonics															
	48	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.48	-0.14	-0.09	-0.06	-0.03	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.38	-0.01	-0.01	-0.04	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.60	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-0.18	-3.45	-2.62	-2.40	-1.07	-0.26	0.03	0.53	0.17	0.13	0.07	0.09	0.10	0.05	0.04	0.01
ACT1FORCE_SIN			0.00	13.30	-0.25	0.17	-0.78	-0.20	-0.41	-0.18	-0.12	-0.02	-0.07	0.08	0.07	0.04	0.00	-0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.74	-0.08	0.00	0.01	0.05	0.04	0.04	0.01	0.01	-0.01	0.00	-0.01	0.00	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.06	-0.03	-0.01	0.01	0.03	0.02	0.02	0.01	0.00	0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.08	-0.01	0.01	-0.04	-0.03	-0.04	-0.01	-0.01	0.01	0.00	0.02	0.01	0.01	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.04	0.04	0.06	0.03	0.01	-0.01	-0.03	-0.02	-0.02	-0.01	-0.01	0.00	0.00	0.01	0.00
MRBLD1CB42P75_COS			-2659.37	-2289.81	216.55	47.54	-43.92	-59.37	-67.85	-90.96	3.07	24.12	40.63	42.10	22.97	13.09	-5.16	-0.06
MRBLD1CB42P75_SIN			0.00	-414.30	-51.40	139.10	85.16	-19.15	35.88	15.63	-17.50	7.79	-11.63	43.14	18.70	10.56	10.10	-4.63

RUN	POINT		Harmonics															
	48	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3288.58	-1459.92	278.39	-63.63	2.29	3.19	-37.83	-57.98	8.94	27.51	21.39	33.42	14.17	11.96	-1.15	4.86
MRBLD1CB70_SIN			0.00	-233.97	-46.74	150.34	234.81	0.39	71.65	29.30	-11.32	6.64	-13.96	27.43	5.98	3.06	6.83	-2.62
MRBLD1CB120_COS			-600.81	-599.22	290.53	-56.22	19.35	59.38	7.75	-18.76	-19.42	-1.49	-3.10	-12.40	-4.75	-3.10	-2.44	1.48
MRBLD1CB120_SIN			0.00	48.30	-93.24	88.45	223.26	33.65	64.02	21.01	-1.51	-2.16	16.10	-13.92	-4.96	-0.03	0.44	0.44
MRBLD1CB164_COS			-1979.23	-173.03	92.47	-38.09	-19.05	42.55	34.89	17.45	-24.19	-13.94	-1.93	-14.25	-4.74	-8.35	-2.41	-8.21
MRBLD1CB164_SIN			0.00	69.96	-36.15	39.84	95.42	29.07	18.95	0.18	2.15	-5.62	19.29	-14.27	0.47	2.06	0.89	5.35
MRBLD1FB42P75_COS			2667.31	489.00	-231.13	347.12	-124.62	-155.69	-145.18	-214.92	-100.65	-25.12	61.41	48.89	44.22	27.18	6.61	-10.41
MRBLD1FB42P75_SIN			0.00	141.22	29.13	406.88	-69.72	191.00	97.74	116.38	7.79	-19.36	-41.25	1.63	-8.85	-2.42	19.10	-15.95
MRBLD1FB70_COS			480.36	11.16	-94.56	87.73	-45.40	-38.35	-24.02	-27.38	-3.10	5.11	2.74	0.49	-2.77	-3.46	-1.02	2.53
MRBLD1FB70_SIN			0.00	-183.50	14.55	126.14	-29.30	35.07	17.62	19.61	2.35	2.25	0.94	1.86	2.94	1.52	-3.32	3.63
MRBLD1FB87_COS			29.91	37.17	-87.23	26.92	-32.91	-20.55	-0.44	18.32	14.48	5.65	-11.34	-10.31	-7.91	-4.16	0.16	2.81
MRBLD1FB87_SIN			0.00	-194.98	26.74	89.48	-8.81	7.41	-8.08	-14.74	-4.89	-0.18	6.43	-2.69	2.09	2.50	-1.88	5.69
MRBLD1FB120_COS			-325.99	25.72	-162.06	11.21	-8.24	15.34	25.55	39.38	7.26	-8.56	-4.69	0.57	4.14	2.52	-0.85	-4.02
MRBLD1FB120_SIN			0.00	-237.63	55.81	147.49	43.73	-11.35	-20.74	-27.03	-2.16	-0.82	-1.82	0.46	-4.42	-4.70	2.47	-8.84
MRBLD1FB164_COS			-137.25	93.61	-212.56	96.18	128.21	76.30	-8.92	-63.72	-18.64	11.89	7.52	-3.89	-8.34	-1.40	3.93	4.41
MRBLD1FB164_SIN			0.00	-357.82	67.76	226.72	101.62	-55.15	14.30	40.48	2.52	0.89	-0.18	-5.54	3.35	4.67	-0.36	3.72

RUN	POINT		Harmonics															
	48	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-234.19	37.10	-107.95	38.84	107.57	53.70	-42.50	-59.38	15.80	18.99	-23.50	-21.13	-8.51	-1.81	-3.72	-6.64
MRBLD1FB180_SIN			0.00	-271.32	48.99	111.11	56.05	-37.86	12.33	42.08	-4.83	-15.04	7.48	-1.56	-0.96	-5.92	2.88	-9.02
MRBLD1TOR51_COS			-1517.64	96.08	35.60	39.50	-16.86	-24.84	-28.55	-35.44	3.68	9.27	-2.90	-2.51	-1.05	1.92	0.53	1.95
MRBLD1TOR51_SIN			0.00	-166.17	36.76	66.03	5.26	12.42	27.15	27.49	-1.80	-4.45	-4.47	-2.98	-1.39	-0.44	-1.05	-4.97
MRBLD1TOR71_COS			-362.31	120.92	22.38	30.68	-8.94	-13.05	-16.71	-21.17	5.93	7.11	-5.35	-4.13	-1.85	1.19	0.47	1.18
MRBLD1TOR71_SIN			0.00	-154.00	29.68	36.33	0.87	7.79	23.62	26.28	2.35	-1.64	-2.28	-2.32	-1.88	-0.49	-0.89	-3.04
MRBLD1TOR130_COS			-128.00	105.81	42.21	23.17	-0.12	-2.93	-8.78	-19.17	-0.08	2.56	3.75	0.54	1.11	0.06	-1.33	-2.34
MRBLD1TOR130_SIN			0.00	-150.01	21.49	19.64	9.53	4.40	19.46	20.77	0.95	-0.71	2.12	6.49	1.68	1.19	1.13	2.71
MRBLD1TOR164_COS			-281.71	57.69	59.76	6.08	-9.22	-19.36	-8.88	-0.54	5.59	0.20	-1.52	0.37	1.16	-0.14	-2.00	-0.85
MRBLD1TOR164_SIN			0.00	-87.43	5.04	-23.22	-11.69	5.11	9.64	10.97	0.90	-1.99	0.32	2.80	-0.71	-0.26	1.36	1.67
MRFBM1CB26P5_COS			-3107.76	-1099.52	75.74	48.09	-17.67	-11.98	-10.49	-11.72	-3.67	-1.95	5.20	-0.23	1.94	0.03	-1.18	-0.47
MRFBM1CB26P5_SIN			0.00	-412.44	5.48	-4.16	-30.01	-15.47	-9.56	-5.50	-2.92	-2.36	1.22	0.94	1.40	1.16	0.31	-1.44
MRFBM1FB9_COS			38.50	475.74	21.77	-36.40	15.18	25.94	14.63	12.92	2.54	-0.34	-2.46	-0.63	-0.54	-0.21	0.59	-0.48
MRFBM1FB9_SIN			0.00	242.17	12.43	-143.59	2.45	-7.77	0.03	3.94	3.25	0.44	-0.67	-2.02	-1.61	-0.94	-0.32	0.18
MRFBM1TOR26P5_COS			-276.83	87.09	-0.20	0.43	-0.07	-0.09	-0.26	-0.24	0.14	0.23	-0.11	0.05	-0.06	0.01	0.04	0.03
MRFBM1TOR26P5_SIN			0.00	-138.67	1.19	-0.53	0.33	-0.22	0.52	0.25	-0.05	0.00	-0.11	-0.26	0.05	-0.01	0.00	-0.06

RUN	POINT		Harmonics															
	48	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1100.68	-1999.08	155.29	104.90	-54.68	-71.03	-57.57	-82.33	-12.45	10.90	34.15	28.52	20.22	10.06	-5.47	-0.69
MRPC1CB33P25_SIN			0.00	-226.28	-60.38	97.15	4.03	-0.88	15.40	5.81	-22.30	-3.60	-6.34	26.30	12.86	8.12	8.06	-6.01
MRPC1FB33P25_COS			1909.22	381.10	-245.70	228.66	-82.37	-174.00	-152.01	-212.14	-78.51	-9.53	68.17	33.64	35.54	20.08	-13.09	7.56
MRPC1FB33P25_SIN			0.00	311.76	-26.61	391.85	-75.38	111.40	26.96	1.09	-43.15	-29.92	4.26	33.25	23.57	19.28	18.68	-17.86
MRPC1TOR25P5_COS			-528.25	-41.02	-121.45	-23.61	11.37	30.11	24.39	30.58	-5.22	-8.73	10.32	8.44	5.20	1.24	-3.39	-2.87
MRPC1TOR25P5_SIN			0.00	142.05	-72.37	-69.75	-8.97	-12.92	-24.69	-32.01	-2.51	4.29	6.44	12.50	3.04	2.98	4.28	5.85
MRPLK1LOAD_COS			-38.67	-5.31	-6.82	-4.96	1.97	3.65	4.08	4.89	-0.75	-1.67	1.32	0.65	0.73	0.05	-0.57	-0.60
MRPLK1LOAD_SIN			0.00	-2.35	-7.31	-7.69	-1.02	-0.65	-3.93	-4.38	0.19	0.58	0.94	2.26	0.27	0.23	0.53	1.19
PITCHRH_COS			2789.60	-9141.75	-516.31	97.95	-79.57	-902.25	-17.48	36.72	-43.76	-30.54	57.26	-16.35	38.59	-38.22	-10.65	-54.62
PITCHRH_SIN			0.00	1167.33	-604.19	2.33	20.93	-141.82	-82.04	117.28	153.37	32.39	-128.53	-20.40	0.21	36.14	-17.61	29.29
ROLLRH_COS			-2102.13	-1082.33	590.22	1.94	8.31	183.78	55.11	-46.96	-204.93	18.72	276.41	18.58	-3.01	24.12	-36.90	-8.75
ROLLRH_SIN			0.00	-9041.62	-611.20	85.26	36.72	328.72	-24.56	-28.17	-337.36	-70.31	-78.13	-29.73	25.22	11.76	-9.24	108.04
TORQ_COS			57193.78	255.62	21.54	36.75	-30.17	43.97	3.89	31.68	-1.96	-2.64	-10.21	1.48	3.93	0.52	-1.89	1.88
TORQ_SIN			0.00	756.72	-1.96	23.09	-56.39	134.98	2.65	15.17	-5.15	-3.52	-6.88	8.57	-6.55	5.93	-4.05	-5.56
THRUST_COS			4694.47	-46.69	0.85	16.34	5.31	81.41	-0.50	20.59	-1.13	-0.32	-23.23	4.09	0.15	2.74	-0.15	-9.82
THRUST_SIN			0.00	-126.40	-8.29	-2.14	20.33	-62.38	4.53	-5.21	-4.07	1.16	20.53	1.74	-0.38	0.37	-2.94	-3.14

RUN	POINT		Harmonics															
	48	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-166.48	40.06	-9.93	-1.28	-16.20	-33.33	-3.00	0.68	6.43	0.05	-13.32	-1.44	0.06	-0.76	1.17	0.30
SIDERH_SIN			0.00	234.74	15.93	1.65	-28.15	-40.49	0.97	0.69	8.09	3.82	4.45	1.14	-1.13	-0.30	0.38	-3.19
DRAGRH_COS			-251.13	238.22	6.85	-1.34	-0.61	78.43	-8.52	-2.82	-3.63	1.55	-3.22	2.17	-2.16	1.28	0.40	2.98
DRAGRH_SIN			0.00	-38.29	3.98	-1.56	7.72	-46.73	11.61	-0.97	-5.55	-1.53	5.16	1.99	2.52	-2.90	0.63	-1.99

RUN	POINT		Harmonics															
	48	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.29	-0.12	-0.12	-0.05	-0.02	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.39	-0.02	-0.02	-0.05	-0.02	-0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-5.84	-2.52	-3.94	-2.14	-1.08	0.09	0.28	0.51	0.27	0.04	0.10	-0.04	0.05	-0.02	0.04	0.01
ACT1FORCE_SIN			0.00	13.88	-0.53	0.01	-0.92	-0.18	-0.26	-0.16	0.17	0.11	0.19	0.09	0.09	-0.01	-0.01	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.01	0.01	0.06	0.03	0.04	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.07	-0.05	-0.03	0.01	0.02	0.04	0.02	0.01	0.00	-0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.09	-0.02	0.01	-0.06	-0.02	-0.04	0.00	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.06	0.04	0.03	-0.01	-0.02	-0.03	-0.02	-0.01	0.00	0.01	0.00	0.01	0.00	0.00
MRBLD1CB42P75_COS			-2233.01	-1858.73	328.89	-33.78	-80.00	-106.55	-102.78	-74.34	3.60	37.54	52.73	27.08	29.64	19.40	-6.34	3.68
MRBLD1CB42P75_SIN			0.00	501.94	17.33	139.58	113.89	-65.94	33.01	35.38	-13.24	7.82	36.19	49.36	20.83	18.69	8.83	-4.24

RUN	POINT		Harmonics															
	48	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3495.33	-1164.99	386.43	-157.41	-55.09	-39.42	-86.66	-46.59	12.73	40.64	29.65	26.30	17.67	14.65	0.36	11.49
MRBLD1CB70_SIN			0.00	396.82	-8.19	150.52	352.52	-43.33	110.26	47.96	-2.27	8.29	-0.58	36.16	6.79	9.17	8.90	-0.63
MRBLD1CB120_COS			-532.49	-442.01	396.46	-148.07	-34.43	43.78	-26.46	-16.75	-27.95	-6.32	-4.09	-2.68	-6.12	-6.56	-3.10	2.21
MRBLD1CB120_SIN			0.00	340.26	-88.74	78.71	352.45	9.78	117.43	20.44	-1.69	5.82	-0.21	-16.82	-6.12	-1.48	0.86	2.01
MRBLD1CB164_COS			-1988.35	-140.86	135.68	-88.66	-57.91	53.29	37.04	12.87	-33.41	-23.75	-3.98	-6.32	-5.01	-10.17	-5.81	-13.28
MRBLD1CB164_SIN			0.00	156.45	-34.63	23.19	147.43	37.10	41.78	-14.30	-1.73	2.81	18.27	-20.67	-0.32	-1.16	-0.66	4.32
MRBLD1FB42P75_COS			2797.22	305.84	-209.31	164.37	-177.55	-226.21	-190.28	-185.23	-132.23	-17.76	121.28	32.92	57.65	42.88	2.38	-1.78
MRBLD1FB42P75_SIN			0.00	-76.08	14.02	534.65	-131.46	178.71	83.97	127.58	11.59	-13.42	13.25	3.15	-12.84	-0.65	19.62	-21.42
MRBLD1FB70_COS			539.41	-4.22	-89.57	17.03	-60.48	-60.97	-36.03	-21.66	-6.35	6.13	4.48	0.85	-4.12	-5.49	-0.34	0.19
MRBLD1FB70_SIN			0.00	-192.89	13.55	164.28	-41.01	29.07	16.91	22.92	3.37	1.79	1.04	2.59	3.09	1.04	-3.03	4.85
MRBLD1FB87_COS			48.30	22.79	-91.25	-14.25	-36.72	-24.71	1.85	17.31	19.13	4.67	-24.67	-5.93	-11.05	-7.95	1.05	1.43
MRBLD1FB87_SIN			0.00	-213.39	24.49	108.21	-14.61	6.31	-8.28	-15.40	-5.87	-1.99	-6.95	-3.94	2.90	2.11	-1.91	7.06
MRBLD1FB120_COS			-331.82	0.04	-180.72	-26.16	-9.39	33.16	39.55	31.17	14.07	-9.34	-3.06	-0.72	7.82	6.59	-2.54	-1.93
MRBLD1FB120_SIN			0.00	-267.79	49.88	170.41	47.52	-10.16	-19.60	-32.50	-4.33	0.49	1.87	0.09	-4.96	-4.12	2.28	-10.29
MRBLD1FB164_COS			-24.93	52.78	-229.02	75.04	161.38	93.31	-17.74	-59.85	-32.57	11.01	5.53	1.48	-14.02	-7.30	5.52	5.48
MRBLD1FB164_SIN			0.00	-399.84	53.38	286.12	125.68	-56.27	13.49	48.72	2.94	1.12	-7.84	-6.98	4.23	4.08	-1.40	4.38

RUN	POINT		Harmonics															
	48	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-139.26	0.27	-115.02	27.39	141.06	56.52	-66.00	-54.03	18.58	21.12	-51.96	-14.99	-7.64	2.18	-4.38	-2.72
MRBLD1FB180_SIN			0.00	-299.02	44.09	140.37	80.22	-39.73	0.84	53.83	2.27	-21.32	-20.45	-1.29	2.04	-6.01	2.86	-10.43
MRBLD1TOR51_COS			-1473.82	106.56	57.46	11.62	-25.11	-31.14	-54.44	-27.45	7.05	12.87	-4.99	-3.01	-1.80	2.61	0.83	3.62
MRBLD1TOR51_SIN			0.00	-144.09	48.44	73.28	5.39	9.80	36.00	36.31	0.67	-3.61	-11.32	-3.85	-0.98	0.73	-1.43	-5.46
MRBLD1TOR71_COS			-334.09	125.77	36.96	13.19	-14.03	-15.97	-37.33	-14.87	9.49	9.43	-8.03	-3.86	-3.09	1.60	0.95	2.20
MRBLD1TOR71_SIN			0.00	-145.94	39.27	39.54	0.51	7.87	32.26	33.05	4.93	-1.08	-10.95	-2.93	-1.56	0.02	-0.98	-3.53
MRBLD1TOR130_COS			-97.40	111.29	54.87	17.51	-2.38	-3.85	-22.67	-14.78	-0.43	3.81	2.74	-0.47	1.27	0.58	-1.24	-3.17
MRBLD1TOR130_SIN			0.00	-137.90	29.78	20.32	11.79	5.87	27.52	26.74	1.69	0.04	5.57	5.60	2.04	1.24	1.32	2.28
MRBLD1TOR164_COS			-283.84	70.37	65.47	10.64	-13.03	-26.45	-16.54	2.87	7.79	-0.10	-2.64	1.23	1.66	-0.16	-2.51	-1.04
MRBLD1TOR164_SIN			0.00	-69.79	10.59	-28.92	-13.04	1.35	14.48	14.85	2.15	-2.89	-1.39	3.70	0.11	-0.36	1.28	2.41
MRFBM1CB26P5_COS			-2795.16	-896.59	110.27	59.72	-13.74	-16.29	-6.40	-10.83	-4.24	-2.43	5.56	-1.33	2.35	0.81	-1.74	-0.73
MRFBM1CB26P5_SIN			0.00	92.44	39.35	-8.07	-53.29	-20.69	-19.07	-4.94	-4.94	-1.68	10.02	-0.52	1.84	1.46	-0.24	-1.48
MRFBM1FB9_COS			459.82	71.74	-5.36	21.80	21.08	30.10	19.01	11.94	3.46	-0.88	-1.93	-0.29	-0.86	-0.18	0.70	-0.67
MRFBM1FB9_SIN			0.00	30.59	11.91	-161.16	11.61	-1.46	2.32	1.80	3.86	0.02	-3.30	-1.72	-2.04	-1.60	-0.27	-0.14
MRFBM1TOR26P5_COS			-241.01	88.93	0.86	0.19	-0.07	-0.25	-0.89	-0.13	0.19	0.31	-0.13	-0.01	-0.03	-0.04	0.05	0.05
MRFBM1TOR26P5_SIN			0.00	-142.97	0.87	-0.01	0.62	-0.12	0.51	0.26	0.03	-0.02	-0.24	-0.28	0.02	0.01	-0.03	-0.05

RUN	POINT		Harmonics															
	48	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-737.75	-1618.16	248.32	41.79	-68.99	-102.15	-78.45	-68.45	-17.39	17.24	46.74	17.45	26.17	15.82	-7.75	3.02
MRPC1CB33P25_SIN			0.00	514.16	4.53	95.24	-18.56	-32.43	0.33	14.81	-22.17	-2.39	37.71	29.29	15.65	15.13	6.60	-4.87
MRPC1FB33P25_COS			1993.82	238.41	-209.87	55.43	-110.69	-229.22	-182.33	-195.20	-103.90	-7.16	80.73	21.07	47.19	27.90	-14.99	18.29
MRPC1FB33P25_SIN			0.00	90.80	-37.81	466.38	-129.64	80.78	0.54	22.94	-53.02	-20.73	78.90	24.62	30.29	32.47	15.13	-12.40
MRPC1TOR25P5_COS			-547.91	-41.78	-110.70	9.57	25.61	28.97	52.82	18.07	-10.69	-15.65	12.70	6.43	6.46	1.27	-2.62	-3.99
MRPC1TOR25P5_SIN			0.00	53.74	-86.88	-75.65	4.44	-9.07	-31.66	-38.60	-5.61	4.07	20.30	12.62	2.77	1.70	4.58	7.08
MRPLK1LOAD_COS			-34.37	-5.54	-10.42	-2.07	2.90	4.44	8.20	3.90	-1.50	-2.47	1.59	0.56	0.74	0.16	-0.48	-0.82
MRPLK1LOAD_SIN			0.00	-2.69	-8.99	-9.32	-1.04	-0.31	-5.38	-5.43	-0.30	0.45	2.88	2.35	0.38	0.07	0.70	1.30
PITCHRH_COS			9189.09	-9139.05	-625.34	70.76	-54.07	-1037.13	46.52	11.83	-53.61	-58.82	37.40	-6.32	28.82	-28.26	-8.52	-73.02
PITCHRH_SIN			0.00	944.39	-495.06	86.51	-26.70	-715.04	-166.51	144.57	84.33	4.82	-143.66	-49.12	-16.54	46.22	-17.09	-5.63
ROLLRH_COS			1851.79	-881.08	443.88	-48.61	14.68	231.85	45.10	-36.04	-183.16	59.36	300.40	35.56	4.32	30.11	-41.83	46.98
ROLLRH_SIN			0.00	-9076.49	-745.33	80.00	44.26	491.62	-80.71	-73.77	-313.65	-112.68	-27.81	-36.35	19.87	22.04	-5.67	110.62
TORQ_COS			66104.48	260.20	17.48	30.33	4.62	129.79	6.40	31.18	-4.22	-0.58	-22.38	4.73	3.67	0.68	0.95	3.62
TORQ_SIN			0.00	813.25	-13.74	15.73	-103.86	168.74	10.91	12.95	-1.13	-5.39	-38.98	8.70	-4.96	7.40	-2.97	-4.67
THRUST_COS			5748.23	-37.63	-3.81	13.42	3.01	100.96	2.04	21.71	-0.59	1.53	-37.93	4.35	-1.79	3.71	0.35	-21.44
THRUST_SIN			0.00	-136.38	1.21	-0.94	27.29	-49.70	4.49	-2.38	-3.09	-0.43	-0.02	4.57	0.65	-0.34	-5.19	-9.23

RUN	POINT		Harmonics															
	48	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-173.38	35.41	-6.21	-2.36	-5.27	-47.17	-2.53	-0.11	5.41	-1.88	-15.29	-2.38	0.18	-0.90	1.30	-1.19
SIDERH_SIN			0.00	237.31	17.08	0.84	-12.50	-72.06	-0.79	1.43	8.30	5.93	3.29	1.18	-0.84	-0.51	0.24	-3.35
DRAGRH_COS			-189.37	238.01	5.51	-1.27	6.95	160.03	-13.62	-1.81	-3.51	2.59	2.15	1.61	-2.23	1.31	0.21	4.26
DRAGRH_SIN			0.00	-38.17	3.43	-1.70	6.69	6.36	13.08	-0.32	-4.80	2.55	7.97	3.79	1.87	-3.16	0.39	-0.16

RUN	POINT		Harmonics															
	48	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.33	-0.15	-0.12	-0.04	-0.02	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.38	-0.04	-0.02	-0.04	-0.02	-0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-4.73	-3.33	-3.85	-1.81	-0.99	0.11	0.31	0.54	0.22	0.02	0.00	-0.02	-0.04	-0.06	-0.02	0.02
ACT1FORCE_SIN			0.00	13.73	-1.03	-0.25	-0.69	-0.22	-0.17	-0.22	0.27	0.08	0.27	0.07	0.10	-0.01	-0.05	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.02	0.01	0.06	0.03	0.03	0.01	-0.02	-0.01	-0.02	-0.01	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.07	-0.04	-0.02	0.01	0.02	0.04	0.02	0.01	0.00	-0.01	-0.01	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.09	-0.02	0.00	-0.05	-0.03	-0.03	-0.01	0.02	0.01	0.02	0.01	0.00	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.06	0.03	0.03	-0.01	-0.02	-0.04	-0.02	-0.01	0.00	0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2161.82	-3142.78	288.27	-32.90	-95.15	-90.59	-77.77	-78.96	-6.51	25.15	38.20	51.27	29.54	12.74	-5.46	1.83
MRBLD1CB42P75_SIN			0.00	127.26	-20.61	92.53	93.91	-54.14	27.80	48.38	-14.91	6.92	6.27	55.47	29.75	14.61	2.55	1.91

RUN	POINT		Harmonics															
	48	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3539.24	-2015.92	339.01	-132.09	-81.87	-41.73	-68.49	-49.33	2.94	28.79	24.52	41.82	21.39	12.90	-1.20	7.33
MRBLD1CB70_SIN			0.00	122.39	-29.49	105.61	286.42	-55.97	93.13	62.60	-6.72	7.53	-18.18	37.09	10.40	3.30	1.46	3.50
MRBLD1CB120_COS			-524.13	-790.69	349.73	-120.27	-66.51	25.11	-25.61	-16.20	-17.39	2.45	0.06	-12.90	-4.72	-3.07	-0.63	1.23
MRBLD1CB120_SIN			0.00	240.81	-93.69	48.98	295.08	-21.96	97.80	44.02	-7.71	7.54	16.04	-19.19	-9.94	-1.39	0.74	2.04
MRBLD1CB164_COS			-1982.77	-216.55	118.07	-74.83	-64.85	39.03	28.16	16.78	-20.93	-12.61	-4.14	-16.38	-6.51	-9.34	-3.20	-7.55
MRBLD1CB164_SIN			0.00	136.37	-37.79	12.44	126.49	17.14	35.52	-6.65	-2.37	4.40	30.97	-20.54	-1.98	1.73	3.15	0.37
MRBLD1FB42P75_COS			2724.02	678.42	-181.73	124.86	-174.13	-199.59	-166.19	-183.06	-125.16	-10.64	88.73	51.04	54.77	29.56	-4.71	5.43
MRBLD1FB42P75_SIN			0.00	5.56	83.45	461.63	-73.28	165.33	63.84	177.36	-7.38	-21.37	14.14	-0.79	-0.63	3.49	5.90	-9.55
MRBLD1FB70_COS			532.19	10.23	-77.70	8.04	-61.43	-52.52	-29.96	-20.72	-6.09	6.38	3.63	0.66	-3.41	-3.63	0.49	-1.47
MRBLD1FB70_SIN			0.00	-193.89	26.05	136.85	-24.32	27.36	12.81	33.26	2.19	2.38	1.63	2.50	2.06	0.71	-0.54	1.93
MRBLD1FB87_COS			45.75	39.00	-81.04	-16.52	-36.78	-22.57	0.54	16.37	18.04	3.44	-17.02	-11.73	-11.18	-5.07	2.69	-0.50
MRBLD1FB87_SIN			0.00	-214.69	27.97	91.69	-6.14	6.05	-6.72	-19.56	-2.84	-0.32	-6.05	-2.53	-0.41	0.46	0.58	4.25
MRBLD1FB120_COS			-328.56	14.00	-162.97	-29.86	-5.84	26.79	32.91	30.05	11.98	-9.96	-4.91	2.03	6.59	3.32	-4.54	0.75
MRBLD1FB120_SIN			0.00	-275.80	52.11	144.13	43.35	-7.46	-14.63	-46.14	-1.14	-0.43	0.70	-0.41	-2.29	-2.69	-1.31	-6.43
MRBLD1FB164_COS			-49.02	81.63	-203.45	51.14	151.32	80.47	-13.15	-57.72	-27.81	13.37	8.99	-4.93	-13.50	-3.01	7.00	2.74
MRBLD1FB164_SIN			0.00	-414.03	74.45	251.54	97.92	-57.80	10.00	65.45	-1.29	2.16	-4.02	-4.08	0.23	2.10	2.27	4.38

RUN	POINT		Harmonics															
	48	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-160.15	22.97	-100.90	14.67	128.60	49.53	-55.29	-51.75	14.98	18.72	-37.60	-25.94	-10.61	-1.92	-7.38	-0.65
MRBLD1FB180_SIN			0.00	-308.08	56.97	126.91	63.70	-40.62	-3.54	69.37	3.82	-16.00	-20.02	-1.42	-2.60	-6.83	-3.32	-7.25
MRBLD1TOR51_COS			-1485.56	104.19	53.21	6.67	-22.48	-24.58	-48.53	-25.54	6.74	10.58	-2.86	-3.50	-0.96	1.85	0.64	4.73
MRBLD1TOR51_SIN			0.00	-144.33	59.31	66.04	1.31	10.36	19.81	46.69	1.63	-1.15	-10.27	-4.79	-1.83	-0.03	-3.91	-4.73
MRBLD1TOR71_COS			-341.70	138.33	34.98	8.68	-10.92	-11.09	-34.17	-13.12	8.67	7.60	-5.44	-5.82	-2.15	0.65	0.77	2.66
MRBLD1TOR71_SIN			0.00	-142.59	47.93	36.35	-2.77	8.71	18.76	40.73	6.07	1.29	-9.01	-4.27	-2.60	-0.24	-2.38	-3.04
MRBLD1TOR130_COS			-104.64	117.69	52.42	12.73	0.23	-0.75	-20.87	-13.86	0.37	4.29	1.84	-0.19	1.56	-0.53	-0.83	-3.50
MRBLD1TOR130_SIN			0.00	-136.91	35.50	20.43	6.64	6.30	17.25	33.31	0.96	1.81	4.15	5.61	2.40	1.24	1.78	2.03
MRBLD1TOR164_COS			-284.27	68.33	61.07	9.07	-12.43	-20.68	-15.61	1.88	6.33	0.26	-2.26	-0.13	1.10	-0.34	-1.24	-2.72
MRBLD1TOR164_SIN			0.00	-68.89	11.47	-23.57	-11.96	3.35	9.87	17.44	1.74	-1.99	-1.19	3.19	-0.49	-0.98	1.58	3.13
MRFBM1CB26P5_COS			-2708.91	-1704.61	113.83	50.05	-8.74	-12.26	-4.06	-12.19	-4.07	-1.91	3.09	-0.01	1.05	0.12	-0.69	-0.71
MRFBM1CB26P5_SIN			0.00	-283.74	39.52	-3.58	-45.62	-15.37	-17.10	-5.73	-4.61	-1.42	7.67	0.70	2.59	1.73	-0.06	-0.86
MRFBM1FB9_COS			376.71	762.02	-16.50	24.61	23.55	28.06	16.34	13.96	2.79	-0.71	-1.55	-0.94	-0.59	-0.07	0.30	-0.29
MRFBM1FB9_SIN			0.00	125.72	-15.95	-139.60	5.87	-1.41	3.35	0.06	4.33	0.01	-2.01	-2.49	-2.19	-1.31	-0.01	-0.45
MRFBM1TOR26P5_COS			-238.37	92.72	1.49	-0.16	-0.03	-0.10	-0.71	-0.02	0.14	0.24	-0.04	0.02	-0.05	-0.02	0.01	0.10
MRFBM1TOR26P5_SIN			0.00	-178.97	2.04	-0.43	0.22	-0.21	0.16	0.36	0.14	-0.08	-0.15	-0.26	0.04	0.01	-0.06	-0.08

RUN	POINT		Harmonics															
	48	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-752.19	-2584.57	200.45	30.96	-79.12	-82.16	-57.95	-68.56	-18.70	13.67	31.96	34.15	24.87	9.65	-6.00	0.35
MRPC1CB33P25_SIN			0.00	333.53	-41.01	57.14	-3.59	-13.27	-0.74	26.06	-24.90	-5.37	16.93	30.48	19.91	11.24	0.45	0.80
MRPC1FB33P25_COS			1949.88	558.97	-208.39	34.53	-122.51	-203.71	-155.49	-212.81	-90.77	1.84	56.65	37.23	36.77	16.98	-8.48	10.73
MRPC1FB33P25_SIN			0.00	199.93	33.45	395.07	-83.89	77.25	-6.53	64.51	-65.21	-23.51	59.25	33.14	36.05	25.06	1.61	0.45
MRPC1TOR25P5_COS			-515.07	-43.91	-130.30	3.75	23.69	23.31	52.85	15.53	-9.24	-11.85	7.98	9.09	4.83	-0.82	-0.96	-7.28
MRPC1TOR25P5_SIN			0.00	29.93	-80.54	-83.73	3.25	-13.94	-14.01	-46.17	-7.38	3.93	16.86	15.04	5.77	1.70	6.62	8.22
MRPLK1LOAD_COS			-32.34	-8.56	-9.18	-0.49	2.48	3.42	7.50	3.10	-1.39	-1.70	0.99	0.70	0.82	-0.29	-0.18	-1.43
MRPLK1LOAD_SIN			0.00	-11.71	-10.20	-8.21	-0.34	-0.48	-2.58	-6.62	-0.71	0.30	2.38	2.47	0.62	0.17	1.05	1.50
PITCHRH_COS			-1443.22	-8946.71	-590.10	91.96	-93.40	-758.65	-33.30	10.41	-73.68	-40.19	70.89	7.70	23.94	-3.01	-5.80	-48.22
PITCHRH_SIN			0.00	904.51	-467.63	93.77	-56.66	-184.24	-59.48	85.85	70.41	26.87	-119.77	-15.64	10.22	18.12	-12.32	-36.44
ROLLRH_COS			570.78	-828.35	416.40	-45.40	-19.28	-179.57	45.49	-6.93	-125.63	26.39	278.94	18.39	-16.59	14.92	-32.80	60.83
ROLLRH_SIN			0.00	-8989.61	-666.27	100.81	26.01	295.84	-148.96	-19.92	-326.94	-88.17	-67.10	-30.80	46.40	13.68	8.11	155.94
TORQ_COS			67302.44	174.81	36.50	32.68	-1.98	102.29	2.57	31.76	-2.47	0.01	-9.85	1.23	4.69	0.81	-1.04	2.97
TORQ_SIN			0.00	851.61	-13.59	27.67	-90.45	148.14	8.33	20.39	-12.03	-5.70	-34.63	8.65	-5.34	5.79	-3.22	-3.68
THRUST_COS			5495.28	-43.26	-6.82	16.93	5.07	91.97	4.70	19.75	-0.53	1.33	-24.15	-0.52	3.11	-0.49	1.64	-14.69
THRUST_SIN			0.00	-145.66	-0.44	-2.55	26.48	-53.82	8.13	-2.20	-1.53	-1.34	1.27	4.24	-2.29	2.37	-7.03	-12.39

RUN	POINT		Harmonics															
	48	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-172.58	41.33	-2.81	0.66	3.57	-13.85	3.78	-1.53	3.51	-0.70	-14.55	-1.23	0.57	-0.51	1.04	-1.74
SIDERH_SIN			0.00	235.82	11.48	2.04	-15.94	-73.30	10.90	-0.90	8.72	4.49	4.24	1.02	-2.12	-0.49	-0.25	-4.51
DRAGRH_COS			-323.18	232.69	4.47	-0.82	2.48	82.53	2.33	-5.98	-5.00	1.63	-3.73	1.15	-2.78	0.16	-0.10	3.59
DRAGRH_SIN			0.00	-35.24	5.29	-1.91	4.09	7.85	12.44	1.74	-6.46	1.62	4.40	0.76	0.65	-1.02	0.12	1.01

RUN	POINT		Harmonics															
	48	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.37	-0.16	-0.10	-0.04	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.36	-0.05	-0.02	-0.04	-0.02	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-3.61	-3.99	-3.15	-1.90	-0.65	-0.03	0.30	0.40	0.10	0.06	-0.07	0.03	-0.05	-0.02	0.02	0.03
ACT1FORCE_SIN			0.00	13.01	-1.16	-0.21	-0.65	-0.14	-0.10	-0.15	0.14	0.07	0.12	0.05	0.05	-0.03	-0.05	-0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.08	0.02	0.01	0.05	0.03	0.02	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.05	-0.06	-0.05	-0.01	0.00	0.03	0.03	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.08	-0.02	0.00	-0.05	-0.03	-0.02	0.00	0.01	0.01	0.01	0.01	0.00	0.00	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.04	0.04	0.01	0.00	-0.02	-0.03	-0.01	-0.01	0.01	0.00	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2001.62	-4125.56	228.65	-14.92	-93.30	-58.03	-69.94	-49.65	-1.95	9.09	25.45	45.74	23.31	8.89	-6.47	-0.51
MRBLD1CB42P75_SIN			0.00	-13.34	-129.91	42.73	116.97	-25.45	12.05	49.14	-12.33	6.92	1.01	22.71	21.50	12.97	1.23	2.48

RUN	POINT		Harmonics															
	48	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3567.78	-2687.70	286.03	-112.94	-76.11	-15.79	-55.30	-28.70	4.58	13.61	18.44	34.12	15.43	10.41	-1.66	3.22
MRBLD1CB70_SIN			0.00	-32.01	-100.74	86.92	286.53	-1.60	62.24	55.23	-6.94	6.89	-14.00	11.86	5.42	3.87	0.49	3.94
MRBLD1CB120_COS			-528.27	-1073.34	298.82	-95.91	-50.35	33.60	-13.84	1.61	-7.14	9.58	-0.13	-12.81	-4.68	-2.54	-0.23	0.02
MRBLD1CB120_SIN			0.00	158.00	-118.07	52.11	283.46	34.58	73.98	32.36	-6.91	1.11	10.87	-6.34	-7.23	-1.88	0.09	0.47
MRBLD1CB164_COS			-1978.80	-278.29	100.26	-57.93	-49.09	31.50	26.76	16.14	-11.93	-0.64	-4.82	-15.69	-6.02	-8.34	-3.55	-4.74
MRBLD1CB164_SIN			0.00	113.42	-43.33	22.03	120.47	36.84	29.90	-9.15	-1.13	-0.80	21.10	-4.95	0.95	1.16	3.50	0.56
MRBLD1FB42P75_COS			2611.84	984.64	-186.68	208.14	-101.43	-164.85	-145.79	-105.62	-97.47	-12.33	50.05	39.31	42.68	22.06	-8.83	0.60
MRBLD1FB42P75_SIN			0.00	66.53	162.81	427.89	-73.90	137.66	62.52	149.28	-6.18	-24.95	5.96	-11.90	-0.91	5.56	4.93	-4.89
MRBLD1FB70_COS			526.72	19.96	-81.37	37.42	-39.98	-40.91	-26.39	-7.22	-2.76	5.76	3.29	0.87	-2.40	-2.57	1.59	-0.17
MRBLD1FB70_SIN			0.00	-184.10	32.07	123.83	-24.79	22.42	9.90	26.98	1.09	2.05	1.49	2.26	1.85	0.34	-0.23	1.21
MRBLD1FB87_COS			49.23	48.55	-79.33	1.06	-28.31	-20.36	-1.03	8.11	13.24	2.30	-10.30	-9.50	-9.33	-4.25	2.63	-0.40
MRBLD1FB87_SIN			0.00	-204.87	29.79	86.56	-5.72	6.27	-5.45	-16.22	-2.28	1.51	-3.99	1.12	-0.35	-0.46	0.31	2.73
MRBLD1FB120_COS			-316.92	24.91	-151.34	-12.95	-7.57	17.71	27.85	11.56	6.90	-7.91	-4.59	1.38	5.05	2.84	-4.24	0.39
MRBLD1FB120_SIN			0.00	-261.12	53.18	141.94	42.76	-3.58	-10.71	-36.48	0.13	-0.53	0.14	-1.84	-1.95	-0.62	-0.62	-4.24
MRBLD1FB164_COS			-67.10	103.18	-193.07	58.34	115.85	70.11	-6.30	-25.34	-18.24	11.66	8.51	-3.98	-10.48	-2.08	5.99	2.20
MRBLD1FB164_SIN			0.00	-397.30	80.91	242.79	99.18	-49.29	9.47	51.50	-2.36	0.46	-3.21	0.73	-0.02	0.74	1.54	3.22

RUN	POINT		Harmonics															
	48	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-178.03	41.44	-97.75	18.19	101.71	44.62	-43.04	-21.90	13.81	14.24	-22.07	-19.66	-9.35	-1.63	-7.13	-1.22
MRBLD1FB180_SIN			0.00	-299.38	60.45	123.22	61.41	-35.41	-0.88	54.49	-0.35	-10.34	-13.76	4.88	-0.61	-3.26	-1.29	-4.23
MRBLD1TOR51_COS			-1501.19	105.58	39.12	19.53	-16.77	-15.87	-32.88	-14.48	8.09	6.34	-1.75	-3.54	-1.43	0.51	-0.18	2.59
MRBLD1TOR51_SIN			0.00	-141.40	62.17	62.33	-0.54	15.61	8.42	35.98	-1.02	-0.70	-7.05	-3.83	-1.53	-0.20	-3.18	-3.68
MRBLD1TOR71_COS			-350.42	149.44	24.83	17.20	-8.09	-5.31	-20.40	-6.30	10.07	4.46	-2.98	-5.25	-2.12	0.29	0.02	1.75
MRBLD1TOR71_SIN			0.00	-137.95	50.30	34.43	-4.95	12.47	8.69	30.32	3.25	1.73	-5.33	-2.53	-1.78	-0.36	-1.77	-2.31
MRBLD1TOR130_COS			-112.51	123.54	43.56	15.44	-0.84	2.19	-10.93	-7.07	3.60	2.67	1.66	0.49	1.12	0.17	-1.02	-1.98
MRBLD1TOR130_SIN			0.00	-133.42	36.40	19.28	4.27	8.89	8.55	25.11	-0.03	1.47	3.14	3.57	1.94	0.61	1.29	1.27
MRBLD1TOR164_COS			-284.74	65.84	55.49	7.53	-8.98	-15.46	-10.42	2.09	6.51	-0.48	-0.70	-0.01	0.79	0.21	-1.14	-1.83
MRBLD1TOR164_SIN			0.00	-69.54	11.36	-23.74	-12.42	4.75	4.11	12.55	0.65	-1.15	-0.73	2.32	-0.37	-0.68	1.01	2.27
MRFBM1CB26P5_COS			-2661.32	-2458.43	116.21	46.99	-16.22	-8.45	-5.14	-10.28	-2.95	-1.87	0.50	1.53	0.93	-0.77	-0.47	-0.55
MRFBM1CB26P5_SIN			0.00	-589.81	-7.69	-7.58	-40.70	-20.37	-12.84	-4.20	-4.05	-0.58	3.79	0.53	2.77	0.84	-0.57	-0.63
MRFBM1FB9_COS			267.44	1435.54	-6.34	3.25	13.04	23.44	15.24	10.57	2.32	-0.51	-0.84	-1.08	-0.34	0.16	0.21	-0.13
MRFBM1FB9_SIN			0.00	235.02	-32.34	-138.29	2.19	-2.99	3.31	-1.97	3.62	0.32	-1.13	-1.39	-1.62	-0.84	0.23	-0.18
MRFBM1TOR26P5_COS			-236.20	96.65	2.48	-0.16	-0.07	0.12	-0.56	0.22	-0.04	0.20	0.01	-0.02	0.00	0.00	0.00	0.05
MRFBM1TOR26P5_SIN			0.00	-217.26	3.82	-0.77	0.11	-0.06	-0.11	0.38	0.11	-0.13	-0.12	-0.17	-0.01	0.06	0.00	-0.06

RUN	POINT		Harmonics															
	48	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-749.36	-3199.25	123.99	41.53	-72.40	-58.18	-54.76	-39.76	-12.97	5.25	19.78	30.26	19.52	6.14	-6.75	-1.90
MRPC1CB33P25_SIN			0.00	388.81	-129.98	-5.84	28.24	-1.76	-2.49	27.96	-20.10	-5.98	7.55	10.91	14.09	9.72	-0.92	0.67
MRPC1FB33P25_COS			1906.86	829.85	-234.20	108.74	-61.43	-169.06	-139.38	-141.82	-70.31	2.16	32.06	35.94	29.25	10.29	-9.87	3.78
MRPC1FB33P25_SIN			0.00	281.22	111.80	379.94	-70.87	64.15	-1.10	71.87	-51.63	-27.55	31.15	15.74	27.85	20.13	-2.83	-1.57
MRPC1TOR25P5_COS			-476.88	-40.40	-131.16	-18.08	16.27	12.55	37.39	7.68	-6.84	-5.53	6.83	10.69	5.53	1.54	-1.39	-4.26
MRPC1TOR25P5_SIN			0.00	-0.21	-64.53	-84.65	3.05	-23.66	-5.53	-36.21	-4.53	3.07	11.27	10.44	5.77	2.47	5.83	6.02
MRPLK1LOAD_COS			-29.89	-10.87	-6.78	-1.53	1.78	2.03	5.39	1.49	-1.10	-1.10	0.80	0.90	0.69	0.19	-0.30	-0.66
MRPLK1LOAD_SIN			0.00	-20.95	-10.67	-7.53	0.29	-1.32	-0.89	-5.07	-0.12	0.11	1.67	1.62	0.56	0.06	0.86	1.06
PITCHRH_COS			-11043.62	-9138.70	-753.56	122.20	-121.76	-517.05	67.48	-41.68	-57.36	-30.47	66.73	21.41	22.09	-30.27	-2.08	-37.79
PITCHRH_SIN			0.00	1187.51	-423.22	63.24	-32.92	-192.67	-102.05	96.13	155.87	11.61	-155.75	6.27	17.87	2.38	-0.82	-66.91
ROLLRH_COS			-635.02	-1102.91	370.70	-41.88	-71.54	-155.66	15.50	-8.94	-123.85	27.58	228.09	-2.52	-5.72	-12.78	-8.21	90.91
ROLLRH_SIN			0.00	-9260.96	-817.27	126.62	34.14	520.73	-65.48	-55.55	-411.43	-39.39	-100.68	-16.49	23.36	9.13	35.86	105.99
TORQ_COS			68297.30	134.64	49.24	43.61	-10.22	58.66	2.72	26.22	-3.67	-0.29	-0.47	-0.42	4.90	0.21	-1.01	2.60
TORQ_SIN			0.00	686.66	-16.78	55.62	-77.77	135.79	10.99	14.29	-10.52	-4.63	-22.58	8.60	-5.95	6.66	-3.53	-5.01
THRUST_COS			5182.76	-40.05	-6.46	20.10	5.11	77.00	2.33	14.22	-1.19	0.90	-10.53	-0.12	1.28	3.11	0.64	-10.33
THRUST_SIN			0.00	-151.39	-2.94	0.09	22.19	-47.24	4.31	-3.66	-3.45	0.70	7.69	2.38	0.49	-1.19	-3.40	-14.35

RUN	POINT		Harmonics															
	48	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-177.54	51.57	0.08	1.26	3.35	-26.95	0.30	0.28	4.39	-0.59	-11.65	-0.07	0.29	0.44	0.41	-2.61
SIDERH_SIN			0.00	242.31	14.85	0.96	-20.90	-72.32	2.60	1.09	11.13	2.56	5.35	0.97	-1.03	-0.38	-0.96	-2.88
DRAGRH_COS			-452.11	235.43	3.93	-1.63	3.07	81.40	-18.08	-2.83	-4.65	1.65	-4.52	0.56	-2.27	1.53	-0.11	2.66
DRAGRH_SIN			0.00	-39.63	4.28	-2.47	5.72	2.85	11.84	-1.95	-6.37	-0.35	8.94	-0.64	1.22	-1.54	0.12	1.91

RUN	POINT		Harmonics															
	48	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.24	-0.09	-0.15	-0.05	-0.03	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	-0.01	-0.03	-0.05	-0.03	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-7.63	-1.70	-4.69	-2.19	-1.22	0.39	0.40	0.80	0.29	0.05	0.01	-0.05	0.00	0.05	0.02	0.04
ACT1FORCE_SIN			0.00	14.27	-0.19	-0.17	-0.84	-0.38	-0.31	-0.07	0.27	0.23	0.25	0.09	0.07	-0.04	-0.04	-0.03
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.10	0.01	0.01	0.07	0.04	0.04	0.00	-0.02	-0.02	-0.02	-0.01	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.03	-0.09	-0.05	-0.04	0.02	0.02	0.05	0.02	0.01	-0.01	-0.01	-0.02	0.00	0.00	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.09	-0.01	-0.01	-0.06	-0.04	-0.03	0.00	0.02	0.02	0.02	0.01	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.08	0.04	0.04	-0.02	-0.02	-0.05	-0.02	-0.01	0.01	0.01	0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS			-2178.75	-249.08	391.60	-27.48	-40.75	-156.77	-124.25	-112.06	19.33	55.27	47.69	22.38	33.45	29.12	9.84	5.53
MRBLD1CB42P75_SIN			0.00	1152.68	-6.66	148.60	128.18	-87.86	45.45	16.09	0.46	8.31	27.48	96.78	26.86	15.79	7.66	-8.52

RUN	POINT		Harmonics															
	48	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3421.91	-135.47	444.40	-156.46	5.50	-116.77	-114.59	-80.52	26.55	60.82	21.68	26.08	21.43	18.17	13.65	11.64
MRBLD1CB70_SIN			0.00	825.31	-33.20	163.97	392.55	-69.97	112.66	43.38	6.02	4.17	-9.70	69.53	9.30	3.54	6.87	-9.92
MRBLD1CB120_COS			-533.21	-40.70	445.14	-155.68	-12.24	-21.83	-47.07	-43.48	-45.80	-15.00	4.10	0.94	-4.71	-8.23	-6.32	3.30
MRBLD1CB120_SIN			0.00	506.63	-112.82	79.88	387.72	-14.82	103.28	14.72	-6.50	3.53	4.85	-39.15	-10.26	-2.63	0.68	0.37
MRBLD1CB164_COS			-1991.18	-53.12	154.05	-95.57	-59.40	34.90	39.77	15.41	-53.07	-39.06	8.31	-0.27	-4.36	-11.17	-14.35	-15.26
MRBLD1CB164_SIN			0.00	192.79	-42.49	17.36	162.69	30.54	33.45	-13.47	-9.00	3.36	26.95	-42.37	-4.26	0.83	0.52	12.63
MRBLD1FB42P75_COS			2831.35	-131.52	-195.06	147.72	-332.07	-222.04	-219.52	-302.22	-150.44	-29.71	133.21	49.66	64.27	54.75	17.86	-5.13
MRBLD1FB42P75_SIN			0.00	-211.88	-7.72	544.81	-149.34	168.99	89.09	96.19	29.48	-3.97	-7.38	29.42	-16.78	-20.56	-3.68	-35.40
MRBLD1FB70_COS			540.90	-16.08	-88.58	10.77	-104.16	-64.31	-42.76	-43.65	-5.96	5.96	3.61	1.01	-4.84	-6.82	-3.09	1.49
MRBLD1FB70_SIN			0.00	-198.98	14.33	170.60	-44.80	26.22	21.28	18.67	5.76	3.20	0.48	2.53	3.76	3.95	1.55	7.99
MRBLD1FB87_COS			44.40	8.00	-91.74	-16.79	-51.79	-26.06	4.94	28.56	21.64	8.99	-25.59	-11.01	-11.54	-10.64	-2.63	2.45
MRBLD1FB87_SIN			0.00	-223.98	32.33	111.10	-14.00	6.91	-8.78	-10.92	-9.50	-4.25	-1.79	-12.57	3.69	7.89	3.20	9.91
MRBLD1FB120_COS			-345.79	-10.75	-189.72	-28.16	3.73	38.85	48.80	61.80	16.87	-11.39	-4.96	2.45	8.63	8.85	3.15	-1.99
MRBLD1FB120_SIN			0.00	-277.04	59.09	174.61	50.90	-10.58	-23.09	-26.84	-7.71	0.95	0.27	4.40	-4.97	-10.74	-6.03	-13.77
MRBLD1FB164_COS			-10.68	25.69	-237.39	75.99	215.61	100.13	-27.02	-103.21	-36.84	12.94	8.52	-0.65	-15.65	-10.82	3.99	6.80
MRBLD1FB164_SIN			0.00	-403.78	55.66	292.31	136.35	-67.38	9.41	34.88	8.39	1.08	-8.50	-17.64	3.16	10.01	3.56	4.27

RUN	POINT		Harmonics															
	48	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-121.00	-22.30	-118.22	29.32	177.60	59.65	-79.25	-94.25	19.96	27.99	-54.70	-24.43	-8.81	4.83	0.72	-4.59
MRBLD1FB180_SIN			0.00	-300.64	45.31	144.85	84.63	-48.21	1.05	46.30	1.63	-32.31	-21.35	-19.11	0.81	-11.54	-7.61	-15.69
MRBLD1TOR51_COS			-1468.70	107.80	72.20	6.55	-40.20	-48.48	-57.21	-46.98	9.33	16.61	-4.57	-4.42	-2.75	4.53	5.50	5.48
MRBLD1TOR51_SIN			0.00	-142.14	44.01	79.16	4.08	11.16	48.41	37.42	4.80	-6.78	-11.10	-6.69	-0.81	0.15	-1.34	-6.74
MRBLD1TOR71_COS			-326.36	109.55	47.93	9.29	-24.78	-29.88	-38.13	-28.17	11.73	12.11	-8.14	-5.33	-3.94	2.48	3.70	3.26
MRBLD1TOR71_SIN			0.00	-151.20	36.05	44.80	-1.57	10.65	43.42	36.92	8.59	-4.27	-10.33	-7.74	-1.91	-0.53	-1.50	-4.51
MRBLD1TOR130_COS			-89.25	103.13	63.84	17.89	-5.68	-15.55	-22.76	-27.42	-0.76	3.18	3.81	-2.16	1.59	0.39	-2.62	-4.75
MRBLD1TOR130_SIN			0.00	-139.61	26.13	24.53	11.90	8.42	36.06	27.79	4.26	-1.14	5.87	7.27	2.61	1.18	0.39	2.30
MRBLD1TOR164_COS			-282.34	71.22	71.45	12.14	-20.70	-36.27	-17.24	-0.48	9.21	-0.76	-3.26	1.23	3.04	0.00	-3.54	-1.60
MRBLD1TOR164_SIN			0.00	-69.22	8.00	-27.61	-16.02	3.88	19.52	18.02	2.35	-3.96	-1.93	3.27	-0.14	-0.98	-0.07	2.47
MRFBM1CB26P5_COS			-2917.02	-97.89	122.74	63.62	-8.18	-13.61	-4.92	-11.90	-4.03	-3.84	7.61	-2.09	2.72	2.93	-0.78	0.37
MRFBM1CB26P5_SIN			0.00	486.93	26.95	-9.11	-55.75	-20.99	-16.73	-8.64	-4.06	-0.95	10.88	0.76	2.20	1.94	-0.39	-0.95
MRFBM1FB9_COS			566.96	-607.80	-10.40	25.07	36.75	30.38	20.14	15.92	3.98	-1.06	-2.65	0.64	-1.11	-0.87	-0.28	-1.16
MRFBM1FB9_SIN			0.00	-62.89	15.61	-163.92	19.78	-0.84	2.53	6.89	3.73	-0.06	-3.06	-3.12	-2.30	-1.93	-0.85	0.01
MRFBM1TOR26P5_COS			-242.65	84.15	1.13	-0.01	-0.30	-0.34	-0.89	-0.26	0.21	0.41	-0.15	0.03	-0.10	-0.03	0.06	0.08
MRFBM1TOR26P5_SIN			0.00	-104.68	1.13	0.54	0.64	-0.27	0.69	0.23	0.05	-0.04	-0.26	-0.30	0.00	0.01	0.02	-0.04

RUN	POINT		Harmonics															
	48	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-783.83	-216.62	309.19	56.75	-56.81	-125.03	-91.36	-101.36	-9.55	22.87	48.62	15.16	29.74	24.92	5.38	6.08
MRPC1CB33P25_SIN			0.00	1017.20	-16.33	96.49	-23.26	-48.90	11.82	-6.18	-13.57	-2.15	32.79	60.01	18.92	13.04	5.67	-7.84
MRPC1FB33P25_COS			2069.92	-138.38	-182.16	40.31	-234.67	-225.74	-209.10	-276.93	-127.79	-19.87	101.19	16.91	55.06	51.37	13.97	28.35
MRPC1FB33P25_SIN			0.00	-68.61	-57.19	481.34	-178.99	73.82	-7.60	-47.85	-49.51	-20.10	72.59	57.55	33.04	29.16	15.07	-24.10
MRPC1TOR25P5_COS			-578.48	-29.23	-93.98	6.82	33.89	44.74	55.32	38.10	-14.25	-19.64	13.04	6.26	7.94	0.68	-6.21	-6.99
MRPC1TOR25P5_SIN			0.00	87.71	-82.67	-63.02	-1.39	-10.70	-50.59	-41.03	-10.51	7.74	19.54	20.03	2.08	0.85	3.14	7.56
MRPLK1LOAD_COS			-36.95	-2.07	-12.84	-1.73	5.54	6.46	8.39	6.75	-1.91	-3.25	1.76	0.35	1.13	-0.08	-1.12	-1.45
MRPLK1LOAD_SIN			0.00	7.19	-8.23	-10.91	-1.14	-0.38	-7.47	-5.75	-1.01	0.83	2.88	3.11	0.28	0.02	0.20	1.26
PITCHRH_COS			20140.19	-9079.43	-591.63	28.42	-54.28	-1522.30	38.65	-48.19	-54.08	-79.65	-31.28	-37.10	45.71	0.81	-1.17	-33.26
PITCHRH_SIN			0.00	1054.15	-484.12	100.45	-35.13	-721.82	-100.42	122.07	-114.44	-32.44	-80.55	-64.18	-10.92	10.32	-18.17	-46.22
ROLLRH_COS			3217.57	-960.50	456.30	-9.95	20.90	405.19	-74.24	-27.00	67.85	97.35	394.43	25.17	3.75	29.74	-56.75	31.11
ROLLRH_SIN			0.00	-8935.24	-734.13	93.78	-72.82	-30.29	-124.75	-66.04	-386.11	-139.56	-19.21	-54.14	21.82	1.13	7.85	178.59
TORQ_COS			64088.30	322.80	4.31	15.31	-49.22	196.74	3.38	26.34	-13.85	0.12	-29.51	4.03	0.31	-3.78	3.48	1.74
TORQ_SIN			0.00	727.17	11.44	21.97	-160.13	196.12	11.91	25.68	-3.20	-6.46	-43.29	10.47	-6.86	6.53	-2.91	-7.07
THRUST_COS			6077.55	-29.20	-2.29	6.95	5.69	100.14	5.16	22.87	0.02	-0.15	-50.99	4.30	-1.76	-0.45	0.46	-22.82
THRUST_SIN			0.00	-132.84	1.78	0.46	36.94	-46.14	8.93	7.34	0.66	1.72	1.07	4.63	0.20	-0.28	-7.25	-1.41

RUN	POINT		Harmonics															
	48	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-173.95	39.62	-7.37	-4.76	2.35	-28.98	5.33	-0.50	-0.96	-4.31	-20.08	-2.03	0.16	-1.16	1.81	-1.28
SIDERH_SIN			0.00	236.90	16.32	2.18	-4.65	-50.42	3.49	0.85	11.19	7.76	2.74	1.74	-0.53	-0.09	-0.36	-5.37
DRAGRH_COS			-42.03	238.54	5.93	-0.48	3.51	153.28	-10.59	-2.43	0.56	1.48	12.87	3.45	-1.55	0.13	-0.08	3.08
DRAGRH_SIN			0.00	-44.27	1.96	-0.63	1.81	-19.71	-4.60	-1.23	-1.01	5.46	3.55	4.32	0.99	-0.12	1.05	3.22

RUN	POINT		Harmonics															
	48	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.19	-0.43	0.11	0.04	-0.05	-0.01	0.02	0.00	-0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.11	-0.13	0.06	0.04	-0.03	-0.01	0.03	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.05	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-9.41	-14.11	3.27	2.23	-0.49	0.20	0.64	-0.22	-0.27	0.17	0.26	-0.13	-0.03	-0.02	-0.06	-0.01
ACT1FORCE_SIN			0.00	5.15	-4.20	1.32	1.42	-0.68	-0.07	0.92	-0.33	-0.25	0.14	0.00	-0.03	0.04	-0.04	-0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.01	0.07	-0.04	-0.04	0.05	0.02	-0.06	0.02	0.02	-0.02	0.00	0.02	-0.01	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.11	0.07	0.04	-0.06	-0.01	0.05	-0.02	-0.02	0.01	0.02	-0.02	0.00	0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.02	-0.07	0.03	0.04	-0.05	-0.02	0.06	-0.03	-0.02	0.02	0.00	-0.02	0.01	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	0.10	-0.07	-0.03	0.06	0.00	-0.04	0.01	0.02	-0.01	-0.01	0.02	0.00	-0.01	0.01	0.00
MRBLD1CB42P75_COS			-2336.73	-964.99	-194.74	62.07	127.69	-195.00	-130.91	47.32	-36.99	-30.10	32.54	8.79	-19.63	-37.47	-13.51	-14.52
MRBLD1CB42P75_SIN			0.00	1806.57	390.44	-125.67	30.36	-2.04	-48.86	-129.62	1.65	-59.11	-30.41	117.86	34.08	15.73	-24.37	-14.29

RUN	POINT		Harmonics															
	48	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3328.10	-724.60	-259.90	194.27	416.20	-142.74	-177.56	-6.76	-39.84	-38.65	-6.46	17.80	-2.66	-17.52	-14.74	-22.59
MRBLD1CB70_SIN			0.00	1217.93	438.58	-96.27	-36.32	-13.56	1.68	-113.37	-1.23	-63.69	-26.67	86.92	19.76	17.87	-17.43	-21.60
MRBLD1CB120_COS			-537.48	-456.64	-231.90	167.07	415.83	-17.75	-119.93	-3.81	57.69	12.50	16.46	5.80	8.32	5.94	5.90	-2.48
MRBLD1CB120_SIN			0.00	561.70	469.19	-15.18	9.30	-13.92	46.78	-68.26	8.56	24.60	-0.15	-44.26	-2.56	-2.87	5.89	-2.82
MRBLD1CB164_COS			-1997.77	-193.11	-80.03	99.52	178.37	50.64	2.36	-4.14	65.64	22.78	33.89	5.00	0.66	6.43	13.79	20.62
MRBLD1CB164_SIN			0.00	112.32	162.24	24.34	63.97	5.74	51.31	16.10	9.94	49.05	8.75	-48.04	1.59	-10.14	9.08	24.16
MRBLD1FB42P75_COS			2947.89	85.84	159.03	62.61	-114.55	-100.87	-209.02	65.60	165.65	23.96	37.07	40.75	24.18	-26.13	-43.37	-50.99
MRBLD1FB42P75_SIN			0.00	-623.54	-122.83	-593.21	436.65	222.63	-75.20	-391.58	-37.94	63.40	-112.36	53.54	56.77	66.53	-10.10	3.80
MRBLD1FB70_COS			544.33	181.46	64.89	58.18	-34.52	-42.10	-46.76	7.17	4.36	1.82	2.26	2.74	-5.00	1.60	7.48	11.31
MRBLD1FB70_SIN			0.00	-108.12	-70.62	-171.49	137.41	45.76	-11.36	-60.93	-5.86	-6.05	-2.79	2.86	-2.33	-9.61	1.24	-1.60
MRBLD1FB87_COS			37.32	215.57	49.73	62.04	-8.70	-22.39	5.79	-4.57	-21.07	-11.40	-7.62	-9.04	-3.29	1.56	10.72	12.60
MRBLD1FB87_SIN			0.00	-97.91	-91.66	-102.44	68.23	18.65	-3.67	35.40	11.60	-12.86	19.57	-19.11	-8.84	-16.81	-0.32	-1.52
MRBLD1FB120_COS			-359.31	260.01	96.67	98.31	54.81	27.13	49.33	-9.09	-18.85	4.99	-7.54	1.08	3.64	4.09	-14.36	-16.84
MRBLD1FB120_SIN			0.00	-135.19	-185.84	-153.50	-18.90	-25.49	10.30	86.74	7.65	10.03	5.90	7.77	6.11	17.34	3.10	-0.74
MRBLD1FB164_COS			10.54	372.83	141.44	32.59	133.50	61.71	-14.23	24.11	39.74	-2.83	4.63	8.31	-1.17	2.51	4.25	7.23
MRBLD1FB164_SIN			0.00	-161.06	-205.14	-296.80	-262.82	-104.33	-1.23	-133.46	-9.04	-9.12	-12.75	-21.69	-14.91	-18.98	-7.11	-8.11

RUN	POINT		Harmonics															
	48	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-96.96	256.72	57.53	18.84	77.62	35.02	-52.98	6.40	-17.32	-48.06	-38.17	-21.74	-2.45	6.14	-12.34	-22.05
MRBLD1FB180_SIN			0.00	-160.00	-111.37	-142.58	-206.13	-67.80	-43.65	-127.69	4.29	-10.17	27.75	-30.11	-9.04	14.06	8.61	3.68
MRBLD1TOR51_COS			-1456.89	173.69	-81.45	26.71	4.43	-41.50	-66.98	-12.03	-10.14	-16.72	-9.44	-3.74	0.72	-3.15	-8.36	-7.05
MRBLD1TOR51_SIN			0.00	40.07	43.19	-85.80	50.14	33.53	-1.62	-75.03	-4.20	-11.94	-4.58	-8.30	-3.75	3.46	-4.25	-8.83
MRBLD1TOR71_COS			-316.66	180.36	-59.10	11.86	-3.71	-24.19	-49.21	-21.91	-13.31	-11.43	-9.91	-4.35	1.43	-1.13	-6.19	-4.50
MRBLD1TOR71_SIN			0.00	20.43	26.02	-53.66	31.60	25.48	7.48	-52.24	-8.72	-9.97	-0.50	-10.00	-4.89	1.97	-1.47	-5.63
MRBLD1TOR130_COS			-80.32	167.58	-62.39	-7.92	9.56	-12.16	-34.14	-13.22	0.75	-2.71	7.24	-3.89	-3.71	-1.96	2.64	1.57
MRBLD1TOR130_SIN			0.00	28.91	41.96	-37.96	5.70	17.54	13.15	-45.99	-5.02	-1.34	-1.57	7.96	2.08	-1.41	2.47	5.98
MRBLD1TOR164_COS			-280.94	92.06	-57.17	-22.93	-18.64	-32.77	-23.76	-17.46	-9.89	-3.48	-3.36	0.79	-0.02	0.04	3.63	2.18
MRBLD1TOR164_SIN			0.00	37.57	53.23	17.04	26.43	21.83	1.91	-9.82	-1.75	1.96	1.65	3.72	3.65	1.81	2.79	3.07
MRFBM1CB26P5_COS			-3018.18	-576.20	-96.47	-69.07	-61.51	-30.24	10.05	18.68	4.19	1.55	11.58	-3.16	-1.97	-4.34	-0.05	0.34
MRFBM1CB26P5_SIN			0.00	921.63	112.20	-18.42	4.25	-11.34	-15.13	-7.39	3.05	5.62	-1.20	0.53	2.71	0.60	-1.04	-0.19
MRFBM1FB9_COS			704.29	-345.68	-18.00	-84.53	17.78	23.37	13.62	-16.41	-4.71	1.52	-3.51	1.85	2.02	2.47	-0.43	-0.01
MRFBM1FB9_SIN			0.00	-1208.72	-26.06	153.66	-50.50	-12.76	15.42	14.08	-4.16	-0.20	1.68	-2.98	-1.44	0.61	1.83	2.05
MRFBM1TOR26P5_COS			-242.33	93.24	-2.55	0.30	0.56	-0.37	-1.08	-0.05	-0.21	-0.26	-0.30	0.07	0.04	0.05	-0.04	0.00
MRFBM1TOR26P5_SIN			0.00	45.99	0.54	-0.55	0.13	-0.23	-0.13	-0.40	-0.03	-0.39	0.01	-0.30	-0.09	-0.02	-0.08	-0.09

RUN	POINT		Harmonics															
	48	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-903.72	-683.90	-102.31	-38.45	-28.75	-142.41	-78.08	59.17	2.40	-19.80	38.33	9.12	-12.40	-31.47	-11.24	-12.99
MRPC1CB33P25_SIN			0.00	1534.72	307.04	-96.90	64.69	23.14	-46.31	-108.54	13.98	-17.42	-28.45	72.14	30.26	15.91	-18.95	-14.01
MRPC1FB33P25_COS			2161.07	-9.17	165.15	150.56	-170.55	-145.37	-144.28	211.94	143.05	-17.60	91.06	-3.87	-22.86	-68.24	-15.87	-32.31
MRPC1FB33P25_SIN			0.00	-527.18	-71.82	-483.14	325.34	151.17	-132.07	-285.42	51.56	57.91	-60.61	70.32	55.09	23.93	-44.11	-41.62
MRPC1TOR25P5_COS			-588.67	-141.72	103.12	-14.64	-6.24	35.89	65.85	23.83	15.43	18.07	18.68	3.01	-1.20	-2.84	8.68	5.84
MRPC1TOR25P5_SIN			0.00	31.08	-18.61	74.01	-54.01	-30.78	2.40	67.47	9.33	14.31	2.08	23.95	8.21	-0.35	3.12	10.33
MRPLK1LOAD_COS			-39.29	-14.98	14.72	-3.03	-1.31	5.51	9.84	2.21	1.78	2.80	2.98	-0.05	-0.30	-0.27	1.27	0.74
MRPLK1LOAD_SIN			0.00	7.88	-6.35	12.50	-7.03	-3.64	0.14	10.70	1.09	2.54	0.30	3.54	1.25	-0.13	1.15	1.83
PITCHRH_COS			30103.43	-4542.35	722.94	28.00	-3.21	-2000.48	38.73	-86.72	17.76	-9.44	-73.67	-1.46	23.82	-9.90	-20.29	-4.44
PITCHRH_SIN			0.00	-7939.02	-106.89	-135.62	54.40	90.55	-239.11	-82.80	178.09	72.01	-1.47	-67.00	54.94	6.09	26.59	-14.33
ROLLRH_COS			4374.96	7758.53	246.01	25.31	-114.11	288.45	82.77	49.33	-116.40	-147.34	285.91	55.44	-17.87	13.46	7.95	193.08
ROLLRH_SIN			0.00	-4348.40	821.30	-93.17	9.16	-560.34	-157.11	-40.46	349.79	1.12	-371.15	-29.51	22.49	41.91	39.66	200.36
TORQ_COS			61831.83	-455.37	-31.37	-6.28	-149.52	326.77	-2.51	-57.56	23.71	-4.13	-45.90	0.09	7.94	-0.05	-1.94	-9.63
TORQ_SIN			0.00	586.65	-25.49	-30.36	60.89	82.16	19.86	6.02	0.62	1.96	1.35	13.16	-0.37	-7.77	-0.16	-2.84
THRUST_COS			6448.08	109.24	-5.82	-7.75	35.00	60.02	-3.87	-20.76	-4.65	1.69	-26.71	2.05	1.79	-0.01	-5.49	13.73
THRUST_SIN			0.00	-74.16	-6.71	-0.14	-7.69	-76.24	6.86	26.20	-1.00	-3.28	50.88	6.21	-2.91	-2.31	5.75	17.14

RUN	POINT		Harmonics															
	48	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-173.42	-201.74	-6.75	6.99	-3.60	-29.25	-8.36	1.59	1.66	7.89	-12.45	-3.21	0.69	-0.40	-0.36	-6.31
SIDERH_SIN			0.00	126.16	-11.87	-2.65	-14.85	-27.98	5.28	0.97	-9.82	-0.80	19.17	0.69	-0.57	-1.26	-1.08	-4.89
DRAGRH_COS			117.81	135.35	-6.42	1.52	-3.14	129.00	-6.07	3.38	-0.13	4.43	10.67	1.27	-3.77	0.70	1.04	3.46
DRAGRH_SIN			0.00	203.36	-1.67	2.04	0.77	-89.25	2.71	-5.98	-2.15	-1.82	-13.15	5.22	-1.01	-0.47	-0.94	-0.11

RUN	POINT		Harmonics															
	48	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.30	-0.13	-0.12	-0.05	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.39	-0.04	-0.02	-0.05	-0.02	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.11	-2.69	-3.74	-2.06	-0.68	0.16	0.38	0.45	0.20	0.00	0.06	-0.06	0.08	-0.02	0.05	0.03
ACT1FORCE_SIN			0.00	13.67	-0.84	0.04	-0.88	-0.11	-0.12	-0.14	0.19	0.11	0.18	0.05	0.08	-0.04	0.00	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.02	0.01	0.06	0.03	0.03	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.07	-0.05	-0.02	0.01	0.02	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.09	-0.02	0.00	-0.06	-0.02	-0.03	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.06	0.04	0.02	-0.01	-0.02	-0.03	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2053.70	-2017.50	311.63	-41.28	-66.10	-91.37	-101.31	-64.99	-4.26	26.93	50.33	33.32	26.18	14.03	-12.22	5.35
MRBLD1CB42P75_SIN			0.00	361.18	13.88	131.31	120.40	-70.24	22.86	56.26	-14.87	14.12	32.18	49.58	25.43	18.50	3.32	-2.81

RUN	POINT		Harmonics															
	48	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3501.90	-1265.61	360.80	-159.43	-32.01	-33.06	-78.98	-42.74	7.60	30.90	35.30	30.12	15.68	13.16	-4.69	11.50
MRBLD1CB70_SIN			0.00	296.14	-12.81	142.42	365.09	-58.04	90.31	69.05	-0.72	13.93	-2.33	35.98	9.21	10.58	4.82	1.66
MRBLD1CB120_COS			-523.31	-481.88	365.50	-145.39	-8.53	40.00	-11.04	-13.46	-18.40	2.04	-5.05	-5.04	-4.90	-4.78	-1.16	2.22
MRBLD1CB120_SIN			0.00	287.77	-91.49	74.79	353.20	-11.54	104.41	38.40	1.89	2.85	2.44	-17.73	-8.14	-2.16	0.22	2.49
MRBLD1CB164_COS			-1981.88	-149.91	124.93	-84.61	-44.65	47.42	42.36	11.24	-23.68	-13.76	-11.07	-9.18	-4.59	-9.91	-3.07	-12.55
MRBLD1CB164_SIN			0.00	140.04	-33.95	25.04	146.70	29.29	40.73	-12.32	1.30	-0.90	19.26	-20.32	-1.10	-3.11	1.26	0.96
MRBLD1FB42P75_COS			2724.24	352.37	-203.08	152.99	-146.99	-201.63	-180.65	-136.85	-126.47	-13.69	102.35	34.21	55.49	30.88	-14.27	3.86
MRBLD1FB42P75_SIN			0.00	-45.69	30.31	544.20	-202.11	145.52	76.22	162.18	-0.75	-17.70	27.72	0.91	-4.25	5.08	19.54	-21.23
MRBLD1FB70_COS			535.42	-2.66	-85.02	15.20	-49.54	-53.78	-33.98	-12.72	-6.33	5.95	4.25	0.72	-3.84	-3.93	2.99	-0.58
MRBLD1FB70_SIN			0.00	-193.36	19.69	167.95	-60.83	20.56	14.92	29.50	2.18	1.98	0.84	2.05	2.12	0.26	-3.21	4.73
MRBLD1FB87_COS			46.17	23.76	-84.99	-13.67	-32.18	-23.40	1.91	13.19	18.79	4.17	-20.69	-7.01	-11.33	-6.07	4.12	-0.75
MRBLD1FB87_SIN			0.00	-212.48	28.76	111.09	-21.29	4.76	-6.89	-18.20	-3.58	-0.64	-9.03	-2.41	1.38	1.02	-1.71	7.30
MRBLD1FB120_COS			-334.42	-1.14	-166.98	-26.31	-8.13	30.37	36.82	17.78	12.35	-9.91	-4.23	0.15	7.92	5.05	-6.27	1.62
MRBLD1FB120_SIN			0.00	-263.77	53.35	173.39	52.45	-3.57	-14.68	-40.46	-1.97	0.08	1.80	-0.31	-3.53	-2.73	2.26	-10.36
MRBLD1FB164_COS			-36.13	56.44	-213.94	64.52	147.44	84.42	-9.51	-39.47	-28.46	13.08	7.37	0.04	-15.04	-5.59	7.65	2.77
MRBLD1FB164_SIN			0.00	-391.05	57.32	285.80	145.18	-51.43	5.80	58.52	-0.85	0.92	-6.55	-4.82	2.29	3.10	-0.86	5.54

RUN	POINT		Harmonics															
	48	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-147.87	4.52	-107.66	21.50	128.78	51.52	-58.79	-36.16	19.02	20.75	-44.65	-17.24	-8.59	1.27	-9.09	1.02
MRBLD1FB180_SIN			0.00	-292.91	46.84	138.11	94.16	-37.18	-7.79	63.35	3.31	-19.21	-25.58	0.49	-0.20	-5.98	1.76	-11.02
MRBLD1TOR51_COS			-1479.67	103.62	53.39	9.50	-22.39	-26.04	-55.69	-15.13	8.14	11.15	-3.69	-3.67	-1.51	1.72	0.03	4.41
MRBLD1TOR51_SIN			0.00	-145.44	51.43	73.69	-3.66	5.71	29.98	42.44	1.55	-1.21	-11.37	-4.15	-1.40	0.46	-2.55	-4.65
MRBLD1TOR71_COS			-334.38	125.31	34.15	11.70	-13.71	-12.70	-39.37	-4.86	10.31	8.32	-6.40	-4.62	-2.49	1.30	0.66	2.85
MRBLD1TOR71_SIN			0.00	-145.23	41.97	40.16	-6.12	5.12	27.13	36.08	5.81	0.79	-10.95	-3.10	-2.15	0.02	-1.55	-2.99
MRBLD1TOR130_COS			-97.82	110.94	52.37	16.37	-4.98	-2.14	-24.41	-6.60	0.96	4.34	1.66	-0.34	1.18	0.56	-1.15	-3.20
MRBLD1TOR130_SIN			0.00	-137.23	31.95	20.03	8.35	3.97	22.78	29.47	1.42	1.08	5.42	5.40	2.02	1.17	1.19	1.58
MRBLD1TOR164_COS			-282.97	69.95	62.46	10.75	-11.96	-22.82	-18.49	5.15	7.16	0.14	-2.08	0.73	1.40	0.12	-2.64	-1.09
MRBLD1TOR164_SIN			0.00	-70.35	11.06	-28.77	-17.09	-0.53	12.37	15.36	1.92	-2.55	-1.71	3.86	-0.11	-0.63	0.69	2.42
MRFBM1CB26P5_COS			-2790.77	-994.46	105.75	56.86	-18.45	-14.24	-7.93	-9.58	-5.05	-2.05	2.55	-1.08	2.09	-0.06	-1.96	-0.46
MRFBM1CB26P5_SIN			0.00	2.02	41.80	-8.55	-53.95	-16.79	-16.99	-4.74	-5.87	-1.65	9.91	-0.53	2.27	0.80	-0.88	-1.48
MRFBM1FB9_COS			437.70	166.09	-6.13	23.97	14.05	26.94	18.30	11.66	3.02	-0.68	-1.52	-0.43	-0.56	0.05	0.80	-0.68
MRFBM1FB9_SIN			0.00	43.38	1.82	-162.29	17.56	0.67	1.83	-1.39	4.02	0.01	-2.95	-1.86	-2.05	-1.30	0.31	-0.32
MRFBM1TOR26P5_COS			-242.64	89.44	0.89	0.21	-0.02	-0.24	-0.88	-0.03	0.16	0.23	-0.07	-0.01	-0.03	-0.04	0.06	0.06
MRFBM1TOR26P5_SIN			0.00	-142.45	0.97	-0.04	0.55	-0.14	0.47	0.31	0.06	-0.01	-0.26	-0.29	0.03	0.00	-0.02	-0.05

RUN	POINT		Harmonics															
	48	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-716.96	-1731.74	229.61	33.29	-62.82	-87.56	-75.85	-57.91	-21.37	13.19	39.59	21.61	23.27	10.52	-12.57	4.25
MRPC1CB33P25_SIN			0.00	412.00	-3.40	90.31	-23.06	-30.90	-1.74	30.53	-24.01	0.54	35.30	28.13	18.51	14.37	1.33	-3.66
MRPC1FB33P25_COS			1981.17	278.08	-208.69	45.44	-70.73	-201.89	-172.69	-171.79	-95.19	-1.78	58.76	23.69	40.21	17.36	-25.78	20.53
MRPC1FB33P25_SIN			0.00	116.72	-22.60	474.54	-180.50	61.38	-3.66	70.01	-60.39	-22.49	78.99	23.86	34.58	27.57	1.18	-8.36
MRPC1TOR25P5_COS			-550.71	-39.26	-106.66	10.53	25.63	23.49	54.96	5.58	-11.78	-13.02	9.90	8.07	6.08	1.95	-2.75	-4.65
MRPC1TOR25P5_SIN			0.00	53.12	-87.20	-77.16	14.06	-4.79	-26.12	-42.80	-6.65	1.81	20.10	13.16	3.84	2.01	4.55	5.99
MRPLK1LOAD_COS			-34.77	-5.43	-9.92	-1.78	2.68	3.78	8.31	2.01	-1.58	-1.94	1.17	0.70	0.74	0.32	-0.45	-0.92
MRPLK1LOAD_SIN			0.00	-2.52	-9.31	-9.35	0.30	0.21	-4.50	-6.20	-0.46	0.16	2.97	2.40	0.46	0.13	0.64	1.10
PITCHRH_COS			7751.62	-9027.13	-659.04	68.22	-82.37	-1002.42	-85.63	27.44	-81.93	-30.02	49.32	13.45	45.72	-33.13	-5.36	-77.89
PITCHRH_SIN			0.00	1044.16	-482.25	67.64	-9.49	-932.98	-89.08	119.50	160.31	-0.27	-168.59	-42.95	-6.34	29.50	-16.77	-49.22
ROLLRH_COS			1584.67	-962.70	423.38	-59.44	-8.98	567.49	43.61	-35.39	-263.98	62.22	307.67	29.46	9.94	13.01	-30.67	77.46
ROLLRH_SIN			0.00	-8967.96	-815.12	73.67	35.21	577.94	-118.05	-65.85	-343.98	-97.13	-24.11	-25.38	29.79	13.17	-0.91	82.53
TORQ_COS			65859.55	219.28	14.92	20.76	-0.06	111.41	3.88	27.68	2.22	-0.35	-11.56	4.52	1.64	1.79	-0.02	4.57
TORQ_SIN			0.00	802.11	-5.98	21.30	-114.27	165.04	9.05	15.87	-0.94	-6.11	-41.40	10.00	-5.33	9.15	-2.63	-3.18
THRUST_COS			5697.74	-35.69	-4.87	14.80	4.71	89.88	1.58	19.85	0.54	1.17	-31.09	3.66	-2.68	4.82	0.58	-19.90
THRUST_SIN			0.00	-137.16	1.85	1.61	27.74	-38.67	7.84	-2.89	-6.03	0.14	-0.33	3.74	-0.38	0.24	-4.56	-12.55

RUN	POINT		Harmonics															
	48	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.73	37.40	-4.84	-2.55	-1.65	-73.87	-1.40	0.38	7.85	-2.08	-15.42	-2.04	-0.33	-0.41	0.87	-2.07
SIDERH_SIN			0.00	237.93	18.23	-0.67	-17.58	-54.40	6.48	0.45	8.37	5.04	2.89	0.48	-1.11	-0.44	0.10	-2.46
DRAGRH_COS			-199.51	238.01	3.88	0.48	5.73	177.63	0.57	-3.75	-5.47	0.87	1.48	0.49	-1.53	1.32	-0.08	4.01
DRAGRH_SIN			0.00	-42.71	3.09	-1.71	3.82	-22.42	18.69	-3.82	-6.31	1.38	9.14	3.40	1.45	-2.16	0.75	1.43

RUN	POINT		Harmonics															
	48	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.31	-0.12	-0.13	-0.05	-0.03	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.42	-0.04	-0.02	-0.05	-0.03	-0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.08	-2.62	-4.27	-2.02	-0.99	0.16	0.36	0.63	0.30	0.00	0.08	-0.07	0.05	-0.02	0.04	0.05
ACT1FORCE_SIN			0.00	14.52	-0.94	0.10	-0.81	-0.30	-0.29	-0.31	0.19	0.17	0.19	0.06	0.05	-0.05	-0.07	-0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.01	0.01	0.06	0.04	0.04	0.01	-0.02	-0.02	-0.02	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.07	-0.05	-0.03	0.01	0.02	0.04	0.03	0.01	0.00	-0.01	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.10	-0.03	0.01	-0.06	-0.03	-0.03	-0.01	0.02	0.01	0.02	0.01	0.00	-0.01	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.07	0.04	0.03	-0.01	-0.02	-0.04	-0.03	0.00	0.00	0.02	0.00	0.01	0.00	0.00
MRBLD1CB42P75_COS			-2078.13	-2057.76	330.82	-30.66	-49.39	-123.74	-102.72	-101.02	0.57	39.31	43.21	36.13	32.27	19.84	-2.82	3.96
MRBLD1CB42P75_SIN			0.00	1937.30	60.40	143.72	141.08	-68.97	36.48	58.32	-15.39	5.86	24.45	51.66	22.88	14.31	3.60	-6.83

RUN	POINT		Harmonics															
	48	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3490.28	-1338.48	374.11	-141.16	-11.62	-90.98	-82.89	-64.22	10.77	43.87	26.95	31.91	19.75	14.65	1.47	9.28
MRBLD1CB70_SIN			0.00	1293.43	12.90	155.12	368.94	-50.95	93.00	77.24	-5.89	4.06	-5.40	35.28	6.64	6.22	3.70	-6.86
MRBLD1CB120_COS			-520.95	-515.95	377.32	-127.57	-5.09	-19.00	-21.47	-21.84	-29.52	-3.77	4.13	-4.33	-5.19	-5.18	-1.75	2.48
MRBLD1CB120_SIN			0.00	672.49	-88.27	80.37	361.83	-5.58	95.33	53.69	-6.87	1.70	-0.46	-21.52	-8.57	-1.31	0.79	1.24
MRBLD1CB164_COS			-1982.60	-155.12	125.91	-76.10	-47.29	24.01	39.84	18.72	-33.54	-22.76	0.75	-7.08	-5.15	-8.98	-4.86	-10.37
MRBLD1CB164_SIN			0.00	223.13	-36.34	24.00	151.05	28.92	32.51	-6.15	-1.36	1.52	16.42	-22.17	-2.14	-0.80	1.99	7.32
MRBLD1FB42P75_COS			2707.56	370.35	-140.17	227.32	-227.08	-193.38	-182.04	-209.91	-135.86	-22.72	97.03	39.35	56.62	35.63	0.19	-4.20
MRBLD1FB42P75_SIN			0.00	-444.00	47.70	493.02	-120.06	146.52	90.46	213.82	11.61	-8.47	4.91	2.36	-11.19	-6.07	9.41	-20.51
MRBLD1FB70_COS			528.54	-1.52	-73.54	39.18	-72.13	-54.59	-34.19	-26.07	-6.96	6.32	4.31	0.88	-3.72	-4.62	-0.01	0.84
MRBLD1FB70_SIN			0.00	-195.81	30.44	154.78	-36.62	21.67	17.27	37.81	2.37	1.04	0.75	2.04	2.35	1.47	-1.24	4.57
MRBLD1FB87_COS			42.44	23.01	-83.33	-0.16	-40.90	-23.40	1.30	18.72	18.72	4.52	-19.95	-8.80	-11.67	-6.79	1.43	1.81
MRBLD1FB87_SIN			0.00	-221.48	35.80	103.19	-12.66	4.75	-9.08	-23.42	-6.23	-2.57	-5.14	-3.95	2.01	2.95	0.08	7.16
MRBLD1FB120_COS			-338.18	0.77	-173.41	-12.44	-1.30	29.56	37.73	36.40	14.02	-10.39	-4.58	0.68	7.35	4.77	-3.11	-3.01
MRBLD1FB120_SIN			0.00	-270.80	62.35	163.71	47.15	-5.79	-20.30	-53.01	-2.45	1.63	2.45	1.30	-3.64	-4.57	-0.13	-9.79
MRBLD1FB164_COS			-43.24	60.44	-207.69	82.29	183.31	84.53	-15.07	-69.68	-31.18	13.28	8.32	-1.40	-14.90	-5.16	6.51	5.18
MRBLD1FB164_SIN			0.00	-414.58	73.94	273.80	122.15	-53.77	15.67	75.04	1.27	0.36	-6.87	-7.54	2.32	5.46	1.09	4.36

RUN	POINT		Harmonics															
	48	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-152.16	5.15	-100.86	29.08	150.82	52.18	-62.23	-63.81	16.10	20.90	-43.56	-19.78	-9.08	1.37	-4.94	-3.84
MRBLD1FB180_SIN			0.00	-309.56	57.60	135.01	78.41	-41.32	3.88	80.44	-0.41	-25.77	-19.74	-1.28	1.97	-5.27	-0.46	-9.34
MRBLD1TOR51_COS			-1486.78	108.37	71.14	17.65	-30.53	-29.14	-55.31	-29.11	6.57	12.83	-3.68	-4.01	-2.38	2.07	0.87	3.45
MRBLD1TOR51_SIN			0.00	-143.54	57.58	68.91	-1.10	10.68	31.89	55.28	0.60	-3.34	-10.96	-4.17	-1.04	0.43	-2.43	-6.29
MRBLD1TOR71_COS			-340.76	128.62	46.83	16.37	-18.02	-14.82	-38.60	-13.90	9.16	9.84	-6.14	-4.98	-3.24	1.14	1.26	2.28
MRBLD1TOR71_SIN			0.00	-160.50	46.61	36.86	-6.34	9.68	28.48	47.55	5.09	-0.54	-9.92	-3.37	-1.82	0.34	-2.05	-4.05
MRBLD1TOR130_COS			-101.47	112.31	59.94	17.46	-2.87	-4.50	-23.42	-15.64	-0.80	4.69	3.24	-0.22	1.94	0.49	-0.57	-2.80
MRBLD1TOR130_SIN			0.00	-146.73	34.00	18.68	6.47	8.68	24.83	38.87	1.22	0.98	4.30	5.97	2.12	1.97	0.78	2.63
MRBLD1TOR164_COS			-284.64	69.91	64.95	7.63	-15.90	-24.30	-17.07	2.88	6.81	0.49	-1.96	0.89	2.18	0.17	-1.75	-1.37
MRBLD1TOR164_SIN			0.00	-71.61	10.07	-27.93	-16.19	2.95	13.27	19.71	0.99	-2.76	-1.28	3.69	-0.22	-0.08	1.08	3.19
MRFBM1CB26P5_COS			-2847.31	-1258.03	118.04	57.04	-16.46	-8.65	-7.62	-14.11	-4.96	-2.69	3.34	-1.47	2.09	0.73	-1.06	-0.48
MRFBM1CB26P5_SIN			0.00	826.34	67.85	-15.40	-46.79	-19.52	-16.80	-6.55	-4.89	-1.53	8.40	-0.31	1.96	0.83	-0.73	-0.96
MRFBM1FB9_COS			436.89	212.25	-30.44	0.05	24.94	27.17	17.52	16.52	3.21	-0.68	-1.84	-0.39	-0.71	-0.41	0.36	-0.79
MRFBM1FB9_SIN			0.00	-590.60	-9.51	-156.83	11.69	-0.08	1.26	-0.90	3.83	-0.18	-2.62	-2.11	-2.11	-1.46	-0.24	0.03
MRFBM1TOR26P5_COS			-243.22	47.81	0.89	-0.41	-0.27	0.08	-0.92	0.01	0.20	0.22	-0.07	0.04	-0.04	-0.03	0.00	0.05
MRFBM1TOR26P5_SIN			0.00	-148.07	0.71	0.86	0.57	0.03	0.46	0.30	0.24	0.04	-0.10	-0.20	0.06	-0.01	0.05	0.01

RUN	POINT		Harmonics															
	48	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-707.70	-1568.41	252.50	34.72	-50.79	-102.29	-80.09	-91.32	-22.51	15.15	38.66	24.88	27.98	15.81	-4.34	2.75
MRPC1CB33P25_SIN			0.00	1743.89	40.41	102.58	7.31	-35.10	15.98	35.40	-24.91	-4.32	25.53	29.72	16.46	11.26	3.18	-5.59
MRPC1FB33P25_COS			1962.13	329.56	-149.25	110.29	-153.92	-195.24	-178.86	-249.98	-108.98	-12.99	67.58	26.59	45.20	27.54	-8.09	15.99
MRPC1FB33P25_SIN			0.00	-239.43	3.74	447.31	-134.32	63.22	6.80	80.81	-55.19	-19.03	60.26	28.63	30.54	23.99	7.04	-14.65
MRPC1TOR25P5_COS			-561.88	-97.53	-107.53	-9.90	33.70	26.32	53.09	19.42	-12.68	-13.90	11.13	7.84	8.64	1.39	-0.84	-3.78
MRPC1TOR25P5_SIN			0.00	39.39	-75.52	-66.49	4.86	-8.83	-31.06	-55.93	-5.00	4.30	20.00	12.77	2.29	2.12	3.01	7.96
MRPLK1LOAD_COS			-33.86	-16.73	-12.77	-1.66	4.01	4.09	8.37	3.19	-1.65	-2.07	1.48	0.89	1.24	0.17	-0.12	-0.80
MRPLK1LOAD_SIN			0.00	1.24	-10.10	-8.80	0.07	-1.06	-4.71	-7.84	-0.39	0.95	2.69	2.38	0.25	0.28	0.23	1.38
PITCHRH_COS			7516.28	-9055.48	-595.73	87.73	-97.26	-949.45	102.76	-14.90	-87.53	-40.96	-32.79	10.90	49.46	-41.07	6.13	-64.74
PITCHRH_SIN			0.00	1083.96	-491.20	102.04	-3.28	-506.63	-27.83	131.14	140.53	21.39	-165.80	-57.78	-1.07	30.31	-16.12	-54.94
ROLLRH_COS			12949.11	-1020.89	397.83	-55.44	-29.65	189.27	18.16	1.91	-245.10	46.18	328.86	33.11	-6.17	23.63	-24.88	90.78
ROLLRH_SIN			0.00	-9017.31	-708.83	106.36	-11.26	315.98	-98.09	-70.81	-508.01	-106.01	-93.43	-19.02	28.66	3.91	19.67	112.45
TORQ_COS			65028.66	303.61	6.34	11.04	-40.33	124.55	6.58	33.74	-3.64	0.39	-14.23	3.45	2.26	0.44	0.69	2.67
TORQ_SIN			0.00	848.04	-22.60	27.33	-115.41	144.92	10.97	29.27	-6.38	-6.07	-38.81	8.74	-6.52	8.72	-3.08	-6.45
THRUST_COS			5686.76	-44.55	-2.74	15.28	7.89	87.95	6.51	25.47	1.26	0.76	-28.53	0.48	-0.56	3.74	-0.02	-21.43
THRUST_SIN			0.00	-133.51	0.25	-2.65	30.21	-43.72	4.34	-2.23	-4.40	-1.18	5.86	6.19	-3.07	2.86	-8.12	-5.61

RUN	POINT		Harmonics															
	48	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-83.58	39.62	-3.66	-1.74	2.16	-37.65	6.02	-1.76	7.76	-1.60	-16.85	-1.86	0.12	-0.68	0.90	-2.69
SIDERH_SIN			0.00	239.88	16.26	-1.26	-6.90	-56.66	0.12	0.99	13.33	5.70	5.87	0.30	-0.83	-0.10	-0.71	-3.32
DRAGRH_COS			-201.42	237.41	5.40	-1.41	4.48	126.26	-5.88	-3.73	-4.84	2.15	7.01	0.43	-1.42	1.48	-1.06	4.09
DRAGRH_SIN			0.00	-42.16	3.92	-2.20	2.97	-9.87	-0.01	2.10	-5.16	2.48	9.77	3.69	1.98	-2.04	0.63	2.36

RUN	POINT		Harmonics															
	48	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.29	-0.12	-0.11	-0.04	-0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.35	-0.03	-0.02	-0.04	-0.02	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.40	-2.53	-3.62	-2.02	-0.63	0.17	0.46	0.43	0.21	-0.06	0.03	-0.04	0.04	-0.01	0.04	0.02
ACT1FORCE_SIN			0.00	12.77	-0.59	-0.19	-0.85	-0.10	-0.06	-0.03	0.23	0.13	0.16	0.05	0.06	-0.01	-0.01	-0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.08	0.01	0.01	0.06	0.03	0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.06	-0.05	-0.01	0.01	0.03	0.02	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.08	-0.02	0.00	-0.05	-0.02	-0.02	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.06	0.04	0.01	-0.01	-0.03	-0.02	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2035.35	-1748.76	318.24	-43.65	-47.67	-91.90	-98.99	-63.11	-7.88	26.44	45.02	38.63	31.44	16.50	-3.96	5.49
MRBLD1CB42P75_SIN			0.00	-1092.13	8.67	142.26	68.61	-53.72	13.23	41.55	-17.59	12.86	7.05	34.25	26.20	20.12	8.05	2.75

RUN	POINT		Harmonics															
	48	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3520.01	-1076.58	367.20	-156.33	-20.16	-31.28	-83.29	-41.75	3.09	29.49	28.42	32.53	19.13	13.97	0.99	11.69
MRBLD1CB70_SIN			0.00	-624.46	-9.95	143.96	309.77	-24.05	77.95	51.50	-5.51	12.74	-20.64	20.70	7.58	8.03	5.29	4.15
MRBLD1CB120_COS			-519.90	-410.48	359.40	-150.22	-7.72	41.11	-25.64	-11.39	-22.20	2.30	-2.43	-8.26	-6.75	-5.29	-2.12	1.05
MRBLD1CB120_SIN			0.00	-60.97	-88.66	73.94	314.42	28.28	93.92	28.85	-5.42	-2.39	14.89	-10.63	-8.74	-2.98	-0.56	2.29
MRBLD1CB164_COS			-1978.50	-136.74	123.11	-87.97	-44.39	47.44	34.94	13.48	-22.91	-11.25	-6.14	-11.69	-5.99	-9.75	-5.42	-12.21
MRBLD1CB164_SIN			0.00	64.87	-32.95	24.12	130.94	44.95	39.65	-11.30	-3.63	-6.04	32.07	-10.02	-0.62	-0.55	1.63	0.15
MRBLD1FB42P75_COS			2748.15	308.32	-238.12	93.31	-145.51	-203.17	-189.99	-147.40	-140.30	-23.06	101.74	37.39	59.35	39.12	1.22	11.65
MRBLD1FB42P75_SIN			0.00	322.49	-12.35	530.46	-187.65	150.87	58.40	128.94	-13.69	-36.00	7.34	-8.47	-8.79	2.45	11.91	-13.44
MRBLD1FB70_COS			538.96	-4.01	-88.16	-4.80	-49.84	-53.38	-36.03	-14.23	-7.95	5.68	4.05	0.82	-3.87	-4.69	0.31	-2.39
MRBLD1FB70_SIN			0.00	-194.06	9.39	165.56	-61.11	24.57	11.51	24.43	1.19	1.55	0.83	2.63	2.87	0.85	-1.71	3.29
MRBLD1FB87_COS			45.17	21.23	-82.75	-26.14	-32.53	-23.35	1.30	13.46	19.91	5.60	-19.64	-7.42	-12.08	-7.64	0.80	-1.93
MRBLD1FB87_SIN			0.00	-207.67	23.79	109.87	-20.54	6.53	-5.97	-14.62	-1.31	2.52	-4.09	0.46	2.24	1.37	-0.40	5.21
MRBLD1FB120_COS			-335.16	-2.29	-158.15	-35.79	-7.73	30.20	40.69	20.03	14.70	-9.11	-5.45	-0.48	7.76	6.05	-2.65	3.19
MRBLD1FB120_SIN			0.00	-264.57	49.45	165.66	51.64	-7.14	-11.98	-34.40	-1.73	-0.01	-0.67	-3.40	-4.54	-3.45	0.12	-7.27
MRBLD1FB164_COS			-34.09	51.63	-211.18	52.84	144.95	81.96	-9.12	-41.70	-32.27	12.30	8.22	1.46	-14.84	-6.72	5.33	3.18
MRBLD1FB164_SIN			0.00	-380.97	50.21	274.88	151.32	-55.81	5.28	49.34	-3.93	0.75	-4.69	-1.82	2.85	1.84	-0.57	3.65

RUN	POINT		Harmonics															
	48	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-146.30	1.95	-107.75	16.60	127.96	51.03	-60.17	-38.51	15.35	21.89	-42.65	-17.85	-11.19	1.04	-4.72	2.76
MRBLD1FB180_SIN			0.00	-285.54	40.48	132.90	98.31	-36.83	-10.68	50.99	1.57	-15.36	-19.12	2.07	-1.60	-7.12	-0.45	-7.03
MRBLD1TOR51_COS			-1471.27	100.24	45.29	4.26	-20.29	-26.01	-56.54	-18.59	6.88	10.79	-4.32	-3.59	-1.73	2.42	1.16	4.04
MRBLD1TOR51_SIN			0.00	-148.81	45.00	74.94	-2.39	4.68	26.03	36.63	0.24	-1.00	-10.70	-4.53	-2.78	0.13	-1.87	-3.42
MRBLD1TOR71_COS			-329.69	120.78	28.46	8.27	-12.88	-12.23	-39.83	-8.32	9.62	8.09	-7.11	-5.23	-2.92	1.30	0.93	2.44
MRBLD1TOR71_SIN			0.00	-132.52	37.19	41.83	-3.81	3.21	24.30	32.24	5.25	1.38	-9.27	-2.95	-3.28	-0.34	-1.25	-2.31
MRBLD1TOR130_COS			-95.57	108.25	49.93	15.30	-5.15	-1.50	-25.18	-9.18	0.55	4.34	2.14	-0.37	1.49	0.11	-1.36	-2.96
MRBLD1TOR130_SIN			0.00	-129.66	29.53	21.65	9.38	1.76	20.65	26.17	0.59	0.33	5.12	5.23	2.15	1.38	1.06	1.13
MRBLD1TOR164_COS			-282.52	68.56	60.91	11.82	-12.03	-22.29	-19.38	3.35	7.18	0.61	-2.30	0.57	1.52	-0.21	-1.98	-1.21
MRBLD1TOR164_SIN			0.00	-68.50	10.47	-26.14	-16.96	-0.53	10.18	14.04	2.25	-2.65	-1.60	3.41	-0.11	-0.58	0.44	2.46
MRFBM1CB26P5_COS			-2745.78	-758.91	111.85	54.70	-11.01	-13.29	-6.14	-7.50	-5.65	-0.97	3.64	-0.42	2.59	0.38	-1.01	-0.73
MRFBM1CB26P5_SIN			0.00	-748.51	41.27	-6.81	-60.28	-20.55	-18.10	-3.95	-5.59	-2.44	9.55	-0.32	2.91	1.60	-0.01	-0.60
MRFBM1FB9_COS			457.27	149.08	-9.33	37.55	15.70	26.69	17.75	10.81	2.87	-0.92	-2.04	-0.75	-0.67	-0.03	0.46	-0.36
MRFBM1FB9_SIN			0.00	635.39	13.73	-153.82	17.05	-0.06	3.94	0.51	5.09	0.75	-2.40	-1.56	-2.12	-1.44	-0.21	-0.64
MRFBM1TOR26P5_COS			-241.02	126.07	-0.21	0.93	-0.17	-0.20	-0.97	-0.10	0.21	0.14	-0.08	0.02	-0.07	0.00	0.02	0.06
MRFBM1TOR26P5_SIN			0.00	-140.18	1.24	-0.11	0.67	-0.21	0.56	0.16	0.08	0.08	-0.29	-0.23	0.00	0.02	-0.03	-0.04

RUN	POINT		Harmonics															
	48	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-722.89	-1579.49	235.43	35.84	-46.35	-90.12	-70.87	-54.85	-22.15	13.80	37.36	25.41	27.80	13.41	-4.83	4.13
MRPC1CB33P25_SIN			0.00	-840.63	-15.97	115.29	-62.29	-26.04	-5.60	22.47	-28.58	-3.38	18.02	18.79	18.00	15.70	5.44	2.04
MRPC1FB33P25_COS			2011.79	203.00	-243.88	6.66	-71.41	-204.59	-175.49	-165.48	-99.95	0.39	69.42	32.59	46.48	24.23	-10.16	19.04
MRPC1FB33P25_SIN			0.00	444.11	-72.32	454.78	-171.17	67.09	-20.10	40.46	-76.82	-40.99	63.00	18.14	33.48	31.45	9.26	3.19
MRPC1TOR25P5_COS			-529.59	2.96	-112.52	27.58	21.92	26.60	51.04	11.31	-11.57	-10.62	10.63	9.34	6.70	0.67	-3.20	-4.07
MRPC1TOR25P5_SIN			0.00	73.63	-109.45	-77.40	10.36	1.45	-22.64	-38.63	-6.23	-0.66	17.34	11.99	6.10	2.42	4.13	5.73
MRPLK1LOAD_COS			-35.86	4.93	-8.75	-1.81	2.53	3.42	8.50	2.55	-1.34	-1.66	1.37	0.72	0.93	-0.01	-0.53	-0.90
MRPLK1LOAD_SIN			0.00	-6.44	-8.05	-10.03	-0.11	0.65	-4.03	-5.24	-0.29	-0.10	2.69	2.24	0.65	0.13	0.53	1.03
PITCHRH_COS			7714.04	-8975.87	-680.72	97.23	-99.17	-979.15	62.93	-1.13	-7.59	-46.19	80.60	-11.56	55.73	-29.79	1.99	-76.08
PITCHRH_SIN			0.00	1103.42	-428.79	56.29	-2.10	-1083.58	-87.71	113.04	159.80	16.21	-203.08	-43.19	-5.56	20.38	-12.52	-21.03
ROLLRH_COS			-9095.93	-970.79	387.44	-38.10	-54.77	571.37	17.34	-54.74	-203.97	10.24	274.06	38.50	21.65	26.48	-29.51	10.74
ROLLRH_SIN			0.00	-8942.75	-838.61	72.80	26.04	604.35	-70.09	-71.69	-329.37	-99.23	-46.44	-42.25	31.50	0.42	-7.69	84.14
TORQ_COS			66491.95	144.28	40.95	24.10	-38.72	119.04	6.69	23.28	4.13	-1.25	-13.80	3.04	2.54	-0.39	-0.23	4.10
TORQ_SIN			0.00	743.93	0.54	32.14	-66.08	169.68	7.95	16.91	-4.16	-7.03	-37.24	8.53	-6.03	6.22	-4.26	-4.03
THRUST_COS			5744.68	-27.73	-4.95	13.69	11.29	89.87	0.68	18.74	-0.35	1.20	-32.93	3.42	-1.48	1.35	0.48	-21.18
THRUST_SIN			0.00	-136.26	2.65	1.64	23.11	-43.87	5.88	-1.55	-4.22	1.30	1.47	2.83	0.23	-0.78	-3.66	-11.93

RUN	POINT		Harmonics															
	48	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-259.72	36.33	0.34	-3.40	0.20	-68.60	-2.93	1.78	6.60	0.04	-14.15	-2.14	-0.54	-0.78	1.05	0.03
SIDERH_SIN			0.00	237.24	19.44	0.24	-20.76	-59.88	0.34	1.46	8.30	5.67	3.38	1.32	-0.93	-0.07	0.30	-2.65
DRAGRH_COS			-203.81	235.93	-0.06	-1.07	1.29	177.62	-14.04	-1.96	-5.41	1.52	-1.89	2.07	-2.80	1.14	0.12	3.97
DRAGRH_SIN			0.00	-40.99	0.34	-1.25	5.60	-0.20	11.38	-2.60	-4.13	0.08	11.88	3.17	2.36	-1.88	0.63	1.01

RUN	POINT		Harmonics															
	48	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.31	-0.12	-0.13	-0.04	-0.02	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.38	-0.03	-0.02	-0.05	-0.02	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.16	-2.62	-4.02	-1.99	-0.89	0.26	0.39	0.59	0.19	-0.01	0.04	-0.02	0.04	-0.01	0.03	0.05
ACT1FORCE_SIN			0.00	13.63	-0.70	-0.21	-0.88	-0.18	-0.18	-0.04	0.23	0.14	0.15	0.10	0.06	0.01	-0.04	0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.75	-0.09	0.02	0.01	0.06	0.03	0.03	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.07	-0.04	-0.02	0.02	0.02	0.03	0.02	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.09	-0.02	0.00	-0.06	-0.03	-0.03	0.00	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.07	0.03	0.02	-0.02	-0.02	-0.03	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2107.52	-1971.39	332.64	-28.16	-56.75	-108.20	-97.49	-79.44	3.53	31.45	36.89	45.63	30.13	18.96	-4.07	0.90
MRBLD1CB42P75_SIN			0.00	357.65	15.32	133.61	115.38	-68.05	35.14	23.71	-10.35	10.08	-2.59	63.15	28.34	19.82	12.03	-1.17

RUN	POINT		Harmonics															
	48	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3481.34	-1237.27	375.67	-135.77	-15.10	-55.49	-81.34	-51.73	12.42	35.81	18.31	39.37	20.15	16.23	2.27	9.21
MRBLD1CB70_SIN			0.00	300.65	-10.66	143.92	341.39	-66.77	99.99	42.12	-1.02	10.48	-25.14	43.64	9.93	7.46	8.78	1.54
MRBLD1CB120_COS			-530.16	-477.46	373.04	-128.96	-7.58	23.45	-23.43	-19.77	-22.65	-1.50	4.81	-11.03	-4.95	-4.62	-2.24	2.20
MRBLD1CB120_SIN			0.00	303.56	-93.73	74.85	338.06	-27.21	100.88	20.01	-3.09	4.65	22.87	-21.29	-8.26	-2.38	0.17	1.73
MRBLD1CB164_COS			-1979.99	-148.44	126.02	-78.33	-45.61	44.26	35.50	14.34	-28.83	-17.19	3.70	-14.69	-5.60	-10.18	-5.38	-10.49
MRBLD1CB164_SIN			0.00	145.26	-37.70	21.45	141.89	18.13	34.80	-9.94	-3.04	0.38	39.16	-23.52	-1.19	0.45	0.07	2.70
MRBLD1FB42P75_COS			2719.86	345.70	-191.89	148.48	-214.91	-194.56	-181.60	-210.26	-124.63	-19.15	107.09	49.42	58.67	40.33	7.39	-1.29
MRBLD1FB42P75_SIN			0.00	-41.70	25.11	497.54	-129.79	167.53	79.18	96.82	2.50	-22.35	-3.48	6.11	-6.84	0.51	18.26	-13.55
MRBLD1FB70_COS			529.16	-1.46	-81.18	14.66	-69.77	-53.80	-33.47	-26.17	-5.20	5.94	3.18	0.76	-4.11	-5.32	-1.26	0.29
MRBLD1FB70_SIN			0.00	-195.55	18.53	152.29	-40.71	26.28	16.43	18.14	2.87	1.89	0.41	2.12	2.46	0.72	-3.20	2.93
MRBLD1FB87_COS			41.14	24.52	-84.03	-15.01	-40.31	-23.63	2.12	19.44	18.17	5.70	-19.71	-10.68	-11.32	-7.43	-0.24	0.95
MRBLD1FB87_SIN			0.00	-216.00	28.77	101.53	-12.64	6.78	-7.01	-11.42	-3.84	0.25	-1.42	-3.90	1.96	2.41	-1.23	5.85
MRBLD1FB120_COS			-336.74	5.27	-166.33	-22.60	-1.53	30.49	38.75	37.52	11.41	-10.16	-5.09	1.05	6.95	5.47	-0.91	-1.42
MRBLD1FB120_SIN			0.00	-273.27	55.54	156.69	47.34	-9.51	-18.47	-26.74	-4.60	-1.20	-1.66	-0.97	-4.75	-5.22	0.93	-8.53
MRBLD1FB164_COS			-45.73	60.92	-208.95	68.01	172.25	82.25	-15.82	-66.23	-27.08	13.43	8.26	-2.31	-13.75	-5.51	4.80	4.97
MRBLD1FB164_SIN			0.00	-405.61	67.36	268.39	121.24	-60.15	9.16	36.13	2.16	3.01	-2.91	-6.10	3.05	3.94	-0.42	3.69

RUN	POINT		Harmonics															
	48	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-154.74	7.10	-102.79	23.06	143.54	52.22	-61.93	-60.85	19.60	22.64	-40.93	-23.39	-10.17	0.82	-3.57	-3.08
MRBLD1FB180_SIN			0.00	-302.48	51.77	134.04	77.03	-42.53	-1.26	43.62	3.25	-16.95	-11.54	-4.15	-1.83	-8.48	0.26	-8.64
MRBLD1TOR51_COS			-1481.05	105.49	58.75	10.07	-27.73	-31.34	-49.72	-29.63	7.02	11.97	-4.32	-3.31	-1.41	2.86	2.05	4.18
MRBLD1TOR51_SIN			0.00	-146.53	51.50	72.75	2.30	6.22	28.77	31.89	2.20	-1.93	-9.31	-4.84	-2.27	-0.39	-1.96	-5.13
MRBLD1TOR71_COS			-336.65	126.25	38.26	11.34	-16.55	-16.85	-33.94	-16.71	8.94	8.61	-7.16	-4.99	-2.83	1.93	1.49	2.49
MRBLD1TOR71_SIN			0.00	-146.63	41.84	40.44	-1.97	5.04	25.68	30.38	6.31	0.49	-7.72	-4.34	-3.00	-0.82	-1.46	-3.29
MRBLD1TOR130_COS			-99.92	111.04	55.57	15.87	-3.77	-5.69	-20.63	-16.45	0.15	3.72	2.99	-0.11	0.93	0.55	-2.07	-3.69
MRBLD1TOR130_SIN			0.00	-138.98	31.22	22.18	10.03	3.27	22.07	23.54	2.23	0.58	4.99	6.79	2.36	1.45	1.37	2.10
MRBLD1TOR164_COS			-283.15	68.76	63.67	9.62	-15.64	-24.97	-16.01	1.18	6.83	0.38	-2.33	0.81	1.29	0.15	-2.83	-1.99
MRBLD1TOR164_SIN			0.00	-69.83	9.25	-25.23	-13.71	1.44	12.41	14.35	2.18	-2.61	-0.55	3.62	-0.23	-0.51	1.34	2.26
MRFBM1CB26P5_COS			-2820.89	-967.28	114.55	54.35	-13.22	-14.39	-6.22	-11.09	-3.61	-2.47	5.27	-0.73	1.94	0.45	-1.45	-0.97
MRFBM1CB26P5_SIN			0.00	1.57	42.51	-4.19	-48.00	-15.28	-16.43	-6.47	-4.49	-1.96	7.84	0.46	2.50	1.85	0.28	-1.32
MRFBM1FB9_COS			423.36	157.87	-16.81	20.06	24.54	28.26	17.31	11.85	3.01	-1.04	-2.38	-0.54	-0.70	-0.17	0.64	-0.41
MRFBM1FB9_SIN			0.00	71.82	1.19	-152.00	13.19	-1.25	2.15	4.02	3.83	0.18	-2.19	-2.65	-2.24	-1.59	-0.49	-0.23
MRFBM1TOR26P5_COS			-244.79	89.85	0.86	0.26	0.01	-0.27	-0.75	-0.12	0.17	0.28	-0.13	-0.02	-0.03	-0.05	0.08	0.08
MRFBM1TOR26P5_SIN			0.00	-145.88	1.02	-0.13	0.51	-0.14	0.42	0.23	0.07	0.01	-0.22	-0.32	0.02	-0.01	-0.03	-0.05

RUN	POINT		Harmonics															
	48	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-754.68	-1696.52	250.83	39.24	-62.76	-95.70	-73.43	-71.55	-14.80	14.63	35.51	30.30	26.01	15.26	-5.41	0.00
MRPC1CB33P25_SIN			0.00	404.10	-3.79	93.45	-14.36	-26.46	4.42	4.26	-20.83	-3.15	13.23	37.79	20.66	15.84	9.03	-2.25
MRPC1FB33P25_COS			1980.04	270.08	-199.90	51.58	-142.17	-202.27	-174.78	-203.07	-94.42	-3.98	79.85	31.86	44.11	26.03	-11.20	10.93
MRPC1FB33P25_SIN			0.00	121.60	-25.81	434.44	-136.32	81.41	0.13	-10.15	-56.70	-28.49	57.33	37.88	35.17	31.30	19.09	-7.67
MRPC1TOR25P5_COS			-550.02	-41.38	-116.28	11.72	29.18	30.10	48.25	20.13	-10.12	-14.86	11.55	8.63	5.76	1.70	-4.42	-6.32
MRPC1TOR25P5_SIN			0.00	56.20	-89.24	-78.58	6.86	-5.39	-23.41	-35.23	-7.12	1.94	14.55	15.41	4.83	2.71	5.81	7.22
MRPLK1LOAD_COS			-35.39	-5.62	-10.51	-1.71	3.34	4.45	7.38	4.11	-1.44	-2.26	1.47	0.75	0.62	0.27	-0.87	-1.23
MRPLK1LOAD_SIN			0.00	-3.46	-9.28	-9.30	-0.65	0.13	-4.24	-4.90	-0.59	0.15	2.30	2.76	0.62	0.22	0.76	1.25
PITCHRH_COS			7770.59	-9010.58	-637.30	67.18	-91.54	-1028.76	-64.43	18.60	33.87	-49.48	42.62	-0.05	58.93	-15.53	-7.89	-83.27
PITCHRH_SIN			0.00	1069.53	-490.49	84.93	-34.94	-528.08	-48.93	108.96	74.35	-6.84	-143.08	-36.76	0.39	43.86	-13.34	3.92
ROLLRH_COS			1107.09	-993.67	442.29	-26.35	-26.72	249.57	13.20	-36.08	-160.61	48.28	308.97	17.66	12.58	29.44	-28.92	-10.22
ROLLRH_SIN			0.00	-8954.82	-726.62	91.08	13.53	323.97	-128.90	-51.40	-289.07	-116.44	-38.49	-32.95	58.93	17.63	-8.76	132.73
TORQ_COS			65115.00	214.87	23.60	26.95	-40.26	134.54	2.83	28.10	-5.09	0.79	-16.09	3.55	2.37	1.25	0.47	3.37
TORQ_SIN			0.00	809.04	-16.78	17.13	-134.95	158.77	10.25	13.33	-5.85	-5.61	-33.01	8.89	-7.02	6.36	-3.36	-3.97
THRUST_COS			5668.58	-37.16	-4.27	11.87	8.42	90.24	2.56	19.87	-2.14	0.64	-32.77	3.51	-3.07	2.75	-0.20	-18.85
THRUST_SIN			0.00	-140.18	1.77	-2.59	32.75	-50.37	9.60	-3.67	-3.70	1.29	1.64	4.44	-1.08	-1.48	-4.44	-9.20

RUN	POINT		Harmonics															
	48	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.71	40.18	-4.75	-0.72	1.08	-39.84	1.41	-0.17	4.60	-1.39	-15.47	-1.39	-0.40	-0.99	0.77	0.39
SIDERH_SIN			0.00	238.11	14.92	1.70	-21.13	-57.44	9.51	-0.44	6.98	6.26	3.18	0.83	-2.30	-0.63	0.25	-4.05
DRAGRH_COS			-202.82	236.86	7.63	-0.50	2.85	125.06	3.65	-4.69	-5.18	0.85	1.02	0.65	-3.57	0.41	0.15	4.47
DRAGRH_SIN			0.00	-41.73	4.18	-1.77	3.29	-11.11	12.75	-0.88	-2.62	2.69	7.65	2.13	1.93	-2.51	0.51	-0.47

RUN	POINT		Harmonics															
	48	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.10	-0.13	-0.13	-0.05	-0.01	-0.01	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.39	-0.02	-0.03	-0.04	-0.01	-0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.41	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-2.32	-2.76	-3.72	-2.05	-0.60	-0.07	0.26	0.54	0.16	-0.01	-0.03	-0.08	-0.01	0.01	0.00	-0.01
ACT1FORCE_SIN			0.00	13.40	-0.15	-0.36	-0.51	0.10	-0.25	0.08	0.07	0.21	0.15	0.10	0.11	-0.02	0.02	0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			654.05	-0.13	0.03	0.03	0.04	0.01	0.04	-0.01	-0.01	-0.03	0.00	-0.01	0.00	0.01	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-0.02	-0.06	-0.04	0.00	-0.01	0.00	0.04	0.01	0.00	0.00	-0.02	-0.01	0.01	0.00	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			151.25	0.15	-0.01	-0.03	-0.03	-0.02	-0.04	-0.01	0.01	0.03	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.06	0.09	0.03	0.00	0.00	0.00	-0.02	-0.01	0.00	-0.01	0.01	0.00	0.00	0.00	-0.01
MRBLD1CB42P75_COS			-2077.51	-2404.04	335.17	-57.06	-46.35	-101.27	-116.17	-80.02	2.64	28.10	47.27	-1.78	12.22	21.18	5.87	0.67
MRBLD1CB42P75_SIN			0.00	98.53	-26.70	155.98	64.05	-60.67	50.61	-41.62	8.04	18.63	-17.27	89.62	17.01	8.37	18.43	-12.36

RUN	POINT		Harmonics															
	48	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3495.40	-1528.67	361.26	-164.79	15.25	-48.74	-65.37	-63.28	7.96	36.15	17.60	4.57	9.60	15.51	6.74	7.29
MRBLD1CB70_SIN			0.00	111.05	-36.92	150.92	284.60	-33.12	76.02	-1.24	8.57	15.79	-13.14	64.18	6.02	-0.33	11.13	-11.72
MRBLD1CB120_COS			-574.07	-594.91	346.49	-147.67	10.45	36.14	30.16	-22.61	-26.58	-12.70	-2.13	7.41	0.74	-4.68	-4.77	2.66
MRBLD1CB120_SIN			0.00	209.12	-98.43	80.42	262.44	32.28	55.73	9.80	-4.67	-9.21	24.98	-33.51	-2.51	-0.20	-0.19	0.13
MRBLD1CB164_COS			-1973.31	-176.44	120.30	-84.47	-40.35	46.13	71.70	9.76	-31.93	-26.42	5.95	6.14	-2.25	-10.07	-7.47	-13.03
MRBLD1CB164_SIN			0.00	113.07	-34.82	31.54	107.44	40.57	13.84	9.85	-11.14	-13.77	25.45	-33.59	0.85	3.92	-1.81	11.70
MRBLD1FB42P75_COS			2665.81	481.01	-162.68	139.59	-309.34	-164.63	-217.89	-234.54	-107.89	-58.13	86.82	35.81	34.11	36.31	33.09	-18.01
MRBLD1FB42P75_SIN			0.00	-11.27	27.45	574.33	-309.57	205.93	121.29	-41.83	45.03	-3.74	-71.92	40.96	-6.43	-14.58	14.42	-28.83
MRBLD1FB70_COS			523.63	7.95	-67.65	5.78	-94.53	-44.94	-41.14	-32.42	-2.91	3.54	2.70	1.70	-1.96	-4.96	-6.17	4.15
MRBLD1FB70_SIN			0.00	-201.25	18.39	177.68	-99.49	39.20	26.56	-7.94	8.69	4.13	0.35	1.84	3.12	3.36	-2.31	7.09
MRBLD1FB87_COS			48.56	36.06	-73.25	-22.25	-49.69	-20.84	3.00	20.20	16.20	11.99	-16.69	-6.92	-4.94	-6.10	-5.96	4.37
MRBLD1FB87_SIN			0.00	-213.03	29.97	114.40	-38.94	9.94	-7.00	-0.23	-10.15	-2.49	13.58	-15.10	1.16	5.39	-1.11	7.61
MRBLD1FB120_COS			-294.36	7.50	-148.85	-30.50	-4.13	20.28	46.52	45.89	5.56	-5.75	-3.20	-1.99	2.37	5.22	7.52	-6.16
MRBLD1FB120_SIN			0.00	-255.67	53.30	169.76	59.02	-16.88	-30.84	11.33	-10.43	-3.62	-3.35	6.76	-4.29	-8.45	1.32	-11.89
MRBLD1FB164_COS			-170.00	100.48	-222.07	71.85	221.60	99.18	-23.22	-66.63	-22.46	6.44	3.47	2.30	-5.26	-4.79	-2.65	4.31
MRBLD1FB164_SIN			0.00	-445.35	57.38	250.85	197.40	-58.00	16.18	-17.87	16.42	5.74	3.52	-18.54	2.43	10.20	2.33	4.05

RUN	POINT		Harmonics															
	48	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-287.50	32.19	-113.64	15.12	170.09	85.68	-64.34	-78.80	17.66	32.44	-35.03	-17.23	-4.48	2.33	6.38	-8.89
MRBLD1FB180_SIN			0.00	-348.55	51.00	119.79	102.90	-39.22	24.49	-5.64	1.30	-20.35	21.30	-22.14	-0.49	-7.93	-0.15	-13.82
MRBLD1TOR51_COS			-1692.63	111.15	87.15	14.86	-39.22	-32.86	-47.00	-45.38	-0.25	10.85	-2.12	-2.32	-2.53	2.67	4.79	4.25
MRBLD1TOR51_SIN			0.00	-280.45	45.70	97.14	-6.63	-2.58	40.04	14.49	-0.35	-8.06	-3.24	-4.08	-1.12	-1.40	0.40	-4.99
MRBLD1TOR71_COS			-534.53	137.47	65.05	16.85	-26.11	-19.15	-30.20	-32.42	2.75	8.86	-5.78	-3.24	-2.44	1.18	2.98	2.79
MRBLD1TOR71_SIN			0.00	-270.90	38.11	59.70	-2.33	-5.39	34.57	21.08	1.84	-5.79	0.24	-5.75	-0.56	-0.56	-0.32	-3.20
MRBLD1TOR130_COS			-302.95	120.06	79.90	24.83	-10.56	-7.83	-18.64	-26.04	-4.26	0.03	7.30	-4.74	1.65	0.30	-2.43	-2.89
MRBLD1TOR130_SIN			0.00	-267.18	25.98	36.94	19.84	-6.97	27.16	14.43	2.34	-5.64	4.31	5.65	2.69	1.76	-0.24	1.52
MRBLD1TOR164_COS			-426.15	68.99	78.48	13.14	-18.61	-27.36	-18.34	-5.79	6.42	0.88	-3.34	-1.46	3.32	0.78	-3.68	-1.98
MRBLD1TOR164_SIN			0.00	-159.07	7.37	-19.21	-20.84	-0.13	12.99	11.42	0.16	-4.13	2.60	0.51	0.00	0.94	1.75	-0.64
MRFBM1CB26P5_COS			-2791.86	-1230.94	122.97	48.77	-19.90	-10.90	-14.28	-8.14	-3.12	-3.96	8.66	-1.78	0.75	1.45	0.15	-0.27
MRFBM1CB26P5_SIN			0.00	-183.51	30.94	5.96	-43.74	-26.38	-6.77	-13.58	-1.35	-2.20	-0.98	0.79	0.79	1.12	1.79	-1.41
MRFBM1FB9_COS			364.54	404.35	-34.64	29.73	26.49	27.73	19.35	8.02	4.26	0.47	-3.74	1.39	-0.42	-0.49	0.47	-1.05
MRFBM1FB9_SIN			0.00	124.94	4.42	-169.77	37.65	-6.50	-0.67	10.95	2.27	0.74	-0.99	-2.54	-1.29	-1.23	-1.17	0.50
MRFBM1TOR26P5_COS			-245.66	91.27	1.40	0.15	-0.18	-0.30	-0.71	-0.14	0.12	0.38	-0.22	0.18	-0.10	-0.01	0.08	0.04
MRFBM1TOR26P5_SIN			0.00	-143.84	1.38	0.19	0.59	-0.24	0.91	0.03	0.09	0.16	-0.17	-0.18	-0.05	-0.05	0.01	0.02

RUN	POINT		Harmonics															
	48	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-745.72	-2028.63	247.45	23.26	-72.20	-89.97	-88.45	-67.09	-10.38	7.90	43.26	2.72	12.44	18.01	4.64	0.74
MRPC1CB33P25_SIN			0.00	235.86	-48.51	117.46	-55.36	-24.08	27.74	-48.21	-4.42	0.58	-12.79	56.15	12.69	5.21	15.47	-12.42
MRPC1FB33P25_COS			1936.03	386.41	-179.11	28.90	-177.17	-188.34	-218.74	-166.29	-99.78	-42.18	104.74	-3.36	27.33	35.41	7.25	15.60
MRPC1FB33P25_SIN			0.00	159.50	-16.55	495.45	-309.09	123.39	19.70	-129.74	-16.80	-33.73	-2.82	54.90	16.96	17.41	37.97	-32.98
MRPC1TOR25P5_COS			-328.53	-45.69	-146.03	-0.39	47.31	30.93	42.71	39.35	-3.51	-14.82	12.33	-1.48	7.16	2.24	-6.82	-5.05
MRPC1TOR25P5_SIN			0.00	197.20	-75.92	-106.77	8.42	8.87	-38.34	-19.03	-2.81	5.69	7.52	14.04	2.63	4.38	3.60	2.47
MRPLK1LOAD_COS			-6.67	-7.14	-14.28	-2.57	5.58	4.59	6.80	6.44	-0.41	-2.38	1.82	-1.12	1.23	0.17	-1.32	-0.80
MRPLK1LOAD_SIN			0.00	14.79	-8.28	-12.65	-0.07	1.64	-6.33	-2.40	-0.16	0.35	1.49	1.92	0.72	0.73	0.19	0.42
PITCHRH_COS			3576.15	-8762.53	-271.25	143.52	-48.91	-1886.43	87.09	88.28	-1.55	-18.90	-142.46	-2.57	37.69	-43.14	-23.36	7.07
PITCHRH_SIN			0.00	1123.35	-872.85	-33.96	-82.44	-824.46	-172.68	163.45	63.86	22.33	-33.68	-51.48	37.45	7.51	-1.40	45.14
ROLLRH_COS			56.16	-999.43	930.10	31.02	-46.99	1150.00	39.76	-40.56	-211.10	26.46	306.63	52.09	-24.03	46.77	-48.15	-76.80
ROLLRH_SIN			0.00	-8712.04	-252.92	92.55	-8.87	-149.05	-128.11	-40.13	-439.55	-2.83	-31.20	-15.62	68.14	-5.61	6.11	222.06
TORQ_COS			65086.42	82.46	7.70	68.09	0.90	147.53	-0.97	29.34	-5.25	-3.12	-17.80	0.91	6.41	-1.24	-3.32	1.30
TORQ_SIN			0.00	826.20	-12.41	40.07	-108.72	224.01	8.86	34.80	-8.81	-5.52	1.61	10.24	-5.49	8.23	-4.07	-6.52
THRUST_COS			5497.79	18.26	9.09	16.33	-1.46	81.61	1.25	21.67	-1.38	-1.60	-27.82	-4.25	2.80	2.53	-1.03	-12.45
THRUST_SIN			0.00	-130.20	-14.35	-7.67	20.12	-61.53	6.27	4.77	1.05	-4.43	32.71	4.91	-0.70	1.09	-3.11	-1.22

RUN	POINT		Harmonics															
	48	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.00	35.98	-23.18	1.75	15.68	-65.49	-4.32	0.55	6.92	0.34	-15.11	-2.91	0.96	-1.43	1.68	1.51
SIDERH_SIN			0.00	223.81	7.58	-0.35	-27.60	18.63	2.72	0.67	10.82	1.27	0.90	0.80	-2.46	0.34	-0.10	-6.79
DRAGRH_COS			-245.52	237.54	15.49	1.24	-4.21	107.47	-10.68	-3.48	-4.96	-0.01	14.18	1.27	-4.40	2.09	1.05	0.75
DRAGRH_SIN			0.00	-41.09	7.97	-2.89	1.21	-134.49	6.59	0.61	-3.46	0.14	1.15	3.93	-0.50	-1.43	-0.03	-1.20

RUN	POINT		Harmonics															
	48	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.42	-0.08	-0.10	-0.04	-0.03	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.31	-0.01	-0.02	-0.03	-0.03	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.81	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.32	-1.24	-3.42	-1.79	-1.20	0.26	0.31	0.53	0.28	-0.11	-0.03	-0.09	0.13	0.03	0.03	0.05
ACT1FORCE_SIN			0.00	11.18	-0.22	-0.17	-0.09	-0.69	-0.01	-0.43	0.25	0.09	0.12	0.01	-0.02	-0.07	-0.05	0.01
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			151.37	-0.12	0.02	0.04	0.03	0.05	0.00	0.00	-0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.02	-0.05	-0.03	-0.04	0.00	0.01	0.03	0.02	0.00	0.01	-0.01	0.00	0.01	0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			654.87	0.13	-0.01	-0.02	-0.03	-0.04	-0.01	-0.01	0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.01
FA1OBVOLTAGE_SIN			0.00	0.03	0.06	0.03	0.03	-0.01	0.00	-0.02	-0.01	0.00	-0.01	0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-2067.16	-1319.60	339.62	-3.01	-114.36	-118.62	-82.00	-132.60	14.50	39.80	34.57	74.91	37.12	15.61	-6.01	1.64
MRBLD1CB42P75_SIN			0.00	739.73	52.87	92.87	124.72	-50.09	27.67	110.30	-32.53	-10.61	46.91	64.76	38.01	20.38	-4.10	4.87

RUN	POINT		Harmonics															
	48	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3515.01	-810.86	402.23	-115.53	-116.75	-66.79	-118.28	-77.68	19.63	38.24	28.76	59.29	23.24	10.43	0.08	8.61
MRBLD1CB70_SIN			0.00	573.78	10.41	122.60	335.26	-17.59	116.23	107.77	-15.02	-9.50	-3.39	45.60	14.11	9.15	0.70	7.55
MRBLD1CB120_COS			-467.44	-307.52	414.44	-120.99	-93.62	8.06	-104.41	-34.62	-34.29	-3.59	5.74	-23.08	-7.70	-5.60	-0.68	1.10
MRBLD1CB120_SIN			0.00	447.57	-96.95	56.10	375.10	10.15	133.43	59.48	-3.16	23.81	-5.54	-24.54	-13.55	-2.94	2.66	2.53
MRBLD1CB164_COS			-1994.21	-106.75	138.45	-76.99	-79.80	36.68	-4.71	28.06	-38.06	-21.74	-2.29	-23.24	-6.74	-7.68	-7.38	-9.76
MRBLD1CB164_SIN			0.00	187.65	-42.70	-4.45	169.11	40.20	44.40	-25.80	7.76	24.15	18.39	-29.61	-6.40	-2.40	3.70	-0.35
MRBLD1FB42P75_COS			2783.03	153.55	-211.98	145.48	-125.27	-211.45	-153.76	-255.07	-141.22	7.74	101.95	59.61	75.92	39.21	-14.44	10.93
MRBLD1FB42P75_SIN			0.00	-95.98	25.86	379.60	152.43	106.49	80.52	356.13	-27.96	-12.71	51.93	-12.65	-0.78	0.86	-4.10	-7.05
MRBLD1FB70_COS			539.85	-12.35	-95.12	18.86	-53.89	-58.41	-28.69	-33.35	-7.71	8.33	4.45	0.35	-5.05	-5.06	2.80	-2.17
MRBLD1FB70_SIN			0.00	-190.10	20.53	111.64	45.20	10.81	15.70	66.54	-2.51	1.37	2.69	2.48	1.82	0.92	1.25	1.58
MRBLD1FB87_COS			35.46	12.89	-95.57	-8.96	-34.17	-25.73	0.73	24.83	19.06	1.80	-19.02	-14.79	-15.49	-6.61	4.90	-0.90
MRBLD1FB87_SIN			0.00	-221.39	29.43	78.62	24.18	1.76	-10.47	-33.77	-0.82	-3.09	-15.34	0.85	-0.45	1.90	3.53	4.27
MRBLD1FB120_COS			-378.77	-1.01	-182.91	-22.46	2.63	34.53	30.20	47.23	17.08	-14.76	-7.52	5.13	10.73	4.25	-7.77	1.92
MRBLD1FB120_SIN			0.00	-300.81	64.44	137.17	31.19	2.10	-17.90	-94.65	3.24	2.58	1.95	-3.30	-1.03	-3.54	-6.20	-5.89
MRBLD1FB164_COS			90.40	9.00	-204.11	56.76	132.45	66.53	-1.70	-91.01	-35.99	20.19	14.02	-7.50	-22.27	-5.43	12.34	4.28
MRBLD1FB164_SIN			0.00	-360.31	73.68	299.76	8.52	-67.12	16.52	130.74	-11.69	-3.05	-10.45	-1.89	-1.37	0.75	3.16	4.98

RUN	POINT		Harmonics															
	48	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-7.84	-30.32	-105.52	28.09	123.34	19.27	-56.69	-67.11	16.69	15.53	-43.66	-29.41	-13.85	-1.12	-11.22	1.83
MRBLD1FB180_SIN			0.00	-242.66	46.35	155.31	26.13	-51.75	-16.93	132.24	2.65	-30.66	-49.52	3.84	-0.69	-8.10	-7.17	-4.72
MRBLD1TOR51_COS			-1274.44	91.33	35.26	1.80	-21.51	-28.83	-57.96	-30.15	14.50	10.53	-3.04	-5.27	-1.16	2.28	1.85	3.89
MRBLD1TOR51_SIN			0.00	-5.64	52.27	47.82	9.04	29.42	22.08	79.98	4.83	-1.93	-16.47	-5.97	-2.47	1.08	-5.22	-4.69
MRBLD1TOR71_COS			-143.06	104.96	15.43	2.53	-9.09	-14.04	-41.10	-10.68	15.60	6.62	-5.23	-8.08	-2.88	1.33	1.01	2.44
MRBLD1TOR71_SIN			0.00	-17.23	40.54	22.37	-5.21	27.77	19.75	65.41	10.65	0.78	-15.93	-5.16	-3.99	0.30	-3.12	-3.44
MRBLD1TOR130_COS			99.85	94.14	34.00	5.24	2.70	-2.55	-24.98	-16.65	4.10	4.26	-0.25	0.53	1.66	-0.02	-3.02	-3.36
MRBLD1TOR130_SIN			0.00	-4.48	30.81	11.79	-7.20	24.36	19.55	54.11	2.51	4.16	5.97	6.26	2.86	1.64	2.37	1.56
MRBLD1TOR164_COS			-142.39	64.56	49.05	6.56	-14.75	-23.75	-16.48	6.37	7.48	-1.36	-1.11	1.09	0.32	-0.39	-2.51	-1.84
MRBLD1TOR164_SIN			0.00	26.63	6.92	-29.82	-6.32	9.66	9.94	26.44	3.00	-3.50	-2.92	5.18	0.06	-2.05	0.91	4.34
MRFBM1CB26P5_COS			-2818.71	-613.04	108.31	58.79	-1.33	-18.34	6.75	-19.06	-3.54	-1.11	0.49	0.17	2.43	1.25	-0.95	-0.82
MRFBM1CB26P5_SIN			0.00	232.92	50.57	-15.79	-55.64	-19.50	-21.90	0.32	-7.59	-0.52	14.07	-0.14	3.89	1.58	-1.85	-0.89
MRFBM1FB9_COS			511.53	-175.39	-1.23	11.86	29.45	25.41	17.42	23.31	2.22	-1.60	-0.71	-1.48	-0.66	-0.14	0.02	-0.11
MRFBM1FB9_SIN			0.00	9.97	-7.82	-123.14	-21.09	3.02	4.55	-5.12	5.27	-0.39	-3.46	-2.98	-2.87	-1.57	0.31	-0.57
MRFBM1TOR26P5_COS			-242.14	88.51	0.60	0.21	-0.06	-0.17	-0.98	-0.09	0.23	0.23	-0.03	-0.03	-0.05	-0.02	0.10	0.08
MRFBM1TOR26P5_SIN			0.00	-142.91	0.86	-0.17	0.37	0.00	0.11	0.53	0.13	-0.09	-0.35	-0.30	0.02	0.01	-0.05	-0.06

RUN	POINT		Harmonics															
	48	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-694.33	-1157.57	263.29	56.85	-74.42	-106.51	-51.22	-122.21	-12.55	21.28	28.43	49.05	31.40	13.17	-6.52	1.05
MRPC1CB33P25_SIN			0.00	686.30	41.20	50.86	15.85	-32.82	-5.47	79.19	-42.52	-9.26	50.91	36.12	28.92	16.53	-4.84	3.75
MRPC1FB33P25_COS			2027.04	105.88	-211.00	71.50	-136.02	-199.28	-153.05	-341.31	-94.21	11.05	45.05	52.85	51.30	25.15	-5.55	11.72
MRPC1FB33P25_SIN			0.00	58.24	-30.57	337.22	116.72	27.06	12.14	173.31	-87.77	-8.24	96.93	32.14	51.53	31.72	-12.18	6.53
MRPC1TOR25P5_COS			-767.81	-24.66	-82.71	26.54	13.89	28.08	56.72	15.01	-17.48	-12.53	7.92	13.16	5.98	0.05	-4.78	-5.10
MRPC1TOR25P5_SIN			0.00	-91.92	-98.15	-47.90	8.50	-31.61	-15.07	-82.65	-11.83	2.60	27.08	17.05	6.59	1.11	6.91	8.05
MRPLK1LOAD_COS			-63.21	-2.20	-7.53	-0.42	1.59	4.17	9.00	3.69	-2.44	-2.01	0.86	1.24	0.75	0.01	-1.09	-1.11
MRPLK1LOAD_SIN			0.00	-21.28	-9.58	-6.13	-1.05	-3.10	-3.05	-11.72	-1.18	0.38	3.95	3.04	0.68	0.05	1.26	1.34
PITCHRH_COS			13830.93	-9012.69	-938.40	71.77	-57.11	21.91	7.97	-24.91	-53.51	-79.04	174.06	13.34	39.66	-31.64	-1.21	-75.94
PITCHRH_SIN			0.00	1128.43	-399.35	133.02	-49.72	-39.04	-182.11	128.41	-67.27	-37.07	-121.96	14.33	0.84	2.09	-23.20	-87.18
ROLLRH_COS			2287.59	-958.73	367.82	-49.37	6.38	-896.93	101.35	-18.09	-13.02	93.39	303.82	-8.39	27.97	1.80	-47.17	72.22
ROLLRH_SIN			0.00	-8919.69	-1011.21	177.84	-43.94	754.13	-59.95	-55.78	-367.53	-99.55	-80.53	-19.43	14.14	25.96	2.15	123.33
TORQ_COS			66042.20	287.95	23.63	37.71	-20.52	145.94	6.53	46.72	-9.48	1.58	-4.73	3.39	2.92	-3.11	1.67	2.14
TORQ_SIN			0.00	699.12	1.78	22.12	-75.90	101.51	13.09	8.31	-0.72	-4.52	-63.11	10.55	-7.80	6.70	-3.27	-5.14
THRUST_COS			5944.46	-37.84	-18.93	18.93	10.77	81.75	0.75	30.19	2.49	1.64	-32.04	3.75	-1.83	0.90	1.08	-18.80
THRUST_SIN			0.00	-110.28	2.39	-2.83	25.28	-33.58	7.62	-4.13	-1.76	1.89	-6.53	1.78	-0.85	1.64	-7.55	-16.72

RUN	POINT		Harmonics															
	48	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-178.18	39.81	-1.21	-0.88	0.36	5.05	-2.95	-0.55	0.38	-3.95	-16.11	0.19	-0.82	-0.21	1.56	-1.66
SIDERH_SIN			0.00	238.03	20.75	3.99	2.99	-144.44	0.40	-0.32	10.70	5.47	5.86	0.67	-0.95	-0.66	-0.03	-3.16
DRAGRH_COS			-130.48	235.65	7.24	-3.75	7.84	96.16	-14.44	-3.88	0.28	2.98	-5.81	1.05	-2.18	1.58	-0.06	5.00
DRAGRH_SIN			0.00	-42.21	-0.31	-0.82	6.57	148.34	17.88	-0.78	-3.46	4.23	2.38	0.18	2.46	-1.25	0.93	2.70

RUN	POINT		Harmonics															
	48	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.16	1.03	-0.19	-0.05	-0.03	-0.03	-0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.94	0.04	-0.13	-0.01	0.01	-0.01	0.00	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	-0.11	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.11	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.27	-1.30	-6.09	-1.48	-0.89	-0.62	-0.21	0.40	0.17	0.07	0.11	-0.03	0.00	0.03	-0.07	-0.02
ACT1FORCE_SIN			0.00	20.93	1.69	-2.15	0.75	0.51	-0.72	-0.12	0.26	0.06	0.11	0.09	0.04	0.08	0.08	0.07
FA1IBCURRENT_COS			-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.78	250.72	-0.04	0.24	0.02	0.00	0.03	-0.01	-0.03	0.01	0.02	-0.02	0.00	-0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	7.67	-0.24	-0.01	-0.05	-0.07	-0.02	0.04	0.01	0.03	0.01	-0.02	-0.01	0.01	-0.01	0.01
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.01	-251.22	0.12	-0.23	-0.03	0.00	-0.03	0.00	0.04	-0.01	-0.01	0.02	0.01	0.01	0.02	0.01
FA1OBVOLTAGE_SIN			0.00	-7.51	0.07	0.01	0.05	0.06	0.02	-0.03	-0.01	-0.02	-0.02	0.02	0.00	-0.01	0.01	-0.01
MRBLD1CB42P75_COS			-2096.40	-1966.48	367.50	-59.47	-72.38	-87.40	-94.04	-111.70	9.22	30.89	53.06	19.88	20.49	18.24	-3.38	3.22
MRBLD1CB42P75_SIN			0.00	513.27	-14.18	142.77	100.47	-71.95	54.92	-26.43	-9.44	6.13	-10.69	72.21	19.28	13.10	11.29	-5.54

RUN	POINT		Harmonics															
	48	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3490.44	-1257.53	396.97	-172.89	-46.12	-46.93	-63.40	-70.83	15.33	36.22	21.10	20.58	13.86	15.17	1.09	10.53
MRBLD1CB70_SIN			0.00	383.73	-10.05	132.94	324.78	-78.17	111.29	13.75	-4.24	5.19	-17.75	52.21	6.19	5.16	8.28	-3.00
MRBLD1CB120_COS			-520.31	-525.14	390.96	-158.88	-32.61	24.03	1.84	-21.15	-24.24	-5.73	-4.80	-0.21	-0.88	-3.36	-2.91	2.78
MRBLD1CB120_SIN			0.00	308.67	-79.18	62.16	312.33	-36.49	103.47	20.94	0.30	0.82	24.01	-23.71	-3.67	0.30	0.08	1.28
MRBLD1CB164_COS			-1985.73	-142.44	126.87	-91.46	-51.94	38.71	45.83	22.33	-33.58	-21.23	3.86	-2.62	-2.44	-9.17	-3.81	-12.36
MRBLD1CB164_SIN			0.00	150.70	-25.00	11.94	134.51	11.54	31.05	9.28	0.12	-2.13	31.82	-26.55	1.26	1.13	0.18	5.43
MRBLD1FB42P75_COS			2705.83	328.09	-163.00	105.58	-196.64	-144.98	-166.01	-292.61	-102.87	-32.02	104.62	43.77	45.47	34.88	7.24	-7.44
MRBLD1FB42P75_SIN			0.00	-82.33	-37.70	513.92	-180.43	178.40	112.90	34.39	26.92	-16.53	-48.98	24.80	-7.48	-5.74	19.38	-21.61
MRBLD1FB70_COS			526.56	1.53	-72.00	-2.81	-65.82	-40.81	-29.72	-42.50	-3.10	4.88	2.94	1.03	-2.88	-4.62	-0.85	1.80
MRBLD1FB70_SIN			0.00	-190.41	-3.16	156.50	-55.88	28.53	24.44	6.50	5.02	2.38	0.37	1.69	2.80	1.60	-3.53	4.93
MRBLD1FB87_COS			40.68	34.11	-81.30	-26.30	-38.52	-21.74	1.99	27.06	15.57	8.28	-20.11	-8.77	-7.70	-6.16	-0.56	2.18
MRBLD1FB87_SIN			0.00	-207.69	18.79	100.69	-18.54	6.47	-8.35	-6.21	-7.38	-0.32	9.05	-9.37	2.22	4.13	-1.60	7.16
MRBLD1FB120_COS			-337.89	37.88	-170.65	-38.73	-3.26	17.54	34.53	60.02	8.62	-8.74	-3.21	-0.49	4.30	4.75	-0.71	-3.28
MRBLD1FB120_SIN			0.00	-253.64	51.73	150.71	53.94	-12.28	-26.94	-10.27	-7.30	-0.81	-3.53	2.18	-4.34	-6.92	1.40	-10.24
MRBLD1FB164_COS			-28.37	-32.12	-172.45	57.72	152.35	80.23	-13.46	-95.74	-21.48	11.43	4.34	0.33	-9.30	-5.12	3.17	4.39
MRBLD1FB164_SIN			0.00	-413.26	-8.63	279.49	123.68	-57.84	19.40	10.63	8.30	4.38	-0.45	-12.75	4.31	6.69	-0.75	4.28

RUN	POINT		Harmonics															
	48	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-135.56	-95.81	-77.17	18.79	132.73	55.21	-54.43	-86.40	17.57	25.13	-39.28	-18.43	-7.42	1.13	-3.01	-5.03
MRBLD1FB180_SIN			0.00	-316.66	-7.14	141.83	69.80	-41.03	11.11	22.32	1.81	-20.61	10.23	-12.64	-2.37	-7.30	2.28	-11.97
MRBLD1TOR51_COS			-1484.52	-20.73	116.76	9.05	-29.03	-16.11	-41.36	-49.90	5.18	11.22	-4.07	-1.98	-1.27	3.09	1.64	3.67
MRBLD1TOR51_SIN			0.00	-216.39	-5.08	102.90	-9.03	14.39	41.09	20.74	2.91	-6.35	-6.18	-3.95	-1.51	-0.25	-0.57	-5.20
MRBLD1TOR71_COS			-339.21	7.10	91.21	12.86	-17.79	-4.60	-26.83	-32.90	7.13	8.36	-8.00	-2.75	-2.09	1.98	1.26	2.39
MRBLD1TOR71_SIN			0.00	-213.94	-9.65	68.67	-10.45	11.84	35.09	24.50	5.71	-3.31	-4.21	-4.29	-1.94	-0.53	-0.63	-3.16
MRBLD1TOR130_COS			-101.69	-12.91	106.45	20.06	-6.39	3.97	-15.44	-29.40	-0.83	1.89	4.94	-1.04	0.98	0.43	-1.64	-2.97
MRBLD1TOR130_SIN			0.00	-207.41	-18.90	48.61	4.97	7.52	28.91	17.43	3.75	-2.23	3.44	6.89	1.93	1.09	0.76	2.40
MRBLD1TOR164_COS			-284.00	-19.59	92.35	15.96	-15.05	-16.59	-12.92	-4.46	7.05	-0.17	-3.57	0.86	1.74	-0.03	-2.91	-1.23
MRBLD1TOR164_SIN			0.00	-121.17	-18.09	-8.44	-18.27	4.35	16.55	12.49	1.19	-2.09	0.30	2.47	-0.36	-0.28	0.61	1.26
MRFBM1CB26P5_COS			-2821.12	-966.99	130.43	53.26	-12.50	-9.66	-9.57	-15.58	-2.57	-3.00	9.13	-1.25	1.46	0.77	-1.21	-0.72
MRFBM1CB26P5_SIN			0.00	86.90	23.91	6.33	-50.01	-13.12	-13.49	-13.60	-2.85	-1.91	3.20	0.58	1.52	1.11	0.31	-1.46
MRFBM1FB9_COS			408.71	132.62	-44.07	33.06	20.60	24.96	17.42	12.67	3.24	-0.68	-3.52	0.38	-0.66	-0.38	0.63	-0.79
MRFBM1FB9_SIN			0.00	12.52	39.46	-151.40	18.37	-4.49	-1.30	9.43	2.66	0.39	-1.84	-2.55	-1.71	-1.34	-0.43	0.05
MRFBM1TOR26P5_COS			-243.71	88.68	1.38	0.13	-0.01	-0.13	-0.56	-0.26	0.10	0.32	-0.15	0.02	-0.03	-0.03	0.08	0.05
MRFBM1TOR26P5_SIN			0.00	-144.32	0.37	0.12	0.36	-0.03	0.59	0.20	0.05	-0.01	-0.12	-0.31	0.02	0.00	-0.01	-0.05

RUN	POINT		Harmonics															
	48	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-737.87	-1680.45	279.30	20.43	-63.93	-76.83	-75.17	-101.30	-8.00	11.87	48.87	14.21	19.04	14.65	-4.83	2.50
MRPC1CB33P25_SIN			0.00	540.49	-38.48	110.18	-26.14	-27.28	22.18	-35.12	-15.93	-5.36	-1.24	45.82	14.19	10.32	8.45	-6.11
MRPC1FB33P25_COS			1964.91	262.74	-169.05	11.55	-115.79	-165.79	-174.47	-242.72	-89.01	-17.07	105.07	14.54	35.74	26.95	-12.66	15.19
MRPC1FB33P25_SIN			0.00	85.16	-71.33	440.01	-174.52	103.09	32.34	-92.49	-28.55	-31.24	23.48	47.59	25.14	23.48	19.26	-17.99
MRPC1TOR25P5_COS			-547.34	93.83	-172.59	9.57	31.28	13.69	38.01	40.93	-7.81	-14.76	13.22	4.35	5.04	0.93	-4.28	-4.42
MRPC1TOR25P5_SIN			0.00	129.97	-29.16	-109.89	18.82	-13.24	-36.73	-26.73	-6.91	6.25	9.51	15.16	3.19	2.30	3.70	6.15
MRPLK1LOAD_COS			-34.58	11.73	-18.33	-1.85	3.60	2.28	5.85	7.12	-1.03	-2.38	1.63	0.19	0.68	0.09	-0.79	-0.81
MRPLK1LOAD_SIN			0.00	6.92	-1.44	-13.66	1.03	-0.94	-6.08	-3.66	-0.53	0.74	1.46	2.60	0.45	0.17	0.41	1.19
PITCHRH_COS			7987.94	-8958.49	-521.39	52.56	-71.65	-1021.45	-61.22	48.75	50.67	-56.69	-7.01	5.68	41.24	-36.65	-3.29	-69.94
PITCHRH_SIN			0.00	1060.51	-704.17	49.92	-9.24	-699.54	-10.15	158.60	86.44	12.36	-113.19	-44.70	22.64	25.31	-9.30	5.51
ROLLRH_COS			2704.20	-979.23	795.44	10.28	3.86	660.41	-7.18	-68.69	-166.93	2.17	306.71	31.11	-21.50	17.04	-46.93	-6.12
ROLLRH_SIN			0.00	-8874.45	-628.85	99.81	18.62	417.09	-152.33	-51.37	-314.29	-83.47	-53.74	-17.81	63.49	16.34	-10.47	88.33
TORQ_COS			65110.35	207.93	6.39	63.65	5.80	113.97	2.30	58.37	-6.95	-1.06	-26.71	1.77	3.63	0.79	-1.37	3.04
TORQ_SIN			0.00	798.47	-17.36	0.37	-125.29	172.44	7.04	35.94	-5.02	-6.37	-15.31	10.95	-5.87	6.98	-3.41	-5.05
THRUST_COS			5642.69	-20.42	6.42	12.54	1.00	74.95	3.42	40.53	-1.26	0.84	-40.79	2.79	0.54	2.63	0.86	-17.07
THRUST_SIN			0.00	-133.42	-14.96	-9.78	31.01	-54.50	9.22	-1.14	-2.72	-1.01	13.82	3.26	-0.62	-0.65	-5.65	-3.17

RUN	POINT		Harmonics															
	48	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-165.95	35.11	-18.28	-0.27	-9.04	-61.99	3.60	0.23	5.08	0.57	-14.83	-2.21	0.90	-0.74	1.39	0.09
SIDERH_SIN			0.00	234.89	17.73	0.65	-19.40	-49.82	11.62	-0.36	7.59	4.14	3.65	-0.02	-2.52	-0.53	0.30	-2.93
DRAGRH_COS			-197.99	238.34	13.17	-1.33	5.94	131.05	8.28	-6.88	-6.92	1.92	5.63	0.42	-4.42	1.35	0.15	3.92
DRAGRH_SIN			0.00	-41.12	4.05	-0.62	3.30	-19.82	3.27	-2.73	-1.81	0.97	5.53	4.04	0.61	-2.27	0.40	0.53

RUN	POINT		Harmonics															
	48	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.20	-1.24	-0.13	-0.03	0.01	0.01	0.01	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.03	-0.02	-0.05	-0.01	0.00	-0.01	0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.68	-2.20	-4.05	-1.67	-0.13	0.17	0.41	0.58	-0.06	-0.16	-0.08	-0.07	0.04	0.12	0.04	0.07
ACT1FORCE_SIN			0.00	9.69	-0.78	-1.15	-0.10	0.06	-0.24	0.01	0.16	0.26	-0.16	-0.05	0.04	-0.07	-0.12	-0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.66	-251.05	0.14	-0.04	-0.01	-0.02	0.02	0.00	-0.03	-0.04	0.03	-0.01	-0.02	0.00	0.02	0.01
FA1IBVOLTAGE_SIN			0.00	-8.16	-0.19	-0.03	0.03	0.01	0.03	0.05	0.00	-0.04	-0.03	0.01	0.00	0.01	0.01	0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.15	251.54	-0.08	0.05	0.01	0.02	-0.02	0.01	0.04	0.04	-0.02	0.01	0.02	0.00	-0.02	-0.01
FA1OBVOLTAGE_SIN			0.00	8.01	0.00	0.02	-0.03	-0.02	-0.03	-0.04	0.00	0.04	0.02	-0.01	-0.01	-0.01	0.00	-0.02
MRBLD1CB42P75_COS			-2097.36	-1591.81	304.45	2.29	-80.28	-140.15	-104.73	-72.30	-3.30	26.66	41.39	39.30	25.89	16.15	-13.48	5.46
MRBLD1CB42P75_SIN			0.00	491.69	67.82	120.27	125.80	-82.99	26.67	47.52	-1.39	7.96	8.19	83.40	30.69	21.43	11.68	-5.37

RUN	POINT		Harmonics															
	48	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3484.03	-965.91	368.50	-107.83	-46.29	-139.68	-114.54	-46.51	12.95	33.51	15.58	36.67	16.65	13.52	-3.05	12.30
MRBLD1CB70_SIN			0.00	408.73	10.59	147.74	361.12	-95.87	107.47	65.01	6.55	10.01	-24.91	60.58	11.51	10.77	12.66	-1.51
MRBLD1CB120_COS			-531.46	-328.43	385.14	-111.39	-43.45	-69.67	-69.86	-22.56	-21.37	-2.41	3.14	-8.86	-2.94	-4.42	-1.62	4.74
MRBLD1CB120_SIN			0.00	371.35	-94.21	76.89	380.66	-71.12	115.99	31.34	0.78	11.34	18.34	-31.38	-8.30	-2.30	-0.08	2.11
MRBLD1CB164_COS			-1986.30	-128.53	134.31	-69.80	-65.43	4.95	18.43	10.14	-30.38	-19.06	6.18	-12.61	-4.16	-10.13	-4.51	-14.64
MRBLD1CB164_SIN			0.00	160.80	-46.58	14.53	166.14	-0.24	43.07	-15.39	-1.81	8.26	41.89	-35.36	-1.95	-2.28	-2.88	3.11
MRBLD1FB42P75_COS			2761.53	239.85	-223.12	161.95	-256.02	-190.76	-196.49	-188.82	-135.27	-19.39	132.04	48.32	61.61	41.36	-4.93	1.35
MRBLD1FB42P75_SIN			0.00	-53.49	59.24	460.07	7.58	135.94	74.31	144.26	31.99	-5.44	7.68	21.99	1.02	4.75	27.19	-29.78
MRBLD1FB70_COS			539.22	-9.93	-96.36	24.85	-84.29	-56.46	-37.84	-21.55	-6.22	5.37	3.16	1.02	-4.56	-5.36	0.96	-0.64
MRBLD1FB70_SIN			0.00	-194.15	30.57	139.14	1.27	17.12	15.58	27.23	6.66	2.99	0.11	1.79	1.79	0.25	-5.01	6.55
MRBLD1FB87_COS			43.57	11.27	-92.81	-5.60	-44.24	-24.55	3.18	18.95	20.70	7.51	-24.22	-10.51	-11.47	-7.82	2.17	0.35
MRBLD1FB87_SIN			0.00	-220.74	32.12	94.58	5.89	4.35	-8.28	-15.76	-8.74	-3.25	-3.54	-7.98	0.47	1.94	-3.07	8.91
MRBLD1FB120_COS			-340.56	-29.96	-179.75	-15.35	7.32	30.94	41.83	30.60	12.78	-10.94	-5.31	1.58	7.33	5.50	-3.79	0.23
MRBLD1FB120_SIN			0.00	-287.85	54.45	154.58	44.88	-0.31	-15.43	-37.75	-8.92	-0.85	-0.30	0.96	-3.14	-4.24	2.67	-13.51
MRBLD1FB164_COS			-24.71	130.12	-246.17	56.48	188.48	77.21	-18.71	-59.55	-30.70	14.27	9.21	-0.68	-16.31	-7.61	7.19	4.30
MRBLD1FB164_SIN			0.00	-395.14	119.79	288.30	65.89	-67.52	3.51	52.63	6.70	1.46	-4.18	-7.92	2.44	4.47	-0.97	6.71

RUN	POINT		Harmonics															
	48	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-133.44	85.26	-124.60	15.75	148.87	45.65	-70.24	-53.57	21.45	27.74	-51.30	-24.11	-9.98	0.56	-7.48	-0.13
MRBLD1FB180_SIN			0.00	-286.97	92.64	152.10	46.13	-53.36	-10.39	62.17	7.76	-24.87	-18.03	-6.96	0.88	-7.99	2.24	-15.15
MRBLD1TOR51_COS			-1450.61	224.27	28.54	-3.91	-36.70	-24.73	-45.33	-29.91	12.17	12.24	-6.42	-4.81	-1.14	3.06	1.50	5.04
MRBLD1TOR51_SIN			0.00	-81.26	98.92	67.88	-12.41	9.76	23.34	42.23	7.46	1.25	-10.26	-6.01	-1.84	1.21	-2.21	-5.99
MRBLD1TOR71_COS			-308.28	233.34	11.16	-2.97	-21.79	-9.77	-28.05	-17.72	14.56	8.53	-9.49	-6.28	-2.21	1.78	1.26	3.47
MRBLD1TOR71_SIN			0.00	-86.69	83.71	37.49	-20.27	10.41	21.54	37.55	10.04	2.64	-9.12	-6.75	-2.59	-0.34	-1.47	-3.95
MRBLD1TOR130_COS			-70.09	223.86	31.15	1.08	-6.23	-0.76	-14.40	-18.84	2.56	2.28	2.80	-2.00	1.61	0.05	-2.29	-3.38
MRBLD1TOR130_SIN			0.00	-77.26	71.65	22.70	-12.07	8.24	19.01	29.77	4.45	2.19	7.07	6.02	3.06	0.28	1.87	1.95
MRBLD1TOR164_COS			-264.08	152.39	53.45	0.93	-22.21	-24.09	-12.56	0.76	8.92	-0.59	-2.59	0.56	1.64	-0.74	-3.71	-0.33
MRBLD1TOR164_SIN			0.00	-23.28	31.31	-24.69	-19.60	2.80	10.14	17.70	2.54	-3.05	-0.71	3.85	0.80	-2.15	1.18	2.85
MRFBM1CB26P5_COS			-2830.60	-747.56	96.51	58.53	-8.93	-3.76	0.28	-9.84	-6.36	-3.07	7.61	-1.62	1.97	0.41	-2.71	0.19
MRFBM1CB26P5_SIN			0.00	104.11	60.07	-13.59	-54.06	-11.02	-20.43	-6.60	-4.45	-2.36	10.89	0.22	2.75	1.53	-0.81	-1.61
MRFBM1FB9_COS			479.19	-30.44	13.15	13.93	35.88	27.75	18.42	12.93	4.16	-0.43	-2.26	0.16	-0.40	0.05	1.00	-0.85
MRFBM1FB9_SIN			0.00	69.50	-26.63	-145.60	-0.64	2.78	4.51	0.61	3.18	-0.14	-2.84	-3.03	-2.25	-1.62	-0.11	-0.26
MRFBM1TOR26P5_COS			-243.73	91.46	0.40	0.31	-0.36	0.00	-0.96	0.10	0.14	0.38	-0.16	0.05	-0.07	-0.01	0.09	0.03
MRFBM1TOR26P5_SIN			0.00	-142.33	1.61	0.09	0.32	-0.31	0.19	0.25	0.17	0.03	-0.33	-0.28	-0.02	0.06	-0.06	-0.06

RUN	POINT		Harmonics															
	48	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-718.41	-1404.60	232.00	59.47	-77.66	-98.65	-74.60	-67.56	-23.86	9.88	42.73	24.99	23.14	12.90	-14.41	5.81
MRPC1CB33P25_SIN			0.00	483.96	59.42	72.72	-2.91	-36.65	-5.64	20.03	-13.04	-2.55	24.02	50.51	23.72	16.95	8.14	-6.29
MRPC1FB33P25_COS			2013.64	172.65	-226.84	72.10	-208.62	-193.90	-185.56	-204.67	-116.26	-13.07	91.75	20.73	41.00	23.62	-27.03	27.75
MRPC1FB33P25_SIN			0.00	102.38	-6.49	406.04	-29.89	55.93	-8.39	36.22	-38.03	-15.82	80.72	49.13	42.32	35.01	14.67	-14.96
MRPC1TOR25P5_COS			-581.88	-165.77	-80.32	32.04	33.12	19.58	42.55	18.76	-15.78	-16.55	14.40	8.23	5.54	-0.22	-6.27	-4.00
MRPC1TOR25P5_SIN			0.00	-11.99	-145.01	-69.97	28.67	-10.16	-18.51	-44.41	-13.64	-1.14	18.53	17.25	5.88	-0.07	6.47	7.14
MRPLK1LOAD_COS			-39.51	-20.95	-6.75	0.36	4.37	3.05	7.09	3.59	-2.02	-2.80	1.93	0.47	0.79	-0.13	-1.14	-0.69
MRPLK1LOAD_SIN			0.00	-11.22	-16.09	-8.66	1.55	-0.19	-3.21	-6.19	-1.59	-0.38	2.99	2.77	0.86	-0.41	1.07	1.29
PITCHRH_COS			11414.59	-9010.22	-856.07	85.06	-70.63	-975.36	21.08	-87.75	-98.42	-49.76	-20.08	23.17	28.12	-39.10	-10.46	-72.33
PITCHRH_SIN			0.00	1013.61	-385.21	156.61	-104.02	-162.78	73.53	96.71	-12.68	-63.43	-79.92	-20.37	-10.04	13.62	-24.98	-9.00
ROLLRH_COS			650.44	-884.24	327.33	-41.32	-46.67	-500.28	-15.51	20.13	-81.59	117.64	310.65	4.04	24.38	-12.11	-43.71	-47.19
ROLLRH_SIN			0.00	-8979.40	-1002.73	153.80	-126.31	121.55	-197.08	-69.43	-463.13	-131.15	-39.73	-31.85	23.85	31.97	-7.64	130.74
TORQ_COS			65664.80	198.21	19.17	13.14	-42.69	147.29	0.41	23.32	1.35	2.56	-29.52	1.94	1.48	0.02	1.58	1.32
TORQ_SIN			0.00	824.15	-4.12	37.07	-144.73	128.07	12.31	25.90	-6.03	-3.34	-42.22	11.24	-6.28	7.20	-1.77	-2.75
THRUST_COS			5850.10	-22.66	-9.79	12.73	9.58	83.68	8.01	19.92	-1.12	-0.81	-38.19	-2.44	2.77	1.28	0.70	-16.64
THRUST_SIN			0.00	-154.79	8.73	1.95	32.81	-42.86	11.88	9.34	-5.03	1.84	2.36	1.81	2.27	-1.11	-7.66	-9.25

RUN	POINT		Harmonics															
	48	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-182.53	41.47	-0.63	0.01	31.16	4.77	10.95	-1.68	2.19	-5.48	-16.32	-0.77	-0.81	0.17	1.27	1.58
SIDERH_SIN			0.00	238.13	20.13	2.58	-1.82	-96.38	13.48	-0.67	12.02	6.86	2.45	1.11	-1.47	-1.08	0.27	-3.90
DRAGRH_COS			-161.41	236.37	5.03	-0.29	3.61	105.58	-4.44	-4.35	-1.22	-1.03	4.05	0.61	-2.20	1.48	0.04	4.31
DRAGRH_SIN			0.00	-43.59	0.58	-2.87	-3.16	37.76	-6.45	-1.77	-6.76	5.95	3.09	1.57	4.08	-1.71	0.92	-0.57

RUN	POINT		Harmonics															
	48	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.41	-0.54	-0.23	-0.11	-0.04	-0.02	0.00	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	1.73	-0.02	0.00	-0.04	-0.01	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.60	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.94	-6.27	-5.77	-2.87	-1.25	-0.37	0.48	0.55	0.31	0.00	-0.05	-0.14	0.10	0.02	0.07	0.04
ACT1FORCE_SIN			0.00	16.45	-0.08	0.74	-0.48	0.25	-0.33	0.12	-0.03	0.21	0.06	0.06	0.15	-0.02	0.00	0.06
FA1IBCURRENT_COS			-0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.74	-7.79	0.03	0.05	0.08	0.02	0.04	-0.01	-0.03	-0.05	0.00	0.01	0.00	0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	250.82	-0.11	-0.23	-0.04	-0.02	0.02	0.02	0.03	0.01	0.00	-0.03	0.01	0.00	0.01	0.03
FA1OBCURRENT_COS			0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	7.76	-0.09	-0.04	-0.08	-0.02	-0.04	0.01	0.03	0.05	0.00	-0.01	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	-251.31	0.31	0.23	0.04	0.01	-0.01	-0.03	-0.02	-0.01	0.00	0.03	-0.01	0.00	-0.01	-0.02
MRBLD1CB42P75_COS			-2127.88	-2222.40	337.76	-50.28	-36.47	-93.30	-102.99	-64.27	7.67	31.92	40.98	3.64	15.30	24.18	4.64	2.50
MRBLD1CB42P75_SIN			0.00	68.86	-6.52	143.66	67.19	-73.91	46.84	-43.37	7.41	19.28	-19.74	63.02	14.20	11.82	22.63	-9.33

RUN	POINT		Harmonics															
	48	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3480.78	-1393.35	350.26	-147.28	33.14	-55.05	-45.09	-42.22	16.58	41.46	16.05	5.88	10.95	19.31	6.71	10.77
MRBLD1CB70_SIN			0.00	87.70	-27.13	143.61	282.10	-71.61	70.12	1.61	6.44	15.91	-15.69	44.77	5.12	2.84	14.50	-7.75
MRBLD1CB120_COS			-537.74	-523.00	344.86	-115.90	30.89	20.75	45.96	-10.50	-19.96	-12.55	1.24	5.97	1.43	-3.61	-2.65	4.07
MRBLD1CB120_SIN			0.00	173.34	-91.80	71.48	245.70	-19.38	49.56	17.55	-3.45	-10.09	20.55	-20.86	-2.24	-1.02	-1.60	-0.54
MRBLD1CB164_COS			-1981.03	-166.76	117.53	-68.84	-31.09	37.94	72.95	9.78	-29.47	-28.58	7.57	5.52	-0.68	-9.68	-4.47	-12.54
MRBLD1CB164_SIN			0.00	122.62	-36.21	24.63	99.23	18.46	12.58	16.49	-8.30	-14.52	23.54	-20.74	1.43	1.92	-3.28	9.78
MRBLD1FB42P75_COS			2687.33	426.70	-138.50	205.62	-290.32	-143.93	-188.31	-210.76	-99.45	-62.46	66.63	32.49	30.68	37.45	33.33	-17.80
MRBLD1FB42P75_SIN			0.00	4.39	39.54	509.88	-340.03	183.31	112.50	-48.46	44.44	0.78	-70.36	25.15	-10.28	-12.29	20.26	-27.36
MRBLD1FB70_COS			521.52	0.08	-58.23	30.17	-87.19	-40.40	-34.04	-27.59	-1.45	3.83	2.45	1.48	-1.66	-5.04	-5.79	4.30
MRBLD1FB70_SIN			0.00	-194.71	23.27	157.48	-106.76	32.55	24.03	-9.72	7.71	3.82	0.25	1.74	2.99	2.05	-4.47	5.86
MRBLD1FB87_COS			39.40	23.63	-70.03	-7.38	-45.82	-20.67	1.87	17.10	14.01	11.88	-12.96	-6.23	-4.50	-6.99	-6.54	4.14
MRBLD1FB87_SIN			0.00	-204.96	32.11	103.66	-39.56	9.80	-5.88	0.47	-10.38	-3.66	12.73	-10.71	1.90	5.05	-2.35	7.79
MRBLD1FB120_COS			-328.45	-8.87	-160.01	-18.16	-0.26	18.21	42.13	41.46	5.65	-5.72	-3.71	-3.00	0.80	5.64	7.24	-6.52
MRBLD1FB120_SIN			0.00	-235.28	52.78	155.75	62.09	-13.60	-25.70	13.47	-8.95	-3.06	-2.65	5.01	-3.28	-6.96	3.32	-11.23
MRBLD1FB164_COS			-85.61	94.58	-177.78	82.28	197.56	82.27	-24.10	-60.61	-20.01	6.84	6.52	2.25	-3.40	-4.04	-2.86	4.73
MRBLD1FB164_SIN			0.00	-472.73	75.86	229.38	196.28	-51.39	12.54	-20.02	14.73	5.29	1.87	-14.77	2.52	8.38	0.59	4.39

RUN	POINT		Harmonics															
	48	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-190.08	39.63	-72.25	22.96	155.18	72.02	-64.27	-68.07	15.23	29.09	-25.11	-14.51	-5.99	0.18	6.40	-8.83
MRBLD1FB180_SIN			0.00	-390.33	65.86	109.64	104.85	-36.52	22.08	-7.06	0.53	-20.80	19.29	-14.12	-0.27	-5.86	3.32	-13.25
MRBLD1TOR51_COS			-1548.06	153.09	129.35	22.56	-33.68	-30.89	-39.86	-38.58	2.35	11.40	-1.60	-2.34	-2.29	1.76	4.50	4.20
MRBLD1TOR51_SIN			0.00	-321.07	73.19	89.24	-8.65	0.97	39.65	8.82	0.66	-4.86	-2.82	-2.77	-1.22	-1.56	1.18	-5.01
MRBLD1TOR71_COS			-396.63	175.04	105.30	21.62	-22.00	-17.95	-25.43	-27.32	5.01	9.48	-4.85	-2.91	-2.55	0.29	2.58	2.75
MRBLD1TOR71_SIN			0.00	-308.00	63.27	54.58	-3.63	-1.07	34.02	14.96	2.84	-2.54	0.00	-2.93	-1.09	-1.15	0.08	-2.87
MRBLD1TOR130_COS			-160.62	160.02	121.28	25.70	-8.33	-7.05	-15.48	-21.89	-2.13	0.34	6.27	-2.31	1.22	0.43	-2.40	-2.51
MRBLD1TOR130_SIN			0.00	-305.81	49.53	33.28	19.45	-3.32	26.11	8.91	3.23	-2.92	1.65	6.60	1.57	1.46	-0.29	2.21
MRBLD1TOR164_COS			-321.25	103.31	104.11	13.36	-15.04	-23.71	-15.28	-3.40	6.24	1.21	-2.97	-0.32	2.17	0.74	-4.19	-2.15
MRBLD1TOR164_SIN			0.00	-190.85	20.87	-17.26	-20.79	1.63	14.22	8.02	0.74	-2.98	1.12	1.87	-0.77	1.16	1.51	-0.34
MRFBM1CB26P5_COS			-2820.03	-1092.91	125.31	41.98	-24.77	-8.06	-16.37	-9.77	-4.26	-4.69	7.17	-0.91	0.89	0.66	-0.52	-1.08
MRFBM1CB26P5_SIN			0.00	-161.24	34.85	-1.36	-41.12	-18.43	-6.22	-14.84	-0.86	-2.05	-0.98	0.70	0.34	1.29	1.90	-1.84
MRFBM1FB9_COS			352.71	308.43	-42.99	8.11	22.47	25.78	17.10	6.62	3.76	0.40	-3.34	0.70	-0.57	-0.64	0.60	-1.02
MRFBM1FB9_SIN			0.00	111.94	-7.51	-158.92	39.99	-4.92	-1.96	10.03	2.08	0.80	-0.41	-1.92	-1.17	-1.42	-1.33	0.32
MRFBM1TOR26P5_COS			-244.14	90.89	1.51	0.30	0.07	-0.38	-0.44	-0.17	0.11	0.37	-0.18	0.08	-0.05	-0.01	0.12	0.04
MRFBM1TOR26P5_SIN			0.00	-144.31	1.19	-0.06	0.62	-0.10	0.83	0.14	0.03	0.07	-0.04	-0.28	0.00	-0.04	0.01	-0.02

RUN	POINT		Harmonics															
	48	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-772.22	-1911.66	259.93	23.14	-69.01	-79.26	-83.46	-60.28	-9.82	8.04	37.38	5.00	14.43	18.88	3.04	0.99
MRPC1CB33P25_SIN			0.00	182.53	-28.45	108.61	-55.01	-28.21	25.33	-49.90	-2.59	0.74	-14.52	39.71	10.00	8.51	18.28	-10.15
MRPC1FB33P25_COS			1950.12	338.09	-164.44	94.87	-155.04	-166.00	-192.67	-145.27	-94.50	-48.97	88.07	5.42	27.81	34.40	2.01	14.49
MRPC1FB33P25_SIN			0.00	173.12	-5.48	453.48	-329.60	108.68	23.12	-125.40	-13.46	-33.20	-14.22	40.00	12.18	20.53	42.32	-30.98
MRPC1TOR25P5_COS			-479.73	-92.32	-192.38	-4.28	41.19	29.95	35.53	34.00	-4.85	-15.80	9.98	1.59	6.52	3.10	-7.93	-5.06
MRPC1TOR25P5_SIN			0.00	242.28	-107.32	-99.10	11.10	2.67	-37.15	-14.41	-2.85	4.00	3.66	12.37	1.52	4.81	3.39	4.12
MRPLK1LOAD_COS			-26.16	-12.46	-20.19	-3.56	4.75	4.59	5.43	5.73	-0.63	-2.45	1.42	-0.34	0.97	0.16	-1.60	-0.81
MRPLK1LOAD_SIN			0.00	20.58	-11.95	-11.49	0.37	0.97	-6.15	-1.93	-0.04	0.18	0.62	2.23	0.38	0.71	0.18	0.79
PITCHRH_COS			4904.43	-8848.21	-340.15	169.20	-80.18	-1876.05	24.22	77.26	21.42	-9.16	-133.39	-4.83	38.70	-59.79	-2.44	16.24
PITCHRH_SIN			0.00	1054.15	-712.36	-74.93	-45.44	-942.91	69.75	109.03	198.42	-6.44	-136.84	-53.46	21.18	27.78	-7.32	73.13
ROLLRH_COS			-152.98	-947.30	702.60	42.44	-42.67	1361.07	-56.85	-60.33	-345.26	-9.20	278.56	39.69	-23.48	38.16	-49.14	-46.52
ROLLRH_SIN			0.00	-8770.91	-343.54	129.83	-8.76	-178.81	-159.35	-19.83	-372.60	-52.92	-95.86	-38.71	46.14	8.28	15.93	174.35
TORQ_COS			64797.25	152.90	17.23	89.50	11.02	137.09	0.03	34.85	1.28	-2.27	-14.62	-1.72	6.27	0.93	-2.23	2.20
TORQ_SIN			0.00	824.63	-10.59	48.38	-94.31	209.26	7.90	37.75	-10.47	-6.34	-1.10	9.80	-5.64	6.37	-3.68	-6.20
THRUST_COS			5503.77	-9.83	12.21	26.81	0.95	79.43	4.92	23.86	-2.45	-2.32	-21.08	0.65	0.35	2.51	-0.73	-14.85
THRUST_SIN			0.00	-144.26	-12.91	-13.11	20.30	-56.34	9.35	1.40	-1.63	-0.17	27.48	5.39	-0.47	-0.22	-3.24	-1.63

RUN	POINT		Harmonics															
	48	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-177.22	36.36	-16.79	1.13	6.44	-76.87	3.70	0.63	9.51	2.17	-14.51	-2.74	0.82	-1.25	1.58	0.74
SIDERH_SIN			0.00	232.62	7.16	-1.00	-28.53	33.83	9.47	-0.89	7.96	2.65	4.08	1.29	-1.92	-0.38	-0.40	-5.29
DRAGRH_COS			-223.12	237.53	12.78	0.17	-0.96	127.23	9.46	-8.03	-9.75	0.14	10.74	1.14	-3.63	1.89	0.18	-0.55
DRAGRH_SIN			0.00	-43.44	11.88	-2.80	1.34	-153.94	-3.80	-0.16	-3.56	1.23	6.45	4.50	0.33	-2.93	0.31	-2.80

RUN	POINT		Harmonics															
	48	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.22	0.34	-0.09	-0.01	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.49	-0.01	-0.04	-0.04	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.63	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.58	3.91	-3.42	-1.77	-0.09	0.05	0.31	0.28	0.03	-0.16	0.08	-0.03	0.05	0.04	0.00	0.00
ACT1FORCE_SIN			0.00	17.85	0.06	0.03	-0.52	0.03	-0.50	-0.47	0.03	0.02	0.05	0.01	0.04	0.01	-0.01	0.00
FA1IBCURRENT_COS			-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	7.14	-0.03	0.00	0.06	0.03	0.02	0.01	-0.01	0.00	0.02	-0.01	-0.01	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-250.97	0.07	0.08	-0.02	-0.03	0.03	0.02	0.01	0.00	0.02	0.00	0.01	0.02	0.00	0.01
FA1OBCURRENT_COS			0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.11	-7.00	-0.01	0.01	-0.06	-0.03	-0.02	-0.02	0.01	0.01	-0.01	0.00	0.01	0.00	0.00	0.01
FA1OBVOLTAGE_SIN			0.00	251.47	0.10	-0.08	0.01	0.02	-0.03	-0.01	0.00	0.00	-0.02	-0.01	-0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-1979.15	-1578.39	326.23	-50.24	-93.61	-126.04	-99.95	-126.10	-2.79	30.83	50.12	37.08	30.54	17.51	-6.94	8.51
MRBLD1CB42P75_SIN			0.00	799.48	21.03	125.12	122.52	-78.85	21.94	87.78	-28.39	3.89	36.89	67.25	33.47	20.89	-2.57	-1.29

RUN	POINT		Harmonics															
	48	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3539.38	-990.00	394.98	-188.67	-90.05	-78.17	-108.23	-71.79	8.51	33.92	37.78	36.30	19.57	12.66	-0.45	15.93
MRBLD1CB70_SIN			0.00	604.69	-11.62	138.69	379.55	-59.27	112.83	95.69	-9.42	6.70	-17.54	48.74	11.53	10.22	1.43	2.02
MRBLD1CB120_COS			-515.90	-386.99	405.49	-191.08	-79.34	0.35	-64.55	-16.04	-31.75	-1.41	1.73	-2.89	-3.85	-6.16	-2.28	2.49
MRBLD1CB120_SIN			0.00	451.73	-105.20	68.78	404.26	-13.48	131.58	54.55	-4.57	12.65	6.46	-25.40	-12.35	-3.11	1.33	3.84
MRBLD1CB164_COS			-1985.11	-117.35	142.04	-108.94	-77.20	36.50	21.71	31.92	-33.80	-19.09	-8.26	-8.14	-3.57	-8.77	-6.36	-15.31
MRBLD1CB164_SIN			0.00	177.37	-36.27	14.27	176.21	32.63	51.19	-20.63	1.75	9.78	37.72	-29.52	-4.28	-3.10	2.75	0.93
MRBLD1FB42P75_COS			2775.65	215.84	-237.41	93.58	-180.49	-236.42	-194.87	-236.91	-163.75	-12.53	136.29	37.21	68.22	40.49	-17.32	13.07
MRBLD1FB42P75_SIN			0.00	-127.81	10.99	552.50	-32.86	122.25	57.85	280.03	-20.21	-22.58	60.32	4.18	-3.26	1.92	6.13	-22.57
MRBLD1FB70_COS			551.75	-7.97	-100.44	-6.46	-64.90	-65.88	-37.52	-30.72	-10.97	6.37	4.66	0.94	-4.73	-4.89	3.28	-2.78
MRBLD1FB70_SIN			0.00	-192.68	14.03	170.71	-9.05	14.40	11.67	52.88	-0.31	1.42	1.11	2.52	1.81	0.62	-0.65	5.01
MRBLD1FB87_COS			49.93	20.73	-95.51	-26.13	-38.48	-26.36	2.28	23.78	23.37	4.76	-27.28	-8.28	-14.19	-7.84	5.14	-1.83
MRBLD1FB87_SIN			0.00	-221.28	26.51	113.33	0.78	2.95	-8.61	-27.72	-1.00	-0.94	-16.52	-4.19	0.38	1.49	1.17	7.60
MRBLD1FB120_COS			-338.14	8.58	-179.74	-38.45	-2.21	36.43	40.12	42.57	21.13	-11.22	-4.90	1.23	10.34	6.51	-7.73	3.18
MRBLD1FB120_SIN			0.00	-294.11	58.82	175.87	43.82	-0.55	-13.75	-76.22	-0.88	1.51	3.04	-0.64	-1.99	-3.27	-3.13	-10.84
MRBLD1FB164_COS			17.12	0.95	-245.31	51.74	155.76	95.04	-9.74	-83.89	-41.39	14.07	7.98	1.00	-20.15	-8.88	10.82	4.65
MRBLD1FB164_SIN			0.00	-352.25	36.01	323.25	86.10	-58.38	10.49	106.77	-5.97	-0.50	-11.36	-5.49	0.66	2.08	1.21	6.07

RUN	POINT		Harmonics															
	48	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-97.22	-50.48	-137.67	22.60	138.51	46.33	-64.91	-67.45	16.64	22.60	-58.98	-21.16	-11.73	1.95	-11.59	1.97
MRBLD1FB180_SIN			0.00	-235.53	21.93	160.17	68.42	-43.83	-19.88	107.49	7.09	-22.73	-48.08	-3.60	0.80	-6.80	-3.49	-11.23
MRBLD1TOR51_COS			-1431.38	48.36	21.46	-2.34	-22.94	-23.82	-64.03	-36.06	8.38	11.96	-4.59	-3.20	-1.42	2.66	0.49	5.01
MRBLD1TOR51_SIN			0.00	-35.63	23.78	65.41	-3.23	15.94	27.00	69.48	5.00	-1.75	-17.86	-6.57	-1.55	2.21	-3.34	-4.82
MRBLD1TOR71_COS			-292.62	67.75	3.20	3.00	-10.52	-8.44	-45.75	-17.80	11.08	8.15	-7.60	-4.68	-2.91	1.84	0.82	3.01
MRBLD1TOR71_SIN			0.00	-47.10	15.80	32.81	-11.25	15.91	25.50	58.08	10.78	0.61	-17.61	-5.80	-2.91	1.21	-1.71	-3.38
MRBLD1TOR130_COS			-54.03	53.34	21.47	10.17	1.95	2.58	-27.90	-19.72	0.11	4.02	0.85	-0.89	1.55	0.72	-1.08	-3.58
MRBLD1TOR130_SIN			0.00	-34.54	7.26	14.26	-4.03	13.68	23.52	47.71	2.72	1.24	6.88	5.03	2.23	1.13	1.73	1.28
MRBLD1TOR164_COS			-259.77	30.75	44.34	10.41	-13.86	-23.33	-18.80	4.00	8.28	-0.32	-2.68	0.60	1.14	-0.15	-1.94	-0.88
MRBLD1TOR164_SIN			0.00	6.42	-4.92	-34.22	-16.63	1.58	11.99	24.19	4.19	-3.03	-3.26	4.06	0.22	-1.93	-0.18	3.51
MRFBM1CB26P5_COS			-2750.28	-769.68	102.95	67.99	-4.10	-15.25	0.23	-19.14	-5.50	-1.88	2.22	-1.96	2.13	0.82	-1.74	-0.54
MRFBM1CB26P5_SIN			0.00	248.44	41.71	-11.93	-64.82	-18.43	-22.86	-3.23	-8.37	-1.87	16.69	-0.59	3.34	1.26	-1.60	-0.70
MRFBM1FB9_COS			551.27	-84.27	13.99	41.16	27.31	28.64	18.92	20.00	3.40	-1.01	-1.12	-0.25	-0.65	-0.08	0.30	-0.69
MRFBM1FB9_SIN			0.00	-19.34	15.09	-159.58	0.99	3.46	5.55	-2.63	5.99	0.25	-3.96	-2.14	-2.41	-1.58	0.42	-0.60
MRFBM1TOR26P5_COS			-236.94	88.76	0.75	-0.02	-0.05	-0.12	-1.12	-0.14	0.16	0.29	-0.05	0.02	-0.04	-0.04	0.04	0.07
MRFBM1TOR26P5_SIN			0.00	-140.88	0.71	0.08	0.45	-0.10	0.25	0.49	0.13	-0.01	-0.39	-0.28	0.03	0.02	-0.03	-0.06

RUN	POINT		Harmonics															
	48	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-612.65	-1356.82	242.78	35.32	-67.92	-109.50	-70.03	-112.21	-24.83	14.87	41.32	22.91	26.86	14.06	-8.67	7.44
MRPC1CB33P25_SIN			0.00	756.29	10.80	81.67	-18.53	-43.38	-10.27	57.91	-39.78	-6.16	50.34	38.87	24.83	16.76	-3.27	-0.78
MRPC1FB33P25_COS			2016.66	165.37	-226.66	-5.14	-139.76	-225.53	-178.00	-297.41	-115.64	0.79	65.88	24.17	47.28	24.74	-15.85	27.37
MRPC1FB33P25_SIN			0.00	29.67	-42.83	472.81	-47.30	32.64	-22.00	122.63	-92.55	-25.08	122.92	29.33	44.46	32.88	-8.86	-0.44
MRPC1TOR25P5_COS			-599.35	25.04	-61.24	21.59	18.38	17.70	63.90	23.76	-11.77	-14.54	10.82	7.53	5.20	0.53	-1.66	-4.75
MRPC1TOR25P5_SIN			0.00	-71.37	-60.06	-61.81	18.83	-17.84	-23.91	-71.51	-12.59	1.86	30.21	17.17	4.80	-0.53	4.77	7.15
MRPLK1LOAD_COS			-40.15	3.05	-5.63	-0.42	2.20	3.25	9.87	4.79	-1.51	-2.30	1.25	0.45	0.62	0.13	-0.30	-1.00
MRPLK1LOAD_SIN			0.00	-16.43	-5.83	-8.48	0.39	-1.21	-3.91	-10.18	-1.20	0.04	4.36	2.86	0.44	-0.20	0.87	1.21
PITCHRH_COS			12077.09	-8976.55	-760.97	102.93	-55.90	-672.11	72.26	-23.00	-121.88	-38.21	65.26	-10.99	66.14	-34.47	4.86	-108.51
PITCHRH_SIN			0.00	999.69	-796.38	140.51	-5.65	-639.59	72.51	117.27	-0.57	-16.46	-171.70	-22.82	-15.14	17.84	-24.03	-95.99
ROLLRH_COS			3238.44	-932.68	783.72	-43.66	28.99	-179.72	6.48	-10.94	-106.21	61.22	282.18	16.94	35.35	-14.44	-33.18	88.54
ROLLRH_SIN			0.00	-8948.28	-925.93	90.96	-10.50	559.36	-117.76	-78.24	-448.29	-116.63	-23.06	-53.12	20.33	43.32	-5.26	80.57
TORQ_COS			67646.08	234.94	-4.87	24.13	-35.98	161.77	1.73	62.09	0.47	2.88	-15.29	5.80	2.31	-2.34	1.04	3.35
TORQ_SIN			0.00	787.41	3.73	28.57	-97.67	152.35	13.32	13.09	1.27	-4.67	-65.74	8.02	-9.10	8.74	-3.88	-4.34
THRUST_COS			6003.57	-18.05	-4.93	14.29	13.27	99.74	2.94	35.55	0.60	0.53	-40.95	4.19	-3.51	3.13	0.90	-26.88
THRUST_SIN			0.00	-140.20	-17.99	4.21	31.03	-35.44	10.24	-8.19	-2.68	1.30	-16.46	0.59	-0.19	0.17	-6.69	-13.79

RUN	POINT		Harmonics															
	48	38	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-171.24	36.00	-14.38	-1.72	-9.33	-25.08	8.94	-2.01	3.37	-2.53	-15.40	-1.09	-1.12	0.26	0.94	-2.18
SIDERH_SIN			0.00	238.51	26.15	-0.26	6.68	-104.45	3.63	1.36	12.07	6.43	2.78	2.18	-1.02	-1.19	0.24	-2.42
DRAGRH_COS			-147.22	236.66	10.68	-0.91	8.55	155.60	-11.52	-2.56	-1.21	0.54	1.12	3.15	-2.90	1.28	-0.58	5.70
DRAGRH_SIN			0.00	-42.94	-1.81	-2.13	7.41	77.11	-5.55	3.02	-3.80	1.88	10.02	2.04	4.01	-1.79	1.23	3.76

RUN	POINT		Harmonics															
	48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-5.85	-0.88	-3.91	-2.60	-0.68	-0.50	0.25	0.26	0.28	-0.04	0.09	0.00	0.08	0.00	0.03	0.04
ACT1FORCE_SIN			0.00	13.54	1.01	-0.70	-0.42	0.18	-0.20	-0.05	0.01	0.19	0.07	0.17	0.07	-0.03	0.02	0.01
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			520.65	-3.89	30.32	23.36	10.12	8.53	0.01	0.02	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-108.43	-10.60	11.18	6.72	-5.42	0.00	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			284.93	3.89	-30.36	-23.40	-10.14	-8.57	-0.01	-0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	108.63	10.64	-11.21	-6.76	5.40	0.00	0.00	-0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS			-2121.88	-2011.04	332.06	-36.55	-66.18	-93.89	-96.38	-90.50	-2.84	31.61	29.03	13.12	23.39	20.00	-0.55	0.06
MRBLD1CB42P75_SIN			0.00	222.08	2.95	142.21	69.07	-69.13	40.13	26.98	-3.34	14.19	16.16	66.19	22.96	16.21	14.79	-7.68

RUN	POINT		Harmonics															
	48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3482.97	-1268.79	369.91	-140.72	-24.87	-39.67	-72.45	-66.78	4.95	36.58	13.39	13.18	15.18	16.16	2.58	6.67
MRBLD1CB70_SIN			0.00	217.96	-23.48	147.26	281.97	-73.95	84.16	48.15	4.61	12.32	-2.67	46.79	9.03	7.14	12.54	-5.09
MRBLD1CB120_COS			-542.69	-492.22	361.52	-128.09	-18.68	44.03	-6.89	-24.08	-26.28	-8.36	7.34	4.36	-2.98	-4.38	-3.52	1.82
MRBLD1CB120_SIN			0.00	276.86	-104.25	73.05	274.12	-34.57	70.50	28.08	-2.37	-3.06	5.42	-25.22	-6.47	-1.36	0.68	1.03
MRBLD1CB164_COS			-1975.03	-149.87	125.80	-78.29	-53.05	48.58	45.24	14.60	-29.82	-23.79	8.13	3.61	-3.15	-10.07	-4.92	-9.96
MRBLD1CB164_SIN			0.00	131.90	-36.46	26.68	116.13	13.72	20.54	-5.85	-3.57	-5.52	16.45	-25.47	-1.59	-0.18	-2.46	8.39
MRBLD1FB42P75_COS			2716.17	364.26	-188.10	138.86	-258.33	-164.46	-185.73	-199.20	-125.15	-38.83	81.20	37.53	48.64	41.71	19.39	-12.62
MRBLD1FB42P75_SIN			0.00	-21.15	23.08	490.41	-201.54	181.86	91.01	114.31	22.33	-6.07	-18.89	12.63	-6.11	-5.11	18.49	-18.81
MRBLD1FB70_COS			525.93	4.60	-75.16	9.71	-82.90	-45.30	-34.25	-25.36	-5.47	4.83	2.90	0.60	-3.28	-5.89	-3.87	2.43
MRBLD1FB70_SIN			0.00	-201.68	21.17	152.03	-65.30	30.47	18.12	20.32	4.84	2.74	1.19	2.10	2.55	1.80	-3.18	4.22
MRBLD1FB87_COS			39.43	31.79	-76.81	-18.10	-45.51	-21.81	1.53	17.84	18.28	8.62	-15.29	-7.05	-8.66	-7.10	-2.04	4.25
MRBLD1FB87_SIN			0.00	-221.29	32.05	102.67	-22.48	8.30	-7.79	-14.48	-7.79	-3.42	-0.23	-7.97	0.45	2.48	-2.17	6.04
MRBLD1FB120_COS			-327.80	5.55	-153.07	-26.13	-4.15	21.24	38.34	35.66	10.65	-7.94	-4.50	-1.07	5.06	5.77	1.99	-6.07
MRBLD1FB120_SIN			0.00	-281.58	60.15	160.30	57.51	-8.94	-20.45	-26.62	-4.73	-0.25	0.80	3.54	-2.54	-4.81	2.51	-9.38
MRBLD1FB164_COS			-90.01	65.66	-235.42	67.08	200.84	90.14	-15.27	-57.21	-27.55	11.04	8.29	1.18	-9.93	-5.25	2.78	6.46
MRBLD1FB164_SIN			0.00	-398.50	60.35	240.90	145.96	-66.52	6.88	36.46	5.49	1.06	-3.75	-10.66	0.64	5.58	0.47	4.64

RUN	POINT		Harmonics															
	48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-202.89	7.33	-128.42	15.64	159.65	68.46	-59.46	-60.80	17.56	27.08	-32.46	-15.92	-7.14	2.44	0.57	-8.24
MRBLD1FB180_SIN			0.00	-292.96	47.89	115.06	79.85	-47.10	3.34	42.70	1.16	-22.18	-7.70	-8.54	0.94	-5.20	2.31	-9.78
MRBLD1TOR51_COS			-1549.35	87.40	38.17	8.84	-27.76	-27.46	-43.59	-33.71	3.36	11.20	-2.50	-2.26	-1.59	2.40	2.14	3.45
MRBLD1TOR51_SIN			0.00	-149.89	34.99	66.00	-12.06	-0.70	40.88	37.97	1.71	-4.66	-7.90	-4.50	-0.89	0.60	-0.33	-6.03
MRBLD1TOR71_COS			-400.30	110.64	19.15	10.35	-15.51	-14.46	-28.46	-20.10	6.38	8.62	-5.05	-3.03	-2.59	1.15	1.53	2.01
MRBLD1TOR71_SIN			0.00	-148.40	27.40	34.10	-11.43	-2.21	36.49	35.02	5.27	-2.29	-6.47	-4.31	-1.59	0.09	-0.48	-3.86
MRBLD1TOR130_COS			-165.11	95.35	34.75	16.01	-2.15	-3.82	-16.52	-17.94	-1.96	1.60	3.44	-1.02	1.25	0.60	-1.46	-3.05
MRBLD1TOR130_SIN			0.00	-140.44	16.43	16.06	4.51	-3.95	29.64	27.46	2.91	-1.50	3.20	5.84	1.87	1.20	0.81	2.48
MRBLD1TOR164_COS			-330.81	56.08	49.97	7.59	-15.37	-23.36	-15.28	-0.24	6.94	0.17	-2.14	0.20	1.51	0.54	-2.61	-2.17
MRBLD1TOR164_SIN			0.00	-70.01	0.52	-28.68	-22.99	-0.17	15.19	15.59	2.22	-2.96	-0.25	3.30	-0.33	-0.25	1.69	1.91
MRFBM1CB26P5_COS			-2846.04	-962.79	113.62	49.93	-14.59	-12.86	-7.91	-9.67	-3.77	-3.12	4.51	-0.66	1.64	0.91	-0.76	-0.60
MRFBM1CB26P5_SIN			0.00	-53.49	34.85	-1.28	-47.13	-14.83	-10.57	-6.92	-3.91	-1.86	4.91	0.42	1.47	1.46	0.50	-1.47
MRFBM1FB9_COS			409.45	158.97	-19.77	23.37	25.86	25.95	16.81	12.68	3.89	-0.17	-1.91	0.29	-0.63	-0.29	0.58	-0.69
MRFBM1FB9_SIN			0.00	101.96	4.75	-149.72	23.79	-3.64	0.91	2.89	3.45	0.36	-1.75	-2.00	-1.91	-1.55	-0.77	0.20
MRFBM1TOR26P5_COS			-246.60	89.37	0.68	0.21	0.03	-0.30	-0.62	-0.16	0.12	0.31	-0.12	0.02	-0.05	-0.03	0.05	0.06
MRFBM1TOR26P5_SIN			0.00	-139.85	0.93	-0.07	0.46	-0.20	0.64	0.28	0.03	0.03	-0.16	-0.29	0.02	-0.01	-0.01	-0.04

RUN	POINT		Harmonics															
	48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-739.32	-1747.02	249.97	33.42	-73.67	-83.84	-72.68	-76.30	-18.64	11.60	30.05	11.84	21.00	16.50	-1.98	-0.60
MRPC1CB33P25_SIN			0.00	282.64	-12.52	101.57	-43.91	-24.53	12.67	8.10	-14.89	-0.24	17.16	40.04	16.51	12.41	11.76	-8.16
MRPC1FB33P25_COS			1976.40	285.50	-197.20	44.46	-162.43	-181.91	-182.71	-201.41	-103.68	-26.97	69.70	17.01	36.75	31.90	-4.06	9.55
MRPC1FB33P25_SIN			0.00	141.27	-25.14	427.19	-207.67	101.19	6.81	7.81	-42.09	-25.86	32.93	35.31	27.76	28.41	28.99	-21.18
MRPC1TOR25P5_COS			-481.15	-21.17	-93.75	11.78	29.49	26.93	40.90	24.27	-6.63	-14.57	8.78	3.90	5.74	2.02	-3.79	-5.53
MRPC1TOR25P5_SIN			0.00	65.95	-70.43	-72.02	18.51	3.09	-36.92	-40.66	-5.70	4.51	13.02	14.45	2.13	1.83	4.71	6.66
MRPLK1LOAD_COS			-26.98	-2.95	-7.65	-1.60	3.45	4.04	6.37	4.68	-0.80	-2.24	1.14	0.12	0.73	0.20	-0.72	-1.01
MRPLK1LOAD_SIN			0.00	-2.14	-6.85	-8.44	1.03	1.20	-6.07	-5.82	-0.37	0.47	1.90	2.49	0.31	0.17	0.54	1.18
PITCHRH_COS			5908.62	-9054.36	-104.12	44.39	-51.11	-1415.01	-72.43	24.27	-30.44	-49.04	-40.47	4.89	35.10	-47.43	-4.90	-33.45
PITCHRH_SIN			0.00	1409.91	-565.13	-33.88	-62.18	-557.58	-142.96	123.28	200.24	-14.54	-96.92	-17.84	28.99	23.48	-5.59	7.75
ROLLRH_COS			412.66	-1251.84	524.75	-51.26	15.71	563.06	66.32	-36.80	-300.69	48.56	300.72	8.91	-19.44	41.63	-47.72	30.25
ROLLRH_SIN			0.00	-8964.36	-70.07	6.87	13.62	54.90	-72.88	-39.28	-434.96	-84.05	-42.22	-13.97	16.24	17.20	2.72	171.37
TORQ_COS			64797.43	294.21	25.51	40.34	23.63	129.44	0.24	27.04	-5.05	-2.18	-10.52	0.53	4.62	0.57	-1.34	1.35
TORQ_SIN			0.00	776.12	-18.19	13.23	-88.37	173.84	5.47	17.35	-4.84	-4.72	-25.49	8.29	-5.46	8.25	-1.86	-5.85
THRUST_COS			5554.47	-86.38	7.69	13.40	-1.58	86.36	-1.77	18.36	0.27	0.42	-28.42	0.65	-1.89	3.71	1.74	-17.75
THRUST_SIN			0.00	-100.12	-0.41	-1.59	20.37	-56.79	4.89	-1.21	-3.60	0.86	6.26	5.16	-0.39	-1.14	-4.75	-8.43

RUN	POINT		Harmonics															
	48	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.04	46.08	-13.31	-2.46	4.29	-38.58	-4.44	0.44	8.54	-1.24	-15.00	-0.71	0.85	-1.26	1.33	-1.06
SIDERH_SIN			0.00	229.92	0.32	-0.04	-10.38	-23.56	4.68	0.23	10.18	4.41	3.00	-0.04	-0.81	-0.65	-0.08	-5.32
DRAGRH_COS			-215.12	233.26	10.00	-0.14	3.77	101.79	2.29	-1.96	-7.20	1.16	7.50	-0.34	-2.67	1.67	0.02	2.15
DRAGRH_SIN			0.00	-40.69	12.11	-1.08	0.51	-64.54	12.13	-1.76	-6.68	1.71	5.79	1.25	-0.75	-2.32	-0.14	-0.41

RUN	POINT		Harmonics															
	48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-3.91	-1.02	-3.55	-2.69	-0.45	-0.48	0.23	0.37	0.22	-0.02	0.04	-0.03	-0.02	-0.02	0.00	-0.01
ACT1FORCE_SIN			0.00	12.91	1.26	-0.89	-0.38	0.28	-0.06	0.00	0.18	0.17	0.18	0.14	0.14	-0.07	0.04	-0.03
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			641.65	-2.05	28.18	25.43	9.21	8.00	0.00	-0.02	0.01	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-103.20	-11.71	13.63	6.51	-6.42	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			163.72	1.97	-28.24	-25.43	-9.20	-8.04	0.00	0.02	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	103.37	11.70	-13.71	-6.57	6.37	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	-0.01
MRBLD1CB42P75_COS			-2125.98	-2320.77	322.75	-48.23	-54.02	-94.77	-104.70	-80.72	-3.63	29.14	53.68	-8.87	12.66	22.33	8.66	-1.94
MRBLD1CB42P75_SIN			0.00	70.94	-30.59	176.44	37.47	-62.74	45.78	-16.37	5.57	14.47	-6.22	79.80	15.15	6.83	19.29	-9.09

RUN	POINT		Harmonics															
	48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3471.90	-1478.43	353.30	-165.03	11.61	-46.21	-58.25	-62.72	4.50	36.95	23.40	-0.41	9.61	16.84	9.48	5.41
MRBLD1CB70_SIN			0.00	100.80	-45.14	173.11	252.65	-53.66	60.85	14.67	7.55	12.81	-9.20	55.39	5.81	-0.30	13.05	-7.75
MRBLD1CB120_COS			-576.12	-581.08	338.72	-150.42	-2.78	36.90	27.50	-22.62	-25.76	-13.50	-5.59	11.37	0.17	-4.78	-4.56	1.42
MRBLD1CB120_SIN			0.00	211.46	-108.03	97.24	236.04	-1.09	30.27	11.28	-5.20	-10.18	13.52	-32.49	-3.84	0.03	0.29	0.10
MRBLD1CB164_COS			-1973.78	-170.82	121.43	-85.44	-47.02	47.45	68.73	11.45	-29.32	-26.21	1.97	9.60	-1.69	-10.14	-8.34	-9.50
MRBLD1CB164_SIN			0.00	111.04	-35.21	43.28	98.06	24.59	2.21	2.01	-10.47	-13.18	17.85	-30.13	-0.35	2.43	-3.96	9.28
MRBLD1FB42P75_COS			2695.65	454.65	-180.07	167.40	-374.64	-159.57	-210.84	-216.88	-115.05	-60.60	86.20	29.84	32.73	37.80	40.62	-16.46
MRBLD1FB42P75_SIN			0.00	-4.05	31.22	600.25	-308.51	201.28	105.53	5.57	41.99	-7.58	-68.01	35.69	-9.09	-16.67	12.50	-16.03
MRBLD1FB70_COS			523.86	8.70	-70.41	16.01	-113.53	-43.39	-38.52	-28.89	-4.11	3.17	2.88	1.54	-1.63	-5.11	-7.66	3.89
MRBLD1FB70_SIN			0.00	-203.24	22.65	190.92	-99.66	38.43	22.20	1.47	8.71	4.02	0.75	2.20	3.51	3.91	-1.96	4.25
MRBLD1FB87_COS			44.82	39.18	-70.96	-15.62	-57.20	-20.58	2.60	18.61	16.84	11.71	-17.46	-5.40	-5.00	-6.54	-7.70	4.17
MRBLD1FB87_SIN			0.00	-217.50	33.62	124.01	-37.79	9.99	-7.30	-4.70	-9.88	-2.07	12.17	-13.81	1.69	5.86	-0.43	5.30
MRBLD1FB120_COS			-301.66	9.52	-141.31	-25.34	-0.68	19.07	45.34	42.09	8.93	-3.86	-1.92	-1.91	2.60	5.93	10.45	-5.69
MRBLD1FB120_SIN			0.00	-266.42	57.02	180.75	62.68	-14.75	-25.78	-0.33	-9.74	-2.54	-2.29	6.59	-4.36	-8.94	0.63	-7.96
MRBLD1FB164_COS			-153.69	87.59	-247.66	71.83	242.52	93.83	-23.94	-61.82	-24.86	4.94	3.46	3.47	-4.78	-4.73	-3.53	5.09
MRBLD1FB164_SIN			0.00	-410.01	53.10	243.98	197.05	-64.33	10.59	-1.39	14.21	4.83	2.06	-17.38	1.95	9.43	2.12	2.61

RUN	POINT		Harmonics															
	48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-272.35	21.03	-138.64	11.97	182.35	82.83	-66.02	-74.24	16.22	31.13	-36.96	-13.77	-3.69	3.30	9.90	-8.47
MRBLD1FB180_SIN			0.00	-310.81	46.57	111.65	101.57	-43.90	16.65	7.94	-0.71	-19.66	17.56	-21.21	-1.19	-8.69	-1.02	-9.32
MRBLD1TOR51_COS			-1664.97	90.15	51.08	14.53	-35.74	-30.65	-39.14	-42.59	-0.33	9.60	-2.31	-1.47	-1.93	2.73	5.39	3.22
MRBLD1TOR51_SIN			0.00	-223.75	32.09	85.74	-18.69	-4.85	45.03	22.42	1.10	-7.54	-4.03	-4.24	-0.74	-0.89	1.00	-4.23
MRBLD1TOR71_COS			-508.63	117.08	32.22	15.63	-20.89	-17.62	-23.98	-29.49	3.13	7.76	-5.93	-2.09	-2.16	1.35	3.40	2.17
MRBLD1TOR71_SIN			0.00	-216.90	25.76	47.87	-12.16	-7.23	39.93	25.50	3.47	-5.05	-1.11	-5.47	-0.77	-0.49	0.03	-2.85
MRBLD1TOR130_COS			-276.41	100.09	47.04	21.74	-3.89	-6.60	-13.76	-23.41	-4.27	-0.68	7.07	-4.42	1.01	0.51	-2.49	-2.45
MRBLD1TOR130_SIN			0.00	-211.07	14.07	23.50	11.15	-9.03	31.33	18.59	3.42	-4.95	3.93	5.19	1.68	1.37	-0.16	1.37
MRBLD1TOR164_COS			-410.06	55.57	58.41	9.64	-17.41	-25.84	-15.07	-3.57	6.52	0.52	-3.15	-1.45	2.57	1.21	-3.27	-2.26
MRBLD1TOR164_SIN			0.00	-120.16	0.23	-28.25	-27.47	-0.59	15.05	12.65	1.50	-3.32	1.93	0.89	-0.74	0.51	1.94	-0.02
MRFBM1CB26P5_COS			-2838.85	-1158.85	114.82	51.89	-20.26	-9.74	-13.34	-8.33	-3.80	-3.92	8.30	-1.86	0.97	1.47	0.24	-0.86
MRFBM1CB26P5_SIN			0.00	-173.89	26.42	4.52	-45.44	-20.53	-3.92	-10.10	-2.03	-2.44	0.60	1.01	0.35	1.16	1.81	-1.22
MRFBM1FB9_COS			390.34	326.49	-23.36	25.98	33.73	26.98	17.19	9.51	4.53	0.37	-3.61	1.41	-0.52	-0.62	0.31	-0.69
MRFBM1FB9_SIN			0.00	125.77	5.90	-178.37	40.46	-6.13	-0.06	7.92	2.65	1.02	-1.33	-2.13	-1.25	-1.29	-1.38	0.52
MRFBM1TOR26P5_COS			-247.48	90.67	0.93	0.11	0.06	-0.37	-0.55	-0.23	0.09	0.37	-0.23	0.17	-0.07	-0.02	0.08	0.04
MRFBM1TOR26P5_SIN			0.00	-140.17	1.20	0.12	0.41	-0.16	0.91	0.17	0.03	0.12	-0.16	-0.20	0.00	-0.03	0.00	0.00

RUN	POINT		Harmonics															
	48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-748.22	-1979.19	236.42	34.65	-85.66	-82.41	-80.42	-66.80	-16.34	8.23	47.75	-1.98	12.90	18.56	6.88	-2.29
MRPC1CB33P25_SIN			0.00	194.71	-47.89	129.96	-72.45	-21.31	24.72	-27.12	-6.60	-2.38	-5.38	50.19	10.33	4.52	16.43	-8.79
MRPC1FB33P25_COS			1957.60	362.90	-193.66	47.68	-231.90	-182.83	-207.51	-170.88	-104.61	-41.64	101.87	-4.33	28.17	38.29	13.76	5.27
MRPC1FB33P25_SIN			0.00	162.99	-15.90	522.41	-323.50	119.35	8.62	-85.19	-22.52	-37.93	-0.41	46.39	13.67	16.97	42.87	-24.42
MRPC1TOR25P5_COS			-361.43	-24.18	-108.98	0.62	40.02	29.47	34.22	36.55	-3.07	-13.43	12.93	-2.38	5.72	2.88	-6.55	-4.86
MRPC1TOR25P5_SIN			0.00	142.42	-63.08	-91.97	19.44	10.08	-43.98	-27.04	-4.05	5.29	8.32	13.44	0.56	2.74	4.10	3.00
MRPLK1LOAD_COS			-11.42	-4.02	-9.39	-2.65	4.86	4.46	5.56	6.19	-0.30	-2.19	1.98	-1.16	0.86	0.29	-1.30	-0.75
MRPLK1LOAD_SIN			0.00	7.50	-6.41	-10.90	1.50	1.88	-6.97	-3.70	-0.23	0.41	1.55	1.94	0.23	0.48	0.28	0.46
PITCHRH_COS			3025.35	-9043.58	-53.19	46.00	-43.41	-1998.16	96.08	63.72	15.73	-33.04	-128.49	6.57	7.23	-21.99	-15.10	5.16
PITCHRH_SIN			0.00	1371.09	-661.31	-43.98	-66.70	-740.89	-123.74	97.41	70.05	5.27	-59.03	-53.03	26.16	37.26	-2.13	48.92
ROLLRH_COS			-9.66	-1203.98	636.24	-11.32	9.17	1159.51	12.90	-19.30	-243.44	4.73	294.43	31.63	-35.23	49.54	-35.84	-62.27
ROLLRH_SIN			0.00	-9000.99	49.73	58.85	11.96	-435.18	-13.70	4.81	-399.03	-37.33	-59.82	-0.39	21.61	-19.35	11.65	226.71
TORQ_COS			64534.28	238.08	23.37	54.11	7.25	144.96	-0.54	21.75	-3.60	-2.38	-18.00	0.92	4.79	0.15	-1.54	1.28
TORQ_SIN			0.00	826.84	-14.83	15.03	-72.50	201.50	8.72	20.04	-7.89	-4.34	-5.52	7.78	-4.11	7.16	-3.41	-6.03
THRUST_COS			5478.16	-80.50	7.68	12.02	-1.53	83.78	-1.81	14.19	-0.73	-1.02	-29.52	-3.37	0.47	1.84	-0.71	-12.97
THRUST_SIN			0.00	-121.57	-7.67	-9.20	16.51	-62.10	3.46	1.32	0.37	-1.61	27.97	6.11	-0.31	-0.81	-4.84	-4.76

RUN	POINT		Harmonics															
	48	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.20	42.74	-15.76	-0.76	4.50	-44.21	0.44	0.18	7.25	1.11	-14.52	-1.80	1.66	-1.51	1.23	1.11
SIDERH_SIN			0.00	229.56	-1.88	-0.34	-14.59	36.48	-2.76	0.71	9.39	3.07	2.03	-0.36	-0.78	0.68	-0.26	-6.94
DRAGRH_COS			-244.34	232.85	12.35	-0.08	-3.51	81.65	-4.59	-0.44	-5.01	-0.10	14.00	-0.07	-2.49	0.85	0.62	0.89
DRAGRH_SIN			0.00	-39.45	11.86	-1.78	3.23	-152.34	-2.94	0.00	-1.42	0.69	2.90	3.38	-2.25	-1.99	0.24	-1.43

RUN	POINT		Harmonics															
	48	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-4.17	-1.07	-4.17	-2.69	-0.36	-0.31	0.26	0.31	0.13	-0.10	-0.08	-0.18	-0.03	-0.02	0.09	-0.02
ACT1FORCE_SIN			0.00	12.75	1.36	-1.02	-0.78	0.67	0.01	0.26	0.11	0.19	0.08	0.16	-0.03	-0.10	-0.07	-0.06
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			729.60	-1.82	34.71	25.55	10.09	6.16	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-100.52	-13.21	15.65	11.01	-9.05	-0.02	-0.01	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			75.66	1.65	-34.81	-25.48	-9.98	-6.24	-0.01	-0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	100.61	13.13	-15.81	-11.13	8.96	0.02	0.01	-0.02	0.00	0.01	0.01	0.00	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-1933.66	-2493.99	358.72	-80.12	-41.61	-95.61	-130.74	-43.98	3.72	28.73	46.22	-3.68	12.43	28.04	13.33	3.62
MRBLD1CB42P75_SIN			0.00	181.99	-36.87	182.98	25.23	-73.11	53.33	-40.70	20.18	16.94	-28.08	107.41	20.36	6.76	22.17	-8.44

RUN	POINT		Harmonics															
	48	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3570.48	-1593.73	380.07	-199.50	37.83	-26.77	-81.72	-42.49	11.60	39.74	11.29	4.12	9.88	19.74	14.04	9.84
MRBLD1CB70_SIN			0.00	165.14	-51.64	172.04	262.67	-47.44	55.46	-2.34	18.73	14.31	-23.27	74.80	7.72	-4.08	15.80	-12.07
MRBLD1CB120_COS			-563.55	-616.22	355.53	-185.15	3.10	70.35	30.24	-19.79	-26.32	-14.46	0.27	7.71	1.43	-5.87	-4.50	2.17
MRBLD1CB120_SIN			0.00	234.93	-113.65	87.72	231.88	22.55	12.05	-4.43	-7.14	-10.22	28.16	-42.88	-4.15	-0.58	-0.16	-0.26
MRBLD1CB164_COS			-1970.35	-181.49	130.72	-102.08	-52.40	66.56	81.45	0.34	-32.80	-28.97	12.06	6.51	-2.27	-11.80	-12.15	-13.09
MRBLD1CB164_SIN			0.00	116.01	-33.72	40.14	98.53	41.47	-7.09	1.08	-19.07	-12.84	32.36	-40.68	-0.53	5.72	-4.89	12.96
MRBLD1FB42P75_COS			2701.12	493.70	-153.54	109.39	-476.78	-178.32	-235.74	-185.35	-112.91	-74.03	94.47	34.20	34.01	40.51	43.67	-12.75
MRBLD1FB42P75_SIN			0.00	-51.28	33.71	665.82	-434.20	203.57	116.16	-102.35	58.68	-1.00	-96.38	55.03	-7.60	-23.55	3.65	-27.15
MRBLD1FB70_COS			539.30	8.06	-58.42	-8.45	-140.68	-47.78	-44.36	-22.56	-2.78	2.61	2.40	2.25	-1.35	-5.39	-8.47	3.19
MRBLD1FB70_SIN			0.00	-211.54	24.91	212.43	-137.79	38.25	24.97	-18.62	10.63	3.77	-0.52	1.21	3.32	4.89	-0.32	6.64
MRBLD1FB87_COS			52.16	38.25	-65.38	-31.22	-68.72	-21.97	3.95	15.73	16.55	14.07	-18.79	-7.84	-5.99	-7.48	-8.74	3.07
MRBLD1FB87_SIN			0.00	-222.63	37.07	137.18	-52.19	11.48	-5.77	5.92	-10.66	-2.01	19.38	-18.77	1.28	7.51	1.21	7.15
MRBLD1FB120_COS			-280.64	3.12	-131.64	-35.59	1.89	21.16	54.43	31.93	5.64	-3.90	-2.74	-2.54	2.21	6.37	11.01	-5.26
MRBLD1FB120_SIN			0.00	-265.42	56.54	198.83	72.36	-16.77	-29.85	26.63	-14.68	-4.60	-4.71	9.27	-4.83	-11.19	-2.00	-10.90
MRBLD1FB164_COS			-189.39	98.37	-251.74	68.69	290.57	105.35	-31.99	-44.74	-21.30	3.99	3.32	4.26	-4.52	-5.54	-4.15	4.28
MRBLD1FB164_SIN			0.00	-446.25	46.31	253.86	241.12	-58.66	7.76	-37.28	22.95	7.68	6.02	-23.00	2.16	12.59	3.98	3.10

RUN	POINT		Harmonics															
	48	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-316.42	23.56	-140.07	4.40	211.86	96.57	-75.36	-65.28	19.52	38.29	-38.40	-21.05	-5.72	3.18	9.43	-8.69
MRBLD1FB180_SIN			0.00	-345.83	47.69	115.16	120.28	-39.22	23.49	-21.94	4.74	-18.70	31.42	-29.16	-1.85	-10.30	-4.14	-12.53
MRBLD1TOR51_COS			-1774.09	96.90	72.96	9.36	-40.28	-30.95	-40.25	-34.59	-0.35	12.91	-3.59	-2.12	-3.53	2.35	5.51	4.71
MRBLD1TOR51_SIN			0.00	-295.98	33.15	96.91	-24.14	-0.83	46.15	6.48	2.96	-8.79	-1.49	-5.02	-0.94	-1.84	-0.40	-5.09
MRBLD1TOR71_COS			-616.07	126.66	51.04	13.66	-23.68	-18.18	-22.90	-25.50	3.46	11.97	-7.71	-2.10	-3.05	1.03	3.76	2.75
MRBLD1TOR71_SIN			0.00	-287.59	27.57	55.99	-12.60	-3.72	40.24	14.58	4.07	-6.21	2.92	-7.24	-0.91	-0.66	-1.14	-3.39
MRBLD1TOR130_COS			-385.86	108.98	63.56	24.71	-3.81	-7.08	-12.74	-18.29	-3.92	1.85	7.63	-4.60	1.74	1.01	-1.62	-3.37
MRBLD1TOR130_SIN			0.00	-282.61	14.34	28.26	17.12	-6.72	30.27	8.43	4.48	-6.51	5.49	6.48	1.89	2.20	-0.20	1.59
MRBLD1TOR164_COS			-493.97	60.91	67.04	12.57	-20.11	-28.45	-16.20	-3.03	7.83	2.68	-4.78	-1.76	4.05	2.02	-2.73	-2.62
MRBLD1TOR164_SIN			0.00	-166.85	1.54	-28.38	-31.93	0.27	15.08	9.25	1.14	-3.63	3.87	0.40	-1.30	0.91	2.43	-0.06
MRFBM1CB26P5_COS			-2674.63	-1302.46	133.21	53.14	-21.20	-13.03	-13.66	-3.90	-3.72	-4.74	10.39	-2.26	0.88	1.83	0.74	-0.42
MRFBM1CB26P5_SIN			0.00	-153.59	31.69	8.55	-46.73	-28.10	-1.09	-11.77	-0.68	-2.29	-0.46	1.53	1.01	1.45	1.43	-0.58
MRFBM1FB9_COS			502.50	373.57	-44.94	45.75	38.73	28.22	18.96	4.04	5.06	0.75	-4.69	1.90	-0.53	-0.98	0.09	-1.13
MRFBM1FB9_SIN			0.00	91.21	6.07	-189.96	58.46	-5.62	-1.59	10.85	1.73	1.15	-0.61	-2.83	-1.22	-1.41	-1.55	0.28
MRFBM1TOR26P5_COS			-234.04	92.02	1.51	0.00	0.17	-0.10	-0.79	-0.14	0.05	0.25	-0.16	0.15	-0.12	-0.05	0.02	0.06
MRFBM1TOR26P5_SIN			0.00	-140.46	1.45	0.45	0.38	-0.01	1.21	-0.01	0.07	0.12	-0.26	-0.20	0.01	-0.05	0.01	0.01

RUN	POINT		Harmonics															
	48	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-621.47	-2084.59	257.72	13.72	-87.56	-88.08	-91.36	-36.83	-10.39	5.51	45.65	1.75	13.32	23.67	10.61	3.54
MRPC1CB33P25_SIN			0.00	319.47	-58.99	132.82	-95.29	-31.46	33.43	-52.12	3.09	-0.40	-19.54	68.22	14.44	3.09	17.56	-8.95
MRPC1FB33P25_COS			1954.53	401.09	-168.79	-15.22	-286.72	-198.37	-233.28	-102.91	-110.27	-55.71	123.02	-13.74	27.05	44.49	23.01	17.02
MRPC1FB33P25_SIN			0.00	119.50	-7.43	568.69	-450.47	116.10	7.21	-157.48	-8.80	-40.20	-16.75	64.27	16.30	14.11	41.26	-27.17
MRPC1TOR25P5_COS			-234.21	-26.36	-116.33	-0.90	46.06	25.10	32.62	32.76	-3.73	-15.01	14.23	-2.19	8.20	3.87	-4.05	-6.83
MRPC1TOR25P5_SIN			0.00	197.42	-57.03	-98.84	21.63	8.79	-49.89	-11.71	-5.27	5.76	6.93	16.17	1.16	4.23	5.02	3.73
MRPLK1LOAD_COS			7.34	-5.18	-12.60	-2.30	5.60	4.12	5.93	5.36	-0.19	-2.13	1.92	-1.13	1.35	0.57	-0.80	-1.19
MRPLK1LOAD_SIN			0.00	18.12	-6.43	-12.64	1.99	1.17	-7.50	-1.25	-0.42	0.46	1.66	2.27	0.20	0.88	0.36	0.49
PITCHRH_COS			2042.42	-9033.47	1.26	-9.03	-25.40	-2497.74	5.92	23.51	-17.03	-37.11	-234.06	9.98	61.79	-4.78	-5.50	71.17
PITCHRH_SIN			0.00	1329.26	-738.22	-88.86	-85.96	-960.29	-166.28	103.37	125.15	-31.01	-8.38	-40.29	50.14	38.80	-6.33	-1.20
ROLLRH_COS			632.87	-1149.15	736.42	-6.69	-28.12	1812.33	80.30	-18.58	-150.76	30.22	293.90	50.44	-0.08	50.79	-48.56	-118.94
ROLLRH_SIN			0.00	-8957.56	128.46	26.23	-33.24	-724.74	3.31	-19.72	-179.76	-41.17	-60.58	-20.96	75.60	-39.67	36.72	190.38
TORQ_COS			68161.23	178.51	20.09	66.40	22.29	173.81	-6.15	10.08	-7.83	-1.90	-20.88	-0.97	4.38	-1.10	-1.39	-0.63
TORQ_SIN			0.00	866.89	-14.33	-5.39	-82.50	251.72	7.95	22.45	-9.36	-6.12	-6.98	8.65	-8.50	6.26	-2.60	-7.08
THRUST_COS			5727.48	-58.70	11.51	8.13	-6.79	90.08	-1.17	14.01	-2.27	-0.82	-37.58	-3.18	-0.19	1.26	0.49	-16.94
THRUST_SIN			0.00	-131.06	-11.79	-15.16	19.05	-54.09	5.66	3.94	-5.75	-1.66	33.62	-3.61	1.14	2.53	-3.99	-0.55

RUN	POINT		Harmonics															
	48	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-178.10	44.15	-19.35	-0.41	13.54	-58.01	-6.66	0.80	4.32	-0.04	-14.69	-2.17	0.26	-1.58	1.38	3.14
SIDERH_SIN			0.00	225.34	-4.50	2.14	-20.26	81.18	0.36	0.04	4.45	3.35	1.52	-0.20	-2.27	0.99	-1.19	-6.31
DRAGRH_COS			-251.87	234.77	13.30	-1.89	-7.68	73.88	-1.82	0.73	-3.56	0.20	21.39	-1.03	-4.93	0.46	0.24	-2.36
DRAGRH_SIN			0.00	-37.67	12.77	-1.89	-0.46	-227.19	9.37	-2.80	-4.42	3.02	-1.65	4.77	-0.86	-2.08	-0.14	1.84

RUN	POINT		Harmonics															
	48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-16.15	0.25	-3.90	-2.21	-1.44	-0.10	0.16	0.40	0.29	0.02	-0.03	0.06	0.09	0.11	0.01	0.01
ACT1FORCE_SIN			0.00	12.10	0.66	-0.19	0.02	-0.29	-0.25	-0.24	0.18	0.16	0.12	0.11	0.01	-0.05	0.07	0.03
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			310.96	-12.59	29.80	18.56	13.41	7.35	0.00	-0.01	0.00	0.00	0.01	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-96.19	-8.28	6.60	3.08	1.32	-0.03	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			494.99	12.76	-29.83	-18.63	-13.46	-7.40	-0.01	0.00	0.01	0.00	-0.01	0.00	0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	96.37	8.39	-6.55	-3.03	-1.30	0.02	-0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01
MRBLD1CB42P75_COS			-1905.15	-853.24	447.01	-26.43	-130.60	-144.90	-100.04	-142.01	23.17	54.94	49.47	64.07	36.45	22.33	-0.57	5.65
MRBLD1CB42P75_SIN			0.00	1511.82	39.68	109.16	111.58	-75.31	47.75	87.50	-27.75	-16.07	38.83	87.67	31.36	16.20	-0.72	0.61

RUN	POINT		Harmonics															
	48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3605.26	-516.36	495.17	-154.09	-122.51	-94.86	-132.18	-86.27	26.36	53.45	27.95	54.81	22.51	13.46	1.23	9.55
MRBLD1CB70_SIN			0.00	1078.93	-0.24	138.83	365.02	-58.45	141.61	94.91	-13.38	-15.09	-7.42	61.68	9.51	4.94	1.48	-1.42
MRBLD1CB120_COS			-434.59	-177.24	483.42	-166.74	-111.75	0.34	-109.07	-47.39	-50.09	-13.87	4.76	-16.48	-5.68	-7.28	-4.06	1.30
MRBLD1CB120_SIN			0.00	662.76	-106.31	57.70	414.96	-25.83	147.94	51.06	-10.37	20.08	-3.85	-38.36	-12.46	-1.69	2.50	0.93
MRBLD1CB164_COS			-1997.21	-77.12	169.10	-103.27	-96.48	42.99	5.03	24.29	-52.87	-32.93	6.87	-17.64	-5.12	-9.26	-7.58	-11.84
MRBLD1CB164_SIN			0.00	238.34	-41.56	-3.58	188.59	27.66	44.70	-25.93	2.00	24.40	20.11	-43.22	-4.91	-0.48	3.49	6.54
MRBLD1FB42P75_COS			2865.94	-4.78	-191.13	103.76	-254.97	-207.82	-184.78	-309.69	-158.30	-2.95	128.80	61.23	72.71	43.85	-1.16	7.12
MRBLD1FB42P75_SIN			0.00	-259.45	15.30	463.99	93.82	131.90	97.63	318.08	-17.18	-16.53	6.36	0.76	-12.19	-12.04	-6.06	-21.31
MRBLD1FB70_COS			565.71	-21.85	-89.38	-1.01	-93.65	-60.98	-35.31	-43.99	-8.46	6.75	3.69	0.32	-5.33	-5.55	0.55	-1.08
MRBLD1FB70_SIN			0.00	-191.56	18.55	141.74	29.46	15.07	22.18	58.62	-1.38	0.82	1.01	2.35	2.96	2.78	1.76	4.63
MRBLD1FB87_COS			42.74	6.33	-92.69	-20.72	-47.70	-27.38	3.18	30.57	22.04	4.95	-24.07	-14.99	-13.61	-7.89	1.56	-0.44
MRBLD1FB87_SIN			0.00	-232.24	30.09	95.70	18.64	3.54	-12.16	-29.96	-3.22	-2.76	-5.03	-4.08	2.50	5.63	3.74	7.03
MRBLD1FB120_COS			-378.39	-11.42	-184.91	-28.16	8.55	35.63	37.26	61.05	20.83	-14.23	-7.40	6.15	9.89	4.64	-3.30	1.89
MRBLD1FB120_SIN			0.00	-317.94	57.98	158.87	36.24	-1.25	-25.72	-86.25	0.91	4.61	-0.81	-1.16	-2.83	-7.89	-7.66	-9.89
MRBLD1FB164_COS			116.25	-6.63	-238.14	60.18	191.57	78.70	-11.50	-109.54	-40.55	17.98	12.45	-4.91	-20.99	-7.54	9.72	4.66
MRBLD1FB164_SIN			0.00	-363.28	54.70	308.05	28.68	-74.73	21.86	118.99	-8.20	-4.07	-9.08	-7.42	2.56	4.35	2.53	5.74

RUN	POINT		Harmonics															
	48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			8.55	-47.87	-128.40	23.90	162.39	33.33	-68.16	-87.67	20.95	20.36	-52.93	-28.22	-10.61	-0.26	-7.54	1.65
MRBLD1FB180_SIN			0.00	-241.60	38.54	155.20	31.83	-59.10	-6.97	119.40	-1.94	-36.63	-34.64	-6.32	-0.25	-11.35	-8.36	-10.10
MRBLD1TOR51_COS			-1303.57	92.52	31.06	-6.69	-33.46	-20.37	-58.37	-41.09	12.64	12.74	-5.43	-4.40	-0.90	3.74	3.65	4.81
MRBLD1TOR51_SIN			0.00	11.95	44.99	49.60	-5.20	27.68	38.20	79.78	4.08	-5.67	-15.12	-7.18	-1.74	0.12	-3.95	-5.13
MRBLD1TOR71_COS			-175.13	100.42	6.05	-2.81	-16.27	-5.13	-39.82	-18.90	14.10	7.80	-8.82	-6.90	-2.55	2.43	2.37	2.98
MRBLD1TOR71_SIN			0.00	-11.28	34.07	20.63	-16.70	26.48	33.54	67.52	10.28	-2.50	-14.26	-7.58	-3.13	-0.29	-2.65	-3.69
MRBLD1TOR130_COS			67.98	90.49	21.49	4.64	1.17	4.97	-22.98	-24.02	0.95	3.22	1.75	-0.67	1.93	0.16	-3.38	-4.29
MRBLD1TOR130_SIN			0.00	5.23	23.04	6.66	-13.21	21.60	30.71	55.02	2.46	1.35	5.60	6.15	2.56	1.73	1.69	1.49
MRBLD1TOR164_COS			-176.31	64.48	39.00	6.36	-21.92	-21.71	-15.96	4.77	8.16	-1.91	-2.08	1.28	1.46	-0.67	-3.07	-1.33
MRBLD1TOR164_SIN			0.00	38.03	3.85	-36.43	-15.98	9.01	16.02	27.39	3.24	-4.22	-2.39	4.32	-0.14	-1.81	0.15	3.46
MRFBM1CB26P5_COS			-2690.62	-442.90	146.15	67.11	-2.07	-17.47	6.15	-19.22	-3.44	-1.34	5.77	-1.16	3.03	2.27	0.00	0.37
MRFBM1CB26P5_SIN			0.00	636.20	58.92	-20.52	-69.67	-20.13	-23.68	-2.50	-6.80	-0.43	13.40	0.72	3.29	1.49	-1.14	-0.55
MRFBM1FB9_COS			748.50	-478.53	-24.42	30.36	40.97	25.69	19.36	23.93	2.64	-1.95	-2.39	-0.89	-1.01	-0.56	-0.13	-0.71
MRFBM1FB9_SIN			0.00	-120.30	0.08	-140.00	-9.19	1.51	3.63	-1.78	5.28	-0.08	-3.51	-3.34	-2.71	-1.69	-0.12	-0.55
MRFBM1TOR26P5_COS			-224.41	88.22	0.89	-0.15	-0.25	0.00	-1.03	-0.16	0.25	0.35	-0.12	-0.02	-0.07	-0.03	0.11	0.08
MRFBM1TOR26P5_SIN			0.00	-140.72	1.24	0.27	0.19	-0.09	0.28	0.53	0.13	-0.08	-0.29	-0.28	0.03	-0.01	-0.01	-0.03

RUN	POINT		Harmonics															
	48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-546.37	-705.43	358.59	51.87	-93.26	-119.81	-66.61	-130.42	-9.17	26.79	48.14	42.79	31.96	19.51	-1.99	5.80
MRPC1CB33P25_SIN			0.00	1330.99	17.00	61.43	-12.58	-40.87	8.81	58.21	-39.77	-15.03	41.21	51.17	22.99	13.17	-1.32	0.00
MRPC1FB33P25_COS			2076.89	-21.47	-182.66	19.75	-229.29	-205.08	-182.27	-369.55	-112.93	5.81	90.72	44.72	57.73	38.32	3.74	22.26
MRPC1FB33P25_SIN			0.00	-99.65	-34.07	402.69	39.76	46.41	13.81	122.29	-87.94	-15.72	80.50	44.81	41.46	27.15	-2.52	-4.87
MRPC1TOR25P5_COS			-728.18	-10.89	-56.89	23.58	21.23	14.85	58.11	27.13	-16.64	-14.77	13.21	9.79	5.79	-0.01	-6.06	-6.48
MRPC1TOR25P5_SIN			0.00	-126.40	-78.35	-40.50	20.14	-31.62	-35.45	-82.38	-11.75	6.68	25.19	19.19	3.82	1.09	5.58	6.80
MRPLK1LOAD_COS			-55.39	-1.66	-7.12	0.43	3.46	2.68	8.93	5.39	-2.29	-2.75	1.77	0.76	0.75	0.02	-1.31	-1.27
MRPLK1LOAD_SIN			0.00	-21.12	-8.58	-6.61	0.76	-2.77	-5.40	-11.84	-1.17	0.77	3.57	3.18	0.29	0.17	0.76	1.01
PITCHRH_COS			17047.79	-9124.34	-429.24	32.05	-40.15	-523.17	93.90	-77.58	65.42	-72.12	99.89	10.60	44.28	-19.42	-10.22	-72.34
PITCHRH_SIN			0.00	1185.11	-475.47	114.47	-48.63	-265.81	-153.16	144.10	-122.36	-54.82	-76.09	-7.73	-16.75	1.95	-10.23	-45.89
ROLLRH_COS			4844.11	-973.87	489.82	-46.80	58.62	-645.85	45.70	-8.67	53.89	135.35	346.02	2.61	39.53	-3.03	-22.39	4.52
ROLLRH_SIN			0.00	-8999.05	-408.68	110.13	-79.78	360.35	6.20	-79.98	-358.19	-79.61	-80.97	-1.66	4.54	28.30	6.91	125.30
TORQ_COS			69771.31	390.83	5.07	31.55	16.95	204.24	8.43	46.44	-14.75	0.39	-24.80	6.71	-0.51	-4.10	-0.25	1.22
TORQ_SIN			0.00	691.18	-27.58	19.09	-60.12	136.64	10.91	16.09	-2.85	-4.52	-59.22	8.46	-6.99	6.91	-2.80	-5.62
THRUST_COS			6464.10	-67.97	-2.40	14.71	2.49	84.87	3.66	29.15	1.61	0.74	-49.73	3.79	-3.10	-0.39	2.18	-18.49
THRUST_SIN			0.00	-112.46	6.73	-0.20	22.06	-39.83	2.83	-0.18	-0.97	1.30	-3.23	2.71	0.80	1.41	-8.32	-7.47

RUN	POINT		Harmonics															
	48	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-175.68	38.21	-10.71	-2.84	-2.90	4.79	-0.11	-0.52	-0.93	-6.17	-17.98	-0.44	-1.12	-0.09	0.73	-0.01
SIDERH_SIN			0.00	239.85	6.99	3.01	17.56	-129.41	-4.84	0.01	10.18	4.83	5.68	-0.37	-0.34	-0.67	-0.26	-3.43
DRAGRH_COS			-83.39	233.98	10.36	-3.24	7.47	112.86	-17.58	-2.36	-0.48	1.24	5.21	0.24	-2.06	1.36	1.05	5.19
DRAGRH_SIN			0.00	-41.84	7.63	0.83	7.23	131.94	13.12	1.82	0.34	7.16	1.69	1.94	2.93	-0.60	0.11	1.92

RUN	POINT		Harmonics															
	48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-19.37	0.68	-2.70	-2.08	-1.29	-0.45	0.10	0.25	0.32	0.06	0.01	0.08	0.20	0.13	0.01	0.04
ACT1FORCE_SIN			0.00	10.15	0.58	0.14	0.64	-0.57	-0.20	-0.36	-0.05	0.01	0.04	0.07	-0.01	0.03	0.04	0.05
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			165.07	-15.09	21.90	15.83	12.60	9.59	-0.02	-0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-81.24	-7.36	3.90	-2.20	4.03	-0.02	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			641.19	15.30	-21.93	-15.89	-12.62	-9.68	0.01	0.01	0.00	-0.01	0.01	0.01	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	81.42	7.50	-3.81	2.30	-3.95	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
MRBLD1CB42P75_COS			-1837.48	-641.42	408.94	-26.11	-170.19	-136.32	-101.08	-141.06	26.71	40.27	35.28	78.17	34.81	18.56	1.82	3.62
MRBLD1CB42P75_SIN			0.00	1547.90	27.92	85.64	154.71	-92.14	34.30	115.99	-25.05	-19.74	48.63	83.65	34.72	18.31	-7.70	2.35

RUN	POINT		Harmonics															
	48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3647.14	-373.24	475.25	-169.40	-190.45	-82.25	-152.45	-81.71	31.40	38.97	26.75	66.83	22.95	11.67	5.72	8.56
MRBLD1CB70_SIN			0.00	1109.44	-9.75	120.74	420.03	-85.85	155.52	120.21	-7.02	-15.39	-10.50	59.52	11.20	10.13	-1.39	3.08
MRBLD1CB120_COS			-405.81	-111.25	477.08	-184.29	-153.84	4.46	-141.09	-47.18	-46.35	-4.56	11.68	-23.55	-4.00	-7.64	-2.06	1.13
MRBLD1CB120_SIN			0.00	682.27	-113.95	48.13	473.83	-57.42	189.67	72.12	-10.79	35.52	-2.54	-32.98	-11.65	-1.66	3.82	2.61
MRBLD1CB164_COS			-2017.00	-57.40	172.18	-110.98	-107.90	41.56	-12.46	24.41	-51.91	-24.32	5.05	-25.51	-6.08	-9.59	-12.31	-10.30
MRBLD1CB164_SIN			0.00	240.77	-43.14	-13.06	214.77	21.64	66.53	-27.09	-0.85	36.02	27.08	-40.10	-4.70	-4.78	3.92	3.15
MRBLD1FB42P75_COS			2883.43	-61.53	-233.51	109.04	-142.55	-223.61	-181.27	-293.69	-159.35	15.21	127.82	60.59	78.16	39.73	-8.07	10.65
MRBLD1FB42P75_SIN			0.00	-253.35	21.03	470.06	177.94	75.44	87.92	383.32	-33.05	-11.17	57.65	3.82	1.29	-3.05	-18.11	-12.35
MRBLD1FB70_COS			575.88	-23.78	-106.85	2.96	-63.31	-64.93	-35.88	-39.82	-9.17	7.87	4.12	0.26	-5.82	-5.47	1.44	-1.89
MRBLD1FB70_SIN			0.00	-183.89	17.21	141.03	58.20	-1.28	19.13	71.48	-2.95	0.77	2.06	1.99	1.69	1.53	3.88	2.68
MRBLD1FB87_COS			44.89	1.80	-104.05	-16.15	-36.07	-27.60	3.30	30.13	22.12	1.50	-24.04	-15.73	-15.85	-7.02	3.35	-1.22
MRBLD1FB87_SIN			0.00	-226.92	27.59	97.35	30.21	-1.54	-11.66	-35.10	-0.08	-3.20	-16.21	-3.31	-0.12	3.46	7.10	5.62
MRBLD1FB120_COS			-389.53	-19.00	-193.16	-28.39	6.37	35.81	36.10	55.94	21.85	-15.76	-7.34	6.84	11.89	3.74	-5.69	2.58
MRBLD1FB120_SIN			0.00	-319.57	58.48	165.18	32.15	8.45	-22.99	-105.36	2.70	2.81	0.94	-2.17	-0.72	-5.01	-11.86	-7.32
MRBLD1FB164_COS			198.66	-38.06	-246.22	53.09	140.77	75.66	-2.05	-108.31	-44.19	19.69	14.31	-6.92	-25.65	-6.81	13.10	4.76
MRBLD1FB164_SIN			0.00	-319.19	52.77	341.70	-8.89	-59.71	21.86	145.85	-12.06	-4.99	-11.82	-5.41	-0.96	0.68	5.77	6.47

RUN	POINT		Harmonics															
	48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			90.21	-66.73	-139.90	27.34	134.13	18.81	-63.56	-75.24	18.92	12.83	-54.07	-29.93	-12.14	-2.33	-10.48	3.06
MRBLD1FB180_SIN			0.00	-199.43	34.51	171.91	20.21	-53.85	-19.30	147.01	5.07	-36.85	-57.50	-4.23	1.38	-9.63	-13.50	-7.38
MRBLD1TOR51_COS			-1185.82	83.81	7.74	-8.99	-26.33	-11.18	-72.81	-33.85	15.39	11.95	-4.97	-3.48	-0.95	2.88	3.13	4.55
MRBLD1TOR51_SIN			0.00	93.12	42.52	40.92	-1.64	33.94	30.24	92.19	5.86	-4.17	-20.12	-8.30	-1.13	1.74	-5.43	-4.71
MRBLD1TOR71_COS			-62.62	89.82	-13.78	-4.95	-10.72	2.61	-52.47	-12.32	16.45	7.33	-7.20	-6.42	-2.36	1.86	2.01	2.90
MRBLD1TOR71_SIN			0.00	66.23	31.66	13.08	-17.93	34.83	26.51	76.02	11.94	-1.40	-19.65	-8.25	-3.21	0.85	-3.23	-3.85
MRBLD1TOR130_COS			182.94	81.61	4.42	0.68	2.18	11.68	-31.88	-20.16	2.58	4.28	-0.32	-0.45	2.18	0.06	-2.97	-3.84
MRBLD1TOR130_SIN			0.00	84.76	22.68	-0.24	-20.46	30.63	26.32	62.01	2.62	3.10	6.46	5.92	2.34	1.38	2.23	0.80
MRBLD1TOR164_COS			-91.81	63.04	29.37	6.21	-18.38	-17.06	-19.01	8.02	7.97	-1.84	-0.87	0.89	0.85	-0.86	-1.79	-1.80
MRBLD1TOR164_SIN			0.00	93.67	4.13	-43.17	-13.04	8.30	13.45	30.37	4.45	-4.80	-3.08	5.48	-0.13	-3.10	0.41	4.33
MRFBM1CB26P5_COS			-2632.02	-330.94	127.93	72.06	-2.29	-20.24	10.84	-20.61	-4.31	-0.71	1.93	-1.51	2.52	1.65	-0.26	-0.18
MRFBM1CB26P5_SIN			0.00	658.09	54.54	-29.24	-74.95	-15.80	-30.46	-1.43	-8.53	-0.31	17.84	0.56	4.30	1.00	-2.05	-0.44
MRFBM1FB9_COS			756.61	-564.43	8.32	29.52	34.02	24.10	20.68	25.44	2.14	-1.78	-1.03	-1.07	-0.56	-0.23	-0.58	-0.36
MRFBM1FB9_SIN			0.00	-140.91	1.05	-140.10	-24.11	7.50	5.91	-5.26	5.47	-0.51	-3.87	-3.54	-2.88	-1.66	0.21	-0.52
MRFBM1TOR26P5_COS			-223.27	87.78	0.74	-0.17	-0.38	0.12	-1.33	-0.07	0.27	0.28	-0.07	-0.02	-0.09	-0.01	0.09	0.08
MRFBM1TOR26P5_SIN			0.00	-139.85	1.27	0.18	0.14	-0.13	0.13	0.62	0.16	-0.07	-0.40	-0.29	0.04	0.00	-0.03	-0.03

RUN	POINT		Harmonics															
	48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-498.57	-528.06	321.87	58.98	-100.69	-119.97	-63.28	-131.80	-8.47	21.03	34.08	49.07	30.90	14.98	-0.57	3.41
MRPC1CB33P25_SIN			0.00	1350.12	10.17	42.56	17.19	-51.28	-5.16	80.75	-42.66	-14.84	57.16	48.67	27.41	14.57	-7.27	2.49
MRPC1FB33P25_COS			2086.11	-70.91	-216.88	24.96	-158.66	-201.08	-174.11	-381.97	-107.19	15.16	61.11	43.85	52.35	29.19	10.33	16.02
MRPC1FB33P25_SIN			0.00	-99.98	-34.79	409.35	135.43	-4.72	9.00	179.67	-100.49	-2.63	115.91	46.51	53.99	29.65	-15.43	3.03
MRPC1TOR25P5_COS			-850.65	0.03	-32.45	26.67	11.60	6.88	75.10	18.63	-18.84	-13.84	10.46	9.74	5.79	0.39	-3.96	-6.59
MRPC1TOR25P5_SIN			0.00	-211.27	-77.97	-29.27	19.74	-42.03	-26.61	-94.53	-13.55	5.39	32.90	20.87	3.69	-0.76	7.79	7.06
MRPLK1LOAD_COS			-71.08	-0.06	-3.95	0.66	2.11	1.53	11.38	4.15	-2.63	-2.44	1.36	0.75	0.85	0.04	-0.94	-1.29
MRPLK1LOAD_SIN			0.00	-31.72	-8.47	-5.42	0.75	-3.80	-4.40	-13.58	-1.41	0.55	4.72	3.52	0.18	-0.09	1.29	0.95
PITCHRH_COS			18774.78	-9190.79	-541.76	38.64	-32.04	82.03	-94.08	-62.58	52.27	-86.35	205.91	13.00	76.94	-36.64	20.30	-71.90
PITCHRH_SIN			0.00	1119.42	-519.82	76.50	-45.52	-378.93	-164.62	168.61	-97.96	-38.63	-73.14	25.26	-27.31	0.55	-1.82	-159.02
ROLLRH_COS			5098.04	-908.91	561.30	-61.16	50.65	-1050.78	100.80	-14.10	20.26	109.67	304.02	-28.57	56.46	5.65	-27.83	121.14
ROLLRH_SIN			0.00	-9029.53	-537.47	142.74	-44.50	921.43	-107.38	-95.54	-272.91	-108.05	-41.66	-2.87	24.32	9.09	2.21	156.97
TORQ_COS			71126.85	408.85	-5.08	41.73	39.47	186.66	8.11	51.41	-11.73	4.19	-15.48	8.40	-2.14	-3.79	1.98	0.62
TORQ_SIN			0.00	684.06	-12.38	27.91	-88.99	127.61	8.56	14.16	-0.71	-4.84	-81.91	9.10	-11.45	9.20	-1.89	-7.45
THRUST_COS			6487.41	-71.76	-7.76	22.28	3.70	80.70	0.74	33.07	3.22	2.05	-43.01	5.39	-4.15	-0.36	1.70	-20.63
THRUST_SIN			0.00	-116.21	4.24	-1.22	24.77	-18.18	7.60	-3.79	-2.91	1.83	-17.17	0.48	-0.70	3.40	-9.17	-16.58

RUN	POINT		Harmonics															
	48	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.83	41.57	-12.70	-3.95	-7.53	3.19	-2.09	-0.67	-0.80	-4.93	-16.97	0.95	-1.86	-0.34	0.75	-3.09
SIDERH_SIN			0.00	242.34	10.02	2.22	15.50	-181.81	7.22	-0.55	7.62	5.68	4.07	-0.22	-1.30	-0.43	-0.05	-4.19
DRAGRH_COS			-54.37	234.52	12.36	-3.29	8.84	162.48	1.02	-4.30	-2.32	3.04	-6.64	0.73	-3.73	1.98	-0.89	5.05
DRAGRH_SIN			0.00	-42.95	5.39	1.91	9.53	224.49	21.69	-0.80	-1.17	5.62	-0.56	-1.16	3.70	-0.70	-0.46	6.07

RUN	POINT		Harmonics															
	48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-21.52	1.39	-2.23	-1.77	-1.29	-0.62	-0.05	0.38	0.36	0.02	-0.07	0.04	0.15	0.08	-0.03	0.03
ACT1FORCE_SIN			0.00	9.24	0.58	0.30	1.06	-0.70	-0.08	-0.50	-0.01	-0.16	0.06	-0.08	0.05	-0.09	0.01	-0.10
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			77.66	-21.85	17.46	12.36	11.53	12.52	-0.02	0.00	-0.02	0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-71.74	-7.59	2.28	-5.54	4.97	-0.03	0.00	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			728.87	22.16	-17.52	-12.44	-11.54	-12.66	0.01	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	72.00	7.78	-2.18	5.68	-4.85	0.00	0.00	0.01	0.01	0.00	-0.01	0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS			-1850.09	-117.75	431.71	2.20	-210.54	-155.90	-88.83	-147.46	39.65	46.37	51.40	105.78	39.41	23.38	-1.12	1.79
MRBLD1CB42P75_SIN			0.00	1917.61	-9.83	68.69	166.40	-60.56	39.02	135.07	-23.27	-24.76	37.54	77.68	32.93	16.22	-0.92	-1.27

RUN	POINT		Harmonics															
	48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3654.29	-41.45	512.78	-147.85	-235.14	-124.36	-161.12	-75.13	39.40	42.22	39.50	86.62	26.37	15.08	6.11	7.50
MRBLD1CB70_SIN			0.00	1359.54	-31.03	114.26	423.23	-10.33	170.94	134.75	-8.93	-21.86	-24.45	52.14	9.00	3.82	0.05	-3.07
MRBLD1CB120_COS			-364.01	21.21	519.41	-172.90	-188.89	-42.34	-171.71	-40.29	-55.39	-5.26	7.10	-39.16	-5.92	-7.58	-0.78	3.05
MRBLD1CB120_SIN			0.00	794.02	-129.54	47.72	500.27	11.16	210.62	89.28	-18.47	41.82	3.94	-30.91	-12.50	-2.05	2.62	0.10
MRBLD1CB164_COS			-2035.34	-22.27	183.00	-109.45	-118.35	20.09	-32.95	30.79	-58.21	-25.59	-1.00	-37.89	-8.24	-11.97	-13.51	-11.53
MRBLD1CB164_SIN			0.00	265.89	-49.77	-19.42	234.58	51.65	67.13	-25.32	-2.97	45.07	35.26	-36.03	-2.87	-1.25	4.21	8.99
MRBLD1FB42P75_COS			2946.52	-205.06	-242.67	146.12	-128.96	-216.50	-155.60	-294.45	-154.61	33.04	137.81	72.10	79.25	43.24	2.91	1.17
MRBLD1FB42P75_SIN			0.00	-312.85	17.53	439.75	347.34	11.50	85.84	442.49	-45.88	-14.66	54.88	-2.56	-4.36	-9.34	-10.22	-22.11
MRBLD1FB70_COS			585.03	-31.48	-116.35	20.37	-64.67	-62.83	-28.76	-39.34	-7.29	9.58	4.06	0.08	-6.09	-5.58	0.34	0.56
MRBLD1FB70_SIN			0.00	-177.96	11.78	132.27	110.89	-12.90	21.22	84.02	-3.96	1.85	2.48	2.61	2.74	2.69	2.52	5.40
MRBLD1FB87_COS			41.47	-7.83	-115.73	-4.75	-35.91	-29.34	3.34	30.69	19.69	-0.13	-25.33	-19.51	-15.46	-8.03	-0.09	0.58
MRBLD1FB87_SIN			0.00	-227.10	24.47	91.78	53.26	-3.49	-13.39	-38.77	0.43	-4.10	-14.41	-1.27	0.94	5.83	4.86	6.92
MRBLD1FB120_COS			-412.15	-22.50	-213.95	-21.33	16.90	34.37	27.15	55.83	22.27	-19.85	-9.27	10.63	12.54	3.05	-1.48	1.37
MRBLD1FB120_SIN			0.00	-327.31	60.21	155.52	20.85	16.50	-25.99	-123.92	5.55	4.79	-0.85	-4.21	0.08	-6.86	-10.14	-9.36
MRBLD1FB164_COS			282.79	-65.57	-253.65	50.85	126.89	59.93	7.76	-111.79	-40.89	25.21	16.40	-11.17	-26.86	-5.84	12.20	4.64
MRBLD1FB164_SIN			0.00	-277.75	54.89	346.75	-75.97	-67.79	25.31	168.47	-16.41	-5.12	-10.96	-3.49	-0.12	1.62	5.11	8.17

RUN	POINT		Harmonics															
	48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			175.59	-86.34	-144.91	32.29	127.17	-2.53	-57.02	-66.29	21.36	7.39	-55.10	-31.79	-13.18	-4.74	-5.98	3.07
MRBLD1FB180_SIN			0.00	-158.30	32.50	175.17	-10.93	-63.48	-24.33	171.22	4.13	-41.68	-57.46	2.04	2.25	-13.64	-13.20	-11.00
MRBLD1TOR51_COS			-1069.23	81.04	-3.78	-11.94	-35.69	-8.65	-72.89	-29.16	21.49	12.54	-4.61	-4.00	-1.18	2.51	4.80	5.17
MRBLD1TOR51_SIN			0.00	178.19	43.16	36.64	4.23	37.45	28.25	108.73	4.78	-5.44	-21.08	-7.08	-0.58	0.52	-4.50	-4.43
MRBLD1TOR71_COS			46.61	80.49	-25.82	-9.46	-17.10	6.01	-53.03	-6.79	21.68	7.23	-7.55	-7.63	-2.59	1.75	2.72	3.73
MRBLD1TOR71_SIN			0.00	142.13	31.75	10.13	-18.05	38.59	24.36	89.30	11.66	-2.16	-19.85	-7.16	-2.51	-0.06	-3.51	-3.83
MRBLD1TOR130_COS			294.38	75.17	-7.37	-5.75	-1.62	13.93	-31.92	-17.91	5.96	5.71	0.00	0.25	2.44	0.61	-5.11	-4.20
MRBLD1TOR130_SIN			0.00	164.26	23.70	-2.11	-27.90	34.72	25.19	73.05	2.12	4.45	7.79	6.55	2.58	1.77	1.07	-0.06
MRBLD1TOR164_COS			-14.38	64.04	21.37	2.91	-23.30	-14.35	-17.30	10.44	8.09	-2.07	-0.58	1.23	0.17	-0.03	-2.90	-1.60
MRBLD1TOR164_SIN			0.00	149.57	5.99	-44.43	-7.48	9.60	13.24	35.60	3.60	-5.01	-2.58	5.95	-0.61	-3.73	0.50	3.47
MRFBM1CB26P5_COS			-2617.71	-108.63	142.36	77.79	-2.57	-19.06	16.17	-24.91	-3.51	0.25	2.31	-1.03	2.58	2.00	-0.93	0.15
MRFBM1CB26P5_SIN			0.00	887.47	50.69	-37.12	-78.41	-24.77	-33.95	-0.40	-8.28	0.07	19.08	1.29	4.25	1.90	-0.89	-1.03
MRFBM1FB9_COS			839.53	-798.75	17.38	18.05	40.56	21.62	19.34	27.47	1.32	-2.45	-1.56	-1.81	-0.79	-0.43	-0.33	-0.78
MRFBM1FB9_SIN			0.00	-209.57	0.35	-135.89	-42.84	10.40	7.03	-7.93	5.63	-0.86	-3.91	-4.02	-2.91	-1.60	-0.09	-0.31
MRFBM1TOR26P5_COS			-221.89	86.98	0.66	-0.13	-0.57	0.22	-1.38	-0.01	0.30	0.26	-0.09	-0.06	-0.11	-0.05	0.15	0.07
MRFBM1TOR26P5_SIN			0.00	-139.92	1.66	0.20	-0.03	-0.10	0.06	0.71	0.17	-0.11	-0.47	-0.29	0.01	0.00	0.01	0.02

RUN	POINT		Harmonics															
	48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-525.22	-44.78	331.83	86.65	-123.47	-126.20	-53.11	-140.59	-0.30	25.75	44.40	66.14	35.01	20.13	-1.71	3.40
MRPC1CB33P25_SIN			0.00	1612.55	-33.75	23.90	41.62	-51.33	-4.38	99.01	-45.00	-15.93	51.39	45.16	26.10	13.50	-0.94	-2.43
MRPC1FB33P25_COS			2133.10	-195.33	-219.71	62.70	-187.07	-179.52	-152.36	-407.43	-97.04	31.06	70.35	57.42	57.19	36.37	8.83	19.34
MRPC1FB33P25_SIN			0.00	-160.96	-38.67	392.14	277.01	-54.23	17.00	223.70	-108.99	3.58	119.57	50.48	52.61	28.44	-1.54	-11.61
MRPC1TOR25P5_COS			-973.71	5.53	-17.80	31.13	17.62	6.69	75.55	12.41	-25.16	-13.87	10.71	12.87	5.93	2.26	-8.65	-6.74
MRPC1TOR25P5_SIN			0.00	-295.63	-81.91	-20.98	14.86	-45.78	-24.62	-111.95	-12.78	7.18	34.01	19.50	3.04	0.04	5.65	3.48
MRPLK1LOAD_COS			-87.01	1.06	-2.32	1.48	3.06	1.11	11.57	3.10	-3.44	-2.41	1.44	1.36	0.97	0.45	-1.83	-1.25
MRPLK1LOAD_SIN			0.00	-42.36	-8.69	-4.77	0.16	-4.47	-4.11	-15.99	-1.42	0.99	5.05	3.43	0.24	-0.06	0.65	0.30
PITCHRH_COS			22806.79	-9174.15	-559.47	40.34	-45.99	556.68	55.30	-102.51	91.00	-97.17	291.82	-10.80	72.29	-31.96	-8.95	-88.00
PITCHRH_SIN			0.00	1121.04	-512.06	92.81	-96.26	-38.74	-262.51	214.38	-56.36	-50.87	-58.69	38.48	-37.71	4.46	16.29	-60.54
ROLLRH_COS			6218.97	-854.97	570.47	-38.93	-26.97	-1730.14	74.36	-41.10	-41.57	171.88	331.23	-49.76	57.70	23.51	-55.15	-16.53
ROLLRH_SIN			0.00	-9029.82	-562.02	147.76	-60.09	997.91	-74.41	-89.81	-167.32	-133.96	-85.55	-9.47	0.09	24.24	9.56	88.08
TORQ_COS			71489.84	444.71	-6.47	45.64	52.23	209.57	14.69	62.25	-20.21	4.85	-17.48	8.90	-1.82	-4.82	1.51	-0.31
TORQ_SIN			0.00	639.17	-9.98	35.46	-81.69	83.13	9.68	19.62	-5.62	-3.19	-88.65	9.39	-9.92	5.73	-3.57	-9.76
THRUST_COS			6712.84	-70.33	-7.14	23.90	1.44	69.05	2.42	42.10	3.62	1.45	-45.65	7.02	-2.26	-1.27	0.29	-18.56
THRUST_SIN			0.00	-115.05	2.70	0.31	26.77	-4.69	5.39	-2.19	-1.54	4.08	-12.45	0.57	-0.16	3.76	-9.18	-9.16

RUN	POINT		Harmonics															
	48	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.25	41.22	-10.82	-4.74	-1.63	28.67	-1.55	-0.64	0.08	-8.05	-17.51	1.61	-1.65	-0.86	1.56	0.82
SIDERH_SIN			0.00	244.69	7.50	2.12	3.90	-224.13	1.23	-0.42	4.92	7.49	6.84	0.45	-0.39	-0.71	-0.30	-1.90
DRAGRH_COS			2.74	234.13	11.91	-4.66	3.05	135.24	-16.69	-2.88	-3.12	2.02	-13.63	2.40	-4.41	2.32	0.24	6.27
DRAGRH_SIN			0.00	-44.89	8.43	1.97	13.33	308.18	15.02	0.84	0.69	6.90	-4.59	-0.55	5.03	-1.04	-0.96	1.72

RUN	POINT		Harmonics															
	48	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.99	0.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-9.51	-4.29	-4.96	-1.66	-1.36	-0.19	0.09	0.23	0.01	0.11	0.12	-0.02	0.05	-0.03	-0.05	0.03
ACT1FORCE_SIN			0.00	17.12	1.37	0.95	-0.03	-0.27	-0.40	0.20	0.17	0.31	0.08	0.03	0.05	0.05	0.05	0.14
FA1IBCURRENT_COS			-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			407.64	68.06	34.83	7.11	13.60	8.06	0.09	-0.04	0.01	-0.03	0.00	0.00	0.00	-0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	99.06	-17.70	-3.36	7.27	3.70	0.00	0.04	0.00	0.01	-0.01	-0.01	0.01	0.01	0.02	0.01
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			398.09	-68.27	-34.84	-7.08	-13.64	-8.07	-0.08	0.03	-0.01	0.03	0.00	0.00	0.00	0.02	0.01	0.02
FA1OBVOLTAGE_SIN			0.00	-99.22	17.81	3.33	-7.29	-3.69	-0.01	-0.04	0.00	-0.01	0.00	0.01	-0.01	-0.01	-0.01	-0.01
MRBLD1CB42P75_COS			-2172.33	-1763.21	335.79	-34.52	-51.54	-96.69	-105.03	-76.08	7.40	33.23	34.69	11.63	21.33	21.97	4.20	4.52
MRBLD1CB42P75_SIN			0.00	235.30	9.68	149.75	85.64	-66.04	49.19	-2.74	3.71	13.19	-5.48	73.63	21.31	14.32	13.91	-4.27

RUN	POINT		Harmonics															
	48	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3467.54	-1098.96	381.24	-140.60	4.29	-37.68	-79.50	-55.58	15.45	41.26	7.65	12.93	13.53	16.44	6.89	12.56
MRBLD1CB70_SIN			0.00	225.72	-18.99	153.65	315.61	-68.95	98.11	29.02	7.84	10.56	-19.55	50.32	7.25	5.23	9.51	-3.81
MRBLD1CB120_COS			-531.01	-420.41	379.37	-128.72	4.22	49.10	-10.32	-26.61	-28.69	-7.61	6.44	2.80	-2.18	-4.57	-3.66	2.67
MRBLD1CB120_SIN			0.00	264.13	-99.47	76.55	302.83	-30.85	81.88	15.70	-2.40	-2.54	16.95	-27.02	-5.23	-0.79	-0.16	1.11
MRBLD1CB164_COS			-1991.50	-132.85	134.80	-78.51	-47.08	54.01	46.33	8.27	-35.57	-25.00	14.39	2.27	-2.77	-9.82	-8.11	-13.95
MRBLD1CB164_SIN			0.00	146.97	-37.90	24.61	129.21	15.94	21.94	-2.78	-7.15	-5.50	30.75	-26.77	-0.38	0.84	-0.62	6.95
MRBLD1FB42P75_COS			2747.37	288.45	-196.80	158.28	-286.05	-163.92	-185.79	-219.17	-120.21	-44.87	98.66	38.25	44.00	39.04	19.89	-4.08
MRBLD1FB42P75_SIN			0.00	-16.33	17.53	508.66	-213.30	180.75	98.25	33.49	33.31	-6.52	-46.14	26.61	-8.20	-12.08	8.78	-23.39
MRBLD1FB70_COS			527.65	-2.81	-81.58	15.60	-89.63	-45.77	-34.74	-28.24	-3.68	5.11	2.96	1.72	-2.50	-5.00	-3.21	1.22
MRBLD1FB70_SIN			0.00	-195.29	19.03	158.56	-66.47	31.19	21.27	6.68	6.64	3.27	0.88	2.17	3.13	2.57	-1.52	5.28
MRBLD1FB87_COS			36.80	24.03	-82.52	-14.39	-47.81	-21.81	2.06	19.76	17.75	10.11	-18.37	-7.20	-7.45	-6.71	-3.03	1.71
MRBLD1FB87_SIN			0.00	-213.17	30.62	106.28	-21.70	9.17	-7.00	-6.22	-8.54	-2.54	7.07	-10.71	1.59	5.01	0.63	7.40
MRBLD1FB120_COS			-344.81	2.75	-165.30	-20.91	-0.82	22.09	39.30	40.38	9.22	-9.15	-4.24	-2.50	3.21	5.21	2.72	-2.33
MRBLD1FB120_SIN			0.00	-265.23	56.84	161.99	58.71	-12.38	-23.81	-9.00	-8.25	-1.83	-2.49	4.10	-3.98	-7.99	-1.24	-10.81
MRBLD1FB164_COS			-30.96	38.37	-224.37	69.12	203.15	79.41	-18.44	-66.19	-24.92	11.71	6.31	1.91	-9.02	-5.28	0.97	3.95
MRBLD1FB164_SIN			0.00	-424.10	62.09	243.47	141.74	-65.00	8.30	9.68	10.71	4.95	-0.81	-14.48	2.27	7.80	2.19	4.37

RUN	POINT		Harmonics															
	48	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-136.82	-14.27	-114.43	16.30	162.47	61.03	-63.68	-68.21	20.63	29.35	-38.53	-17.89	-9.47	0.18	-0.09	-3.57
MRBLD1FB180_SIN			0.00	-327.74	51.49	116.35	75.73	-47.08	8.53	21.80	1.60	-22.14	5.70	-15.47	-1.92	-7.88	-1.88	-12.35
MRBLD1TOR51_COS			-1470.78	90.13	66.25	7.51	-30.59	-27.70	-43.85	-33.14	4.21	13.25	-4.69	-2.32	-2.24	2.76	3.52	5.00
MRBLD1TOR51_SIN			0.00	-198.19	41.91	68.50	-11.84	5.11	47.00	25.74	2.12	-4.65	-6.85	-5.02	-1.97	-0.81	-0.85	-4.95
MRBLD1TOR71_COS			-323.52	110.06	45.73	8.63	-17.99	-14.75	-28.23	-20.35	7.13	10.67	-7.63	-2.70	-2.90	1.53	2.13	3.18
MRBLD1TOR71_SIN			0.00	-193.79	33.68	35.57	-11.50	3.09	41.13	27.08	4.87	-2.15	-4.78	-5.20	-2.34	-0.83	-0.98	-3.05
MRBLD1TOR130_COS			-85.91	95.51	63.01	13.52	-3.46	-4.30	-15.99	-17.95	-1.36	2.34	4.88	-1.53	1.08	0.64	-2.29	-3.41
MRBLD1TOR130_SIN			0.00	-187.28	22.67	15.84	5.41	0.12	32.84	19.33	3.35	-1.63	3.35	6.84	2.10	1.52	0.74	2.17
MRBLD1TOR164_COS			-274.51	60.05	69.02	6.87	-17.38	-23.47	-14.87	0.21	7.37	0.26	-3.01	0.07	1.86	0.43	-3.28	-2.14
MRBLD1TOR164_SIN			0.00	-106.12	4.45	-29.13	-22.52	2.45	18.16	12.66	1.74	-3.21	0.27	2.62	-0.62	-0.20	0.77	1.09
MRFBM1CB26P5_COS			-2861.28	-815.82	110.85	51.47	-16.62	-14.67	-8.65	-8.79	-3.76	-4.12	8.30	-1.23	1.63	1.24	-0.61	-0.79
MRFBM1CB26P5_SIN			0.00	-24.06	33.68	-2.99	-49.56	-14.90	-11.63	-10.49	-2.91	-2.09	4.55	1.02	1.25	1.05	0.55	-1.04
MRFBM1FB9_COS			428.57	42.70	-14.93	20.08	27.93	25.83	17.54	10.35	3.92	-0.15	-2.89	0.77	-0.47	-0.49	0.29	-0.76
MRFBM1FB9_SIN			0.00	104.13	7.50	-155.30	26.18	-3.75	0.02	6.68	2.94	0.52	-1.44	-2.23	-1.65	-1.34	-0.79	-0.05
MRFBM1TOR26P5_COS			-245.26	91.11	0.70	0.33	0.11	-0.29	-0.60	-0.19	0.13	0.33	-0.17	0.05	-0.05	-0.03	0.09	0.06
MRFBM1TOR26P5_SIN			0.00	-138.52	0.74	-0.12	0.48	-0.11	0.78	0.23	0.02	0.05	-0.14	-0.30	0.02	-0.02	0.00	-0.04

RUN	POINT		Harmonics															
	48	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-772.59	-1556.40	256.01	37.29	-68.91	-87.00	-79.00	-68.31	-13.04	10.68	39.00	9.42	19.51	18.03	2.18	3.91
MRPC1CB33P25_SIN			0.00	272.63	-3.60	108.60	-42.30	-25.20	17.30	-20.36	-8.75	-1.07	3.46	46.49	14.98	10.49	10.53	-5.00
MRPC1FB33P25_COS			1994.34	218.54	-204.51	58.83	-181.13	-180.67	-185.74	-184.73	-105.05	-31.53	97.63	9.11	35.25	35.32	4.37	18.45
MRPC1FB33P25_SIN			0.00	143.01	-32.98	445.61	-221.90	100.44	13.27	-63.54	-31.69	-29.92	21.80	45.08	22.97	21.79	23.85	-16.11
MRPC1TOR25P5_COS			-571.17	-21.16	-122.93	15.85	31.66	27.00	39.28	25.44	-7.07	-17.17	13.40	3.51	6.49	2.00	-5.48	-5.93
MRPC1TOR25P5_SIN			0.00	119.81	-82.84	-71.94	19.14	-2.65	-43.85	-31.55	-5.76	3.60	10.25	15.42	3.22	2.97	4.22	5.50
MRPLK1LOAD_COS			-38.17	-2.19	-11.67	-1.66	3.83	4.08	6.30	4.87	-0.92	-2.67	1.77	-0.04	0.88	0.20	-1.16	-1.05
MRPLK1LOAD_SIN			0.00	4.95	-7.88	-8.79	1.10	0.44	-7.12	-4.26	-0.34	0.27	1.53	2.62	0.46	0.37	0.42	1.05
PITCHRH_COS			7545.25	-9098.72	-114.18	35.75	-68.69	-1426.38	-89.83	22.57	32.53	-50.80	-92.39	10.38	38.37	-34.51	0.69	-13.31
PITCHRH_SIN			0.00	1264.46	-538.43	2.27	-74.82	-675.16	-160.17	119.71	59.43	-11.09	-100.14	-30.64	30.06	6.87	5.34	35.17
ROLLRH_COS			319.90	-1133.09	517.58	-25.55	-15.91	675.78	34.91	-57.19	-166.09	36.00	292.65	3.96	-21.74	31.42	-28.98	2.17
ROLLRH_SIN			0.00	-8950.75	-85.61	36.99	-10.83	-4.98	-92.55	-32.03	-381.64	-121.35	-51.26	-4.65	27.69	-3.48	0.36	170.12
TORQ_COS			64609.96	323.26	23.38	44.68	-9.32	144.66	1.82	27.16	-5.83	1.01	-20.81	0.29	4.53	-0.02	-0.49	2.88
TORQ_SIN			0.00	776.70	-20.43	4.14	-119.80	167.41	6.94	27.55	-5.59	-5.57	-24.52	8.77	-6.26	7.15	-2.91	-6.23
THRUST_COS			5643.44	-88.96	10.45	12.86	3.36	85.55	0.06	22.13	-0.39	-0.68	-34.90	0.57	-0.66	1.81	0.10	-18.49
THRUST_SIN			0.00	-106.11	1.29	-4.92	28.29	-59.81	6.79	4.50	-1.59	1.81	10.54	2.59	-0.42	1.35	-3.65	-3.20

RUN	POINT		Harmonics															
	48	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-179.35	42.11	-14.83	-2.50	1.03	-45.85	-2.63	1.43	4.96	-0.71	-14.80	-0.50	0.84	-1.03	0.77	-0.37
SIDERH_SIN			0.00	233.84	-0.08	0.05	-13.49	-21.45	6.77	-0.54	8.84	6.05	3.07	-0.68	-1.05	-0.02	-0.02	-5.22
DRAGRH_COS			-189.08	234.78	10.07	-1.36	1.72	115.15	4.56	-4.74	-4.43	0.96	11.45	-1.09	-2.39	1.24	-0.02	1.43
DRAGRH_SIN			0.00	-39.92	13.25	-1.04	1.78	-66.84	14.24	-4.02	-3.19	2.34	4.96	1.81	-0.62	-1.84	-0.40	-0.98

RUN	POINT		Harmonics															
	48	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.03	0.01	0.00	0.00	0.00	-0.01	0.03	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.01
FLAP1C_SIN			0.00	1.99	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-9.27	-5.67	-4.93	-1.10	-1.09	-0.37	-0.06	0.42	0.02	0.25	0.09	-0.14	0.09	0.02	-0.02	0.08
ACT1FORCE_SIN			0.00	18.71	1.49	1.15	-0.26	-0.10	-0.71	0.43	0.06	0.16	0.05	0.13	0.01	0.08	0.05	0.15
FA1IBCURRENT_COS			-0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			385.24	115.25	32.33	3.97	9.62	8.41	0.01	0.02	0.00	-0.04	0.01	-0.01	-0.01	-0.02	0.00	-0.02
FA1IBVOLTAGE_SIN			0.00	252.93	-17.01	-3.91	7.44	2.19	-0.07	0.00	0.04	0.00	-0.01	-0.02	-0.01	-0.01	-0.01	0.04
FA1OBCURRENT_COS			0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			420.55	-115.65	-32.27	-3.88	-9.65	-8.39	0.04	-0.02	0.01	0.04	-0.01	0.01	0.01	0.02	0.00	0.01
FA1OBVOLTAGE_SIN			0.00	-253.42	17.34	3.84	-7.48	-2.15	0.05	-0.01	-0.03	0.00	0.01	0.02	0.01	0.01	0.01	-0.04
MRBLD1CB42P75_COS			-2184.42	-1958.45	330.66	-55.31	-58.91	-105.04	-109.99	-68.90	2.25	32.07	47.03	-9.18	11.73	21.63	5.03	0.73
MRBLD1CB42P75_SIN			0.00	62.52	-19.00	159.65	39.44	-54.21	61.46	-45.97	4.80	11.71	-3.28	64.16	12.31	6.57	18.64	-10.56

RUN	POINT		Harmonics															
	48	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3459.37	-1235.49	360.62	-160.01	1.36	-65.56	-56.94	-51.07	11.30	41.19	12.97	-3.07	8.28	15.87	5.45	8.66
MRBLD1CB70_SIN			0.00	96.43	-28.82	153.88	255.66	-51.16	91.98	0.65	5.91	6.94	-3.25	43.35	4.39	1.74	12.39	-8.68
MRBLD1CB120_COS			-546.36	-479.09	355.30	-137.05	9.44	18.03	34.22	-20.96	-28.66	-15.11	-3.14	9.64	0.47	-4.41	-4.04	2.90
MRBLD1CB120_SIN			0.00	182.48	-87.49	83.68	242.02	-0.90	68.66	12.98	2.33	-8.17	7.35	-23.67	-2.60	0.00	-1.23	-0.38
MRBLD1CB164_COS			-1992.73	-147.20	127.88	-80.09	-41.14	38.20	68.60	6.78	-35.30	-30.98	9.84	8.96	-1.68	-8.98	-5.43	-12.17
MRBLD1CB164_SIN			0.00	134.58	-34.81	33.32	103.35	22.09	14.14	13.45	-5.31	-9.44	10.92	-21.07	0.03	1.76	-2.57	10.13
MRBLD1FB42P75_COS			2710.05	354.89	-173.09	166.16	-269.87	-136.13	-188.52	-228.32	-113.58	-63.61	74.24	26.52	27.28	30.22	31.76	-19.92
MRBLD1FB42P75_SIN			0.00	13.31	7.89	562.22	-283.80	220.57	138.30	-49.95	61.10	9.00	-81.54	35.38	-8.92	-19.15	15.33	-26.18
MRBLD1FB70_COS			522.55	3.67	-71.41	17.05	-84.00	-38.52	-34.14	-30.32	-2.84	3.75	3.18	1.98	-1.26	-3.84	-5.65	4.65
MRBLD1FB70_SIN			0.00	-192.41	13.37	175.43	-91.30	44.33	30.79	-9.04	9.86	4.30	0.80	1.78	3.19	3.50	-3.06	6.08
MRBLD1FB87_COS			39.04	30.77	-75.63	-13.53	-45.10	-20.06	1.36	18.40	16.02	11.64	-15.87	-4.76	-4.07	-5.31	-6.13	4.62
MRBLD1FB87_SIN			0.00	-204.16	26.59	112.40	-34.03	10.61	-8.05	-0.12	-13.03	-5.02	14.34	-13.38	1.41	6.36	-1.29	7.40
MRBLD1FB120_COS			-335.87	3.58	-161.12	-22.15	-4.11	15.82	39.28	44.59	7.97	-5.12	-1.51	-3.27	0.93	4.89	7.45	-6.76
MRBLD1FB120_SIN			0.00	-236.33	49.32	165.07	63.12	-22.00	-31.88	14.35	-10.81	-2.23	-2.16	6.73	-2.74	-8.86	1.81	-10.81
MRBLD1FB164_COS			-56.48	39.24	-201.71	70.31	199.47	85.86	-16.24	-64.71	-23.63	6.10	3.11	3.08	-3.48	-3.05	-2.44	4.60
MRBLD1FB164_SIN			0.00	-467.53	54.88	222.56	168.66	-64.76	15.27	-21.89	19.19	6.34	1.61	-17.73	2.82	10.89	1.64	3.90

RUN	POINT		Harmonics															
	48	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-160.50	-13.96	-94.54	10.95	157.26	74.67	-57.29	-75.21	13.78	28.62	-32.92	-12.83	-4.77	0.71	6.03	-9.04
MRBLD1FB180_SIN			0.00	-386.14	51.45	104.01	80.19	-44.17	28.99	-6.66	-1.71	-23.19	26.28	-16.50	-0.07	-5.71	2.08	-13.42
MRBLD1TOR51_COS			-1514.66	92.00	107.91	5.79	-35.08	-31.64	-38.97	-36.05	-1.61	11.57	-2.95	-2.23	-2.63	2.25	4.55	5.02
MRBLD1TOR51_SIN			0.00	-319.90	43.66	83.68	-16.32	1.67	48.94	10.71	0.32	-7.45	-2.73	-1.86	-0.98	-0.77	0.40	-4.41
MRBLD1TOR71_COS			-361.77	114.73	85.58	7.61	-22.98	-18.50	-23.78	-24.29	2.22	9.70	-6.15	-2.62	-2.66	0.82	2.74	3.37
MRBLD1TOR71_SIN			0.00	-306.77	36.45	47.97	-11.61	-2.15	41.03	16.80	2.28	-4.83	-0.22	-2.46	-0.85	-0.25	-0.44	-2.57
MRBLD1TOR130_COS			-124.55	98.21	102.07	13.64	-9.96	-7.81	-13.25	-20.00	-4.64	-0.28	7.20	-3.78	1.10	0.43	-2.36	-2.90
MRBLD1TOR130_SIN			0.00	-304.44	24.88	24.94	10.05	-5.62	31.21	9.85	3.66	-3.66	2.09	6.50	1.61	1.13	-0.25	1.84
MRBLD1TOR164_COS			-297.95	61.06	92.80	6.79	-17.97	-25.65	-15.40	-2.62	6.58	0.18	-3.26	-1.17	2.45	0.87	-4.10	-2.92
MRBLD1TOR164_SIN			0.00	-192.08	8.08	-24.19	-24.20	2.89	16.83	7.34	0.71	-2.72	1.93	1.23	-0.80	0.36	1.90	-0.95
MRFBM1CB26P5_COS			-2863.26	-929.42	114.56	45.99	-23.19	-10.38	-15.50	-8.00	-4.40	-4.55	9.79	-1.51	0.80	1.09	-0.10	-0.93
MRFBM1CB26P5_SIN			0.00	-136.38	21.89	0.95	-51.00	-17.62	-7.66	-15.13	-1.57	-1.66	-1.26	1.27	0.10	0.24	1.44	-1.79
MRFBM1FB9_COS			352.67	170.91	-24.49	23.54	23.08	26.55	18.41	7.72	4.78	0.70	-3.23	1.31	-0.34	-0.62	0.52	-0.91
MRFBM1FB9_SIN			0.00	133.48	15.87	-166.54	33.76	-8.72	-3.14	10.81	2.25	0.99	-0.68	-1.59	-0.99	-0.94	-1.08	0.65
MRFBM1TOR26P5_COS			-245.50	91.49	1.00	0.28	0.08	-0.27	-0.49	-0.17	0.08	0.41	-0.24	0.16	-0.06	0.00	0.10	0.04
MRFBM1TOR26P5_SIN			0.00	-139.90	0.79	-0.13	0.35	-0.10	1.04	0.21	-0.01	0.04	-0.07	-0.24	0.00	-0.03	0.01	-0.01

RUN	POINT		Harmonics															
	48	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-782.13	-1707.27	250.75	23.61	-79.19	-86.42	-87.32	-62.84	-15.45	7.15	46.40	-3.64	11.67	16.83	3.76	-0.07
MRPC1CB33P25_SIN			0.00	150.49	-35.89	124.24	-70.67	-14.89	33.49	-54.65	-3.52	-1.61	-7.71	41.62	8.42	3.66	15.43	-10.99
MRPC1FB33P25_COS			1961.29	275.23	-187.31	55.04	-151.19	-170.86	-202.03	-158.66	-112.40	-53.53	100.55	-5.96	24.28	34.59	5.34	11.95
MRPC1FB33P25_SIN			0.00	176.21	-36.33	490.47	-278.05	141.47	43.60	-133.43	-7.76	-28.10	-17.25	42.86	10.70	10.07	37.69	-32.55
MRPC1TOR25P5_COS			-524.27	-22.47	-169.72	14.66	39.94	30.44	33.20	30.76	-1.44	-16.25	13.07	-1.34	6.67	2.56	-7.09	-6.55
MRPC1TOR25P5_SIN			0.00	248.12	-81.93	-89.00	20.65	3.34	-46.65	-18.13	-2.20	6.38	4.90	10.74	0.97	2.60	4.00	2.87
MRPLK1LOAD_COS			-32.26	-2.90	-17.21	-1.56	4.70	4.50	5.37	5.32	-0.06	-2.65	1.91	-0.91	0.95	0.10	-1.41	-1.06
MRPLK1LOAD_SIN			0.00	21.21	-8.05	-10.76	1.63	1.04	-7.69	-2.37	0.04	0.61	0.78	1.91	0.35	0.39	0.28	0.59
PITCHRH_COS			4974.09	-9035.96	39.07	82.73	-34.40	-1680.50	72.63	20.24	-30.58	-35.99	-117.02	1.68	2.70	-50.72	-7.77	17.87
PITCHRH_SIN			0.00	1244.83	-606.11	-93.16	-34.52	-837.30	-10.61	103.56	122.65	-2.86	-83.49	-36.90	8.21	27.82	-19.09	41.01
ROLLRH_COS			-330.04	-1161.19	561.83	-1.63	-3.82	1180.24	-10.34	-48.17	-187.82	6.67	260.64	23.99	-26.89	58.15	-59.29	-36.10
ROLLRH_SIN			0.00	-8904.30	146.66	30.26	40.56	-54.70	2.31	-41.24	-505.46	-30.22	-80.95	-13.01	0.01	-4.74	8.49	190.09
TORQ_COS			64179.45	292.43	23.55	65.15	41.07	154.75	2.80	24.55	-0.78	-3.94	-26.96	-0.89	4.61	1.29	-2.42	2.21
TORQ_SIN			0.00	793.18	-15.69	19.01	-39.00	190.15	8.85	40.80	-1.62	-9.41	1.47	6.87	-4.29	9.37	-2.82	-6.27
THRUST_COS			5434.13	-88.40	16.19	17.35	-3.08	75.13	-0.24	20.34	0.51	-0.51	-34.45	-0.12	0.47	2.09	1.02	-10.23
THRUST_SIN			0.00	-109.92	-4.89	-9.60	14.47	-74.84	4.77	8.17	-1.76	0.79	31.74	4.34	0.48	-0.35	-2.94	0.42

RUN	POINT		Harmonics															
	48	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-176.54	40.33	-17.97	-0.94	-4.14	-74.49	3.85	1.41	5.68	1.07	-13.78	-1.59	0.98	-1.64	1.90	0.24
SIDERH_SIN			0.00	231.61	-6.19	-2.14	-19.81	10.36	-2.33	0.45	11.88	2.31	3.37	0.20	0.02	0.41	-0.11	-5.59
DRAGRH_COS			-211.23	232.69	12.39	-0.28	-1.33	116.48	0.45	-6.12	-4.08	0.59	14.51	0.46	-0.58	1.76	0.48	0.19
DRAGRH_SIN			0.00	-40.18	16.25	-1.74	5.68	-126.64	-7.41	-1.59	-3.81	0.74	1.93	2.96	-1.09	-2.21	0.57	-0.77

RUN	POINT		Harmonics															
	48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-0.01	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.99	0.00	0.00	0.00	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.26	7.25	-2.53	-2.92	-1.58	-0.69	0.38	0.70	0.27	-0.08	-0.23	-0.12	0.12	0.06	0.03	-0.01
ACT1FORCE_SIN			0.00	12.98	1.46	0.00	0.21	-0.11	-0.16	-0.33	0.05	-0.04	0.17	-0.10	0.05	-0.02	0.02	-0.03
FA1IBCURRENT_COS			-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			404.30	-110.40	13.70	22.19	10.83	2.87	0.00	0.04	-0.02	-0.01	-0.01	0.00	-0.02	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-280.76	-9.72	6.90	-1.48	-1.24	0.05	0.03	0.01	-0.01	-0.01	-0.01	0.00	0.01	0.01	0.01
FA1OBCURRENT_COS			0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			401.45	110.73	-13.58	-22.24	-10.92	-2.92	-0.01	-0.04	0.01	0.02	0.01	0.00	0.02	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	281.30	10.04	-6.85	1.49	1.24	-0.06	-0.03	-0.01	0.00	0.00	0.01	0.00	-0.01	-0.02	-0.01
MRBLD1CB42P75_COS			-2092.69	-1328.72	308.46	-23.83	-117.26	-118.83	-96.71	-133.26	-2.12	33.04	51.74	29.74	30.31	16.82	-4.72	4.24
MRBLD1CB42P75_SIN			0.00	609.89	27.93	120.47	84.74	-72.11	19.95	97.98	-31.38	-0.64	73.67	57.10	33.72	19.63	-4.47	1.05

RUN	POINT		Harmonics															
	48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3511.74	-820.65	387.38	-155.99	-119.31	-64.74	-118.74	-83.85	6.69	32.48	42.47	26.61	19.36	11.10	-0.95	10.53
MRBLD1CB70_SIN			0.00	498.21	-10.16	140.16	315.56	-62.89	104.48	100.04	-12.10	3.30	13.38	42.02	14.44	10.36	2.41	5.20
MRBLD1CB120_COS			-510.43	-312.96	399.44	-162.82	-101.77	19.32	-87.81	-36.60	-35.17	-5.59	-4.69	0.18	-4.30	-7.01	-2.43	1.31
MRBLD1CB120_SIN			0.00	432.40	-109.32	64.66	360.55	-31.14	121.83	54.70	-8.31	15.48	-17.39	-22.70	-12.02	-1.97	3.06	3.54
MRBLD1CB164_COS			-1989.40	-103.46	142.95	-95.60	-84.68	42.13	8.19	25.05	-35.39	-21.53	-13.63	-1.09	-3.78	-7.57	-5.86	-11.65
MRBLD1CB164_SIN			0.00	165.12	-39.24	13.63	163.46	22.25	45.22	-23.83	1.60	12.85	8.24	-26.06	-5.91	-3.41	1.53	0.17
MRBLD1FB42P75_COS			2795.57	155.77	-269.26	112.24	-181.69	-215.58	-189.11	-253.51	-169.64	-9.82	114.89	36.45	69.09	41.54	-11.06	12.23
MRBLD1FB42P75_SIN			0.00	-68.68	11.02	482.50	57.56	127.13	68.67	326.56	-26.93	-17.65	66.64	-8.94	-4.19	1.35	-0.21	-12.26
MRBLD1FB70_COS			543.50	-8.83	-111.04	3.21	-68.67	-58.97	-35.71	-32.99	-11.47	6.77	5.47	0.38	-4.96	-5.27	2.17	-2.44
MRBLD1FB70_SIN			0.00	-192.02	16.36	149.35	14.24	15.16	13.36	61.00	-0.99	1.99	2.78	3.42	2.48	1.02	0.98	2.93
MRBLD1FB87_COS			40.97	19.28	-98.21	-18.90	-40.05	-24.88	2.50	25.02	24.15	4.81	-23.23	-7.47	-13.98	-7.84	3.82	-1.67
MRBLD1FB87_SIN			0.00	-224.79	27.63	103.56	11.06	2.42	-9.70	-32.01	-0.90	-2.47	-19.28	-1.48	0.38	1.66	2.42	5.12
MRBLD1FB120_COS			-353.29	-1.07	-176.18	-30.85	-2.32	31.39	38.18	46.40	21.91	-12.06	-6.46	1.84	10.27	6.45	-5.49	3.15
MRBLD1FB120_SIN			0.00	-313.01	60.15	172.69	41.54	1.27	-15.05	-84.97	2.70	3.64	3.65	-1.69	-1.11	-2.91	-4.61	-6.97
MRBLD1FB164_COS			23.83	22.11	-275.05	52.73	165.05	85.37	-9.81	-88.18	-42.41	15.37	10.98	0.57	-20.13	-8.36	9.83	4.59
MRBLD1FB164_SIN			0.00	-313.07	50.63	309.12	53.92	-64.86	11.83	117.64	-12.02	-4.41	-14.07	-3.98	-1.14	0.77	2.06	4.49

RUN	POINT		Harmonics															
	48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-85.01	-22.87	-162.22	20.87	141.51	42.26	-63.67	-73.18	15.28	22.79	-51.28	-17.26	-9.22	3.71	-7.61	2.90
MRBLD1FB180_SIN			0.00	-189.03	31.62	153.12	45.76	-50.50	-18.12	117.05	0.60	-28.88	-57.70	-1.59	0.55	-6.84	-5.10	-5.13
MRBLD1TOR51_COS			-1391.15	78.11	-23.08	-0.42	-17.89	-18.42	-61.82	-38.17	8.09	10.74	-2.56	-3.44	-0.83	2.83	1.45	3.99
MRBLD1TOR51_SIN			0.00	46.60	27.33	45.42	-8.69	20.91	21.28	73.49	4.06	-2.63	-17.76	-6.33	-1.46	2.48	-3.03	-4.17
MRBLD1TOR71_COS			-250.68	92.86	-37.79	3.05	-4.51	-4.21	-43.51	-18.44	10.81	7.31	-5.25	-4.93	-2.17	1.92	1.52	2.56
MRBLD1TOR71_SIN			0.00	33.50	18.79	16.23	-17.81	20.17	20.24	60.45	10.04	-0.48	-18.51	-5.30	-2.93	1.57	-1.59	-2.96
MRBLD1TOR130_COS			-10.85	81.32	-18.15	7.69	8.13	5.38	-26.81	-21.88	-0.61	3.03	-0.06	-1.16	1.68	0.17	-1.56	-3.23
MRBLD1TOR130_SIN			0.00	47.70	11.22	1.54	-14.40	16.93	20.28	50.49	1.64	1.24	6.33	4.37	2.19	1.45	1.41	1.18
MRBLD1TOR164_COS			-226.41	51.36	20.78	6.99	-12.50	-19.74	-18.17	2.64	7.38	-0.75	-1.75	0.64	1.25	-0.11	-1.71	-1.23
MRBLD1TOR164_SIN			0.00	65.75	-3.19	-40.85	-19.78	4.61	10.22	25.08	3.45	-3.72	-4.04	4.43	0.33	-1.68	0.03	4.04
MRFBM1CB26P5_COS			-2836.35	-590.13	90.42	65.05	-2.77	-16.58	2.98	-16.28	-4.78	-1.12	0.89	-0.54	2.35	1.29	-0.64	-0.39
MRFBM1CB26P5_SIN			0.00	179.45	36.99	-13.50	-64.63	-14.73	-20.82	-1.66	-8.24	-2.02	15.78	-0.95	2.63	1.34	-1.92	-0.84
MRFBM1FB9_COS			522.70	-186.59	30.95	30.82	31.17	26.18	18.52	22.40	3.18	-1.12	-0.60	-0.44	-0.64	-0.16	0.10	-0.36
MRFBM1FB9_SIN			0.00	60.40	11.94	-145.84	-8.31	2.32	5.30	-4.14	6.17	-0.15	-4.47	-1.95	-2.64	-1.65	0.21	-0.57
MRFBM1TOR26P5_COS			-244.87	90.35	0.15	0.16	-0.10	-0.05	-1.04	-0.12	0.20	0.28	-0.03	0.03	-0.05	-0.03	0.03	0.07
MRFBM1TOR26P5_SIN			0.00	-136.49	0.68	-0.08	0.33	-0.11	0.09	0.48	0.13	0.02	-0.34	-0.27	0.03	0.00	-0.02	-0.05

RUN	POINT		Harmonics															
	48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-672.57	-1187.43	230.67	53.00	-82.83	-106.07	-65.54	-119.94	-23.44	17.42	38.98	20.95	27.12	13.91	-5.53	3.86
MRPC1CB33P25_SIN			0.00	569.58	25.07	74.01	-27.61	-38.57	-10.12	68.38	-42.91	-7.09	68.79	31.62	25.11	16.23	-4.96	0.95
MRPC1FB33P25_COS			2030.25	106.23	-253.72	25.47	-162.25	-209.27	-177.31	-328.69	-116.27	0.26	46.47	31.82	48.82	25.58	-7.00	17.60
MRPC1FB33P25_SIN			0.00	78.53	-50.48	417.47	25.20	41.14	-11.12	151.35	-100.33	-20.44	116.59	19.90	44.48	33.68	-7.71	4.46
MRPC1TOR25P5_COS			-656.94	-7.31	-21.27	25.75	8.76	15.40	59.66	24.22	-12.02	-13.04	8.10	6.75	5.50	0.17	-2.27	-4.14
MRPC1TOR25P5_SIN			0.00	-142.65	-73.72	-41.19	23.46	-22.83	-15.92	-75.67	-11.91	1.67	30.69	15.65	3.93	-0.37	4.29	7.19
MRPLK1LOAD_COS			-49.20	0.22	0.47	-0.60	1.25	2.46	9.49	4.86	-1.57	-2.15	0.95	0.37	0.69	0.01	-0.45	-0.92
MRPLK1LOAD_SIN			0.00	-27.84	-6.35	-5.78	1.06	-1.91	-2.92	-10.74	-1.18	0.09	4.25	2.62	0.35	-0.06	0.73	1.22
PITCHRH_COS			12137.58	-9135.40	-395.87	71.07	-28.88	-553.45	15.95	-45.86	-23.18	-44.60	113.48	11.29	15.02	-25.54	-9.76	-70.54
PITCHRH_SIN			0.00	1295.89	-670.34	88.04	-41.91	-240.89	-163.70	151.26	11.56	-10.28	-114.54	-37.85	8.76	-1.61	-13.16	-73.98
ROLLRH_COS			1457.57	-1119.19	666.85	-38.42	34.32	-597.05	85.96	11.54	53.52	103.60	266.79	15.15	-12.66	-15.34	-27.38	72.34
ROLLRH_SIN			0.00	-9054.70	-371.44	71.58	-33.99	450.31	-50.36	-70.74	-498.43	-92.39	-51.83	-20.85	-20.56	21.31	-8.78	122.33
TORQ_COS			65919.55	348.13	13.28	34.65	6.19	149.82	5.18	40.22	-4.03	1.38	-8.69	4.84	4.49	-1.70	0.28	1.97
TORQ_SIN			0.00	731.66	-13.35	16.40	-23.54	127.91	15.92	18.26	-0.43	-3.15	-64.87	9.76	-3.73	9.55	-1.98	-4.48
THRUST_COS			5895.39	-79.95	-1.87	13.73	4.91	91.11	0.47	28.46	1.67	0.51	-39.63	1.69	-0.32	2.44	2.97	-21.38
THRUST_SIN			0.00	-100.72	-7.48	-0.71	20.02	-37.08	4.82	0.68	-2.28	1.15	-14.43	5.46	-0.79	2.67	-8.00	-15.58

RUN	POINT		Harmonics															
	48	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-180.17	40.87	-15.23	-2.66	1.23	-5.39	-1.42	-0.81	-0.59	-4.50	-14.39	-1.06	0.89	0.41	0.85	-1.63
SIDERH_SIN			0.00	233.97	8.80	1.11	12.15	-119.12	0.77	0.78	12.77	5.30	3.30	0.23	0.53	-0.45	0.31	-3.51
DRAGRH_COS			-142.02	234.00	13.78	-3.43	6.84	119.68	-13.52	-1.15	-0.28	0.40	-1.72	0.37	-1.11	1.46	0.43	4.64
DRAGRH_SIN			0.00	-38.22	5.30	-1.07	7.20	92.18	12.46	-0.64	-5.22	2.82	4.74	3.13	-0.22	-1.00	-0.14	2.57

RUN	POINT		Harmonics															
	48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.03	0.01	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN			0.00	-1.99	0.00	0.00	0.00	0.00	-0.02	-0.03	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-14.99	8.32	-1.22	-3.32	-1.67	-0.63	0.58	0.79	0.24	-0.25	-0.17	-0.16	0.22	0.09	0.11	0.03
ACT1FORCE_SIN			0.00	9.09	1.35	0.59	0.66	0.02	-0.28	-0.72	0.06	-0.10	0.37	0.05	0.09	-0.01	-0.02	-0.08
FA1IBCURRENT_COS			-0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			405.46	-152.16	7.30	21.16	10.82	1.12	0.02	0.09	-0.03	-0.02	-0.04	-0.04	-0.03	-0.01	-0.02	0.01
FA1IBVOLTAGE_SIN			0.00	-400.98	-6.74	3.66	-4.99	-1.57	0.11	0.08	0.03	-0.01	0.00	-0.02	0.03	0.03	0.05	0.02
FA1OBCURRENT_COS			0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			400.39	152.68	-7.14	-21.24	-11.00	-1.21	0.00	-0.10	0.03	0.02	0.04	0.03	0.03	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	401.85	7.62	-3.60	4.93	1.59	-0.10	-0.08	-0.03	0.01	-0.01	0.01	-0.03	-0.02	-0.05	-0.02
MRBLD1CB42P75_COS			-2044.79	-1080.61	295.45	-13.74	-173.17	-154.49	-97.51	-144.70	9.23	38.46	37.47	47.09	27.09	17.54	-1.67	4.24
MRBLD1CB42P75_SIN			0.00	806.87	32.54	109.94	101.44	-103.34	13.55	118.38	-29.88	-0.67	64.78	96.14	48.42	26.64	-9.43	4.53

RUN	POINT		Harmonics															
	48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3536.88	-658.83	395.75	-157.68	-200.43	-130.00	-143.16	-88.55	17.94	34.97	41.76	42.97	18.67	12.78	4.71	11.78
MRBLD1CB70_SIN			0.00	641.03	-10.83	137.24	330.85	-115.36	115.84	119.12	-5.52	4.84	-6.14	70.20	20.24	12.39	-0.84	6.93
MRBLD1CB120_COS			-496.25	-249.03	415.62	-176.13	-179.85	-47.19	-127.14	-43.50	-35.59	-11.48	6.47	-6.08	-0.02	-6.99	-1.52	3.47
MRBLD1CB120_SIN			0.00	518.57	-118.53	56.06	395.00	-94.31	142.96	62.97	-10.31	26.69	-3.76	-37.01	-16.07	-4.70	3.29	3.89
MRBLD1CB164_COS			-1996.02	-87.86	155.10	-106.11	-115.55	15.12	-8.99	27.69	-40.09	-28.30	-11.78	-7.66	-1.62	-9.40	-10.75	-13.40
MRBLD1CB164_SIN			0.00	169.81	-42.39	7.84	180.81	0.83	56.44	-30.37	-1.15	21.43	31.70	-42.44	-7.10	-4.27	3.23	-0.25
MRBLD1FB42P75_COS			2823.83	84.18	-309.33	100.40	-193.56	-231.85	-191.91	-284.16	-170.20	5.71	125.66	56.05	84.40	49.16	-16.66	21.10
MRBLD1FB42P75_SIN			0.00	-99.22	13.84	478.37	187.92	88.44	53.15	379.31	-44.07	-5.11	105.25	9.84	12.40	7.18	-14.67	-13.74
MRBLD1FB70_COS			550.90	-11.17	-128.81	1.15	-78.45	-67.71	-37.01	-38.12	-11.07	7.75	5.19	0.20	-6.31	-6.52	3.16	-4.27
MRBLD1FB70_SIN			0.00	-192.53	15.71	145.63	53.39	1.31	8.74	70.55	-3.65	1.76	2.07	2.60	0.70	-0.12	3.23	2.69
MRBLD1FB87_COS			41.88	14.85	-111.44	-20.35	-44.51	-28.29	2.82	27.99	23.89	3.29	-23.32	-13.33	-17.30	-9.54	5.23	-3.27
MRBLD1FB87_SIN			0.00	-230.74	27.35	103.88	28.59	0.33	-9.53	-34.60	2.24	-4.14	-26.22	-5.37	-2.83	1.33	6.57	6.30
MRBLD1FB120_COS			-356.42	-3.67	-185.49	-32.20	3.42	36.25	40.06	54.39	22.42	-14.55	-8.33	4.58	12.77	7.98	-8.09	5.35
MRBLD1FB120_SIN			0.00	-335.89	61.34	179.91	33.28	12.29	-12.93	-101.35	4.39	1.38	2.73	-0.93	0.84	-3.06	-11.34	-8.85
MRBLD1FB164_COS			56.41	17.80	-313.83	54.01	168.02	95.79	-8.59	-101.77	-46.42	19.49	16.03	-4.17	-24.52	-10.02	13.51	5.51
MRBLD1FB164_SIN			0.00	-250.63	50.39	340.17	10.18	-68.70	9.90	140.62	-14.06	-3.18	-13.55	-5.14	-4.82	-0.05	7.17	7.46

RUN	POINT		Harmonics															
	48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-55.56	-24.69	-196.82	29.09	146.49	37.01	-67.21	-76.52	15.89	20.05	-49.70	-27.60	-11.96	3.90	-10.89	4.91
MRBLD1FB180_SIN			0.00	-114.84	27.20	168.91	29.85	-56.71	-29.58	140.34	10.23	-29.69	-75.20	-9.16	-0.28	-7.85	-14.90	-9.06
MRBLD1TOR51_COS			-1350.71	76.81	-71.28	0.46	-22.04	-13.51	-70.76	-45.69	13.15	10.44	-1.24	-4.46	-0.31	3.23	3.82	6.22
MRBLD1TOR51_SIN			0.00	173.24	21.07	34.80	-6.61	25.50	13.83	83.66	8.92	-0.83	-20.45	-8.29	-1.35	3.57	-5.69	-5.28
MRBLD1TOR71_COS			-213.92	88.64	-82.70	4.26	-4.81	2.20	-50.77	-23.71	14.57	6.41	-3.73	-6.34	-1.86	2.17	2.87	4.23
MRBLD1TOR71_SIN			0.00	150.98	12.31	6.57	-20.30	27.29	14.55	68.31	14.72	0.25	-20.89	-8.95	-3.78	2.07	-3.19	-3.95
MRBLD1TOR130_COS			26.83	78.91	-61.63	8.95	10.36	11.37	-31.18	-28.01	2.13	2.98	-1.55	-0.99	1.49	0.12	-2.95	-4.27
MRBLD1TOR130_SIN			0.00	168.92	5.77	-6.53	-22.41	23.71	17.70	56.89	2.91	3.03	8.87	5.46	3.44	1.96	2.55	1.39
MRBLD1TOR164_COS			-199.66	50.74	-5.47	8.88	-15.18	-19.21	-19.32	1.46	7.35	-1.17	-1.02	1.12	0.46	-0.07	-2.68	-2.27
MRBLD1TOR164_SIN			0.00	155.09	-6.89	-49.40	-17.55	4.94	8.98	29.60	5.14	-4.78	-4.44	4.71	0.48	-2.92	0.23	5.51
MRFBM1CB26P5_COS			-2815.32	-474.68	80.67	72.44	1.49	-11.86	8.89	-17.36	-4.99	-0.64	-2.83	-1.27	2.05	0.98	-1.01	-0.17
MRFBM1CB26P5_SIN			0.00	277.60	39.66	-18.75	-66.27	-10.69	-25.42	-0.74	-10.63	-1.77	20.75	-0.33	4.57	2.24	-2.85	-0.42
MRFBM1FB9_COS			576.05	-302.96	59.52	33.84	40.61	27.34	18.71	25.81	2.56	-1.10	0.03	-0.07	-0.15	0.07	-0.30	-0.20
MRFBM1FB9_SIN			0.00	32.14	10.81	-143.73	-22.00	7.71	8.20	-4.92	6.34	-0.62	-4.79	-3.28	-3.25	-1.93	0.29	-0.89
MRFBM1TOR26P5_COS			-244.55	89.81	-0.14	0.06	-0.42	0.11	-1.29	-0.02	0.23	0.30	0.05	0.01	-0.05	-0.02	0.09	0.09
MRFBM1TOR26P5_SIN			0.00	-135.55	0.86	0.00	0.14	-0.20	-0.29	0.50	0.25	0.02	-0.51	-0.27	0.00	-0.02	-0.06	-0.07

RUN	POINT		Harmonics															
	48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-628.61	-963.90	217.76	65.91	-109.80	-120.74	-60.08	-131.31	-17.08	20.98	25.81	31.10	25.18	14.12	-3.94	4.72
MRPC1CB33P25_SIN			0.00	731.20	34.54	60.30	-5.99	-54.79	-19.25	83.87	-47.39	-5.75	75.12	56.51	37.45	22.27	-9.70	4.31
MRPC1FB33P25_COS			2048.14	43.50	-282.96	16.32	-205.06	-214.16	-173.79	-373.62	-108.91	4.86	31.57	34.67	46.77	25.96	1.36	23.09
MRPC1FB33P25_SIN			0.00	43.51	-53.49	413.50	131.46	5.26	-22.70	181.06	-112.89	-2.40	151.06	48.52	67.17	43.77	-20.10	12.65
MRPC1TOR25P5_COS			-699.29	-5.23	32.95	25.25	7.71	8.64	70.67	30.03	-16.74	-13.59	4.33	9.73	3.34	-0.55	-5.88	-6.82
MRPC1TOR25P5_SIN			0.00	-276.49	-69.61	-26.20	24.83	-30.05	-7.64	-84.90	-18.05	0.51	35.54	21.36	6.01	-0.98	7.42	9.62
MRPLK1LOAD_COS			-54.73	0.72	7.04	-0.72	1.51	1.47	11.17	5.46	-2.28	-2.27	0.32	0.65	0.45	-0.09	-1.16	-1.38
MRPLK1LOAD_SIN			0.00	-44.79	-5.72	-4.34	0.97	-2.57	-1.39	-12.04	-2.16	-0.21	5.31	3.18	0.57	-0.06	1.39	1.56
PITCHRH_COS			14615.35	-9185.66	-574.10	54.35	-19.49	-346.36	45.76	-76.13	130.62	-21.73	147.67	1.13	52.06	-32.50	-28.46	-64.71
PITCHRH_SIN			0.00	1295.59	-659.75	64.10	-101.31	119.11	9.94	104.06	-52.41	-51.51	-43.67	-1.91	1.60	11.61	-20.29	-186.30
ROLLRH_COS			2039.87	-1058.28	715.49	-100.46	44.75	-1286.30	30.44	47.46	108.93	134.63	277.09	5.83	46.38	-25.62	-48.28	70.20
ROLLRH_SIN			0.00	-9118.49	-565.68	106.07	-106.16	406.25	-150.60	-90.62	-180.10	-79.93	-46.86	-22.93	12.25	13.62	27.47	131.92
TORQ_COS			66630.93	343.25	3.01	39.86	43.94	171.76	2.39	25.19	-7.33	2.41	2.78	6.30	0.82	-1.81	2.24	2.68
TORQ_SIN			0.00	720.39	-14.77	22.73	-57.72	123.87	13.53	13.31	1.69	0.28	-91.66	12.76	-9.24	5.18	-0.50	-6.40
THRUST_COS			6033.74	-71.60	-10.14	18.64	1.92	97.73	5.95	17.64	-1.34	0.41	-38.79	2.13	0.12	-0.80	2.97	-23.67
THRUST_SIN			0.00	-111.97	-2.38	-1.44	21.60	-26.16	7.07	2.06	-2.86	0.49	-26.33	-1.22	0.95	2.76	-10.39	-23.49

RUN	POINT		Harmonics															
	48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-179.50	42.92	-14.59	-3.81	9.23	32.87	7.87	-3.05	-3.22	-6.60	-15.38	-0.47	-1.45	0.54	1.42	-1.53
SIDERH_SIN			0.00	236.40	14.28	0.98	25.01	-162.16	9.74	0.77	4.49	4.39	2.64	0.71	-0.79	-0.43	-0.84	-3.46
DRAGRH_COS			-113.68	235.48	15.10	-2.33	8.70	107.01	0.26	-0.34	-3.07	-2.77	-4.76	0.90	-3.29	0.71	1.09	5.39
DRAGRH_SIN			0.00	-41.99	-0.16	-1.12	2.28	156.25	-2.90	3.36	-0.24	5.12	0.33	0.98	2.95	-1.19	0.17	7.62

RUN	POINT		Harmonics															
	48	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.04	0.00	0.00	0.00	0.00	0.04	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN			0.00	-2.94	0.00	0.00	0.00	0.00	-0.01	-0.04	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-16.55	8.98	-0.64	-3.61	-1.88	-0.68	0.72	0.86	0.32	-0.43	-0.19	-0.07	0.23	0.04	0.09	-0.02
ACT1FORCE_SIN			0.00	6.86	1.35	0.90	1.05	-0.23	-0.31	-1.06	0.23	0.00	0.45	0.07	0.10	0.01	0.08	-0.14
FA1IBCURRENT_COS			-0.01	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			403.33	-197.71	5.59	16.37	9.32	0.31	0.14	0.13	-0.11	-0.05	-0.08	-0.05	-0.04	0.00	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-489.36	-5.95	2.56	-7.03	-0.38	0.11	0.10	0.03	-0.06	-0.03	-0.04	0.02	0.01	0.05	-0.01
FA1OBCURRENT_COS			0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.05	198.77	-5.76	-16.61	-9.59	-0.40	0.02	-0.11	0.06	0.04	0.07	0.05	0.04	0.00	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	490.60	7.98	-2.46	6.63	0.35	-0.03	-0.07	-0.01	0.07	0.01	0.03	-0.02	-0.01	-0.05	0.00
MRBLD1CB42P75_COS			-1988.74	-1075.52	288.16	2.71	-196.58	-160.06	-89.68	-176.73	18.49	32.66	8.56	50.33	29.16	20.22	10.71	6.98
MRBLD1CB42P75_SIN			0.00	795.84	23.30	87.26	83.43	-103.48	-5.01	145.24	-33.80	6.58	114.44	89.26	54.18	28.16	-21.15	15.92

RUN	POINT		Harmonics															
	48	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3571.34	-648.76	399.87	-149.22	-240.03	-126.25	-157.12	-107.35	27.11	28.31	30.73	42.42	19.40	15.82	12.73	14.74
MRBLD1CB70_SIN			0.00	649.62	-23.64	113.35	296.35	-90.50	104.60	150.45	-3.55	10.14	26.51	65.32	23.10	13.70	-11.17	17.22
MRBLD1CB120_COS			-473.03	-242.40	423.34	-173.64	-223.62	-41.17	-158.98	-52.18	-36.58	-8.37	20.36	-5.28	0.98	-8.26	-1.20	0.69
MRBLD1CB120_SIN			0.00	547.46	-133.45	33.02	373.89	-64.32	144.33	92.88	-15.67	23.11	-32.42	-35.65	-18.34	-4.84	5.56	5.32
MRBLD1CB164_COS			-1996.81	-85.47	161.26	-108.42	-131.87	17.06	-25.15	35.03	-42.93	-23.00	-0.53	-2.95	-0.42	-10.51	-17.00	-13.48
MRBLD1CB164_SIN			0.00	161.11	-45.34	-2.71	173.10	19.46	61.71	-28.16	-5.09	16.99	3.29	-40.12	-9.59	-7.29	7.87	-6.86
MRBLD1FB42P75_COS			2842.56	75.23	-336.54	109.55	-204.29	-259.88	-189.77	-323.89	-179.28	7.34	101.53	52.33	92.19	49.91	-13.85	42.92
MRBLD1FB42P75_SIN			0.00	-94.07	21.07	451.89	263.34	45.65	29.14	479.10	-70.33	-7.41	132.65	-8.65	15.65	8.30	-48.84	-1.50
MRBLD1FB70_COS			555.52	-17.01	-137.35	4.22	-85.34	-75.56	-36.98	-44.20	-11.43	8.79	6.52	0.21	-6.28	-6.05	2.39	-9.12
MRBLD1FB70_SIN			0.00	-196.89	17.34	137.41	73.99	-8.62	1.12	88.60	-7.54	1.26	3.77	2.83	0.03	-0.08	9.85	-0.86
MRBLD1FB87_COS			41.07	8.96	-116.55	-18.20	-47.25	-30.67	2.75	32.41	24.73	2.83	-18.62	-12.34	-19.19	-9.49	5.26	-7.21
MRBLD1FB87_SIN			0.00	-238.57	27.66	101.49	37.32	-1.10	-9.86	-42.79	5.95	-4.53	-34.88	-1.34	-4.19	0.86	14.34	4.59
MRBLD1FB120_COS			-360.97	-9.51	-189.54	-32.74	7.14	40.35	40.11	64.03	23.43	-15.34	-10.67	3.24	13.71	7.86	-8.36	10.98
MRBLD1FB120_SIN			0.00	-356.05	63.46	180.49	29.14	18.12	-7.39	-127.23	9.13	0.83	4.28	-3.18	1.62	-2.97	-22.26	-5.83
MRBLD1FB164_COS			84.58	13.43	-342.23	61.52	172.51	103.44	-8.51	-120.98	-49.38	21.41	20.03	-4.01	-27.30	-10.47	13.83	3.11
MRBLD1FB164_SIN			0.00	-185.58	46.00	354.39	-2.67	-66.29	10.34	174.10	-23.04	-4.62	-16.18	-1.97	-9.15	-1.85	14.45	7.32

RUN	POINT		Harmonics															
	48	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-25.03	-27.55	-225.86	39.20	154.64	34.31	-71.39	-88.31	15.83	19.66	-42.80	-28.83	-17.19	2.41	-9.71	11.44
MRBLD1FB180_SIN			0.00	-36.08	21.71	171.47	29.59	-54.24	-40.75	169.37	10.00	-31.80	-98.23	-6.23	-1.98	-9.11	-27.39	-4.34
MRBLD1TOR51_COS			-1310.00	68.77	-113.04	6.14	-20.42	-15.47	-71.15	-54.45	20.05	10.20	-0.24	-4.95	-0.47	3.05	5.87	7.22
MRBLD1TOR51_SIN			0.00	291.18	13.35	23.48	-6.35	35.65	6.45	98.21	8.75	1.62	-21.36	-9.08	-2.15	4.41	-6.67	-4.73
MRBLD1TOR71_COS			-177.70	80.91	-121.79	8.04	-1.68	0.75	-51.04	-28.16	20.72	6.13	-2.13	-6.51	-1.76	2.24	3.97	4.38
MRBLD1TOR71_SIN			0.00	262.22	5.29	-2.53	-21.59	37.39	9.43	78.20	15.55	1.87	-22.81	-8.62	-5.24	2.51	-3.48	-3.56
MRBLD1TOR130_COS			63.70	73.48	-100.26	11.06	14.90	10.96	-31.05	-33.68	6.45	2.50	-5.39	0.71	2.04	0.36	-3.41	-5.28
MRBLD1TOR130_SIN			0.00	283.74	0.26	-13.65	-27.28	33.09	15.32	65.87	1.55	3.65	10.01	5.61	3.26	1.86	2.43	1.88
MRBLD1TOR164_COS			-173.86	48.11	-29.37	9.38	-15.04	-21.18	-17.34	1.45	8.03	-1.16	-0.50	1.88	0.44	0.41	-1.38	-3.62
MRBLD1TOR164_SIN			0.00	238.10	-10.13	-54.77	-17.84	6.31	6.97	35.11	5.24	-6.50	-5.13	5.94	-0.04	-4.42	-1.42	8.38
MRFBM1CB26P5_COS			-2782.13	-470.68	77.04	78.46	6.05	-15.10	14.41	-21.27	-5.62	-0.77	-7.45	-0.30	2.23	0.52	0.76	-0.79
MRFBM1CB26P5_SIN			0.00	270.64	39.03	-21.33	-66.15	-16.53	-27.28	-2.09	-13.22	-1.27	23.05	-0.95	4.99	1.92	-3.09	0.76
MRFBM1FB9_COS			619.95	-329.10	76.65	27.31	45.78	28.49	17.94	31.43	1.88	-0.93	1.55	-0.62	-0.11	-0.04	-1.40	0.18
MRFBM1FB9_SIN			0.00	36.61	9.93	-137.22	-29.27	11.36	11.18	-7.77	7.08	-0.78	-4.97	-2.90	-3.49	-2.09	0.38	-1.70
MRFBM1TOR26P5_COS			-244.24	90.03	-0.34	0.21	-0.51	0.21	-1.43	-0.08	0.21	0.35	0.24	-0.08	-0.07	-0.04	0.06	0.15
MRFBM1TOR26P5_SIN			0.00	-133.60	0.84	-0.04	-0.08	0.11	-0.63	0.58	0.26	0.13	-0.59	-0.32	0.04	0.01	-0.03	-0.14

RUN	POINT		Harmonics															
	48	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-583.54	-957.82	206.35	81.84	-119.92	-129.55	-48.96	-159.34	-13.14	19.33	3.62	34.49	27.40	14.84	7.65	5.67
MRPC1CB33P25_SIN			0.00	716.34	30.31	42.60	-6.24	-66.49	-33.89	105.71	-56.25	-1.85	106.43	49.94	41.84	22.52	-19.21	15.42
MRPC1FB33P25_COS			2058.53	38.12	-303.12	27.89	-232.29	-223.50	-164.06	-444.21	-103.66	6.54	-2.04	44.34	49.35	26.28	32.59	23.92
MRPC1FB33P25_SIN			0.00	41.97	-49.64	392.00	189.64	-37.34	-40.72	243.11	-136.81	-3.39	158.41	33.49	74.34	44.59	-38.71	40.84
MRPC1TOR25P5_COS			-741.77	4.77	77.68	19.48	3.55	10.90	72.03	36.27	-23.70	-13.92	-1.48	11.57	4.09	-0.29	-4.90	-9.53
MRPC1TOR25P5_SIN			0.00	-401.64	-61.61	-14.55	23.97	-43.18	0.94	-98.47	-19.05	-3.40	39.45	22.62	6.51	-2.80	5.55	14.78
MRPLK1LOAD_COS			-60.21	2.04	12.82	-1.42	0.98	1.64	11.55	6.46	-3.01	-2.44	-0.88	1.24	0.65	0.07	-1.08	-2.10
MRPLK1LOAD_SIN			0.00	-60.94	-4.75	-2.89	0.94	-4.48	0.09	-14.05	-2.15	-0.94	5.91	3.59	0.42	-0.42	1.20	2.41
PITCHRH_COS			14962.66	-9048.32	-553.88	-2.12	-40.33	-222.96	-60.75	-117.02	152.23	-13.55	163.38	24.47	73.94	-55.74	-13.29	15.31
PITCHRH_SIN			0.00	1637.98	-663.32	-7.07	-82.39	245.38	84.59	109.17	-116.07	-108.74	-39.95	-15.95	3.63	-12.05	-13.10	-272.86
ROLLRH_COS			1841.34	-1307.34	736.81	-108.37	-140.20	-1738.77	70.84	49.24	71.84	101.76	233.06	24.55	50.76	-38.22	-0.59	177.40
ROLLRH_SIN			0.00	-9100.17	-573.33	50.66	-30.33	329.06	-218.67	-95.53	-236.55	-56.27	-59.28	-7.71	26.16	27.25	-2.49	254.12
TORQ_COS			67396.23	328.41	0.15	46.27	54.95	178.48	5.56	33.08	-3.78	5.85	18.16	3.56	0.01	-0.18	1.45	6.02
TORQ_SIN			0.00	636.21	-7.32	10.96	-19.57	119.53	17.10	29.87	7.24	-2.92	-112.58	11.34	-9.47	7.17	-2.00	-4.52
THRUST_COS			6121.25	-67.24	-5.31	20.24	2.17	101.74	6.34	27.30	-2.62	-0.31	-38.54	8.47	-2.32	-1.36	-1.49	-29.21
THRUST_SIN			0.00	-46.33	-4.58	-6.63	19.00	-15.24	9.88	8.96	-2.99	-0.57	-34.86	1.38	-0.21	-2.31	-9.20	-31.51

RUN	POINT		Harmonics															
	48	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-185.57	47.31	-15.81	-5.37	10.98	64.16	3.13	-3.19	-2.48	-5.30	-13.82	-1.17	-1.67	1.02	-0.13	-4.65
SIDERH_SIN			0.00	228.90	15.40	0.04	-12.58	-182.45	15.15	0.45	5.42	2.56	2.97	-1.13	-1.21	-1.08	0.16	-7.16
DRAGRH_COS			-103.47	236.74	14.33	-3.78	1.02	99.75	9.18	-1.75	-1.72	-0.47	-6.24	-2.07	-4.16	1.89	0.01	1.98
DRAGRH_SIN			0.00	-35.92	-1.29	-0.01	4.38	201.84	-4.96	3.10	-0.24	7.86	-0.31	2.74	3.18	-0.80	-0.27	12.08

RUN	POINT		Harmonics															
	48	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.82	2.00	-4.67	-3.93	-0.63	-0.29	0.35	0.40	0.01	0.00	0.05	-0.02	0.09	0.05	-0.02	-0.02
ACT1FORCE_SIN			0.00	20.38	2.38	-0.40	0.09	-0.22	-0.16	-0.40	0.45	0.11	0.07	-0.02	0.06	0.00	0.02	0.06
FA1IBCURRENT_COS			-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			388.07	185.61	24.71	29.83	7.82	7.47	-0.01	0.03	-0.04	0.00	0.02	0.00	-0.01	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN			0.00	-190.28	-19.15	-1.86	2.85	-2.43	-0.03	-0.01	0.00	0.01	0.02	-0.03	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS			0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			417.67	-185.83	-24.89	-29.93	-7.87	-7.49	-0.01	-0.03	0.04	0.00	-0.02	0.01	0.01	0.01	0.00	0.01
FA1OBVOLTAGE_SIN			0.00	190.77	19.15	1.89	-2.92	2.41	-0.01	0.00	0.00	0.00	-0.02	0.04	0.00	0.00	0.02	0.00
MRBLD1CB42P75_COS			-2132.23	-1751.23	328.57	-56.52	-102.26	-104.22	-97.19	-95.69	-11.32	28.63	50.89	33.71	28.95	15.64	-8.15	8.35
MRBLD1CB42P75_SIN			0.00	573.81	-3.53	139.19	94.24	-62.02	26.09	68.06	-13.65	5.81	46.91	52.14	29.50	20.31	1.91	-3.22

RUN	POINT		Harmonics															
	48	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3489.54	-1109.27	388.93	-180.87	-93.44	-37.14	-91.19	-61.48	-0.50	30.87	29.02	28.32	17.71	11.16	-2.97	14.09
MRBLD1CB70_SIN			0.00	450.90	-17.15	137.49	332.87	-47.96	94.72	79.68	1.26	7.17	6.89	36.06	10.48	11.16	4.79	0.04
MRBLD1CB120_COS			-523.01	-453.76	393.66	-173.37	-73.51	51.29	-37.78	-19.97	-29.99	-6.53	-5.73	-5.30	-5.81	-6.00	-2.78	1.88
MRBLD1CB120_SIN			0.00	372.80	-99.78	65.75	346.78	-7.70	97.26	45.46	0.88	7.94	-7.53	-19.35	-10.14	-2.90	0.83	2.79
MRBLD1CB164_COS			-1991.92	-122.24	135.34	-103.99	-72.13	53.81	30.53	18.59	-29.17	-20.89	-4.61	-7.07	-5.66	-9.04	-4.45	-15.16
MRBLD1CB164_SIN			0.00	161.49	-31.19	18.22	153.05	30.55	35.06	-16.49	-0.62	5.10	10.36	-21.43	-3.43	-3.52	1.04	2.53
MRBLD1FB42P75_COS			2764.69	265.32	-226.97	82.69	-181.57	-195.95	-180.14	-181.61	-147.30	-21.67	111.15	39.57	60.82	36.71	-11.58	8.28
MRBLD1FB42P75_SIN			0.00	-83.79	-21.81	545.17	-104.11	149.86	62.40	212.25	10.54	-12.57	16.49	-0.74	-3.49	2.14	13.30	-26.27
MRBLD1FB70_COS			536.33	-0.07	-93.09	-10.25	-64.11	-52.30	-33.80	-20.86	-8.98	5.52	4.54	0.58	-3.99	-4.52	2.45	-1.53
MRBLD1FB70_SIN			0.00	-190.81	4.06	169.56	-31.77	23.29	12.84	39.92	4.47	2.60	1.86	2.30	2.13	0.65	-1.85	5.61
MRBLD1FB87_COS			40.10	32.40	-89.16	-29.15	-37.38	-22.49	1.73	17.79	21.58	5.98	-22.60	-8.27	-12.55	-7.20	3.56	-1.13
MRBLD1FB87_SIN			0.00	-215.83	22.78	112.00	-8.16	5.77	-7.35	-22.44	-5.43	-2.19	-7.36	-2.40	0.68	1.34	-0.65	7.98
MRBLD1FB120_COS			-347.39	28.01	-170.67	-43.79	-6.13	27.63	37.74	29.18	17.37	-8.99	-4.31	1.06	8.70	5.66	-5.97	1.58
MRBLD1FB120_SIN			0.00	-282.10	58.10	172.07	49.36	-6.12	-12.77	-55.11	-5.34	0.43	1.19	-0.78	-2.52	-3.70	0.04	-11.53
MRBLD1FB164_COS			4.60	-43.15	-229.88	52.11	155.25	87.85	-9.60	-58.36	-35.80	12.78	7.08	0.07	-15.68	-6.63	8.45	4.15
MRBLD1FB164_SIN			0.00	-360.01	7.76	289.39	99.75	-67.60	4.93	75.01	1.73	1.92	-7.50	-5.45	1.95	3.46	0.38	6.20

RUN	POINT		Harmonics															
	48	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-104.70	-99.89	-129.22	20.92	137.60	51.36	-59.27	-49.03	15.13	22.42	-49.86	-20.81	-11.37	1.33	-8.82	0.58
MRBLD1FB180_SIN			0.00	-249.38	0.47	138.86	65.99	-48.56	-13.93	81.08	5.61	-22.71	-24.20	0.65	-0.24	-6.47	0.82	-11.48
MRBLD1TOR51_COS			-1430.89	-22.88	34.75	3.43	-22.12	-26.08	-55.10	-26.68	7.69	9.95	-4.88	-4.11	-1.45	2.33	0.24	4.92
MRBLD1TOR51_SIN			0.00	-83.25	-7.67	64.45	-7.84	13.37	29.25	54.22	4.90	-2.67	-12.31	-4.91	-1.72	1.30	-2.52	-4.24
MRBLD1TOR71_COS			-286.61	2.73	16.24	8.74	-10.06	-12.52	-38.64	-12.76	10.96	6.90	-7.83	-5.41	-2.58	1.70	0.73	2.74
MRBLD1TOR71_SIN			0.00	-88.87	-12.32	32.09	-11.84	11.68	26.98	45.59	8.99	-0.49	-12.13	-3.98	-2.69	0.67	-1.40	-2.97
MRBLD1TOR130_COS			-47.71	-15.41	33.53	15.85	1.44	-1.80	-23.55	-13.81	0.40	2.07	1.76	-0.80	1.40	0.68	-0.81	-3.87
MRBLD1TOR130_SIN			0.00	-78.21	-19.73	12.42	-1.52	8.64	23.43	37.21	3.33	0.34	5.46	5.47	2.33	1.39	1.49	1.12
MRBLD1TOR164_COS			-251.78	-19.21	50.01	14.29	-12.70	-22.73	-17.19	3.34	8.44	-0.62	-3.08	0.30	1.04	-0.05	-2.04	-1.25
MRBLD1TOR164_SIN			0.00	-27.64	-19.97	-33.48	-18.69	3.21	13.44	19.45	2.45	-2.52	-1.13	3.92	-0.18	-1.21	0.38	2.08
MRFBM1CB26P5_COS			-2853.64	-820.24	104.07	60.32	-9.69	-18.54	-3.77	-12.48	-4.69	-1.84	5.22	-0.41	2.11	0.77	-1.47	-0.14
MRFBM1CB26P5_SIN			0.00	141.23	24.13	-3.37	-60.34	-17.09	-17.02	-4.70	-6.66	-1.89	10.22	0.04	2.70	0.93	-1.21	-1.08
MRFBM1FB9_COS			466.63	-8.22	1.82	43.45	23.76	26.08	17.33	15.26	4.19	-0.56	-1.59	-0.46	-0.56	-0.07	0.53	-0.85
MRFBM1FB9_SIN			0.00	15.01	35.25	-157.03	9.00	-0.98	3.33	-2.10	4.41	0.13	-3.45	-1.88	-2.28	-1.45	0.20	-0.54
MRFBM1TOR26P5_COS			-245.12	87.89	0.62	0.15	0.05	-0.21	-0.91	-0.11	0.13	0.31	-0.09	0.01	-0.03	-0.04	0.03	0.08
MRFBM1TOR26P5_SIN			0.00	-140.53	0.30	-0.12	0.38	-0.04	0.42	0.45	0.09	0.03	-0.27	-0.30	0.01	0.00	-0.03	-0.03

RUN	POINT		Harmonics															
	48	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-708.63	-1530.63	244.34	26.35	-77.49	-97.58	-70.32	-83.73	-27.42	12.88	44.54	23.02	25.35	12.62	-9.28	7.63
MRPC1CB33P25_SIN			0.00	564.96	-15.86	101.50	-33.13	-29.95	-3.42	41.32	-25.08	-3.88	42.69	30.74	21.99	15.59	0.09	-3.76
MRPC1FB33P25_COS			2003.25	207.25	-218.88	-12.17	-123.41	-198.48	-168.32	-226.27	-116.90	-10.80	71.96	28.69	43.21	22.44	-18.67	27.60
MRPC1FB33P25_SIN			0.00	77.81	-67.91	463.51	-107.41	67.00	-13.52	91.56	-61.18	-22.50	75.94	25.99	38.56	30.45	-0.37	-7.05
MRPC1TOR25P5_COS			-616.62	96.23	-85.64	16.02	19.62	24.33	53.58	15.81	-11.52	-12.94	12.03	8.06	6.28	1.10	-1.78	-5.29
MRPC1TOR25P5_SIN			0.00	-8.09	-30.29	-65.28	18.81	-13.56	-24.90	-56.72	-10.55	1.96	21.75	14.17	4.46	1.58	4.50	4.99
MRPLK1LOAD_COS			-43.77	12.51	-7.15	-1.28	2.19	3.79	8.37	3.58	-1.42	-2.15	1.45	0.60	0.71	0.23	-0.21	-1.16
MRPLK1LOAD_SIN			0.00	-10.68	-1.37	-8.26	0.88	-0.89	-4.34	-8.14	-1.05	0.05	3.20	2.55	0.54	0.06	0.74	0.84
PITCHRH_COS			8483.21	-9162.08	-155.48	79.90	-22.61	-832.31	-40.37	14.23	-107.76	-48.39	71.00	21.30	46.86	-37.54	-10.87	-71.96
PITCHRH_SIN			0.00	1344.77	-735.51	53.98	-42.48	-647.38	-147.68	146.28	148.44	-10.94	-110.83	-23.06	26.67	8.96	-0.07	-76.81
ROLLRH_COS			2747.94	-1158.34	725.61	-48.57	59.74	155.32	110.05	-18.91	-97.94	82.57	286.76	11.08	9.17	12.81	-39.92	58.87
ROLLRH_SIN			0.00	-9082.56	-166.12	26.59	6.40	452.67	-26.43	-48.26	-553.60	-86.57	-49.74	-9.36	30.72	26.86	4.67	55.22
TORQ_COS			65355.14	336.82	4.20	43.92	32.94	140.39	3.99	40.33	-2.96	-0.23	-20.92	1.67	3.30	-1.38	-0.10	3.57
TORQ_SIN			0.00	728.18	-23.23	4.61	-83.44	147.63	6.70	20.20	2.17	-4.18	-42.00	6.85	-6.50	9.47	-2.88	-5.16
THRUST_COS			5733.16	-87.16	10.36	14.31	-0.71	92.78	-1.01	27.04	2.89	-0.44	-45.14	1.68	-0.77	2.99	1.84	-25.74
THRUST_SIN			0.00	-81.36	-10.48	0.05	26.53	-46.76	5.94	-1.36	-4.20	1.11	-1.26	1.60	-0.86	0.83	-5.10	-12.13

RUN	POINT		Harmonics															
	48	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.17	43.75	-19.73	-1.52	-10.19	-41.22	-5.16	-0.09	3.99	-3.65	-14.50	-0.64	-0.11	-0.39	1.18	-1.24
SIDERH_SIN			0.00	235.11	6.00	-1.66	-1.44	-77.06	-0.42	0.51	13.63	4.88	3.65	-0.44	-1.11	-0.63	-0.14	-1.82
DRAGRH_COS			-176.00	234.78	14.42	-2.24	5.42	130.32	-5.31	-0.86	-3.41	0.46	1.81	-0.28	-2.91	1.66	0.83	4.04
DRAGRH_SIN			0.00	-39.26	10.74	-0.29	3.33	21.54	14.16	-2.36	-7.66	0.24	5.62	1.47	1.41	-1.61	-0.32	3.45

RUN	POINT		Harmonics															
	48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	1.99	0.00	0.00	0.00	0.00	-0.01	0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	-0.01	-0.01	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.72	4.94	-4.86	-4.41	-0.67	-0.56	0.14	0.48	0.16	0.12	-0.05	-0.05	-0.04	0.09	-0.06	0.02
ACT1FORCE_SIN			0.00	21.35	3.70	-0.01	-0.05	0.10	-0.46	-0.80	0.53	0.12	0.24	0.03	0.06	-0.04	0.00	0.04
FA1IBCURRENT_COS			0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			379.58	317.37	21.00	31.04	7.64	9.31	0.04	0.07	-0.07	-0.02	-0.02	-0.03	-0.01	-0.02	-0.01	-0.02
FA1IBVOLTAGE_SIN			0.00	-228.54	-27.70	-4.02	3.09	-4.77	-0.04	-0.04	0.02	0.00	-0.01	-0.07	-0.01	0.01	-0.02	0.01
FA1OBCURRENT_COS			0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			426.23	-317.96	-21.35	-31.18	-7.70	-9.32	-0.11	-0.07	0.05	0.02	0.02	0.03	0.02	0.01	0.01	0.03
FA1OBVOLTAGE_SIN			0.00	229.14	27.31	4.00	-3.28	4.72	-0.03	0.04	-0.01	0.00	0.01	0.07	0.01	-0.01	0.01	-0.01
MRBLD1CB42P75_COS			-2112.55	-1806.61	353.83	-58.73	-77.27	-84.26	-89.88	-129.21	-10.40	26.06	64.96	26.04	25.89	13.27	-9.73	7.77
MRBLD1CB42P75_SIN			0.00	686.85	-24.91	124.86	61.43	-49.58	34.61	75.46	-24.28	0.11	65.60	53.04	29.80	21.04	1.80	1.89

RUN	POINT		Harmonics															
	48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3507.25	-1170.05	401.56	-181.22	-70.04	-3.41	-86.04	-80.71	-0.03	26.39	47.39	24.46	15.20	11.35	-6.06	13.72
MRBLD1CB70_SIN			0.00	511.43	-17.82	110.09	271.09	-9.60	89.06	87.38	-9.65	0.87	24.24	37.46	11.66	11.56	4.44	3.33
MRBLD1CB120_COS			-509.20	-519.15	396.02	-174.62	-68.64	81.54	-35.83	-24.97	-21.78	-6.90	-15.98	-1.56	-3.51	-4.57	-2.28	1.54
MRBLD1CB120_SIN			0.00	386.75	-91.77	39.44	285.19	36.78	81.76	57.96	-2.46	8.21	-16.58	-18.03	-9.82	-2.51	1.49	3.24
MRBLD1CB164_COS			-1993.78	-121.80	131.18	-108.00	-67.80	64.61	28.92	28.24	-23.19	-19.03	-19.14	-3.53	-2.37	-7.65	-1.65	-13.91
MRBLD1CB164_SIN			0.00	163.05	-20.97	4.68	129.60	49.55	24.56	-11.58	3.96	8.78	-3.53	-21.88	-3.86	-3.84	1.09	0.39
MRBLD1FB42P75_COS			2750.73	273.30	-202.06	38.95	-206.95	-194.88	-160.46	-231.34	-132.84	-16.48	95.86	36.07	60.58	36.11	-10.86	16.31
MRBLD1FB42P75_SIN			0.00	-108.08	-59.85	509.55	-99.93	132.01	73.77	265.81	-12.38	-17.79	26.16	2.31	-4.19	6.54	13.74	-15.82
MRBLD1FB70_COS			534.44	4.84	-83.75	-25.55	-70.92	-50.26	-29.13	-30.50	-8.61	5.14	5.36	0.39	-4.45	-4.70	2.26	-3.18
MRBLD1FB70_SIN			0.00	-187.42	-7.66	156.16	-34.28	19.82	14.70	49.79	1.17	1.93	2.04	2.39	2.10	-0.14	-2.41	3.45
MRBLD1FB87_COS			39.55	42.03	-83.56	-39.79	-41.80	-23.63	1.11	21.88	18.69	4.44	-20.96	-7.45	-12.53	-6.84	3.61	-2.64
MRBLD1FB87_SIN			0.00	-212.77	18.25	103.57	-9.55	4.07	-9.03	-27.52	-2.43	-1.49	-10.02	-3.67	0.47	0.27	-0.39	6.34
MRBLD1FB120_COS			-348.20	60.97	-161.98	-57.48	-3.16	24.30	33.33	43.20	15.76	-8.40	-4.49	0.79	8.97	5.66	-6.39	3.44
MRBLD1FB120_SIN			0.00	-279.01	58.18	161.07	46.84	-5.28	-16.92	-70.50	-1.58	0.49	0.93	-0.55	-2.81	-2.05	0.39	-8.97
MRBLD1FB164_COS			13.09	-112.76	-203.38	50.04	150.68	88.03	-4.71	-79.15	-33.47	13.95	8.25	0.40	-15.52	-6.33	8.05	3.02
MRBLD1FB164_SIN			0.00	-351.80	-45.05	283.37	100.08	-63.33	14.90	96.54	-3.50	1.23	-8.61	-6.87	1.87	1.45	-0.11	5.09

RUN	POINT		Harmonics															
	48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-94.15	-180.30	-119.77	26.86	136.87	45.67	-52.77	-61.69	13.18	19.70	-42.68	-16.11	-10.21	1.86	-8.02	3.35
MRBLD1FB180_SIN			0.00	-236.76	-43.47	133.18	69.41	-45.90	-10.26	100.45	3.56	-23.51	-32.15	-5.20	-2.57	-5.94	1.41	-8.12
MRBLD1TOR51_COS			-1432.05	-134.60	52.92	10.16	-22.41	-23.18	-51.01	-41.12	10.80	8.94	-3.07	-2.76	-0.84	2.73	0.60	3.98
MRBLD1TOR51_SIN			0.00	-88.25	-54.53	64.71	-7.56	19.29	25.27	60.97	4.28	-4.87	-11.68	-5.60	-2.50	1.03	-2.21	-2.50
MRBLD1TOR71_COS			-286.72	-102.08	31.43	15.85	-10.33	-10.57	-35.38	-22.99	13.24	5.86	-6.76	-3.81	-1.98	2.11	0.62	2.54
MRBLD1TOR71_SIN			0.00	-94.31	-55.12	34.15	-9.92	16.73	23.47	50.84	9.65	-2.82	-11.28	-4.17	-3.31	0.63	-0.98	-2.22
MRBLD1TOR130_COS			-47.32	-124.05	46.36	24.00	2.55	0.94	-21.54	-23.42	3.33	1.43	0.29	-0.59	1.61	0.53	-1.63	-2.82
MRBLD1TOR130_SIN			0.00	-83.18	-61.54	15.57	0.75	13.31	21.86	41.89	3.78	-2.26	6.76	5.59	1.88	1.80	1.63	0.04
MRBLD1TOR164_COS			-251.65	-98.20	52.62	21.76	-13.11	-20.28	-14.84	-0.09	8.61	-0.97	-2.97	1.07	1.50	-0.23	-2.64	-0.57
MRBLD1TOR164_SIN			0.00	-31.58	-43.74	-30.27	-17.05	4.36	12.77	21.17	2.50	-4.52	-1.22	3.99	-0.28	-0.39	0.45	1.79
MRFBM1CB26P5_COS			-2843.73	-864.90	116.24	61.79	-2.59	-20.80	-2.79	-17.08	-4.05	-1.44	2.59	-0.89	2.32	0.37	-1.04	-0.34
MRFBM1CB26P5_SIN			0.00	190.82	13.40	2.99	-54.92	-23.08	-13.82	-4.43	-6.59	-1.11	9.70	0.05	2.47	1.20	-0.92	-0.24
MRFBM1FB9_COS			455.01	8.04	-23.15	50.00	26.24	25.18	15.60	19.16	3.04	-0.82	-1.40	-0.14	-0.51	0.09	0.59	-0.44
MRFBM1FB9_SIN			0.00	-27.74	61.13	-143.58	11.62	-0.50	2.62	-2.13	4.87	0.29	-3.74	-1.71	-2.27	-1.47	0.14	-0.79
MRFBM1TOR26P5_COS			-245.04	86.10	0.98	0.19	0.07	-0.20	-0.98	-0.14	0.06	0.34	0.01	-0.02	-0.06	-0.04	0.06	0.04
MRFBM1TOR26P5_SIN			0.00	-141.04	-0.19	0.04	0.16	0.22	0.25	0.56	0.01	0.17	-0.33	-0.30	0.02	-0.03	-0.04	0.00

RUN	POINT		Harmonics															
	48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-689.94	-1555.33	264.41	22.81	-61.13	-88.82	-63.50	-112.26	-23.45	12.91	47.66	17.89	23.91	10.48	-9.78	7.29
MRPC1CB33P25_SIN			0.00	672.72	-43.45	97.68	-44.93	-32.74	7.12	50.01	-32.15	-6.65	51.54	31.38	21.95	16.83	0.07	2.04
MRPC1FB33P25_COS			1987.58	220.39	-194.27	-43.85	-145.09	-191.64	-157.15	-286.61	-95.81	-4.60	55.92	23.92	43.34	18.83	-19.07	22.55
MRPC1FB33P25_SIN			0.00	54.90	-93.02	425.39	-112.29	53.21	2.19	113.46	-72.20	-24.75	75.08	25.91	38.08	32.63	1.28	5.73
MRPC1TOR25P5_COS			-619.11	215.29	-103.02	5.74	20.93	22.57	49.72	28.38	-13.93	-11.43	8.83	6.40	5.91	0.42	-3.59	-3.17
MRPC1TOR25P5_SIN			0.00	-4.01	21.24	-68.20	16.06	-19.35	-18.40	-63.54	-10.02	1.87	23.04	15.54	4.91	2.70	4.43	2.84
MRPLK1LOAD_COS			-43.64	27.55	-9.55	-2.19	2.22	3.49	8.05	5.30	-1.49	-2.05	0.74	0.60	0.82	0.12	-0.69	-0.68
MRPLK1LOAD_SIN			0.00	-9.87	5.13	-8.63	0.84	-1.91	-3.28	-9.28	-0.76	-0.27	3.48	2.72	0.57	0.35	0.82	0.37
PITCHRH_COS			8213.42	-9182.43	-179.28	64.03	-52.15	-930.63	0.36	44.08	-157.74	-56.32	35.94	55.86	66.47	-34.81	-13.22	-28.85
PITCHRH_SIN			0.00	1353.48	-821.15	72.80	-5.46	-610.41	-91.61	162.65	115.40	-60.19	85.13	-118.40	32.07	6.09	-5.96	-47.41
ROLLRH_COS			4026.92	-1184.66	836.68	-61.77	-1.49	248.15	159.55	-15.55	-88.57	57.62	249.78	86.94	20.28	-12.08	-47.45	11.87
ROLLRH_SIN			0.00	-9127.23	-165.29	31.70	16.98	432.91	-11.32	-29.55	-545.98	-79.27	-54.70	4.08	22.08	30.97	-19.62	0.25
TORQ_COS			65481.48	309.54	7.13	35.62	-18.89	131.43	9.76	55.79	-0.90	0.14	-11.53	2.33	2.23	0.02	-1.82	2.24
TORQ_SIN			0.00	724.57	-29.29	-0.58	-46.35	155.72	4.69	19.40	-3.11	-7.82	-42.38	6.39	-5.82	9.43	-3.34	-5.49
THRUST_COS			5701.64	-82.47	8.32	14.21	2.90	98.43	-6.25	32.24	4.27	1.88	-42.80	4.45	-3.72	2.55	2.19	-17.94
THRUST_SIN			0.00	-73.88	-13.00	1.42	19.68	-36.30	0.55	-5.33	-2.26	4.95	-18.55	6.26	1.07	0.79	-5.98	-13.75

RUN	POINT		Harmonics															
	48	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.41	46.33	-23.26	-1.74	-14.69	-35.06	-9.10	-0.77	3.53	-2.48	-13.28	-3.33	-0.45	0.31	1.50	0.47
SIDERH_SIN			0.00	236.26	8.28	-2.01	-22.68	-63.49	1.29	0.67	13.50	4.50	4.04	-0.98	-0.50	-0.75	0.47	0.16
DRAGRH_COS			-178.19	235.12	17.30	-2.13	-3.75	103.13	-0.79	-0.92	-1.76	1.90	2.30	-1.42	-3.02	1.85	0.77	1.41
DRAGRH_SIN			0.00	-38.07	8.81	-0.42	7.30	21.84	13.40	-0.58	-7.81	0.85	1.51	6.08	0.32	-1.92	-0.14	1.71

RUN	POINT		Harmonics															
	48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	2.98	-0.01	0.00	0.00	0.00	-0.02	0.01	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	-0.02	-0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.78	6.74	-4.84	-5.05	-0.26	-0.52	-0.15	0.58	0.34	0.05	0.00	-0.03	-0.02	0.06	-0.09	-0.05
ACT1FORCE_SIN			0.00	21.75	4.52	0.48	-0.25	0.66	-0.47	-1.03	0.52	0.12	0.20	-0.05	0.13	-0.01	-0.01	0.00
FA1IBCURRENT_COS			0.00	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.07	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			376.88	417.74	15.44	33.95	4.13	8.78	-0.04	0.07	-0.10	-0.01	-0.02	-0.01	-0.03	-0.02	0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-271.29	-29.85	-4.29	4.84	-9.43	-0.11	0.02	0.03	0.00	-0.01	-0.06	-0.01	-0.01	-0.02	-0.01
FA1OBCURRENT_COS			0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.06	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			429.28	-418.63	-15.66	-34.19	-4.23	-8.74	-0.16	-0.07	0.03	0.02	0.00	0.01	0.03	0.02	-0.01	0.02
FA1OBVOLTAGE_SIN			0.00	272.36	28.60	4.42	-5.41	9.47	-0.08	0.01	-0.04	0.01	0.01	0.06	0.02	0.01	0.03	0.02
MRBLD1CB42P75_COS			-2088.82	-1782.02	370.47	-50.40	-84.59	-92.29	-81.31	-154.95	-0.62	10.51	23.60	33.06	27.05	12.78	-9.56	10.76
MRBLD1CB42P75_SIN			0.00	863.99	-63.28	137.21	101.41	-67.28	31.21	75.25	-24.46	-12.17	54.46	18.55	22.88	14.19	-7.80	-2.96

RUN	POINT		Harmonics															
	48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3525.60	-1172.07	411.26	-181.29	-78.48	-29.27	-63.82	-100.19	1.63	10.90	11.61	25.40	15.77	6.79	-6.62	14.77
MRBLD1CB70_SIN			0.00	604.63	-24.74	122.27	321.99	-44.51	82.68	84.41	-8.95	-10.61	24.75	11.24	6.00	7.02	-2.97	-0.19
MRBLD1CB120_COS			-495.17	-545.62	394.91	-175.33	-58.23	47.91	-9.34	-32.61	-27.41	2.20	5.51	-5.16	-4.66	-5.70	-2.14	1.82
MRBLD1CB120_SIN			0.00	394.32	-82.66	54.53	323.97	4.33	83.22	56.39	3.21	16.15	-14.13	-1.13	-7.17	-0.47	2.27	3.82
MRBLD1CB164_COS			-1995.38	-109.96	122.09	-110.78	-55.67	47.13	37.18	34.93	-28.11	-6.40	8.28	-6.46	-4.30	-5.72	-2.33	-15.24
MRBLD1CB164_SIN			0.00	154.51	-9.72	11.09	143.88	37.60	25.82	-11.69	7.51	18.15	-5.25	-2.66	-0.26	-0.46	6.64	1.86
MRBLD1FB42P75_COS			2741.05	260.29	-184.49	65.53	-118.57	-179.34	-153.31	-276.54	-109.79	-3.18	76.45	39.00	57.47	29.59	-25.70	11.29
MRBLD1FB42P75_SIN			0.00	-149.37	-117.59	541.30	-117.02	122.61	78.74	286.57	-8.15	-21.24	6.62	-17.76	-10.95	-2.04	0.12	-28.60
MRBLD1FB70_COS			533.95	4.46	-80.59	-18.12	-46.07	-48.73	-27.97	-39.51	-5.90	4.89	3.97	0.05	-3.79	-3.55	5.22	-2.33
MRBLD1FB70_SIN			0.00	-180.81	-28.90	168.59	-34.42	18.17	17.49	55.30	2.35	2.95	3.91	3.33	3.16	1.50	0.58	6.53
MRBLD1FB87_COS			41.62	46.26	-82.57	-37.10	-30.84	-22.49	1.50	26.32	16.08	3.12	-15.17	-7.03	-11.28	-5.14	7.13	-1.28
MRBLD1FB87_SIN			0.00	-203.71	7.96	110.52	-9.70	4.62	-6.77	-27.95	-2.28	-0.19	-6.25	2.68	2.54	2.10	2.05	8.10
MRBLD1FB120_COS			-348.33	82.67	-155.46	-62.14	-8.16	20.67	29.36	54.64	11.23	-9.05	-4.82	0.35	7.95	4.05	-10.75	2.53
MRBLD1FB120_SIN			0.00	-263.83	52.79	170.11	46.22	-2.73	-18.48	-78.84	-2.39	-0.47	-0.15	-3.58	-4.10	-3.39	-2.69	-11.54
MRBLD1FB164_COS			20.00	-191.06	-175.59	55.81	110.34	89.88	1.16	-94.54	-27.42	15.11	8.56	-1.18	-14.68	-5.55	10.36	3.34
MRBLD1FB164_SIN			0.00	-325.09	-105.64	301.89	105.90	-57.08	19.00	104.93	-2.37	1.16	-7.78	-2.79	3.44	2.48	1.26	5.88

RUN	POINT		Harmonics															
	48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-87.39	-258.74	-108.48	35.42	115.74	40.45	-44.72	-69.02	13.23	13.95	-31.75	-15.75	-12.16	-0.24	-12.56	1.43
MRBLD1FB180_SIN			0.00	-214.00	-88.33	138.58	74.14	-41.44	-7.34	107.78	2.41	-21.94	-24.17	7.96	0.04	-4.36	-0.31	-11.83
MRBLD1TOR51_COS			-1432.06	-244.97	68.66	21.91	-12.02	-11.94	-33.49	-43.23	13.33	5.93	-5.18	-4.52	-0.45	2.88	0.22	4.19
MRBLD1TOR51_SIN			0.00	-94.00	-104.75	74.01	-9.73	9.10	20.45	59.30	2.26	-5.01	-11.21	-4.49	-1.84	0.62	-4.17	-4.82
MRBLD1TOR71_COS			-285.80	-207.01	45.20	26.39	-2.88	0.30	-19.23	-22.33	14.85	3.45	-7.77	-6.40	-2.26	1.84	0.04	2.67
MRBLD1TOR71_SIN			0.00	-101.00	-100.83	41.43	-12.98	8.89	19.66	49.60	6.95	-3.04	-11.73	-2.71	-1.93	1.07	-1.96	-3.15
MRBLD1TOR130_COS			-46.96	-232.81	58.13	33.05	4.55	9.93	-8.20	-24.20	5.06	0.73	-1.76	-1.19	0.55	-0.10	-1.84	-2.63
MRBLD1TOR130_SIN			0.00	-89.18	-104.64	19.70	-0.88	8.01	20.16	41.46	2.44	-2.22	1.77	4.19	3.20	2.53	2.18	1.69
MRBLD1TOR164_COS			-251.63	-174.08	55.66	29.27	-6.93	-13.90	-6.48	0.29	8.31	-1.42	-2.96	0.16	0.29	-1.25	-2.53	-0.11
MRBLD1TOR164_SIN			0.00	-38.35	-66.69	-30.83	-16.01	-0.01	12.66	21.06	0.60	-4.63	-2.83	3.82	0.26	0.13	0.36	2.92
MRFBM1CB26P5_COS			-2836.36	-880.01	125.54	67.81	-8.92	-16.75	-4.54	-19.01	-1.22	-0.47	3.58	0.83	2.59	1.45	-0.90	0.40
MRFBM1CB26P5_SIN			0.00	279.48	-5.66	4.45	-56.09	-19.84	-14.02	-4.27	-7.39	-1.16	5.85	-0.42	2.33	0.60	-2.04	-0.76
MRFBM1FB9_COS			444.26	2.88	-39.37	46.63	15.55	24.18	15.77	21.90	2.84	-0.72	-0.83	-1.14	-0.70	-0.25	0.05	-0.99
MRFBM1FB9_SIN			0.00	-93.22	97.91	-154.28	7.95	0.51	1.53	-1.75	3.78	0.38	-2.72	-1.16	-2.00	-1.09	0.71	-0.45
MRFBM1TOR26P5_COS			-245.41	83.94	1.36	0.37	0.13	-0.43	-1.20	-0.23	0.05	0.27	0.08	0.03	0.02	-0.01	0.07	0.02
MRFBM1TOR26P5_SIN			0.00	-140.97	-0.51	0.16	-0.34	-0.36	-0.26	0.47	0.05	0.20	-0.04	-0.23	-0.04	-0.06	-0.05	-0.05

RUN	POINT		Harmonics															
	48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-671.59	-1507.53	275.79	31.67	-58.66	-89.98	-61.97	-131.64	-14.54	5.93	26.30	23.61	24.31	10.44	-10.01	9.98
MRPC1CB33P25_SIN			0.00	832.30	-85.59	105.38	-23.93	-37.40	8.34	51.22	-32.54	-11.87	39.60	9.95	16.49	11.04	-8.26	-2.08
MRPC1FB33P25_COS			1978.28	217.70	-171.09	-27.60	-68.76	-177.39	-152.38	-330.14	-80.28	6.83	52.25	39.69	46.62	20.74	-16.74	31.68
MRPC1FB33P25_SIN			0.00	15.84	-135.25	456.07	-104.52	50.59	8.90	112.22	-58.94	-20.12	49.41	11.55	30.60	22.29	-20.23	-6.10
MRPC1TOR25P5_COS			-621.95	333.47	-114.84	-6.56	11.56	10.18	33.00	29.43	-15.52	-7.24	7.89	8.83	4.86	-1.06	-3.29	-1.68
MRPC1TOR25P5_SIN			0.00	0.85	74.43	-76.06	21.28	-8.61	-11.86	-61.20	-7.94	2.31	16.32	9.87	5.54	3.63	4.99	6.79
MRPLK1LOAD_COS			-43.81	42.52	-11.35	-3.87	0.80	2.21	6.03	5.71	-1.73	-1.43	0.49	0.57	0.29	-0.23	-0.72	-0.38
MRPLK1LOAD_SIN			0.00	-8.65	12.04	-9.83	1.70	-0.01	-1.79	-8.89	-0.54	-0.36	1.81	1.88	0.89	0.63	0.96	1.18
PITCHRH_COS			8362.75	-9201.30	-177.38	61.87	-41.32	-852.80	-119.20	44.90	-218.08	5.14	21.87	25.24	48.62	-41.56	16.89	-107.51
PITCHRH_SIN			0.00	1327.74	-929.97	124.94	-46.76	-977.77	-126.31	128.93	-74.95	47.04	67.45	49.32	11.60	-14.06	8.62	-69.00
ROLLRH_COS			5691.07	-1153.42	922.26	-21.41	47.02	452.75	90.41	-68.78	146.57	57.40	210.60	-14.37	14.11	-3.81	-32.81	3.21
ROLLRH_SIN			0.00	-9114.12	-96.45	20.07	26.87	807.74	-51.64	-20.91	-647.79	-48.09	-65.14	37.20	20.97	17.64	-11.02	-11.29
TORQ_COS			65594.96	338.96	6.55	27.14	15.84	126.45	6.75	64.62	-13.21	0.56	-15.02	0.52	2.65	-4.49	-0.17	2.75
TORQ_SIN			0.00	735.98	-39.24	-11.54	-76.82	163.99	8.34	16.91	5.45	-2.37	-26.89	7.54	-5.31	10.06	-4.15	-6.02
THRUST_COS			5668.91	-84.52	6.94	7.45	-1.01	94.12	-0.95	39.70	2.84	-2.36	-38.95	-4.05	-6.30	2.70	1.15	-20.36
THRUST_SIN			0.00	-75.56	-13.48	3.57	23.78	-17.42	5.01	-9.50	0.02	-6.58	-9.72	-1.90	-0.29	2.82	-6.61	-4.07

RUN	POINT		Harmonics															
	48	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-150.42	45.10	-25.04	0.76	-1.03	-65.11	-5.82	0.60	-1.71	-2.42	-10.82	-0.31	-0.76	-0.07	1.29	0.52
SIDERH_SIN			0.00	234.10	6.06	-0.77	-16.24	-71.81	4.58	0.97	17.15	2.86	4.44	-1.89	-0.23	-0.35	0.44	0.59
DRAGRH_COS			-175.89	235.10	22.92	-2.60	2.10	135.93	2.78	0.48	2.26	-2.05	0.07	-1.79	-0.88	2.35	-1.26	5.92
DRAGRH_SIN			0.00	-39.32	7.82	0.58	2.77	31.06	10.67	-1.23	-5.96	-2.17	0.47	-0.18	1.92	-0.68	-0.69	2.48

RUN	POINT		Harmonics															
	48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.99	0.00	0.00	0.00	0.00	0.01	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.01	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.57	-1.63	-3.88	-1.70	-0.77	0.01	0.31	0.58	-0.03	-0.08	0.03	-0.03	0.04	0.11	0.01	0.09
ACT1FORCE_SIN			0.00	9.53	-0.07	-0.76	0.01	-0.15	-0.47	-0.17	0.10	0.20	-0.13	0.07	0.07	-0.07	-0.11	-0.06
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			377.23	-210.19	29.58	12.40	4.01	1.75	0.06	0.03	0.00	-0.03	0.04	-0.01	-0.02	0.00	0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-22.49	-5.69	8.08	3.36	3.53	0.01	0.07	0.01	-0.04	-0.02	0.00	0.00	0.01	0.00	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			428.52	210.62	-29.59	-12.46	-4.06	-1.77	-0.07	-0.03	0.01	0.03	-0.03	0.01	0.02	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	22.40	5.63	-8.02	-3.34	-3.54	0.00	-0.07	-0.01	0.04	0.01	0.00	0.00	-0.01	0.00	-0.02
MRBLD1CB42P75_COS			-2134.93	-1622.60	315.26	-7.99	-78.28	-140.22	-100.07	-69.50	-5.66	29.78	66.67	48.32	32.70	21.40	-7.17	1.82
MRBLD1CB42P75_SIN			0.00	369.25	51.01	126.05	101.58	-54.24	31.20	67.87	1.40	1.87	-1.00	74.63	27.62	18.78	9.19	-0.46

RUN	POINT		Harmonics															
	48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3496.73	-990.47	378.39	-117.89	-37.39	-134.79	-92.18	-37.30	11.25	35.48	29.50	42.89	19.77	17.72	0.57	9.39
MRBLD1CB70_SIN			0.00	332.12	-2.90	150.84	327.70	-47.78	109.51	78.23	6.42	3.95	-33.18	50.44	9.12	7.99	9.50	1.85
MRBLD1CB120_COS			-518.03	-345.13	381.18	-122.18	-24.51	-62.33	-41.46	-6.95	-21.67	2.31	-7.26	-11.39	-6.30	-5.57	-1.65	3.43
MRBLD1CB120_SIN			0.00	338.74	-101.23	81.94	347.84	-20.97	118.92	44.06	-2.00	10.22	19.57	-31.05	-8.86	-1.60	0.89	1.77
MRBLD1CB164_COS			-1986.96	-127.93	133.18	-76.13	-57.89	8.24	30.79	14.71	-27.16	-13.73	-1.48	-15.63	-5.71	-12.13	-5.04	-10.98
MRBLD1CB164_SIN			0.00	150.41	-45.49	23.33	153.40	17.42	40.94	-15.59	-2.16	9.04	44.00	-32.71	-2.46	-0.21	-0.44	2.84
MRBLD1FB42P75_COS			2763.10	248.88	-231.08	176.43	-231.14	-185.11	-189.93	-139.98	-140.61	-15.93	147.31	50.94	65.78	44.49	0.97	3.74
MRBLD1FB42P75_SIN			0.00	-33.84	56.10	481.55	-25.69	150.99	80.40	189.79	27.68	-24.96	-16.52	7.99	-13.14	-8.35	16.04	-16.28
MRBLD1FB70_COS			531.86	-8.95	-96.56	27.22	-77.67	-54.21	-35.30	-12.72	-6.88	5.80	3.71	0.46	-4.90	-6.01	-0.24	-0.87
MRBLD1FB70_SIN			0.00	-197.36	31.86	148.39	-9.90	24.50	16.93	35.19	6.22	1.50	0.04	2.46	3.29	2.31	-2.61	3.89
MRBLD1FB87_COS			34.34	12.71	-92.08	-4.53	-43.94	-23.84	1.91	13.68	20.66	5.25	-28.94	-11.47	-12.87	-7.93	1.94	0.53
MRBLD1FB87_SIN			0.00	-222.57	34.61	102.59	1.88	7.18	-6.82	-19.75	-7.86	0.49	1.62	-4.93	3.26	4.15	-0.92	6.10
MRBLD1FB120_COS			-350.68	-28.70	-170.53	-7.38	0.80	29.45	39.49	18.46	13.18	-9.89	-2.85	2.14	8.58	6.63	-3.49	-0.34
MRBLD1FB120_SIN			0.00	-289.79	55.41	162.81	45.78	-7.31	-20.46	-48.64	-10.04	-0.79	-1.08	-0.69	-6.19	-6.76	-0.01	-9.58
MRBLD1FB164_COS			-17.90	105.09	-253.24	75.34	191.99	79.97	-15.99	-42.79	-32.48	13.49	4.27	-3.20	-16.79	-6.34	7.36	4.76
MRBLD1FB164_SIN			0.00	-371.76	105.77	270.26	74.18	-70.84	10.40	69.69	8.70	0.86	-3.84	-6.80	4.21	6.16	-0.76	3.06

RUN	POINT		Harmonics															
	48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-122.35	61.52	-134.68	21.58	154.07	48.73	-66.27	-38.49	19.90	21.61	-62.77	-25.69	-9.70	1.51	-5.88	-0.94
MRBLD1FB180_SIN			0.00	-264.88	84.20	136.62	44.32	-52.29	1.31	76.88	2.74	-24.30	-7.15	-4.78	-1.36	-10.40	-0.54	-8.61
MRBLD1TOR51_COS			-1430.97	192.42	11.09	-1.63	-25.67	-25.27	-50.59	-17.04	10.58	11.76	-8.95	-5.12	-1.01	4.01	1.09	3.39
MRBLD1TOR51_SIN			0.00	-65.51	81.33	55.80	-12.92	13.02	31.94	49.14	4.60	-1.62	-11.09	-5.60	-1.51	-0.01	-3.37	-5.59
MRBLD1TOR71_COS			-286.70	204.16	-6.04	-1.15	-12.74	-10.05	-33.35	-6.35	13.32	8.50	-12.78	-6.65	-2.62	2.21	1.32	2.15
MRBLD1TOR71_SIN			0.00	-70.09	68.41	25.01	-19.07	11.53	28.86	41.46	7.69	1.19	-9.23	-5.69	-2.28	-0.70	-2.37	-3.97
MRBLD1TOR130_COS			-47.42	194.86	13.80	2.39	1.42	0.38	-18.79	-8.71	1.43	4.14	3.86	-1.08	1.70	-0.16	-1.42	-3.23
MRBLD1TOR130_SIN			0.00	-60.08	57.00	8.62	-10.65	8.83	24.28	34.35	3.80	1.68	6.69	6.27	2.50	1.22	2.11	2.11
MRBLD1TOR164_COS			-248.96	132.49	40.49	-1.82	-17.33	-23.18	-14.68	4.62	8.47	0.08	-3.44	0.81	1.69	-0.61	-2.34	-0.82
MRBLD1TOR164_SIN			0.00	-13.08	23.39	-34.31	-21.16	4.91	13.17	18.21	1.25	-2.21	-0.03	3.26	-0.44	-1.15	2.10	3.30
MRFBM1CB26P5_COS			-2855.38	-743.63	100.10	55.45	-11.52	-4.65	-4.45	-11.10	-6.75	-2.41	10.11	-1.10	2.96	0.89	-1.60	-0.29
MRFBM1CB26P5_SIN			0.00	50.55	52.81	-15.17	-54.92	-14.07	-19.38	-4.33	-3.33	-2.46	11.02	0.92	2.54	1.41	-0.67	-1.10
MRFBM1FB9_COS			468.87	-28.88	10.19	12.46	31.15	28.12	18.23	12.85	4.04	-1.10	-3.41	-0.40	-1.07	-0.48	0.53	-0.36
MRFBM1FB9_SIN			0.00	86.92	-20.61	-152.22	2.58	-0.80	2.84	-2.71	3.60	0.23	-3.09	-2.82	-2.37	-1.69	-0.33	-0.37
MRFBM1TOR26P5_COS			-244.96	89.96	0.34	0.20	-0.20	-0.19	-0.98	0.03	0.21	0.24	-0.19	0.01	-0.06	0.00	0.04	0.05
MRFBM1TOR26P5_SIN			0.00	-139.53	1.39	-0.05	0.40	-0.24	0.38	0.25	0.14	-0.05	-0.32	-0.29	0.02	0.01	-0.06	-0.05

RUN	POINT		Harmonics															
	48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-701.23	-1443.96	239.08	53.96	-77.38	-98.94	-74.79	-65.24	-26.29	13.81	61.12	31.73	29.03	17.45	-8.11	2.35
MRPC1CB33P25_SIN			0.00	373.54	43.80	78.57	-18.16	-24.43	-1.99	40.27	-11.63	-7.05	17.28	45.26	20.50	14.85	6.48	-1.60
MRPC1FB33P25_COS			2001.51	181.73	-232.81	79.54	-180.24	-192.81	-181.74	-184.37	-117.98	-0.32	117.26	31.55	53.18	35.86	-13.02	17.13
MRPC1FB33P25_SIN			0.00	120.25	-8.99	425.73	-53.43	69.95	-2.38	90.78	-44.10	-27.79	71.71	41.53	35.97	29.30	12.82	-4.49
MRPC1TOR25P5_COS			-614.59	-132.83	-64.60	28.64	22.89	21.19	48.83	6.86	-15.27	-13.85	19.72	10.65	5.88	-0.78	-2.57	-3.66
MRPC1TOR25P5_SIN			0.00	-24.04	-125.66	-57.53	26.59	-12.34	-28.16	-49.16	-10.04	1.95	18.51	16.03	4.35	1.81	7.52	7.71
MRPLK1LOAD_COS			-44.18	-16.65	-4.30	-0.08	2.78	3.37	7.90	2.05	-1.98	-2.14	2.60	0.83	0.76	-0.26	-0.41	-0.75
MRPLK1LOAD_SIN			0.00	-13.40	-13.51	-6.99	1.49	-0.61	-4.62	-6.94	-1.14	0.35	2.96	2.69	0.51	0.12	1.15	1.31
PITCHRH_COS			9117.86	-9161.25	-282.01	58.98	-78.08	-967.57	77.51	-81.51	-17.59	-39.30	25.78	24.60	44.78	-30.82	-11.37	-116.24
PITCHRH_SIN			0.00	1305.36	-401.45	46.67	-104.64	-292.73	-9.44	135.18	75.60	-48.66	-111.20	-22.26	9.02	34.39	-24.79	-23.83
ROLLRH_COS			188.45	-1102.21	336.86	-67.37	-41.78	-245.94	9.27	29.58	-111.01	106.86	311.51	1.14	12.48	24.10	-13.68	22.74
ROLLRH_SIN			0.00	-9096.72	-317.20	84.90	-112.47	301.17	-106.02	-50.95	-397.60	-147.16	-71.05	-4.73	4.55	12.36	1.94	124.90
TORQ_COS			65365.66	299.94	18.17	25.63	-33.45	147.26	3.80	28.84	1.37	0.67	-35.09	4.00	1.90	1.44	0.61	1.70
TORQ_SIN			0.00	787.03	-29.89	22.16	-84.99	121.85	10.36	18.63	-13.78	-4.37	-43.13	7.09	-7.61	8.04	-2.02	-4.43
THRUST_COS			5754.73	-81.68	4.36	15.17	8.56	86.92	5.31	21.03	-2.86	-0.11	-42.93	-3.17	0.82	0.15	0.68	-22.12
THRUST_SIN			0.00	-112.63	12.91	1.87	25.19	-50.95	5.86	2.28	-3.22	-0.06	5.15	2.87	0.00	2.31	-7.61	-9.53

RUN	POINT		Harmonics															
	48	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-183.74	44.77	-5.81	-2.40	20.84	-22.97	8.50	-2.30	2.45	-4.81	-15.64	-0.37	-0.56	-0.96	0.38	-0.47
SIDERH_SIN			0.00	235.47	2.58	-0.85	-6.03	-87.19	4.49	0.53	9.47	7.90	4.58	-0.28	-0.61	-0.25	0.00	-3.58
DRAGRH_COS			-166.72	235.10	5.50	-1.69	-2.75	125.64	-0.39	0.11	-5.15	-0.38	3.20	-0.73	-1.82	1.14	0.28	5.96
DRAGRH_SIN			0.00	-38.90	10.85	-2.29	-0.82	17.50	-6.49	1.37	-5.17	6.73	4.99	1.31	2.82	-1.93	0.92	0.12

RUN	POINT		Harmonics															
	48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-1.99	-0.01	0.00	0.00	0.00	0.01	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.03	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.37	-3.98	-3.29	-0.92	-0.48	-0.10	0.19	0.85	-0.17	-0.13	-0.13	-0.04	0.12	0.10	-0.01	0.03
ACT1FORCE_SIN			0.00	8.15	-1.41	-1.09	0.43	-0.26	-0.46	-0.01	0.27	0.28	-0.22	0.01	0.10	0.01	-0.15	-0.07
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			377.04	-343.78	21.10	5.05	0.75	2.07	0.04	0.06	-0.02	-0.05	0.05	-0.01	-0.04	-0.02	0.02	0.01
FA1IBVOLTAGE_SIN			0.00	36.96	5.00	6.33	-0.17	3.83	0.04	0.10	0.01	-0.04	-0.03	0.00	0.01	0.01	0.00	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			428.75	344.49	-21.10	-5.11	-0.82	-2.09	-0.08	-0.05	0.02	0.05	-0.05	0.01	0.03	0.01	-0.01	-0.02
FA1OBVOLTAGE_SIN			0.00	-37.33	-5.40	-6.29	0.19	-3.84	-0.03	-0.08	0.00	0.04	0.02	0.00	-0.01	-0.01	0.01	-0.01
MRBLD1CB42P75_COS			-2163.96	-1407.24	297.40	-0.06	-98.04	-137.84	-112.29	-96.54	20.52	41.47	55.74	24.95	23.81	21.59	1.54	1.55
MRBLD1CB42P75_SIN			0.00	418.43	86.78	120.06	69.08	-59.60	42.99	17.65	1.21	11.90	-4.27	83.82	25.29	15.20	17.06	-6.45

RUN	POINT		Harmonics															
	48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3474.93	-836.42	377.00	-113.72	-61.32	-114.05	-111.58	-64.70	30.65	48.12	21.99	25.42	14.70	16.04	6.63	8.72
MRBLD1CB70_SIN			0.00	377.42	9.29	159.03	281.25	-50.65	120.92	40.87	5.72	10.37	-29.65	58.57	9.12	5.37	15.26	-5.04
MRBLD1CB120_COS			-527.69	-250.72	396.88	-116.18	-48.72	-26.85	-58.16	-31.30	-36.59	-14.16	-4.91	-2.29	-1.93	-4.81	-4.24	3.98
MRBLD1CB120_SIN			0.00	376.87	-101.00	90.58	319.46	-19.55	121.27	16.83	-7.32	-2.09	19.47	-34.39	-7.23	-0.91	0.06	0.21
MRBLD1CB164_COS			-1990.57	-122.42	140.97	-70.20	-71.07	22.40	28.15	13.71	-48.96	-32.76	2.99	-3.93	-1.71	-9.82	-8.12	-12.58
MRBLD1CB164_SIN			0.00	158.91	-54.40	23.93	144.92	16.89	41.55	-11.47	-9.17	-3.58	40.64	-35.75	-1.15	1.57	-4.49	7.39
MRBLD1FB42P75_COS			2784.69	194.19	-249.48	209.41	-270.59	-176.31	-208.46	-270.16	-158.09	-48.07	123.40	41.36	58.64	44.87	21.58	-7.15
MRBLD1FB42P75_SIN			0.00	-35.11	92.93	462.29	43.43	177.06	92.09	108.22	38.80	-10.22	-26.11	21.18	-10.18	-12.04	14.39	-25.49
MRBLD1FB70_COS			534.47	-11.03	-106.57	40.57	-91.14	-50.64	-38.51	-35.50	-6.19	4.90	3.54	1.12	-3.84	-5.73	-3.93	1.71
MRBLD1FB70_SIN			0.00	-197.92	45.69	140.94	7.55	29.05	20.41	20.13	7.38	3.48	0.44	2.83	3.50	3.34	-1.95	6.18
MRBLD1FB87_COS			35.49	8.74	-97.86	6.49	-47.67	-22.74	3.19	25.38	23.18	11.63	-22.83	-8.02	-10.66	-8.08	-3.50	1.98
MRBLD1FB87_SIN			0.00	-226.08	39.63	97.63	8.38	6.30	-8.46	-13.23	-10.05	-2.77	3.14	-9.37	2.19	4.97	-0.57	7.47
MRBLD1FB120_COS			-350.38	-56.55	-183.02	2.24	2.70	25.25	42.14	50.74	12.82	-9.02	-4.54	-0.64	7.00	6.52	4.43	-2.68
MRBLD1FB120_SIN			0.00	-299.12	55.12	161.33	45.31	-8.28	-21.32	-25.39	-8.60	-1.44	-0.70	2.22	-4.76	-7.14	-0.69	-11.78
MRBLD1FB164_COS			-20.22	180.20	-285.85	70.25	213.00	82.76	-24.65	-82.38	-34.50	12.42	7.68	2.17	-13.46	-7.69	2.42	5.84
MRBLD1FB164_SIN			0.00	-385.75	157.36	267.19	48.84	-74.94	7.56	36.97	8.44	1.82	-1.67	-11.31	3.06	7.63	0.53	3.89

RUN	POINT		Harmonics															
	48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-122.38	139.60	-149.23	13.23	163.63	58.57	-71.60	-84.43	18.25	33.86	-47.20	-19.62	-6.80	3.56	1.48	-4.27
MRBLD1FB180_SIN			0.00	-277.89	125.09	139.31	26.51	-57.45	1.75	48.18	1.76	-27.53	-4.83	-11.29	0.81	-9.63	-1.92	-12.20
MRBLD1TOR51_COS			-1430.01	304.25	-2.54	-6.97	-35.55	-29.64	-36.22	-45.11	10.05	13.20	-6.78	-3.96	-0.39	4.63	3.65	4.15
MRBLD1TOR51_SIN			0.00	-56.53	127.57	51.62	-13.22	20.81	29.91	29.50	5.54	-1.86	-8.09	-5.84	-1.69	0.88	-0.48	-5.94
MRBLD1TOR71_COS			-286.25	307.24	-18.27	-7.36	-19.33	-14.95	-18.83	-28.13	12.84	10.01	-11.12	-4.37	-2.18	2.54	2.52	2.75
MRBLD1TOR71_SIN			0.00	-62.51	110.19	21.58	-20.15	17.66	26.95	29.00	8.78	0.30	-5.70	-6.34	-2.49	0.26	-0.83	-3.93
MRBLD1TOR130_COS			-46.80	301.54	3.21	-5.19	-2.33	-5.03	-7.62	-25.96	0.75	1.68	2.50	-1.25	0.43	-0.13	-2.25	-3.36
MRBLD1TOR130_SIN			0.00	-52.63	96.85	7.85	-14.13	12.29	24.04	22.40	4.51	-0.82	6.86	6.52	1.83	1.14	0.85	2.18
MRBLD1TOR164_COS			-247.68	209.96	39.32	-7.76	-22.50	-27.19	-9.73	-2.24	9.43	0.64	-4.16	1.71	1.19	-0.66	-2.88	-0.97
MRBLD1TOR164_SIN			0.00	-5.10	46.32	-33.87	-20.72	7.36	13.28	14.84	2.30	-3.77	0.54	3.24	0.10	-1.30	1.31	2.34
MRFBM1CB26P5_COS			-2875.99	-628.16	89.67	55.68	-10.27	-10.08	-2.92	-11.36	-4.59	-3.86	9.42	-1.45	2.49	1.56	-0.92	-0.08
MRFBM1CB26P5_SIN			0.00	85.26	66.93	-21.72	-56.03	-16.20	-19.02	-8.14	-3.67	-2.11	8.62	0.57	1.90	1.25	0.02	-1.44
MRFBM1FB9_COS			495.88	-120.98	28.95	2.71	38.37	27.68	19.83	14.79	4.70	-0.30	-3.34	0.37	-0.75	-0.52	0.42	-0.80
MRFBM1FB9_SIN			0.00	108.41	-46.64	-149.21	-2.44	-3.85	3.01	5.36	3.71	0.51	-2.31	-2.62	-2.05	-1.60	-1.03	0.09
MRFBM1TOR26P5_COS			-245.52	91.87	0.17	0.44	-0.57	0.28	-0.90	-0.25	0.14	0.37	-0.07	-0.01	-0.01	0.01	0.05	0.03
MRFBM1TOR26P5_SIN			0.00	-138.88	1.63	-0.33	0.37	0.13	0.13	0.21	0.13	0.10	-0.31	-0.29	0.03	0.00	-0.02	-0.05

RUN	POINT		Harmonics															
	48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-717.37	-1270.03	225.03	61.76	-92.29	-104.91	-83.60	-89.96	-10.86	15.37	52.56	17.06	22.76	18.33	-0.78	2.23
MRPC1CB33P25_SIN			0.00	400.20	86.97	67.34	-29.11	-28.25	5.62	-2.20	-13.36	-3.05	10.93	51.78	18.76	12.26	13.17	-7.18
MRPC1FB33P25_COS			2019.97	127.46	-250.32	111.26	-229.24	-192.37	-201.45	-253.81	-135.23	-31.22	104.55	15.57	45.34	37.89	0.55	18.66
MRPC1FB33P25_SIN			0.00	116.55	14.15	417.92	-6.23	92.98	1.73	-25.25	-44.05	-33.49	51.68	45.30	33.05	26.75	29.29	-19.95
MRPC1TOR25P5_COS			-616.71	-251.66	-48.95	37.15	29.47	25.73	30.20	35.28	-13.76	-17.15	14.62	7.43	3.09	-1.10	-5.07	-4.24
MRPC1TOR25P5_SIN			0.00	-31.58	-178.97	-49.38	26.35	-20.38	-24.36	-33.79	-11.46	0.02	14.73	17.18	3.00	0.11	4.66	6.92
MRPLK1LOAD_COS			-44.61	-31.34	-2.69	0.66	4.22	3.30	5.72	6.40	-1.58	-2.80	1.68	0.65	0.17	-0.32	-0.94	-0.76
MRPLK1LOAD_SIN			0.00	-14.46	-20.00	-6.22	1.40	-2.04	-3.79	-4.63	-1.30	-0.30	2.53	2.77	0.24	0.03	0.57	1.20
PITCHRH_COS			10689.31	-9183.22	-351.23	50.12	37.02	-1143.96	62.07	-91.14	9.80	-38.55	-63.80	14.60	25.25	-37.75	13.15	-61.73
PITCHRH_SIN			0.00	1292.97	-296.60	46.66	-75.31	-51.40	57.11	136.10	-7.18	-119.00	-78.19	18.77	-4.01	8.80	-31.96	10.63
ROLLRH_COS			-700.92	-1064.90	216.40	-17.52	2.69	-577.43	-58.09	32.97	-64.71	121.23	314.89	-6.27	-7.68	3.51	-27.39	-33.37
ROLLRH_SIN			0.00	-9125.88	-397.22	94.85	-32.05	139.41	-13.19	-86.85	-504.40	-118.65	-53.49	-9.22	14.90	4.85	-3.84	174.12
TORQ_COS			65073.30	315.22	25.83	23.33	-3.78	162.53	1.48	21.98	-16.07	0.86	-31.25	3.81	0.60	-0.39	0.85	1.53
TORQ_SIN			0.00	787.42	-20.57	29.55	-38.53	135.72	15.76	25.96	-7.70	-7.89	-35.56	8.91	-5.64	7.62	-1.63	-5.20
THRUST_COS			5832.68	-85.94	3.62	13.78	4.37	80.83	5.84	18.53	0.56	-1.02	-38.88	3.31	-3.01	1.60	2.68	-17.14
THRUST_SIN			0.00	-119.56	14.41	0.69	19.96	-56.52	5.41	10.36	-2.49	2.58	9.31	-3.85	1.37	0.43	-6.40	-4.59

RUN	POINT		Harmonics															
	48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-190.31	44.54	-0.45	-2.89	-1.81	-1.54	8.60	-2.35	1.99	-5.16	-16.52	-0.84	0.49	-0.36	0.86	0.72
SIDERH_SIN			0.00	236.88	3.94	0.38	-11.76	-101.08	-0.23	1.29	12.16	6.28	2.95	0.04	-0.69	0.02	0.31	-5.11
DRAGRH_COS			-153.29	234.68	2.68	-3.23	-1.35	91.55	-10.41	-0.33	-1.49	-0.07	9.04	1.14	-1.63	1.58	-0.56	2.92
DRAGRH_SIN			0.00	-39.80	12.36	-2.86	6.96	21.83	-9.03	-0.51	-2.82	8.82	4.76	2.54	0.70	-1.09	1.72	0.24

RUN	POINT		Harmonics															
	48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-2.98	-0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.04	0.00	0.00	0.00	0.00	-0.02	-0.01	0.02	0.01	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.42	-4.98	-3.30	0.20	-0.39	-0.21	0.10	0.89	-0.26	-0.21	0.00	-0.03	0.11	-0.04	-0.10	-0.01
ACT1FORCE_SIN			0.00	6.87	-2.42	-1.50	1.10	-0.37	-0.24	0.07	0.33	0.19	-0.25	0.14	0.19	0.15	-0.13	0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			375.62	-445.80	18.48	-4.44	-0.30	1.58	0.00	0.03	-0.06	-0.02	0.06	-0.01	-0.05	-0.02	0.02	0.01
FA1IBVOLTAGE_SIN			0.00	94.76	12.94	3.49	-3.63	5.28	-0.05	0.14	-0.03	-0.04	0.00	0.04	0.02	0.01	0.01	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			430.37	446.89	-18.32	4.40	0.25	-1.58	-0.09	-0.03	0.05	0.01	-0.06	0.00	0.04	0.02	-0.02	-0.02
FA1OBVOLTAGE_SIN			0.00	-95.31	-14.03	-3.53	3.51	-5.32	0.03	-0.13	0.04	0.04	0.00	-0.04	-0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS			-2122.45	-1418.91	271.48	12.57	-80.70	-120.35	-115.41	-72.42	23.11	31.36	58.92	46.28	34.78	22.43	1.33	3.34
MRBLD1CB42P75_SIN			0.00	31.89	110.50	114.67	92.87	-59.61	31.53	-6.02	7.63	12.30	-35.45	70.66	25.75	18.34	13.68	-1.57

RUN	POINT		Harmonics															
	48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			3506.80	-824.48	342.24	-94.86	-25.07	-92.63	-105.78	-44.93	31.82	39.20	19.98	38.17	22.12	15.69	7.94	10.18
MRBLD1CB70_SIN			0.00	132.14	7.83	168.70	310.74	-46.40	105.40	17.70	9.93	11.51	-51.94	47.03	8.17	4.85	8.41	-0.04
MRBLD1CB120_COS			-514.77	-218.27	353.94	-95.62	-14.04	-21.23	-49.21	-18.67	-33.44	-4.99	-4.89	-12.66	-6.76	-5.31	-3.01	3.40
MRBLD1CB120_SIN			0.00	275.23	-110.72	107.04	334.66	-14.64	112.62	2.64	-6.89	-1.57	36.76	-28.16	-6.55	-2.05	-0.87	-0.18
MRBLD1CB164_COS			-1984.20	-128.36	125.24	-51.84	-55.25	22.99	31.80	11.66	-45.01	-19.96	4.23	-12.71	-6.40	-8.38	-8.73	-11.24
MRBLD1CB164_SIN			0.00	127.76	-62.06	31.04	148.65	17.37	41.46	-8.37	-12.86	-4.11	57.47	-29.02	-0.75	3.23	0.28	3.84
MRBLD1FB42P75_COS			2766.04	222.09	-231.65	292.42	-254.60	-180.56	-207.73	-234.12	-141.43	-43.64	126.85	49.76	63.31	42.34	10.68	-1.52
MRBLD1FB42P75_SIN			0.00	47.11	145.35	443.38	19.65	158.96	83.06	37.52	37.33	-20.59	-44.75	5.90	-16.80	-12.00	10.66	-22.54
MRBLD1FB70_COS			532.37	-12.96	-99.84	68.91	-85.43	-51.90	-39.96	-30.10	-5.09	4.92	2.82	1.09	-3.69	-5.14	-1.81	0.44
MRBLD1FB70_SIN			0.00	-200.37	65.86	136.16	3.33	25.19	18.32	7.40	7.29	2.79	-0.17	2.88	4.05	3.50	-1.10	5.60
MRBLD1FB87_COS			32.79	-0.43	-93.26	23.93	-46.05	-22.70	2.41	21.56	20.43	10.81	-23.09	-10.42	-12.22	-7.22	-0.53	1.23
MRBLD1FB87_SIN			0.00	-224.61	51.41	96.69	7.95	6.63	-6.27	-6.28	-9.19	-0.61	8.24	-4.75	3.94	4.39	0.04	6.93
MRBLD1FB120_COS			-347.67	-82.66	-165.43	24.17	5.58	28.41	45.27	43.57	10.36	-9.51	-4.86	-0.75	6.90	5.26	-0.32	-2.59
MRBLD1FB120_SIN			0.00	-296.23	61.68	160.54	46.30	-7.10	-20.51	-7.99	-9.59	-2.04	-1.67	0.06	-6.45	-6.67	-1.68	-10.99
MRBLD1FB164_COS			-37.16	246.53	-280.90	75.66	204.36	74.14	-26.90	-68.07	-28.36	12.89	7.69	0.18	-14.70	-5.77	5.39	4.99
MRBLD1FB164_SIN			0.00	-379.98	208.05	264.68	52.84	-59.38	4.86	15.14	9.49	0.01	1.28	-7.42	4.49	6.53	0.81	4.10

RUN	POINT		Harmonics															
	48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-134.71	209.95	-143.04	11.11	151.96	55.39	-72.33	-72.45	21.26	33.34	-49.97	-26.41	-12.14	-1.04	-4.95	-3.99
MRBLD1FB180_SIN			0.00	-276.91	163.97	141.91	26.76	-47.30	3.14	27.04	0.94	-24.68	6.90	-3.53	1.47	-11.19	-3.73	-11.55
MRBLD1TOR51_COS			-1429.07	407.80	-15.58	-8.83	-31.50	-27.10	-39.95	-36.02	10.63	12.56	-7.62	-4.39	-0.64	3.87	1.94	4.24
MRBLD1TOR51_SIN			0.00	-51.04	173.69	50.21	-18.75	13.69	28.21	12.88	5.16	-1.65	-8.48	-5.47	-1.44	-0.02	-2.15	-6.00
MRBLD1TOR71_COS			-285.01	405.74	-29.07	-11.95	-17.17	-12.76	-22.28	-22.25	13.22	9.80	-11.71	-6.05	-2.77	2.06	1.41	2.58
MRBLD1TOR71_SIN			0.00	-52.58	152.37	20.12	-25.51	11.53	25.37	16.04	7.75	0.96	-4.98	-5.49	-2.14	-0.21	-2.06	-4.19
MRBLD1TOR130_COS			-46.11	404.20	-6.87	-13.48	-2.23	-3.46	-10.66	-20.09	1.63	2.63	4.37	-0.75	1.07	0.24	-1.40	-3.47
MRBLD1TOR130_SIN			0.00	-43.40	137.28	6.25	-18.90	7.94	21.40	11.37	4.22	-0.33	5.95	6.41	2.41	2.00	1.27	2.34
MRBLD1TOR164_COS			-242.96	283.71	32.91	-17.75	-20.86	-23.92	-11.45	-0.35	9.03	1.03	-4.05	0.15	0.74	-0.68	-2.35	-1.31
MRBLD1TOR164_SIN			0.00	0.78	68.44	-34.43	-24.59	3.64	11.66	9.81	1.92	-2.93	1.21	3.02	-0.38	-1.24	0.80	2.42
MRFBM1CB26P5_COS			-2838.73	-616.25	84.86	49.68	-15.81	-9.29	-5.13	-10.29	-4.06	-3.66	11.05	-0.34	2.61	1.61	-1.42	-0.21
MRFBM1CB26P5_SIN			0.00	-88.97	78.36	-30.39	-53.84	-16.58	-18.43	-8.62	-2.78	-2.58	7.78	0.78	2.16	1.60	0.26	-1.66
MRFBM1FB9_COS			465.44	-70.73	27.50	-19.53	35.58	27.48	19.48	10.69	4.28	-0.46	-3.92	-0.52	-1.17	-0.50	0.34	-0.64
MRFBM1FB9_SIN			0.00	197.12	-83.44	-151.60	-1.59	-2.32	3.44	7.05	3.25	0.76	-1.46	-2.62	-2.22	-1.46	-0.65	-0.23
MRFBM1TOR26P5_COS			-245.83	93.45	-0.08	0.51	-0.34	0.07	-0.85	-0.26	0.16	0.29	-0.17	0.04	-0.01	-0.01	0.03	0.06
MRFBM1TOR26P5_SIN			0.00	-137.18	1.79	-0.39	0.44	-0.03	0.34	0.09	0.12	0.06	-0.32	-0.29	0.02	-0.02	-0.01	-0.05

RUN	POINT		Harmonics															
	48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-689.63	-1301.07	207.64	69.02	-88.27	-96.23	-87.11	-70.72	-6.94	11.28	56.32	30.81	29.84	18.86	-1.15	3.53
MRPC1CB33P25_SIN			0.00	52.53	115.98	58.80	-19.26	-31.59	0.19	-20.39	-7.76	-3.35	-8.03	43.13	18.97	14.24	10.15	-3.87
MRPC1FB33P25_COS			2005.12	143.42	-245.74	184.36	-209.78	-190.71	-197.94	-197.28	-121.44	-22.88	117.40	31.53	53.73	36.14	-2.65	20.17
MRPC1FB33P25_SIN			0.00	190.36	57.28	415.07	-22.75	77.46	-4.89	-67.06	-37.54	-38.88	39.12	38.78	31.34	24.72	17.01	-13.34
MRPC1TOR25P5_COS			-612.82	-360.25	-39.77	42.90	27.03	25.07	34.16	29.09	-13.55	-16.22	17.31	9.17	4.64	-0.38	-2.46	-4.45
MRPC1TOR25P5_SIN			0.00	-34.78	-227.18	-49.37	32.54	-12.50	-23.66	-17.41	-9.21	0.70	13.35	15.46	3.76	2.10	5.00	7.69
MRPLK1LOAD_COS			-44.78	-45.15	-1.01	1.05	3.67	3.28	6.17	5.46	-1.63	-2.47	2.25	0.62	0.31	-0.16	-0.46	-0.92
MRPLK1LOAD_SIN			0.00	-15.61	-26.10	-5.91	2.23	-0.88	-4.02	-2.25	-1.10	-0.05	2.46	2.59	0.39	0.37	0.56	1.32
PITCHRH_COS			9981.26	-9143.38	-392.78	34.86	-34.25	-1138.49	17.06	-52.08	59.36	-79.15	9.22	13.32	22.44	-20.17	11.49	-76.24
PITCHRH_SIN			0.00	1290.11	-249.10	38.80	-68.67	-112.75	79.87	130.91	-87.40	-119.65	-136.87	1.76	23.16	9.62	-34.68	-14.69
ROLLRH_COS			-2927.34	-1068.97	155.79	11.93	-26.68	-372.96	-115.16	-0.17	-43.62	89.78	288.61	2.49	-14.42	16.21	-24.27	33.38
ROLLRH_SIN			0.00	-9028.89	-385.15	131.37	21.75	291.99	-47.51	-81.58	-375.11	-103.81	-58.39	-8.90	14.20	32.49	4.63	142.71
TORQ_COS			65622.64	302.55	32.69	23.30	-24.62	136.07	1.30	26.34	-17.13	0.29	-36.98	3.18	3.18	-1.15	1.81	1.59
TORQ_SIN			0.00	778.74	-22.16	26.14	-44.54	139.70	12.25	24.78	-7.96	-8.69	-32.15	7.09	-7.13	6.40	-2.89	-3.85
THRUST_COS			5745.13	-88.01	1.11	12.95	7.86	82.14	4.54	20.86	-1.00	0.35	-41.12	1.03	-2.72	0.00	2.01	-16.76
THRUST_SIN			0.00	-121.20	15.45	-5.90	20.83	-49.04	6.39	9.45	-2.21	5.49	9.33	-3.81	0.98	2.47	-8.44	-5.90

RUN	POINT		Harmonics															
	48	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-198.42	43.36	1.12	-2.58	-5.76	-11.59	9.81	-1.96	0.87	-3.43	-14.76	-0.90	0.59	-0.63	0.75	-1.10
SIDERH_SIN			0.00	233.73	0.51	1.57	-29.73	-86.97	4.66	0.77	9.09	5.65	3.34	0.21	-0.95	-0.80	-0.10	-4.19
DRAGRH_COS			-156.22	234.07	1.54	-3.52	-1.51	122.98	-1.01	-1.97	-0.96	0.94	4.21	0.91	-2.11	0.81	-0.35	3.56
DRAGRH_SIN			0.00	-39.81	11.80	-2.72	8.87	-4.13	-10.87	0.94	-0.32	8.71	6.77	1.80	0.70	-0.81	1.62	1.04

RUN	POINT		Harmonics															
	48	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.35	-0.13	-0.03	-0.11	-0.05	-0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	0.03	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.32	-3.63	-0.85	-3.64	-1.74	-0.40	0.11	0.70	0.08	0.04	0.21	0.26	0.21	0.10	0.09	-0.05
ACT1FORCE_SIN			0.00	14.39	0.51	1.07	-0.52	-0.73	-0.66	-0.24	-0.04	0.13	-0.17	0.15	0.11	0.00	0.06	0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.13	-0.03	0.01	0.07	0.06	0.03	0.00	0.01	-0.01	0.01	-0.02	-0.01	-0.01	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.03	0.00	0.03	0.02	0.02	0.02	0.01	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.11	0.01	0.01	-0.05	-0.05	-0.04	0.01	-0.02	0.02	-0.02	0.02	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.02	0.10	0.05	0.02	-0.01	-0.03	-0.01	-0.02	-0.03	-0.01	-0.02	0.00	0.00	0.01
MRBLD1CB42P75_COS			-3680.15	-1653.35	-9.17	213.16	4.88	-64.99	-61.37	-150.24	38.78	46.87	8.80	9.48	-4.10	-5.12	-31.15	-0.10
MRBLD1CB42P75_SIN			0.00	-137.57	-39.01	80.09	159.00	10.27	10.94	-7.95	-61.00	-9.44	-106.60	59.63	19.21	10.59	34.79	-26.32

RUN	POINT		Harmonics															
	48	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2665.65	-1026.00	264.35	107.15	48.31	-33.37	-57.63	-101.04	25.85	45.77	-1.91	12.96	0.25	-1.56	-20.22	-1.70
MRBLD1CB70_SIN			0.00	-72.25	-56.47	108.00	302.59	60.76	47.55	19.00	-39.27	-4.83	-77.04	34.45	11.07	4.31	24.21	-28.03
MRBLD1CB120_COS			-626.89	-415.70	395.68	107.91	53.05	14.10	-26.93	-25.15	-36.79	-12.39	22.96	2.34	6.40	6.76	-2.02	1.85
MRBLD1CB120_SIN			0.00	63.81	-133.02	29.94	275.65	86.65	62.04	23.63	-3.62	-8.29	65.54	-21.05	-0.06	0.55	-4.47	-7.55
MRBLD1CB164_COS			-1969.51	-131.08	128.90	15.18	-18.11	13.38	16.48	41.26	-35.85	-22.63	18.10	0.49	6.44	4.56	13.96	-3.73
MRBLD1CB164_SIN			0.00	73.76	-48.00	23.67	106.40	41.35	20.30	5.56	1.52	-19.31	65.78	-13.17	2.06	-1.13	-12.87	19.52
MRBLD1FB42P75_COS			3056.42	278.64	-420.82	491.95	-120.68	-75.17	-118.08	-311.76	-106.88	-35.07	60.93	61.34	37.48	26.30	13.86	-59.00
MRBLD1FB42P75_SIN			0.00	6.65	-9.47	195.47	46.15	87.99	24.95	60.60	-95.65	-78.73	-97.45	35.12	13.50	17.03	94.18	-38.08
MRBLD1FB70_COS			421.16	0.10	-200.03	136.41	-45.28	-16.00	-17.32	-48.21	-4.56	2.38	-1.65	-0.79	-3.72	-5.80	-1.85	13.70
MRBLD1FB70_SIN			0.00	-203.50	18.78	59.55	3.57	11.94	10.17	19.52	-7.89	1.02	1.85	3.21	2.97	-1.55	-20.63	7.39
MRBLD1FB87_COS			-60.14	27.06	-165.19	36.06	-49.85	-20.86	-2.19	29.24	16.46	9.29	-6.07	-12.02	-5.24	-4.59	-6.02	8.30
MRBLD1FB87_SIN			0.00	-197.39	43.97	71.70	4.48	0.59	-2.02	-6.80	9.41	10.78	23.48	-9.10	-1.95	-1.09	-18.13	7.82
MRBLD1FB120_COS			-457.17	23.84	-243.50	-0.95	-22.67	2.28	22.59	70.23	7.26	-7.74	-6.35	2.89	5.33	6.42	5.99	-13.40
MRBLD1FB120_SIN			0.00	-232.62	83.33	142.66	29.49	-9.01	-23.75	-30.86	12.76	-1.25	-10.17	1.44	-4.41	-1.81	26.11	-12.08
MRBLD1FB164_COS			-196.49	76.40	-347.93	72.94	147.37	60.68	-2.16	-98.51	-13.82	8.67	2.94	-2.77	-2.64	-1.69	-0.81	5.75
MRBLD1FB164_SIN			0.00	-346.17	86.91	160.01	61.76	-6.79	22.87	34.05	-22.00	0.20	19.13	-5.58	-1.36	1.43	-10.42	7.76

RUN	POINT		Harmonics															
	48	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-251.48	23.02	-191.81	37.74	115.92	51.10	-26.87	-97.65	7.77	14.53	-19.72	-18.34	9.56	12.31	2.57	-20.27
MRBLD1FB180_SIN			0.00	-256.50	57.05	70.19	32.14	-4.61	25.72	38.88	-24.39	-8.71	43.08	-13.83	-7.98	-8.84	27.09	-14.95
MRBLD1TOR51_COS			-1460.09	85.88	-2.42	90.67	-10.72	-31.37	-5.48	-37.27	3.93	5.21	-6.63	0.25	4.19	3.05	-3.57	1.89
MRBLD1TOR51_SIN			0.00	-150.70	6.55	42.04	24.02	11.84	4.27	36.17	-5.53	-8.23	-2.99	-5.21	0.14	0.95	5.58	-8.85
MRBLD1TOR71_COS			-311.25	102.91	-10.40	69.58	-1.87	-20.86	1.99	-20.82	3.35	2.01	-8.33	-1.02	3.45	4.13	-2.31	0.41
MRBLD1TOR71_SIN			0.00	-145.46	1.82	20.62	12.53	9.73	7.35	38.61	3.13	-3.31	2.29	-5.78	-1.10	0.07	2.14	-4.83
MRBLD1TOR130_COS			-86.20	91.90	11.62	49.28	13.19	-15.44	1.14	-19.86	2.35	1.83	4.04	-1.32	0.08	-0.04	-2.57	-3.38
MRBLD1TOR130_SIN			0.00	-134.07	-2.17	6.05	16.66	12.78	8.80	28.19	-0.23	-1.70	3.48	8.99	3.52	0.59	-2.77	4.15
MRBLD1TOR164_COS			-256.88	50.74	63.49	17.06	-3.12	-17.07	-6.26	-3.54	5.07	3.16	-0.72	-0.38	1.95	2.63	-4.25	-3.65
MRBLD1TOR164_SIN			0.00	-73.76	-6.80	-23.14	-1.37	10.02	8.28	17.94	2.76	-0.99	5.51	4.86	3.13	0.98	0.28	-0.93
MRFBM1CB26P5_COS			-4492.86	-711.30	-42.08	83.90	-0.20	-10.97	-1.98	-16.20	1.35	-0.31	5.05	-0.16	-0.06	-0.06	-4.88	0.03
MRFBM1CB26P5_SIN			0.00	-141.74	0.47	-14.62	-20.23	-15.84	-11.73	-7.33	-8.64	-2.56	-3.25	3.34	1.81	2.09	3.34	-2.65
MRFBM1FB9_COS			315.18	43.27	166.77	-89.76	19.42	13.91	8.72	14.92	-1.56	-2.47	-4.36	0.38	0.34	0.74	2.68	-1.48
MRFBM1FB9_SIN			0.00	-42.52	30.89	-99.32	-8.89	-3.93	5.03	9.12	6.49	1.95	1.49	-2.57	-1.40	-0.59	-0.70	1.89
MRFBM1TOR26P5_COS			-353.04	80.82	-0.77	0.57	-0.43	-0.11	-0.02	-0.19	0.15	0.04	-0.09	0.08	0.03	-0.03	0.17	0.09
MRFBM1TOR26P5_SIN			0.00	-99.62	0.23	0.07	0.38	-0.14	0.34	0.14	0.17	0.03	-0.02	-0.16	0.00	0.07	0.06	0.00

RUN	POINT		Harmonics															
	48	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1541.84	-1502.20	-79.54	247.23	-16.82	-57.50	-45.66	-129.50	16.39	26.03	18.75	8.78	0.99	-1.30	-28.92	0.32
MRPC1CB33P25_SIN			0.00	-89.36	-20.51	28.86	64.91	-3.32	-3.74	-16.68	-59.92	-19.33	-64.71	44.52	16.61	12.05	31.72	-26.94
MRPC1FB33P25_COS			2320.82	199.54	-365.68	368.48	-112.52	-87.43	-102.50	-268.21	-35.75	17.63	100.67	22.74	16.59	2.32	-76.36	-1.43
MRPC1FB33P25_SIN			0.00	179.59	-77.90	254.71	20.50	53.94	-23.10	-78.80	-123.81	-76.55	-40.12	64.82	36.32	32.80	70.00	-74.76
MRPC1TOR25P5_COS			-689.60	-68.13	-42.17	-92.76	7.70	21.39	-3.88	26.16	-5.23	-1.63	12.87	0.83	-5.49	-2.36	-11.22	-7.84
MRPC1TOR25P5_SIN			0.00	225.98	-49.74	-12.71	-17.48	-3.72	-3.67	-44.70	-1.92	7.06	-1.65	16.51	2.78	2.05	-2.09	1.56
MRPLK1LOAD_COS			-73.88	-1.95	-2.26	-11.28	1.33	3.59	0.00	5.05	-0.42	-0.48	1.94	-0.68	-0.73	-0.24	-1.89	-1.50
MRPLK1LOAD_SIN			0.00	-1.41	-3.18	-4.07	-2.87	-0.69	-0.87	-5.50	0.05	0.55	0.36	2.15	0.09	-0.02	-1.50	0.60
PITCHRH_COS			8927.44	-8803.26	-453.85	-26.92	-66.25	-622.15	-24.06	6.04	226.75	-55.78	56.40	-61.55	37.65	-4.29	5.30	-346.46
PITCHRH_SIN			0.00	2001.55	-674.88	78.26	44.44	126.95	206.40	153.39	-20.94	-57.84	-154.69	0.15	25.01	71.11	15.33	295.58
ROLLRH_COS			1873.94	-1563.71	654.89	-31.14	-113.98	-421.80	-141.72	-15.84	150.00	38.45	288.23	-40.04	-33.05	52.33	-25.33	-657.45
ROLLRH_SIN			0.00	-8727.28	-611.32	-8.29	141.03	261.73	-132.67	-4.73	24.51	-22.79	-31.06	-42.39	35.20	16.86	-53.67	-336.07
TORQ_COS			31750.35	390.00	0.70	15.19	-129.57	72.35	2.08	27.96	-21.30	-2.98	5.62	4.90	1.65	-2.67	-3.05	-8.65
TORQ_SIN			0.00	621.73	-22.53	15.96	-120.68	73.29	-1.18	16.81	3.51	-5.89	4.90	1.96	-7.77	3.00	-6.57	-13.56
THRUST_COS			5702.84	-52.17	11.03	8.98	19.18	35.95	3.43	21.08	-3.67	-3.32	-25.55	3.46	1.49	-0.75	3.22	15.47
THRUST_SIN			0.00	-112.22	3.22	4.06	37.87	-37.03	2.05	1.27	0.10	2.23	23.28	-5.45	-0.58	-2.85	-6.57	46.08

RUN	POINT		Harmonics															
	48	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-154.85	-0.83	-13.91	-1.94	-33.08	24.20	10.21	-2.50	-3.63	-2.06	-12.60	2.07	1.08	-1.59	0.08	19.04
SIDERH_SIN			0.00	234.94	12.22	2.62	-68.09	-59.03	9.03	-0.12	-0.40	1.56	1.23	3.06	-1.06	-0.33	1.26	9.75
DRAGRH_COS			-184.43	240.18	11.93	-0.75	-13.94	52.02	-13.27	-1.27	-1.89	3.19	3.63	5.69	-2.66	-0.52	-1.31	16.05
DRAGRH_SIN			0.00	-57.37	15.33	-1.12	11.14	2.13	-30.72	6.05	5.80	1.07	9.92	-2.78	-0.33	-2.25	-2.26	-13.41

RUN	POINT		Harmonics															
	48	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.13	-0.09	-0.07	-0.10	-0.06	-0.02	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN			0.00	0.41	0.04	0.00	-0.06	-0.03	-0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.83	-1.91	-2.02	-3.45	-2.02	-0.22	0.39	0.73	0.24	-0.03	0.26	0.28	0.11	0.03	0.02	-0.16
ACT1FORCE_SIN			0.00	14.50	0.85	0.87	-0.80	-0.49	-0.79	-0.09	0.10	0.17	0.09	0.17	0.08	-0.01	-0.07	0.06
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.12	-0.03	0.01	0.08	0.05	0.04	-0.01	-0.01	-0.01	0.00	-0.02	-0.01	-0.01	0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.03	-0.06	-0.08	-0.06	-0.03	0.01	0.03	0.02	0.01	0.02	0.01	0.01	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.10	0.01	0.01	-0.07	-0.04	-0.05	0.02	0.00	0.02	0.00	0.02	0.00	0.01	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.02	0.05	0.08	0.06	0.02	-0.02	-0.03	-0.02	-0.01	-0.03	-0.01	-0.02	0.00	0.01	0.03
MRBLD1CB42P75_COS			-3595.05	-1275.95	191.21	156.25	2.45	-98.59	-73.61	-109.89	37.17	52.56	2.83	-43.75	-26.48	-18.66	-40.53	1.02
MRBLD1CB42P75_SIN			0.00	1084.53	-21.25	68.66	163.43	-32.79	23.74	3.35	-49.63	1.60	-97.65	59.10	9.58	9.89	27.01	-0.50

RUN	POINT		Harmonics															
	48	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2709.17	-753.14	462.53	52.98	43.85	-61.75	-83.35	-80.74	30.69	56.40	3.03	-24.72	-12.45	-7.26	-26.27	7.88
MRBLD1CB70_SIN			0.00	710.62	-56.78	93.56	354.53	14.60	72.50	28.63	-24.33	4.53	-86.10	36.09	3.80	4.44	17.23	-1.74
MRBLD1CB120_COS			-556.55	-252.43	580.24	71.12	35.09	13.95	-42.77	-30.35	-27.91	-11.76	26.14	28.34	14.79	11.39	4.01	1.02
MRBLD1CB120_SIN			0.00	382.59	-160.47	-8.92	325.06	58.39	90.45	24.20	3.06	-6.94	69.02	-20.21	2.92	0.30	-8.91	-9.07
MRBLD1CB164_COS			-1975.92	-87.42	197.47	-6.80	-36.83	26.03	15.95	29.37	-31.32	-29.48	7.38	23.63	14.67	10.60	17.55	-7.01
MRBLD1CB164_SIN			0.00	162.79	-55.79	2.51	125.68	40.74	24.76	-5.58	-5.79	-25.89	78.27	-5.22	11.81	0.17	-8.86	3.90
MRBLD1FB42P75_COS			3258.81	88.61	-411.18	383.97	-211.36	-100.87	-104.55	-273.90	-106.25	-37.09	68.91	32.22	16.25	11.55	-14.52	-34.59
MRBLD1FB42P75_SIN			0.00	-272.68	-23.74	231.56	-28.26	83.29	18.22	41.35	-101.88	-72.05	-49.80	48.35	17.94	19.53	77.67	-12.92
MRBLD1FB70_COS			474.38	-19.64	-197.36	91.64	-71.52	-27.08	-13.91	-37.98	-2.50	3.56	-1.35	-0.27	-2.11	-3.13	4.79	9.44
MRBLD1FB70_SIN			0.00	-208.26	9.41	66.89	-17.21	9.57	11.57	17.86	-6.34	3.10	3.23	4.39	2.29	-2.53	-17.65	2.54
MRBLD1FB87_COS			-50.55	9.76	-176.34	9.88	-61.10	-24.70	-1.55	27.73	17.13	9.67	-7.48	-3.49	0.51	-1.75	-1.21	2.14
MRBLD1FB87_SIN			0.00	-210.47	40.89	80.16	-2.29	5.12	0.35	-3.45	10.41	9.36	14.67	-11.85	-2.96	-1.98	-15.31	1.69
MRBLD1FB120_COS			-477.73	-5.53	-274.91	-26.29	-19.66	8.31	17.39	52.06	3.71	-9.77	-7.57	-2.98	0.99	3.60	-1.26	-5.15
MRBLD1FB120_SIN			0.00	-252.19	86.12	155.79	34.90	-6.80	-27.65	-27.54	9.48	-5.63	-12.75	-0.10	-3.79	1.09	23.02	-3.21
MRBLD1FB164_COS			-78.73	13.54	-381.31	45.29	170.63	76.65	4.40	-78.85	-13.56	5.86	-0.22	1.35	1.13	-0.26	1.62	1.33
MRBLD1FB164_SIN			0.00	-362.48	71.82	191.07	98.57	-14.44	24.76	30.71	-21.40	5.90	20.63	-3.14	-0.54	0.54	-10.46	-0.23

RUN	POINT		Harmonics															
	48	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-146.31	-29.22	-207.27	25.87	140.25	53.85	-23.28	-75.63	8.77	3.62	-32.98	-0.94	22.90	14.45	-7.70	-9.58
MRBLD1FB180_SIN			0.00	-264.68	48.81	83.17	58.86	-11.23	23.21	33.42	-25.88	-9.80	32.76	-10.72	-7.80	-12.04	21.59	-0.62
MRBLD1TOR51_COS			-1416.08	90.06	22.69	81.57	-12.17	-29.18	-8.04	-17.25	10.45	4.92	-7.28	1.69	5.98	3.20	-4.12	0.97
MRBLD1TOR51_SIN			0.00	-124.89	8.70	38.92	27.04	7.88	9.40	34.19	-7.21	-9.33	-5.07	-2.45	3.20	0.56	1.56	-4.90
MRBLD1TOR71_COS			-279.23	102.42	5.45	65.33	-1.69	-17.49	0.22	-4.77	8.71	1.37	-8.17	2.69	6.00	5.30	-3.20	-0.47
MRBLD1TOR71_SIN			0.00	-138.27	4.80	18.22	16.30	7.95	11.93	37.18	2.09	-4.50	0.00	-3.70	1.60	0.25	0.67	-1.99
MRBLD1TOR130_COS			-53.09	91.67	24.22	49.48	16.24	-12.31	0.62	-7.50	5.70	1.29	2.58	-1.89	-0.40	0.54	-3.78	-2.43
MRBLD1TOR130_SIN			0.00	-119.49	1.50	6.97	23.80	11.36	14.00	28.86	0.18	-1.25	6.59	7.36	2.44	0.61	-0.48	4.39
MRBLD1TOR164_COS			-255.39	60.49	70.63	23.34	-4.25	-22.17	-7.18	1.04	6.56	2.76	-0.62	0.56	2.54	4.33	-4.55	-3.65
MRBLD1TOR164_SIN			0.00	-56.48	-2.75	-25.05	-2.13	7.91	12.37	18.98	2.96	-1.65	4.86	3.98	2.49	0.72	-0.84	-1.35
MRFBM1CB26P5_COS			-4462.53	-579.50	20.82	90.91	3.48	-10.17	0.80	-10.20	-0.29	-2.41	1.95	-1.43	-0.88	-1.48	-4.70	-2.90
MRFBM1CB26P5_SIN			0.00	426.82	14.97	-17.91	-29.75	-22.11	-14.13	-8.69	-9.73	-3.30	1.97	1.78	0.88	1.74	1.41	-2.55
MRFBM1FB9_COS			778.74	-383.74	141.29	-57.64	27.88	16.19	8.81	12.74	-1.58	-2.39	-3.32	2.08	0.88	1.08	2.61	-0.55
MRFBM1FB9_SIN			0.00	-259.52	44.98	-101.72	3.89	-1.31	4.27	7.92	5.86	1.55	0.72	-1.69	-0.61	-0.17	0.14	0.58
MRFBM1TOR26P5_COS			-311.88	80.79	-0.41	0.49	0.05	-0.15	-0.05	-0.03	0.14	0.09	-0.15	0.04	0.03	-0.02	0.25	0.12
MRFBM1TOR26P5_SIN			0.00	-104.98	0.02	-0.28	0.65	-0.02	0.25	0.24	0.06	0.09	-0.19	-0.03	0.03	0.02	0.01	-0.06

RUN	POINT		Harmonics															
	48	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1426.50	-1129.38	94.28	196.20	-16.31	-79.47	-47.96	-95.68	12.85	27.51	10.44	-23.98	-15.03	-12.35	-35.53	-2.78
MRPC1CB33P25_SIN			0.00	994.68	1.62	18.45	43.81	-31.29	-1.65	-13.85	-56.85	-13.54	-48.97	43.43	9.42	10.89	21.70	-5.35
MRPC1FB33P25_COS			2455.87	52.11	-343.12	277.16	-171.33	-105.53	-90.33	-232.74	-32.32	11.40	78.86	-8.29	-0.89	-7.87	-79.61	-9.40
MRPC1FB33P25_SIN			0.00	-99.26	-93.13	264.20	-59.81	40.79	-24.40	-78.95	-129.51	-72.88	-1.18	53.91	23.20	23.24	35.97	-37.79
MRPC1TOR25P5_COS			-724.18	-71.73	-55.47	-75.25	10.11	20.41	1.19	5.25	-11.04	-2.09	14.15	-3.97	-9.61	-2.61	-14.25	-7.23
MRPC1TOR25P5_SIN			0.00	129.75	-70.35	-21.15	-28.24	-3.50	-12.31	-44.20	-1.27	6.22	3.81	9.20	-4.70	2.02	0.32	2.55
MRPLK1LOAD_COS			-68.89	-1.30	-5.56	-10.75	1.25	3.26	0.39	2.00	-1.40	-0.48	2.17	-0.86	-1.14	-0.13	-2.86	-1.47
MRPLK1LOAD_SIN			0.00	-2.61	-3.45	-3.64	-3.28	-0.41	-1.64	-5.17	0.29	0.49	1.17	0.93	-0.82	0.12	-0.49	0.85
PITCHRH_COS			15646.83	-8811.95	-475.54	-80.54	-93.73	-726.01	-79.14	-16.31	247.71	-81.16	-44.20	-6.13	1.07	-10.08	-2.00	-370.12
PITCHRH_SIN			0.00	1787.90	-596.68	103.54	-22.28	-99.35	160.39	62.17	54.88	-98.35	-181.63	3.84	20.25	77.00	15.81	234.11
ROLLRH_COS			6312.59	-1511.35	603.44	-105.54	-114.63	-325.89	-237.61	-6.91	161.78	112.92	272.39	-51.62	-49.91	55.01	24.98	-454.27
ROLLRH_SIN			0.00	-8685.25	-628.97	7.35	117.57	168.67	-248.72	-10.56	29.32	-100.27	-0.39	-50.50	43.21	-17.10	-53.79	-236.02
TORQ_COS			35109.44	339.59	-5.76	-0.92	-128.81	130.44	1.55	2.79	-9.98	4.78	18.21	1.33	5.96	-1.41	-1.03	-1.96
TORQ_SIN			0.00	751.24	-30.42	8.41	-183.77	124.25	2.14	22.15	15.36	-4.44	-11.98	4.84	-6.21	3.76	-5.64	-28.52
THRUST_COS			6932.08	-45.47	14.23	3.91	17.38	41.75	7.73	3.13	-2.06	-2.32	-14.59	-2.58	4.87	-0.36	5.08	3.22
THRUST_SIN			0.00	-111.24	6.90	7.35	48.30	-31.22	3.59	9.89	-4.32	4.46	-1.00	-2.53	-0.24	-2.06	-1.10	24.07

RUN	POINT		Harmonics															
	48	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-157.97	19.65	-15.13	-4.10	-20.47	18.50	13.94	-2.80	-3.43	-5.22	-12.06	3.13	1.79	-1.95	-1.22	13.83
SIDERH_SIN			0.00	225.67	11.02	0.82	-70.69	-59.91	14.47	-1.19	-1.22	5.63	-0.14	2.74	-1.47	0.56	1.10	7.55
DRAGRH_COS			-94.10	238.82	11.28	-1.07	-12.46	70.32	-12.59	-2.60	-3.14	0.23	11.32	2.05	-2.66	-0.35	0.19	18.13
DRAGRH_SIN			0.00	-58.00	15.05	-2.50	4.22	5.77	-26.07	4.25	4.11	6.42	18.32	-4.00	-0.05	-3.39	-2.64	-11.89

RUN	POINT		Harmonics															
	48	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.57	-0.15	-0.01	-0.12	-0.05	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	0.04	0.02	-0.03	-0.03	-0.02	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-0.43	-4.68	-0.21	-3.44	-1.76	-0.65	0.06	0.30	0.00	-0.14	0.08	0.14	0.13	0.05	0.10	-0.03
ACT1FORCE_SIN			0.00	14.03	0.85	0.89	-0.28	-0.70	-0.49	-0.22	-0.10	-0.15	-0.23	0.00	0.08	0.04	0.01	0.08
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.11	-0.03	0.00	0.05	0.05	0.02	0.01	0.01	0.02	0.02	0.00	-0.01	-0.02	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.05	-0.04	-0.10	-0.06	-0.03	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.06	0.11	0.02	0.02	-0.02	-0.05	-0.03	-0.01	-0.01	-0.01	-0.02	0.01	0.01	0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.00	0.10	0.05	0.03	-0.01	-0.02	-0.01	0.00	-0.01	0.00	-0.01	0.00	-0.01	0.00
MRBLD1CB42P75_COS			-3696.47	-2023.89	-98.53	309.72	-14.15	-54.60	-44.35	-134.38	30.99	43.07	36.06	4.67	0.07	4.29	-13.16	-5.28
MRBLD1CB42P75_SIN			0.00	-978.99	-69.57	61.63	144.89	29.42	21.66	-8.48	-48.81	-8.01	-61.05	47.44	10.81	6.17	33.14	-43.93

RUN	POINT		Harmonics															
	48	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2677.52	-1296.50	146.39	198.58	17.60	-37.39	-41.28	-88.74	21.25	39.87	13.32	7.33	0.72	2.17	-7.30	-11.40
MRBLD1CB70_SIN			0.00	-634.26	-62.20	95.58	228.01	63.88	39.40	13.65	-31.69	-3.61	-40.72	25.33	7.06	1.12	23.65	-42.02
MRBLD1CB120_COS			-655.93	-572.78	275.23	171.60	24.13	-1.61	-24.01	-15.44	-21.69	-9.23	4.11	5.27	4.82	3.49	-3.47	2.51
MRBLD1CB120_SIN			0.00	-169.72	-115.70	33.88	193.86	76.52	34.29	20.59	1.35	-4.70	35.30	-17.69	0.91	1.35	-0.56	-7.85
MRBLD1CB164_COS			-1961.13	-168.83	79.58	50.45	-22.75	1.94	7.98	37.15	-24.85	-18.82	7.89	4.82	4.99	2.17	6.01	1.34
MRBLD1CB164_SIN			0.00	6.50	-41.14	27.36	73.52	29.52	3.91	11.79	7.42	-11.46	33.34	-10.54	3.16	1.55	-11.27	30.23
MRBLD1FB42P75_COS			2850.99	467.29	-397.95	645.36	-126.45	-61.89	-104.56	-265.73	-69.83	-21.68	68.48	49.52	28.83	28.55	33.67	-89.36
MRBLD1FB42P75_SIN			0.00	217.85	4.09	85.48	74.11	125.55	58.42	58.91	-69.43	-68.23	-94.16	30.49	4.98	2.89	74.30	-49.25
MRBLD1FB70_COS			363.68	25.39	-187.48	197.35	-49.67	-9.45	-11.43	-39.46	-0.49	3.75	0.60	-0.31	-2.16	-4.73	-6.33	19.48
MRBLD1FB70_SIN			0.00	-194.77	23.08	25.84	10.44	21.20	14.24	17.43	-4.26	1.92	2.24	2.01	2.51	0.75	-15.01	10.27
MRBLD1FB87_COS			-76.17	49.92	-147.42	72.85	-49.91	-18.55	-2.13	23.44	11.45	7.02	-10.08	-9.59	-4.58	-5.48	-9.48	14.77
MRBLD1FB87_SIN			0.00	-185.45	47.10	50.54	7.16	-0.29	-5.79	-7.46	5.52	8.82	21.38	-8.57	-0.17	1.65	-13.81	10.55
MRBLD1FB120_COS			-445.33	62.40	-216.33	36.31	-22.92	-4.45	17.34	57.77	1.49	-7.87	-3.26	2.06	3.91	6.14	11.59	-21.88
MRBLD1FB120_SIN			0.00	-218.27	86.12	118.29	29.30	-11.86	-25.40	-25.63	10.21	0.47	-8.04	3.32	-3.70	-5.51	18.11	-16.94
MRBLD1FB164_COS			-311.32	141.93	-299.63	105.64	151.38	58.79	-6.19	-82.94	-3.51	9.52	1.15	-1.89	-0.87	-1.42	-3.24	9.96
MRBLD1FB164_SIN			0.00	-335.54	98.54	121.39	43.08	-17.00	21.85	26.52	-13.93	-0.67	13.89	-7.16	-1.45	2.85	-6.52	12.53

RUN	POINT		Harmonics															
	48	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-354.40	68.47	-165.29	48.69	105.61	52.12	-21.77	-87.75	9.90	19.09	-19.79	-12.93	7.13	11.32	14.13	-25.71
MRBLD1FB180_SIN			0.00	-250.48	61.82	57.28	15.19	-9.62	31.63	33.77	-17.91	-8.72	36.01	-14.32	-4.39	-8.69	19.70	-21.74
MRBLD1TOR51_COS			-1501.55	79.60	-8.34	106.55	-3.24	-35.06	0.18	-33.02	4.86	4.58	-5.04	0.64	3.04	4.35	-0.58	0.89
MRBLD1TOR51_SIN			0.00	-172.61	3.35	35.33	25.61	7.67	7.85	33.26	-1.31	-5.32	-1.97	-5.74	-0.49	0.37	7.33	-9.70
MRBLD1TOR71_COS			-342.79	101.14	-11.87	76.85	6.50	-24.26	6.40	-18.63	3.83	1.52	-7.85	-0.37	2.55	3.67	-0.43	0.94
MRBLD1TOR71_SIN			0.00	-155.57	-1.94	16.30	15.12	4.41	9.31	35.10	4.86	-1.11	1.66	-5.21	-0.71	0.23	3.08	-4.85
MRBLD1TOR130_COS			-119.07	88.11	10.69	47.99	21.46	-17.61	3.33	-17.37	3.95	2.50	5.32	-1.47	0.31	-1.02	-2.73	-2.32
MRBLD1TOR130_SIN			0.00	-150.01	-6.19	3.52	17.70	6.78	9.13	24.96	2.34	0.28	3.37	8.70	3.46	1.70	-3.26	3.64
MRBLD1TOR164_COS			-256.43	36.74	60.62	7.73	0.28	-16.48	-4.04	-4.56	4.67	3.65	-0.37	-1.01	0.88	1.00	-2.78	-2.35
MRBLD1TOR164_SIN			0.00	-91.53	-11.27	-20.73	-0.97	9.14	7.69	14.46	1.79	-0.42	4.26	5.07	2.47	0.77	-0.18	-2.37
MRFBM1CB26P5_COS			-4551.32	-896.98	-67.02	90.50	-1.22	-7.69	-0.99	-16.04	1.56	-0.28	7.15	-0.32	0.44	0.99	-3.44	1.52
MRFBM1CB26P5_SIN			0.00	-615.76	-18.12	-14.16	0.79	-9.87	-6.84	-6.01	-7.06	-2.02	-4.23	3.99	0.48	2.18	3.15	-3.48
MRFBM1FB9_COS			-119.24	437.72	166.11	-139.57	21.48	15.34	6.92	13.04	-1.48	-2.31	-4.16	0.49	0.00	0.15	2.06	-1.79
MRFBM1FB9_SIN			0.00	194.07	24.63	-83.70	-9.95	-7.28	2.99	7.71	4.73	1.26	-0.05	-2.09	-1.17	-0.77	-1.29	2.93
MRFBM1TOR26P5_COS			-394.41	82.12	-0.72	0.68	-0.44	-0.05	-0.04	-0.09	0.03	0.07	-0.14	0.11	0.01	0.01	0.13	-0.01
MRFBM1TOR26P5_SIN			0.00	-95.03	0.95	0.50	0.32	-0.14	0.29	0.11	0.18	-0.06	0.04	-0.32	0.03	-0.03	0.13	-0.04

RUN	POINT		Harmonics															
	48	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1555.02	-1813.31	-151.37	315.68	-28.43	-45.69	-35.19	-113.55	13.97	23.50	35.10	5.54	2.90	6.25	-12.59	-3.98
MRPC1CB33P25_SIN			0.00	-759.68	-57.98	9.19	79.47	15.12	9.19	-11.67	-44.50	-16.29	-41.73	35.76	8.88	6.79	31.74	-42.46
MRPC1FB33P25_COS			2177.84	356.99	-352.72	516.06	-123.43	-86.38	-104.34	-229.72	-19.15	22.05	104.55	14.83	15.46	13.82	-45.84	-8.54
MRPC1FB33P25_SIN			0.00	404.32	-59.51	190.85	40.39	88.36	8.30	-62.65	-87.17	-62.26	-31.40	55.06	23.81	24.93	74.24	-109.86
MRPC1TOR25P5_COS			-658.99	-44.93	-28.74	-101.84	2.49	32.35	-8.98	26.05	-3.48	-0.09	14.69	-1.62	-3.45	-4.62	-9.83	-5.28
MRPC1TOR25P5_SIN			0.00	305.25	-24.54	-1.26	-17.46	2.16	-5.03	-40.96	-5.71	4.37	-0.73	17.50	2.42	1.67	-5.54	-2.34
MRPLK1LOAD_COS			-78.97	-1.95	-1.53	-12.53	0.23	4.11	-0.84	4.52	-0.48	-0.45	1.95	-0.87	-0.57	-0.78	-1.57	-0.72
MRPLK1LOAD_SIN			0.00	-0.54	-2.84	-3.09	-3.38	-0.05	-1.34	-5.19	-0.26	0.42	0.39	2.83	0.23	0.19	-1.96	0.28
PITCHRH_COS			2779.54	-8694.42	-462.37	7.69	-51.91	-633.62	-18.85	17.01	136.23	-11.75	81.52	-67.47	8.30	-7.33	10.22	-154.40
PITCHRH_SIN			0.00	2374.89	-654.35	41.16	47.02	624.47	137.95	166.80	17.26	-87.49	-158.74	-1.82	35.59	33.39	-24.58	163.18
ROLLRH_COS			-2315.00	-1825.33	768.22	-49.49	-105.08	-632.42	-114.70	-4.38	101.79	81.15	287.64	-37.47	-43.47	48.92	-110.64	-568.44
ROLLRH_SIN			0.00	-8535.62	-659.75	-14.02	114.68	-14.77	-129.71	8.59	7.49	73.87	-42.28	-28.58	7.44	-0.99	-56.28	-200.24
TORQ_COS			28527.27	620.01	-8.57	11.97	-117.41	24.71	0.63	24.97	-15.50	0.25	-2.02	-0.92	1.78	-5.41	-0.03	-14.93
TORQ_SIN			0.00	449.15	-1.90	-7.45	-103.83	58.12	-8.67	9.95	-8.92	-7.60	11.69	4.57	-4.66	5.27	-7.03	-6.39
THRUST_COS			4533.27	-59.90	9.14	10.65	18.77	32.38	6.38	15.68	-2.32	-4.64	-30.61	3.12	2.83	-1.97	2.46	25.12
THRUST_SIN			0.00	-106.14	-0.61	9.91	40.13	-56.74	4.19	-1.85	0.06	1.05	33.94	-5.18	0.74	-0.46	-8.05	47.05

RUN	POINT		Harmonics															
	48	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-151.19	-5.48	-13.64	-1.85	-30.84	52.00	10.05	-2.52	-2.12	-4.51	-12.79	2.07	1.52	-1.44	2.82	15.96
SIDERH_SIN			0.00	219.44	15.39	2.11	-64.04	-41.24	9.41	-0.83	-0.53	-2.52	2.61	2.13	0.08	0.08	1.83	5.82
DRAGRH_COS			-236.04	237.25	13.70	1.34	-14.39	-19.78	-12.89	-4.71	-0.56	-1.81	-0.36	4.64	-1.55	0.06	-1.84	7.47
DRAGRH_SIN			0.00	-60.77	10.82	-1.94	8.70	10.19	-29.18	5.85	1.69	2.71	8.60	-2.97	-2.09	-1.00	-0.08	-5.91

RUN	POINT		Harmonics															
	48	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-0.13	-0.04	-0.11	-0.06	-0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	0.03	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.35	-3.66	-1.31	-3.51	-1.94	-0.34	0.13	0.65	0.13	0.07	0.24	0.27	0.18	0.07	0.07	-0.06
ACT1FORCE_SIN			0.00	14.40	0.57	1.06	-0.57	-0.71	-0.59	-0.31	0.00	0.07	-0.09	0.15	0.15	0.00	0.04	0.11
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.12	-0.03	0.01	0.07	0.06	0.04	0.00	0.00	0.00	0.01	-0.02	-0.02	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.03	0.00	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.11	0.01	0.01	-0.05	-0.05	-0.04	0.00	-0.01	0.01	-0.01	0.02	0.02	0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.02	0.10	0.05	0.02	-0.01	-0.04	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-3601.56	-1692.08	33.34	225.48	-8.62	-71.92	-59.48	-133.69	41.08	44.00	6.47	10.54	-3.73	-6.05	-38.37	-2.35
MRBLD1CB42P75_SIN			0.00	-198.31	-46.42	80.51	168.36	3.56	19.25	8.40	-56.93	-8.19	-97.21	49.46	15.04	11.14	43.41	-33.62

RUN	POINT		Harmonics															
	48	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2716.28	-1053.06	296.00	121.66	34.78	-31.28	-64.53	-86.26	28.54	43.55	-4.19	12.65	0.22	-1.70	-22.89	-4.27
MRBLD1CB70_SIN			0.00	-112.00	-58.36	109.30	311.51	47.59	49.66	31.71	-34.34	-3.69	-71.97	26.70	8.98	4.40	32.61	-33.22
MRBLD1CB120_COS			-596.17	-424.87	423.52	124.11	39.97	25.85	-35.77	-14.47	-34.20	-8.98	22.31	0.78	4.85	6.91	-1.88	2.37
MRBLD1CB120_SIN			0.00	46.29	-135.83	26.22	274.01	73.15	50.86	27.64	2.02	-9.22	58.95	-16.96	1.54	0.98	-5.03	-9.35
MRBLD1CB164_COS			-1963.46	-133.56	136.80	21.71	-24.89	21.21	12.62	40.78	-33.74	-19.10	18.66	-1.24	4.62	3.80	15.20	-2.96
MRBLD1CB164_SIN			0.00	70.83	-48.32	21.47	105.56	37.52	11.17	2.40	3.02	-19.51	60.60	-7.74	4.34	-0.13	-16.24	24.73
MRBLD1FB42P75_COS			3056.52	290.00	-401.41	518.33	-161.84	-89.77	-106.31	-268.36	-95.68	-34.70	59.34	56.29	33.14	26.69	15.21	-79.91
MRBLD1FB42P75_SIN			0.00	19.50	-21.02	172.35	24.52	108.19	33.17	70.66	-87.62	-78.66	-88.48	32.79	11.92	21.39	116.58	-44.59
MRBLD1FB70_COS			422.22	3.38	-191.29	146.11	-56.89	-20.03	-14.05	-39.82	-2.62	2.83	-1.46	-1.05	-3.33	-5.84	-2.14	18.09
MRBLD1FB70_SIN			0.00	-207.42	14.84	51.56	-2.14	15.77	11.06	21.13	-7.10	1.04	2.11	2.91	2.88	-2.14	-24.89	9.05
MRBLD1FB87_COS			-63.72	30.38	-161.39	41.65	-54.43	-22.36	-2.70	24.97	14.85	9.21	-6.13	-11.33	-4.85	-5.32	-6.98	12.04
MRBLD1FB87_SIN			0.00	-200.47	42.64	67.60	2.46	1.55	-2.55	-7.86	8.21	10.28	20.95	-8.19	-1.53	-2.40	-23.63	8.33
MRBLD1FB120_COS			-464.03	25.13	-247.59	3.32	-23.18	4.04	20.47	58.13	4.86	-8.02	-5.69	2.93	4.94	6.93	6.78	-19.35
MRBLD1FB120_SIN			0.00	-234.03	84.17	140.26	34.00	-9.59	-23.17	-31.96	11.65	-0.60	-8.96	1.87	-4.18	-0.16	34.27	-12.67
MRBLD1FB164_COS			-193.87	78.94	-346.32	78.67	157.23	68.98	-2.57	-82.71	-8.90	8.23	2.95	-3.74	-2.33	-1.79	-0.98	8.05
MRBLD1FB164_SIN			0.00	-348.33	81.72	156.93	67.67	-17.08	20.20	36.14	-18.61	-0.10	17.03	-5.50	-1.20	0.72	-15.21	7.92

RUN	POINT		Harmonics															
	48	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-249.91	20.71	-190.66	38.24	122.11	54.40	-25.67	-81.66	12.50	15.90	-19.32	-15.17	12.42	14.90	5.79	-24.96
MRBLD1FB180_SIN			0.00	-256.98	55.38	71.62	37.32	-6.70	27.70	45.62	-19.42	-6.90	41.48	-7.50	-4.00	-5.23	38.70	-14.13
MRBLD1TOR51_COS			-1460.84	88.04	4.85	95.16	-12.06	-31.10	1.40	-27.15	6.93	5.46	-6.41	0.07	3.92	2.46	-5.96	-0.10
MRBLD1TOR51_SIN			0.00	-152.96	6.14	42.29	24.86	13.06	8.94	38.91	-3.74	-8.45	-2.81	-3.74	1.98	2.46	8.53	-9.61
MRBLD1TOR71_COS			-314.05	105.80	-4.76	72.37	-1.88	-19.97	8.15	-13.14	5.68	2.30	-7.74	-0.86	3.26	3.72	-3.85	-0.58
MRBLD1TOR71_SIN			0.00	-147.72	1.74	21.14	13.89	10.65	11.26	39.93	4.22	-3.56	2.09	-4.00	0.59	1.21	4.18	-4.65
MRBLD1TOR130_COS			-88.52	93.64	16.36	50.37	14.70	-14.00	5.66	-13.15	4.27	2.18	4.01	-0.98	-0.11	0.13	-2.21	-2.25
MRBLD1TOR130_SIN			0.00	-136.25	-2.06	7.34	19.07	13.05	11.39	29.78	1.05	-1.89	3.55	8.85	3.06	0.30	-3.35	4.63
MRBLD1TOR164_COS			-259.64	51.22	65.00	16.99	-3.51	-18.86	-4.36	-1.54	5.78	3.19	-0.72	-0.55	1.67	3.19	-4.12	-2.61
MRBLD1TOR164_SIN			0.00	-75.48	-5.87	-22.28	-1.17	11.27	10.47	18.36	2.65	-0.80	5.17	5.14	2.52	0.76	0.35	-1.99
MRFBM1CB26P5_COS			-4517.79	-725.50	-25.42	84.61	-1.98	-12.54	0.53	-15.56	1.03	-0.54	4.89	-0.14	-0.05	-0.41	-6.30	-0.12
MRFBM1CB26P5_SIN			0.00	-174.32	-1.45	-14.73	-15.97	-15.24	-10.17	-6.24	-8.68	-2.82	-2.38	3.39	1.48	2.37	3.49	-3.90
MRFBM1FB9_COS			349.69	46.07	147.61	-97.45	22.89	16.12	7.88	13.61	-1.67	-2.43	-3.96	0.34	0.24	0.91	3.32	-1.65
MRFBM1FB9_SIN			0.00	-18.02	36.04	-97.06	-4.79	-4.39	4.09	6.85	5.81	1.87	1.33	-2.26	-1.31	-0.62	-0.84	2.51
MRFBM1TOR26P5_COS			-350.18	83.50	-0.73	0.58	-0.37	-0.06	0.09	-0.13	0.16	0.02	-0.12	0.04	0.03	-0.03	0.18	0.04
MRFBM1TOR26P5_SIN			0.00	-101.59	0.27	0.05	0.33	-0.13	0.38	0.14	0.18	0.04	-0.03	-0.17	0.02	0.07	0.06	-0.01

RUN	POINT		Harmonics															
	48	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1423.39	-1537.92	-40.51	255.32	-27.56	-64.69	-40.14	-115.49	17.53	24.63	16.82	9.20	0.89	-2.15	-36.17	-2.24
MRPC1CB33P25_SIN			0.00	-138.40	-30.42	29.06	71.38	-3.92	1.85	-4.40	-56.44	-18.39	-58.42	38.35	13.62	12.93	39.34	-34.86
MRPC1FB33P25_COS			2316.17	209.43	-349.57	394.52	-142.40	-104.59	-97.56	-238.27	-30.38	17.66	93.62	19.87	14.12	-0.54	-94.83	-6.53
MRPC1FB33P25_SIN			0.00	188.78	-85.77	239.98	-7.97	65.13	-13.39	-53.48	-111.81	-76.02	-33.73	59.55	31.57	35.34	84.25	-97.70
MRPC1TOR25P5_COS			-691.30	-64.13	-54.19	-94.13	5.91	20.75	-11.58	16.02	-8.34	-2.43	12.29	1.48	-5.43	-1.40	-10.69	-5.10
MRPC1TOR25P5_SIN			0.00	216.42	-51.91	-15.38	-21.90	-5.86	-9.24	-47.01	-3.04	6.31	-1.19	13.57	-0.57	0.29	-4.36	0.05
MRPLK1LOAD_COS			-72.65	-1.60	-3.05	-11.82	1.40	3.44	-1.01	3.63	-0.91	-0.47	1.98	-0.43	-0.68	-0.12	-1.84	-0.87
MRPLK1LOAD_SIN			0.00	-1.68	-3.01	-4.02	-3.05	-0.93	-1.54	-5.69	-0.15	0.56	0.38	1.90	-0.36	-0.27	-1.83	0.62
PITCHRH_COS			8717.50	-8608.50	-486.54	-29.48	-61.07	-778.37	-85.89	31.72	220.97	-38.75	47.35	-73.64	28.76	-15.78	10.75	-343.67
PITCHRH_SIN			0.00	2147.22	-676.30	70.79	7.89	205.80	97.17	167.08	29.92	-57.87	-168.90	22.35	26.40	99.52	-11.83	285.84
ROLLRH_COS			1465.24	-1697.39	685.92	-45.98	-108.51	-416.72	-128.85	-13.03	123.60	43.85	308.40	-54.51	-37.50	82.24	-54.99	-663.63
ROLLRH_SIN			0.00	-8535.96	-659.64	-18.92	132.14	-14.47	-247.14	3.43	16.34	3.62	-56.33	-53.41	27.80	15.91	-58.73	-402.40
TORQ_COS			31960.61	394.95	-1.24	14.17	-106.66	79.76	2.00	30.23	-18.06	-0.49	5.26	3.97	2.48	-1.76	-0.73	-7.08
TORQ_SIN			0.00	624.71	-17.98	14.64	-166.75	84.48	-2.95	14.86	7.09	-6.04	4.94	1.16	-6.22	1.69	-6.38	-15.01
THRUST_COS			5789.60	-49.89	11.33	7.67	14.72	43.20	4.01	22.05	-3.42	-3.75	-21.46	2.93	2.32	-0.50	5.26	18.00
THRUST_SIN			0.00	-114.76	3.71	5.95	43.51	-43.23	6.44	-2.83	-2.73	0.16	24.06	-6.85	-0.25	-3.23	-9.31	48.47

RUN	POINT		Harmonics															
	48	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-163.36	2.68	-14.79	-2.08	-28.39	35.59	6.50	-2.32	-2.17	-2.20	-13.29	2.94	1.28	-2.54	1.03	19.33
SIDERH_SIN			0.00	228.49	13.28	1.70	-71.92	-40.01	14.45	-0.75	-0.76	0.30	2.61	3.65	-0.74	-0.37	1.62	11.73
DRAGRH_COS			-180.65	235.30	11.72	0.26	-13.93	24.35	-11.65	-3.28	-2.16	1.68	4.21	6.13	-2.65	-0.34	-1.99	15.83
DRAGRH_SIN			0.00	-60.88	14.81	-1.37	8.71	-0.39	-24.98	5.58	4.03	1.80	10.68	-5.12	-0.80	-3.82	-1.25	-13.08

RUN	POINT		Harmonics															
	48	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.40	-0.16	-0.03	-0.11	-0.04	-0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.40	0.02	0.00	-0.04	-0.03	-0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-5.06	-4.60	-1.03	-3.49	-1.50	-0.21	0.33	0.68	0.02	-0.05	0.18	0.21	0.10	0.09	0.03	0.04
ACT1FORCE_SIN			0.00	14.15	0.18	0.66	-0.40	-0.83	-0.46	-0.16	0.02	0.01	-0.18	0.03	0.09	-0.07	-0.02	0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.12	-0.02	0.02	0.06	0.05	0.02	-0.01	0.00	0.00	0.01	-0.01	-0.02	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-0.05	-0.05	-0.09	-0.05	-0.02	0.01	0.03	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.06	0.11	0.00	0.00	-0.04	-0.05	-0.02	0.01	-0.01	0.01	-0.02	0.01	0.02	0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.01	0.10	0.03	0.01	-0.02	-0.04	0.00	-0.01	-0.01	0.00	0.00	-0.01	0.00	-0.01
MRBLD1CB42P75_COS			-3440.88	-2882.36	14.16	212.70	-33.63	-90.67	-59.37	-119.10	55.10	54.41	19.69	17.89	-2.83	-0.72	-27.26	-7.56
MRBLD1CB42P75_SIN			0.00	-311.84	-63.27	51.27	175.26	19.50	11.49	-28.23	-47.98	-3.09	-63.25	58.41	17.67	10.32	45.67	-37.14

RUN	POINT		Harmonics															
	48	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2804.92	-1827.49	259.00	113.83	4.90	-66.57	-67.56	-80.92	43.96	51.95	-5.43	17.76	-0.60	2.79	-14.25	-5.24
MRBLD1CB70_SIN			0.00	-218.50	-68.15	89.98	314.40	81.81	50.95	8.14	-31.13	-1.99	-45.92	32.43	8.82	1.62	34.43	-41.74
MRBLD1CB120_COS			-600.02	-745.15	371.95	111.40	4.25	-12.32	-47.00	-25.70	-29.50	-9.56	16.61	-0.42	5.60	6.95	-1.94	4.61
MRBLD1CB120_SIN			0.00	20.34	-131.44	29.20	289.37	111.82	53.00	21.07	-4.01	-6.20	41.61	-18.84	1.78	1.61	-4.69	-10.79
MRBLD1CB164_COS			-1963.59	-206.40	115.56	17.43	-37.48	2.83	4.36	30.05	-38.58	-22.23	25.95	-0.25	8.79	2.68	9.79	-5.63
MRBLD1CB164_SIN			0.00	66.67	-48.04	20.91	114.06	53.13	17.58	12.91	-1.08	-14.21	45.11	-8.10	6.87	2.68	-17.12	33.14
MRBLD1FB42P75_COS			2940.28	646.44	-397.35	507.97	-193.99	-99.08	-121.69	-304.24	-78.44	-18.62	91.71	64.83	36.66	28.22	24.44	-89.86
MRBLD1FB42P75_SIN			0.00	84.33	54.19	186.82	92.20	104.09	8.96	-1.67	-84.74	-75.01	-103.79	40.25	12.75	16.67	101.72	-47.12
MRBLD1FB70_COS			414.04	11.11	-186.16	143.81	-67.17	-21.46	-16.42	-44.31	1.66	4.83	0.55	0.61	-2.08	-4.69	-3.26	20.90
MRBLD1FB70_SIN			0.00	-198.15	31.45	53.54	19.24	17.35	6.75	7.43	-6.56	1.12	1.81	2.22	3.12	-1.15	-21.37	9.84
MRBLD1FB87_COS			-58.16	41.22	-154.65	41.67	-55.72	-21.52	-1.43	28.69	13.07	6.18	-14.53	-13.55	-5.58	-5.34	-9.15	13.67
MRBLD1FB87_SIN			0.00	-198.72	47.96	65.61	10.64	2.27	-0.60	-1.22	8.87	11.83	24.84	-9.16	-1.14	-0.35	-19.60	9.61
MRBLD1FB120_COS			-446.50	44.03	-231.13	9.12	-12.32	5.62	25.86	66.67	0.08	-9.28	-3.32	4.18	5.14	6.28	9.50	-21.71
MRBLD1FB120_SIN			0.00	-244.46	83.09	129.71	29.56	-10.76	-17.07	-12.80	9.87	-3.32	-10.25	2.54	-5.13	-3.43	27.54	-15.62
MRBLD1FB164_COS			-211.82	123.89	-315.35	89.68	174.66	73.39	-9.50	-95.82	-0.75	10.82	1.61	-2.92	-2.67	-1.35	-1.51	8.88
MRBLD1FB164_SIN			0.00	-368.45	96.20	151.48	43.57	-25.18	7.87	6.54	-16.54	4.70	18.89	-8.98	-1.84	2.06	-11.35	9.14

RUN	POINT		Harmonics															
	48	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-267.57	55.55	-167.95	47.33	129.54	61.17	-31.75	-93.91	21.74	19.69	-28.85	-16.11	9.73	9.52	5.48	-28.03
MRBLD1FB180_SIN			0.00	-271.36	62.73	70.24	20.03	-15.93	14.38	16.33	-21.29	-5.35	45.59	-15.02	-10.46	-10.42	31.75	-16.23
MRBLD1TOR51_COS			-1475.49	93.12	-0.14	91.83	-22.58	-36.52	6.70	-34.34	8.93	7.07	-7.59	1.27	4.31	2.88	-3.35	2.16
MRBLD1TOR51_SIN			0.00	-151.23	19.26	46.42	22.81	8.10	-1.64	23.74	-4.10	-7.44	-3.08	-5.66	-0.62	-0.43	6.72	-10.20
MRBLD1TOR71_COS			-324.76	120.69	-8.31	68.85	-8.93	-24.61	12.71	-20.21	6.57	3.02	-9.71	-0.17	3.59	3.62	-2.33	1.16
MRBLD1TOR71_SIN			0.00	-145.23	11.56	24.57	10.99	5.67	2.51	29.04	3.05	-3.16	0.57	-6.03	-1.77	-1.04	2.44	-5.26
MRBLD1TOR130_COS			-96.74	102.03	14.64	48.00	10.85	-19.16	9.13	-18.68	5.39	2.35	5.31	-1.94	-0.02	-0.20	-3.15	-4.15
MRBLD1TOR130_SIN			0.00	-136.53	3.91	10.22	15.05	8.65	4.04	19.61	0.54	-0.99	4.23	10.07	3.92	1.46	-3.04	4.23
MRBLD1TOR164_COS			-260.03	49.26	62.26	14.43	-8.01	-22.14	-2.14	-2.65	7.43	3.99	-1.36	-1.54	1.21	2.38	-3.85	-4.25
MRBLD1TOR164_SIN			0.00	-74.94	-6.33	-20.11	-0.71	10.01	6.94	14.49	1.47	-1.07	5.20	5.38	2.95	1.90	1.34	-2.27
MRFBM1CB26P5_COS			-4353.11	-1446.78	-30.44	84.01	-5.41	-6.87	-1.58	-12.92	0.81	-1.01	10.45	-1.34	0.93	-0.93	-5.53	-0.56
MRFBM1CB26P5_SIN			0.00	-428.11	-0.38	-14.82	-13.57	-22.72	-12.58	-12.44	-5.95	-3.32	-1.69	3.19	1.32	2.65	2.60	-3.30
MRFBM1FB9_COS			235.55	672.95	143.00	-95.12	30.25	17.28	8.13	12.06	-2.24	-2.72	-4.40	0.41	0.12	0.65	2.98	-1.91
MRFBM1FB9_SIN			0.00	41.12	6.07	-99.96	-10.94	-3.69	6.05	11.54	4.79	1.30	0.10	-2.77	-1.37	-0.69	-1.07	2.97
MRFBM1TOR26P5_COS			-348.58	89.53	-0.29	0.63	-0.46	-0.35	0.23	-0.21	0.22	0.10	-0.21	0.17	-0.03	0.02	0.16	0.08
MRFBM1TOR26P5_SIN			0.00	-140.10	1.68	-0.26	0.43	-0.10	0.10	0.21	0.05	0.14	-0.06	-0.18	0.06	0.02	0.12	-0.01

RUN	POINT		Harmonics															
	48	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1334.28	-2461.25	-52.25	235.48	-44.82	-74.62	-41.79	-103.62	25.46	32.53	30.42	15.74	0.51	2.13	-26.04	-7.47
MRPC1CB33P25_SIN			0.00	-85.28	-55.26	-1.52	79.64	5.61	-7.28	-35.48	-52.09	-14.19	-40.28	44.17	15.32	10.75	40.05	-38.67
MRPC1FB33P25_COS			2217.75	531.29	-369.96	389.72	-188.43	-110.38	-100.93	-237.60	-17.05	28.69	126.71	19.48	15.66	3.75	-76.15	-10.59
MRPC1FB33P25_SIN			0.00	286.92	-14.71	249.65	43.16	61.14	-36.67	-124.83	-102.34	-64.52	-23.97	70.85	34.73	32.80	83.28	-108.57
MRPC1TOR25P5_COS			-660.99	-34.54	-77.50	-84.82	6.72	27.38	-19.84	21.69	-7.36	-5.04	17.69	-2.02	-5.49	-2.57	-12.12	-8.94
MRPC1TOR25P5_SIN			0.00	190.04	-39.25	-17.85	-16.32	4.48	0.79	-31.84	-2.34	7.39	3.52	17.48	4.22	3.64	-2.19	-0.27
MRPLK1LOAD_COS			-69.53	-5.87	-2.02	-10.64	2.59	4.36	-1.76	4.55	-0.99	-0.82	2.45	-0.85	-0.79	-0.37	-2.07	-1.50
MRPLK1LOAD_SIN			0.00	-10.29	-5.30	-4.43	-2.82	-0.33	0.25	-3.99	-0.09	0.71	0.53	2.47	0.01	0.17	-1.66	0.37
PITCHRH_COS			-1016.59	-8780.12	-466.10	-19.10	-110.94	-689.05	-14.55	5.08	256.55	-67.76	131.32	-58.65	24.55	-17.72	-8.62	-269.40
PITCHRH_SIN			0.00	2342.18	-538.83	61.60	-9.18	500.35	53.54	111.68	53.24	-47.17	-105.08	1.02	-6.75	88.66	-10.89	276.15
ROLLRH_COS			972.78	-1886.64	552.45	-60.42	-144.28	-955.13	-29.63	-7.82	104.09	81.14	357.80	-54.47	-23.28	58.76	-88.60	-742.26
ROLLRH_SIN			0.00	-8706.34	-676.87	-3.08	144.82	46.58	-190.28	-0.14	2.16	25.45	-3.75	-37.97	7.69	-15.75	-65.81	-315.00
TORQ_COS			34508.66	381.00	11.41	19.80	-131.05	69.05	0.61	19.14	-13.06	-0.44	-11.02	1.26	2.79	-0.49	-1.27	-15.56
TORQ_SIN			0.00	486.58	-20.13	14.05	-154.91	80.93	-0.51	24.78	-0.72	-5.78	5.29	5.96	-7.57	3.26	-3.91	-7.15
THRUST_COS			5426.67	-60.89	9.57	13.14	18.81	46.56	2.72	18.04	-3.78	-5.43	-41.37	3.05	2.53	0.05	5.84	23.38
THRUST_SIN			0.00	-118.28	1.96	4.16	49.85	-45.23	6.57	3.86	-1.94	-0.35	23.28	-3.11	1.44	-1.57	-9.80	56.26

RUN	POINT		Harmonics															
	48	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-157.86	8.13	-10.63	-1.33	-24.90	55.27	6.42	-2.70	-2.31	-4.33	-15.51	2.70	0.81	-1.83	2.07	21.70
SIDERH_SIN			0.00	234.17	12.50	2.61	-88.86	-72.24	13.65	-0.75	-0.25	-0.51	0.78	2.27	-0.05	0.60	1.93	9.26
DRAGRH_COS			-300.62	239.95	9.41	-1.01	-18.95	19.23	-7.70	-2.26	-3.98	3.48	0.37	4.10	-0.52	-0.74	-1.24	13.85
DRAGRH_SIN			0.00	-63.71	11.32	-2.86	12.22	23.22	-23.04	4.07	2.59	0.81	5.90	-3.23	1.24	-3.60	-1.56	-12.73

RUN	POINT		Harmonics															
	48	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.44	-0.17	-0.04	-0.11	-0.04	-0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.39	0.01	0.00	-0.04	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.60	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-4.04	-4.88	-1.06	-3.39	-1.35	-0.10	0.30	0.62	0.09	-0.02	0.24	0.17	0.10	0.07	0.08	0.03
ACT1FORCE_SIN			0.00	13.57	0.12	0.47	-0.50	-0.76	-0.42	-0.19	-0.06	-0.04	-0.19	0.00	0.05	-0.01	-0.02	0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.10	-0.02	0.02	0.06	0.05	0.02	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.01	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.06	-0.05	-0.09	-0.05	-0.01	0.01	0.03	0.02	0.01	0.01	0.00	0.00	0.01	0.02	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.10	0.00	0.00	-0.04	-0.05	-0.02	0.00	-0.01	0.01	-0.01	0.01	0.01	0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.05	0.02	0.09	0.03	0.01	-0.01	-0.03	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	0.00
MRBLD1CB42P75_COS			-3292.44	-3944.75	22.98	225.07	-59.31	-88.60	-53.84	-136.22	60.68	54.09	32.58	26.68	-5.80	3.37	-4.42	-20.26
MRBLD1CB42P75_SIN			0.00	-409.95	-165.83	19.44	177.52	27.23	19.29	-35.36	-59.64	-5.63	-65.19	59.90	10.37	-3.09	30.64	-32.79

RUN	POINT		Harmonics															
	48	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2905.69	-2539.22	249.21	126.61	-13.54	-62.97	-63.35	-96.50	47.36	50.24	4.81	23.43	-6.79	1.85	2.49	-16.00
MRBLD1CB70_SIN			0.00	-345.25	-129.64	78.95	309.90	87.43	45.66	2.81	-41.80	-3.39	-46.89	35.49	3.65	-10.20	19.64	-38.34
MRBLD1CB120_COS			-582.72	-1036.11	351.29	120.57	-9.75	-6.64	-39.07	-31.46	-32.77	-12.63	4.73	-6.08	6.57	6.87	-0.50	3.49
MRBLD1CB120_SIN			0.00	-39.02	-149.28	29.79	282.05	115.74	33.69	25.75	-8.52	-5.43	43.23	-20.85	0.56	1.46	-2.35	-9.82
MRBLD1CB164_COS			-1958.11	-271.06	105.76	24.38	-41.23	4.60	6.65	31.10	-44.23	-24.05	15.50	-4.94	14.20	4.37	-0.94	0.36
MRBLD1CB164_SIN			0.00	49.19	-51.56	22.12	109.68	55.02	5.67	20.97	-1.15	-15.33	44.05	-13.95	6.79	7.67	-9.82	32.10
MRBLD1FB42P75_COS			2826.45	989.67	-368.63	559.26	-219.47	-93.03	-103.75	-348.93	-92.49	-28.65	88.79	53.94	22.85	16.19	31.59	-94.60
MRBLD1FB42P75_SIN			0.00	141.03	124.36	181.03	71.06	93.18	30.73	9.05	-85.16	-73.51	-97.77	35.32	-6.35	-13.27	42.81	-25.17
MRBLD1FB70_COS			404.89	24.49	-169.77	164.10	-74.70	-19.63	-11.96	-49.73	2.62	6.09	1.52	2.52	0.84	-2.01	-4.64	22.04
MRBLD1FB70_SIN			0.00	-195.04	36.86	51.14	14.79	15.66	7.36	6.89	-7.64	1.34	1.31	1.27	4.46	3.48	-9.30	6.33
MRBLD1FB87_COS			-57.01	49.36	-144.76	53.41	-57.48	-20.95	-3.76	31.69	14.73	8.02	-15.00	-12.57	-2.71	-2.07	-10.38	14.78
MRBLD1FB87_SIN			0.00	-197.54	47.45	64.51	9.77	5.59	-1.29	-2.96	8.44	12.21	24.75	-8.23	2.43	6.07	-6.33	5.68
MRBLD1FB120_COS			-435.63	54.31	-220.19	22.29	-9.00	6.99	20.88	75.09	-0.68	-9.72	-2.25	3.84	1.43	0.77	10.99	-22.50
MRBLD1FB120_SIN			0.00	-243.11	78.41	125.93	29.13	-8.17	-17.56	-12.01	10.44	-5.07	-10.02	3.41	-7.25	-10.92	7.61	-11.36
MRBLD1FB164_COS			-230.20	150.39	-292.48	104.85	188.44	70.61	-5.78	-104.76	-0.41	10.39	0.97	-2.58	-0.85	1.98	-1.74	10.29
MRBLD1FB164_SIN			0.00	-364.84	97.66	150.35	50.74	-33.22	2.64	6.17	-13.59	6.70	16.70	-11.79	-1.60	6.23	-2.37	5.62

RUN	POINT		Harmonics															
	48	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-285.41	73.99	-151.55	54.27	136.69	60.33	-27.62	-105.44	23.57	22.43	-29.00	-17.88	3.98	1.02	6.31	-28.39
MRBLD1FB180_SIN			0.00	-269.14	62.75	71.81	24.14	-21.93	13.28	14.14	-22.81	-5.49	44.14	-15.23	-12.93	-20.60	6.34	-10.34
MRBLD1TOR51_COS			-1489.43	93.73	4.55	93.07	-29.69	-31.43	11.38	-48.44	7.22	9.11	-5.33	-0.16	2.13	3.64	3.90	1.27
MRBLD1TOR51_SIN			0.00	-151.60	26.90	51.23	14.07	1.89	6.88	21.86	-9.06	-7.61	-1.47	-4.94	-2.91	-6.16	1.25	-9.77
MRBLD1TOR71_COS			-334.43	131.39	-2.94	67.63	-13.89	-20.26	16.65	-30.22	5.29	4.98	-7.81	-1.03	1.90	3.47	1.82	1.46
MRBLD1TOR71_SIN			0.00	-145.05	18.08	28.84	3.72	-0.70	8.92	27.75	-0.72	-3.16	1.80	-5.16	-2.63	-4.22	-0.75	-4.48
MRBLD1TOR130_COS			-104.56	105.27	19.98	45.67	6.49	-17.43	13.60	-25.69	4.48	2.78	6.04	-1.47	0.69	-0.88	-5.81	-3.37
MRBLD1TOR130_SIN			0.00	-138.34	6.81	14.89	12.13	1.21	7.91	19.18	-1.11	-0.95	3.90	9.10	3.92	3.55	-1.27	4.49
MRBLD1TOR164_COS			-260.66	44.86	62.33	11.05	-11.65	-22.04	-1.07	-4.25	8.44	3.84	-2.17	-1.40	1.68	1.83	-3.70	-4.15
MRBLD1TOR164_SIN			0.00	-77.57	-6.41	-17.77	-3.35	7.91	7.81	12.11	0.65	0.36	4.60	3.47	1.47	2.18	1.76	-1.05
MRFBM1CB26P5_COS			-4201.07	-2229.23	-11.90	86.30	-15.70	-5.59	-2.17	-16.29	2.17	-2.10	10.95	-1.68	1.21	1.27	-3.26	-0.95
MRFBM1CB26P5_SIN			0.00	-742.98	-39.45	-12.99	-8.28	-28.79	-5.74	-15.88	-4.82	-3.37	-2.94	3.76	-0.44	2.02	2.27	-3.56
MRFBM1FB9_COS			145.60	1361.53	122.66	-109.40	31.62	15.57	6.66	14.89	-2.10	-2.53	-4.72	0.34	-0.30	-0.26	1.29	-1.14
MRFBM1FB9_SIN			0.00	132.49	-13.45	-103.46	-8.64	-3.01	4.59	12.95	5.13	1.77	-0.39	-2.77	-0.82	-0.18	-1.19	3.51
MRFBM1TOR26P5_COS			-346.24	95.40	0.84	0.48	-0.25	-0.49	0.28	-0.18	0.08	0.28	-0.22	0.17	0.03	0.00	0.25	0.05
MRFBM1TOR26P5_SIN			0.00	-175.65	3.61	-0.48	0.43	0.04	-0.09	0.33	-0.05	0.08	0.05	-0.25	0.10	-0.04	0.06	0.01

RUN	POINT		Harmonics															
	48	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1231.05	-3148.73	-59.96	240.06	-63.97	-73.89	-36.32	-118.30	25.49	32.74	33.07	19.54	-1.49	6.14	-3.70	-18.91
MRPC1CB33P25_SIN			0.00	40.61	-151.79	-43.16	83.71	17.77	0.98	-35.81	-63.54	-18.44	-41.67	42.48	7.27	-3.08	26.26	-34.19
MRPC1FB33P25_COS			2126.38	847.18	-368.39	435.32	-205.05	-102.99	-96.24	-279.21	-27.05	19.57	122.03	14.86	18.43	18.82	-21.20	-33.59
MRPC1FB33P25_SIN			0.00	371.53	60.43	249.26	22.49	54.85	-12.69	-134.84	-108.85	-67.84	-22.88	62.37	11.32	4.49	54.86	-101.58
MRPC1TOR25P5_COS			-628.36	-9.13	-97.92	-85.71	5.86	23.75	-28.04	36.55	-6.34	-7.84	15.40	0.11	-3.50	-4.58	-15.99	-8.85
MRPC1TOR25P5_SIN			0.00	160.30	-19.26	-24.95	-4.06	9.42	-5.49	-29.89	2.39	8.79	0.74	18.15	5.01	9.63	1.31	2.68
MRPLK1LOAD_COS			-66.92	-8.55	-2.27	-10.13	3.49	3.64	-2.38	6.48	-0.66	-1.30	2.02	-0.56	-0.55	-0.82	-3.03	-1.27
MRPLK1LOAD_SIN			0.00	-18.33	-6.62	-5.22	-1.66	0.47	-0.70	-3.86	0.64	0.84	0.19	2.31	0.28	1.10	-0.83	0.84
PITCHRH_COS			-9376.83	-8533.21	-664.87	-32.08	-101.12	-744.96	-28.87	1.92	221.98	-31.35	126.95	-84.33	22.26	9.26	-5.64	-174.05
PITCHRH_SIN			0.00	2448.57	-811.12	47.13	-7.98	522.93	-95.56	173.46	4.69	-35.82	-93.49	-18.75	3.00	17.64	0.46	160.18
ROLLRH_COS			1573.68	-1983.01	782.11	1.06	-181.69	-828.34	32.52	9.26	201.75	78.06	365.33	-31.56	-32.09	5.00	-107.12	-635.85
ROLLRH_SIN			0.00	-8535.15	-768.81	20.77	149.47	-179.49	-262.60	25.04	-69.81	44.09	-4.70	-64.87	-6.56	-27.89	-26.09	-95.60
TORQ_COS			36640.59	-444.88	4.15	-256.86	-101.79	76.86	-4.30	35.71	1.81	-0.63	-11.12	2.53	-0.72	-4.08	-3.80	-10.17
TORQ_SIN			0.00	2.49	-2.65	-59.40	-138.47	44.51	7.34	23.67	-5.91	-7.75	13.44	13.03	-2.34	-0.68	-2.78	-1.31
THRUST_COS			5127.73	-77.01	8.49	12.79	13.40	44.66	1.38	21.87	-1.62	-6.47	-38.30	5.32	1.41	-1.49	3.48	35.28
THRUST_SIN			0.00	-119.51	1.36	-1.02	50.10	-44.22	8.26	0.50	2.17	-0.25	26.73	-1.11	2.64	1.38	-11.00	50.44

RUN	POINT		Harmonics															
	48	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-203.04	11.47	-16.21	-2.30	-11.61	58.53	0.41	-2.03	-3.85	-4.14	-16.57	1.55	1.19	-0.32	3.11	18.60
SIDERH_SIN			0.00	222.13	13.64	3.12	-97.61	-51.32	16.46	-1.74	1.89	-1.36	1.50	3.21	0.42	0.91	1.02	3.72
DRAGRH_COS			-468.94	233.49	12.19	-1.77	-19.80	-16.51	-10.02	-4.92	-2.19	1.03	0.02	5.43	-0.17	-0.69	-1.18	11.68
DRAGRH_SIN			0.00	-64.07	17.61	-2.56	10.78	10.43	-13.99	2.94	1.63	-1.46	4.43	-1.50	0.48	-0.30	-1.28	-7.41

RUN	POINT		Harmonics															
	48	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.31	-0.10	-0.04	-0.11	-0.05	-0.02	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN			0.00	0.41	0.05	0.01	-0.05	-0.03	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-7.70	-2.74	-1.31	-3.57	-1.99	-0.48	0.16	0.47	0.17	0.15	0.28	0.38	0.17	0.14	0.12	-0.15
ACT1FORCE_SIN			0.00	14.31	1.00	1.09	-0.71	-0.64	-0.56	-0.42	0.06	0.00	-0.03	0.15	0.11	0.03	0.00	0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.12	-0.04	0.01	0.07	0.06	0.04	0.01	0.00	0.00	0.00	-0.02	-0.01	-0.02	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.04	0.00	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.07	0.11	0.02	0.02	-0.05	-0.05	-0.04	-0.01	-0.01	0.00	-0.01	0.02	0.00	0.01	0.00	0.01
FA1OBVOLTAGE_SIN			0.00	0.03	0.03	0.10	0.05	0.03	-0.01	-0.02	-0.01	-0.03	-0.03	-0.03	-0.01	-0.01	0.00	0.03
MRBLD1CB42P75_COS			-3631.48	-306.02	47.23	218.43	24.14	-56.69	-50.49	-97.86	29.51	33.57	3.43	-6.79	-13.28	-11.97	-44.52	2.38
MRBLD1CB42P75_SIN			0.00	183.74	-89.11	92.20	140.97	-5.42	17.73	29.98	-55.04	-7.00	-103.92	43.55	0.02	2.33	18.18	-26.91

RUN	POINT		Harmonics															
	48	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2692.05	-181.67	316.42	114.11	67.19	-20.16	-54.38	-62.45	16.42	35.21	1.23	2.87	-3.52	-2.75	-27.35	1.17
MRBLD1CB70_SIN			0.00	137.37	-88.23	118.46	284.84	30.35	30.93	44.19	-32.50	-1.25	-81.73	24.39	-2.96	2.04	14.96	-28.12
MRBLD1CB120_COS			-585.34	-87.26	452.52	120.99	68.13	39.64	-17.81	-5.95	-31.81	-6.68	22.59	10.62	10.02	8.40	3.21	3.83
MRBLD1CB120_SIN			0.00	137.69	-156.08	19.06	233.57	58.58	29.51	37.50	9.53	-6.00	64.88	-13.55	5.62	1.47	-4.46	-7.74
MRBLD1CB164_COS			-1962.85	-59.51	152.56	20.64	-14.55	25.12	17.69	33.22	-27.23	-15.58	11.18	4.06	4.71	3.32	15.29	-4.93
MRBLD1CB164_SIN			0.00	89.66	-52.92	16.57	84.98	31.31	-0.50	-2.20	6.31	-19.91	67.85	-6.58	12.06	1.87	-6.24	19.70
MRBLD1FB42P75_COS			3125.48	-100.78	-407.02	489.63	-153.01	-50.63	-75.54	-186.91	-93.36	-40.53	50.33	41.52	16.14	8.75	-20.57	-57.47
MRBLD1FB42P75_SIN			0.00	-92.31	-57.67	146.65	-103.50	105.03	36.17	91.49	-83.33	-78.22	-71.21	26.18	2.26	7.54	80.31	-49.65
MRBLD1FB70_COS			432.50	-1.47	-197.34	135.15	-52.75	-9.20	-6.15	-23.38	-2.60	2.74	-1.11	-0.89	-2.14	-3.30	4.66	13.48
MRBLD1FB70_SIN			0.00	-215.63	2.59	43.49	-42.08	14.09	10.59	25.35	-4.82	2.62	3.07	4.35	4.29	0.21	-16.98	10.43
MRBLD1FB87_COS			-64.93	22.11	-166.08	34.33	-54.21	-21.36	-4.02	16.88	13.81	9.77	-4.47	-7.83	-0.91	-1.30	1.41	7.86
MRBLD1FB87_SIN			0.00	-205.86	39.30	65.21	-12.16	1.76	-3.32	-10.15	7.93	10.39	18.06	-6.19	0.93	0.69	-16.28	9.19
MRBLD1FB120_COS			-475.04	14.41	-254.41	-3.65	-28.23	-4.75	10.73	34.58	5.13	-7.32	-6.14	0.11	1.39	3.22	-4.59	-13.08
MRBLD1FB120_SIN			0.00	-237.68	83.48	140.39	41.44	-8.87	-20.90	-38.20	8.34	-2.83	-11.52	-1.46	-7.76	-4.02	22.96	-13.89
MRBLD1FB164_COS			-169.99	44.14	-368.10	72.86	151.15	62.33	11.13	-49.13	-8.11	7.49	3.55	-0.52	2.76	2.32	4.89	5.25
MRBLD1FB164_SIN			0.00	-341.82	72.68	161.09	115.65	-14.74	21.33	48.50	-15.63	0.87	17.22	-1.56	1.93	2.69	-10.30	7.51

RUN	POINT		Harmonics															
	48	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-228.19	-6.53	-206.81	35.96	119.82	50.59	-13.57	-50.84	9.80	14.08	-19.39	-12.54	15.09	15.46	-4.98	-16.65
MRBLD1FB180_SIN			0.00	-250.67	49.96	72.29	67.53	-3.93	25.51	53.05	-17.22	-9.84	28.01	-10.62	-4.88	-8.33	22.77	-17.66
MRBLD1TOR51_COS			-1447.80	81.45	7.95	93.00	-7.72	-25.73	-3.79	-13.70	7.75	5.44	-3.72	1.59	5.24	3.89	-5.10	2.31
MRBLD1TOR51_SIN			0.00	-152.83	-6.39	36.34	20.65	8.73	5.81	42.99	-1.39	-8.11	-4.23	-4.65	1.99	1.97	3.47	-8.31
MRBLD1TOR71_COS			-303.84	87.22	-2.97	71.74	-0.46	-15.98	2.78	-3.40	7.12	2.81	-5.09	1.09	4.68	4.84	-2.40	0.83
MRBLD1TOR71_SIN			0.00	-150.50	-7.28	17.00	13.58	7.20	8.48	42.16	6.71	-2.81	1.29	-4.18	1.36	1.26	1.36	-3.90
MRBLD1TOR130_COS			-79.57	83.91	17.08	51.36	13.93	-10.46	1.34	-4.40	5.28	2.66	3.60	-1.21	-1.12	-0.85	-1.65	-2.70
MRBLD1TOR130_SIN			0.00	-135.82	-8.24	6.00	23.24	10.65	9.89	33.64	3.83	-1.27	4.10	7.98	2.60	0.22	-1.98	4.59
MRBLD1TOR164_COS			-258.72	51.68	67.52	18.91	-1.86	-15.65	-7.27	0.26	4.83	3.19	-0.22	0.12	1.72	2.73	-3.12	-1.87
MRBLD1TOR164_SIN			0.00	-73.92	-7.49	-23.49	-5.65	9.95	8.77	18.25	3.84	-0.17	4.52	4.68	1.59	-0.10	-0.89	-1.36
MRFBM1CB26P5_COS			-4649.52	-71.12	-23.52	82.87	1.29	-11.41	1.24	-12.27	1.45	-0.93	2.38	-0.61	-0.27	-0.50	-5.24	1.02
MRFBM1CB26P5_SIN			0.00	66.74	-16.85	-12.37	-15.09	-13.52	-5.27	-2.81	-10.03	-2.86	-1.77	2.67	0.87	0.81	0.73	-3.00
MRFBM1FB9_COS			467.25	-522.28	161.63	-92.40	16.79	12.77	5.26	11.30	-1.24	-2.18	-3.53	0.55	0.21	0.51	2.60	-1.69
MRFBM1FB9_SIN			0.00	-63.21	58.77	-89.50	10.70	-6.05	2.00	2.55	5.41	1.99	1.39	-1.61	-0.52	-0.11	0.31	1.87
MRFBM1TOR26P5_COS			-350.43	76.78	-0.08	0.41	0.01	-0.01	-0.06	0.04	0.03	0.04	-0.07	0.04	0.06	0.00	0.17	0.06
MRFBM1TOR26P5_SIN			0.00	-65.28	-0.44	0.03	0.44	-0.10	0.32	0.10	0.16	-0.02	-0.11	-0.18	0.03	0.06	0.07	-0.05

RUN	POINT		Harmonics															
	48	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1331.56	-291.95	-41.42	257.43	-5.60	-51.71	-34.14	-88.29	12.76	18.77	13.16	-2.67	-6.32	-7.37	-40.19	3.40
MRPC1CB33P25_SIN			0.00	147.96	-66.19	44.18	41.37	-8.40	5.32	14.17	-53.89	-18.91	-60.36	33.14	3.01	3.36	15.91	-28.37
MRPC1FB33P25_COS			2371.25	-143.99	-329.69	376.69	-104.23	-70.24	-75.23	-183.96	-32.69	12.64	77.45	13.63	9.95	-0.57	-85.34	11.27
MRPC1FB33P25_SIN			0.00	42.61	-122.10	213.40	-111.10	72.07	-2.58	-5.42	-109.92	-80.24	-27.57	44.89	12.18	13.33	31.71	-80.61
MRPC1TOR25P5_COS			-719.08	-104.20	-11.98	-95.71	11.44	20.54	-5.58	6.00	-9.17	-3.11	8.64	-0.94	-6.57	-3.61	-8.60	-5.68
MRPC1TOR25P5_SIN			0.00	213.28	-56.20	-24.95	-18.38	-6.13	-6.58	-48.44	-6.92	6.11	-0.25	13.08	-3.75	-1.50	-3.66	1.30
MRPLK1LOAD_COS			-74.51	2.72	-3.80	-11.70	0.99	2.63	-0.22	1.50	-0.96	-0.56	1.30	-0.50	-0.92	-0.44	-1.35	-1.18
MRPLK1LOAD_SIN			0.00	7.83	-1.32	-3.46	-2.66	-0.47	-0.97	-6.03	-0.28	0.66	0.81	1.89	-0.61	-0.48	-1.42	0.79
PITCHRH_COS			17863.27	-8505.01	-477.79	-57.58	-26.24	-809.66	-123.62	-57.13	164.41	4.60	-9.31	-52.68	38.95	-3.20	11.54	-356.69
PITCHRH_SIN			0.00	2448.56	-713.37	35.63	50.37	-195.12	113.39	122.99	2.24	-17.70	-236.99	2.19	27.96	59.94	-15.02	163.45
ROLLRH_COS			2026.05	-2042.10	738.04	-49.19	-130.99	267.47	-194.47	0.59	98.62	0.96	251.06	-49.72	-2.98	61.17	-39.05	-466.19
ROLLRH_SIN			0.00	-8372.92	-677.93	-24.73	85.31	-138.63	-268.11	43.90	23.68	-13.08	-44.69	-51.19	69.42	-13.85	-75.98	-413.79
TORQ_COS			29277.80	412.89	-15.80	0.02	-104.66	75.85	-0.77	19.18	-16.99	0.01	11.98	3.62	0.95	-2.45	1.32	0.81
TORQ_SIN			0.00	739.55	-24.01	3.54	-199.17	101.06	-1.90	9.12	15.75	-5.29	0.44	-0.01	-10.26	5.70	-8.19	-10.33
THRUST_COS			6115.92	-42.26	12.75	3.72	13.30	30.84	6.29	13.37	-4.33	-3.00	-15.27	2.64	1.41	-0.36	6.12	3.88
THRUST_SIN			0.00	-112.72	3.75	5.97	43.61	-43.40	4.32	2.33	-2.93	1.74	19.35	-5.06	-2.78	-0.27	-4.41	46.27

RUN	POINT		Harmonics															
	48	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-169.41	18.98	-16.99	-4.00	-20.50	10.99	9.15	-0.92	-1.56	-0.31	-10.45	2.51	-0.26	-1.86	0.55	13.79
SIDERH_SIN			0.00	215.76	15.76	0.65	-55.32	1.95	13.27	-1.75	-0.81	1.32	1.79	3.47	-2.48	0.59	2.04	12.15
DRAGRH_COS			-55.39	230.50	14.30	0.86	-11.69	16.84	-7.30	-4.50	-1.18	-2.54	6.32	5.64	-2.94	-0.41	-1.56	17.57
DRAGRH_SIN			0.00	-71.94	15.84	0.30	1.35	-33.92	-27.32	1.65	4.71	-0.86	15.94	-4.47	0.76	-2.36	-0.93	-7.80

RUN	POINT		Harmonics															
	48	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.24	-0.07	-0.06	-0.10	-0.07	-0.03	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN			0.00	0.42	0.07	0.02	-0.03	-0.03	-0.03	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
ACT1DISP_COS			2.62	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.10	-1.64	-1.78	-3.57	-2.32	-0.75	-0.08	0.45	0.35	0.24	0.40	0.40	0.33	0.15	0.05	-0.22
ACT1FORCE_SIN			0.00	14.37	1.67	1.20	-0.28	-0.49	-0.74	-0.64	-0.04	-0.04	0.05	0.03	0.15	0.04	0.14	0.17
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.12	-0.05	0.00	0.05	0.06	0.05	0.02	0.01	0.00	-0.01	-0.01	-0.03	-0.03	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.03	-0.06	-0.08	-0.08	-0.05	-0.02	0.01	0.03	0.03	0.03	0.03	0.03	0.01	0.00	-0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.10	0.04	0.03	-0.04	-0.05	-0.06	-0.03	-0.01	0.00	0.01	0.01	0.03	0.02	0.03	0.00
FA1OBVOLTAGE_SIN			0.00	0.02	0.04	0.09	0.07	0.05	0.01	-0.02	-0.02	-0.03	-0.04	-0.03	-0.03	-0.01	0.01	0.03
MRBLD1CB42P75_COS			-3916.54	1506.20	108.15	204.94	16.70	-57.81	-34.63	-91.38	19.58	29.65	43.42	-16.13	-23.73	-17.24	-46.05	-4.03
MRBLD1CB42P75_SIN			0.00	950.29	-215.59	77.14	96.48	-20.24	28.77	57.63	-33.03	2.95	-59.71	44.24	-4.53	-1.91	10.69	-38.74

RUN	POINT		Harmonics															
	48	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2529.52	943.12	376.53	99.55	42.17	-39.69	-33.57	-59.93	8.30	27.43	25.78	-1.31	-9.82	-0.86	-26.99	-10.12
MRBLD1CB70_SIN			0.00	647.37	-176.07	122.68	225.33	-30.47	44.93	54.57	-20.35	5.62	-42.81	25.54	-3.68	2.04	5.67	-35.84
MRBLD1CB120_COS			-597.53	350.96	513.65	121.30	64.74	31.22	6.64	-6.87	-27.12	-3.99	-4.60	15.45	14.34	10.71	6.27	5.56
MRBLD1CB120_SIN			0.00	342.33	-212.01	12.56	185.51	-17.27	49.39	33.74	-0.02	-11.81	39.34	-15.69	6.45	1.93	-4.68	-9.98
MRBLD1CB164_COS			-1968.53	35.42	170.01	21.92	-19.18	19.15	18.86	29.11	-20.64	-8.51	-10.20	5.74	8.17	2.13	13.10	-1.88
MRBLD1CB164_SIN			0.00	134.96	-65.37	13.37	67.82	-3.38	3.51	-12.07	-3.29	-24.18	32.87	-7.57	12.99	1.61	-0.52	24.66
MRBLD1FB42P75_COS			3296.00	-596.29	-395.23	522.67	-62.76	11.98	-36.60	-163.20	-80.98	-22.01	60.37	30.84	3.72	-6.26	-25.89	-79.42
MRBLD1FB42P75_SIN			0.00	-297.24	-68.39	56.19	-73.40	127.25	59.51	144.60	-75.35	-87.33	-83.02	29.88	2.89	5.15	70.05	-66.15
MRBLD1FB70_COS			445.41	-3.33	-200.40	141.25	-29.10	5.75	4.66	-16.88	-2.11	2.02	-0.45	-0.79	-0.10	0.27	5.70	17.12
MRBLD1FB70_SIN			0.00	-226.72	-7.88	13.40	-36.26	16.78	15.53	37.03	-0.57	3.73	3.16	3.24	3.60	1.27	-13.38	14.95
MRBLD1FB87_COS			-66.65	17.11	-172.80	36.70	-47.82	-20.58	-5.43	16.04	12.35	6.40	-8.81	-5.62	0.74	1.58	2.81	12.16
MRBLD1FB87_SIN			0.00	-216.94	39.38	51.35	-7.43	1.02	-7.40	-16.83	6.15	11.33	20.60	-6.53	0.24	-0.26	-14.99	12.06
MRBLD1FB120_COS			-494.93	4.54	-267.77	-4.47	-39.19	-19.97	-6.45	22.51	3.22	-5.86	-4.55	-0.20	0.42	-0.49	-5.31	-18.09
MRBLD1FB120_SIN			0.00	-249.38	92.62	134.26	47.27	-4.43	-21.50	-49.72	4.41	-3.58	-11.97	-0.92	-6.64	-3.82	19.49	-20.23
MRBLD1FB164_COS			-137.92	11.53	-365.36	79.38	144.35	69.65	34.88	-34.07	-6.91	5.81	3.11	3.80	7.26	7.51	8.99	11.75
MRBLD1FB164_SIN			0.00	-351.82	66.25	151.20	100.14	-26.25	24.18	68.10	-11.24	0.53	17.68	-0.59	2.92	3.30	-8.69	10.79

RUN	POINT		Harmonics															
	48	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-196.32	-30.81	-200.28	41.22	118.95	57.12	9.29	-35.54	9.09	6.36	-27.97	-7.42	15.77	10.68	-5.83	-24.37
MRBLD1FB180_SIN			0.00	-255.80	44.33	68.47	55.70	-13.42	25.12	69.63	-13.92	-11.19	28.24	-12.98	-4.96	-11.47	15.25	-27.91
MRBLD1TOR51_COS			-1425.92	83.35	16.67	96.18	16.71	-14.55	-11.99	-9.68	11.76	7.48	-4.29	1.87	6.26	5.74	-2.78	1.27
MRBLD1TOR51_SIN			0.00	-144.19	-17.67	14.79	22.84	13.72	6.66	42.87	-1.84	-5.71	-1.99	-5.22	-0.03	-0.26	4.41	-10.19
MRBLD1TOR71_COS			-285.27	71.60	1.19	74.20	19.13	-7.04	-5.50	-0.20	10.14	3.85	-7.12	2.10	6.30	6.17	-0.84	0.95
MRBLD1TOR71_SIN			0.00	-151.00	-14.57	0.28	14.49	12.33	7.73	40.27	5.70	-1.38	1.62	-4.20	0.53	-0.02	1.75	-4.75
MRBLD1TOR130_COS			-64.26	77.40	18.75	50.88	26.58	-1.62	-2.65	-2.90	7.30	4.74	3.71	-1.76	-0.80	-1.57	-3.28	-2.62
MRBLD1TOR130_SIN			0.00	-132.14	-12.64	-3.04	19.01	13.80	12.42	35.25	4.68	0.23	4.57	8.15	3.15	1.41	-2.92	4.24
MRBLD1TOR164_COS			-254.53	55.77	67.80	16.22	4.26	-11.76	-9.02	-0.35	3.44	1.71	-1.27	0.65	2.01	2.19	-2.98	0.22
MRBLD1TOR164_SIN			0.00	-67.75	-8.10	-26.32	-6.96	11.30	9.61	18.35	4.68	0.51	4.30	5.49	3.33	1.39	-2.06	-2.66
MRFBM1CB26P5_COS			-4878.51	768.18	5.79	85.47	4.25	-7.07	-0.32	-12.55	2.67	-0.16	6.23	-2.35	-0.53	-2.28	-4.20	3.09
MRFBM1CB26P5_SIN			0.00	553.09	-56.38	-16.26	-19.08	-3.81	-5.13	1.38	-6.44	-3.05	-3.67	2.73	-0.16	-0.41	1.44	-4.12
MRFBM1FB9_COS			646.62	-1291.41	168.62	-103.33	7.34	7.51	4.78	11.89	-1.04	-2.35	-4.38	0.90	0.39	0.51	2.32	-2.19
MRFBM1FB9_SIN			0.00	-134.71	74.14	-72.97	5.15	-9.16	-0.76	-0.20	4.66	1.52	-0.02	-1.25	0.05	0.31	1.03	2.77
MRFBM1TOR26P5_COS			-348.28	67.88	1.83	0.22	0.22	0.09	-0.28	0.12	0.00	0.13	-0.14	0.09	0.03	0.05	0.15	0.05
MRFBM1TOR26P5_SIN			0.00	-30.11	0.02	0.09	0.62	-0.15	0.12	0.23	0.09	0.04	-0.04	-0.26	0.03	0.03	0.18	-0.03

RUN	POINT		Harmonics															
	48	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1508.54	1351.39	-7.01	234.03	6.94	-42.17	-24.67	-79.28	6.12	22.71	37.29	-7.77	-13.78	-12.85	-37.24	-0.07
MRPC1CB33P25_SIN			0.00	712.07	-186.43	10.98	15.27	0.73	14.66	40.49	-38.38	-14.72	-38.68	32.89	0.09	-0.15	11.14	-41.01
MRPC1FB33P25_COS			2520.64	-595.30	-290.36	416.18	-37.98	-28.28	-50.00	-186.25	-26.68	29.25	93.14	3.01	1.39	-7.73	-78.77	13.53
MRPC1FB33P25_SIN			0.00	-193.74	-119.68	142.44	-64.04	103.27	31.19	48.09	-96.58	-76.98	-27.76	40.46	3.28	-0.36	20.52	-109.92
MRPC1TOR25P5_COS			-728.93	-166.39	36.31	-83.87	-14.58	7.64	7.40	1.57	-12.51	-5.73	11.42	-3.85	-7.71	-5.79	-10.99	-1.58
MRPC1TOR25P5_SIN			0.00	184.72	-23.17	-10.59	-12.43	-14.41	-4.15	-47.80	-4.32	2.83	-1.33	14.79	-1.80	-0.90	-6.75	2.68
MRPLK1LOAD_COS			-77.95	6.64	-4.72	-11.56	-2.27	0.94	1.39	0.68	-1.53	-1.01	1.36	-0.68	-1.10	-0.81	-1.66	-0.45
MRPLK1LOAD_SIN			0.00	17.19	0.17	-0.75	-2.94	-1.92	-1.16	-6.44	-0.06	0.26	0.54	2.22	-0.27	-0.24	-2.20	0.86
PITCHRH_COS			28904.44	-8602.37	-402.93	-101.31	-2.22	-316.67	-185.03	10.77	97.79	-60.97	22.24	-68.22	14.80	-49.37	-13.72	-266.13
PITCHRH_SIN			0.00	2894.84	-359.74	32.61	77.41	-18.62	35.56	81.13	71.99	-17.48	-207.00	-13.23	7.83	50.71	-37.57	106.68
ROLLRH_COS			2213.39	-2503.61	424.21	-109.22	-108.54	205.38	-213.03	-56.45	14.60	106.25	222.79	-8.25	-18.02	40.70	-4.79	-546.75
ROLLRH_SIN			0.00	-8463.88	-674.42	6.78	-28.84	240.06	-207.85	34.41	63.51	-60.60	2.32	-42.50	54.92	29.23	-44.18	-465.09
TORQ_COS			24588.48	1068.33	-66.27	198.78	-56.67	88.84	-4.65	11.53	-17.82	-1.05	-5.41	4.54	-5.52	1.04	-8.89	-11.02
TORQ_SIN			0.00	1011.61	-5.34	101.76	-142.92	125.15	1.52	-8.52	4.06	-9.93	14.23	2.49	-11.80	10.30	-9.13	-0.60
THRUST_COS			6626.42	-25.81	11.18	7.42	6.74	8.07	9.19	8.04	-2.17	-5.60	-25.86	3.82	3.28	1.82	-4.00	10.25
THRUST_SIN			0.00	-103.67	5.72	8.37	33.46	-50.20	0.85	-4.13	-2.76	0.24	28.62	-5.02	-2.91	-1.96	-1.51	58.17

RUN	POINT		Harmonics															
	48	67	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-147.82	22.44	-8.84	-10.69	-11.90	-3.79	10.07	0.21	0.59	-5.93	-9.43	0.51	0.40	-0.98	-0.14	16.16
SIDERH_SIN			0.00	221.18	16.68	0.91	-8.48	-20.43	9.08	0.42	-2.46	3.61	0.52	2.62	-1.98	-0.74	1.18	14.12
DRAGRH_COS			158.66	235.32	12.22	1.57	2.84	27.97	-3.62	1.53	-2.26	1.03	4.82	5.76	-0.76	2.01	0.40	13.94
DRAGRH_SIN			0.00	-84.04	7.85	-1.47	-3.20	-22.71	-11.61	0.35	4.35	-1.78	12.86	-1.34	0.91	-2.71	1.08	-5.46

RUN	POINT		Harmonics															
	48	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.34	-0.12	-0.04	-0.11	-0.06	-0.02	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	0.03	0.02	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.72	-3.49	-1.34	-3.54	-1.88	-0.51	0.18	0.69	0.22	0.12	0.24	0.32	0.22	0.09	0.06	-0.12
ACT1FORCE_SIN			0.00	14.38	0.42	1.20	-0.52	-0.72	-0.72	-0.38	0.03	0.11	-0.06	0.13	0.11	0.06	0.06	0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.12	-0.03	0.01	0.06	0.06	0.04	0.00	0.00	0.00	0.01	-0.02	-0.02	-0.02	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.04	0.00	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.11	0.01	0.01	-0.05	-0.05	-0.04	0.00	-0.02	0.01	-0.02	0.02	0.01	0.02	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.03	0.10	0.05	0.03	-0.01	-0.04	-0.02	-0.02	-0.03	-0.01	-0.02	0.00	0.00	0.02
MRBLD1CB42P75_COS			-3454.50	-1391.73	39.84	227.48	10.99	-67.86	-65.45	-124.07	40.38	42.34	13.21	1.45	-13.67	-10.61	-32.95	-3.27
MRBLD1CB42P75_SIN			0.00	-13.65	-32.25	69.29	166.71	9.71	22.19	0.89	-52.52	-8.73	-112.61	62.14	12.44	7.12	32.42	-21.60

RUN	POINT		Harmonics															
	48	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2794.34	-861.06	295.72	125.79	55.35	-30.63	-68.01	-82.85	27.76	42.47	-1.91	6.91	-5.47	-3.45	-18.50	-2.16
MRBLD1CB70_SIN			0.00	4.34	-53.35	104.30	307.24	67.08	56.47	24.92	-32.84	-5.44	-88.47	34.02	6.63	3.13	24.33	-23.83
MRBLD1CB120_COS			-565.11	-349.55	421.96	129.82	61.18	25.24	-34.42	-17.13	-33.73	-8.64	19.55	4.19	9.29	8.01	0.11	2.00
MRBLD1CB120_SIN			0.00	90.46	-137.37	20.85	271.44	98.06	62.54	23.03	0.33	-8.28	68.96	-23.36	2.55	1.54	-4.94	-9.15
MRBLD1CB164_COS			-1956.42	-116.56	136.52	24.40	-15.56	18.85	15.38	37.68	-33.76	-18.47	16.60	1.87	7.36	4.52	11.16	-2.83
MRBLD1CB164_SIN			0.00	80.36	-49.23	20.35	105.89	48.66	15.93	2.01	0.61	-18.73	74.77	-12.53	5.68	0.63	-11.98	18.40
MRBLD1FB42P75_COS			3021.72	196.92	-394.68	517.13	-125.67	-91.50	-113.47	-273.48	-97.57	-34.77	74.67	56.15	25.14	17.19	5.16	-61.54
MRBLD1FB42P75_SIN			0.00	-14.81	-18.58	144.66	31.12	106.90	39.82	45.14	-89.50	-82.57	-95.01	43.25	13.34	14.41	86.95	-31.58
MRBLD1FB70_COS			424.80	0.24	-192.13	146.35	-45.46	-19.85	-14.93	-39.56	-2.40	3.27	-1.16	-0.74	-2.21	-3.90	0.09	14.85
MRBLD1FB70_SIN			0.00	-205.36	17.62	41.82	-0.28	16.34	13.66	17.98	-5.98	1.58	2.03	3.17	2.85	-1.09	-19.11	6.45
MRBLD1FB87_COS			-63.96	28.14	-161.91	41.58	-49.73	-22.76	-1.89	26.16	15.07	9.11	-9.33	-11.89	-3.13	-3.53	-4.97	7.94
MRBLD1FB87_SIN			0.00	-198.99	45.87	63.53	3.82	1.85	-2.50	-4.87	9.23	11.51	23.74	-10.50	-1.70	-0.67	-17.11	5.82
MRBLD1FB120_COS			-467.73	23.39	-246.34	1.58	-24.84	1.53	20.68	57.98	4.59	-8.37	-5.34	2.71	3.90	5.15	3.92	-13.47
MRBLD1FB120_SIN			0.00	-233.86	89.04	138.80	33.67	-9.22	-26.84	-28.17	9.68	-1.91	-11.30	1.70	-5.09	-2.38	25.23	-8.88
MRBLD1FB164_COS			-189.82	72.49	-341.79	74.19	143.27	70.72	-1.77	-85.06	-10.08	8.24	2.19	-3.35	-1.74	-1.02	0.19	5.20
MRBLD1FB164_SIN			0.00	-349.87	89.46	155.39	63.23	-17.09	22.38	30.91	-18.01	0.82	18.92	-6.85	-0.72	1.86	-10.70	5.41

RUN	POINT		Harmonics															
	48	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-244.92	16.93	-187.26	35.58	113.20	56.37	-25.98	-82.77	10.83	13.77	-26.57	-16.44	14.80	14.74	2.37	-17.55
MRBLD1FB180_SIN			0.00	-258.98	58.84	69.88	34.97	-8.73	29.42	39.92	-18.76	-8.25	42.49	-15.66	-6.90	-8.39	26.98	-10.91
MRBLD1TOR51_COS			-1456.66	90.68	3.07	96.48	-5.99	-29.21	-4.94	-27.03	9.08	5.85	-7.84	0.24	4.91	3.56	-4.47	-0.70
MRBLD1TOR51_SIN			0.00	-149.75	8.91	34.63	26.51	17.31	7.31	32.95	-4.00	-8.58	-3.37	-5.68	1.36	2.01	6.08	-6.88
MRBLD1TOR71_COS			-310.73	105.02	-7.01	73.31	2.05	-18.08	2.92	-13.36	7.69	2.54	-9.66	-0.39	4.49	4.65	-2.79	-0.92
MRBLD1TOR71_SIN			0.00	-146.31	4.05	15.05	14.90	14.43	9.58	35.85	4.17	-3.39	2.19	-6.00	0.29	1.27	3.07	-3.21
MRBLD1TOR130_COS			-84.88	94.05	14.18	50.17	16.55	-11.27	1.60	-13.83	5.42	2.34	4.26	-1.65	-0.40	-0.31	-2.25	-1.44
MRBLD1TOR130_SIN			0.00	-133.51	0.32	3.48	18.10	16.34	11.14	26.64	0.99	-1.52	4.43	9.45	3.04	0.38	-2.69	3.39
MRBLD1TOR164_COS			-257.39	53.13	62.87	16.37	-1.02	-17.33	-6.17	-1.83	5.33	2.91	-1.00	-0.09	2.04	3.06	-2.89	-1.35
MRBLD1TOR164_SIN			0.00	-72.69	-5.58	-23.79	-1.41	12.36	10.64	18.18	2.82	-1.46	4.62	4.90	2.74	0.47	-0.79	-2.63
MRFBM1CB26P5_COS			-4519.78	-580.99	-23.48	86.32	-0.78	-11.03	-1.02	-14.58	1.01	-0.82	6.33	-0.41	-0.68	-0.68	-5.39	-0.76
MRFBM1CB26P5_SIN			0.00	-71.01	4.13	-17.92	-17.10	-17.93	-10.98	-7.41	-8.58	-3.00	-1.29	3.98	1.27	1.31	2.31	-3.07
MRFBM1FB9_COS			397.11	-84.85	146.92	-100.51	19.12	16.17	9.01	12.88	-1.59	-2.60	-4.60	0.80	0.45	0.71	2.58	-1.20
MRFBM1FB9_SIN			0.00	-40.33	29.01	-91.04	-7.53	-5.25	3.59	7.73	5.87	1.85	1.38	-2.54	-1.11	-0.42	-0.61	1.86
MRFBM1TOR26P5_COS			-349.64	82.12	-0.70	0.56	-0.24	-0.06	0.05	-0.16	0.15	0.03	-0.15	0.05	0.03	-0.01	0.16	0.05
MRFBM1TOR26P5_SIN			0.00	-99.66	0.07	-0.09	0.34	-0.08	0.36	0.11	0.15	0.03	-0.08	-0.21	-0.01	0.06	0.04	0.00

RUN	POINT		Harmonics															
	48	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1199.62	-1265.00	-35.45	256.94	-12.81	-62.29	-46.85	-110.12	17.18	23.71	24.63	3.06	-6.15	-5.91	-30.78	-3.26
MRPC1CB33P25_SIN			0.00	9.94	-14.76	18.47	70.78	-4.72	3.29	-13.86	-54.51	-19.63	-64.94	47.55	12.11	9.06	28.86	-24.00
MRPC1FB33P25_COS			2281.10	131.01	-342.99	401.91	-113.85	-105.28	-106.13	-234.04	-31.71	18.80	109.33	13.57	7.29	-1.16	-75.98	-7.55
MRPC1FB33P25_SIN			0.00	144.09	-86.09	216.98	4.48	63.51	-10.50	-76.55	-115.24	-79.72	-31.25	67.43	26.55	23.75	57.75	-74.76
MRPC1TOR25P5_COS			-704.34	-73.26	-48.10	-94.20	2.53	19.46	-4.44	17.01	-10.92	-3.28	14.98	0.74	-7.59	-3.14	-9.29	-3.54
MRPC1TOR25P5_SIN			0.00	198.54	-64.04	-12.08	-26.97	-11.95	-9.59	-42.16	-3.84	5.29	-2.12	16.42	-1.31	-0.56	-4.25	-1.38
MRPLK1LOAD_COS			-72.94	-1.13	-2.91	-11.98	0.58	3.16	-0.13	3.71	-1.26	-0.61	2.29	-0.57	-0.96	-0.38	-1.66	-0.65
MRPLK1LOAD_SIN			0.00	-0.72	-3.32	-3.08	-3.21	-1.53	-1.36	-4.84	-0.12	0.51	0.45	2.35	-0.32	-0.26	-1.48	0.27
PITCHRH_COS			10719.06	-8597.01	-498.64	-47.08	-46.86	-666.18	-37.35	-2.98	199.13	-48.69	19.85	-75.45	20.52	-29.65	-4.61	-298.21
PITCHRH_SIN			0.00	2562.92	-705.03	93.77	7.65	182.81	108.34	141.87	39.75	-48.97	-168.03	23.92	18.48	73.49	-5.68	234.29
ROLLRH_COS			2076.31	-2056.72	691.91	-50.50	-121.86	-390.06	-184.30	-18.38	136.49	37.49	307.28	-56.17	-38.17	39.87	-46.02	-538.97
ROLLRH_SIN			0.00	-8528.69	-660.42	-18.82	137.42	221.48	-194.70	-3.96	40.27	-38.94	-33.70	-60.87	54.42	17.89	-30.91	-312.72
TORQ_COS			31312.56	436.34	-3.77	5.66	-124.54	72.07	0.01	25.21	-19.05	1.77	2.56	3.33	5.57	-1.58	0.93	-1.63
TORQ_SIN			0.00	652.80	-18.46	12.74	-146.78	88.67	-1.11	16.81	7.99	-3.95	1.99	1.67	-2.32	3.37	-9.47	-15.39
THRUST_COS			5873.62	-52.38	11.28	6.11	17.49	42.43	5.69	18.67	-3.58	-3.93	-25.81	2.52	3.94	0.50	2.13	14.32
THRUST_SIN			0.00	-114.05	4.34	8.43	40.89	-44.19	3.93	2.46	-2.01	1.58	22.15	-6.59	-0.05	-2.20	-7.79	40.85

RUN	POINT		Harmonics															
	48	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.11	3.24	-15.23	-2.29	-27.41	25.02	12.65	-2.30	-2.70	-1.81	-13.43	2.85	1.32	-1.26	0.92	15.86
SIDERH_SIN			0.00	224.91	13.53	1.36	-67.65	-51.37	9.40	-0.10	-1.06	2.60	2.05	3.89	-1.69	-0.36	0.59	9.03
DRAGRH_COS			-157.54	233.84	13.49	-0.46	-14.75	39.08	-19.70	-2.21	-2.56	2.07	6.46	6.54	-3.38	1.33	-0.75	13.07
DRAGRH_SIN			0.00	-71.25	16.84	-1.39	8.37	0.55	-28.46	5.00	5.01	2.21	11.57	-5.18	0.58	-2.88	-1.00	-10.63

RUN	POINT		Harmonics															
	48	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-0.13	-0.05	-0.11	-0.06	-0.02	0.00	0.02	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.44	0.02	0.02	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.41	-3.66	-1.52	-3.39	-1.96	-0.42	0.05	0.80	0.15	0.10	0.19	0.29	0.23	0.10	0.08	-0.08
ACT1FORCE_SIN			0.00	15.26	0.20	1.16	-0.31	-0.72	-0.69	-0.44	0.05	0.15	-0.06	0.08	0.11	0.02	0.06	0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.13	-0.02	0.01	0.06	0.06	0.03	0.00	0.00	-0.01	0.01	-0.01	-0.01	-0.02	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.07	-0.04	0.00	0.03	0.02	0.02	0.01	0.01	0.02	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.11	0.01	0.01	-0.05	-0.05	-0.04	0.00	-0.01	0.01	-0.02	0.01	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.03	0.09	0.06	0.03	0.00	-0.04	-0.01	-0.03	-0.01	-0.01	-0.02	-0.01	0.00	0.02
MRBLD1CB42P75_COS			-3475.56	-1557.83	90.75	185.70	19.10	-67.87	-64.08	-144.78	31.10	47.56	-5.03	20.82	-5.66	-6.54	-21.10	-4.46
MRBLD1CB42P75_SIN			0.00	1731.48	37.95	74.02	166.55	4.74	27.47	-1.52	-57.35	-21.74	-96.33	54.75	15.80	9.28	36.98	-22.24

RUN	POINT		Harmonics															
	48	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2776.86	-1005.30	326.02	92.97	67.52	-24.16	-59.86	-100.42	23.87	46.04	-16.00	21.33	-0.08	-2.83	-11.57	-5.10
MRBLD1CB70_SIN			0.00	1103.85	-16.50	108.14	300.14	45.16	60.21	24.93	-38.87	-14.77	-71.13	28.88	9.19	4.78	27.11	-28.31
MRBLD1CB120_COS			-577.31	-417.08	432.92	107.08	65.39	36.30	-27.26	-31.73	-29.87	-14.53	28.83	-2.56	7.55	6.91	-2.16	1.23
MRBLD1CB120_SIN			0.00	526.62	-128.59	26.63	272.41	70.12	65.55	24.92	-3.35	-2.04	56.05	-20.42	0.57	1.05	-3.64	-9.35
MRBLD1CB164_COS			-1959.57	-129.76	136.62	18.50	-15.92	24.43	17.21	36.24	-31.64	-26.45	29.08	-5.72	5.97	5.70	8.66	-1.26
MRBLD1CB164_SIN			0.00	176.78	-48.84	19.38	108.33	34.69	16.34	3.96	1.59	-12.04	58.34	-11.19	3.14	-1.58	-15.16	21.82
MRBLD1FB42P75_COS			2998.28	256.77	-367.66	516.97	-159.07	-83.02	-115.38	-320.46	-107.13	-43.19	57.90	61.51	29.48	22.65	24.32	-63.95
MRBLD1FB42P75_SIN			0.00	-475.25	13.60	126.84	85.34	114.85	41.02	61.75	-83.96	-75.64	-103.28	36.48	10.32	12.18	81.64	-26.96
MRBLD1FB70_COS			420.92	8.36	-183.45	143.67	-54.32	-18.20	-15.27	-47.81	-3.83	2.66	-1.46	-0.67	-2.43	-4.96	-4.48	14.94
MRBLD1FB70_SIN			0.00	-209.30	34.40	36.65	16.13	17.54	13.90	20.57	-6.21	0.49	2.39	2.27	2.51	-0.70	-18.27	4.46
MRBLD1FB87_COS			-63.65	33.55	-159.17	42.33	-52.67	-22.11	-1.40	30.84	16.77	10.82	-5.43	-13.14	-4.17	-4.40	-8.39	9.05
MRBLD1FB87_SIN			0.00	-211.47	55.84	58.50	10.11	1.67	-3.15	-6.66	8.23	10.25	24.10	-8.09	-0.99	0.08	-15.19	6.01
MRBLD1FB120_COS			-466.28	30.44	-245.77	6.61	-21.22	0.84	20.30	69.77	6.79	-8.36	-6.41	3.45	4.03	5.69	9.08	-15.12
MRBLD1FB120_SIN			0.00	-251.60	100.50	129.58	31.54	-11.27	-27.74	-31.71	10.77	-0.33	-9.90	1.28	-5.39	-3.29	22.72	-8.97
MRBLD1FB164_COS			-199.07	84.12	-330.81	78.13	158.34	70.68	-2.72	-101.17	-13.06	7.29	4.09	-4.47	-2.59	-1.99	-2.01	5.93
MRBLD1FB164_SIN			0.00	-386.52	112.13	147.91	41.91	-19.12	26.63	32.73	-19.91	-2.16	17.56	-5.99	-0.78	2.03	-9.75	5.78

RUN	POINT		Harmonics															
	48	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-252.57	23.90	-178.74	36.42	121.08	57.09	-25.74	-98.65	7.51	12.95	-20.27	-19.41	11.99	12.57	6.83	-20.80
MRBLD1FB180_SIN			0.00	-283.63	72.71	68.61	19.68	-11.42	31.79	42.62	-22.45	-11.20	43.26	-11.65	-7.57	-10.39	24.15	-9.47
MRBLD1TOR51_COS			-1467.09	98.52	12.65	93.31	-10.76	-30.08	-1.91	-36.34	7.26	5.27	-8.26	-0.73	4.96	4.06	-2.85	-0.75
MRBLD1TOR51_SIN			0.00	-148.61	16.55	28.52	28.70	16.65	6.12	33.61	-5.04	-8.64	-2.37	-6.08	0.28	1.33	6.51	-7.90
MRBLD1TOR71_COS			-317.95	112.27	-0.45	71.11	-0.83	-19.26	5.85	-19.75	6.52	2.17	-9.28	-1.91	4.15	4.62	-1.68	-0.93
MRBLD1TOR71_SIN			0.00	-163.31	10.63	10.56	15.01	14.07	8.29	36.70	3.85	-2.78	2.77	-6.19	-0.67	0.35	3.11	-3.79
MRBLD1TOR130_COS			-89.32	98.53	17.30	48.08	17.08	-12.50	3.98	-20.32	4.11	1.74	4.27	-1.01	-0.20	-0.62	-2.19	-1.93
MRBLD1TOR130_SIN			0.00	-143.70	4.47	1.45	15.33	16.35	11.09	26.86	-0.21	-1.23	3.43	9.55	3.29	0.48	-2.45	4.31
MRBLD1TOR164_COS			-258.89	54.27	63.58	14.29	-3.08	-17.22	-3.89	-3.76	5.26	2.49	-0.21	0.03	1.90	2.42	-2.57	-2.34
MRBLD1TOR164_SIN			0.00	-72.54	-6.32	-23.36	-0.75	12.64	10.48	18.61	2.20	-1.38	4.55	5.33	3.07	0.57	-0.02	-1.53
MRFBM1CB26P5_COS			-4521.09	-836.56	-12.48	81.30	-2.04	-12.05	-2.91	-17.31	0.90	-1.68	6.19	-0.46	-0.26	-0.12	-4.38	-0.71
MRFBM1CB26P5_SIN			0.00	766.08	33.65	-18.31	-12.93	-17.54	-9.09	-9.92	-7.61	-2.11	-3.56	4.17	1.57	1.71	2.85	-1.72
MRFBM1FB9_COS			363.24	-67.55	137.86	-100.88	23.97	15.60	8.19	15.45	-1.06	-2.47	-3.97	0.37	0.17	0.66	2.31	-1.18
MRFBM1FB9_SIN			0.00	-680.60	17.95	-86.01	-10.27	-5.36	3.99	8.98	5.91	2.14	1.65	-2.60	-1.25	-0.60	-1.07	2.09
MRFBM1TOR26P5_COS			-350.26	40.99	-0.60	0.00	0.01	-0.23	0.05	-0.04	0.04	0.15	-0.15	0.03	0.02	0.02	0.11	0.05
MRFBM1TOR26P5_SIN			0.00	-107.64	0.41	-0.20	0.49	0.17	0.06	0.29	0.07	-0.10	-0.01	-0.22	-0.02	0.04	0.06	-0.04

RUN	POINT		Harmonics															
	48	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1221.88	-1255.22	23.33	209.78	-7.48	-63.21	-50.77	-127.28	7.79	22.97	13.31	17.48	-1.24	-2.70	-20.17	-5.44
MRPC1CB33P25_SIN			0.00	1547.55	44.95	26.24	74.25	-2.43	9.49	-12.97	-58.24	-28.18	-57.86	41.87	13.73	10.65	33.83	-23.67
MRPC1FB33P25_COS			2250.20	238.65	-319.00	406.03	-155.85	-98.49	-106.51	-277.61	-41.54	7.53	100.51	22.12	12.15	4.72	-58.90	-14.69
MRPC1FB33P25_SIN			0.00	-269.82	-47.58	203.17	47.42	70.22	-9.25	-82.03	-116.85	-79.05	-46.19	65.88	28.96	27.16	71.65	-73.46
MRPC1TOR25P5_COS			-716.22	-89.96	-46.50	-77.97	5.42	25.64	-6.80	24.41	-7.98	-2.08	15.41	3.50	-6.98	-3.96	-8.73	-4.88
MRPC1TOR25P5_SIN			0.00	182.09	-37.47	-0.66	-18.79	-9.88	-4.91	-41.94	-2.17	7.57	-2.48	16.64	1.69	0.90	-2.22	2.54
MRPLK1LOAD_COS			-70.88	-14.19	-4.80	-10.48	1.16	3.74	-0.38	4.23	-1.16	-0.71	2.24	-0.07	-0.86	-0.50	-1.40	-0.88
MRPLK1LOAD_SIN			0.00	3.45	-5.08	-2.06	-3.41	-2.36	-1.06	-5.24	0.03	1.18	0.19	2.51	0.03	-0.19	-1.26	0.66
PITCHRH_COS			10840.67	-8645.65	-452.33	-18.30	-79.99	-631.84	-24.47	26.71	216.89	-45.75	10.04	-85.46	26.13	27.09	-7.06	-266.94
PITCHRH_SIN			0.00	2600.14	-632.94	121.56	-1.39	343.87	16.01	137.92	-48.20	-24.48	-207.29	17.25	5.90	75.86	-2.22	286.01
ROLLRH_COS			13735.85	-2216.17	594.46	-31.37	-75.97	-543.62	-99.27	-10.60	155.78	25.51	331.81	-45.10	-29.00	46.39	-48.67	-622.16
ROLLRH_SIN			0.00	-8547.27	-582.83	7.24	88.59	172.30	-216.65	-27.74	54.56	-27.69	-45.49	-55.97	48.06	-21.16	-25.43	-265.50
TORQ_COS			31448.37	305.80	0.99	6.23	-124.88	74.57	1.25	24.04	-14.89	0.23	2.25	2.64	1.50	-2.12	-0.39	-11.48
TORQ_SIN			0.00	642.47	-31.52	7.45	-120.83	82.13	-5.31	19.16	1.65	-7.84	3.39	1.69	-5.50	4.20	-7.62	-15.08
THRUST_COS			5774.36	-62.42	12.02	6.83	19.75	38.66	5.47	19.86	-3.01	-3.24	-25.61	3.29	2.30	-1.47	0.89	20.46
THRUST_SIN			0.00	-104.25	3.90	7.77	40.94	-47.30	4.97	-0.05	-1.10	0.59	24.89	-6.67	-0.44	-2.72	-9.48	44.59

RUN	POINT		Harmonics															
	48	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-68.98	18.31	-13.00	-1.48	-33.52	34.68	10.46	-3.02	-3.53	-1.16	-14.37	2.34	0.73	-1.49	1.09	18.28
SIDERH_SIN			0.00	222.60	12.43	0.92	-56.68	-57.90	10.95	0.61	-1.02	1.47	2.34	3.57	-1.63	0.95	0.53	7.78
DRAGRH_COS			-155.00	234.89	13.01	-2.22	-9.79	24.57	-11.80	-1.11	-0.55	2.85	6.37	7.06	-1.93	-1.79	-0.86	12.48
DRAGRH_SIN			0.00	-73.63	15.92	-1.37	10.40	10.42	-22.14	5.75	5.28	1.34	12.33	-4.34	0.64	-2.25	-1.25	-13.14

RUN	POINT		Harmonics															
	48	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.35	-0.12	-0.03	-0.11	-0.05	-0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.38	0.04	0.01	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.58	-3.59	-0.97	-3.55	-1.75	-0.39	0.24	0.60	0.16	0.05	0.28	0.30	0.17	0.10	0.09	-0.04
ACT1FORCE_SIN			0.00	13.44	0.69	1.01	-0.57	-0.62	-0.54	-0.31	0.02	0.05	-0.10	0.13	0.15	-0.02	0.05	0.11
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.11	-0.03	0.02	0.07	0.05	0.03	0.00	0.00	0.00	0.01	-0.01	-0.02	-0.02	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.03	0.00	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.10	0.01	0.01	-0.05	-0.05	-0.03	0.00	-0.01	0.00	-0.01	0.02	0.01	0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.03	0.09	0.04	0.03	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-3398.06	-1198.48	2.10	217.15	-12.63	-75.78	-54.82	-135.39	42.45	37.74	14.64	-0.92	-10.83	-10.59	-38.98	-2.15
MRBLD1CB42P75_SIN			0.00	-1623.75	-61.21	90.28	144.03	0.74	16.55	12.25	-53.18	-3.50	-86.81	53.57	12.05	9.67	33.28	-29.30

RUN	POINT		Harmonics															
	48	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2827.55	-719.66	272.93	120.19	21.04	-50.31	-62.32	-90.50	28.08	39.28	1.55	6.22	-3.48	-3.32	-23.92	-2.45
MRBLD1CB70_SIN			0.00	-1015.77	-59.80	122.49	286.87	44.60	47.49	36.28	-32.14	-0.38	-65.18	30.78	6.39	6.13	27.97	-29.28
MRBLD1CB120_COS			-565.21	-291.95	410.13	123.68	31.81	3.95	-33.18	-20.75	-34.06	-5.40	16.28	6.51	6.92	7.27	-0.60	2.98
MRBLD1CB120_SIN			0.00	-304.09	-130.62	33.15	254.37	71.44	51.45	36.64	1.64	-8.33	55.03	-18.54	2.22	1.06	-4.00	-7.73
MRBLD1CB164_COS			-1956.87	-109.31	134.05	18.11	-28.42	10.31	12.04	38.83	-34.27	-14.43	14.92	3.34	5.90	3.92	14.82	-4.34
MRBLD1CB164_SIN			0.00	-6.77	-46.09	24.15	96.65	36.39	12.53	4.34	3.01	-19.03	56.70	-9.79	5.64	-0.84	-14.43	21.02
MRBLD1FB42P75_COS			3018.54	155.12	-438.67	494.15	-128.12	-76.16	-105.70	-281.91	-90.24	-26.26	73.01	52.65	29.42	21.14	0.65	-63.53
MRBLD1FB42P75_SIN			0.00	407.18	-66.74	187.86	-1.61	119.31	30.05	94.44	-90.56	-78.21	-85.10	40.19	17.10	21.88	103.94	-42.06
MRBLD1FB70_COS			426.20	-2.31	-199.87	138.14	-47.72	-17.06	-13.21	-41.06	-1.74	3.09	-0.82	-0.95	-3.05	-4.75	0.92	15.14
MRBLD1FB70_SIN			0.00	-202.49	0.04	56.61	-13.69	18.06	10.02	24.98	-7.25	0.93	2.09	2.91	2.36	-2.28	-22.00	9.27
MRBLD1FB87_COS			-62.13	24.18	-164.12	35.25	-51.16	-22.42	-3.16	26.51	14.34	7.66	-9.65	-10.25	-3.66	-4.15	-3.96	8.68
MRBLD1FB87_SIN			0.00	-190.80	34.19	70.98	-2.19	2.78	-2.06	-10.00	9.09	10.74	20.98	-9.80	-2.19	-2.00	-20.85	7.66
MRBLD1FB120_COS			-461.07	17.67	-246.84	-4.29	-25.61	1.64	18.91	59.76	3.66	-8.00	-4.61	2.43	5.10	6.71	3.50	-13.83
MRBLD1FB120_SIN			0.00	-224.99	74.09	144.77	36.04	-9.57	-21.19	-38.45	11.21	-1.69	-10.27	1.49	-4.21	-0.32	29.93	-11.78
MRBLD1FB164_COS			-182.88	72.25	-353.87	77.60	148.94	69.92	3.30	-85.94	-8.64	8.17	0.00	-3.65	-1.86	-1.56	0.63	5.37
MRBLD1FB164_SIN			0.00	-320.85	64.47	160.46	83.46	-22.73	16.05	46.35	-19.84	1.22	17.75	-6.32	-1.81	0.31	-13.55	5.65

RUN	POINT		Harmonics															
	48	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-240.91	17.61	-197.70	39.88	118.11	54.77	-23.11	-84.43	12.21	12.69	-27.60	-14.51	13.72	15.72	2.02	-18.26
MRBLD1FB180_SIN			0.00	-237.38	44.45	70.52	47.51	-9.96	22.82	51.62	-19.30	-6.11	40.43	-12.10	-6.79	-5.88	33.08	-12.96
MRBLD1TOR51_COS			-1454.84	80.96	-6.25	91.37	-9.78	-30.70	-1.51	-29.88	7.46	4.97	-7.16	0.71	4.40	2.94	-6.01	0.55
MRBLD1TOR51_SIN			0.00	-154.13	-0.01	48.33	21.95	11.73	4.53	44.96	-3.34	-8.12	-3.59	-4.69	1.52	2.45	6.14	-8.08
MRBLD1TOR71_COS			-309.81	96.31	-12.47	69.92	-0.89	-19.03	5.47	-14.84	6.14	2.10	-8.68	0.12	3.89	4.23	-3.23	0.16
MRBLD1TOR71_SIN			0.00	-133.18	-3.44	25.73	12.76	9.00	7.47	44.83	4.18	-3.45	0.84	-5.16	-0.03	1.12	2.91	-4.02
MRBLD1TOR130_COS			-85.33	88.80	12.43	50.14	12.73	-13.08	3.99	-14.47	4.99	2.43	4.29	-1.52	-0.58	-0.21	-1.19	-1.95
MRBLD1TOR130_SIN			0.00	-127.32	-4.98	9.92	19.54	10.77	7.72	34.13	1.63	-0.64	4.35	8.97	3.20	0.33	-2.39	4.02
MRBLD1TOR164_COS			-258.24	50.01	64.06	17.64	-3.13	-18.90	-6.15	-1.60	6.23	3.20	-0.97	-0.53	1.54	2.80	-3.08	-1.92
MRBLD1TOR164_SIN			0.00	-74.73	-5.13	-21.73	-2.65	11.10	8.20	19.72	3.46	-0.22	5.37	5.23	2.78	1.01	0.75	-1.43
MRFBM1CB26P5_COS			-4459.69	-419.60	-39.53	91.69	-1.08	-11.13	2.89	-17.57	2.73	-1.99	6.84	-1.57	0.15	-1.29	-5.58	0.16
MRFBM1CB26P5_SIN			0.00	-919.99	-2.43	-15.77	-15.05	-17.27	-9.02	-7.79	-8.61	-2.26	-2.44	3.88	0.89	2.11	1.61	-2.85
MRFBM1FB9_COS			381.98	-2.88	157.54	-90.34	19.20	17.05	7.94	14.95	-1.86	-2.32	-4.00	1.00	0.60	0.98	3.25	-1.51
MRFBM1FB9_SIN			0.00	582.27	49.71	-98.58	-3.96	-5.25	4.15	6.56	5.74	1.72	0.52	-2.27	-1.16	-0.49	-0.25	1.95
MRFBM1TOR26P5_COS			-348.05	120.05	-1.33	0.82	-0.30	0.21	-0.12	0.02	-0.04	0.12	-0.23	0.16	0.00	0.04	0.11	0.03
MRFBM1TOR26P5_SIN			0.00	-92.48	-0.25	0.50	-0.33	0.15	0.23	0.24	0.15	-0.04	-0.05	-0.24	0.04	0.02	0.08	-0.05

RUN	POINT		Harmonics															
	48	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1165.36	-1149.15	-79.05	242.37	-25.30	-60.23	-36.05	-117.09	18.20	21.32	21.39	2.05	-3.94	-5.74	-35.60	-1.16
MRPC1CB33P25_SIN			0.00	-1346.39	-44.76	44.22	48.71	-4.46	-0.22	2.07	-52.17	-13.93	-50.16	39.87	12.31	10.22	31.02	-30.38
MRPC1FB33P25_COS			2283.14	47.21	-376.61	375.69	-105.68	-97.61	-95.11	-260.52	-25.81	23.19	102.21	12.55	7.83	-4.21	-91.88	0.84
MRPC1FB33P25_SIN			0.00	532.29	-143.86	245.73	-23.21	76.33	-14.77	-40.00	-112.70	-71.43	-24.76	63.26	32.36	32.36	64.78	-82.16
MRPC1TOR25P5_COS			-677.30	-48.45	-45.37	-88.88	13.30	21.97	-3.62	20.47	-6.24	0.33	15.65	0.27	-6.25	-2.99	-8.03	-3.96
MRPC1TOR25P5_SIN			0.00	219.94	-88.80	-34.76	-28.05	-9.60	-6.46	-54.89	-4.60	7.38	0.17	15.98	-1.04	-0.09	-3.30	-0.74
MRPLK1LOAD_COS			-73.22	10.64	-1.90	-11.66	1.18	2.76	-0.50	3.66	-0.84	-0.37	2.12	-0.48	-0.99	-0.29	-1.19	-0.55
MRPLK1LOAD_SIN			0.00	-3.71	-1.46	-5.55	-2.52	-0.95	-1.01	-6.43	-0.30	1.02	0.65	2.10	-0.33	-0.41	-1.34	0.43
PITCHRH_COS			9263.22	-8760.07	-478.11	-12.70	-45.78	-707.72	-90.18	-16.87	165.84	11.73	53.96	-38.52	7.30	-7.54	-10.28	-307.67
PITCHRH_SIN			0.00	2525.98	-597.83	88.95	20.75	98.20	174.60	161.08	-2.06	-55.15	-179.78	15.82	19.34	72.00	24.53	246.97
ROLLRH_COS			-9263.83	-2003.86	669.57	-34.03	-139.83	-402.44	-198.35	-9.03	132.97	63.38	317.46	-55.07	-46.91	48.98	-46.08	-577.07
ROLLRH_SIN			0.00	-8724.03	-668.61	-39.27	129.25	66.80	-192.06	-17.53	4.56	51.87	-44.22	-43.27	22.58	-13.48	-54.58	-352.00
TORQ_COS			32325.86	544.87	3.88	4.17	-104.29	79.90	-2.86	30.16	-18.83	0.78	3.86	-0.02	2.82	-1.92	-1.53	-5.94
TORQ_SIN			0.00	556.68	-21.71	16.96	-158.37	91.32	-0.33	23.17	4.44	-5.72	5.53	5.65	-3.98	3.12	-5.02	-17.38
THRUST_COS			5825.51	-41.00	10.24	4.59	13.23	42.85	5.97	23.25	-2.91	-4.46	-26.15	2.01	3.10	0.76	6.13	11.16
THRUST_SIN			0.00	-118.29	4.80	5.69	44.77	-45.94	2.93	2.15	-2.48	-0.07	22.43	-5.26	1.43	-1.75	-8.00	42.54

RUN	POINT		Harmonics															
	48	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-256.63	1.86	-13.70	-2.40	-22.56	33.75	13.01	-1.76	-2.27	-3.40	-13.70	3.13	1.49	-1.50	0.96	17.51
SIDERH_SIN			0.00	234.02	12.48	1.87	-78.03	-42.92	10.99	-0.59	-0.18	-1.93	2.31	2.99	-0.60	0.59	1.55	10.38
DRAGRH_COS			-168.34	239.26	8.76	-0.10	-15.47	27.08	-14.48	-4.19	-0.54	-2.01	4.21	4.59	-1.48	-0.26	-0.92	14.43
DRAGRH_SIN			0.00	-68.47	10.03	-1.00	5.52	1.95	-36.47	5.83	3.18	1.19	12.00	-4.91	-0.51	-2.53	-2.76	-11.59

RUN	POINT		Harmonics															
	48	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.37	-0.13	-0.04	-0.11	-0.05	-0.02	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.41	0.03	0.01	-0.05	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.03	-3.84	-1.21	-3.46	-1.89	-0.42	0.20	0.58	0.15	0.07	0.22	0.30	0.18	0.12	0.09	-0.02
ACT1FORCE_SIN			0.00	14.32	0.39	1.03	-0.58	-0.66	-0.57	-0.28	0.00	0.04	-0.13	0.11	0.12	0.00	0.00	0.11
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.12	-0.03	0.01	0.07	0.05	0.03	0.00	0.00	0.00	0.01	-0.01	-0.02	-0.01	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.06	-0.03	0.00	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.11	0.01	0.01	-0.05	-0.05	-0.03	0.00	-0.01	0.00	-0.01	0.01	0.01	0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.04	0.03	0.09	0.05	0.03	-0.01	-0.03	-0.01	-0.02	-0.02	-0.01	-0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-3438.24	-1673.73	21.08	217.74	-1.32	-69.44	-55.45	-116.85	33.80	43.81	5.45	5.87	-4.99	-4.42	-29.86	-6.31
MRBLD1CB42P75_SIN			0.00	-224.95	-35.02	70.49	158.89	5.71	17.73	1.29	-50.15	-5.86	-84.91	46.15	15.85	12.67	47.44	-31.55

RUN	POINT		Harmonics															
	48	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2805.53	-1043.68	277.48	121.46	35.17	-37.95	-62.77	-77.62	22.63	43.63	-4.58	8.85	-1.12	-0.84	-16.61	-7.56
MRBLD1CB70_SIN			0.00	-125.71	-53.44	102.35	297.38	50.93	40.28	25.99	-29.02	-1.74	-60.71	24.54	9.10	5.57	37.05	-32.03
MRBLD1CB120_COS			-569.83	-425.11	409.65	127.24	37.84	19.46	-34.11	-12.49	-30.94	-10.28	21.04	4.27	6.43	6.30	-2.34	1.46
MRBLD1CB120_SIN			0.00	47.54	-135.39	17.44	253.71	76.70	33.45	24.86	1.88	-8.96	51.58	-14.60	1.17	0.18	-4.65	-9.23
MRBLD1CB164_COS			-1957.01	-135.12	131.60	21.90	-26.59	15.50	9.58	36.31	-30.83	-20.66	19.13	2.27	5.89	3.95	12.41	0.12
MRBLD1CB164_SIN			0.00	71.18	-48.15	17.12	96.91	39.12	4.31	4.17	2.48	-18.92	51.55	-4.75	5.58	0.80	-17.80	25.07
MRBLD1FB42P75_COS			2991.28	285.66	-395.90	493.98	-163.83	-70.35	-97.42	-247.07	-90.05	-34.19	57.45	59.33	35.90	31.36	29.68	-81.25
MRBLD1FB42P75_SIN			0.00	22.18	-17.12	134.34	-14.43	123.31	29.88	52.01	-75.97	-71.93	-88.98	32.91	12.20	19.34	107.30	-35.93
MRBLD1FB70_COS			419.58	5.25	-188.25	139.08	-57.34	-15.34	-12.29	-36.39	-2.31	3.28	-0.90	-1.15	-3.34	-6.35	-5.25	18.52
MRBLD1FB70_SIN			0.00	-209.27	17.17	37.96	-15.25	18.73	9.04	16.40	-6.22	0.87	2.13	2.72	2.95	-1.61	-23.16	7.16
MRBLD1FB87_COS			-65.12	32.26	-157.45	38.19	-54.09	-21.72	-3.52	22.57	13.92	8.88	-6.12	-11.68	-5.36	-5.96	-9.48	12.78
MRBLD1FB87_SIN			0.00	-202.20	44.29	59.79	-2.51	1.99	-2.49	-6.65	6.44	9.14	20.75	-8.14	-1.62	-1.83	-21.37	7.13
MRBLD1FB120_COS			-466.06	25.45	-244.59	-1.17	-24.00	-0.32	18.39	53.33	4.91	-7.95	-5.70	2.87	4.99	7.85	10.45	-20.75
MRBLD1FB120_SIN			0.00	-239.69	87.19	134.25	38.39	-8.90	-18.91	-24.90	11.26	-0.22	-9.11	1.61	-4.54	-1.37	30.78	-10.97
MRBLD1FB164_COS			-201.54	83.83	-340.59	75.54	157.95	66.26	1.10	-74.93	-7.59	8.50	4.25	-2.85	-0.99	-1.06	-2.16	9.62
MRBLD1FB164_SIN			0.00	-355.80	87.10	145.97	79.69	-25.15	13.44	27.33	-19.07	-0.51	16.61	-5.35	-1.20	0.55	-13.58	6.93

RUN	POINT		Harmonics															
	48	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-255.72	23.65	-188.99	36.36	120.51	53.55	-23.92	-76.08	12.06	16.65	-17.43	-14.59	13.11	17.20	11.72	-26.37
MRBLD1FB180_SIN			0.00	-261.11	58.66	66.09	44.22	-11.18	22.63	37.32	-18.04	-6.86	40.54	-8.03	-4.07	-5.98	34.09	-12.17
MRBLD1TOR51_COS			-1464.29	86.17	4.60	94.13	-11.59	-31.17	2.18	-24.06	6.02	5.31	-6.22	0.36	3.95	3.14	-4.22	-0.75
MRBLD1TOR51_SIN			0.00	-155.92	6.53	39.00	22.77	12.31	5.49	34.88	-1.74	-7.90	-2.70	-4.06	1.92	3.06	8.74	-9.82
MRBLD1TOR71_COS			-316.53	104.51	-4.37	71.69	-1.67	-20.16	8.58	-11.36	5.35	2.41	-7.52	-0.45	3.37	4.07	-2.56	-0.75
MRBLD1TOR71_SIN			0.00	-149.61	1.94	19.33	13.25	9.09	8.24	36.60	5.44	-3.22	1.69	-4.24	0.28	1.40	4.09	-5.06
MRBLD1TOR130_COS			-90.38	92.77	16.58	50.24	14.65	-14.15	5.76	-11.08	4.20	2.24	4.34	-0.63	0.10	0.03	-1.95	-1.84
MRBLD1TOR130_SIN			0.00	-137.80	-2.04	7.21	19.87	11.37	8.87	27.04	2.09	-1.37	3.35	9.39	3.22	0.39	-2.96	5.05
MRBLD1TOR164_COS			-259.27	49.96	64.92	16.99	-3.00	-18.49	-4.98	-1.51	5.44	3.37	-0.51	-0.48	1.79	3.05	-3.20	-2.60
MRBLD1TOR164_SIN			0.00	-75.56	-7.03	-20.50	-2.78	12.22	9.31	17.19	3.40	-0.30	5.30	5.75	2.54	0.65	0.94	-1.54
MRFBM1CB26P5_COS			-4496.70	-716.57	-30.92	82.79	-0.17	-9.57	0.80	-13.42	0.74	-0.69	4.93	0.23	0.38	-0.06	-5.44	-0.41
MRFBM1CB26P5_SIN			0.00	-186.22	3.23	-14.69	-13.41	-15.24	-7.99	-6.90	-8.30	-2.94	-2.93	3.49	1.69	2.51	3.48	-3.87
MRFBM1FB9_COS			342.55	49.51	148.61	-95.65	21.26	15.40	6.93	12.27	-1.29	-2.34	-3.80	0.38	0.20	0.72	3.10	-1.47
MRFBM1FB9_SIN			0.00	-20.06	30.75	-86.76	0.02	-6.74	3.75	6.64	5.20	1.53	1.06	-2.27	-1.47	-0.90	-1.48	2.54
MRFBM1TOR26P5_COS			-353.17	81.92	-0.63	0.59	-0.35	-0.08	0.12	-0.14	0.16	0.02	-0.11	0.04	0.01	-0.01	0.17	0.04
MRFBM1TOR26P5_SIN			0.00	-99.06	0.21	0.04	0.31	-0.15	0.33	0.11	0.17	0.02	-0.02	-0.19	0.02	0.07	0.05	-0.02

RUN	POINT		Harmonics															
	48	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1193.07	-1511.07	-51.99	247.28	-19.91	-59.41	-37.32	-102.30	12.86	23.81	17.14	7.07	0.66	-0.25	-28.37	-6.02
MRPC1CB33P25_SIN			0.00	-162.08	-21.15	21.79	63.36	-0.42	2.85	-10.69	-50.67	-16.65	-52.17	37.50	14.55	14.21	42.78	-33.38
MRPC1FB33P25_COS			2257.15	210.72	-346.81	384.53	-135.76	-92.99	-89.57	-215.87	-32.77	14.36	92.41	21.71	16.05	4.48	-77.44	-15.58
MRPC1FB33P25_SIN			0.00	185.46	-82.01	203.81	-41.02	83.40	-13.76	-59.35	-100.89	-71.48	-35.22	61.51	33.64	38.14	92.69	-94.04
MRPC1TOR25P5_COS			-697.74	-62.60	-54.71	-91.54	6.34	21.47	-11.59	14.13	-7.23	-2.00	12.00	1.03	-5.04	-1.82	-9.91	-5.15
MRPC1TOR25P5_SIN			0.00	211.34	-53.78	-15.75	-22.55	-4.66	-6.86	-43.09	-4.86	5.51	-0.65	13.90	-0.83	-0.39	-3.20	1.20
MRPLK1LOAD_COS			-72.68	-1.54	-3.12	-11.54	1.53	3.49	-1.09	3.36	-0.80	-0.50	1.91	-0.52	-0.64	-0.29	-1.75	-0.83
MRPLK1LOAD_SIN			0.00	-0.40	-2.99	-3.76	-2.79	-0.74	-0.99	-5.06	-0.38	0.57	0.38	2.07	-0.40	-0.37	-1.60	0.72
PITCHRH_COS			8453.23	-8761.89	-457.87	-12.44	-35.48	-817.49	-39.42	6.68	200.12	-45.07	53.26	-59.28	7.95	5.25	4.61	-291.69
PITCHRH_SIN			0.00	2529.99	-670.64	58.75	4.12	149.67	74.51	162.12	39.59	-47.85	-193.72	31.29	37.57	120.20	4.03	263.76
ROLLRH_COS			1624.11	-2040.68	708.44	-43.91	-78.70	-314.05	-112.47	13.78	144.72	48.23	311.24	-61.65	-29.68	105.84	-67.80	-612.39
ROLLRH_SIN			0.00	-8661.73	-673.32	-29.41	109.15	-107.92	-213.56	-2.52	36.03	-4.71	-65.03	-46.53	28.19	-21.20	-41.67	-314.14
TORQ_COS			31611.74	419.14	-1.62	13.14	-103.22	74.83	-0.17	23.75	-17.30	-0.23	7.08	3.40	6.07	-3.06	-0.30	-6.28
TORQ_SIN			0.00	609.89	-24.00	13.19	-180.41	93.28	-0.41	23.32	8.03	-4.76	6.45	1.28	-7.76	3.04	-6.98	-13.23
THRUST_COS			5723.44	-49.32	10.58	8.53	12.59	39.88	4.41	20.90	-4.30	-4.01	-20.32	2.11	3.58	-1.91	5.20	16.11
THRUST_SIN			0.00	-110.81	5.16	6.44	45.69	-49.48	5.78	5.08	-2.57	0.43	28.56	-6.23	-0.95	-3.47	-10.22	47.08

RUN	POINT		Harmonics															
	48	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-166.22	7.37	-15.47	-2.10	-25.79	36.67	7.99	-2.07	-2.63	-2.60	-13.50	3.43	1.11	-3.35	1.40	17.80
SIDERH_SIN			0.00	230.55	14.33	1.74	-65.10	-30.07	10.63	0.21	-0.48	0.81	2.97	3.28	-0.69	0.84	1.12	8.91
DRAGRH_COS			-172.70	239.56	10.43	-0.33	-12.86	11.55	-20.23	-2.40	-1.11	1.89	2.89	5.18	-1.94	-1.20	-1.40	13.36
DRAGRH_SIN			0.00	-69.50	15.08	-1.00	6.70	-3.12	-26.20	2.06	3.77	1.85	11.99	-6.11	-0.44	-5.22	-1.91	-12.05

RUN	POINT		Harmonics															
	48	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.43	-0.12	-0.07	-0.11	-0.06	-0.01	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
FLAP1C_SIN			0.00	0.39	0.05	0.00	-0.05	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.37	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-1.82	-3.41	-2.08	-3.19	-1.86	0.21	0.18	0.79	0.06	-0.04	0.13	0.29	0.10	0.13	-0.03	0.00
ACT1FORCE_SIN			0.00	13.40	1.28	0.58	-0.82	-0.38	-0.60	0.11	-0.06	0.06	0.02	0.09	0.14	0.06	0.04	0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			653.97	-0.10	-0.02	0.01	0.06	0.03	0.04	-0.01	0.01	0.00	0.01	-0.02	-0.02	-0.01	0.00	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.03	-0.04	-0.09	-0.06	0.00	0.01	0.04	0.02	0.01	0.01	0.01	-0.01	0.02	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			151.25	0.13	0.03	0.00	-0.06	-0.03	-0.04	0.01	0.00	0.01	-0.01	0.02	0.02	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	0.06	0.05	0.10	0.06	0.00	0.00	-0.03	-0.01	-0.01	-0.01	-0.01	0.01	-0.02	0.00	0.00
MRBLD1CB42P75_COS			-3321.99	-2143.59	101.39	183.80	5.42	-76.74	-89.06	-175.20	72.92	65.52	37.69	4.11	-11.09	-4.07	-5.91	-15.30
MRBLD1CB42P75_SIN			0.00	-457.45	-63.36	132.68	40.55	-1.56	55.37	-119.98	-36.24	2.12	-100.75	68.50	15.46	-1.96	29.83	-35.72

RUN	POINT		Harmonics															
	48	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2866.38	-1357.73	295.23	83.63	67.56	-15.78	-85.69	-135.95	53.84	63.39	28.67	6.55	-4.17	-2.25	6.56	-19.05
MRBLD1CB70_SIN			0.00	-287.56	-69.54	143.71	157.68	35.92	40.27	-57.52	-25.21	4.32	-51.69	43.47	10.16	-6.30	21.03	-33.61
MRBLD1CB120_COS			-614.90	-563.66	375.07	79.79	31.84	67.37	-30.85	-38.24	-36.66	-28.97	-4.50	2.22	10.27	9.07	0.72	1.51
MRBLD1CB120_SIN			0.00	-18.86	-138.40	47.79	117.08	71.07	-10.06	1.09	-7.85	-14.35	60.64	-24.42	0.61	4.19	-0.24	-7.30
MRBLD1CB164_COS			-1952.73	-170.06	113.70	6.70	-33.72	41.21	32.21	38.62	-47.49	-40.29	-9.81	4.18	9.04	5.12	-4.98	4.53
MRBLD1CB164_SIN			0.00	45.66	-42.18	29.64	40.70	37.43	-20.18	38.23	-10.58	-27.54	39.47	-19.23	2.46	7.07	-10.15	26.43
MRBLD1FB42P75_COS			2888.47	445.86	-321.58	456.68	-426.60	-64.65	-152.09	-424.03	-69.28	-57.78	-1.93	57.39	19.08	17.90	36.10	-86.93
MRBLD1FB42P75_SIN			0.00	45.11	-17.60	256.69	-176.47	160.88	86.96	-152.37	-90.31	-68.76	-124.17	42.45	11.61	-4.05	47.24	-23.95
MRBLD1FB70_COS			404.53	17.83	-154.94	118.80	-132.61	-13.60	-23.25	-70.47	3.31	4.75	-0.32	-0.85	-0.07	-2.48	-7.95	18.84
MRBLD1FB70_SIN			0.00	-217.48	20.91	83.98	-72.15	30.98	23.19	-19.30	-5.84	3.54	3.10	2.14	2.78	3.56	-8.92	4.09
MRBLD1FB87_COS			-60.43	47.04	-134.58	25.69	-82.80	-20.05	-1.27	35.89	11.31	13.48	5.26	-12.72	-2.37	-1.42	-8.20	13.87
MRBLD1FB87_SIN			0.00	-203.91	50.62	83.27	-24.82	4.62	-3.74	12.01	7.56	9.42	29.85	-11.46	-2.69	2.10	-7.03	7.72
MRBLD1FB120_COS			-412.37	39.46	-210.59	-0.80	-16.24	2.23	35.03	103.27	-2.38	-9.18	-6.72	4.03	0.13	0.56	9.80	-20.79
MRBLD1FB120_SIN			0.00	-231.32	87.52	151.44	47.14	-16.62	-35.68	25.33	11.27	-5.44	-13.93	5.71	-1.90	-8.81	7.85	-11.44
MRBLD1FB164_COS			-353.15	140.84	-302.78	90.12	275.97	90.47	-20.97	-137.09	0.64	9.02	7.06	-4.29	1.04	1.82	0.40	11.51
MRBLD1FB164_SIN			0.00	-429.10	65.95	143.40	161.78	-30.19	16.43	-50.65	-11.71	6.30	22.63	-11.82	-6.86	3.82	1.48	11.95

RUN	POINT		Harmonics															
	48	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-421.70	51.89	-166.17	29.70	184.52	86.31	-33.79	-148.59	14.89	33.14	7.77	-22.57	6.52	10.48	13.54	-25.52
MRBLD1FB180_SIN			0.00	-332.24	48.76	67.28	82.91	-11.38	41.72	-28.63	-14.07	-6.29	50.89	-20.31	-10.40	-16.57	4.38	-13.54
MRBLD1TOR51_COS			-1706.57	94.58	49.97	96.49	-27.26	-40.08	-2.70	-67.76	4.91	7.68	-0.45	0.64	3.89	6.74	2.91	-0.18
MRBLD1TOR51_SIN			0.00	-303.48	3.62	64.08	16.35	4.14	30.96	1.08	-3.86	-8.01	1.44	-7.36	-1.82	-0.85	6.91	-7.46
MRBLD1TOR71_COS			-544.52	117.97	35.71	74.73	-10.28	-29.42	6.00	-47.58	2.36	3.12	-3.31	0.13	3.68	5.11	2.02	1.23
MRBLD1TOR71_SIN			0.00	-287.09	0.47	37.14	17.49	0.19	29.26	17.28	3.55	-3.31	6.77	-7.31	-1.42	-0.70	2.46	-3.02
MRBLD1TOR130_COS			-324.06	103.05	53.51	58.00	15.83	-21.37	3.44	-39.59	3.42	-0.86	4.42	-1.82	0.38	-1.55	-4.12	-2.36
MRBLD1TOR130_SIN			0.00	-281.07	-6.02	19.18	34.68	0.99	24.93	8.05	2.30	-2.89	-0.54	9.96	4.04	2.25	-3.19	2.75
MRBLD1TOR164_COS			-421.53	47.46	82.05	18.61	-11.42	-23.38	-9.38	-15.34	6.48	4.03	-0.45	-2.90	0.53	1.76	-1.01	-3.43
MRBLD1TOR164_SIN			0.00	-173.30	-9.15	-18.02	-11.51	11.00	17.45	11.57	3.08	-0.70	5.15	5.25	2.53	0.49	-0.98	-2.67
MRFBM1CB26P5_COS			-4376.99	-991.93	8.37	80.14	-1.02	-18.05	-2.10	-13.81	2.23	-2.29	2.65	0.20	-0.47	1.38	-3.16	0.34
MRFBM1CB26P5_SIN			0.00	-361.91	-4.22	3.53	-9.03	-19.99	1.63	-19.52	-3.84	-4.52	-11.19	3.05	0.13	1.28	2.54	-3.73
MRFBM1FB9_COS			261.63	326.41	88.81	-77.53	42.53	16.24	9.11	12.05	-2.83	-2.42	-4.81	0.77	0.24	-0.02	1.16	-1.03
MRFBM1FB9_SIN			0.00	31.28	27.58	-113.50	32.26	-10.17	0.86	22.44	4.81	1.48	2.48	-2.58	-0.73	-0.27	-1.45	3.19
MRFBM1TOR26P5_COS			-355.76	83.84	-0.26	0.57	-0.09	-0.13	0.29	-0.40	0.15	0.26	-0.08	0.13	0.01	-0.01	0.15	0.04
MRFBM1TOR26P5_SIN			0.00	-99.84	0.65	0.08	0.43	-0.12	0.70	-0.11	0.10	0.18	0.14	-0.28	0.06	0.03	0.05	0.02

RUN	POINT		Harmonics															
	48	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1137.93	-1876.26	30.55	224.19	-45.85	-74.68	-58.96	-143.49	39.50	32.08	23.70	6.49	-4.28	1.38	-4.78	-12.43
MRPC1CB33P25_SIN			0.00	-304.80	-58.82	81.57	-22.68	3.00	37.17	-109.41	-42.58	-15.56	-75.98	48.98	12.06	1.25	27.10	-35.11
MRPC1FB33P25_COS			2168.07	354.51	-291.59	333.75	-315.98	-98.03	-154.67	-271.86	-9.28	-3.82	71.96	12.42	3.20	13.53	-19.07	-30.13
MRPC1FB33P25_SIN			0.00	220.79	-70.13	297.64	-238.28	117.12	12.53	-290.84	-101.76	-81.74	-93.69	69.68	20.11	10.78	60.27	-93.89
MRPC1TOR25P5_COS			-446.72	-57.49	-109.59	-97.39	18.69	34.02	-12.65	58.76	-2.55	-7.81	8.54	-2.10	-7.37	-7.91	-10.41	-7.56
MRPC1TOR25P5_SIN			0.00	366.72	-39.38	-41.94	-28.70	7.65	-32.53	-17.49	-1.26	2.54	-9.14	23.32	2.91	1.41	-4.71	-0.24
MRPLK1LOAD_COS			-39.95	-3.87	-9.12	-12.19	3.90	4.70	-0.88	9.74	-0.49	-1.58	1.20	-0.84	-0.81	-1.21	-1.85	-0.96
MRPLK1LOAD_SIN			0.00	19.20	-2.45	-7.17	-2.92	0.59	-4.71	-0.80	0.34	0.05	-1.01	3.31	0.05	0.00	-1.72	0.47
PITCHRH_COS			4374.15	-8457.21	-348.79	-71.96	-60.19	-2002.57	-78.83	-5.61	218.31	53.01	-9.22	-25.91	-9.24	92.39	-8.88	-158.87
PITCHRH_SIN			0.00	2560.53	-880.75	32.37	102.66	-208.15	20.63	176.24	51.18	9.36	-78.21	-10.54	39.86	70.28	-37.15	102.50
ROLLRH_COS			655.28	-1799.91	940.49	-17.23	-85.37	713.92	-80.40	-24.39	97.54	15.70	385.91	-2.84	-96.00	65.34	-149.28	-514.20
ROLLRH_SIN			0.00	-8444.45	-501.56	54.42	128.52	-1166.54	-283.84	57.77	66.06	101.77	-59.45	-42.74	28.80	-85.08	-11.76	-233.56
TORQ_COS			32399.90	344.62	0.21	7.33	-197.25	143.54	2.26	26.60	-16.95	-2.48	20.25	-1.52	3.18	-4.16	-2.54	-6.37
TORQ_SIN			0.00	501.92	-11.96	15.70	-137.01	151.10	-4.07	29.52	-14.71	0.70	32.04	5.39	-3.50	2.03	-8.43	6.45
THRUST_COS			5494.43	23.12	14.08	11.57	24.72	44.00	5.76	19.70	-4.75	-8.14	-7.86	2.95	5.33	-4.13	5.70	29.76
THRUST_SIN			0.00	-103.24	1.01	8.65	40.30	-68.73	11.20	4.14	1.16	-0.75	47.68	-0.94	1.89	-1.83	-10.75	46.96

RUN	POINT		Harmonics															
	48	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-165.53	-40.54	-15.52	-6.28	-45.79	41.85	2.44	-1.19	-2.74	-1.11	-18.16	0.35	3.37	-2.24	4.08	14.42
SIDERH_SIN			0.00	232.47	13.74	3.62	-68.37	70.93	18.55	-3.29	-1.06	-4.27	2.43	3.04	-1.15	2.89	0.38	6.92
DRAGRH_COS			-216.42	246.27	17.21	0.52	-19.62	-71.82	-1.70	-6.26	-3.96	-3.47	4.04	4.96	-2.09	-4.58	-0.79	8.86
DRAGRH_SIN			0.00	-61.44	18.26	-4.19	6.10	-91.44	-28.68	2.34	3.23	-2.97	6.34	-1.98	-2.57	-1.11	0.54	-1.92

RUN	POINT		Harmonics															
	48	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.25	-0.06	-0.02	-0.10	-0.06	-0.02	0.00	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00	-0.01
FLAP1C_SIN			0.00	0.36	0.05	0.01	-0.03	-0.04	-0.02	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.79	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.88	-1.32	-0.73	-3.31	-2.23	-0.44	0.05	0.58	0.16	0.13	0.13	0.28	0.20	0.10	0.16	-0.07
ACT1FORCE_SIN			0.00	12.37	1.14	0.84	-0.19	-1.28	-0.58	-0.70	0.23	0.14	0.06	0.04	0.03	-0.05	0.04	0.14
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			151.25	-0.10	-0.02	-0.02	0.03	0.06	0.03	0.01	-0.02	0.00	0.01	0.00	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.02	0.01	-0.10	-0.08	-0.01	0.01	0.05	0.02	0.02	0.01	0.01	0.03	0.01	0.00	-0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			654.84	0.13	0.04	0.00	-0.05	-0.06	-0.03	-0.02	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	0.03	0.02	0.09	0.08	0.02	0.00	-0.03	-0.02	-0.01	-0.01	-0.01	-0.02	-0.01	-0.01	0.03
MRBLD1CB42P75_COS			-3466.71	-995.06	17.08	265.92	-0.80	-45.03	-7.28	-115.35	30.78	25.28	17.54	6.55	-5.20	1.64	-13.64	-4.35
MRBLD1CB42P75_SIN			0.00	195.94	-18.91	23.64	210.43	20.68	-3.38	92.37	-74.34	-0.77	-18.83	48.71	12.49	12.59	29.61	-5.96

RUN	POINT		Harmonics															
	48	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2812.71	-613.25	295.33	161.33	35.56	-10.94	-29.28	-64.38	23.58	22.73	4.06	8.16	-2.34	4.38	-14.76	-3.12
MRBLD1CB70_SIN			0.00	151.44	-42.08	74.01	324.46	70.74	56.64	93.09	-43.76	0.97	-30.27	28.48	3.20	4.77	15.46	-5.90
MRBLD1CB120_COS			-501.77	-270.05	441.77	159.77	52.77	30.29	-33.53	-19.29	-26.27	8.35	11.49	1.23	6.82	3.19	-1.89	-2.75
MRBLD1CB120_SIN			0.00	169.83	-137.02	6.30	316.42	76.27	96.57	75.29	14.63	-1.36	18.30	-16.62	0.04	-2.95	-4.49	-6.70
MRBLD1CB164_COS			-1964.08	-97.18	138.31	37.07	-13.88	13.05	-12.46	32.00	-28.24	-0.14	10.07	1.24	8.80	2.38	9.01	-1.81
MRBLD1CB164_SIN			0.00	99.27	-54.17	8.81	132.90	37.96	32.59	-7.87	18.29	-10.73	30.31	-8.21	7.60	-1.25	-8.96	5.43
MRBLD1FB42P75_COS			3040.57	81.20	-418.63	560.80	-19.33	-62.10	-33.88	-219.19	-96.03	9.62	91.46	49.03	38.67	31.99	33.50	-42.22
MRBLD1FB42P75_SIN			0.00	-36.47	-18.97	27.62	323.48	32.86	3.72	296.75	-88.54	-75.72	-28.25	28.66	7.57	7.03	50.60	-2.22
MRBLD1FB70_COS			423.02	-2.51	-203.75	168.15	-19.41	-11.31	4.30	-25.28	-2.86	3.42	0.07	-0.83	-3.23	-5.19	-5.93	10.72
MRBLD1FB70_SIN			0.00	-202.34	15.35	-2.66	88.66	-3.53	2.59	61.22	-6.86	2.84	3.15	2.00	1.72	-1.03	-13.29	0.24
MRBLD1FB87_COS			-74.24	20.64	-173.00	56.81	-40.22	-23.91	-5.28	24.34	15.67	1.64	-14.80	-9.77	-6.03	-7.92	-12.08	4.33
MRBLD1FB87_SIN			0.00	-204.19	41.32	37.27	41.72	0.91	-4.83	-28.20	8.72	9.51	8.52	-5.29	0.31	2.78	-8.38	-0.21
MRBLD1FB120_COS			-508.97	31.70	-260.99	9.82	-19.57	-1.64	-5.92	33.35	3.67	-8.71	-3.22	2.88	7.27	11.04	15.92	-7.89
MRBLD1FB120_SIN			0.00	-256.24	93.51	106.53	14.48	1.41	-13.71	-88.25	8.81	-2.25	-7.98	-2.59	-6.12	-5.35	13.63	-0.04
MRBLD1FB164_COS			-76.27	45.45	-329.07	68.77	91.16	37.74	28.17	-60.32	-9.64	9.19	-0.49	-3.52	-2.44	-2.22	-6.19	2.67
MRBLD1FB164_SIN			0.00	-290.72	100.37	148.97	-57.11	-21.10	20.67	115.93	-24.88	1.81	13.30	-0.96	0.36	1.49	-7.84	-2.85

RUN	POINT		Harmonics															
	48	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-114.88	5.54	-176.30	51.32	92.06	19.25	-3.06	-46.62	13.99	-1.27	-39.14	-11.55	11.08	10.83	8.88	-16.43
MRBLD1FB180_SIN			0.00	-192.30	55.72	65.70	-35.03	-22.66	3.73	105.11	-30.06	-8.04	20.40	0.23	-5.59	-11.23	16.72	6.38
MRBLD1TOR51_COS			-1275.49	73.08	-22.17	92.82	-2.76	-20.41	-4.28	-4.44	18.91	5.40	-10.65	-2.32	3.84	3.23	0.37	-2.28
MRBLD1TOR51_SIN			0.00	-34.39	3.61	17.83	42.80	19.94	-16.73	65.58	-4.83	-3.46	-3.00	-3.57	0.37	0.53	3.38	-5.99
MRBLD1TOR71_COS			-139.89	84.41	-30.05	67.53	4.10	-11.43	0.68	9.25	16.27	2.20	-11.42	-2.99	3.07	4.31	-0.64	-2.68
MRBLD1TOR71_SIN			0.00	-39.60	-1.66	4.23	20.08	18.62	-11.63	55.87	4.20	-0.31	-1.76	-3.35	-1.19	-0.74	2.55	-2.59
MRBLD1TOR130_COS			92.39	76.42	-6.82	39.53	17.04	-7.33	2.33	1.40	9.59	4.64	1.71	-1.16	0.00	-0.13	-4.84	-1.43
MRBLD1TOR130_SIN			0.00	-23.16	-3.76	-1.57	8.57	21.33	-4.23	48.30	1.19	2.55	8.11	9.66	3.26	-0.01	-0.42	4.74
MRBLD1TOR164_COS			-127.78	44.77	49.64	13.00	-1.61	-11.69	-1.67	9.43	6.05	1.32	-0.19	1.06	2.60	3.49	-3.87	-3.14
MRBLD1TOR164_SIN			0.00	5.08	-10.92	-22.36	12.45	12.65	0.87	22.95	2.66	-1.49	2.58	6.17	3.23	0.60	1.43	0.75
MRFBM1CB26P5_COS			-4522.36	-385.17	-34.78	87.19	6.50	-10.77	3.06	-16.74	-0.91	1.94	5.47	-0.23	0.94	-0.32	-0.77	-2.11
MRFBM1CB26P5_SIN			0.00	41.12	7.39	-26.65	-15.97	-12.78	-17.61	0.65	-11.79	-1.48	5.31	2.17	2.56	2.30	4.89	-2.46
MRFBM1FB9_COS			390.51	-239.58	169.94	-120.17	22.43	9.57	5.29	19.29	-1.51	-2.48	-2.58	0.37	0.18	0.39	1.45	-0.21
MRFBM1FB9_SIN			0.00	-70.43	25.50	-64.32	-44.10	-0.99	5.31	-4.45	5.60	0.80	-1.45	-2.32	-1.57	-1.08	-0.95	0.97
MRFBM1TOR26P5_COS			-351.62	79.18	-0.88	0.41	-0.33	-0.06	-0.05	0.00	0.24	-0.08	-0.13	0.03	0.00	0.00	0.22	0.09
MRFBM1TOR26P5_SIN			0.00	-99.97	0.00	-0.25	0.15	-0.14	-0.15	0.29	0.09	0.01	-0.17	-0.20	-0.04	0.05	-0.06	-0.07

RUN	POINT		Harmonics															
	48	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1214.59	-916.42	-59.93	287.56	-8.06	-45.21	-4.07	-114.56	9.71	21.06	26.76	6.67	0.98	3.63	-10.43	-7.33
MRPC1CB33P25_SIN			0.00	177.33	2.01	-25.67	131.12	-1.86	-19.01	71.78	-70.43	-9.16	-1.84	37.03	13.86	13.25	28.51	-9.47
MRPC1FB33P25_COS			2292.86	29.70	-356.36	456.92	-92.19	-61.29	-27.69	-291.32	-31.65	48.33	83.09	18.31	21.59	15.01	-28.27	-24.23
MRPC1FB33P25_SIN			0.00	115.66	-88.94	126.02	269.60	11.31	-9.54	143.10	-114.16	-50.29	29.75	52.15	33.36	30.52	63.01	-38.51
MRPC1TOR25P5_COS			-896.77	-67.50	-14.26	-88.58	-3.09	12.81	0.56	-9.50	-22.35	-0.43	16.29	1.84	-5.12	-1.21	-13.46	-4.77
MRPC1TOR25P5_SIN			0.00	79.93	-64.22	5.27	-34.55	-17.93	18.52	-68.11	-2.54	2.44	5.90	12.87	-0.38	0.12	3.54	4.34
MRPLK1LOAD_COS			-98.15	1.25	0.37	-10.99	-0.61	2.32	0.30	-0.01	-2.60	-0.12	2.37	-0.21	-0.75	-0.11	-2.95	-0.99
MRPLK1LOAD_SIN			0.00	-16.20	-2.94	-0.47	-4.81	-1.89	2.49	-9.18	0.05	0.33	1.25	2.20	-0.14	-0.20	0.12	1.18
PITCHRH_COS			14536.72	-8691.99	-837.15	-27.52	-84.71	287.40	-29.44	-33.62	93.84	-56.83	113.13	-22.17	43.17	-17.74	-5.62	-109.26
PITCHRH_SIN			0.00	2488.48	-685.71	144.79	14.52	809.24	110.04	88.18	22.05	-50.94	-219.72	25.72	-2.91	114.52	44.12	316.38
ROLLRH_COS			2888.99	-2038.95	664.60	-58.00	-114.53	-1561.11	-141.07	-55.64	115.40	131.82	249.11	-67.53	30.24	66.82	40.11	-613.57
ROLLRH_SIN			0.00	-8637.08	-980.37	34.79	87.30	771.60	-77.55	-39.82	-35.57	-27.75	42.69	-4.47	64.14	-19.57	-32.47	108.12
TORQ_COS			30989.99	367.81	-5.23	2.30	-163.29	45.02	3.04	15.73	-10.04	-2.15	-7.03	2.39	6.09	-1.19	-6.64	10.90
TORQ_SIN			0.00	616.86	-8.54	9.13	-58.95	3.12	7.55	30.20	22.86	-8.74	-19.87	5.30	-9.91	3.95	-7.17	-19.77
THRUST_COS			5932.85	-13.70	6.87	5.47	29.98	23.41	2.65	20.83	-4.98	-3.84	-34.51	2.33	0.97	-0.62	-1.01	25.83
THRUST_SIN			0.00	-90.55	-0.03	0.96	31.51	-18.09	0.79	20.75	-5.90	3.49	10.83	-0.84	-3.71	-2.01	1.63	17.55

RUN	POINT		Harmonics															
	48	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-166.67	11.57	-13.77	-0.03	-33.82	49.62	10.69	-1.24	-2.31	-6.75	-10.51	3.20	-0.79	-2.32	-1.84	17.89
SIDERH_SIN			0.00	232.10	17.38	3.29	-51.80	-133.03	3.63	1.29	0.29	2.69	-1.01	0.19	-1.99	0.73	0.84	-2.82
DRAGRH_COS			-110.21	239.43	15.72	-3.73	-6.56	86.51	-23.18	1.69	-0.23	1.31	-3.02	-0.22	-2.73	0.04	0.03	5.27
DRAGRH_SIN			0.00	-70.04	11.62	-1.04	16.31	106.84	-17.56	2.46	0.45	-0.98	8.88	-2.60	2.27	-5.54	-2.15	-15.40

RUN	POINT		Harmonics															
	48	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.51	1.04	-0.03	-0.10	-0.13	-0.01	-0.01	0.01	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN			0.00	0.91	0.07	-0.05	-0.04	-0.01	0.01	0.00	0.01	-0.01	-0.01	0.01	0.01	0.00	0.01	0.01
ACT1DISP_COS			2.59	-0.12	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.10	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-7.21	-1.97	-1.36	-2.94	-3.33	-0.13	0.02	0.53	-0.29	0.02	0.64	0.31	0.06	0.06	0.28	0.11
ACT1FORCE_SIN			0.00	19.74	2.33	0.25	-0.65	-0.09	0.37	-0.24	0.29	-0.23	-0.12	0.36	0.16	0.08	0.10	0.23
FA1IBCURRENT_COS			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	250.73	-0.08	0.16	0.10	0.02	-0.04	-0.01	-0.04	0.03	0.01	-0.05	-0.02	-0.02	-0.03	-0.05
FA1IBVOLTAGE_SIN			0.00	7.45	-0.13	-0.07	-0.19	-0.02	-0.03	0.04	-0.01	0.01	0.08	0.01	-0.01	0.01	0.03	0.00
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.01	-251.21	0.15	-0.15	-0.10	-0.02	0.04	0.00	0.04	-0.03	0.00	0.05	0.03	0.02	0.04	0.04
FA1OBVOLTAGE_SIN			0.00	-7.41	-0.03	0.08	0.18	0.03	0.02	-0.03	0.02	-0.01	-0.07	-0.01	0.02	-0.01	-0.04	-0.01
MRBLD1CB42P75_COS			-3410.06	-1743.23	70.84	199.16	31.61	-69.22	-40.52	-143.31	32.18	31.77	17.90	12.52	-1.06	-1.90	-24.32	4.46
MRBLD1CB42P75_SIN			0.00	-136.86	-95.30	108.03	123.49	28.87	25.41	15.37	-43.60	-15.54	-64.73	69.00	22.79	14.99	30.32	-18.17

RUN	POINT		Harmonics															
	48	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2825.04	-1106.39	302.07	90.47	84.64	-29.71	-31.04	-93.35	22.65	33.37	2.44	13.52	3.93	3.09	-14.78	2.16
MRBLD1CB70_SIN			0.00	-84.81	-79.95	123.31	250.84	63.36	37.05	31.88	-27.86	-13.96	-45.02	42.64	10.58	6.48	21.84	-16.65
MRBLD1CB120_COS			-564.97	-498.84	411.77	95.72	74.55	33.38	3.56	-18.47	-30.97	-12.48	15.72	3.65	5.88	6.09	-1.60	1.25
MRBLD1CB120_SIN			0.00	37.20	-138.40	38.38	209.74	80.67	26.11	26.41	11.43	1.20	37.61	-23.64	-1.72	-1.50	-4.26	-5.38
MRBLD1CB164_COS			-1955.46	-139.15	126.17	8.75	-9.97	24.63	22.75	39.85	-34.83	-22.18	15.60	1.10	3.78	1.16	10.35	-4.46
MRBLD1CB164_SIN			0.00	72.08	-44.28	25.37	79.96	34.29	-2.64	1.09	9.56	-5.35	37.81	-16.79	4.21	-1.79	-12.11	11.70
MRBLD1FB42P75_COS			2957.30	297.37	-367.88	495.54	-177.92	-36.74	-83.72	-301.16	-80.22	-32.27	56.21	70.63	43.12	32.91	12.90	-42.09
MRBLD1FB42P75_SIN			0.00	-5.36	-63.08	210.32	-40.59	131.84	44.00	107.22	-42.53	-46.96	-97.32	34.85	16.67	14.50	75.75	-35.52
MRBLD1FB70_COS			414.37	6.54	-177.02	135.88	-61.88	-6.52	-6.55	-44.22	-0.38	1.63	0.05	-0.11	-4.15	-6.40	-1.40	10.17
MRBLD1FB70_SIN			0.00	-206.00	-0.14	64.62	-24.91	23.46	12.61	26.44	-1.60	2.78	1.55	2.74	2.55	-1.81	-17.39	7.82
MRBLD1FB87_COS			-64.27	38.80	-152.70	33.26	-57.52	-20.53	-2.76	28.21	13.45	9.19	-6.85	-13.96	-6.11	-6.99	-6.83	5.09
MRBLD1FB87_SIN			0.00	-194.99	38.14	73.45	-5.24	5.12	-2.68	-11.41	1.94	5.57	22.49	-9.54	-2.25	0.47	-14.19	6.15
MRBLD1FB120_COS			-459.81	68.41	-237.03	-7.60	-21.50	-4.88	10.84	62.87	0.35	-7.13	-4.93	2.70	5.75	9.97	7.42	-8.97
MRBLD1FB120_SIN			0.00	-219.00	87.81	136.45	38.13	-19.79	-22.88	-40.16	2.39	-3.34	-8.79	2.06	-4.65	-3.66	19.77	-9.79
MRBLD1FB164_COS			-218.21	-2.25	-294.61	74.65	168.52	59.50	11.48	-88.01	-5.37	6.58	2.70	-5.15	-1.96	-1.22	-0.75	4.25
MRBLD1FB164_SIN			0.00	-379.25	31.74	155.30	82.82	-29.34	19.89	47.10	-8.97	3.44	17.09	-7.86	-2.03	0.41	-11.13	3.29

RUN	POINT		Harmonics															
	48	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-267.16	-68.29	-153.43	42.31	136.13	50.78	-11.26	-83.59	11.04	8.62	-22.23	-21.87	9.51	13.41	2.46	-15.34
MRBLD1FB180_SIN			0.00	-288.89	9.51	65.39	35.92	-21.13	21.08	52.99	-18.50	-11.91	43.77	-11.54	-8.98	-8.88	24.46	-8.79
MRBLD1TOR51_COS			-1501.19	-38.48	42.14	101.34	-0.08	-33.31	11.19	-31.03	6.99	0.39	-5.45	0.99	3.86	3.52	-1.66	0.69
MRBLD1TOR51_SIN			0.00	-237.10	-47.34	60.10	32.64	16.70	2.22	40.35	1.05	-10.33	-3.50	-3.83	1.32	0.92	4.61	-6.41
MRBLD1TOR71_COS			-350.86	-13.10	29.44	79.17	7.60	-23.10	16.02	-14.73	6.04	-1.40	-7.40	-0.74	3.27	4.57	-0.95	0.13
MRBLD1TOR71_SIN			0.00	-227.36	-46.46	36.35	24.14	11.87	4.55	40.86	6.80	-5.79	0.97	-5.15	-0.66	-0.15	2.35	-2.78
MRBLD1TOR130_COS			-124.54	-31.10	49.40	58.02	23.72	-17.56	12.17	-15.46	4.06	-1.07	4.53	-0.44	0.16	-0.15	-2.68	-1.07
MRBLD1TOR130_SIN			0.00	-217.41	-49.84	19.07	30.64	12.84	5.27	31.32	4.49	-1.38	3.07	9.66	3.80	0.60	-2.22	3.97
MRBLD1TOR164_COS			-281.69	-39.69	79.68	23.89	2.13	-18.69	-0.10	-1.45	6.13	2.93	-1.46	-0.51	2.79	3.38	-3.94	-1.48
MRBLD1TOR164_SIN			0.00	-133.75	-34.68	-15.49	1.26	13.78	7.08	17.61	0.85	-1.38	4.84	3.65	2.21	1.11	0.00	-0.82
MRFBM1CB26P5_COS			-4472.20	-753.28	-8.72	84.47	0.87	-13.92	-2.51	-17.01	0.53	-0.73	6.26	0.13	0.07	-0.30	-4.03	0.27
MRFBM1CB26P5_SIN			0.00	-144.89	-24.88	-2.72	-15.02	-11.09	-5.57	-3.68	-6.28	-1.54	-2.68	2.86	2.71	2.57	2.67	-2.88
MRFBM1FB9_COS			310.14	78.78	122.01	-88.55	20.88	13.44	5.95	16.06	-0.40	-1.63	-3.97	0.32	0.16	0.50	2.06	-1.36
MRFBM1FB9_SIN			0.00	-54.42	61.37	-104.42	3.87	-10.13	1.37	6.59	3.90	1.46	0.55	-3.12	-1.93	-1.09	-0.88	0.96
MRFBM1TOR26P5_COS			-353.58	80.78	-0.44	0.52	-0.13	-0.13	0.25	-0.16	0.15	0.01	-0.07	0.06	-0.02	-0.02	0.16	0.02
MRFBM1TOR26P5_SIN			0.00	-100.72	-0.08	0.01	0.58	-0.13	0.27	0.15	0.16	-0.03	-0.06	-0.14	-0.02	0.04	0.03	-0.04

RUN	POINT		Harmonics															
	48	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1179.53	-1562.01	-6.32	241.00	-4.72	-58.90	-31.00	-126.60	11.97	14.82	26.19	12.50	2.97	1.70	-22.99	4.02
MRPC1CB33P25_SIN			0.00	-75.30	-86.24	60.32	37.73	19.25	11.52	3.47	-42.00	-17.21	-43.39	50.79	19.94	15.43	27.23	-20.28
MRPC1FB33P25_COS			2226.77	227.43	-319.26	370.60	-141.02	-68.99	-83.39	-280.89	-39.78	3.83	96.14	28.47	19.14	8.50	-61.99	7.52
MRPC1FB33P25_SIN			0.00	162.52	-112.21	265.48	-68.06	99.38	2.76	-39.45	-72.65	-51.13	-39.86	70.09	42.09	37.35	58.03	-57.93
MRPC1TOR25P5_COS			-662.06	71.56	-92.76	-103.33	-4.48	24.48	-20.54	18.44	-8.71	2.51	11.10	-0.47	-4.15	-2.67	-11.91	-2.56
MRPC1TOR25P5_SIN			0.00	294.83	5.79	-37.96	-35.96	-9.65	-2.04	-48.58	-7.50	9.03	1.63	13.84	0.86	2.30	-2.27	1.51
MRPLK1LOAD_COS			-67.71	15.17	-8.02	-12.89	0.00	3.90	-2.49	4.04	-0.84	0.10	1.54	-0.69	-0.41	-0.32	-2.12	-0.38
MRPLK1LOAD_SIN			0.00	10.53	4.36	-6.36	-4.43	-1.39	-0.31	-6.06	-0.81	1.17	0.68	1.86	-0.03	0.14	-1.11	0.78
PITCHRH_COS			8525.49	-8635.33	-590.95	-75.56	-51.06	-898.97	-89.46	103.27	88.68	-11.38	76.18	-30.74	35.25	-19.75	18.25	-231.69
PITCHRH_SIN			0.00	2486.91	-879.58	93.07	96.16	-18.60	208.78	119.52	-1.12	-29.42	-75.58	2.95	37.69	75.03	16.12	219.84
ROLLRH_COS			2882.64	-1945.89	956.62	-19.43	-76.31	118.34	-199.59	20.64	123.00	89.59	276.33	-35.57	-26.00	79.74	-33.70	-476.23
ROLLRH_SIN			0.00	-8597.29	-729.30	-24.00	165.50	-153.14	-202.49	18.44	-48.42	36.10	-91.65	-25.71	90.09	26.06	-28.40	-154.86
TORQ_COS			31372.00	358.92	-8.73	8.18	-170.26	101.06	-2.59	25.81	-17.19	-1.52	-1.44	2.24	7.48	-1.25	-2.42	4.63
TORQ_SIN			0.00	603.91	-8.76	-0.91	-123.42	69.63	0.03	4.86	4.33	-6.39	3.08	4.51	-9.21	3.57	-7.03	-14.58
THRUST_COS			5674.75	-3.65	15.49	0.46	24.73	29.68	6.18	13.58	-2.43	-5.69	-33.81	1.74	4.09	-1.66	1.36	10.90
THRUST_SIN			0.00	-112.56	-8.65	6.73	40.91	-53.62	6.63	-3.93	-2.97	1.51	24.40	-1.22	-3.72	-2.53	-6.13	27.39

RUN	POINT		Harmonics															
	48	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-160.42	-9.83	-16.25	0.09	-52.94	8.21	11.50	-1.89	-1.88	-5.10	-11.54	2.00	0.79	-2.43	0.46	13.86
SIDERH_SIN			0.00	238.35	17.14	3.39	-69.57	-3.61	14.76	-0.56	0.68	-0.84	3.71	1.78	-3.08	-0.77	0.68	4.51
DRAGRH_COS			-171.19	243.53	19.64	-0.05	-12.42	18.99	-13.50	-3.75	0.49	-1.09	4.18	2.61	-4.30	0.36	-1.98	11.37
DRAGRH_SIN			0.00	-68.24	13.84	-2.38	11.74	-29.84	-36.73	4.79	1.69	-2.07	4.60	-3.15	1.77	-3.50	-1.44	-10.57

RUN	POINT		Harmonics															
	48	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.51	-1.26	-0.01	-0.12	-0.09	0.01	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.02	0.03	0.03	-0.03	-0.06	-0.02	0.00	0.01	0.02	-0.01	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.14	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.03	-2.22	-0.53	-3.56	-2.87	0.25	0.31	1.01	0.02	-0.13	0.31	-0.02	0.10	0.13	0.16	0.01
ACT1FORCE_SIN			0.00	9.30	0.59	0.58	-0.21	-1.31	-0.41	-0.16	0.39	0.42	-0.10	0.16	0.11	-0.09	-0.04	0.07
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.58	-251.05	0.10	-0.13	0.04	0.06	0.03	-0.01	-0.04	-0.04	0.03	-0.03	-0.02	0.00	-0.01	0.02
FA1IBVOLTAGE_SIN			0.00	-7.99	-0.09	-0.13	-0.11	0.04	0.03	0.06	-0.01	-0.03	0.04	0.01	0.00	0.00	0.00	0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.14	251.52	-0.03	0.13	-0.05	-0.07	-0.03	0.00	0.04	0.03	-0.03	0.03	0.02	0.00	0.02	-0.02
FA1OBVOLTAGE_SIN			0.00	7.86	-0.10	0.11	0.10	-0.05	-0.03	-0.05	0.01	0.03	-0.04	-0.01	0.00	-0.01	0.00	-0.03
MRBLD1CB42P75_COS			-3471.95	-1424.99	-6.63	255.02	10.79	-89.69	-41.37	-134.89	40.60	49.37	-3.23	-10.47	-10.23	-9.59	-37.86	-0.56
MRBLD1CB42P75_SIN			0.00	-101.54	28.42	59.63	178.02	-3.70	6.30	-0.54	-60.58	-8.76	-77.75	31.52	6.33	3.99	31.02	-36.98

RUN	POINT		Harmonics															
	48	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2790.26	-865.69	271.06	151.54	60.79	-51.32	-53.91	-93.88	28.92	45.71	-10.53	-0.63	-4.97	-5.15	-23.05	-5.28
MRBLD1CB70_SIN			0.00	-26.91	-29.75	109.66	308.45	39.95	47.14	29.09	-34.18	-4.05	-70.09	15.78	5.35	3.00	22.58	-35.25
MRBLD1CB120_COS			-571.31	-319.59	416.97	146.10	65.49	11.57	-39.52	-29.90	-34.02	-14.23	31.03	11.78	6.87	8.14	-1.11	3.55
MRBLD1CB120_SIN			0.00	112.95	-139.33	33.80	285.98	62.11	60.50	33.62	2.86	-6.23	48.60	-8.66	4.53	2.87	-3.07	-9.94
MRBLD1CB164_COS			-1954.78	-120.85	129.88	34.95	-17.78	15.42	3.98	36.69	-33.90	-24.74	26.62	8.93	7.22	5.81	14.65	-1.98
MRBLD1CB164_SIN			0.00	79.38	-56.36	21.84	114.06	35.09	19.69	7.53	3.13	-16.22	59.67	-0.57	6.74	1.02	-11.28	25.51
MRBLD1FB42P75_COS			3016.04	222.84	-407.13	557.23	-160.44	-101.94	-93.23	-296.45	-105.99	-31.71	80.11	35.79	22.23	14.51	3.73	-77.74
MRBLD1FB42P75_SIN			0.00	0.56	33.19	94.91	146.65	105.25	10.95	69.40	-97.48	-72.96	-61.48	34.35	11.48	15.36	108.65	-52.88
MRBLD1FB70_COS			418.18	1.98	-201.11	163.10	-55.71	-24.04	-10.77	-44.26	-4.60	3.69	-1.07	-1.78	-2.20	-3.38	-0.21	17.87
MRBLD1FB70_SIN			0.00	-213.00	39.14	24.59	34.32	15.18	5.86	23.56	-6.90	1.16	3.19	3.08	2.03	-1.47	-23.11	10.67
MRBLD1FB87_COS			-69.14	23.76	-168.75	53.76	-54.73	-23.48	-3.39	28.75	15.92	8.48	-10.28	-5.51	-2.45	-2.65	-3.83	11.34
MRBLD1FB87_SIN			0.00	-210.43	55.96	52.51	18.23	0.75	-3.75	-7.32	9.82	8.26	13.75	-7.93	-1.01	-1.00	-21.62	10.99
MRBLD1FB120_COS			-468.70	-0.27	-255.42	17.50	-25.89	9.52	14.52	64.73	8.83	-9.62	-6.69	0.13	2.86	3.71	3.52	-17.82
MRBLD1FB120_SIN			0.00	-257.55	95.68	125.35	28.27	-5.01	-15.76	-33.70	13.33	1.35	-5.89	1.53	-4.46	-0.98	32.68	-15.88
MRBLD1FB164_COS			-207.03	171.17	-361.82	80.43	155.57	67.23	-5.25	-98.72	-15.38	8.46	3.27	1.85	-0.67	0.00	1.72	7.96
MRBLD1FB164_SIN			0.00	-345.46	151.17	149.21	24.12	-24.81	15.00	34.71	-25.35	-7.04	11.46	-4.12	-0.52	3.22	-11.75	10.41

RUN	POINT		Harmonics															
	48	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-258.76	111.00	-202.02	36.36	119.52	44.76	-29.70	-95.39	8.02	14.59	-26.91	-5.13	14.05	13.68	3.44	-22.68
MRBLD1FB180_SIN			0.00	-244.46	106.14	72.23	16.97	-6.12	15.94	42.98	-22.17	-16.51	20.57	-9.31	-1.97	-6.71	34.08	-19.44
MRBLD1TOR51_COS			-1462.17	208.89	-29.86	94.22	0.52	-47.19	0.77	-28.78	11.10	5.67	-6.62	1.17	4.90	3.62	-6.56	0.60
MRBLD1TOR51_SIN			0.00	-102.42	55.30	19.83	34.47	10.05	-5.93	33.54	0.69	-5.70	-7.18	-3.99	2.04	3.31	9.15	-9.01
MRBLD1TOR71_COS			-316.31	217.05	-36.35	69.03	10.09	-33.92	6.81	-13.92	9.39	2.55	-7.98	0.92	4.18	4.19	-3.45	0.08
MRBLD1TOR71_SIN			0.00	-101.71	45.53	2.43	19.15	8.65	-1.33	36.04	8.77	-1.17	-2.53	-3.40	1.09	2.06	4.74	-4.42
MRBLD1TOR130_COS			-90.15	210.38	-12.70	42.49	27.04	-24.10	4.67	-16.04	6.38	3.07	3.36	-1.59	-0.29	-0.84	-1.21	-2.68
MRBLD1TOR130_SIN			0.00	-88.97	40.54	-5.96	15.94	12.27	3.50	26.56	2.31	-0.28	5.08	8.08	3.10	-0.17	-4.69	2.93
MRBLD1TOR164_COS			-258.80	133.94	50.29	9.49	1.57	-25.53	-3.21	-2.39	5.41	3.17	-1.00	0.20	1.15	1.43	-3.45	-1.95
MRBLD1TOR164_SIN			0.00	-37.45	14.19	-27.84	2.66	10.80	5.38	19.45	4.50	-2.09	3.57	5.75	3.36	0.02	-1.53	-3.52
MRFBM1CB26P5_COS			-4514.82	-598.53	-42.15	88.10	3.39	-13.87	1.86	-13.77	1.03	-0.25	4.83	-0.75	-0.27	-0.52	-6.19	0.99
MRFBM1CB26P5_SIN			0.00	-114.37	32.32	-23.64	-14.62	-16.29	-13.22	-9.15	-10.50	-2.68	2.24	2.55	0.97	1.02	3.51	-4.16
MRFBM1FB9_COS			373.11	-42.39	166.97	-112.60	28.70	16.95	6.68	14.66	-1.62	-2.46	-3.22	0.73	0.31	0.69	3.13	-1.98
MRFBM1FB9_SIN			0.00	-20.88	-7.65	-81.94	-19.14	-4.19	5.74	7.53	6.20	1.45	0.43	-1.39	-0.98	-0.29	-0.37	2.44
MRFBM1TOR26P5_COS			-353.24	82.20	-0.84	0.47	-0.17	-0.17	0.04	-0.16	0.20	0.00	-0.12	0.03	0.04	0.03	0.13	0.05
MRFBM1TOR26P5_SIN			0.00	-99.01	0.38	-0.11	0.33	-0.24	0.17	0.09	0.20	0.07	-0.14	-0.15	-0.01	0.08	0.08	0.03

RUN	POINT		Harmonics															
	48	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1217.69	-1298.20	-75.16	278.25	-16.04	-78.14	-29.62	-118.90	16.93	27.18	14.49	-6.00	-4.80	-5.55	-36.56	0.42
MRPC1CB33P25_SIN			0.00	-74.00	50.40	1.50	90.11	-10.14	-10.17	-14.79	-61.92	-18.81	-39.29	27.88	7.50	6.68	30.67	-38.43
MRPC1FB33P25_COS			2276.45	149.49	-357.96	443.00	-169.71	-112.37	-79.10	-260.70	-34.98	15.59	93.72	3.53	5.68	-3.69	-95.16	1.81
MRPC1FB33P25_SIN			0.00	161.24	-47.19	184.56	91.37	59.35	-26.26	-64.63	-124.08	-71.14	-1.64	47.96	23.28	21.85	69.46	-101.91
MRPC1TOR25P5_COS			-700.05	-199.33	-14.20	-88.71	-8.58	39.29	-8.12	17.29	-13.67	-2.45	11.74	-1.43	-8.04	-4.27	-6.79	-4.93
MRPC1TOR25P5_SIN			0.00	152.21	-111.03	7.14	-33.11	-3.20	5.59	-41.24	-8.33	2.19	6.76	11.66	-2.08	-2.83	-8.15	-2.28
MRPLK1LOAD_COS			-73.11	-17.86	1.43	-11.40	-0.60	5.78	-0.70	3.93	-1.68	-0.47	2.00	-0.73	-1.13	-0.67	-1.06	-0.95
MRPLK1LOAD_SIN			0.00	-7.67	-9.73	-0.84	-4.38	-0.33	0.69	-4.75	-0.72	-0.01	1.49	1.79	-0.50	-0.68	-2.23	0.09
PITCHRH_COS			11317.90	-8619.65	-838.48	-79.28	-24.53	-572.62	-84.89	-25.59	162.17	-43.34	4.36	-59.75	10.33	-0.56	-6.53	-335.39
PITCHRH_SIN			0.00	2518.75	-596.55	191.21	49.70	416.13	85.01	100.38	49.32	-94.86	-225.81	24.93	17.64	71.23	-27.66	213.62
ROLLRH_COS			1310.53	-1958.01	556.59	-85.79	-37.00	-838.70	-183.57	8.67	116.46	81.15	269.76	-60.67	-6.40	43.57	-77.74	-614.24
ROLLRH_SIN			0.00	-8581.48	-1135.66	-23.64	114.77	-4.35	-163.48	-25.72	46.83	-26.02	-5.95	-53.95	40.20	-22.37	-46.92	-394.32
TORQ_COS			30820.52	372.01	-5.25	-29.71	-175.36	87.98	0.51	16.25	-19.88	-1.41	0.71	3.60	2.08	-0.10	-3.29	-3.36
TORQ_SIN			0.00	648.32	-3.33	5.64	-110.29	88.14	5.05	33.67	13.63	-3.88	-8.94	2.84	-5.00	5.37	-10.08	-8.58
THRUST_COS			5878.06	-4.12	1.84	-5.04	31.86	48.68	7.93	17.57	-3.14	-3.62	-26.83	3.02	2.43	-0.75	4.22	17.02
THRUST_SIN			0.00	-114.79	1.26	17.72	37.44	-35.70	4.60	18.32	-5.61	1.81	12.39	-7.01	-1.84	-0.58	-11.59	51.18

RUN	POINT		Harmonics															
	48	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-171.15	-4.42	-11.18	-2.36	-43.16	56.08	14.75	-2.50	-2.65	-3.89	-11.58	3.21	0.19	-1.35	1.90	17.88
SIDERH_SIN			0.00	227.29	16.98	2.65	-48.70	-62.02	11.16	0.31	-1.87	2.24	0.53	3.50	-0.91	0.99	1.22	11.18
DRAGRH_COS			-145.15	241.55	10.99	0.50	-7.60	30.57	-13.22	-4.50	-2.51	0.39	5.54	5.28	-0.03	-0.29	-0.80	14.56
DRAGRH_SIN			0.00	-69.60	8.79	-1.78	10.05	35.76	-26.82	3.89	6.30	5.19	14.97	-5.26	0.52	-2.41	0.26	-9.15

RUN	POINT		Harmonics															
	48	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.60	-0.51	-0.09	-0.17	-0.10	-0.01	-0.02	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	-0.01
FLAP1C_SIN			0.00	1.74	0.05	0.07	-0.05	-0.02	-0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS			2.58	0.06	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.20	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.59	-6.34	-1.54	-4.20	-2.77	-0.34	-0.27	0.53	-0.18	0.05	0.40	0.21	0.28	0.08	-0.07	-0.09
ACT1FORCE_SIN			0.00	15.83	1.13	2.55	-0.66	-0.34	-0.33	-0.07	0.16	0.05	0.06	0.28	0.34	0.19	-0.02	0.09
FA11BCURRENT_COS			-0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA11BCURRENT_SIN			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA11BVOLTAGE_COS			402.66	-8.03	-0.05	0.00	0.09	0.05	0.02	-0.01	-0.01	-0.02	0.01	-0.04	-0.06	-0.05	-0.02	0.00
FA11BVOLTAGE_SIN			0.00	250.83	-0.01	-0.32	-0.13	-0.01	-0.03	0.01	-0.01	0.04	0.06	0.02	0.03	0.00	-0.03	-0.03
FA10BCURRENT_COS			0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA10BCURRENT_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA10BVOLTAGE_COS			403.05	7.90	-0.02	0.01	-0.10	-0.05	-0.03	0.01	0.02	0.02	-0.01	0.05	0.06	0.05	0.02	0.00
FA10BVOLTAGE_SIN			0.00	-251.31	0.21	0.32	0.12	0.01	0.03	-0.01	0.02	-0.03	-0.06	-0.03	-0.02	0.00	0.02	0.02
MRBLD1CB42P75_COS			-3373.31	-1744.00	72.77	216.76	61.78	-87.18	-51.89	-123.53	46.16	59.28	43.93	14.15	-8.57	1.24	-4.40	-12.76
MRBLD1CB42P75_SIN			0.00	-347.25	-17.65	79.72	137.00	17.43	41.82	-43.40	-31.60	-16.78	-96.86	70.87	24.35	11.23	51.44	-30.17

RUN	POINT		Harmonics															
	48	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2853.06	-1082.08	293.56	132.26	132.26	-58.32	-23.85	-80.71	37.29	53.55	19.61	16.10	-3.23	2.69	5.12	-14.68
MRBLD1CB70_SIN			0.00	-216.17	-44.76	110.07	260.87	52.10	45.95	-8.55	-22.88	-13.41	-68.41	41.42	14.87	3.73	34.50	-29.53
MRBLD1CB120_COS			-563.88	-434.13	398.65	136.79	122.31	1.90	21.58	-9.68	-26.16	-22.70	1.84	-0.07	10.74	6.01	-4.90	-0.98
MRBLD1CB120_SIN			0.00	-19.35	-123.29	27.07	202.74	78.83	22.55	9.96	1.20	0.50	59.96	-26.05	-3.38	0.49	-2.77	-8.50
MRBLD1CB164_COS			-1953.91	-143.06	119.87	27.75	6.43	14.24	38.49	35.55	-32.50	-32.17	1.66	0.27	9.85	4.22	0.43	4.09
MRBLD1CB164_SIN			0.00	63.06	-45.47	23.00	74.25	32.84	-5.01	13.70	-0.38	-6.91	58.54	-16.65	1.75	0.14	-17.80	23.59
MRBLD1FB42P75_COS			2918.99	323.07	-340.63	524.17	-176.78	-47.09	-112.91	-288.70	-66.15	-22.55	75.63	69.31	37.17	35.13	66.25	-86.08
MRBLD1FB42P75_SIN			0.00	35.73	2.28	141.38	-110.77	172.06	58.38	-37.60	-51.94	-58.34	-105.07	47.55	15.14	8.03	78.48	-17.62
MRBLD1FB70_COS			404.70	7.54	-167.82	147.98	-57.55	-11.27	-12.96	-44.33	1.53	4.09	-0.17	-1.06	-2.55	-6.13	-13.49	18.76
MRBLD1FB70_SIN			0.00	-208.84	28.39	40.94	-46.08	33.48	17.18	0.30	-3.04	1.28	1.14	1.78	1.98	0.45	-16.87	2.72
MRBLD1FB87_COS			-70.15	31.59	-149.34	42.54	-56.16	-20.48	-0.83	26.45	11.42	7.02	-10.69	-14.72	-5.94	-6.40	-16.52	13.48
MRBLD1FB87_SIN			0.00	-194.56	53.28	60.87	-14.24	6.18	-1.31	2.11	3.15	8.37	26.22	-11.84	-3.09	0.43	-13.78	5.30
MRBLD1FB120_COS			-455.46	23.79	-236.94	11.51	-26.43	2.86	17.85	64.27	-1.07	-9.45	-3.66	4.64	4.15	7.77	22.40	-20.83
MRBLD1FB120_SIN			0.00	-207.54	88.06	129.72	40.15	-23.50	-30.66	-4.42	4.93	-1.77	-9.62	4.46	-2.00	-4.45	19.20	-7.73
MRBLD1FB164_COS			-261.86	124.04	-285.54	101.90	174.56	63.50	-8.06	-85.58	-2.22	8.24	0.83	-5.82	-2.21	-0.91	-6.96	9.50
MRBLD1FB164_SIN			0.00	-449.34	103.54	110.65	111.65	-28.72	24.42	-4.15	-9.82	2.04	16.91	-10.50	-3.21	1.62	-9.28	6.43

RUN	POINT		Harmonics															
	48	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-311.90	60.54	-139.15	45.78	130.18	58.11	-26.43	-88.96	14.01	12.22	-26.42	-18.61	11.90	15.18	24.44	-26.23
MRBLD1FB180_SIN			0.00	-368.74	71.86	46.28	51.75	-16.69	42.04	14.32	-19.20	-9.32	52.41	-15.24	-10.40	-12.59	21.88	-6.38
MRBLD1TOR51_COS			-1541.68	137.74	63.51	104.35	0.15	-38.78	13.09	-29.91	8.25	4.41	-7.42	-0.02	5.60	6.12	0.37	-4.03
MRBLD1TOR51_SIN			0.00	-330.69	29.31	41.82	31.31	14.04	22.89	19.46	1.16	-9.28	-1.61	-5.48	0.48	2.23	10.46	-8.46
MRBLD1TOR71_COS			-389.20	153.68	49.27	80.04	6.92	-27.09	17.92	-16.83	6.86	0.73	-10.34	-0.70	4.70	5.12	0.06	-2.07
MRBLD1TOR71_SIN			0.00	-313.40	22.87	20.67	24.83	8.85	22.32	26.48	6.44	-4.80	2.96	-6.69	-0.73	1.03	5.18	-3.43
MRBLD1TOR130_COS			-163.11	141.78	70.43	58.19	22.84	-19.32	12.88	-16.41	5.77	0.69	5.01	-0.63	0.57	-1.23	-3.33	-0.32
MRBLD1TOR130_SIN			0.00	-307.94	15.68	6.19	33.93	10.33	19.22	17.28	4.25	-1.45	3.77	9.60	3.78	1.51	-2.79	4.92
MRBLD1TOR164_COS			-304.66	82.47	95.55	17.90	3.85	-20.20	-0.35	-3.93	6.95	2.40	-1.98	-0.65	1.28	2.00	-1.29	-1.71
MRBLD1TOR164_SIN			0.00	-197.36	2.10	-19.47	-2.16	15.93	15.47	13.93	1.35	-1.42	5.74	4.40	2.09	0.41	1.08	-1.53
MRFBM1CB26P5_COS			-4435.51	-759.33	-5.37	76.47	-2.95	-11.68	-7.15	-14.79	-0.54	-0.08	7.47	-0.41	0.17	0.52	-4.15	-0.97
MRFBM1CB26P5_SIN			0.00	-251.56	11.77	-13.18	-5.83	-14.80	-3.06	-9.78	-4.00	-2.42	-3.43	4.07	1.73	2.47	5.47	-3.75
MRFBM1FB9_COS			265.15	139.16	111.28	-102.50	16.28	16.91	7.28	10.46	-1.54	-2.73	-5.11	0.65	0.35	0.30	2.08	-1.03
MRFBM1FB9_SIN			0.00	7.91	10.28	-92.31	10.69	-11.61	0.12	12.18	3.77	0.98	0.61	-3.15	-1.62	-1.06	-2.48	2.82
MRFBM1TOR26P5_COS			-354.08	82.79	-0.33	0.66	-0.16	-0.17	0.29	-0.13	0.17	0.08	-0.12	0.07	0.02	0.02	0.15	-0.01
MRFBM1TOR26P5_SIN			0.00	-100.75	0.39	0.08	0.60	-0.17	0.64	0.01	0.18	0.04	-0.03	-0.18	0.03	0.03	0.00	-0.02

RUN	POINT		Harmonics															
	48	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1160.41	-1567.38	5.09	240.33	8.99	-68.54	-43.51	-107.14	20.71	31.16	41.76	11.65	-0.97	4.57	-5.82	-12.80
MRPC1CB33P25_SIN			0.00	-258.80	-10.31	31.73	43.66	13.36	23.16	-47.74	-32.74	-21.03	-60.93	53.22	19.40	12.15	47.41	-31.20
MRPC1FB33P25_COS			2194.09	241.60	-309.10	409.44	-122.07	-88.61	-111.14	-211.81	-25.21	16.81	116.65	19.32	13.43	15.07	-29.31	-35.37
MRPC1FB33P25_SIN			0.00	206.95	-60.55	213.64	-124.82	130.23	2.68	-145.61	-71.63	-55.89	-36.11	79.69	36.74	33.28	106.81	-87.67
MRPC1TOR25P5_COS			-617.84	-113.78	-120.84	-101.32	-2.25	29.82	-25.04	20.17	-8.85	-2.26	16.97	1.70	-8.74	-6.28	-9.03	-2.13
MRPC1TOR25P5_SIN			0.00	396.18	-75.47	-20.42	-36.35	-3.46	-25.98	-30.16	-6.56	5.90	-2.38	18.30	1.55	-0.25	-3.16	2.43
MRPLK1LOAD_COS			-62.08	-8.90	-11.20	-12.92	0.31	4.55	-2.95	4.23	-1.15	-0.74	2.33	-0.41	-1.10	-1.05	-1.74	-0.07
MRPLK1LOAD_SIN			0.00	23.15	-5.94	-4.09	-4.25	-0.80	-3.54	-3.09	-0.60	0.53	0.21	2.46	-0.11	-0.17	-1.41	1.12
PITCHRH_COS			7424.86	-8511.64	-442.97	-7.30	-41.57	-1112.68	-150.43	30.39	288.80	-27.28	53.87	-63.30	-12.75	65.74	-4.49	-154.01
PITCHRH_SIN			0.00	2530.17	-763.34	27.72	61.16	-132.19	155.80	163.77	28.86	40.20	-28.15	24.74	28.35	107.92	-16.68	261.89
ROLLRH_COS			903.41	-1857.73	797.85	5.56	-86.91	507.97	-104.89	-34.78	123.93	8.83	317.85	-34.78	-35.15	57.14	-90.85	-584.39
ROLLRH_SIN			0.00	-8481.29	-627.51	46.44	120.89	-150.83	-285.49	72.01	45.60	43.10	-50.96	-52.42	17.48	-66.48	20.53	-167.07
TORQ_COS			31633.28	354.95	-0.43	18.10	-177.09	107.02	-2.02	29.96	-6.94	-0.98	-2.71	3.32	6.04	-3.41	-2.55	-10.93
TORQ_SIN			0.00	532.41	-8.30	17.23	-178.64	119.42	-6.62	12.96	-8.78	-0.89	11.62	3.71	-7.73	2.33	-10.05	-1.32
THRUST_COS			5551.69	9.60	14.42	12.84	22.88	39.17	3.98	19.96	-7.84	-6.32	-33.96	3.42	4.32	-2.30	-1.13	28.35
THRUST_SIN			0.00	-99.30	-0.69	9.88	43.40	-69.53	8.90	-5.30	-0.79	-1.05	29.21	-4.61	-1.01	-3.28	-10.23	43.15

RUN	POINT		Harmonics															
	48	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.40	-20.85	-16.43	-4.46	-24.47	-8.93	7.55	-0.77	-2.69	-1.50	-14.06	1.70	1.24	-1.90	2.18	16.48
SIDERH_SIN			0.00	234.48	14.27	4.06	-72.82	18.91	18.95	-1.93	-1.63	-1.32	2.90	3.73	-0.57	2.22	-0.54	4.52
DRAGRH_COS			-182.47	244.80	14.67	0.15	-17.41	-0.66	-1.61	-5.08	-2.51	-0.42	5.24	6.91	-1.44	-3.89	-1.64	7.32
DRAGRH_SIN			0.00	-65.63	18.83	-2.02	-3.57	-87.33	-39.92	0.00	6.77	-5.84	1.68	-3.61	-0.79	-3.92	-0.40	-10.98

RUN	POINT		Harmonics															
	48	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.42	0.37	0.04	-0.09	-0.07	-0.03	0.03	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.57	0.05	-0.01	-0.05	-0.03	-0.01	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.61	-0.04	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.06	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-9.97	5.13	0.29	-3.31	-2.34	-0.55	0.72	0.18	-0.08	-0.38	0.11	0.24	0.21	0.02	0.19	0.09
ACT1FORCE_SIN			0.00	16.08	1.50	0.86	-0.73	-0.89	-0.17	-0.02	0.30	0.02	-0.34	-0.05	0.07	-0.01	-0.08	0.10
FA1IBCURRENT_COS			-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.61	6.86	-0.10	-0.03	0.08	0.08	0.01	-0.02	-0.04	0.01	0.05	-0.02	-0.03	-0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	-250.97	0.16	-0.02	-0.11	-0.05	0.08	0.05	-0.02	-0.05	0.02	0.01	0.01	0.01	-0.01	0.01
FA1OBCURRENT_COS			0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.10	-6.72	0.05	0.03	-0.09	-0.07	-0.02	0.01	0.03	-0.01	-0.04	0.02	0.03	0.01	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	251.45	0.02	0.01	0.11	0.05	-0.07	-0.04	0.02	0.04	-0.01	-0.01	-0.01	-0.02	0.01	-0.01
MRBLD1CB42P75_COS			-3431.77	-1553.30	-19.17	247.67	-15.17	-68.25	-34.46	-127.90	35.20	27.62	-37.63	29.20	-1.59	-12.05	-44.37	5.24
MRBLD1CB42P75_SIN			0.00	-89.11	-51.69	55.39	190.34	-2.80	-1.77	50.70	-62.20	-4.33	-96.22	56.72	26.68	17.60	25.54	-20.99

RUN	POINT		Harmonics															
	48	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2805.18	-973.12	264.14	138.16	14.69	-35.88	-61.48	-83.70	20.39	29.39	-30.58	23.14	5.10	-3.34	-29.07	2.94
MRBLD1CB70_SIN			0.00	-33.16	-64.87	89.08	322.27	37.08	44.69	62.01	-32.64	0.24	-76.27	30.68	11.63	7.99	20.58	-21.35
MRBLD1CB120_COS			-564.34	-425.52	408.13	133.79	15.94	19.30	-54.02	-21.86	-35.84	-0.71	45.58	-5.86	5.93	7.29	0.24	3.33
MRBLD1CB120_SIN			0.00	101.09	-150.23	10.26	300.88	46.71	63.23	44.94	4.41	-5.81	57.57	-19.17	-1.95	-1.23	-4.82	-7.38
MRBLD1CB164_COS			-1955.47	-122.65	131.04	27.18	-34.26	14.87	-10.27	38.51	-32.05	-9.65	37.59	-7.81	1.32	3.54	16.54	-6.52
MRBLD1CB164_SIN			0.00	73.13	-51.02	15.39	117.87	30.59	20.76	-4.58	4.85	-18.22	64.46	-10.32	3.65	-0.59	-10.91	14.19
MRBLD1FB42P75_COS			3013.30	240.62	-430.79	513.00	-145.50	-81.58	-74.31	-256.74	-105.72	-35.85	36.05	73.52	46.53	25.85	-18.71	-46.56
MRBLD1FB42P75_SIN			0.00	2.78	-27.54	105.38	156.56	47.13	-8.18	168.64	-112.00	-81.98	-73.94	18.10	23.56	30.48	96.50	-49.18
MRBLD1FB70_COS			424.46	1.60	-204.23	148.06	-54.80	-17.74	-6.47	-35.44	-3.71	2.69	-1.48	-0.84	-4.41	-5.24	5.05	11.54
MRBLD1FB70_SIN			0.00	-208.51	11.34	30.11	38.31	-0.05	0.66	39.35	-9.32	1.82	2.79	3.62	1.89	-4.04	-21.08	10.98
MRBLD1FB87_COS			-63.68	30.45	-168.02	42.29	-54.27	-23.20	-4.89	25.26	16.43	9.89	0.47	-15.47	-7.05	-5.68	-0.25	5.70
MRBLD1FB87_SIN			0.00	-204.28	41.28	58.96	20.08	1.48	-2.12	-15.37	12.86	11.00	17.14	-4.27	-3.44	-2.76	-19.43	8.24
MRBLD1FB120_COS			-469.84	46.99	-247.84	-3.53	-19.29	1.89	9.00	49.06	6.49	-8.42	-9.25	3.52	6.38	8.32	-1.17	-8.97
MRBLD1FB120_SIN			0.00	-257.17	94.82	129.96	24.23	5.30	-11.09	-57.80	11.98	-3.05	-9.63	-2.26	-4.86	-0.03	27.71	-13.16
MRBLD1FB164_COS			-170.71	35.73	-364.07	64.62	150.60	60.23	15.33	-76.83	-9.72	11.34	7.25	-7.25	-3.78	-2.15	2.81	3.40
MRBLD1FB164_SIN			0.00	-283.06	76.09	161.43	21.06	-21.17	10.95	73.68	-25.68	2.92	16.54	-1.39	-3.87	-0.86	-12.11	5.39

RUN	POINT		Harmonics															
	48	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-223.69	-23.21	-214.93	41.03	124.20	38.96	-13.80	-70.14	14.64	16.62	-11.46	-30.30	7.52	16.03	-5.89	-15.65
MRBLD1FB180_SIN			0.00	-177.78	39.76	68.34	19.88	-11.11	4.72	70.92	-17.17	-1.76	30.23	-5.60	-7.84	-4.31	30.78	-14.69
MRBLD1TOR51_COS			-1431.77	18.20	-40.72	93.75	-5.26	-28.30	-4.02	-18.04	9.81	2.06	-6.90	-2.10	4.35	1.49	-7.31	2.36
MRBLD1TOR51_SIN			0.00	-44.18	-21.25	24.94	32.44	4.70	-16.00	56.33	0.97	-3.23	-4.73	-6.63	0.89	3.06	3.13	-9.35
MRBLD1TOR71_COS			-287.46	38.71	-46.04	70.11	5.14	-17.74	2.22	-3.61	8.31	0.43	-6.56	-4.37	3.57	3.53	-4.36	0.86
MRBLD1TOR71_SIN			0.00	-45.60	-24.00	7.80	16.50	5.07	-9.90	52.30	9.37	1.43	1.19	-6.18	-1.43	1.35	1.61	-4.83
MRBLD1TOR130_COS			-60.45	25.86	-23.89	46.02	21.87	-13.02	1.87	-7.03	5.71	2.81	3.11	-0.43	-0.55	-0.36	-1.24	-2.30
MRBLD1TOR130_SIN			0.00	-29.38	-26.07	-2.13	15.26	9.49	-4.01	41.52	2.43	0.90	4.21	10.96	4.16	0.05	-1.87	4.81
MRBLD1TOR164_COS			-240.54	2.25	39.57	16.28	-2.52	-17.88	-5.55	2.66	5.97	4.23	1.36	-0.13	2.53	3.88	-3.15	-1.75
MRBLD1TOR164_SIN			0.00	2.12	-23.99	-26.49	4.66	6.55	0.67	22.26	4.59	-0.90	4.59	5.89	2.90	0.56	0.45	0.11
MRFBM1CB26P5_COS			-4496.98	-653.89	-49.80	92.44	4.31	-11.03	5.83	-14.86	1.74	-0.28	1.86	1.38	-0.66	-1.30	-5.89	0.93
MRFBM1CB26P5_SIN			0.00	-109.45	-4.60	-18.38	-14.34	-13.67	-14.94	-2.46	-12.14	-3.10	-0.68	3.30	3.41	2.63	1.46	-3.35
MRFBM1FB9_COS			378.74	-15.83	174.65	-102.60	28.18	12.58	5.66	16.72	-1.75	-2.00	-2.85	-0.37	0.47	1.10	3.00	-1.60
MRFBM1FB9_SIN			0.00	-50.44	39.86	-80.12	-20.09	-0.30	7.14	2.34	6.74	2.04	2.29	-2.92	-1.90	-0.73	0.19	1.32
MRFBM1TOR26P5_COS			-352.82	80.41	-0.85	0.44	-0.23	-0.06	-0.03	-0.05	0.18	-0.12	-0.08	0.04	0.02	0.00	0.15	0.05
MRFBM1TOR26P5_SIN			0.00	-98.79	0.03	-0.08	0.23	-0.23	-0.04	0.24	0.25	0.05	-0.12	-0.25	-0.02	0.08	0.02	-0.05

RUN	POINT		Harmonics															
	48	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1180.36	-1408.08	-95.81	275.70	-24.80	-59.23	-18.98	-115.29	14.83	16.41	-11.56	24.06	1.94	-7.27	-41.60	6.28
MRPC1CB33P25_SIN			0.00	-51.36	-30.84	4.31	98.98	-12.27	-18.22	31.42	-66.35	-16.09	-54.69	42.13	24.16	18.23	22.35	-24.16
MRPC1FB33P25_COS			2274.24	173.85	-369.52	403.93	-161.75	-81.49	-57.47	-270.47	-27.42	17.66	66.96	42.85	15.19	-7.73	-98.82	17.22
MRPC1FB33P25_SIN			0.00	158.90	-93.21	183.71	103.24	17.20	-33.80	26.30	-136.89	-78.97	-36.93	60.23	49.22	41.07	43.59	-70.25
MRPC1TOR25P5_COS			-732.24	5.49	-3.30	-91.37	-3.44	19.19	-1.86	4.51	-11.76	2.18	8.99	5.81	-5.35	-1.41	-7.99	-4.39
MRPC1TOR25P5_SIN			0.00	89.62	-26.76	-0.25	-28.61	-0.09	16.99	-62.93	-10.25	0.80	1.40	17.47	2.00	0.05	-1.67	4.44
MRPLK1LOAD_COS			-76.99	7.69	2.97	-11.47	0.09	3.17	0.10	2.06	-1.35	0.40	1.65	-0.09	-0.66	-0.19	-1.40	-0.90
MRPLK1LOAD_SIN			0.00	-15.57	0.62	-1.68	-3.97	0.24	2.26	-8.07	-1.05	0.05	0.96	2.74	0.00	-0.36	-1.00	1.26
PITCHRH_COS			10847.18	-8668.05	-842.92	-55.93	-56.18	-398.61	-75.07	64.94	117.31	-75.21	75.08	-20.52	35.72	-34.04	14.66	-292.90
PITCHRH_SIN			0.00	2502.97	-836.83	167.92	-16.13	581.34	88.64	55.38	26.14	-77.90	-276.95	74.35	20.21	91.92	3.11	189.91
ROLLRH_COS			2803.83	-2003.10	821.92	-70.27	-78.30	-1116.97	-225.11	2.07	130.53	95.17	264.60	-80.91	18.68	63.04	-36.69	-520.49
ROLLRH_SIN			0.00	-8611.02	-1019.24	-64.30	97.54	99.98	-160.79	-15.62	-18.04	-50.06	-53.04	-30.02	94.23	28.04	-40.03	-214.68
TORQ_COS			31391.99	359.34	-11.36	-16.08	-141.78	74.66	-1.96	15.02	-22.38	0.15	15.42	3.35	6.77	-2.30	-2.02	5.53
TORQ_SIN			0.00	650.86	-6.15	3.40	-156.62	45.23	7.47	15.29	16.53	-7.09	-9.72	1.66	-11.39	4.57	-7.77	-15.20
THRUST_COS			5872.99	1.91	4.21	-3.14	26.79	34.71	8.28	11.61	-3.02	-2.48	-15.73	-1.06	1.94	-0.87	4.01	12.04
THRUST_SIN			0.00	-109.39	-9.33	15.22	43.11	-26.70	4.50	8.59	-3.69	3.20	22.97	-6.45	-4.51	-2.45	-6.24	34.49

RUN	POINT		Harmonics															
	48	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-164.90	-1.08	-13.05	0.24	-33.67	70.33	14.75	-3.85	-2.75	-4.50	-11.67	4.70	-0.72	-2.01	0.60	15.46
SIDERH_SIN			0.00	226.85	18.80	0.69	-52.58	-78.97	11.34	0.05	-0.30	3.70	2.11	1.77	-3.07	-0.84	1.11	6.38
DRAGRH_COS			-142.91	240.71	15.79	2.12	-8.17	35.54	-18.50	-0.45	-0.71	1.79	1.30	1.04	-2.84	1.10	-1.66	12.67
DRAGRH_SIN			0.00	-69.78	6.82	-0.90	9.44	69.14	-18.46	6.65	1.56	3.12	12.68	-8.02	3.20	-3.84	-1.56	-9.82

RUN	POINT		Harmonics															
	48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-6.40	-0.92	-0.43	-3.59	-2.74	-0.50	0.06	0.62	0.00	0.01	0.11	0.22	0.23	0.11	0.15	0.07
ACT1FORCE_SIN			0.00	12.31	1.67	1.08	0.02	-0.80	-0.22	-0.11	0.07	-0.06	-0.18	0.06	0.10	-0.09	0.02	0.08
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			493.62	-3.08	-2.46	32.24	26.41	6.43	-0.03	-0.01	-0.01	-0.02	0.01	0.00	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-95.98	-12.70	-8.15	0.89	5.22	-0.01	0.00	-0.01	-0.02	0.01	0.01	0.00	0.00	-0.01	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			311.90	3.05	2.47	-32.28	-26.48	-6.46	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	96.16	12.75	8.13	-0.94	-5.24	0.00	-0.01	0.00	0.02	-0.01	-0.01	-0.01	-0.01	0.01	0.01
MRBLD1CB42P75_COS			-3434.87	-1790.75	21.92	209.74	-20.26	-70.99	-63.52	-148.12	40.88	46.12	-12.32	4.27	-2.92	-5.24	-30.62	-4.08
MRBLD1CB42P75_SIN			0.00	-261.99	-41.58	90.23	110.65	-14.60	25.72	-29.30	-45.59	2.86	-81.05	41.23	13.01	7.04	35.76	-39.67

RUN	POINT		Harmonics															
	48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2794.91	-1120.79	266.86	112.57	18.11	-49.62	-69.75	-107.45	29.82	47.38	-14.53	5.45	-2.01	-2.79	-17.33	-9.12
MRBLD1CB70_SIN			0.00	-146.01	-63.34	118.62	245.55	13.16	46.93	10.87	-28.95	5.26	-53.11	22.79	8.34	1.09	25.66	-39.51
MRBLD1CB120_COS			-594.46	-464.29	382.91	109.44	12.54	3.61	-41.37	-32.74	-27.90	-11.50	33.94	5.98	6.44	7.72	-0.80	3.11
MRBLD1CB120_SIN			0.00	45.96	-144.46	29.72	212.58	38.18	34.12	25.14	-7.86	-16.94	49.16	-12.60	1.21	1.27	-3.67	-9.91
MRBLD1CB164_COS			-1954.04	-144.18	123.80	18.32	-37.69	9.24	13.18	36.89	-31.91	-23.51	30.19	5.26	7.29	4.86	11.45	-1.24
MRBLD1CB164_SIN			0.00	64.90	-48.32	24.46	84.32	24.71	3.71	15.22	-5.03	-28.77	45.67	-4.64	5.37	3.65	-10.90	30.55
MRBLD1FB42P75_COS			2985.36	319.17	-384.60	473.96	-236.35	-78.32	-132.57	-333.30	-95.00	-54.83	36.35	51.80	29.15	20.75	14.43	-89.74
MRBLD1FB42P75_SIN			0.00	24.84	-8.61	177.87	-34.61	121.71	40.90	13.29	-90.35	-76.75	-95.45	25.65	6.29	13.01	96.72	-52.28
MRBLD1FB70_COS			419.43	5.88	-183.28	130.87	-79.72	-17.98	-18.96	-52.02	-1.60	3.36	-1.13	-1.11	-2.04	-3.92	-2.17	20.29
MRBLD1FB70_SIN			0.00	-212.09	21.66	54.97	-23.45	17.25	11.84	10.47	-7.30	1.55	2.90	2.62	2.73	-0.54	-20.51	10.64
MRBLD1FB87_COS			-61.81	36.09	-150.27	35.41	-61.17	-21.41	-1.48	30.67	15.65	13.33	-0.53	-9.59	-3.94	-2.88	-4.94	14.45
MRBLD1FB87_SIN			0.00	-205.08	48.48	70.01	-3.43	1.88	-3.17	-3.25	8.10	9.83	21.26	-6.25	-0.20	-0.71	-18.40	11.79
MRBLD1FB120_COS			-449.94	30.19	-226.86	4.14	-17.42	0.57	25.93	75.00	3.08	-9.09	-7.96	1.58	2.95	3.16	4.28	-22.36
MRBLD1FB120_SIN			0.00	-246.01	89.30	143.31	44.59	-6.55	-22.93	-17.44	13.30	-1.03	-8.89	2.07	-3.85	-2.32	26.57	-17.62
MRBLD1FB164_COS			-236.83	89.61	-340.66	69.34	188.31	74.79	-8.40	-105.05	-4.59	10.12	7.43	-0.67	-0.50	0.27	1.86	11.08
MRBLD1FB164_SIN			0.00	-350.86	88.50	153.86	86.97	-23.80	11.92	11.80	-19.11	0.27	16.31	-5.36	-1.03	2.25	-9.19	11.65

RUN	POINT		Harmonics															
	48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-298.07	20.05	-195.80	21.33	131.46	64.68	-28.79	-105.98	17.51	29.48	-4.92	-14.78	9.90	12.33	5.17	-28.14
MRBLD1FB180_SIN			0.00	-253.01	61.64	74.08	46.09	-9.75	24.43	23.38	-19.33	-7.85	36.58	-7.03	-1.40	-6.07	28.50	-20.89
MRBLD1TOR51_COS			-1522.44	71.23	-5.72	77.11	-18.99	-27.29	2.30	-44.97	5.59	6.63	-3.95	-0.68	2.45	2.66	-3.23	1.53
MRBLD1TOR51_SIN			0.00	-150.87	6.37	40.14	2.84	-0.73	12.64	33.49	-1.95	-7.63	-1.89	-4.63	0.34	0.61	6.88	-10.96
MRBLD1TOR71_COS			-372.59	91.41	-14.43	56.12	-6.25	-16.51	9.80	-27.73	4.56	3.47	-4.94	-0.90	1.98	3.26	-1.72	1.34
MRBLD1TOR71_SIN			0.00	-144.85	1.90	18.30	-2.86	-2.04	14.36	38.27	5.71	-2.69	2.66	-4.29	-0.34	0.01	2.71	-5.53
MRBLD1TOR130_COS			-148.50	79.00	5.86	36.41	12.24	-11.17	7.22	-24.58	3.88	1.87	4.53	-0.05	0.47	-0.05	-2.95	-3.32
MRBLD1TOR130_SIN			0.00	-132.67	-2.75	5.33	7.21	1.25	13.47	27.09	2.15	-2.03	2.37	8.70	3.51	1.66	-2.82	4.70
MRBLD1TOR164_COS			-301.97	38.14	56.35	6.84	-8.04	-17.38	-4.75	-6.68	6.26	4.57	0.35	-0.58	1.68	2.61	-4.01	-3.38
MRBLD1TOR164_SIN			0.00	-70.68	-8.34	-24.39	-13.84	5.44	10.72	17.97	3.76	-0.31	5.01	5.37	2.75	1.18	-0.08	-2.76
MRFBM1CB26P5_COS			-4489.62	-773.07	-29.36	81.45	-1.27	-7.20	0.62	-14.38	-0.09	-1.83	3.37	0.54	0.61	-0.05	-5.59	0.86
MRFBM1CB26P5_SIN			0.00	-207.94	2.02	-12.37	-18.52	-12.53	-7.86	-11.25	-7.28	-3.76	-4.58	2.65	0.89	1.75	3.07	-4.60
MRFBM1FB9_COS			343.07	89.20	142.53	-87.41	28.20	16.04	8.52	14.26	-1.88	-2.18	-3.28	0.37	-0.01	0.60	2.82	-1.96
MRFBM1FB9_SIN			0.00	-10.27	27.16	-96.92	6.62	-5.03	4.36	11.76	5.91	2.00	1.65	-1.84	-1.11	-0.42	-0.78	2.93
MRFBM1TOR26P5_COS			-353.60	82.05	-0.66	0.48	-0.27	0.00	0.15	-0.25	0.19	0.07	-0.10	0.02	0.01	0.00	0.19	0.05
MRFBM1TOR26P5_SIN			0.00	-98.76	0.27	0.08	0.09	-0.26	0.44	0.10	0.20	0.11	0.02	-0.18	0.01	0.03	0.06	0.01

RUN	POINT		Harmonics															
	48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1179.68	-1609.66	-48.99	240.11	-41.02	-57.98	-45.14	-127.34	17.64	22.64	5.02	6.28	1.72	-1.24	-29.32	-2.31
MRPC1CB33P25_SIN			0.00	-188.03	-24.47	38.48	29.79	-8.06	8.40	-38.46	-48.80	-14.69	-52.96	32.93	10.79	8.87	32.80	-41.34
MRPC1FB33P25_COS			2250.06	241.68	-339.10	361.73	-190.93	-100.75	-121.25	-267.22	-30.50	2.18	80.51	20.28	15.09	2.21	-78.32	-5.72
MRPC1FB33P25_SIN			0.00	188.91	-73.28	237.06	-74.23	79.30	-17.65	-123.70	-114.49	-86.29	-50.95	51.28	24.58	25.31	71.86	-111.90
MRPC1TOR25P5_COS			-636.06	-43.37	-45.28	-73.72	11.56	16.77	-13.13	34.27	-6.34	-4.69	8.03	2.47	-4.04	-2.26	-11.41	-6.85
MRPC1TOR25P5_SIN			0.00	204.51	-51.03	-15.66	-3.42	8.90	-14.59	-44.40	-4.75	4.32	-2.06	13.94	0.91	2.08	-4.20	0.54
MRPLK1LOAD_COS			-64.61	0.15	-1.64	-9.30	2.46	2.87	-1.27	6.27	-0.81	-0.94	1.50	-0.14	-0.54	-0.39	-1.97	-1.10
MRPLK1LOAD_SIN			0.00	-1.19	-2.94	-3.86	-0.22	1.14	-2.11	-5.12	-0.25	0.26	0.06	2.12	-0.13	0.10	-1.71	0.64
PITCHRH_COS			7103.17	-8779.55	-322.82	-48.53	-46.85	-1074.98	-73.43	-38.76	202.14	-21.02	-1.06	-42.50	-0.41	1.33	-1.93	-290.58
PITCHRH_SIN			0.00	2729.06	-639.32	33.80	-16.36	131.70	124.60	146.49	87.05	-64.72	-170.50	37.13	18.17	83.46	-18.53	218.36
ROLLRH_COS			1516.90	-2154.01	714.12	-35.48	-90.19	-184.21	-135.63	-10.13	117.18	18.21	331.57	-50.50	-45.50	65.99	-91.12	-631.07
ROLLRH_SIN			0.00	-8619.38	-491.34	-6.23	77.48	-350.24	-189.52	8.17	31.74	35.60	-69.84	-35.14	-6.64	-13.54	-37.35	-346.66
TORQ_COS			31683.55	473.46	5.61	6.49	-97.35	76.52	-4.01	20.42	-12.29	-0.14	11.33	0.56	1.59	-1.89	-2.87	-8.75
TORQ_SIN			0.00	590.35	-19.48	20.05	-129.34	104.12	-0.72	27.67	-5.24	-4.88	8.91	1.64	-7.54	4.77	-7.57	-4.98
THRUST_COS			5676.57	-62.94	9.20	15.62	12.54	41.43	5.28	17.09	-3.52	-4.64	-17.11	0.73	2.29	-0.89	4.76	22.31
THRUST_SIN			0.00	-83.90	8.19	8.20	38.52	-49.64	6.48	8.44	-1.22	0.82	29.56	-5.78	1.77	-2.73	-10.37	52.56

RUN	POINT		Harmonics															
	48	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.26	-3.27	-15.39	-5.10	-18.55	47.82	11.31	-1.41	-2.67	-1.38	-14.57	2.96	1.58	-2.06	2.36	18.06
SIDERH_SIN			0.00	214.47	12.28	2.92	-58.67	-21.57	12.73	-1.08	-0.77	-1.11	3.11	2.64	0.46	0.53	1.05	10.10
DRAGRH_COS			-181.58	237.83	10.52	-0.38	-15.80	-8.16	-10.38	-4.75	-3.70	0.66	6.31	4.47	-0.17	-1.34	-1.35	14.11
DRAGRH_SIN			0.00	-67.52	15.33	-1.13	5.14	-20.17	-33.02	0.56	2.46	2.57	11.94	-5.59	-0.60	-3.04	-0.77	-9.34

RUN	POINT		Harmonics															
	48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-4.07	-1.03	-0.84	-3.56	-2.73	0.01	0.06	0.65	0.02	-0.07	0.12	0.24	0.21	0.14	0.03	0.11
ACT1FORCE_SIN			0.00	11.67	2.17	1.06	-0.26	-0.58	-0.25	-0.02	0.00	-0.03	-0.09	0.02	0.16	-0.02	-0.04	0.09
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			594.91	-2.43	1.58	33.12	27.41	1.95	-0.03	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	0.00	0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-92.35	-16.76	-7.28	3.55	2.45	-0.03	0.00	-0.01	-0.02	0.01	0.00	-0.01	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			210.41	2.36	-1.60	-33.16	-27.45	-1.97	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	92.51	16.80	7.22	-3.64	-2.47	0.01	-0.01	0.01	0.02	-0.02	0.00	0.01	0.00	0.00	-0.01
MRBLD1CB42P75_COS			-3376.12	-2165.25	70.33	219.36	-43.51	-75.74	-75.22	-169.27	58.05	52.24	-0.95	14.97	-7.86	-3.46	-14.44	-13.65
MRBLD1CB42P75_SIN			0.00	-487.03	-67.07	145.10	55.10	-15.78	46.23	-81.85	-35.87	5.16	-77.87	48.24	6.71	-1.95	32.42	-41.73

RUN	POINT		Harmonics															
	48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2830.96	-1367.38	281.61	116.17	7.99	-38.38	-81.05	-136.11	41.46	51.69	0.72	12.69	-5.28	-1.20	-4.46	-18.31
MRBLD1CB70_SIN			0.00	-310.41	-75.18	164.64	181.68	3.63	43.93	-24.44	-21.54	7.63	-39.21	30.07	2.13	-6.12	23.21	-41.66
MRBLD1CB120_COS			-613.32	-564.77	371.81	105.67	-6.65	29.27	-39.39	-50.36	-35.13	-23.01	20.75	-1.25	10.11	9.95	1.45	3.67
MRBLD1CB120_SIN			0.00	-38.30	-143.01	65.14	148.46	27.61	2.30	17.10	-2.99	-17.19	46.96	-15.66	2.30	2.60	-1.75	-8.91
MRBLD1CB164_COS			-1951.22	-168.46	117.21	17.82	-47.12	23.15	22.81	33.36	-42.78	-32.45	15.60	0.00	9.74	4.23	3.22	3.08
MRBLD1CB164_SIN			0.00	37.49	-44.51	43.53	56.57	18.28	-13.52	31.60	-7.66	-31.17	31.06	-12.13	7.26	7.79	-9.59	32.94
MRBLD1FB42P75_COS			2931.38	442.53	-345.78	522.17	-378.19	-76.10	-138.46	-399.20	-83.80	-68.27	-10.62	49.84	16.89	13.55	31.74	-97.21
MRBLD1FB42P75_SIN			0.00	57.09	-10.14	274.56	-131.79	136.52	67.40	-70.54	-73.42	-67.94	-104.91	21.08	2.41	-6.56	59.16	-39.95
MRBLD1FB70_COS			410.57	13.95	-163.56	145.17	-122.60	-18.34	-20.68	-64.38	1.75	3.73	-0.35	-0.06	0.48	-1.88	-6.71	20.94
MRBLD1FB70_SIN			0.00	-215.93	20.05	92.91	-55.67	22.44	16.39	-5.96	-4.18	3.15	3.07	1.85	3.07	3.68	-11.50	7.85
MRBLD1FB87_COS			-60.26	44.34	-136.53	43.04	-76.91	-20.99	-2.61	34.58	14.50	15.96	7.93	-10.76	-1.44	0.01	-6.95	16.00
MRBLD1FB87_SIN			0.00	-202.74	48.17	90.80	-16.08	3.83	-4.13	3.64	5.45	9.20	23.53	-6.21	-0.63	2.47	-9.91	10.66
MRBLD1FB120_COS			-421.92	34.57	-209.66	16.47	-16.26	2.51	30.75	94.18	-1.79	-8.40	-8.10	2.33	-1.07	-1.76	7.50	-24.10
MRBLD1FB120_SIN			0.00	-230.78	83.42	164.27	49.02	-10.14	-27.44	6.29	8.94	-4.97	-10.63	3.97	-2.54	-8.36	12.10	-16.79
MRBLD1FB164_COS			-311.41	117.38	-327.07	93.08	250.83	89.39	-16.19	-126.45	1.28	8.35	9.39	-3.15	1.26	2.76	0.82	13.36
MRBLD1FB164_SIN			0.00	-367.10	71.27	157.60	135.42	-30.33	11.01	-24.29	-6.35	5.76	17.74	-7.90	-5.13	4.38	-0.05	14.30

RUN	POINT		Harmonics															
	48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-379.05	33.49	-187.50	24.13	165.40	81.65	-32.18	-136.85	18.97	36.51	11.57	-24.71	2.87	8.12	12.55	-28.33
MRBLD1FB180_SIN			0.00	-275.67	52.52	73.72	68.12	-12.54	32.58	-6.86	-11.10	-5.56	37.18	-9.17	-4.69	-14.63	8.60	-21.52
MRBLD1TOR51_COS			-1639.80	73.75	16.89	81.63	-25.07	-25.95	2.98	-67.97	4.00	7.05	0.34	-1.42	1.79	4.47	2.59	2.19
MRBLD1TOR51_SIN			0.00	-225.08	5.15	58.35	-7.62	-1.99	29.62	17.02	-0.07	-7.00	-0.09	-6.17	-2.07	-2.09	6.32	-9.91
MRBLD1TOR71_COS			-482.63	98.53	5.73	58.34	-8.19	-15.95	10.84	-47.25	2.57	3.51	-1.07	-1.69	1.59	3.55	1.66	2.77
MRBLD1TOR71_SIN			0.00	-212.40	1.77	30.53	-6.82	-4.10	28.40	27.98	6.51	-2.34	4.74	-5.46	-1.19	-1.70	1.65	-4.84
MRBLD1TOR130_COS			-261.41	83.98	24.08	39.49	14.55	-11.16	8.51	-38.62	2.69	-0.39	3.88	0.25	0.91	-0.57	-5.07	-3.77
MRBLD1TOR130_SIN			0.00	-203.28	-4.20	11.93	11.65	-2.82	22.99	17.95	4.47	-2.58	-0.41	8.52	3.89	2.44	-3.16	3.09
MRBLD1TOR164_COS			-379.93	36.73	64.13	4.93	-11.14	-19.29	-6.43	-13.83	6.81	4.95	-0.08	-2.23	0.81	2.85	-2.16	-4.02
MRBLD1TOR164_SIN			0.00	-120.98	-8.37	-25.68	-20.64	6.39	14.31	14.21	3.84	0.51	5.22	5.13	2.71	0.58	-0.79	-3.19
MRFBM1CB26P5_COS			-4430.59	-984.07	-6.76	85.17	-7.30	-11.46	0.77	-12.25	1.37	-2.42	1.15	0.48	0.08	0.85	-2.89	0.79
MRFBM1CB26P5_SIN			0.00	-358.24	-6.49	-1.15	-16.09	-13.44	-1.45	-16.77	-5.55	-4.76	-9.13	2.09	0.51	0.69	2.60	-4.15
MRFBM1FB9_COS			294.93	291.03	107.44	-92.37	39.40	16.55	8.43	13.86	-1.67	-1.86	-3.25	0.02	-0.04	-0.12	1.68	-1.57
MRFBM1FB9_SIN			0.00	22.24	28.15	-125.71	24.43	-5.85	2.13	17.88	4.78	1.88	2.52	-2.05	-0.56	-0.12	-1.15	3.49
MRFBM1TOR26P5_COS			-354.72	83.38	-0.43	0.43	-0.09	0.03	0.24	-0.41	0.17	0.19	-0.04	0.03	0.02	-0.02	0.18	0.06
MRFBM1TOR26P5_SIN			0.00	-98.87	0.65	0.16	0.00	-0.17	0.69	0.00	0.18	0.19	0.12	-0.23	0.04	0.04	0.09	0.04

RUN	POINT		Harmonics															
	48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1152.77	-1907.88	-1.97	251.41	-73.14	-65.72	-48.75	-139.21	28.15	24.19	2.53	12.65	-1.93	1.33	-11.95	-9.84
MRPC1CB33P25_SIN			0.00	-338.92	-56.51	83.75	-11.77	-2.57	28.02	-80.05	-41.31	-14.60	-58.97	34.84	5.98	0.64	28.89	-42.05
MRPC1FB33P25_COS			2201.33	351.58	-311.00	386.01	-286.56	-102.38	-136.58	-284.36	-28.39	-11.83	52.67	20.82	8.75	12.87	-34.44	-21.42
MRPC1FB33P25_SIN			0.00	227.84	-67.01	325.46	-188.30	92.71	0.88	-216.41	-95.90	-86.72	-83.49	48.02	12.21	6.22	64.06	-112.37
MRPC1TOR25P5_COS			-514.24	-34.97	-74.05	-78.18	14.42	16.93	-16.23	57.77	-3.09	-7.03	3.36	3.05	-4.65	-4.48	-14.06	-10.02
MRPC1TOR25P5_SIN			0.00	283.28	-40.72	-32.53	1.38	11.86	-31.79	-31.07	-6.03	1.87	-5.97	17.86	3.11	2.64	-4.66	-0.53
MRPLK1LOAD_COS			-48.85	-1.14	-4.59	-10.05	3.26	2.71	-1.54	9.63	-0.52	-1.34	0.68	0.05	-0.49	-0.71	-2.51	-1.28
MRPLK1LOAD_SIN			0.00	8.47	-2.75	-6.06	0.75	1.31	-4.55	-3.08	-0.38	-0.07	-0.61	2.62	0.16	0.18	-1.93	0.29
PITCHRH_COS			3791.31	-8764.35	-306.77	-81.65	-58.14	-1723.19	-53.32	-65.73	170.79	54.99	-12.44	-16.21	5.20	24.33	-0.33	-128.57
PITCHRH_SIN			0.00	2714.37	-640.41	43.99	7.70	-94.15	36.00	131.64	90.13	-17.53	-114.31	-12.34	11.33	34.01	-20.83	130.88
ROLLRH_COS			894.38	-2066.85	733.68	-4.20	-118.05	362.88	-57.19	12.29	102.85	14.11	374.33	-21.66	-35.35	35.82	-122.65	-629.35
ROLLRH_SIN			0.00	-8633.73	-451.00	23.24	46.08	-1054.79	-204.63	34.95	13.28	106.83	-51.17	-28.54	20.12	-25.42	-48.91	-173.33
TORQ_COS			32402.93	434.01	5.64	1.60	-96.60	113.29	-2.53	11.24	-18.23	-3.76	18.94	-0.22	3.91	-3.77	-4.90	-10.86
TORQ_SIN			0.00	531.80	-17.91	12.82	-112.44	117.70	-1.79	34.18	-7.83	-1.63	20.51	5.92	-6.67	2.67	-7.70	6.39
THRUST_COS			5526.24	-53.91	8.20	10.45	11.10	46.61	3.20	13.71	-2.25	-7.47	-8.85	2.26	2.52	-1.98	5.75	33.33
THRUST_SIN			0.00	-96.96	6.76	4.05	36.97	-57.81	9.27	13.88	-0.16	-0.54	37.31	-2.11	0.97	-0.57	-7.33	51.73

RUN	POINT		Harmonics															
	48	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.03	-8.49	-14.20	-4.44	-12.79	53.94	3.03	-1.09	-2.22	-0.97	-17.28	1.41	1.36	-1.09	3.32	17.47
SIDERH_SIN			0.00	222.66	12.47	3.97	-59.18	45.76	16.09	-3.12	0.28	-4.74	2.21	2.09	-0.76	0.94	1.33	5.28
DRAGRH_COS			-211.95	241.54	12.30	-0.61	-18.67	-56.55	0.72	-6.23	-3.62	-3.92	4.79	2.61	-1.75	-0.70	-0.70	7.58
DRAGRH_SIN			0.00	-67.47	15.62	-1.62	3.29	-68.43	-26.57	-0.37	1.86	-1.75	10.37	-2.09	-0.05	-0.72	-0.28	-3.51

RUN	POINT		Harmonics															
	48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-2.81	-0.94	-1.04	-3.80	-2.41	0.30	0.30	0.76	0.01	-0.07	-0.01	0.28	0.13	0.07	0.04	0.09
ACT1FORCE_SIN			0.00	11.66	2.55	0.63	-0.78	-0.48	-0.20	-0.02	0.09	-0.09	-0.03	0.11	0.18	0.01	-0.08	0.08
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			698.34	-3.01	2.98	35.87	24.65	-1.10	-0.01	0.00	-0.02	-0.01	-0.01	0.00	-0.02	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-90.85	-19.66	-5.46	8.00	2.20	-0.02	0.00	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			106.82	2.89	-3.04	-35.91	-24.64	1.10	0.01	0.01	0.02	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	90.96	19.72	5.34	-8.16	-2.21	0.01	-0.01	0.01	0.01	-0.01	-0.01	0.01	0.00	0.00	0.00
MRBLD1CB42P75_COS			-3332.04	-2276.86	67.05	188.64	-62.55	-92.97	-90.31	-187.72	71.61	56.48	14.83	16.18	-21.79	-10.43	-7.66	-7.33
MRBLD1CB42P75_SIN			0.00	-560.11	-82.91	172.04	-9.31	-21.83	56.59	-137.77	-27.81	4.30	-100.46	82.73	27.18	-0.93	20.88	-37.39

RUN	POINT		Harmonics															
	48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2841.82	-1449.28	267.53	86.38	-14.35	-73.31	-95.82	-156.47	52.70	56.88	14.02	14.80	-9.74	-3.52	3.79	-13.47
MRBLD1CB70_SIN			0.00	-351.41	-89.36	183.24	112.14	-12.51	26.45	-64.96	-17.79	8.97	-39.71	50.83	16.95	-3.65	19.29	-36.21
MRBLD1CB120_COS			-647.80	-601.66	346.05	74.33	-48.56	4.29	-45.58	-58.92	-34.89	-33.95	9.43	-1.04	16.51	10.62	2.25	2.36
MRBLD1CB120_SIN			0.00	-30.64	-155.52	75.61	77.51	17.44	-41.81	2.84	-5.98	-15.57	56.23	-28.78	-3.63	3.65	-0.53	-5.84
MRBLD1CB164_COS			-1954.55	-179.05	108.37	4.08	-67.69	13.73	29.14	32.92	-46.98	-41.57	5.64	0.29	12.50	5.28	-3.86	1.37
MRBLD1CB164_SIN			0.00	38.86	-46.16	46.09	27.45	12.12	-34.57	44.96	-13.01	-32.16	28.82	-21.72	0.00	5.75	-9.66	26.12
MRBLD1FB42P75_COS			2899.11	491.98	-338.66	452.61	-507.41	-32.43	-166.74	-464.68	-58.47	-82.64	-38.13	79.27	19.76	8.85	18.41	-75.01
MRBLD1FB42P75_SIN			0.00	65.33	-9.09	323.79	-242.95	163.76	91.19	-179.91	-73.59	-59.73	-154.19	45.79	25.68	1.47	29.61	-37.41
MRBLD1FB70_COS			409.95	20.50	-158.23	117.30	-160.12	-8.17	-26.02	-77.55	4.99	3.64	-0.35	-1.27	-0.65	-1.55	-5.41	15.24
MRBLD1FB70_SIN			0.00	-220.92	24.54	109.09	-92.70	29.62	21.13	-25.97	-4.14	4.09	2.88	1.44	1.50	2.67	-4.49	7.02
MRBLD1FB87_COS			-54.39	49.40	-131.09	24.57	-92.05	-19.63	-1.89	38.38	10.27	18.36	13.63	-17.72	-2.27	0.76	-3.13	12.99
MRBLD1FB87_SIN			0.00	-208.26	55.29	99.14	-29.44	5.32	-3.96	14.12	5.69	8.31	34.95	-12.65	-6.30	0.42	-4.16	10.55
MRBLD1FB120_COS			-395.00	37.23	-193.35	4.07	-10.22	-5.01	40.05	113.49	-4.67	-6.99	-7.93	5.61	-0.25	-1.38	4.22	-19.15
MRBLD1FB120_SIN			0.00	-243.43	90.54	172.01	59.13	-14.71	-32.87	32.58	8.78	-7.54	-15.00	7.49	0.82	-7.60	3.10	-14.76
MRBLD1FB164_COS			-379.42	140.21	-322.40	88.72	321.23	99.82	-21.05	-147.91	7.81	6.74	10.94	-6.66	1.91	3.26	2.33	10.57
MRBLD1FB164_SIN			0.00	-424.31	70.60	154.37	182.25	-35.05	11.59	-62.74	-5.56	8.52	25.36	-14.39	-11.44	2.32	5.77	14.44

RUN	POINT		Harmonics															
	48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-452.44	45.55	-183.21	19.78	203.78	100.95	-33.43	-162.73	19.57	43.44	26.99	-33.69	7.01	13.11	10.06	-23.25
MRBLD1FB180_SIN			0.00	-323.25	54.13	73.01	89.60	-14.68	40.28	-38.22	-8.19	-4.03	57.83	-23.88	-12.28	-13.78	-0.38	-17.93
MRBLD1TOR51_COS			-1756.19	78.85	30.51	79.06	-31.25	-32.71	3.68	-84.07	2.35	6.42	2.57	0.13	3.98	5.91	2.45	2.25
MRBLD1TOR51_SIN			0.00	-297.74	3.91	63.91	-11.34	-0.64	34.32	2.06	2.55	-7.18	3.93	-8.31	-2.31	-0.92	4.25	-8.27
MRBLD1TOR71_COS			-592.66	105.09	19.13	58.43	-10.27	-22.31	12.64	-61.16	0.11	3.00	-0.04	-1.24	4.36	4.24	2.19	2.74
MRBLD1TOR71_SIN			0.00	-281.01	1.32	33.33	-4.44	-4.26	32.17	19.94	8.09	-2.75	9.62	-8.49	-1.79	-0.20	0.78	-3.93
MRBLD1TOR130_COS			-374.69	89.86	36.76	43.37	16.65	-16.04	9.02	-49.71	2.14	-2.81	5.01	-2.11	-0.21	-2.10	-3.12	-3.33
MRBLD1TOR130_SIN			0.00	-274.36	-5.67	14.08	19.16	-4.72	26.35	9.45	6.51	-3.62	-3.57	12.00	5.02	2.98	-2.28	2.15
MRBLD1TOR164_COS			-458.93	36.58	73.10	8.07	-15.78	-21.09	-7.88	-20.23	5.83	5.64	0.45	-4.72	0.63	2.51	0.98	-3.70
MRBLD1TOR164_SIN			0.00	-167.08	-9.69	-25.98	-26.64	7.44	16.33	11.83	3.61	-0.51	5.71	5.59	2.39	0.73	-0.57	-2.11
MRFBM1CB26P5_COS			-4379.49	-1075.47	-4.89	81.16	-6.57	-6.84	0.45	-11.50	2.37	-3.31	1.46	0.75	-1.13	0.32	-2.25	1.21
MRFBM1CB26P5_SIN			0.00	-442.94	-13.23	9.84	-16.34	-14.64	5.51	-21.57	-3.42	-5.73	-15.72	4.35	0.83	0.39	0.32	-3.07
MRFBM1FB9_COS			270.26	390.74	103.73	-69.90	49.36	15.11	9.02	12.70	-2.45	-1.49	-4.73	0.64	0.95	0.16	0.90	-1.39
MRFBM1FB9_SIN			0.00	67.60	29.43	-133.16	44.74	-9.30	1.72	25.46	3.95	2.00	3.81	-3.33	-0.79	0.00	-0.79	2.82
MRFBM1TOR26P5_COS			-356.27	84.11	-0.33	0.43	0.03	-0.19	0.49	-0.48	0.18	0.31	-0.04	0.18	0.02	0.01	0.06	0.06
MRFBM1TOR26P5_SIN			0.00	-99.55	0.82	0.15	0.10	-0.19	0.76	-0.09	0.11	0.26	0.28	-0.38	0.01	0.00	0.04	0.03

RUN	POINT		Harmonics															
	48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1140.62	-1976.27	-3.28	227.02	-92.56	-69.01	-55.82	-150.77	39.49	24.12	7.72	17.02	-10.66	-4.67	-5.42	-4.72
MRPC1CB33P25_SIN			0.00	-367.55	-70.78	107.89	-59.53	2.68	40.80	-122.41	-35.65	-15.46	-83.13	58.87	21.69	1.79	17.08	-35.17
MRPC1FB33P25_COS			2174.18	394.28	-307.84	318.50	-368.83	-75.72	-168.89	-291.40	-7.37	-27.36	62.52	25.36	-6.92	2.93	-14.03	-10.55
MRPC1FB33P25_SIN			0.00	243.16	-64.17	354.42	-310.56	126.97	9.61	-328.68	-84.80	-87.46	-134.98	86.48	30.65	6.95	34.70	-90.93
MRPC1TOR25P5_COS			-393.62	-37.29	-90.01	-78.07	18.86	24.80	-19.98	75.39	1.12	-7.76	3.97	-1.13	-8.92	-8.76	-7.31	-8.56
MRPC1TOR25P5_SIN			0.00	359.06	-37.24	-38.58	-1.08	11.56	-36.99	-20.74	-7.96	0.63	-15.05	27.73	6.10	1.65	-3.46	0.80
MRPLK1LOAD_COS			-33.20	-2.11	-6.44	-9.89	4.16	3.71	-1.99	12.00	-0.23	-1.59	0.59	-0.93	-0.95	-1.39	-1.08	-1.27
MRPLK1LOAD_SIN			0.00	18.24	-2.60	-6.97	0.70	1.26	-5.25	-1.18	-0.47	-0.22	-2.01	4.18	0.58	0.26	-1.33	0.48
PITCHRH_COS			2107.98	-8983.02	-242.93	-99.76	1.77	-2344.13	18.57	-50.55	248.08	70.36	-20.73	-29.96	-12.99	58.56	11.97	-57.04
PITCHRH_SIN			0.00	2753.22	-732.71	25.68	-36.33	-345.74	-20.19	103.90	80.58	23.89	-96.52	-7.20	13.69	-4.42	-62.25	-10.65
ROLLRH_COS			224.04	-1986.40	809.13	10.81	-112.86	877.79	-30.81	-8.48	100.99	55.39	450.90	-4.36	-44.14	-23.19	-162.61	-405.20
ROLLRH_SIN			0.00	-8840.14	-335.57	27.87	-21.76	-1621.91	-241.15	70.95	39.74	77.76	-46.98	-26.74	10.19	-43.58	-9.51	-105.47
TORQ_COS			32674.62	437.02	12.59	6.24	-94.46	147.05	-7.58	12.32	-16.42	-5.61	26.97	-4.08	3.62	-4.25	-2.98	-9.12
TORQ_SIN			0.00	479.44	-8.14	11.27	-115.22	160.40	-5.86	27.40	-12.64	1.53	40.79	5.14	-6.45	5.02	-8.31	8.24
THRUST_COS			5437.85	-34.44	11.38	12.68	7.78	42.73	1.95	14.15	-3.71	-10.96	-8.43	1.70	2.06	-2.35	6.98	22.37
THRUST_SIN			0.00	-107.83	1.97	0.84	35.24	-69.08	12.95	7.02	-1.23	-0.93	64.89	0.97	2.44	1.34	-8.84	38.05

RUN	POINT		Harmonics															
	48	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.90	-31.10	-14.52	-4.95	-2.49	65.46	2.57	-0.09	-2.23	-2.47	-21.82	0.31	1.48	0.67	4.83	11.45
SIDERH_SIN			0.00	240.98	11.72	4.97	-51.92	103.65	17.56	-4.11	-0.71	-3.38	1.30	1.92	-0.76	1.41	0.05	3.32
DRAGRH_COS			-230.13	252.19	13.73	-0.16	-22.08	-111.09	0.45	-8.09	-5.31	-5.04	2.87	4.07	-1.73	-1.14	-1.11	3.89
DRAGRH_SIN			0.00	-66.98	17.88	-2.59	-2.16	-91.56	-24.24	0.85	4.28	-2.87	4.63	-1.32	-0.89	1.32	1.87	3.77

RUN	POINT		Harmonics															
	48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.23	0.04	0.21	-3.62	-2.87	-1.12	-0.10	0.36	0.27	0.11	-0.03	0.22	0.13	0.15	0.18	0.04
ACT1FORCE_SIN			0.00	10.88	1.67	1.39	0.72	-0.91	-0.29	-0.57	0.08	0.08	-0.09	0.02	-0.08	-0.04	-0.09	0.14
FA1IBCURRENT_COS			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			223.46	-9.45	-5.55	29.93	26.47	14.41	-0.03	-0.02	-0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-82.68	-13.64	-12.23	-6.02	8.32	-0.02	-0.01	0.00	-0.02	0.00	0.00	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			582.57	9.63	5.63	-29.93	-26.51	-14.54	0.00	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	82.85	13.68	12.42	6.21	-8.23	0.01	0.00	-0.01	0.01	0.00	-0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-3488.63	-1225.77	9.01	267.06	-7.59	-42.13	-13.63	-124.04	23.68	31.06	-7.90	8.31	-3.28	-3.89	-22.99	-5.69
MRBLD1CB42P75_SIN			0.00	11.59	-21.69	31.76	208.40	5.86	1.57	103.24	-67.50	0.82	-56.56	37.16	12.12	10.76	24.63	-12.97

RUN	POINT		Harmonics															
	48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2797.28	-759.84	289.79	164.32	33.15	-8.92	-33.48	-71.33	17.09	29.68	-8.92	7.24	-0.81	-0.01	-14.98	-3.84
MRBLD1CB70_SIN			0.00	28.54	-47.57	76.80	334.72	55.16	61.99	101.99	-36.63	4.44	-52.95	18.94	4.90	5.84	14.67	-13.79
MRBLD1CB120_COS			-505.54	-324.01	432.65	159.63	53.49	30.62	-33.49	-17.13	-31.74	0.05	26.38	1.88	6.28	5.20	0.79	0.52
MRBLD1CB120_SIN			0.00	113.05	-141.12	1.84	315.72	64.21	99.91	77.37	12.97	-7.40	36.54	-12.06	0.82	-0.97	-3.15	-8.39
MRBLD1CB164_COS			-1956.21	-105.48	140.66	41.73	-12.76	13.73	-6.70	37.40	-27.98	-8.16	20.55	1.67	6.87	4.03	8.55	-1.66
MRBLD1CB164_SIN			0.00	77.09	-54.54	11.98	130.78	35.20	33.04	-9.57	12.78	-21.09	43.03	-3.95	6.62	-0.87	-8.13	10.84
MRBLD1FB42P75_COS			3060.91	149.24	-418.29	563.95	-35.35	-69.66	-38.69	-203.35	-112.48	-22.94	54.65	48.71	35.82	24.59	14.00	-53.79
MRBLD1FB42P75_SIN			0.00	-4.89	-13.89	51.89	232.04	24.37	7.58	296.66	-87.51	-81.76	-45.64	15.54	4.22	8.07	57.55	-17.23
MRBLD1FB70_COS			425.00	-1.40	-202.85	168.53	-23.35	-14.35	1.57	-24.25	-4.98	2.66	-1.16	-1.15	-3.04	-4.47	-2.03	13.02
MRBLD1FB70_SIN			0.00	-205.24	16.57	8.72	63.32	-6.19	3.06	61.25	-6.43	2.72	3.15	2.80	2.76	-0.56	-13.67	3.50
MRBLD1FB87_COS			-74.97	22.14	-170.19	57.72	-41.55	-24.67	-7.04	21.31	17.52	7.55	-4.82	-8.82	-4.88	-4.93	-6.45	7.18
MRBLD1FB87_SIN			0.00	-203.96	42.18	46.99	33.45	1.64	-3.42	-27.27	9.12	10.43	11.66	-2.79	0.59	1.70	-10.51	2.56
MRBLD1FB120_COS			-507.45	28.03	-251.49	17.51	-19.69	-0.85	-2.71	32.89	6.92	-8.47	-6.73	0.96	4.39	6.63	7.53	-11.78
MRBLD1FB120_SIN			0.00	-255.95	90.48	119.58	22.81	6.32	-17.11	-89.97	7.21	-3.22	-9.25	-3.52	-6.16	-4.62	15.94	-4.33
MRBLD1FB164_COS			-89.20	39.09	-343.21	63.08	94.99	46.19	22.63	-57.75	-12.33	9.88	3.67	-4.10	-3.11	-1.92	-2.42	4.55
MRBLD1FB164_SIN			0.00	-262.76	103.18	161.29	-25.59	-16.57	20.73	117.08	-20.85	1.33	13.46	-0.34	0.16	1.43	-7.85	0.51

RUN	POINT		Harmonics															
	48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-128.66	-1.56	-190.33	37.57	89.80	28.14	-6.14	-47.49	14.69	10.31	-22.09	-15.07	10.60	12.30	3.98	-18.58
MRBLD1FB180_SIN			0.00	-167.26	61.16	73.53	-15.06	-16.75	9.64	108.93	-23.93	-9.23	20.17	2.05	-1.46	-8.07	17.38	-2.03
MRBLD1TOR51_COS			-1289.37	66.27	-34.21	78.34	-10.09	-13.54	-2.53	-7.59	12.80	4.66	-7.35	-2.29	3.45	2.74	-2.43	-1.66
MRBLD1TOR51_SIN			0.00	-13.06	8.14	18.74	17.20	2.25	-7.63	75.61	-1.71	-4.62	-4.01	-3.95	1.50	1.43	2.02	-8.39
MRBLD1TOR71_COS			-155.31	80.57	-41.60	53.57	-2.87	-5.29	2.63	6.29	11.63	2.00	-7.53	-2.94	2.86	4.04	-1.84	-2.05
MRBLD1TOR71_SIN			0.00	-17.46	2.71	3.93	-1.13	2.77	-3.73	64.37	7.07	-0.49	-0.71	-3.34	-0.07	0.32	1.39	-4.11
MRBLD1TOR130_COS			75.02	71.01	-19.17	26.43	9.71	-2.85	3.94	0.29	6.62	3.98	2.50	-0.50	0.24	-0.02	-2.96	-1.47
MRBLD1TOR130_SIN			0.00	0.31	0.40	-3.08	-5.29	7.50	0.95	54.35	2.70	0.59	5.34	8.65	3.14	0.38	-0.13	5.36
MRBLD1TOR164_COS			-141.78	40.14	40.92	3.14	-5.79	-10.57	-2.34	7.66	6.04	3.14	1.06	0.58	2.08	3.29	-2.33	-2.17
MRBLD1TOR164_SIN			0.00	20.62	-8.01	-25.60	-0.64	3.60	2.97	25.36	3.63	-1.25	3.40	5.75	2.66	0.07	1.30	0.52
MRFBM1CB26P5_COS			-4553.06	-484.56	-37.69	87.37	1.59	-9.07	3.87	-16.90	-0.94	1.00	2.65	0.99	0.91	0.00	-2.98	-1.49
MRFBM1CB26P5_SIN			0.00	-43.99	8.25	-27.39	-17.81	-13.63	-17.23	1.90	-12.45	-2.72	2.28	2.31	1.73	1.32	3.35	-3.05
MRFBM1FB9_COS			417.59	-170.35	168.45	-119.41	19.37	9.99	5.64	18.84	-0.87	-2.23	-2.68	-0.08	0.02	0.45	1.60	-0.66
MRFBM1FB9_SIN			0.00	-56.42	24.17	-71.97	-33.85	0.55	4.64	-5.24	6.07	1.41	0.32	-1.94	-1.42	-0.84	-0.58	1.59
MRFBM1TOR26P5_COS			-351.79	79.79	-0.92	0.34	-0.43	0.04	-0.09	0.01	0.21	-0.09	-0.08	0.02	0.00	-0.02	0.16	0.08
MRFBM1TOR26P5_SIN			0.00	-98.77	0.03	-0.12	-0.07	-0.26	0.01	0.35	0.18	0.04	-0.14	-0.18	0.00	0.06	-0.07	-0.07

RUN	POINT		Harmonics															
	48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1210.77	-1130.22	-68.05	285.95	-16.06	-41.33	-6.65	-116.48	4.27	20.40	6.81	9.36	2.20	-0.50	-20.25	-6.53
MRPC1CB33P25_SIN			0.00	19.61	-0.17	-20.58	118.02	-11.74	-15.62	79.53	-67.86	-12.53	-28.34	28.99	11.82	10.93	23.52	-16.55
MRPC1FB33P25_COS			2309.47	89.21	-357.82	455.53	-84.34	-65.08	-32.90	-277.48	-44.24	27.20	66.27	26.41	22.16	10.19	-44.36	-17.49
MRPC1FB33P25_SIN			0.00	147.08	-83.48	147.20	191.75	2.83	-8.89	148.98	-119.93	-71.63	-4.82	41.81	28.26	25.79	50.04	-57.33
MRPC1TOR25P5_COS			-880.76	-53.94	-5.79	-71.35	5.38	4.58	-1.50	-5.91	-15.94	-0.29	10.60	3.46	-4.06	-0.95	-9.18	-4.72
MRPC1TOR25P5_SIN			0.00	57.97	-65.10	5.27	-8.27	1.80	8.38	-78.44	-6.00	2.64	3.69	11.73	-1.88	-0.20	3.41	6.12
MRPLK1LOAD_COS			-96.18	1.87	2.06	-9.03	0.74	1.30	0.00	0.57	-1.76	-0.02	1.79	-0.12	-0.57	-0.09	-1.96	-1.01
MRPLK1LOAD_SIN			0.00	-19.66	-3.40	-0.67	-1.26	0.66	1.03	-10.63	-0.43	0.25	1.07	1.98	-0.42	-0.25	0.09	1.52
PITCHRH_COS			12138.00	-9001.16	-603.62	-31.86	-82.86	152.43	-25.01	-26.54	73.10	-75.89	61.65	-14.31	25.10	-2.37	-10.65	-223.40
PITCHRH_SIN			0.00	2737.37	-684.33	115.77	-60.94	674.67	92.75	141.79	36.10	-65.87	-268.48	42.70	1.70	66.93	30.28	270.36
ROLLRH_COS			2613.51	-2256.32	711.14	-88.71	-119.43	-1330.08	-132.26	-57.97	135.20	126.43	244.09	-67.59	-7.01	27.90	8.01	-586.67
ROLLRH_SIN			0.00	-8819.36	-717.14	-10.07	81.50	652.33	-60.82	-48.73	-50.58	-59.91	-17.29	-5.13	21.83	-30.26	-9.52	-21.95
TORQ_COS			30539.89	434.11	-2.68	3.08	-131.68	39.16	0.14	21.08	-15.69	-1.50	6.24	-0.44	5.30	-2.38	-5.61	8.92
TORQ_SIN			0.00	621.59	-28.20	8.12	-104.69	17.13	5.36	20.25	22.57	-7.18	-17.05	2.37	-7.43	5.59	-9.25	-19.42
THRUST_COS			5941.60	-43.98	5.58	10.50	19.75	25.54	1.21	20.81	-2.84	-4.36	-18.59	-0.19	2.30	-0.26	-0.05	22.02
THRUST_SIN			0.00	-81.99	7.21	5.84	35.99	-14.86	1.20	9.85	-3.25	3.81	16.36	-2.79	-0.47	0.96	-2.29	29.03

RUN	POINT		Harmonics															
	48	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-170.64	14.46	-15.15	-2.03	-20.82	47.96	9.25	-1.41	-2.61	-6.10	-10.45	3.72	0.53	-0.99	-0.82	17.34
SIDERH_SIN			0.00	221.48	15.41	2.45	-55.57	-120.55	2.42	1.19	0.78	4.32	1.10	0.28	-0.40	1.21	0.15	0.80
DRAGRH_COS			-120.53	242.41	14.36	-2.18	-9.01	83.79	-22.45	0.50	-0.71	2.84	0.31	-0.44	-2.18	0.25	-0.20	9.69
DRAGRH_SIN			0.00	-72.12	13.51	-1.45	13.07	84.06	-13.59	2.46	1.40	2.17	12.34	-4.39	1.45	-3.18	-2.23	-13.44

RUN	POINT		Harmonics															
	48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-16.20	0.64	0.71	-3.35	-2.71	-1.20	-0.14	0.22	0.27	0.17	-0.03	0.16	0.07	0.09	0.10	0.05
ACT1FORCE_SIN			0.00	9.73	1.41	1.61	0.74	-0.81	-0.26	-0.69	-0.04	0.12	-0.01	0.07	-0.08	-0.08	-0.07	0.06
FA1IBCURRENT_COS			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			132.77	-13.78	-11.72	27.09	25.09	14.69	-0.04	-0.01	-0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-74.21	-11.83	-14.66	-6.43	7.36	-0.04	-0.02	-0.01	-0.03	-0.01	-0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			673.48	14.00	11.81	-27.09	-25.17	-14.85	0.01	-0.01	0.01	0.02	0.01	0.02	-0.01	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	74.42	11.89	14.90	6.65	-7.27	0.02	0.01	-0.01	0.01	0.00	0.00	-0.01	0.00	0.00	0.01
MRBLD1CB42P75_COS			-3498.75	-717.83	30.72	287.81	-27.75	-46.83	11.58	-123.11	14.04	28.31	43.78	-22.54	-10.34	0.67	-4.88	-16.37
MRBLD1CB42P75_SIN			0.00	370.29	-17.58	-5.49	229.86	-5.18	-5.76	165.49	-85.41	10.36	-18.36	54.26	11.81	13.21	36.73	-0.09

RUN	POINT		Harmonics															
	48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2806.88	-441.89	312.82	181.00	3.11	-19.10	-20.00	-57.96	14.16	25.23	26.50	-13.95	-3.79	2.77	-8.10	-9.59
MRBLD1CB70_SIN			0.00	255.15	-40.65	50.30	335.14	36.33	66.05	147.22	-46.15	12.53	-40.90	35.19	5.37	5.16	20.97	-4.35
MRBLD1CB120_COS			-455.60	-200.58	465.91	179.22	32.64	17.81	-32.17	-7.04	-21.19	7.52	-1.48	12.69	9.70	4.27	-0.21	-3.10
MRBLD1CB120_SIN			0.00	208.35	-139.15	-19.06	327.72	39.09	117.37	113.96	20.64	-6.49	20.76	-21.69	-0.71	-4.08	-4.40	-8.51
MRBLD1CB164_COS			-1966.04	-76.29	152.15	47.43	-19.54	6.06	-17.90	40.07	-20.35	-1.71	-8.98	17.04	11.38	6.48	6.93	3.38
MRBLD1CB164_SIN			0.00	95.20	-55.79	0.27	141.10	25.46	36.64	-13.26	22.55	-18.77	36.72	-12.80	7.02	-2.33	-12.86	6.51
MRBLD1FB42P75_COS			3099.17	-0.63	-426.72	584.47	20.90	-91.17	0.53	-157.48	-111.06	6.03	114.26	29.47	29.95	31.50	59.21	-51.86
MRBLD1FB42P75_SIN			0.00	-58.48	-17.56	-32.98	388.51	-1.43	-0.75	452.36	-100.79	-79.41	-7.03	38.49	6.05	2.21	32.53	25.32
MRBLD1FB70_COS			429.07	-3.78	-207.50	178.25	-9.83	-19.70	11.74	-14.06	-5.59	3.67	0.87	-0.53	-2.48	-4.79	-10.77	13.20
MRBLD1FB70_SIN			0.00	-198.46	14.10	-23.43	110.06	-13.16	1.78	90.09	-7.98	3.37	2.91	2.45	1.53	-0.56	-10.24	-5.82
MRBLD1FB87_COS			-78.57	19.33	-175.15	65.58	-35.66	-26.31	-7.17	19.44	17.44	1.78	-19.98	-4.17	-3.59	-7.27	-18.08	5.66
MRBLD1FB87_SIN			0.00	-203.46	38.51	27.79	50.52	-0.43	-6.32	-42.43	10.02	9.02	4.29	-9.01	0.41	3.69	-4.73	-6.40
MRBLD1FB120_COS			-533.31	25.01	-265.33	17.01	-17.51	0.69	-18.45	15.49	8.73	-7.53	-2.96	0.02	5.45	10.12	23.87	-10.21
MRBLD1FB120_SIN			0.00	-264.63	92.69	104.25	12.53	12.38	-13.57	-128.38	9.57	-2.58	-6.67	-0.91	-5.71	-7.16	7.31	8.34
MRBLD1FB164_COS			-7.09	18.65	-340.78	57.99	63.83	43.59	39.28	-43.09	-16.52	5.25	-6.42	-2.61	-2.87	-3.61	-13.45	1.00
MRBLD1FB164_SIN			0.00	-227.48	106.11	161.24	-85.39	-16.52	23.44	173.99	-28.15	1.14	10.14	-4.28	-0.52	2.53	-4.42	-7.11

RUN	POINT		Harmonics															
	48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-41.99	-11.83	-185.84	42.37	74.06	15.36	5.39	-28.85	9.75	-5.76	-52.51	-1.59	15.16	13.04	21.08	-15.91
MRBLD1FB180_SIN			0.00	-130.16	59.78	74.82	-47.96	-24.28	1.66	154.37	-30.64	-8.96	13.75	-4.89	-4.69	-14.67	5.66	12.98
MRBLD1TOR51_COS			-1171.67	61.39	-44.42	77.33	-8.45	-10.80	2.80	9.16	18.61	4.42	-11.33	-1.12	3.66	3.52	4.53	-1.96
MRBLD1TOR51_SIN			0.00	62.09	7.56	5.90	30.28	4.83	-17.48	99.90	-5.36	-3.79	-6.07	-3.28	1.36	-0.35	2.57	-5.61
MRBLD1TOR71_COS			-45.02	70.83	-52.33	51.38	-1.37	-1.84	5.78	22.01	16.78	1.05	-13.14	-0.65	3.00	4.73	1.66	-2.72
MRBLD1TOR71_SIN			0.00	49.90	2.10	-4.51	5.99	6.95	-12.44	80.36	4.90	-0.68	-5.05	-3.75	-0.29	-1.45	2.19	-2.36
MRBLD1TOR130_COS			188.37	64.16	-29.76	21.54	9.92	0.69	7.16	10.93	9.58	4.60	1.38	-2.48	-0.09	0.17	-6.30	-1.60
MRBLD1TOR130_SIN			0.00	70.77	0.85	-6.21	-7.05	11.55	-4.89	70.11	1.21	2.38	9.03	7.57	3.02	0.53	0.62	4.83
MRBLD1TOR164_COS			-58.96	39.82	33.60	1.08	-5.90	-9.58	1.27	14.64	6.14	1.62	-1.26	1.24	2.58	3.99	-3.22	-5.03
MRBLD1TOR164_SIN			0.00	71.19	-7.24	-24.84	7.48	3.06	-0.86	29.37	3.77	-0.91	2.48	5.40	3.20	0.42	2.17	0.75
MRFBM1CB26P5_COS			-4572.12	-251.15	-30.45	88.00	4.28	-7.41	5.64	-19.94	-3.52	1.73	5.07	-0.66	0.24	-0.05	0.75	-4.08
MRFBM1CB26P5_SIN			0.00	125.89	8.17	-34.81	-14.94	-11.77	-20.13	7.10	-14.48	-2.20	9.18	1.74	1.28	2.24	5.10	-1.65
MRFBM1FB9_COS			456.96	-384.91	173.27	-131.08	22.05	10.45	3.81	22.36	-1.39	-2.31	-3.15	1.33	0.24	0.36	0.85	0.57
MRFBM1FB9_SIN			0.00	-99.88	24.76	-51.00	-52.95	4.11	5.13	-13.22	6.34	0.64	-2.33	-1.94	-1.37	-1.07	-1.66	1.38
MRFBM1TOR26P5_COS			-350.69	78.03	-0.95	0.21	-0.39	0.00	0.01	0.10	0.20	-0.08	-0.13	0.06	0.00	0.01	0.26	0.13
MRFBM1TOR26P5_SIN			0.00	-99.46	0.06	-0.33	-0.09	-0.27	-0.26	0.57	0.06	0.03	-0.24	-0.11	-0.02	0.03	-0.09	-0.06

RUN	POINT		Harmonics															
	48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1215.24	-665.55	-47.67	303.96	-22.23	-46.29	13.92	-123.16	-4.00	23.42	41.70	-12.40	-3.28	2.98	-0.68	-20.26
MRPC1CB33P25_SIN			0.00	332.17	6.19	-55.16	152.51	-19.22	-23.57	138.74	-82.49	-4.41	6.14	39.44	12.03	12.18	34.43	-3.84
MRPC1FB33P25_COS			2334.78	-45.62	-358.73	485.69	-73.75	-75.70	1.49	-303.85	-38.10	47.79	88.72	-3.81	16.60	17.71	2.38	-54.89
MRPC1FB33P25_SIN			0.00	86.92	-90.16	79.95	331.70	-25.40	-1.55	287.25	-129.93	-54.96	58.22	47.40	25.92	26.72	74.79	-31.48
MRPC1TOR25P5_COS			-1003.86	-63.22	14.97	-70.92	2.87	2.63	-6.23	-24.76	-21.93	0.62	18.70	-2.74	-5.67	-1.25	-16.79	-10.54
MRPC1TOR25P5_SIN			0.00	-24.53	-73.90	15.17	-18.70	-5.22	19.58	-100.51	-3.14	2.98	10.54	11.54	-3.06	0.64	7.26	4.80
MRPLK1LOAD_COS			-111.69	3.21	3.27	-8.57	-0.05	1.02	-0.62	-2.34	-2.49	0.13	2.51	-0.74	-0.91	-0.09	-3.75	-1.90
MRPLK1LOAD_SIN			0.00	-29.01	-3.56	1.17	-2.77	0.09	2.64	-14.04	-0.03	0.34	2.01	1.60	-0.43	-0.17	0.76	1.16
PITCHRH_COS			15994.61	-9025.02	-669.70	0.30	-115.44	529.38	-43.15	-2.08	46.76	-59.36	82.74	12.29	9.16	10.47	-15.56	-55.75
PITCHRH_SIN			0.00	2677.77	-723.71	97.28	-13.92	1057.53	136.83	120.44	20.23	-71.52	-223.99	32.96	12.10	108.53	56.94	370.42
ROLLRH_COS			3468.75	-2214.85	753.43	-89.35	-108.21	-1940.10	-139.82	-95.80	98.77	148.64	239.54	-91.04	-46.16	17.79	25.72	-731.41
ROLLRH_SIN			0.00	-8871.78	-776.03	29.20	82.09	855.00	-28.25	-56.08	-43.24	-32.21	47.21	16.47	9.37	-45.68	-47.42	275.50
TORQ_COS			30238.54	435.67	-3.61	10.14	-113.46	26.12	0.67	29.30	1.86	-1.54	-4.24	0.82	5.26	-0.11	-5.55	9.66
TORQ_SIN			0.00	647.39	-29.14	18.53	-56.91	-0.23	8.56	20.19	30.94	-5.46	-34.61	5.35	-8.18	4.11	-6.52	-28.40
THRUST_COS			6068.54	-46.93	7.29	14.27	20.14	26.13	2.67	26.28	-2.89	-2.78	-31.34	0.57	3.00	0.94	-0.34	36.06
THRUST_SIN			0.00	-88.07	6.67	4.99	29.09	-0.99	1.17	9.80	-5.49	2.06	0.94	-0.88	-0.74	-1.97	3.86	16.76

RUN	POINT		Harmonics															
	48	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-169.75	22.29	-17.19	-0.47	-25.81	67.22	11.62	-1.55	-2.19	-7.46	-10.08	4.47	2.03	-0.75	-1.51	21.24
SIDERH_SIN			0.00	227.53	16.74	2.21	-48.47	-152.76	4.35	1.96	0.30	2.69	-1.32	-0.82	-0.36	1.65	0.95	-7.59
DRAGRH_COS			-78.50	242.13	18.38	-4.90	-4.58	96.15	-17.97	3.26	-2.39	0.53	-0.38	-2.70	-2.20	-1.54	0.59	2.42
DRAGRH_SIN			0.00	-74.21	14.32	-0.60	15.85	128.83	-17.33	4.88	0.31	1.05	8.31	-4.00	-0.56	-4.42	-3.51	-18.24

RUN	POINT		Harmonics															
	48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-2.97	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-17.86	1.15	1.51	-2.73	-2.63	-1.06	-0.30	0.14	0.13	0.01	-0.07	0.14	0.05	0.01	0.05	-0.02
ACT1FORCE_SIN			0.00	8.87	1.42	1.47	0.90	-0.79	-0.21	-0.84	-0.12	0.15	-0.02	0.07	-0.12	-0.01	0.03	0.10
FA1IBCURRENT_COS			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			33.00	-17.25	-16.55	20.19	22.79	13.50	-0.05	0.03	0.04	0.01	0.00	-0.02	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-65.39	-12.83	-15.06	-6.67	7.10	-0.11	-0.06	-0.01	-0.01	0.02	0.01	0.01	0.00	-0.01	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			773.68	17.67	16.73	-20.23	-22.98	-13.80	0.01	-0.02	-0.01	0.01	0.00	0.01	0.00	0.00	-0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	65.78	13.00	15.48	7.01	-6.99	0.03	0.00	-0.01	0.01	-0.01	-0.01	0.00	0.01	0.00	0.01
MRBLD1CB42P75_COS			-3474.32	-318.08	29.90	280.78	-60.65	-48.60	47.95	-104.31	-1.51	18.21	27.85	12.38	-3.15	6.68	7.96	-20.14
MRBLD1CB42P75_SIN			0.00	622.50	-30.44	-32.45	267.77	5.09	-30.37	195.86	-81.16	0.37	-20.70	46.82	1.15	5.51	36.42	4.32

RUN	POINT		Harmonics															
	48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2826.07	-192.20	335.18	171.22	-54.44	-24.18	10.32	-39.07	6.67	13.07	2.22	12.19	-1.04	2.77	0.02	-8.57
MRBLD1CB70_SIN			0.00	435.45	-41.15	32.37	371.03	29.06	68.62	164.90	-45.63	4.86	-44.71	28.81	-0.82	1.51	24.15	-0.01
MRBLD1CB120_COS			-423.84	-111.61	499.47	163.86	-4.73	10.12	-21.08	3.16	-17.79	16.71	11.89	-7.00	4.92	-0.50	-0.22	-2.25
MRBLD1CB120_SIN			0.00	310.21	-141.49	-23.26	379.78	12.98	147.84	132.48	11.83	6.23	28.65	-12.03	3.42	-3.61	-4.09	-7.54
MRBLD1CB164_COS			-1981.92	-55.03	164.91	39.59	-30.08	-1.93	-32.06	38.20	-14.10	9.24	9.63	-1.43	9.61	6.50	-0.45	-0.23
MRBLD1CB164_SIN			0.00	117.42	-59.09	-3.91	168.81	13.67	54.64	-13.92	18.42	-1.31	50.12	-4.69	9.36	-4.70	-17.73	3.28
MRBLD1FB42P75_COS			3128.46	-110.70	-458.14	552.74	160.51	-61.28	23.83	-99.27	-117.58	39.24	156.52	41.14	25.90	27.92	75.76	-50.70
MRBLD1FB42P75_SIN			0.00	-98.07	-31.65	-89.54	543.08	-30.86	-53.88	542.17	-100.69	-89.05	-22.19	39.10	-0.85	-12.05	-1.11	33.45
MRBLD1FB70_COS			434.82	-6.31	-224.87	168.27	24.48	-11.89	18.52	-2.37	-7.79	2.84	0.06	-0.37	-2.56	-4.31	-13.95	13.54
MRBLD1FB70_SIN			0.00	-197.34	6.49	-47.94	159.18	-19.05	-9.30	105.16	-7.59	3.61	4.29	2.36	1.54	1.43	-2.88	-6.21
MRBLD1FB87_COS			-80.45	13.18	-192.81	60.96	-23.21	-24.76	-7.48	15.38	17.42	-4.36	-27.32	-7.24	-2.98	-8.10	-23.23	5.23
MRBLD1FB87_SIN			0.00	-209.30	33.81	13.39	72.31	1.38	-4.50	-50.27	10.53	11.82	8.10	-7.10	2.77	7.05	2.15	-9.38
MRBLD1FB120_COS			-549.89	26.21	-284.75	12.64	-18.64	-3.11	-32.58	-3.49	12.18	-6.37	-1.15	1.42	5.40	10.76	30.71	-11.11
MRBLD1FB120_SIN			0.00	-284.08	90.81	81.49	0.75	16.42	2.16	-147.77	8.42	-3.61	-9.13	-3.42	-7.11	-10.01	-2.54	12.78
MRBLD1FB164_COS			78.81	3.15	-352.67	46.03	10.33	21.91	54.26	-21.15	-22.56	5.35	-9.25	-4.13	-1.60	-3.99	-18.27	0.21
MRBLD1FB164_SIN			0.00	-198.14	105.16	152.17	-152.97	-32.63	13.78	199.25	-27.63	5.53	15.97	-0.93	0.44	5.26	0.59	-9.46

RUN	POINT		Harmonics															
	48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			40.19	-21.83	-194.17	42.48	42.82	-8.21	17.64	-2.78	5.19	-13.58	-58.71	-4.70	13.05	7.33	24.91	-17.84
MRBLD1FB180_SIN			0.00	-95.71	57.02	74.08	-82.70	-33.19	-13.89	176.93	-29.07	1.74	29.25	1.06	-1.48	-15.57	-5.15	18.66
MRBLD1TOR51_COS			-1057.49	55.37	-60.54	67.29	-6.23	-6.77	1.40	25.71	18.91	3.15	-13.05	-1.18	2.29	1.59	8.08	-1.91
MRBLD1TOR51_SIN			0.00	136.65	1.99	0.09	41.80	1.44	-36.06	113.14	-5.22	-0.69	-2.95	-2.50	1.93	-2.01	-0.40	-6.81
MRBLD1TOR71_COS			61.96	61.47	-67.19	42.96	-1.22	1.07	2.73	36.41	17.69	-0.74	-15.22	-1.83	1.89	3.10	3.30	-3.24
MRBLD1TOR71_SIN			0.00	117.13	-3.05	-7.53	10.21	4.52	-28.00	88.24	4.85	2.11	-2.72	-3.26	0.77	-2.25	0.77	-3.32
MRBLD1TOR130_COS			298.77	57.45	-43.32	13.67	5.47	1.76	6.56	22.21	9.80	5.60	2.49	-2.09	0.74	0.51	-7.74	-1.87
MRBLD1TOR130_SIN			0.00	140.84	-1.68	-5.24	-11.72	9.09	-16.23	78.48	1.41	5.20	11.53	8.57	2.97	0.15	1.85	5.77
MRBLD1TOR164_COS			19.26	39.14	27.74	-1.09	-6.72	-7.02	2.92	20.73	6.28	0.37	-1.98	0.50	2.31	4.26	-2.92	-5.94
MRBLD1TOR164_SIN			0.00	122.22	-7.42	-21.42	16.77	3.16	-7.17	31.37	3.35	-0.07	3.54	5.30	2.40	-0.45	3.24	2.09
MRFBM1CB26P5_COS			-4567.88	-76.56	-35.68	85.91	9.33	-9.07	6.40	-19.34	-5.52	3.94	9.96	-0.70	0.65	1.26	3.71	-5.10
MRFBM1CB26P5_SIN			0.00	231.46	1.87	-38.39	-17.20	-6.03	-26.91	11.13	-13.54	-1.81	9.19	2.21	1.23	1.66	3.62	-1.82
MRFBM1FB9_COS			487.35	-547.12	196.09	-126.09	15.88	6.40	2.08	23.19	-1.21	-2.83	-3.57	0.43	-0.17	-0.05	-0.11	0.78
MRFBM1FB9_SIN			0.00	-119.89	34.13	-34.11	-77.42	5.35	8.26	-18.81	6.39	0.28	-2.89	-2.63	-0.99	-0.83	-2.12	1.38
MRFBM1TOR26P5_COS			-349.57	76.63	-0.84	0.01	-0.48	0.02	-0.10	0.20	0.15	-0.12	-0.25	0.06	-0.01	0.01	0.25	0.11
MRFBM1TOR26P5_SIN			0.00	-99.60	0.14	-0.41	-0.16	-0.38	-0.54	0.66	0.02	0.03	-0.21	-0.12	-0.04	0.03	-0.07	-0.07

RUN	POINT		Harmonics															
	48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1196.61	-295.28	-54.05	297.95	-22.48	-46.82	36.48	-110.39	-15.99	24.88	43.48	7.74	1.75	8.22	14.24	-24.23
MRPC1CB33P25_SIN			0.00	549.24	-5.88	-77.50	189.73	-8.46	-49.89	172.52	-79.01	-9.30	7.27	36.28	5.12	5.04	31.10	-0.68
MRPC1FB33P25_COS			2352.50	-146.34	-377.28	468.38	5.07	-42.68	40.32	-293.60	-42.83	77.09	127.19	6.96	19.83	25.82	41.25	-61.23
MRPC1FB33P25_SIN			0.00	42.57	-104.84	27.92	491.66	-42.01	-33.79	380.30	-132.55	-44.98	71.03	54.82	18.75	14.88	68.65	-26.02
MRPC1TOR25P5_COS			-1121.96	-67.02	41.30	-60.37	1.33	1.24	-0.07	-41.46	-21.53	3.79	21.47	0.40	-3.50	2.35	-17.62	-12.42
MRPC1TOR25P5_SIN			0.00	-106.98	-73.90	18.35	-23.33	-5.18	39.26	-110.92	-2.84	1.56	6.98	9.87	-3.13	1.61	12.16	7.59
MRPLK1LOAD_COS			-126.65	4.68	5.54	-6.94	-0.76	0.61	0.08	-4.82	-2.41	0.64	3.03	-0.50	-0.59	0.35	-4.03	-2.07
MRPLK1LOAD_SIN			0.00	-38.44	-3.09	1.89	-3.76	0.47	5.26	-15.76	-0.10	0.17	1.56	1.47	-0.41	-0.10	1.52	1.42
PITCHRH_COS			19003.41	-9118.99	-726.53	14.15	-92.06	1202.94	-104.72	-86.14	19.26	-89.11	231.95	47.07	18.01	63.94	-24.37	119.00
PITCHRH_SIN			0.00	2592.59	-731.24	97.88	-13.37	1279.99	3.12	81.77	85.28	-42.03	-219.37	72.92	-28.41	110.88	41.67	349.64
ROLLRH_COS			3874.28	-2221.38	798.78	-84.28	-120.36	-2682.58	-105.48	-175.12	74.07	140.18	235.77	-129.08	0.92	38.71	-4.96	-695.82
ROLLRH_SIN			0.00	-8956.27	-855.53	50.85	61.67	1425.01	-86.15	-66.95	-36.49	-117.51	85.08	64.13	2.28	-1.35	-79.09	528.44
TORQ_COS			30742.92	378.88	-15.64	22.08	-60.16	35.19	1.80	21.83	12.34	-3.42	-18.84	2.21	4.70	-4.30	-3.83	10.00
TORQ_SIN			0.00	656.91	-35.81	26.99	-29.19	-57.76	10.83	24.11	24.85	-8.24	-31.19	6.83	-7.73	5.10	-4.36	-32.52
THRUST_COS			6164.20	-51.28	4.83	19.09	17.81	4.82	1.39	31.69	-3.13	-2.53	-47.86	1.58	2.08	-2.38	0.55	38.84
THRUST_SIN			0.00	-93.88	9.63	7.85	23.73	12.31	0.99	19.04	-6.41	1.11	3.87	-2.41	1.10	0.29	3.59	7.52

RUN	POINT		Harmonics															
	48	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-168.73	47.64	-18.71	-1.40	-24.42	74.29	9.45	1.51	-2.05	-6.34	-9.00	6.22	0.02	-1.04	-0.59	20.10
SIDERH_SIN			0.00	239.05	17.40	0.87	-36.24	-222.77	3.86	3.35	0.09	6.95	-2.41	-2.61	-0.22	0.60	1.99	-14.58
DRAGRH_COS			-43.51	242.28	20.04	-5.16	0.93	146.11	-18.54	6.74	-4.46	3.16	-13.02	-4.18	-2.54	-2.95	1.70	-6.19
DRAGRH_SIN			0.00	-77.66	14.81	0.51	15.84	213.91	-8.02	-0.68	-0.88	1.16	1.26	-5.44	3.36	-3.96	-3.32	-17.70

RUN	POINT		Harmonics															
	48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.01	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.99	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.92	-4.51	-0.70	-2.82	-3.19	-0.69	-0.08	0.37	-0.03	0.13	0.36	0.29	0.29	0.11	0.07	0.01
ACT1FORCE_SIN			0.00	15.79	0.98	2.95	0.32	-1.03	-0.07	0.13	0.37	0.21	-0.01	0.18	0.18	0.10	-0.10	0.05
FA1IBCURRENT_COS			0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			377.08	63.88	4.05	17.07	29.40	11.58	-0.02	-0.02	0.00	-0.02	-0.01	-0.03	-0.02	-0.02	-0.01	0.02
FA1IBVOLTAGE_SIN			0.00	109.30	-10.33	-23.24	-0.14	8.31	-0.03	0.02	0.02	0.05	0.04	0.01	0.02	0.02	0.00	-0.01
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			428.63	-64.10	-4.02	-17.07	-29.45	-11.59	0.04	0.02	-0.01	0.03	0.01	0.04	0.02	0.01	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	-109.46	10.41	23.30	0.17	-8.30	0.03	-0.03	-0.03	-0.05	-0.04	-0.01	-0.02	-0.02	0.01	0.02
MRBLD1CB42P75_COS			-3447.24	-1484.40	33.94	219.96	14.70	-51.14	-49.14	-112.54	31.51	38.49	31.89	-2.52	-10.61	-4.16	-20.28	-7.57
MRBLD1CB42P75_SIN			0.00	-163.12	-18.90	81.54	123.31	11.67	22.26	3.20	-41.11	-7.06	-85.65	64.13	20.87	14.29	42.87	-28.24

RUN	POINT		Harmonics															
	48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2797.03	-924.04	276.22	128.94	70.01	-6.83	-37.17	-79.61	25.48	39.11	7.42	4.35	-5.63	-1.04	-11.19	-9.39
MRBLD1CB70_SIN			0.00	-85.21	-49.63	114.74	249.66	48.01	50.04	26.85	-24.26	-4.68	-61.54	36.09	12.71	8.05	29.99	-29.09
MRBLD1CB120_COS			-559.72	-389.81	393.70	130.56	77.63	45.97	-7.51	-25.75	-26.69	-8.24	7.91	7.51	8.54	6.12	-3.28	0.16
MRBLD1CB120_SIN			0.00	50.06	-134.46	33.55	213.87	71.18	52.29	23.51	5.76	-7.93	51.48	-22.52	-0.98	-0.54	-4.09	-8.77
MRBLD1CB164_COS			-1952.52	-125.53	126.72	28.59	-6.69	24.95	21.99	27.17	-30.55	-17.80	10.72	4.77	9.36	5.31	8.62	0.77
MRBLD1CB164_SIN			0.00	77.26	-49.26	25.59	86.21	34.07	12.14	2.49	3.94	-16.38	52.92	-11.01	4.02	-1.18	-14.86	22.67
MRBLD1FB42P75_COS			2990.53	227.23	-376.63	509.53	-121.65	-53.88	-116.18	-256.78	-85.80	-31.08	77.49	60.14	36.42	32.61	38.09	-76.31
MRBLD1FB42P75_SIN			0.00	15.20	-0.77	151.58	1.87	125.95	38.10	51.92	-54.12	-66.91	-103.38	51.17	19.52	17.15	85.68	-27.89
MRBLD1FB70_COS			416.76	2.36	-182.39	144.96	-44.52	-10.42	-14.67	-36.50	-0.84	2.82	-0.41	-0.91	-3.11	-5.73	-6.66	17.40
MRBLD1FB70_SIN			0.00	-205.91	25.95	42.18	-12.39	19.83	11.55	16.45	-2.95	2.12	1.75	2.13	1.83	-1.66	-18.73	5.23
MRBLD1FB87_COS			-68.00	31.13	-153.36	42.75	-48.29	-21.58	-2.15	24.26	14.20	8.87	-10.55	-11.46	-5.77	-6.63	-10.94	12.10
MRBLD1FB87_SIN			0.00	-199.85	50.46	59.95	0.27	3.19	-2.97	-6.63	3.46	8.70	25.30	-12.11	-3.26	-1.42	-16.28	6.20
MRBLD1FB120_COS			-472.41	33.74	-233.35	12.77	-19.35	-3.20	19.68	52.94	2.31	-8.30	-3.72	3.38	5.78	9.28	13.45	-19.70
MRBLD1FB120_SIN			0.00	-229.94	91.59	128.87	42.74	-13.33	-23.38	-26.33	6.19	-1.11	-10.48	3.68	-2.16	-0.50	23.53	-9.71
MRBLD1FB164_COS			-192.36	69.54	-310.16	72.84	140.67	57.88	-2.77	-74.33	-6.99	7.48	1.48	-2.53	-1.99	-2.07	-3.33	9.70
MRBLD1FB164_SIN			0.00	-379.48	101.43	136.81	63.95	-25.73	21.93	24.29	-13.44	0.60	17.78	-9.06	-2.60	-0.06	-11.47	5.85

RUN	POINT		Harmonics															
	48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-240.73	12.37	-162.51	28.37	107.43	51.30	-26.96	-76.04	11.56	12.15	-27.36	-12.15	14.46	16.23	11.73	-27.61
MRBLD1FB180_SIN			0.00	-293.32	66.97	63.12	24.36	-19.00	28.41	35.89	-21.26	-10.02	48.57	-14.53	-6.09	-6.86	26.89	-9.05
MRBLD1TOR51_COS			-1440.36	77.05	16.61	74.22	-12.26	-24.11	7.56	-23.44	7.80	3.76	-7.83	1.05	4.64	4.08	-2.07	-1.12
MRBLD1TOR51_SIN			0.00	-199.67	16.22	38.57	7.63	7.13	13.05	36.46	-0.04	-8.09	-2.22	-4.50	1.62	2.45	6.90	-10.04
MRBLD1TOR71_COS			-295.97	93.37	6.25	52.47	-4.55	-14.94	13.55	-10.57	7.00	0.96	-10.23	0.75	4.31	4.60	-1.60	-1.21
MRBLD1TOR71_SIN			0.00	-191.70	10.68	18.19	-0.41	4.20	14.64	38.24	6.30	-3.55	1.92	-5.63	-0.08	1.06	3.26	-5.43
MRBLD1TOR130_COS			-69.04	81.94	27.96	30.49	9.05	-9.56	10.16	-11.19	4.94	1.20	4.47	-1.41	0.25	-0.28	-3.28	-2.57
MRBLD1TOR130_SIN			0.00	-180.95	5.13	5.47	5.17	6.41	13.35	27.80	3.47	-0.83	3.56	9.05	3.09	0.78	-1.72	5.13
MRBLD1TOR164_COS			-242.45	43.43	68.81	2.42	-4.95	-14.48	-1.36	-0.58	6.34	2.81	-1.45	-0.32	1.57	2.19	-3.34	-3.47
MRBLD1TOR164_SIN			0.00	-107.65	-4.03	-21.21	-11.24	9.42	10.74	17.03	1.88	-1.06	5.09	4.70	2.65	0.92	1.49	-0.71
MRFBM1CB26P5_COS			-4514.18	-608.88	-23.35	77.36	-4.24	-13.14	-3.74	-11.36	-1.05	-0.78	8.05	-0.66	0.34	-0.01	-4.09	-0.63
MRFBM1CB26P5_SIN			0.00	-132.07	9.05	-15.19	-19.32	-12.15	-8.91	-5.80	-7.00	-2.43	-2.84	4.08	1.94	1.97	4.07	-3.31
MRFBM1FB9_COS			330.68	-34.38	139.16	-98.74	16.19	13.04	8.06	12.40	-0.80	-2.19	-4.74	1.12	0.66	0.72	2.35	-1.18
MRFBM1FB9_SIN			0.00	-18.90	17.94	-92.42	-3.29	-7.78	2.99	7.03	4.38	1.48	0.48	-2.73	-1.58	-0.99	-1.65	2.31
MRFBM1TOR26P5_COS			-353.15	81.37	-0.61	0.43	-0.29	0.01	0.21	-0.12	0.18	0.03	-0.13	0.06	0.02	0.01	0.17	0.08
MRFBM1TOR26P5_SIN			0.00	-99.83	0.10	0.02	0.16	-0.23	0.49	0.15	0.17	0.03	-0.01	-0.17	0.01	0.04	-0.01	-0.03

RUN	POINT		Harmonics															
	48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1179.49	-1360.16	-35.68	245.24	-16.02	-50.60	-41.65	-99.44	10.37	20.77	38.05	0.50	-3.01	-0.35	-19.69	-7.55
MRPC1CB33P25_SIN			0.00	-127.68	-2.59	31.40	43.37	5.14	5.05	-10.74	-42.02	-16.20	-54.14	50.14	18.19	14.54	39.39	-29.80
MRPC1FB33P25_COS			2249.34	156.34	-333.29	395.09	-102.86	-79.85	-106.66	-222.86	-38.78	13.96	115.78	10.44	11.00	5.86	-54.09	-21.36
MRPC1FB33P25_SIN			0.00	177.49	-69.12	220.53	-18.00	89.91	-13.35	-63.25	-82.43	-65.94	-33.70	75.42	39.52	37.89	86.64	-84.35
MRPC1TOR25P5_COS			-723.54	-57.72	-66.35	-70.17	9.08	14.57	-17.08	12.86	-9.63	-1.10	15.58	-1.48	-6.83	-3.63	-10.47	-6.41
MRPC1TOR25P5_SIN			0.00	255.78	-67.41	-15.53	-6.94	0.52	-15.46	-44.76	-5.90	5.91	-1.71	15.30	-0.37	0.09	-0.68	2.59
MRPLK1LOAD_COS			-75.25	-0.05	-4.90	-8.90	1.64	2.44	-2.05	3.22	-1.15	-0.35	2.22	-0.85	-0.86	-0.56	-2.03	-1.11
MRPLK1LOAD_SIN			0.00	5.62	-4.23	-3.52	-0.57	0.13	-2.23	-5.38	-0.54	0.56	0.23	2.08	-0.27	-0.19	-0.97	0.94
PITCHRH_COS			8845.87	-8995.53	-328.62	-52.37	-66.25	-700.92	-32.34	-33.03	148.54	-33.46	46.41	-53.20	12.93	6.96	-16.72	-250.79
PITCHRH_SIN			0.00	2737.02	-639.02	50.73	-13.12	38.74	118.83	108.60	81.35	-31.47	-87.23	28.04	29.07	67.99	4.72	280.48
ROLLRH_COS			1753.08	-2212.69	680.64	-57.22	-99.09	-181.19	-151.60	-17.03	116.53	45.23	314.72	-43.28	-3.80	51.71	-53.97	-601.79
ROLLRH_SIN			0.00	-8855.70	-450.19	-13.13	92.80	200.81	-181.27	22.45	-22.39	-1.28	-36.71	-28.26	4.58	-48.79	-5.01	-217.80
TORQ_COS			31132.13	454.77	7.10	8.65	-107.27	74.99	0.73	9.56	-9.32	0.24	-3.40	1.46	3.99	-1.18	-1.16	-6.50
TORQ_SIN			0.00	585.41	-22.17	18.03	-87.89	78.52	0.35	12.78	4.94	-6.20	8.68	2.48	-8.00	5.00	-9.31	-13.19
THRUST_COS			5663.36	-64.18	10.13	14.16	16.51	35.09	1.39	9.28	-5.56	-5.18	-35.33	2.59	1.46	-0.47	-0.56	18.31
THRUST_SIN			0.00	-81.24	9.86	7.28	33.29	-54.65	4.54	1.95	-2.60	-0.10	26.37	-5.19	-1.10	-0.13	-8.22	39.74

RUN	POINT		Harmonics															
	48	86	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-166.41	6.55	-16.76	-2.62	-26.05	11.04	8.47	-0.66	-1.50	-2.35	-13.44	2.46	0.21	-1.66	1.04	17.37
SIDERH_SIN			0.00	232.15	11.52	2.90	-58.92	-39.88	9.60	-0.58	0.05	0.76	1.79	2.19	0.15	1.69	-0.12	6.20
DRAGRH_COS			-159.26	243.50	11.47	-1.55	-14.74	30.84	-19.66	-2.47	-2.12	1.95	5.40	4.39	-0.65	-1.15	-0.71	11.85
DRAGRH_SIN			0.00	-70.56	18.80	-0.69	8.87	-19.24	-28.12	-1.13	2.42	-0.43	5.88	-4.39	0.07	-3.09	-1.47	-12.83

RUN	POINT		Harmonics															
	48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	0.03	0.00	0.00	0.00	0.00	-0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	1.99	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.73	-5.69	-1.25	-2.18	-3.01	-0.79	-0.19	0.35	0.00	0.42	0.40	0.26	0.25	0.14	0.05	0.01
ACT1FORCE_SIN			0.00	17.48	1.15	3.43	-0.02	-0.65	-0.20	0.35	0.24	0.07	-0.03	0.22	0.16	0.22	-0.03	0.03
FA1IBCURRENT_COS			0.00	0.04	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			358.36	115.71	9.21	12.37	23.49	9.66	-0.05	-0.09	0.02	0.00	-0.01	-0.06	-0.02	-0.05	0.00	0.02
FA1IBVOLTAGE_SIN			0.00	256.76	-10.18	-23.00	2.19	5.32	-0.06	0.00	0.00	0.08	0.06	0.02	0.03	0.00	-0.01	-0.03
FA1OBCURRENT_COS			0.02	-0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			447.42	-116.26	-9.11	-12.33	-23.54	-9.61	0.10	0.08	-0.02	0.01	0.01	0.05	0.02	0.04	0.00	-0.02
FA1OBVOLTAGE_SIN			0.00	-257.19	10.52	23.03	-2.21	-5.28	0.06	-0.01	-0.01	-0.09	-0.06	-0.03	-0.03	0.00	0.01	0.03
MRBLD1CB42P75_COS			-3427.48	-1780.92	78.65	219.96	14.44	-51.16	-45.15	-102.05	35.71	45.71	35.41	8.37	-13.61	-7.26	-18.98	-3.71
MRBLD1CB42P75_SIN			0.00	-361.77	-28.65	72.99	78.94	14.75	48.98	-39.90	-40.35	-12.60	-56.95	60.77	22.00	12.05	34.75	-25.16

RUN	POINT		Harmonics															
	48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2820.95	-1114.62	291.18	143.36	68.67	-8.26	-14.44	-68.05	28.38	43.91	14.70	9.90	-7.17	-3.12	-11.71	-9.58
MRBLD1CB70_SIN			0.00	-233.58	-47.91	102.53	190.15	35.42	49.70	0.79	-27.24	-12.22	-32.99	33.99	13.86	7.97	24.43	-25.67
MRBLD1CB120_COS			-546.79	-464.35	395.33	148.70	73.58	48.54	29.12	-14.71	-27.12	-19.97	1.49	4.20	11.92	7.53	-3.00	-1.55
MRBLD1CB120_SIN			0.00	-40.46	-121.82	16.17	138.73	62.73	25.94	27.74	12.30	-3.50	29.62	-22.10	-3.05	-0.50	-3.00	-7.36
MRBLD1CB164_COS			-1951.17	-143.98	124.75	36.54	-7.31	29.18	37.93	23.94	-32.75	-29.96	3.91	1.73	11.03	6.63	9.15	2.88
MRBLD1CB164_SIN			0.00	65.13	-44.35	20.14	53.22	24.49	-9.56	19.55	8.33	-10.71	24.55	-11.91	2.37	-1.36	-11.52	19.71
MRBLD1FB42P75_COS			2958.12	320.44	-333.55	511.40	-152.95	-20.02	-99.68	-255.10	-68.36	-34.34	44.04	66.70	32.09	22.91	27.72	-65.18
MRBLD1FB42P75_SIN			0.00	41.44	-8.79	113.15	-136.79	190.82	85.57	-14.20	-28.61	-38.89	-104.85	40.73	19.67	14.75	73.53	-25.51
MRBLD1FB70_COS			407.60	4.77	-163.35	144.43	-55.22	-2.64	-9.73	-37.21	1.32	3.41	0.90	-0.61	-1.84	-3.87	-5.34	14.79
MRBLD1FB70_SIN			0.00	-207.38	23.59	30.31	-55.90	37.28	22.41	2.74	-0.95	2.78	2.13	1.82	1.41	-0.97	-16.14	3.99
MRBLD1FB87_COS			-71.77	35.67	-141.05	43.99	-51.09	-18.79	-1.63	23.01	11.74	8.74	-5.10	-13.56	-4.53	-3.95	-8.23	9.34
MRBLD1FB87_SIN			0.00	-194.07	49.27	52.54	-18.18	6.45	-4.21	-2.27	-1.28	3.18	23.41	-10.62	-4.42	-1.39	-13.02	6.74
MRBLD1FB120_COS			-472.43	35.22	-229.42	16.40	-20.81	-8.78	13.08	52.07	-1.07	-8.29	-4.17	4.15	2.56	5.08	10.69	-15.25
MRBLD1FB120_SIN			0.00	-204.75	86.38	122.21	51.64	-25.30	-33.20	-5.94	3.98	-0.26	-7.84	4.41	-0.16	-1.57	17.77	-10.73
MRBLD1FB164_COS			-221.05	72.85	-276.20	83.34	157.00	52.93	-4.24	-68.99	-1.40	4.11	1.73	-7.01	-1.09	1.80	-1.31	5.92
MRBLD1FB164_SIN			0.00	-438.31	93.28	103.92	109.92	-30.66	30.68	0.42	-6.97	1.45	14.85	-10.11	-3.61	0.21	-8.39	8.75

RUN	POINT		Harmonics															
	48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-266.71	10.11	-132.26	27.34	113.73	55.32	-23.03	-76.88	11.17	6.73	-20.49	-18.59	13.25	14.99	11.23	-19.77
MRBLD1FB180_SIN			0.00	-360.84	65.23	46.61	42.00	-21.48	49.20	17.47	-22.78	-16.37	47.23	-11.34	-8.83	-10.09	20.92	-10.46
MRBLD1TOR51_COS			-1478.30	78.85	64.42	73.48	-14.09	-21.75	20.51	-22.01	8.15	4.01	-6.28	-0.25	4.85	4.63	-1.40	-0.28
MRBLD1TOR51_SIN			0.00	-322.57	20.65	45.10	-0.66	8.86	27.14	22.67	-1.90	-10.89	-1.26	-5.02	0.87	2.30	6.22	-8.02
MRBLD1TOR71_COS			-331.33	98.32	49.58	50.59	-6.38	-13.22	24.22	-10.59	7.24	1.00	-8.58	-0.54	4.55	5.03	-0.58	-0.07
MRBLD1TOR71_SIN			0.00	-305.51	15.24	25.10	-2.33	3.77	25.37	28.38	3.88	-6.18	2.42	-6.10	-0.47	1.00	2.99	-3.71
MRBLD1TOR130_COS			-105.04	84.64	69.76	29.58	7.49	-8.26	17.76	-10.34	5.54	-0.23	4.06	0.28	0.31	-0.78	-3.15	-2.19
MRBLD1TOR130_SIN			0.00	-299.44	8.18	12.86	11.00	4.01	20.47	19.17	3.77	-1.14	2.17	8.66	3.49	1.12	-1.55	4.32
MRBLD1TOR164_COS			-264.83	44.04	91.91	-0.11	-4.21	-12.50	1.48	-1.16	7.21	1.99	-1.48	0.04	1.18	2.00	-2.38	-2.68
MRBLD1TOR164_SIN			0.00	-193.13	-0.94	-14.08	-16.81	13.80	15.58	11.56	0.47	-0.87	5.35	4.38	2.32	-0.13	0.63	-0.82
MRFBM1CB26P5_COS			-4490.77	-762.15	-1.71	72.82	-6.86	-12.14	-7.48	-11.95	-0.93	-0.91	6.21	-0.12	-0.04	-0.19	-3.58	0.13
MRFBM1CB26P5_SIN			0.00	-248.65	5.04	-13.18	-12.77	-10.59	-1.92	-11.00	-5.03	-1.76	-5.18	3.93	1.44	1.18	3.33	-2.96
MRFBM1FB9_COS			299.27	109.21	104.83	-103.28	12.50	13.71	7.06	9.54	-0.62	-1.74	-4.24	0.56	0.57	0.64	2.09	-1.19
MRFBM1FB9_SIN			0.00	-2.68	20.18	-83.91	15.02	-13.72	-1.95	9.72	3.44	1.25	0.60	-2.82	-1.47	-0.70	-1.17	2.04
MRFBM1TOR26P5_COS			-353.44	82.50	-0.36	0.42	-0.27	-0.01	0.51	-0.09	0.20	0.11	-0.10	0.02	0.03	0.00	0.14	0.05
MRFBM1TOR26P5_SIN			0.00	-100.54	0.35	0.13	0.17	-0.20	0.71	0.06	0.12	-0.01	0.05	-0.17	0.02	0.05	0.00	-0.03

RUN	POINT		Harmonics															
	48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1175.50	-1609.17	10.95	237.49	-17.58	-48.17	-41.18	-92.50	12.38	21.52	34.76	9.00	-5.20	-2.63	-17.81	-3.79
MRPC1CB33P25_SIN			0.00	-275.37	-20.93	27.33	10.38	18.12	30.99	-44.59	-35.52	-16.17	-43.57	46.95	17.82	11.67	31.49	-26.37
MRPC1FB33P25_COS			2222.24	240.28	-301.48	404.91	-97.59	-71.49	-110.29	-194.32	-36.35	-1.50	92.78	22.09	7.58	1.74	-49.58	-16.44
MRPC1FB33P25_SIN			0.00	211.80	-67.86	188.34	-140.49	151.56	28.53	-114.90	-56.01	-47.69	-52.41	71.52	35.89	28.57	70.03	-73.18
MRPC1TOR25P5_COS			-683.86	-50.91	-122.13	-67.29	11.29	12.74	-32.67	12.74	-9.38	-2.14	13.13	1.49	-7.74	-5.58	-9.93	-6.34
MRPC1TOR25P5_SIN			0.00	388.81	-65.92	-24.55	-3.05	1.51	-29.72	-32.56	-2.26	9.36	-1.52	15.78	1.02	-0.34	-1.56	2.51
MRPLK1LOAD_COS			-70.13	-0.85	-11.30	-8.57	2.20	2.19	-4.26	3.09	-1.12	-0.75	1.82	-0.22	-0.98	-0.82	-1.81	-1.00
MRPLK1LOAD_SIN			0.00	21.92	-4.66	-4.47	0.30	-0.09	-4.20	-3.62	-0.09	1.11	0.01	2.13	-0.11	-0.28	-1.00	0.95
PITCHRH_COS			6203.95	-8933.27	-242.12	-42.42	-32.80	-1006.31	-38.47	-32.74	103.09	5.12	77.08	-45.00	-27.70	12.91	13.11	-157.64
PITCHRH_SIN			0.00	2742.48	-625.69	4.54	-5.52	-251.83	56.53	175.11	78.99	6.61	0.17	8.59	25.82	28.20	7.38	268.32
ROLLRH_COS			1275.64	-2155.91	643.94	-52.04	-99.20	525.53	-122.10	-4.15	50.33	29.05	310.10	-30.19	-32.78	-10.24	-58.31	-555.89
ROLLRH_SIN			0.00	-8820.56	-375.94	-10.86	104.90	-83.10	-196.46	38.23	-70.61	68.70	-100.00	-20.72	-16.56	-39.83	-24.26	-93.21
TORQ_COS			31141.65	446.09	10.60	7.63	-66.18	88.14	-0.56	22.36	-5.11	-2.52	-1.30	2.20	4.87	-2.58	-2.22	-8.15
TORQ_SIN			0.00	544.88	-18.31	26.64	-95.24	116.86	-1.10	31.02	4.18	-3.55	14.12	2.61	-6.37	7.06	-7.40	-7.89
THRUST_COS			5573.26	-56.91	11.17	16.76	8.76	31.99	1.94	18.66	-3.37	-6.03	-29.38	2.41	3.52	0.55	1.46	25.63
THRUST_SIN			0.00	-86.23	11.18	7.70	31.40	-81.23	4.73	5.42	-2.99	-0.08	34.32	-3.79	0.23	0.09	-7.33	34.59

RUN	POINT		Harmonics															
	48	87	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-167.66	-5.38	-15.17	-4.16	-18.61	-14.80	6.02	-0.53	0.58	-1.97	-13.30	1.84	1.32	0.30	1.23	15.81
SIDERH_SIN			0.00	234.27	10.62	2.55	-62.38	14.57	10.53	-1.57	0.97	-2.57	5.04	1.84	0.60	1.39	0.64	2.65
DRAGRH_COS			-181.35	245.32	10.91	-0.63	-16.24	-11.87	-10.81	-3.98	-2.15	-0.70	3.34	4.30	1.10	-0.63	-2.22	8.20
DRAGRH_SIN			0.00	-69.67	21.14	-1.34	2.57	-71.32	-28.15	0.55	0.97	-4.89	-0.56	-3.02	-1.23	-1.12	-1.72	-12.21

RUN	POINT		Harmonics															
	48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	0.04	0.01	0.00	0.00	0.00	-0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
FLAP1C_SIN			0.00	2.98	0.00	0.00	0.00	0.00	0.01	0.03	-0.01	0.00	-0.01	0.01	0.01	0.01	0.00	0.00
ACT1DISP_COS			2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.05	-6.23	-1.55	-2.05	-2.43	-0.54	-0.26	0.37	-0.07	0.37	0.38	0.15	0.13	0.17	0.06	0.09
ACT1FORCE_SIN			0.00	18.49	1.24	3.60	-0.22	-0.47	-0.21	0.63	0.09	-0.06	-0.24	0.20	0.18	0.30	-0.06	0.02
FA1IBCURRENT_COS			0.00	0.06	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			350.35	162.12	14.36	17.28	18.11	7.22	-0.04	-0.11	0.03	0.03	0.02	-0.06	-0.03	-0.06	0.01	0.00
FA1IBVOLTAGE_SIN			0.00	368.65	-12.44	-25.29	4.38	4.93	-0.02	0.01	0.04	0.11	0.07	0.02	0.03	0.02	0.01	-0.01
FA1OBCURRENT_COS			0.02	-0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			455.61	-163.12	-14.33	-17.08	-18.09	-7.19	0.13	0.11	-0.04	-0.02	-0.01	0.06	0.02	0.06	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	-369.53	13.31	25.35	-4.57	-4.85	0.06	-0.04	-0.05	-0.11	-0.08	-0.03	-0.03	-0.01	-0.01	0.02
MRBLD1CB42P75_COS			-3347.66	-1881.67	79.38	214.18	23.19	-62.88	-46.13	-92.70	56.92	44.42	41.97	36.83	-8.89	-8.02	-18.88	3.55
MRBLD1CB42P75_SIN			0.00	-499.38	-24.82	92.91	84.77	25.78	52.52	-90.94	-18.92	-17.55	-73.30	87.28	35.70	8.13	25.65	-24.90

RUN	POINT		Harmonics															
	48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2862.37	-1177.87	275.80	141.85	81.00	-44.98	6.18	-61.93	43.09	41.93	12.26	28.85	-2.96	-5.09	-10.38	-2.92
MRBLD1CB70_SIN			0.00	-330.36	-45.84	119.76	198.33	40.63	45.90	-37.84	-17.55	-18.84	-41.71	48.94	20.50	3.06	21.13	-24.45
MRBLD1CB120_COS			-552.14	-494.30	367.12	147.26	86.68	2.81	62.08	-11.09	-31.86	-19.97	-1.92	-9.19	11.48	8.81	-2.47	-0.84
MRBLD1CB120_SIN			0.00	-97.25	-111.08	34.43	139.65	65.90	17.39	7.81	5.03	4.78	37.33	-32.91	-8.11	0.89	-1.84	-4.56
MRBLD1CB164_COS			-1952.21	-153.10	114.95	39.13	-1.01	10.70	54.61	20.17	-40.38	-28.61	6.90	-8.19	11.09	8.22	6.64	-2.82
MRBLD1CB164_SIN			0.00	58.95	-41.50	29.25	52.39	19.78	-12.45	29.65	-1.15	-0.71	31.85	-20.63	-1.41	0.73	-10.76	16.59
MRBLD1FB42P75_COS			2892.58	357.32	-317.10	528.79	-141.41	5.59	-119.27	-286.86	-43.43	-15.99	51.24	98.21	43.17	19.25	12.82	-48.82
MRBLD1FB42P75_SIN			0.00	66.01	4.55	142.04	-183.70	202.27	89.30	-125.96	-12.27	-24.11	-130.75	48.82	26.14	10.85	59.57	-36.03
MRBLD1FB70_COS			402.41	6.48	-154.69	151.67	-49.35	3.62	-12.50	-42.01	6.56	4.33	0.38	-0.45	-1.75	-3.47	-3.39	10.75
MRBLD1FB70_SIN			0.00	-204.49	28.94	40.15	-68.90	43.29	24.40	-18.40	1.00	3.92	1.61	1.12	1.43	0.56	-12.71	6.34
MRBLD1FB87_COS			-68.44	34.87	-137.97	46.65	-49.41	-17.12	-0.50	24.99	8.33	5.73	-7.12	-22.76	-7.44	-2.64	-4.52	6.38
MRBLD1FB87_SIN			0.00	-186.14	53.61	56.96	-22.40	9.79	-1.16	8.49	-3.22	2.58	31.08	-12.20	-6.74	-0.89	-10.00	9.20
MRBLD1FB120_COS			-458.11	40.02	-223.13	24.82	-21.97	-11.28	16.38	59.55	-8.17	-9.11	-1.81	8.74	3.50	2.97	6.13	-11.25
MRBLD1FB120_SIN			0.00	-182.86	81.56	119.66	52.61	-34.98	-37.10	22.92	0.69	-3.98	-10.21	6.16	1.89	-2.42	13.44	-14.27
MRBLD1FB164_COS			-249.33	80.75	-247.94	94.28	158.14	45.98	-11.74	-75.56	9.21	6.25	0.44	-12.95	-2.19	5.61	4.09	5.19
MRBLD1FB164_SIN			0.00	-498.21	95.29	83.07	120.18	-31.86	33.60	-41.01	0.48	7.95	20.00	-12.93	-7.32	-1.06	-6.59	11.35

RUN	POINT		Harmonics															
	48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-291.77	17.16	-102.93	29.68	112.41	59.59	-25.64	-85.73	16.80	4.30	-23.09	-35.28	7.58	12.01	4.47	-16.94
MRBLD1FB180_SIN			0.00	-430.69	66.20	36.39	37.02	-27.06	57.15	-16.62	-22.51	-15.74	60.75	-16.88	-15.63	-11.79	18.71	-11.90
MRBLD1TOR51_COS			-1520.55	83.92	102.04	66.39	-13.50	-25.37	21.86	-25.58	7.42	2.28	-7.35	-1.10	5.42	4.95	-1.81	2.40
MRBLD1TOR51_SIN			0.00	-441.85	31.14	55.61	-5.62	9.97	31.30	5.38	-0.42	-11.48	-1.46	-7.80	-1.39	1.22	3.87	-7.65
MRBLD1TOR71_COS			-369.01	104.16	85.75	44.27	-6.15	-16.30	25.61	-14.64	5.98	-0.77	-9.94	-2.40	4.69	4.92	-1.23	0.81
MRBLD1TOR71_SIN			0.00	-416.01	24.57	33.00	-5.44	3.97	28.52	17.17	3.80	-7.15	2.84	-8.97	-2.52	0.81	2.15	-3.63
MRBLD1TOR130_COS			-142.62	90.02	106.76	24.89	6.30	-11.82	18.83	-13.43	5.17	-1.69	4.84	0.79	0.76	-0.90	-3.63	-4.17
MRBLD1TOR130_SIN			0.00	-414.65	15.08	18.18	10.96	3.36	21.72	7.58	5.07	-0.33	0.60	11.73	4.93	2.15	-0.35	3.39
MRBLD1TOR164_COS			-287.73	46.91	114.90	-5.17	-2.88	-13.22	1.54	-3.29	7.08	1.48	-1.96	-0.98	0.67	1.65	-1.95	-3.62
MRBLD1TOR164_SIN			0.00	-275.85	2.44	-10.33	-19.41	16.37	16.96	7.36	-1.04	-1.44	6.25	5.56	2.58	-0.17	0.89	-0.55
MRFBM1CB26P5_COS			-4417.32	-824.04	0.92	67.83	-9.28	-7.38	-12.82	-11.21	0.47	-0.43	9.02	0.92	-0.30	0.38	-3.43	0.87
MRFBM1CB26P5_SIN			0.00	-334.55	6.46	-8.06	-10.40	-9.40	-0.21	-14.59	-1.23	-1.14	-6.66	5.37	2.27	1.42	1.54	-2.42
MRFBM1FB9_COS			221.84	205.14	97.54	-105.32	8.75	13.31	7.68	6.78	-0.98	-1.62	-5.02	0.26	0.64	0.55	1.75	-1.49
MRFBM1FB9_SIN			0.00	23.96	9.21	-93.58	19.30	-15.73	-2.77	15.40	1.85	0.61	0.84	-4.27	-1.99	-0.52	-0.79	1.57
MRFBM1TOR26P5_COS			-353.96	83.15	-0.14	0.37	-0.33	-0.14	0.63	-0.01	0.21	0.12	-0.12	0.05	0.01	-0.01	0.13	0.10
MRFBM1TOR26P5_SIN			0.00	-101.74	0.48	0.17	0.10	-0.24	0.86	-0.03	0.12	-0.06	0.08	-0.29	0.00	0.01	-0.06	-0.03

RUN	POINT		Harmonics															
	48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1123.80	-1687.50	16.52	230.08	-12.30	-47.07	-47.83	-85.70	27.50	21.22	41.12	28.81	-1.34	-2.45	-17.59	3.59
MRPC1CB33P25_SIN			0.00	-377.08	-20.14	44.77	8.32	27.41	34.92	-87.23	-17.97	-15.43	-56.56	64.26	27.46	9.00	22.19	-25.07
MRPC1FB33P25_COS			2165.29	272.67	-294.15	416.03	-76.51	-55.15	-126.85	-174.08	-24.46	4.66	113.24	39.82	9.66	2.16	-46.31	1.80
MRPC1FB33P25_SIN			0.00	240.50	-55.18	214.34	-175.29	168.90	25.19	-215.88	-31.62	-26.78	-67.42	99.24	48.80	23.17	49.64	-64.46
MRPC1TOR25P5_COS			-640.48	-53.07	-166.44	-58.92	12.17	15.52	-35.38	16.58	-7.54	-0.93	16.16	4.17	-8.76	-6.20	-9.06	-9.42
MRPC1TOR25P5_SIN			0.00	515.85	-75.00	-36.37	2.45	1.77	-36.03	-18.21	-3.17	11.00	-3.19	24.07	5.78	0.78	0.47	2.21
MRPLK1LOAD_COS			-64.18	-1.91	-16.62	-7.55	2.30	2.71	-4.72	3.48	-1.05	-0.64	2.15	-0.11	-1.00	-0.87	-1.67	-1.78
MRPLK1LOAD_SIN			0.00	38.16	-6.18	-5.88	1.08	-0.12	-4.97	-1.47	-0.26	1.34	-0.21	3.53	0.49	0.07	-0.33	0.82
PITCHRH_COS			4420.38	-8925.95	-143.06	-62.09	-15.32	-978.12	47.45	-16.54	170.72	-11.11	134.92	-64.85	-34.26	66.45	26.46	-180.27
PITCHRH_SIN			0.00	2686.41	-703.79	-20.15	-69.69	-432.33	77.17	102.32	92.52	59.00	103.43	23.11	1.04	25.14	-5.31	215.40
ROLLRH_COS			752.94	-2052.28	691.17	0.84	-122.66	827.41	-64.34	-29.70	66.14	19.87	315.92	-55.74	-23.08	-6.18	-98.56	-486.90
ROLLRH_SIN			0.00	-8788.73	-227.64	51.50	73.97	124.86	-220.87	48.53	-29.25	54.76	-70.13	-13.83	-21.97	-73.53	-22.97	-149.00
TORQ_COS			32133.06	427.23	10.52	25.34	-75.97	91.27	-3.57	21.37	-14.18	-4.47	-7.72	-1.73	2.34	-4.28	-1.27	-7.12
TORQ_SIN			0.00	538.02	-12.57	16.14	-129.10	116.49	-5.51	26.31	-8.42	-1.02	17.15	7.20	-5.52	2.94	-7.87	-8.70
THRUST_COS			5343.15	-48.26	14.76	19.75	6.62	20.72	0.78	14.93	-5.16	-7.38	-34.44	2.77	1.95	-2.41	5.15	16.87
THRUST_SIN			0.00	-103.00	4.81	-5.09	33.30	-85.91	7.34	2.61	0.53	-1.33	40.26	-1.54	1.36	2.35	-7.62	31.51

RUN	POINT		Harmonics															
	48	88	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-164.82	-13.87	-16.47	-2.87	-0.35	-42.11	6.70	-0.01	-1.37	-1.73	-14.32	2.81	0.87	0.01	2.55	14.13
SIDERH_SIN			0.00	236.23	10.04	5.30	-62.95	23.56	12.26	-2.36	0.34	-2.18	4.65	1.70	0.97	2.13	0.48	4.39
DRAGRH_COS			-198.09	247.54	12.50	-1.00	-18.21	-12.23	-3.38	-4.90	-2.45	0.81	0.05	4.46	1.65	-2.93	-2.83	9.68
DRAGRH_SIN			0.00	-69.22	24.03	-1.67	-4.81	-97.92	-34.74	1.85	3.82	-6.91	-10.89	-3.97	-1.18	0.52	-0.90	-10.14

RUN	POINT		Harmonics															
	48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN			0.00	-0.99	0.00	0.00	0.00	0.00	-0.02	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.68	6.80	1.67	-4.43	-3.54	-1.19	0.17	0.97	0.25	-0.19	-0.13	0.13	0.36	0.30	-0.02	-0.09
ACT1FORCE_SIN			0.00	12.02	1.84	2.39	0.18	-0.41	-0.44	-0.39	0.35	0.07	-0.03	0.04	-0.13	0.05	-0.07	0.09
FA1IBCURRENT_COS			-0.01	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			383.25	-101.12	-21.36	32.48	25.97	5.08	-0.04	-0.01	-0.04	-0.01	0.03	-0.02	0.00	-0.02	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-270.17	-8.92	-13.79	-0.48	3.41	0.09	0.04	-0.05	-0.03	0.01	0.02	0.04	0.05	-0.02	0.01
FA1OBCURRENT_COS			0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			422.51	101.48	21.58	-32.42	-26.13	-5.21	-0.02	-0.01	0.04	0.02	-0.03	0.02	0.00	0.02	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	270.69	9.21	13.93	0.61	-3.40	-0.10	-0.06	0.03	0.02	-0.01	-0.02	-0.04	-0.04	0.02	-0.01
MRBLD1CB42P75_COS			-3469.13	-1211.65	-16.72	253.84	-57.13	-75.57	-30.97	-153.55	34.94	33.60	-21.19	-2.69	-7.47	-11.71	-31.26	-4.22
MRBLD1CB42P75_SIN			0.00	67.31	-28.53	50.74	186.81	-35.37	0.22	54.64	-63.76	3.97	-74.71	44.93	12.13	7.36	19.35	-20.84

RUN	POINT		Harmonics															
	48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2787.10	-754.25	269.40	144.86	-39.95	-60.39	-65.18	-103.33	22.62	32.24	-18.34	0.14	-1.93	-5.80	-22.47	-3.18
MRBLD1CB70_SIN			0.00	83.72	-56.02	93.08	322.06	-8.32	60.35	68.13	-32.25	9.05	-66.89	25.23	4.43	3.26	12.91	-21.72
MRBLD1CB120_COS			-549.56	-326.18	415.82	136.12	-24.52	-11.73	-65.15	-39.01	-34.71	-1.04	36.55	6.55	6.44	7.68	0.68	2.76
MRBLD1CB120_SIN			0.00	172.32	-152.17	12.15	315.65	4.84	89.33	51.04	1.87	-12.61	50.06	-15.79	0.73	0.08	-3.64	-8.58
MRBLD1CB164_COS			-1955.40	-105.37	138.46	31.61	-49.91	-0.08	-15.31	38.77	-33.41	-10.55	28.68	5.87	6.27	5.79	12.06	-3.27
MRBLD1CB164_SIN			0.00	83.04	-54.35	16.00	131.38	16.68	32.84	-4.76	4.07	-27.40	59.57	-7.39	6.04	1.44	-6.42	16.81
MRBLD1FB42P75_COS			3054.78	142.86	-435.47	511.90	-121.73	-108.54	-70.49	-308.22	-117.87	-34.15	56.74	42.67	25.42	11.78	-5.51	-59.54
MRBLD1FB42P75_SIN			0.00	-16.83	-13.22	81.92	246.53	35.43	2.34	210.07	-114.58	-91.76	-45.37	26.48	13.78	15.66	69.84	-30.77
MRBLD1FB70_COS			426.83	-1.46	-209.60	148.52	-51.62	-27.55	-6.02	-43.93	-4.87	3.13	-1.47	-0.74	-1.64	-2.09	2.14	14.25
MRBLD1FB70_SIN			0.00	-207.94	18.14	20.31	65.64	-7.13	1.63	47.11	-9.31	1.78	3.18	2.52	1.56	-1.53	-15.25	6.53
MRBLD1FB87_COS			-68.30	26.67	-170.13	46.56	-51.06	-25.87	-4.91	30.72	18.39	10.51	-3.87	-7.79	-3.10	-2.12	-1.65	8.55
MRBLD1FB87_SIN			0.00	-211.27	44.03	53.16	33.25	-1.29	-4.18	-19.62	12.13	11.93	11.75	-5.46	-1.38	-0.78	-13.42	5.93
MRBLD1FB120_COS			-484.76	30.47	-248.98	4.56	-17.54	4.59	7.07	61.39	7.82	-9.62	-8.10	1.61	3.59	2.99	1.30	-13.00
MRBLD1FB120_SIN			0.00	-278.52	94.13	128.49	25.76	13.04	-12.35	-67.43	13.61	-2.09	-8.46	-1.19	-4.70	-1.45	19.90	-9.68
MRBLD1FB164_COS			-132.48	54.31	-378.60	49.82	138.16	73.76	14.88	-98.21	-13.00	11.88	6.01	-2.05	-2.42	-1.34	1.27	5.20
MRBLD1FB164_SIN			0.00	-251.16	97.04	172.29	-20.52	-18.49	10.79	85.53	-27.21	0.94	16.07	-1.07	-1.37	1.45	-7.51	4.10

RUN	POINT		Harmonics															
	48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-183.00	0.01	-225.39	23.36	110.24	44.63	-13.56	-89.87	12.44	19.67	-17.15	-15.20	7.69	8.91	-2.98	-18.56
MRBLD1FB180_SIN			0.00	-139.37	58.26	81.42	-5.75	-12.28	2.21	82.53	-21.59	-4.02	21.07	-2.87	-1.47	-5.63	20.66	-10.18
MRBLD1TOR51_COS			-1366.46	58.66	-60.65	75.50	-10.22	-22.49	-5.59	-28.54	11.00	5.53	-6.67	-2.45	2.59	1.62	-4.71	1.58
MRBLD1TOR51_SIN			0.00	37.95	1.32	14.27	17.69	-5.01	-7.65	58.32	1.83	-2.94	-3.48	-4.15	0.23	1.32	2.30	-8.45
MRBLD1TOR71_COS			-228.82	73.09	-65.36	52.73	1.35	-11.46	1.07	-10.63	9.30	2.51	-6.76	-2.56	2.48	3.30	-3.08	0.32
MRBLD1TOR71_SIN			0.00	29.59	-3.29	-1.36	0.00	-2.30	-3.03	53.74	10.68	1.14	0.03	-3.92	-0.98	0.57	1.20	-4.46
MRBLD1TOR130_COS			-0.74	63.85	-43.40	27.56	17.01	-7.12	2.25	-14.09	5.87	3.22	2.16	-1.23	0.06	0.20	-2.17	-3.40
MRBLD1TOR130_SIN			0.00	48.81	-5.03	-8.22	-5.07	3.06	2.02	43.41	3.66	0.52	5.21	8.51	3.11	0.55	-0.67	4.60
MRBLD1TOR164_COS			-198.70	31.90	27.85	4.22	-6.75	-17.28	-4.36	0.16	6.04	3.77	0.77	0.31	2.06	3.11	-2.33	-3.44
MRBLD1TOR164_SIN			0.00	59.49	-11.00	-30.80	-1.88	-1.00	3.88	24.03	5.30	-0.86	3.19	5.88	3.21	0.10	0.39	-0.58
MRFBM1CB26P5_COS			-4536.20	-483.04	-47.56	89.48	4.65	-5.98	7.09	-16.64	0.74	0.09	2.07	0.28	-0.48	-0.59	-3.81	-0.64
MRFBM1CB26P5_SIN			0.00	-24.56	6.17	-22.80	-22.27	-11.46	-17.47	-3.13	-12.71	-3.59	2.47	2.41	1.77	1.02	1.97	-3.25
MRFBM1FB9_COS			416.84	-175.14	180.70	-103.63	31.71	14.10	6.80	20.28	-1.63	-2.34	-2.48	0.53	0.40	0.80	2.13	-1.09
MRFBM1FB9_SIN			0.00	-43.79	28.32	-75.68	-30.87	3.36	7.10	2.51	7.00	1.84	0.74	-1.86	-1.15	-0.36	0.02	1.82
MRFBM1TOR26P5_COS			-352.46	79.79	-1.03	0.30	-0.28	0.01	-0.11	-0.09	0.20	-0.05	-0.10	0.02	0.02	-0.01	0.14	0.12
MRFBM1TOR26P5_SIN			0.00	-98.05	0.02	-0.16	-0.04	-0.36	-0.04	0.23	0.24	0.11	-0.11	-0.18	-0.02	0.07	-0.03	-0.04

RUN	POINT		Harmonics															
	48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1181.76	-1113.10	-92.29	278.41	-47.84	-60.70	-16.28	-139.36	13.81	21.15	-1.06	1.23	-3.04	-7.26	-28.95	-3.72
MRPC1CB33P25_SIN			0.00	68.94	-3.70	-4.12	101.63	-30.11	-17.88	34.64	-69.21	-13.69	-36.74	34.26	11.97	8.50	17.99	-23.63
MRPC1FB33P25_COS			2301.55	84.00	-370.99	407.89	-162.02	-100.67	-57.12	-325.94	-35.86	23.69	67.00	14.19	7.76	-4.48	-66.99	-8.36
MRPC1FB33P25_SIN			0.00	133.82	-86.29	164.93	184.50	-0.50	-23.60	39.03	-143.24	-85.59	-3.92	46.40	27.24	20.35	39.16	-71.74
MRPC1TOR25P5_COS			-799.89	-46.09	23.19	-70.54	-0.02	11.71	1.01	14.24	-13.04	-1.82	9.49	2.98	-4.26	-1.20	-7.69	-8.48
MRPC1TOR25P5_SIN			0.00	1.07	-57.79	10.60	-9.00	6.80	8.16	-64.78	-11.21	-0.02	1.02	12.28	-0.60	-0.56	0.33	2.65
MRPLK1LOAD_COS			-85.45	2.92	5.74	-8.80	0.39	2.32	0.40	3.48	-1.54	-0.26	1.72	-0.17	-0.57	-0.09	-1.54	-1.65
MRPLK1LOAD_SIN			0.00	-26.42	-2.52	-0.10	-1.62	1.56	1.04	-8.29	-1.07	-0.24	0.74	1.95	-0.27	-0.29	-0.48	0.85
PITCHRH_COS			12197.66	-8984.97	-609.06	-39.59	-41.28	-188.47	-29.89	-32.17	145.79	-74.78	45.86	-8.75	13.68	-2.50	-7.61	-288.54
PITCHRH_SIN			0.00	2765.93	-679.41	119.75	-65.20	778.50	55.89	77.82	35.03	-66.27	-279.56	70.12	18.16	69.48	-3.15	224.92
ROLLRH_COS			2526.95	-2244.52	747.19	-103.31	-88.95	-1515.49	-198.28	15.09	133.65	87.40	266.57	-83.59	-17.36	16.68	-6.17	-580.24
ROLLRH_SIN			0.00	-8827.91	-725.39	-22.66	63.98	308.18	-77.27	-63.18	7.15	-39.89	9.79	-23.53	51.92	-26.23	-38.12	-188.29
TORQ_COS			30877.27	459.48	5.31	-0.62	-90.48	59.09	-3.05	12.21	-20.19	-1.18	11.42	0.55	2.87	-2.22	-3.42	2.22
TORQ_SIN			0.00	614.68	-18.81	9.44	-83.40	54.38	6.85	23.28	14.93	-7.17	-16.96	2.37	-9.43	7.18	-8.49	-14.53
THRUST_COS			5918.36	-46.71	2.19	7.87	18.04	38.87	5.57	12.29	-1.58	-1.38	-19.25	-1.15	3.23	-0.71	3.44	17.86
THRUST_SIN			0.00	-81.55	4.07	8.72	30.83	-14.82	2.40	12.54	-2.81	1.27	9.99	-4.86	-1.54	0.17	-3.45	35.78

RUN	POINT		Harmonics															
	48	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-168.98	4.78	-14.23	-2.71	-14.43	81.82	16.62	-3.34	-3.13	-4.14	-11.34	4.57	0.69	-0.68	-0.22	17.24
SIDERH_SIN			0.00	223.43	15.60	2.02	-36.84	-111.82	6.10	1.35	-0.52	2.43	-0.36	1.20	-1.64	1.01	0.85	5.70
DRAGRH_COS			-122.38	242.77	14.87	-1.42	-4.55	60.63	-18.09	0.50	-1.74	2.48	3.03	0.15	-1.45	-0.20	-0.20	12.98
DRAGRH_SIN			0.00	-70.84	11.31	-2.24	8.88	98.49	-16.59	3.24	3.08	3.54	14.58	-6.98	0.73	-2.15	-1.04	-10.82

RUN	POINT		Harmonics															
	48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-0.03	0.00	0.00	0.00	0.00	0.02	0.03	0.00	-0.01	0.00	0.00	0.01	0.01	0.00	0.00
FLAP1C_SIN			0.00	-1.99	0.00	0.00	0.00	0.00	-0.02	-0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.82	8.32	2.56	-4.76	-3.51	-0.94	0.18	1.20	0.32	-0.25	-0.17	0.14	0.38	0.39	-0.04	-0.09
ACT1FORCE_SIN			0.00	8.79	2.01	2.62	0.76	-0.38	-0.38	-0.93	0.56	0.06	0.34	0.03	0.01	-0.04	-0.03	0.09
FA1IBCURRENT_COS			-0.01	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			380.48	-149.69	-23.87	31.40	23.22	1.26	0.16	0.01	-0.24	-0.11	0.00	0.09	0.05	-0.03	-0.13	-0.11
FA1IBVOLTAGE_SIN			0.00	-389.51	-5.84	-13.18	-4.48	3.63	0.13	0.09	0.16	0.30	0.32	0.21	0.07	0.06	0.04	0.15
FA1OBCURRENT_COS			0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			425.43	150.35	24.16	-31.37	-23.59	-1.51	-0.16	-0.01	0.23	0.08	-0.04	-0.12	-0.06	0.03	0.12	0.10
FA1OBVOLTAGE_SIN			0.00	390.34	6.70	13.40	4.61	-3.62	-0.20	-0.14	-0.18	-0.31	-0.32	-0.20	-0.07	-0.07	-0.06	-0.17
MRBLD1CB42P75_COS			-3446.56	-987.54	-36.31	264.35	-85.10	-93.69	-24.81	-208.19	40.19	22.21	-9.01	-13.52	-2.31	-7.02	-27.81	-13.03
MRBLD1CB42P75_SIN			0.00	195.31	-43.64	35.86	212.96	-41.56	-11.60	93.21	-82.78	2.09	-14.97	12.78	1.91	5.70	20.38	-24.93

RUN	POINT		Harmonics															
	48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2798.96	-613.04	269.34	145.26	-78.99	-84.63	-77.09	-142.59	25.76	16.75	4.52	-9.42	0.85	-2.51	-21.94	-10.32
MRBLD1CB70_SIN			0.00	182.59	-69.68	78.84	350.10	-6.92	69.55	103.04	-39.41	9.25	-27.62	6.69	-0.22	3.02	13.98	-21.72
MRBLD1CB120_COS			-541.58	-271.08	427.72	131.02	-59.03	-30.38	-90.37	-63.22	-38.59	5.67	27.24	12.38	5.41	7.45	1.50	2.43
MRBLD1CB120_SIN			0.00	245.03	-169.12	2.04	358.72	2.13	116.06	77.13	7.97	-8.31	18.30	-2.41	4.61	0.99	-1.12	-9.12
MRBLD1CB164_COS			-1964.75	-90.80	150.35	29.13	-62.75	-8.22	-29.55	46.61	-37.70	2.54	11.75	12.52	5.49	5.03	12.78	-0.63
MRBLD1CB164_SIN			0.00	81.46	-58.12	13.37	149.78	19.47	50.45	-8.25	11.12	-22.99	26.97	2.09	7.02	1.27	-7.49	18.42
MRBLD1FB42P75_COS			3077.81	76.59	-473.37	505.21	-118.47	-125.19	-61.98	-381.18	-122.21	-17.94	45.18	20.82	24.79	17.53	12.05	-78.52
MRBLD1FB42P75_SIN			0.00	-34.26	-16.90	74.44	356.17	-6.31	-17.81	338.79	-143.19	-106.45	-0.39	-0.76	-0.21	7.38	66.95	-21.05
MRBLD1FB70_COS			432.07	-2.88	-224.45	147.41	-52.16	-32.91	-3.98	-56.29	-5.77	3.33	-0.23	-1.13	-1.91	-3.22	-1.43	18.48
MRBLD1FB70_SIN			0.00	-209.85	15.96	17.53	100.41	-17.32	-2.74	72.77	-12.10	1.73	4.58	3.38	2.39	-0.42	-14.65	4.71
MRBLD1FB87_COS			-67.38	24.90	-179.24	47.07	-51.36	-28.16	-6.17	37.81	17.83	7.35	-4.05	-2.09	-2.71	-3.07	-5.59	12.11
MRBLD1FB87_SIN			0.00	-219.39	41.71	52.11	46.85	-4.28	-5.59	-30.77	16.09	13.06	-0.39	0.75	1.74	1.27	-13.02	3.53
MRBLD1FB120_COS			-487.65	26.60	-257.79	2.46	-15.24	8.01	4.21	79.66	10.83	-8.43	-8.09	-1.24	2.22	3.46	6.84	-18.09
MRBLD1FB120_SIN			0.00	-304.51	97.60	130.18	16.86	22.37	-6.34	-102.52	17.48	-0.76	-4.83	-4.40	-6.27	-2.95	18.86	-7.33
MRBLD1FB164_COS			-97.73	49.11	-420.89	43.58	130.48	78.78	17.07	-128.30	-17.15	10.54	5.51	2.27	-1.58	-1.80	-1.43	7.47
MRBLD1FB164_SIN			0.00	-183.29	96.10	195.39	-54.72	-18.88	4.28	131.54	-33.62	-2.09	8.45	2.35	-0.97	3.92	-5.79	1.72

RUN	POINT		Harmonics															
	48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-153.84	-3.14	-261.04	24.61	106.54	40.61	-12.95	-112.82	11.83	18.02	-17.50	-4.66	7.57	11.36	5.63	-23.33
MRBLD1FB180_SIN			0.00	-59.76	54.51	94.15	-17.23	-11.05	-12.77	120.74	-22.68	-5.52	-7.81	6.62	0.72	-8.60	17.66	-5.29
MRBLD1TOR51_COS			-1328.03	52.78	-104.05	79.13	-11.39	-23.13	-10.41	-45.14	14.80	6.16	-3.00	-2.14	2.35	3.05	-2.22	-0.47
MRBLD1TOR51_SIN			0.00	160.80	-9.14	5.64	23.76	-4.94	-19.09	76.23	1.69	-2.11	-5.39	-2.04	0.49	1.06	5.00	-6.49
MRBLD1TOR71_COS			-193.56	65.40	-105.56	56.08	1.91	-11.10	-3.05	-20.46	12.21	2.91	-3.28	-2.27	1.95	4.22	-1.05	-0.67
MRBLD1TOR71_SIN			0.00	144.15	-12.36	-8.40	1.84	-0.51	-12.45	66.89	12.26	2.25	-3.76	-0.51	-0.17	0.45	2.77	-3.35
MRBLD1TOR130_COS			35.36	58.27	-82.62	30.54	18.52	-6.80	-0.02	-24.51	7.66	4.72	0.39	-1.12	0.98	0.73	-2.42	-2.51
MRBLD1TOR130_SIN			0.00	167.50	-12.48	-13.43	-8.33	5.10	-4.38	55.83	2.94	1.06	6.03	6.32	2.85	0.60	-2.26	3.37
MRBLD1TOR164_COS			-173.68	29.22	5.32	7.31	-8.12	-18.79	-4.59	-1.87	6.11	3.50	0.86	0.50	2.33	3.54	-1.84	-3.47
MRBLD1TOR164_SIN			0.00	146.27	-15.72	-35.79	2.97	-3.04	0.00	30.06	6.08	-0.39	0.57	5.80	2.86	0.39	-0.66	-2.90
MRFBM1CB26P5_COS			-4528.09	-379.04	-57.58	94.76	7.00	-6.03	11.15	-21.14	1.32	1.98	-2.09	0.62	0.66	-0.09	-2.60	-1.29
MRFBM1CB26P5_SIN			0.00	34.23	1.90	-25.79	-23.89	-13.37	-22.71	-1.95	-16.75	-3.95	5.24	0.49	0.84	1.10	2.96	-4.51
MRFBM1FB9_COS			453.35	-273.52	204.94	-103.15	37.60	14.22	6.87	28.35	-2.27	-2.62	-1.35	0.14	0.02	0.59	2.08	-0.67
MRFBM1FB9_SIN			0.00	-49.93	36.11	-71.74	-42.80	7.81	9.48	-0.10	7.77	1.78	-0.60	-0.64	-0.78	-0.41	-0.35	2.49
MRFBM1TOR26P5_COS			-352.13	78.71	-1.23	0.30	-0.30	0.01	-0.24	-0.20	0.22	-0.07	-0.02	0.04	-0.01	0.00	0.14	0.09
MRFBM1TOR26P5_SIN			0.00	-97.23	0.02	-0.29	-0.10	-0.37	-0.28	0.36	0.23	0.11	-0.14	-0.13	-0.02	0.02	0.04	0.03

RUN	POINT		Harmonics															
	48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1164.33	-908.70	-115.59	290.44	-61.99	-71.79	-7.25	-187.35	18.00	19.70	-1.56	-4.74	1.16	-2.71	-24.40	-13.24
MRPC1CB33P25_SIN			0.00	177.21	-13.65	-16.87	125.66	-40.11	-31.62	67.81	-88.77	-14.98	1.74	10.51	4.29	6.46	21.31	-28.37
MRPC1FB33P25_COS			2318.36	25.64	-396.72	401.42	-184.83	-103.55	-43.35	-433.89	-27.00	42.18	34.04	14.80	17.70	6.09	-53.99	-27.83
MRPC1FB33P25_SIN			0.00	109.85	-93.71	156.97	275.00	-38.88	-36.51	110.18	-167.38	-89.47	23.94	12.34	16.93	19.12	52.43	-83.61
MRPC1TOR25P5_COS			-838.89	-45.05	73.25	-75.22	-0.62	12.55	6.98	27.54	-16.67	-2.54	4.09	0.79	-2.37	-1.57	-8.93	-6.90
MRPC1TOR25P5_SIN			0.00	-130.45	-50.84	19.27	-12.64	4.53	20.85	-81.75	-11.42	-1.54	7.52	6.28	-1.71	-0.08	-2.75	-2.52
MRPLK1LOAD_COS			-90.54	4.00	11.66	-9.29	0.06	2.41	1.28	5.48	-1.99	-0.25	0.75	-0.26	-0.40	-0.15	-1.70	-1.26
MRPLK1LOAD_SIN			0.00	-42.86	-1.35	1.07	-2.38	1.43	2.77	-10.89	-1.08	-0.19	1.37	1.23	-0.33	-0.12	-1.11	-0.10
PITCHRH_COS			14282.89	-8997.60	-714.15	-4.97	-79.27	8.83	-137.66	-32.89	98.98	-56.43	82.93	-16.27	15.75	2.10	4.22	-265.23
PITCHRH_SIN			0.00	2713.55	-718.38	88.62	-75.67	1070.19	-19.99	123.00	-46.09	-80.59	-352.92	79.36	6.79	38.14	-5.23	235.08
ROLLRH_COS			2633.18	-2270.62	758.06	-124.34	-111.62	-2177.14	-181.07	-10.40	150.85	114.41	226.19	-76.78	-11.01	-7.76	10.53	-635.79
ROLLRH_SIN			0.00	-8837.52	-828.13	6.94	97.07	347.47	-85.12	-104.21	-4.12	-10.02	37.36	-30.64	14.53	-45.56	-35.21	-118.56
TORQ_COS			31186.68	465.57	-0.23	-3.37	-88.39	68.82	2.02	18.40	-20.43	-2.38	19.66	1.91	6.29	-3.51	-5.09	7.30
TORQ_SIN			0.00	659.40	-14.02	20.75	-85.27	37.48	11.67	28.30	29.35	-4.29	-24.66	3.55	-6.33	6.94	-6.75	-11.46
THRUST_COS			6022.51	-45.95	1.49	11.10	18.39	38.19	5.61	17.34	0.55	-2.73	-14.28	0.37	3.03	-0.54	3.83	23.96
THRUST_SIN			0.00	-95.35	3.15	12.26	28.88	5.59	2.70	15.97	-3.42	0.76	8.82	-5.12	0.89	2.44	-1.82	35.81

RUN	POINT		Harmonics															
	48	90	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-170.43	8.82	-13.64	-3.64	-13.66	106.48	13.76	-2.85	-3.07	-5.45	-9.40	3.79	0.75	0.19	-0.53	18.86
SIDERH_SIN			0.00	224.91	17.91	0.62	-42.32	-151.31	7.51	1.50	-0.28	0.64	-1.75	1.52	-0.40	1.51	0.65	3.57
DRAGRH_COS			-99.18	242.57	16.84	-2.29	-5.36	81.18	-9.78	-1.34	-0.68	1.93	-0.80	1.24	-3.25	0.47	-0.39	11.85
DRAGRH_SIN			0.00	-72.30	8.42	-1.46	12.04	151.08	-7.48	6.33	2.04	4.50	14.33	-6.03	-0.55	-1.30	-0.77	-11.47

RUN	POINT		Harmonics															
	48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-0.05	0.01	0.00	0.00	0.00	0.03	0.02	0.00	-0.01	0.00	0.00	0.01	0.02	0.00	0.00
FLAP1C_SIN			0.00	-2.98	0.00	0.00	0.00	0.00	-0.01	-0.04	0.03	0.01	0.01	0.01	0.00	0.00	0.00	-0.01
ACT1DISP_COS			2.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-15.12	8.96	2.99	-5.11	-3.35	-0.95	0.16	0.97	0.34	-0.44	-0.04	0.19	0.43	0.47	-0.01	-0.07
ACT1FORCE_SIN			0.00	6.47	2.15	2.66	1.07	-0.22	-0.28	-1.21	0.62	0.09	0.33	0.10	-0.02	-0.06	-0.09	0.00
FA1IBCURRENT_COS			-0.01	-0.07	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			382.46	-192.88	-21.26	28.45	19.61	-0.49	0.15	0.28	-0.06	-0.02	-0.07	-0.05	-0.04	-0.02	-0.01	0.04
FA1IBVOLTAGE_SIN			0.00	-485.15	-8.27	-11.39	-6.79	1.86	-0.07	0.05	0.04	-0.01	0.00	-0.01	0.01	0.11	-0.04	0.00
FA1OBCURRENT_COS			0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			424.01	194.26	21.31	-28.64	-20.30	0.15	0.07	-0.14	0.05	0.01	0.06	0.04	0.04	0.01	0.00	-0.03
FA1OBVOLTAGE_SIN			0.00	486.51	10.51	11.89	6.57	-2.08	-0.02	-0.08	0.02	0.06	0.00	0.00	-0.02	-0.11	0.03	-0.01
MRBLD1CB42P75_COS			-3441.66	-1061.89	-57.78	266.70	-124.23	-91.53	-6.94	-198.36	44.94	18.34	-33.92	-22.38	-0.70	-7.40	-37.14	-9.77
MRBLD1CB42P75_SIN			0.00	154.20	-59.04	34.76	258.20	-56.09	-28.74	138.04	-79.25	12.97	-16.15	-9.41	-3.50	6.39	24.36	-25.70

RUN	POINT		Harmonics															
	48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2803.79	-655.60	266.40	138.33	-135.26	-69.56	-67.25	-128.94	29.59	12.32	-12.18	-15.75	1.43	-1.80	-26.61	-5.27
MRBLD1CB70_SIN			0.00	166.65	-80.07	75.60	413.62	-25.12	71.65	135.16	-34.32	20.62	-43.32	-7.99	-3.92	-1.14	16.22	-24.26
MRBLD1CB120_COS			-525.28	-284.27	431.28	122.33	-105.12	-10.89	-93.27	-54.39	-40.32	11.29	49.71	18.52	4.95	8.44	2.86	4.02
MRBLD1CB120_SIN			0.00	255.71	-184.46	-6.51	424.90	-25.65	133.55	91.65	0.46	-7.89	22.28	9.57	7.13	0.01	-3.40	-11.77
MRBLD1CB164_COS			-1969.44	-90.86	157.82	23.21	-78.71	-1.56	-37.41	48.66	-35.31	10.34	30.67	17.73	5.28	5.16	15.56	-4.12
MRBLD1CB164_SIN			0.00	63.15	-62.22	12.59	178.13	13.02	64.52	-18.40	3.79	-25.66	44.02	12.67	10.35	6.58	-5.70	21.41
MRBLD1FB42P75_COS			3124.70	94.34	-502.06	503.76	-93.64	-145.12	-41.67	-329.64	-121.66	-3.82	77.58	9.07	26.37	19.99	5.79	-80.98
MRBLD1FB42P75_SIN			0.00	-26.98	-27.38	83.45	415.82	-43.63	-50.21	418.74	-162.21	-110.52	21.41	-8.56	-5.61	9.98	82.28	-35.79
MRBLD1FB70_COS			441.90	-0.98	-235.05	145.69	-48.57	-38.52	-0.55	-46.97	-6.10	3.99	-1.10	-1.44	-2.34	-3.30	0.51	19.48
MRBLD1FB70_SIN			0.00	-214.86	9.32	21.06	121.37	-29.29	-12.43	86.54	-14.81	1.61	4.88	3.92	2.80	-0.73	-17.61	8.14
MRBLD1FB87_COS			-66.55	23.62	-185.96	45.22	-50.27	-30.66	-8.45	33.43	17.46	5.31	-9.19	1.72	-2.75	-3.37	-4.75	11.89
MRBLD1FB87_SIN			0.00	-225.05	37.90	57.74	57.31	-5.18	-5.62	-37.01	19.74	13.63	-5.13	3.48	3.75	1.41	-16.25	6.13
MRBLD1FB120_COS			-493.63	23.46	-259.92	-1.50	-14.76	10.51	-0.50	65.81	10.88	-10.74	-8.57	-4.38	2.19	3.66	4.99	-17.95
MRBLD1FB120_SIN			0.00	-322.09	96.40	139.73	10.91	34.84	4.87	-122.50	18.86	-1.49	-4.86	-7.52	-8.21	-3.17	23.75	-11.50
MRBLD1FB164_COS			-67.06	42.68	-445.78	45.79	117.13	82.81	19.53	-111.10	-15.05	15.70	5.33	5.36	-1.59	-1.62	-0.06	8.65
MRBLD1FB164_SIN			0.00	-105.30	92.46	220.06	-80.68	-21.48	-6.44	161.72	-35.55	-0.64	7.95	5.36	0.81	4.95	-8.79	1.20

RUN	POINT		Harmonics															
	48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-127.78	-9.34	-285.93	29.16	97.98	35.92	-11.31	-88.81	22.19	23.74	-24.64	1.28	7.18	13.45	6.46	-22.94
MRBLD1FB180_SIN			0.00	25.21	52.66	105.89	-22.15	-9.98	-29.10	146.28	-16.88	-3.09	-20.00	9.86	4.15	-7.68	23.24	-9.86
MRBLD1TOR51_COS			-1288.42	46.11	-143.95	82.31	-10.13	-17.41	-10.90	-38.57	20.82	7.86	-3.31	-1.03	2.33	3.48	-4.07	0.96
MRBLD1TOR51_SIN			0.00	279.29	-18.08	1.44	24.67	-7.93	-28.14	92.45	4.09	1.70	-8.45	-1.45	0.93	1.45	5.68	-7.80
MRBLD1TOR71_COS			-158.26	60.54	-142.08	59.13	4.25	-5.73	-4.20	-15.27	17.21	4.24	-3.03	-0.68	1.68	4.88	-1.87	-0.14
MRBLD1TOR71_SIN			0.00	255.81	-20.54	-12.52	-1.15	-2.02	-20.08	77.21	14.60	4.67	-7.23	0.51	0.01	0.63	3.18	-4.37
MRBLD1TOR130_COS			70.26	53.13	-119.13	33.22	19.85	-2.63	0.21	-19.97	10.93	7.24	1.28	-0.91	0.88	1.14	-1.89	-3.77
MRBLD1TOR130_SIN			0.00	283.51	-18.41	-16.89	-13.11	4.27	-10.03	66.36	3.59	2.25	7.84	5.03	2.53	0.84	-1.96	3.74
MRBLD1TOR164_COS			-151.50	26.58	-16.55	9.78	-8.88	-18.63	-3.78	0.48	6.63	4.66	1.18	0.90	2.52	3.99	-1.93	-3.93
MRBLD1TOR164_SIN			0.00	228.64	-19.06	-40.21	5.66	-6.16	-3.88	34.23	7.66	-0.30	0.51	5.74	2.69	0.11	-0.58	-3.39
MRFBM1CB26P5_COS			-4541.83	-404.98	-67.45	100.22	7.55	-9.47	13.48	-21.85	1.47	2.45	-2.77	0.67	1.15	-0.49	-3.75	-1.18
MRFBM1CB26P5_SIN			0.00	16.09	-2.66	-27.02	-26.59	-12.80	-26.99	2.43	-18.01	-3.67	10.81	-0.28	0.85	2.35	3.08	-5.06
MRFBM1FB9_COS			519.77	-285.29	225.59	-101.00	39.91	13.45	5.57	29.14	-2.97	-2.76	-1.06	-0.02	-0.28	0.51	2.51	-1.26
MRFBM1FB9_SIN			0.00	-65.48	45.57	-74.15	-51.86	11.50	11.53	-5.36	8.01	1.19	-1.23	-0.05	-0.91	-0.49	-0.32	2.45
MRFBM1TOR26P5_COS			-351.70	78.71	-1.43	0.24	-0.36	0.08	-0.40	-0.10	0.23	-0.11	-0.04	-0.01	0.00	-0.01	0.14	0.11
MRFBM1TOR26P5_SIN			0.00	-95.68	0.05	-0.32	-0.18	-0.39	-0.48	0.46	0.31	0.15	-0.25	-0.07	-0.02	0.02	0.05	0.04

RUN	POINT		Harmonics															
	48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1150.83	-979.87	-140.58	297.45	-78.90	-75.53	7.75	-179.69	21.88	19.83	-13.84	-10.71	3.25	-2.95	-32.97	-9.76
MRPC1CB33P25_SIN			0.00	137.55	-25.66	-18.93	153.86	-50.52	-48.37	107.88	-90.30	-8.65	11.78	-3.47	1.14	8.13	24.66	-30.73
MRPC1FB33P25_COS			2354.01	42.50	-416.16	397.33	-178.72	-108.55	-15.78	-424.12	-18.53	53.84	44.27	11.89	22.78	6.21	-70.63	-16.44
MRPC1FB33P25_SIN			0.00	112.17	-103.50	163.33	330.89	-74.32	-53.79	195.08	-180.57	-84.41	57.79	-1.31	14.26	21.68	56.82	-93.71
MRPC1TOR25P5_COS			-880.89	-35.89	114.74	-78.23	-4.63	6.72	9.88	20.45	-22.32	-4.11	3.37	0.31	-1.95	-1.17	-8.04	-8.39
MRPC1TOR25P5_SIN			0.00	-256.89	-41.08	24.93	-9.76	5.27	30.95	-95.82	-14.07	-5.10	12.71	2.29	-3.46	-0.43	-3.62	-2.55
MRPLK1LOAD_COS			-95.87	4.80	17.22	-9.73	-0.42	1.69	1.69	4.40	-2.80	-0.35	0.82	-0.25	-0.37	-0.04	-1.43	-1.70
MRPLK1LOAD_SIN			0.00	-59.03	-0.30	1.68	-2.25	1.76	4.15	-12.95	-1.51	-0.82	2.22	0.68	-0.58	-0.15	-1.26	-0.19
PITCHRH_COS			14834.18	-9064.16	-878.88	9.22	-92.49	291.01	-189.70	-75.46	163.91	-37.76	116.36	6.06	9.88	-3.02	-9.86	-327.83
PITCHRH_SIN			0.00	2719.56	-726.65	87.33	-80.04	1251.50	-59.95	142.19	71.78	-70.62	-411.39	118.35	4.75	122.74	-17.43	215.07
ROLLRH_COS			2874.30	-2237.57	869.96	-148.41	-128.98	-2667.43	-147.37	-62.45	119.16	113.15	129.69	-119.42	8.31	33.62	25.67	-674.36
ROLLRH_SIN			0.00	-8849.42	-966.25	25.59	66.16	476.68	-145.98	-111.61	33.72	-16.45	44.14	-36.71	6.46	-13.93	-18.72	-257.42
TORQ_COS			31254.04	459.91	-1.62	8.46	-60.40	74.77	-0.43	12.49	-23.72	1.86	24.52	-0.46	3.93	-2.25	-6.18	10.88
TORQ_SIN			0.00	684.25	-18.24	23.09	-126.43	24.02	10.87	19.00	26.89	-8.17	-45.11	4.52	-6.21	3.64	-8.38	-16.90
THRUST_COS			6209.25	-47.39	-3.71	15.34	15.95	38.28	6.06	16.14	-2.75	-2.26	-13.09	-0.37	2.14	-0.49	3.79	11.35
THRUST_SIN			0.00	-100.23	3.06	10.52	34.93	25.92	4.93	16.33	-4.83	0.36	-3.50	-6.62	-0.02	-0.74	-2.11	40.59

RUN	POINT		Harmonics															
	48	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-174.14	15.36	-14.96	-5.19	-9.86	118.51	10.23	-2.75	-3.44	-5.38	-4.93	5.88	0.17	-1.22	-0.99	20.35
SIDERH_SIN			0.00	216.38	20.66	1.28	-37.64	-183.11	10.98	1.93	-1.34	1.04	-2.04	2.02	-0.15	0.36	0.14	7.42
DRAGRH_COS			-84.57	241.03	18.96	-3.04	-1.14	116.31	-4.03	0.33	-4.07	0.12	-5.03	-0.10	-3.45	-0.10	0.36	14.15
DRAGRH_SIN			0.00	-73.07	5.00	-1.94	12.25	193.77	-5.39	3.87	1.16	4.59	15.30	-9.64	-0.76	-4.77	-0.21	-11.66

RUN	POINT		Harmonics															
	48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.74	-0.28	-0.25	-3.54	-2.87	-0.84	-0.10	0.59	0.21	0.05	0.04	0.22	0.27	0.11	0.17	-0.01
ACT1FORCE_SIN			0.00	12.39	1.65	1.14	0.59	-0.93	-0.34	-0.42	0.17	0.05	-0.14	0.02	0.00	-0.05	0.05	0.14
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			399.25	-8.58	-2.80	29.63	25.93	10.92	-0.04	-0.04	-0.01	-0.02	0.01	-0.01	-0.01	0.00	0.00	0.01
FA1IBVOLTAGE_SIN			0.00	-93.60	-13.78	-9.27	-3.98	6.93	-0.01	0.00	-0.02	-0.02	-0.01	0.01	0.02	0.01	-0.01	-0.02
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			406.45	8.63	2.84	-29.65	-25.99	-10.99	0.01	0.03	0.02	0.01	0.00	0.01	0.00	0.00	0.00	-0.01
FA1OBVOLTAGE_SIN			0.00	93.78	13.84	9.32	4.03	-6.94	0.00	-0.01	0.00	0.01	0.00	-0.01	-0.01	-0.01	0.01	0.02
MRBLD1CB42P75_COS			-3479.64	-1269.52	10.99	236.93	-22.52	-59.78	-42.24	-131.63	32.00	34.94	-20.67	9.52	-7.17	-6.95	-29.18	-1.67
MRBLD1CB42P75_SIN			0.00	-9.29	-26.35	63.50	170.37	-9.06	13.14	22.08	-58.77	-3.99	-85.96	55.26	15.19	7.85	23.91	-21.50

RUN	POINT		Harmonics															
	48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2780.60	-787.19	283.20	134.91	16.20	-23.12	-56.91	-92.32	22.07	34.02	-30.42	10.08	-3.48	-4.64	-20.99	-3.94
MRBLD1CB70_SIN			0.00	24.63	-56.02	101.05	305.01	19.15	67.20	43.31	-32.73	-0.87	-67.34	29.23	7.62	3.93	14.59	-23.76
MRBLD1CB120_COS			-562.16	-334.01	416.68	128.69	33.51	28.79	-43.79	-34.55	-32.94	-5.71	38.20	0.65	6.51	5.82	-0.92	1.48
MRBLD1CB120_SIN			0.00	121.67	-145.52	23.46	286.42	33.87	89.41	36.07	6.97	-8.55	53.04	-19.08	0.50	0.20	-3.79	-8.17
MRBLD1CB164_COS			-1957.04	-110.60	135.44	26.73	-25.31	16.88	-0.37	30.59	-33.61	-15.45	40.48	-0.38	7.40	6.20	12.50	-1.97
MRBLD1CB164_SIN			0.00	84.31	-53.44	20.90	118.95	22.19	30.26	-0.05	6.29	-19.32	59.53	-9.46	5.04	0.18	-6.73	18.03
MRBLD1FB42P75_COS			3029.16	163.03	-415.05	505.46	-100.53	-79.83	-94.18	-284.97	-110.77	-37.35	65.64	56.04	27.08	15.51	1.44	-59.14
MRBLD1FB42P75_SIN			0.00	-6.07	-8.07	125.58	151.12	75.64	17.85	113.12	-82.82	-76.90	-87.77	36.73	11.69	10.61	73.64	-32.90
MRBLD1FB70_COS			421.96	-1.03	-200.73	144.99	-42.36	-18.54	-10.57	-40.01	-3.47	2.92	-1.32	-0.50	-1.70	-2.90	0.99	14.24
MRBLD1FB70_SIN			0.00	-205.61	22.43	35.10	37.47	6.32	7.51	29.58	-5.46	2.48	3.13	2.46	2.08	-0.92	-16.69	6.38
MRBLD1FB87_COS			-67.30	28.05	-165.23	44.74	-46.98	-22.87	-3.23	28.44	17.92	10.68	-5.65	-11.27	-3.67	-2.74	-3.14	8.08
MRBLD1FB87_SIN			0.00	-205.20	47.40	58.42	21.45	1.33	-3.13	-11.43	7.75	9.72	20.45	-8.19	-1.50	0.04	-13.82	7.01
MRBLD1FB120_COS			-476.47	29.07	-247.23	8.32	-20.87	-0.43	12.17	56.86	4.73	-10.11	-7.32	2.08	3.45	3.56	1.78	-13.51
MRBLD1FB120_SIN			0.00	-252.85	92.82	130.18	32.14	-0.50	-19.36	-43.70	9.80	-1.63	-9.88	1.40	-4.94	-2.74	20.27	-11.42
MRBLD1FB164_COS			-160.65	61.79	-349.09	62.40	130.42	65.87	6.42	-85.40	-11.45	10.24	4.61	-3.93	-2.73	-1.26	0.72	5.00
MRBLD1FB164_SIN			0.00	-314.35	101.11	158.99	4.42	-22.44	17.45	48.67	-20.02	-0.10	17.52	-4.98	-1.20	1.78	-8.35	6.06

RUN	POINT		Harmonics															
	48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-212.66	7.82	-195.59	27.57	103.50	48.09	-19.59	-82.50	10.77	14.51	-21.01	-19.29	8.64	8.83	-2.46	-19.12
MRBLD1FB180_SIN			0.00	-216.37	63.37	73.73	-2.33	-16.50	16.60	53.46	-21.72	-9.06	37.59	-8.05	-4.07	-7.88	21.62	-12.48
MRBLD1TOR51_COS			-1403.28	72.68	-24.02	75.02	-11.31	-20.37	-1.99	-29.75	8.38	4.60	-8.57	-1.93	3.34	2.38	-3.37	1.76
MRBLD1TOR51_SIN			0.00	-79.87	9.04	27.93	14.13	3.80	0.60	44.82	-2.48	-6.33	-2.48	-5.58	-0.02	0.35	2.73	-8.27
MRBLD1TOR71_COS			-262.39	86.81	-31.71	53.07	-2.15	-10.78	4.98	-14.14	7.52	1.90	-9.09	-2.51	2.90	3.50	-2.39	0.30
MRBLD1TOR71_SIN			0.00	-80.52	4.19	9.71	-0.22	3.54	3.73	44.39	5.76	-1.66	1.93	-5.63	-1.02	-0.34	0.95	-4.44
MRBLD1TOR130_COS			-35.11	76.74	-9.66	29.73	11.92	-6.22	4.47	-14.97	4.49	2.14	3.57	-1.08	0.15	-0.27	-3.18	-3.65
MRBLD1TOR130_SIN			0.00	-65.51	0.93	-0.27	-1.65	6.90	6.74	34.10	2.02	-0.07	4.58	9.50	3.46	0.57	-1.36	3.96
MRBLD1TOR164_COS			-220.14	41.09	48.15	4.03	-6.33	-14.04	-3.24	-1.07	5.49	2.95	0.05	-0.17	1.78	2.26	-4.06	-3.66
MRBLD1TOR164_SIN			0.00	-23.88	-6.62	-25.53	-5.04	5.01	7.14	20.59	3.38	-1.24	4.57	5.76	3.10	0.37	0.18	-1.52
MRFBM1CB26P5_COS			-4540.49	-503.75	-36.40	83.72	-0.27	-11.50	2.43	-13.57	-0.04	-0.16	6.60	0.22	-0.09	0.00	-3.95	-0.17
MRFBM1CB26P5_SIN			0.00	-53.52	6.46	-20.46	-22.22	-10.41	-15.64	-5.60	-10.62	-2.82	-1.03	3.64	1.58	0.89	2.69	-2.89
MRFBM1FB9_COS			378.50	-139.66	164.80	-99.14	22.48	12.94	7.98	15.66	-0.93	-2.10	-3.39	0.54	0.32	0.59	2.03	-1.23
MRFBM1FB9_SIN			0.00	-29.20	25.61	-85.59	-21.58	-2.14	5.14	5.26	5.92	1.75	1.09	-2.52	-1.29	-0.46	-0.34	1.80
MRFBM1TOR26P5_COS			-352.75	80.33	-0.85	0.39	-0.33	0.03	0.00	-0.15	0.19	-0.02	-0.16	0.04	0.01	0.00	0.18	0.13
MRFBM1TOR26P5_SIN			0.00	-98.90	0.01	-0.09	0.02	-0.27	0.21	0.19	0.18	0.06	-0.07	-0.21	-0.02	0.07	-0.01	-0.02

RUN	POINT		Harmonics															
	48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1190.78	-1172.12	-64.86	263.10	-31.64	-55.65	-30.13	-118.57	10.78	19.78	7.03	8.16	-1.89	-3.55	-27.48	-1.31
MRPC1CB33P25_SIN			0.00	-1.71	-3.86	11.68	82.87	-10.41	-8.25	4.86	-59.83	-16.43	-50.69	43.01	13.34	8.71	22.07	-24.00
MRPC1FB33P25_COS			2280.23	100.19	-358.43	394.79	-121.30	-87.77	-82.20	-269.43	-44.97	13.84	96.58	17.61	9.82	0.54	-67.25	-6.55
MRPC1FB33P25_SIN			0.00	149.64	-80.57	199.08	110.43	40.18	-20.16	-27.72	-116.18	-76.22	-29.40	62.51	27.89	20.64	47.36	-72.02
MRPC1TOR25P5_COS			-761.38	-58.75	-18.25	-71.22	5.15	10.25	-4.98	18.02	-11.22	-1.24	12.58	3.32	-5.22	-2.11	-10.81	-9.01
MRPC1TOR25P5_SIN			0.00	127.19	-64.50	-4.55	-8.12	-0.20	-1.10	-52.98	-5.10	3.93	-1.46	15.10	0.90	0.77	-0.32	1.06
MRPLK1LOAD_COS			-80.37	1.03	0.66	-8.99	1.01	1.97	-0.39	3.99	-1.25	-0.33	2.19	-0.22	-0.64	-0.30	-2.07	-1.75
MRPLK1LOAD_SIN			0.00	-10.49	-3.38	-2.09	-1.22	0.42	-0.35	-6.56	-0.31	0.31	0.39	2.33	-0.03	-0.12	-0.80	0.56
PITCHRH_COS			10986.00	-9017.43	-487.29	-53.70	-50.93	-369.25	-110.83	-42.91	87.97	-53.84	55.60	-42.92	20.16	-12.69	-6.11	-304.12
PITCHRH_SIN			0.00	2748.83	-660.82	111.84	-48.61	473.55	81.15	105.82	32.58	-62.18	-170.83	62.14	-3.20	51.32	2.38	252.03
ROLLRH_COS			2164.92	-2243.98	685.35	-72.26	-109.95	-964.30	-224.82	-12.74	122.92	73.20	306.15	-89.87	-10.11	28.39	-6.03	-614.93
ROLLRH_SIN			0.00	-8861.56	-596.71	-39.01	104.16	368.08	-164.47	-30.35	-40.20	-49.88	-8.02	-18.27	26.42	-11.83	-35.38	-259.21
TORQ_COS			30817.15	456.84	-1.11	-2.14	-92.37	65.59	-2.36	13.88	-18.26	-1.46	-1.99	1.83	2.11	-1.53	-3.40	-1.16
TORQ_SIN			0.00	622.53	-17.64	16.85	-94.55	56.45	4.93	22.98	16.72	-5.15	-0.41	2.65	-4.67	5.32	-9.12	-14.29
THRUST_COS			5806.16	-58.26	8.17	10.42	16.43	33.61	4.23	13.32	-1.01	-4.24	-31.39	0.35	1.79	-0.19	0.56	17.65
THRUST_SIN			0.00	-83.51	6.27	8.96	32.07	-33.06	5.16	9.27	-3.10	2.66	22.67	-6.30	0.07	-1.05	-3.55	38.94

RUN	POINT		Harmonics															
	48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-169.33	9.83	-14.92	-1.06	-26.15	44.86	11.78	-1.61	-1.84	-3.16	-12.97	4.75	0.35	-0.93	-0.35	18.08
SIDERH_SIN			0.00	227.34	13.18	3.05	-52.47	-92.09	10.01	-0.13	0.58	3.19	0.62	1.33	-0.63	0.47	0.67	7.61
DRAGRH_COS			-135.02	242.39	14.82	-1.42	-10.42	59.88	-16.09	-2.33	-1.69	1.50	3.77	2.34	-0.57	0.13	-0.53	13.84
DRAGRH_SIN			0.00	-71.14	15.61	-0.79	10.77	51.35	-19.76	0.09	2.16	2.40	8.32	-7.05	0.77	-1.81	-1.09	-11.34

RUN	POINT		Harmonics															
	48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.99	0.00	0.00	0.00	0.00	-0.01	0.02	0.00	-0.01	0.01	0.00	0.01	0.00	0.00	-0.01
FLAP1C_SIN			0.00	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.64	1.82	-0.07	-5.26	-3.30	-0.78	-0.11	0.88	-0.15	-0.11	0.37	0.30	0.29	0.24	0.16	-0.03
ACT1FORCE_SIN			0.00	19.22	2.93	1.29	0.61	-0.94	-0.42	-0.27	0.64	0.17	-0.15	0.10	-0.03	-0.09	0.02	0.11
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			369.95	185.35	-6.17	41.45	25.31	10.36	0.02	0.02	-0.05	-0.01	0.02	-0.02	-0.02	0.01	-0.03	0.00
FA1IBVOLTAGE_SIN			0.00	-180.21	-19.40	-10.45	-4.82	3.30	-0.10	0.02	-0.04	-0.04	0.04	-0.01	0.02	0.03	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			435.82	-185.65	6.07	-41.51	-25.41	-10.46	-0.03	-0.03	0.05	0.02	-0.01	0.02	0.02	-0.01	0.02	-0.01
FA1OBVOLTAGE_SIN			0.00	180.66	19.33	10.52	4.78	-3.36	0.05	-0.03	0.03	0.03	-0.04	0.01	-0.02	-0.03	0.00	0.02
MRBLD1CB42P75_COS			-3504.70	-1708.64	34.76	213.75	-20.79	-52.61	-31.74	-125.90	29.71	21.40	21.22	-1.02	-6.45	-8.30	-22.13	-9.13
MRBLD1CB42P75_SIN			0.00	-148.00	-89.04	80.08	142.22	10.35	16.55	38.81	-48.16	-1.63	-75.13	46.53	15.34	12.01	24.99	-14.02

RUN	POINT		Harmonics															
	48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2771.26	-1084.58	297.16	109.07	10.33	-32.69	-41.06	-80.09	18.82	24.12	12.40	2.44	-0.16	-2.70	-12.46	-9.08
MRBLD1CB70_SIN			0.00	-74.13	-84.75	102.30	275.56	50.90	49.09	50.28	-25.02	2.21	-56.11	25.08	7.62	4.72	17.55	-12.95
MRBLD1CB120_COS			-550.23	-488.50	421.03	110.41	17.97	14.56	-22.80	-18.29	-32.36	-3.65	9.86	8.35	7.12	6.75	-0.12	0.01
MRBLD1CB120_SIN			0.00	65.62	-156.92	19.12	247.88	65.82	60.29	42.75	10.73	-7.36	47.50	-15.20	-0.31	-2.66	-3.81	-6.94
MRBLD1CB164_COS			-1954.16	-132.28	135.46	14.73	-29.68	8.73	4.61	35.13	-30.87	-10.70	2.95	5.33	4.50	4.51	8.34	3.07
MRBLD1CB164_SIN			0.00	70.84	-51.29	18.98	100.18	32.52	13.69	-1.10	6.10	-19.38	46.70	-6.83	5.32	0.62	-9.58	10.42
MRBLD1FB42P75_COS			3044.21	277.65	-408.42	471.32	-126.94	-23.60	-56.18	-245.15	-92.89	-38.71	50.87	52.72	32.33	23.89	11.76	-53.29
MRBLD1FB42P75_SIN			0.00	2.51	-56.20	168.75	57.92	65.85	28.08	156.52	-69.44	-70.43	-74.40	23.99	10.98	14.79	59.17	-11.08
MRBLD1FB70_COS			423.78	4.91	-194.26	130.43	-51.28	-3.89	-2.02	-33.53	-1.79	1.43	-1.01	-0.85	-3.02	-4.57	-1.00	12.57
MRBLD1FB70_SIN			0.00	-211.87	1.40	49.15	8.23	5.70	8.62	36.00	-3.14	4.13	2.38	3.11	2.79	-1.75	-13.79	2.60
MRBLD1FB87_COS			-67.81	38.95	-159.26	33.57	-52.03	-21.94	-5.97	22.72	14.59	10.48	-5.67	-9.98	-4.62	-5.24	-6.42	7.23
MRBLD1FB87_SIN			0.00	-206.42	36.53	66.07	10.00	2.12	-4.36	-16.12	5.20	8.63	18.39	-6.12	-1.12	-0.57	-11.16	1.11
MRBLD1FB120_COS			-482.81	61.54	-237.76	-6.36	-19.09	-8.49	4.85	47.34	1.79	-6.86	-3.98	1.99	5.21	7.56	6.46	-12.09
MRBLD1FB120_SIN			0.00	-247.73	90.32	134.21	35.94	-3.41	-18.76	-51.84	4.71	-4.31	-10.44	-0.76	-4.60	-2.14	15.71	-2.75
MRBLD1FB164_COS			-153.77	-13.16	-330.51	59.18	139.02	52.43	20.75	-68.33	-6.07	8.11	0.97	-4.12	-1.88	-0.95	-1.15	5.97
MRBLD1FB164_SIN			0.00	-300.01	49.16	164.97	40.23	-22.05	20.21	65.56	-12.78	4.42	17.25	-3.10	-0.52	-0.49	-8.54	-0.43

RUN	POINT		Harmonics															
	48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-202.30	-75.15	-187.29	33.89	114.22	42.02	-4.94	-63.79	15.04	13.77	-19.79	-13.91	11.61	13.84	3.53	-19.26
MRBLD1FB180_SIN			0.00	-201.25	21.86	71.59	18.08	-15.40	16.16	65.36	-19.14	-7.44	33.34	-6.24	-2.99	-5.97	16.98	-0.97
MRBLD1TOR51_COS			-1403.05	-40.38	-10.03	81.40	-14.21	-17.28	-1.98	-20.80	9.38	1.99	-5.14	-0.06	3.41	3.00	-0.79	-1.64
MRBLD1TOR51_SIN			0.00	-92.41	-37.65	38.76	11.38	0.39	1.36	49.66	3.96	-4.33	-3.31	-3.30	1.58	0.44	2.47	-7.38
MRBLD1TOR71_COS			-262.68	-14.75	-19.01	60.41	-4.81	-9.39	3.66	-6.63	7.98	0.13	-6.98	-1.03	3.10	4.22	-0.83	-1.73
MRBLD1TOR71_SIN			0.00	-91.25	-37.63	18.68	0.91	-0.77	4.21	47.09	10.94	-0.13	1.07	-3.52	0.09	-0.21	1.33	-3.72
MRBLD1TOR130_COS			-35.94	-31.40	1.82	38.76	10.06	-7.31	4.05	-8.81	5.01	1.39	3.47	-1.21	-0.22	-0.27	-3.35	-1.41
MRBLD1TOR130_SIN			0.00	-75.72	-39.50	5.66	5.55	2.43	5.91	38.29	6.27	0.21	3.94	8.38	3.04	0.71	-0.53	4.70
MRBLD1TOR164_COS			-222.86	-38.21	51.47	13.19	-7.55	-12.64	-4.36	0.94	6.09	4.33	0.22	0.33	2.44	2.88	-3.51	-2.56
MRBLD1TOR164_SIN			0.00	-32.85	-28.98	-24.14	-5.47	4.36	5.99	19.22	3.00	-0.26	4.54	4.30	2.29	1.35	0.96	0.37
MRFBM1CB26P5_COS			-4560.88	-708.23	-27.91	85.02	1.37	-7.53	1.72	-15.19	0.93	-0.38	3.54	0.41	0.11	-0.05	-3.60	-0.85
MRFBM1CB26P5_SIN			0.00	-132.66	-20.29	-11.23	-21.86	-12.45	-10.38	-2.30	-9.40	-3.15	-1.71	2.86	1.58	2.28	2.25	-3.01
MRFBM1FB9_COS			404.29	-3.26	149.76	-86.66	21.64	9.13	5.51	15.82	-0.68	-1.64	-3.83	0.35	0.25	0.60	1.63	-0.51
MRFBM1FB9_SIN			0.00	-55.05	62.24	-93.44	-9.08	-4.70	3.06	2.20	5.13	1.84	0.72	-2.13	-1.34	-0.65	-0.64	1.63
MRFBM1TOR26P5_COS			-352.48	80.69	-0.66	0.38	-0.38	0.00	-0.02	-0.07	0.17	-0.07	-0.05	0.06	0.00	-0.02	0.20	0.06
MRFBM1TOR26P5_SIN			0.00	-98.39	-0.03	0.03	0.11	-0.24	0.17	0.21	0.22	0.03	-0.09	-0.15	0.01	0.03	-0.02	-0.04

RUN	POINT		Harmonics															
	48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1213.00	-1553.99	-47.18	247.46	-28.79	-40.05	-20.44	-113.18	11.19	11.75	23.26	3.99	-0.74	-3.45	-20.13	-9.07
MRPC1CB33P25_SIN			0.00	-102.99	-70.75	33.63	56.80	-0.77	1.92	24.45	-50.66	-13.71	-46.02	35.75	13.90	12.54	22.35	-16.88
MRPC1FB33P25_COS			2294.59	208.11	-348.83	358.10	-122.77	-40.46	-55.17	-255.54	-37.75	9.52	79.86	22.26	15.86	3.17	-48.35	-22.75
MRPC1FB33P25_SIN			0.00	162.55	-111.30	227.33	26.45	49.77	0.01	22.25	-97.89	-72.38	-27.34	50.63	29.71	30.25	47.97	-53.96
MRPC1TOR25P5_COS			-761.48	72.90	-36.70	-80.14	8.10	7.37	-3.96	8.26	-11.15	1.00	10.10	-0.42	-4.09	-2.70	-12.12	-5.21
MRPC1TOR25P5_SIN			0.00	142.02	-6.34	-14.94	-7.15	6.13	-1.37	-55.98	-10.98	1.93	1.57	11.40	-0.93	2.57	1.46	4.31
MRPLK1LOAD_COS			-80.50	15.62	-0.89	-10.01	1.66	1.65	-0.30	2.62	-1.24	0.26	1.46	-0.65	-0.49	-0.33	-2.31	-0.93
MRPLK1LOAD_SIN			0.00	-9.38	2.94	-3.55	-1.02	0.97	-0.29	-7.19	-1.25	0.19	0.79	1.62	-0.29	0.15	-0.36	1.14
PITCHRH_COS			8521.67	-9051.10	-419.85	-38.04	-46.78	-447.00	-1.46	8.31	80.94	-43.74	57.23	-53.40	22.41	-3.92	-17.49	-299.67
PITCHRH_SIN			0.00	2769.75	-802.81	96.67	-53.92	245.72	161.85	146.72	0.20	-68.42	-217.74	11.86	26.28	76.74	30.48	204.95
ROLLRH_COS			3055.63	-2277.22	819.90	-67.55	-105.15	-503.91	-150.88	-8.04	155.92	107.85	249.63	-40.49	-38.38	75.95	-11.86	-519.22
ROLLRH_SIN			0.00	-8845.95	-532.80	-31.08	91.53	129.95	-109.55	-25.39	-67.14	-37.42	-76.94	-42.25	32.46	-32.33	-7.43	-154.62
TORQ_COS			30545.18	434.13	-9.68	6.85	-94.16	73.85	-2.68	20.54	-20.90	-1.46	7.57	0.08	3.48	-1.73	-3.64	9.54
TORQ_SIN			0.00	602.36	-25.69	18.61	-106.89	49.38	2.04	13.91	10.84	-6.50	0.99	0.36	-6.89	3.74	-9.01	-13.64
THRUST_COS			5877.87	-61.14	11.45	12.26	14.56	19.42	3.74	14.30	-1.41	-4.51	-20.83	0.76	2.00	-2.06	0.10	17.38
THRUST_SIN			0.00	-74.89	2.93	8.64	36.60	-38.09	2.77	2.41	-2.14	2.58	26.48	-2.20	-0.71	-0.71	-3.55	28.59

RUN	POINT		Harmonics															
	48	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-165.95	19.09	-16.77	-0.93	-22.40	32.68	11.56	-2.41	-2.89	-5.67	-10.65	2.28	1.31	-2.53	-0.19	15.32
SIDERH_SIN			0.00	218.26	14.41	2.18	-60.19	-55.29	7.79	0.11	1.70	2.91	2.65	2.40	-0.88	1.13	0.02	4.62
DRAGRH_COS			-150.42	241.32	16.41	-1.25	-13.77	46.94	-16.94	-1.24	-0.49	0.60	2.09	3.62	-1.84	-0.22	-0.30	14.00
DRAGRH_SIN			0.00	-71.82	16.52	-0.54	10.11	31.72	-28.33	5.28	0.28	1.98	10.75	-3.67	-0.49	-3.29	-2.34	-10.49

RUN	POINT		Harmonics															
	48	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	1.99	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.56	4.74	0.09	-5.82	-2.94	-0.86	0.07	0.96	-0.11	0.04	0.38	0.26	0.16	0.25	0.25	-0.05
ACT1FORCE_SIN			0.00	20.27	3.87	1.99	0.25	-0.42	-0.22	-0.45	0.62	0.00	-0.19	0.19	-0.06	-0.05	0.06	0.19
FA1IBCURRENT_COS			-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.05	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			362.24	315.32	-9.57	41.98	21.33	10.82	-0.03	0.02	-0.08	-0.01	0.01	-0.05	0.00	-0.01	-0.03	-0.01
FA1IBVOLTAGE_SIN			0.00	-221.28	-26.07	-13.29	-2.39	-0.84	-0.10	0.01	-0.03	-0.02	0.05	-0.03	0.01	0.03	0.01	-0.05
FA1OBCURRENT_COS			0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.04	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			443.62	-315.89	9.38	-42.07	-21.45	-10.89	-0.03	-0.03	0.07	0.02	-0.01	0.04	0.00	0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	222.14	25.57	13.50	2.23	0.77	0.01	-0.01	0.02	0.02	-0.04	0.03	0.00	-0.03	-0.01	0.05
MRBLD1CB42P75_COS			-3400.92	-1686.81	35.08	192.89	-36.80	-51.04	-33.88	-159.62	19.85	13.39	21.20	5.44	2.04	-1.85	-21.22	10.67
MRBLD1CB42P75_SIN			0.00	-92.94	-126.06	104.68	101.95	-3.22	16.74	8.96	-47.77	-4.21	-41.22	56.29	28.67	15.33	14.04	-13.02

RUN	POINT		Harmonics															
	48	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2820.91	-1089.90	292.39	79.92	-16.25	-24.37	-52.50	-106.69	14.30	16.16	17.91	4.30	2.24	0.91	-16.54	11.15
MRBLD1CB70_SIN			0.00	-47.36	-94.35	116.46	226.59	21.41	44.52	31.54	-25.75	-4.71	-30.56	33.05	13.21	6.76	6.87	-13.37
MRBLD1CB120_COS			-550.36	-534.58	413.70	80.43	-26.88	26.56	-36.69	-31.36	-20.39	-4.24	7.22	8.77	5.60	4.41	-1.87	0.70
MRBLD1CB120_SIN			0.00	71.24	-149.86	29.08	209.91	34.49	48.46	36.70	10.25	-2.18	30.34	-19.33	-6.70	-2.83	-3.47	-2.62
MRBLD1CB164_COS			-1961.30	-130.12	129.91	-1.75	-47.39	14.29	-3.08	38.39	-23.89	-11.28	-2.18	8.24	5.63	3.74	10.89	-10.58
MRBLD1CB164_SIN			0.00	72.34	-43.32	19.69	85.00	21.00	6.56	7.05	6.27	-7.33	29.27	-9.85	1.68	-2.96	-4.78	6.00
MRBLD1FB42P75_COS			2996.56	268.68	-411.60	435.13	-191.87	-23.23	-63.50	-335.58	-78.60	-21.75	38.86	65.72	50.44	30.61	-5.61	-20.77
MRBLD1FB42P75_SIN			0.00	-1.41	-89.19	229.89	62.59	58.88	26.59	147.20	-57.47	-40.52	-50.39	18.40	13.72	14.60	51.72	-36.19
MRBLD1FB70_COS			424.06	7.59	-190.83	116.56	-72.18	-3.36	-2.76	-49.60	-0.93	0.74	1.21	1.22	-3.30	-5.58	2.56	5.86
MRBLD1FB70_SIN			0.00	-205.95	-12.85	69.75	4.17	2.19	7.29	32.03	-3.71	2.76	0.61	2.96	3.13	-1.66	-12.25	8.49
MRBLD1FB87_COS			-62.68	43.24	-157.76	21.90	-61.11	-22.11	-3.90	32.10	12.79	6.85	-4.89	-12.47	-7.61	-7.28	-3.80	0.82
MRBLD1FB87_SIN			0.00	-200.29	28.88	78.27	7.50	3.05	-4.19	-14.13	4.85	5.42	13.15	-5.54	-1.40	1.41	-8.92	5.79
MRBLD1FB120_COS			-470.49	94.44	-233.42	-18.94	-12.29	-8.91	5.84	68.80	2.59	-3.72	-4.00	1.92	6.70	9.70	2.80	-2.11
MRBLD1FB120_SIN			0.00	-241.87	87.85	143.57	35.28	-4.55	-17.74	-46.57	3.14	-3.44	-6.85	0.10	-3.24	-3.26	12.81	-9.24
MRBLD1FB164_COS			-138.54	-84.48	-319.91	59.09	154.43	53.33	21.36	-96.47	-7.85	2.89	1.50	-3.20	-1.37	-1.09	1.17	1.01
MRBLD1FB164_SIN			0.00	-290.57	-1.86	183.43	53.44	-20.85	18.77	55.25	-13.31	5.67	12.92	-4.68	-2.56	0.13	-7.52	2.02

RUN	POINT		Harmonics															
	48	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-190.95	-149.51	-184.75	40.83	127.13	40.16	-5.78	-88.18	8.42	1.15	-19.72	-19.29	3.49	10.83	-4.21	-9.64
MRBLD1FB180_SIN			0.00	-191.85	-21.12	74.66	25.61	-19.13	8.31	52.82	-17.44	-6.68	24.13	-5.56	-8.49	-10.86	13.58	-8.23
MRBLD1TOR51_COS			-1407.01	-152.09	-0.39	81.63	-16.81	-16.65	-0.01	-41.48	7.28	-0.85	-3.65	-1.25	2.00	3.97	-0.17	3.73
MRBLD1TOR51_SIN			0.00	-99.12	-80.07	47.16	12.82	4.90	-4.75	40.96	3.80	-4.89	-4.22	-3.74	-1.00	-1.89	0.11	-5.81
MRBLD1TOR71_COS			-264.59	-120.23	-9.52	62.92	-4.58	-8.96	5.57	-22.14	6.37	-1.84	-5.28	-2.71	1.78	5.13	0.17	1.20
MRBLD1TOR71_SIN			0.00	-96.65	-76.30	24.23	3.49	4.19	-1.22	40.77	9.77	-1.59	-1.03	-4.81	-3.12	-1.86	0.20	-2.87
MRBLD1TOR130_COS			-36.62	-140.58	10.82	44.62	11.86	-7.03	5.72	-23.20	3.77	0.02	1.91	-0.43	0.29	-0.98	-3.09	-3.25
MRBLD1TOR130_SIN			0.00	-81.13	-77.68	8.46	9.43	6.04	2.77	32.88	4.67	1.47	4.50	8.40	4.30	1.52	-1.05	3.33
MRBLD1TOR164_COS			-223.14	-116.34	55.58	20.20	-8.67	-11.87	-2.83	-4.25	5.70	3.16	-0.50	0.33	2.71	1.59	-4.73	-3.68
MRBLD1TOR164_SIN			0.00	-37.75	-50.49	-25.64	-5.81	5.08	4.41	18.18	2.08	0.37	4.17	3.55	2.68	2.61	0.29	0.46
MRFBM1CB26P5_COS			-4495.44	-703.63	-29.27	87.03	4.53	-9.68	3.63	-18.13	-0.32	-0.64	0.95	0.73	1.03	-0.09	-2.95	-0.15
MRFBM1CB26P5_SIN			0.00	-108.74	-39.19	-3.97	-23.25	-9.57	-9.69	-5.78	-8.71	-1.23	-0.54	2.19	2.55	2.36	1.85	-1.75
MRFBM1FB9_COS			358.38	4.03	148.43	-72.57	29.96	8.49	5.26	18.89	-0.54	-0.92	-2.93	0.20	0.32	0.66	1.53	-1.29
MRFBM1FB9_SIN			0.00	-71.41	87.68	-104.55	-5.30	-3.42	3.96	6.52	4.36	1.34	0.11	-2.63	-2.14	-0.98	-0.03	0.36
MRFBM1TOR26P5_COS			-352.67	79.43	-0.57	0.36	-0.28	-0.01	0.09	-0.20	0.15	-0.07	0.02	0.05	-0.03	0.01	0.16	0.08
MRFBM1TOR26P5_SIN			0.00	-98.97	-0.21	0.01	0.16	-0.21	0.04	0.19	0.17	-0.04	-0.10	-0.09	-0.03	-0.03	-0.01	-0.04

RUN	POINT		Harmonics															
	48	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1130.54	-1522.31	-47.85	236.56	-41.08	-41.83	-20.42	-143.67	6.73	7.09	18.63	10.56	6.32	1.21	-20.15	9.15
MRPC1CB33P25_SIN			0.00	-46.18	-111.70	58.58	32.45	-4.47	2.52	0.69	-47.96	-8.57	-25.53	40.84	23.36	15.25	12.55	-13.93
MRPC1FB33P25_COS			2251.66	203.72	-348.44	316.51	-178.53	-38.65	-61.46	-323.61	-30.93	7.65	56.50	34.55	26.01	6.89	-53.44	19.58
MRPC1FB33P25_SIN			0.00	156.49	-136.73	270.58	14.83	41.96	-2.92	-22.80	-83.17	-40.09	-14.20	55.58	45.55	36.62	27.21	-39.28
MRPC1TOR25P5_COS			-759.50	189.82	-46.89	-84.28	8.14	7.29	-6.98	27.28	-8.80	4.12	5.96	0.40	-1.17	-4.38	-12.17	-6.45
MRPC1TOR25P5_SIN			0.00	147.75	38.84	-23.60	-11.39	-0.97	6.33	-49.48	-10.80	4.50	5.39	10.91	3.06	6.32	0.50	2.30
MRPLK1LOAD_COS			-79.54	30.59	-2.33	-10.26	1.97	1.63	-0.70	5.34	-0.78	0.59	0.71	-0.53	-0.12	-0.67	-2.05	-1.28
MRPLK1LOAD_SIN			0.00	-7.98	8.63	-4.69	-1.53	0.19	0.79	-6.31	-1.27	0.82	1.18	1.39	0.27	0.84	-0.49	0.82
PITCHRH_COS			8493.60	-9038.21	-423.10	-47.53	-81.54	-672.40	-28.50	12.56	17.34	-44.57	149.32	-54.12	34.00	-4.19	9.08	-277.14
PITCHRH_SIN			0.00	2751.23	-871.55	106.82	-11.84	306.27	205.38	145.49	10.36	-80.08	-107.75	-6.26	-3.09	45.20	43.23	213.71
ROLLRH_COS			3831.39	-2206.41	907.97	-70.73	-107.76	-556.05	-148.28	-12.71	102.34	106.46	194.05	-26.86	-17.48	21.09	-5.37	-426.04
ROLLRH_SIN			0.00	-8887.47	-471.47	-36.41	91.94	-118.54	-135.97	-22.20	-71.26	1.85	-93.86	-41.40	0.68	-48.60	-21.31	-266.25
TORQ_COS			31692.82	450.15	0.61	4.30	-108.01	90.50	-4.95	26.06	-6.40	-1.11	12.33	1.90	3.09	-2.60	-2.54	1.09
TORQ_SIN			0.00	566.85	-25.42	16.26	-62.83	46.82	4.58	24.40	12.39	-7.92	-5.37	6.32	-7.35	5.66	-7.73	-27.74
THRUST_COS			5732.85	-57.85	10.69	11.89	17.12	19.13	3.56	20.60	-2.03	-3.85	-23.93	2.56	-0.67	-1.47	2.30	-3.12
THRUST_SIN			0.00	-71.27	0.74	9.51	34.45	-34.62	3.28	4.95	-3.33	3.30	20.35	1.84	1.48	0.06	-4.66	19.61

RUN	POINT		Harmonics															
	48	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.27	9.46	-17.57	-0.20	-30.97	52.62	10.48	-2.04	-1.38	-5.76	-8.20	1.34	0.52	-0.92	-0.22	12.33
SIDERH_SIN			0.00	228.51	14.87	2.38	-59.37	-44.91	11.74	-0.72	0.99	0.80	2.97	1.93	0.22	1.67	0.54	7.56
DRAGRH_COS			-150.84	242.49	19.72	-1.75	-13.88	25.56	-15.06	-4.04	-0.81	1.67	-0.43	2.49	-1.25	-0.26	-1.09	13.38
DRAGRH_SIN			0.00	-70.45	15.91	-2.11	12.93	36.49	-30.92	4.39	-0.84	0.63	3.07	-1.82	1.02	-2.00	-3.09	-11.51

RUN	POINT		Harmonics															
	48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	2.98	-0.01	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.02	0.00	0.00	0.00	0.00	-0.01
FLAP1C_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	-0.01	-0.01	0.02	0.00	-0.01	0.02	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.74	6.34	-0.25	-6.57	-2.91	-0.80	0.15	0.94	0.07	0.05	0.38	0.23	0.09	0.20	0.20	-0.10
ACT1FORCE_SIN			0.00	20.70	4.79	2.62	-0.23	-0.13	-0.30	-0.70	0.61	-0.10	-0.17	0.18	-0.02	-0.05	0.10	0.06
FA1IBCURRENT_COS			0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.07	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			360.47	417.69	-10.47	45.64	19.96	10.94	-0.05	0.10	-0.15	0.02	0.02	-0.06	-0.01	-0.01	-0.05	0.00
FA1IBVOLTAGE_SIN			0.00	-263.20	-30.70	-13.13	-0.57	-3.76	-0.21	0.09	-0.05	0.00	0.07	-0.05	0.00	0.02	0.02	-0.04
FA1OBCURRENT_COS			0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.06	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			445.81	-419.05	10.52	-45.97	-20.07	-10.98	-0.10	-0.08	0.08	-0.01	-0.04	0.05	0.01	0.01	0.04	0.01
FA1OBVOLTAGE_SIN			0.00	264.36	29.22	13.59	-0.12	3.77	-0.06	-0.03	0.00	0.01	-0.06	0.04	0.00	-0.02	-0.02	0.04
MRBLD1CB42P75_COS			-3410.66	-1684.70	91.81	209.95	-38.13	-54.44	-34.66	-162.72	14.06	9.63	27.82	15.05	-0.04	-4.14	-19.49	5.52
MRBLD1CB42P75_SIN			0.00	65.78	-171.44	113.55	102.76	5.17	27.16	21.73	-43.07	-13.82	-42.40	66.35	31.64	19.01	17.17	-1.73

RUN	POINT		Harmonics															
	48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2828.96	-1108.09	329.81	88.48	-18.15	-19.28	-62.00	-110.51	9.65	11.78	20.34	11.94	3.01	0.17	-12.75	11.95
MRBLD1CB70_SIN			0.00	35.63	-105.90	121.66	213.46	38.51	49.38	40.38	-23.27	-15.54	-37.12	38.86	14.11	9.37	9.76	-1.51
MRBLD1CB120_COS			-531.07	-573.14	441.52	88.57	-32.13	39.36	-44.60	-35.10	-16.88	-6.54	2.52	2.07	6.48	3.89	-2.41	-1.25
MRBLD1CB120_SIN			0.00	82.63	-144.20	30.79	194.71	53.22	44.73	40.56	12.59	8.86	32.10	-24.47	-7.98	-4.09	-3.93	-2.87
MRBLD1CB164_COS			-1960.66	-125.03	130.38	-3.89	-46.22	17.98	-7.28	37.17	-19.91	-13.26	-7.56	2.22	5.04	4.27	7.74	-10.70
MRBLD1CB164_SIN			0.00	70.86	-35.61	18.65	80.31	29.61	-1.43	4.25	7.78	8.30	36.13	-13.77	0.62	-5.30	-7.40	-1.85
MRBLD1FB42P75_COS			2997.67	259.92	-384.82	467.93	-199.95	-28.15	-45.89	-335.76	-66.56	-7.71	53.51	70.34	52.70	33.52	0.86	-10.84
MRBLD1FB42P75_SIN			0.00	-38.36	-142.79	227.06	80.03	50.96	35.34	175.63	-49.55	-28.82	-44.57	24.03	17.26	19.96	50.10	-13.59
MRBLD1FB70_COS			422.30	10.74	-181.06	125.96	-75.62	-4.34	1.50	-49.22	-0.57	0.38	1.38	1.52	-4.16	-6.56	1.66	4.13
MRBLD1FB70_SIN			0.00	-201.52	-32.93	69.95	9.69	2.75	11.32	38.74	-1.02	4.14	1.56	3.90	3.38	-2.59	-11.94	4.13
MRBLD1FB87_COS			-63.19	51.43	-153.57	25.65	-62.08	-22.62	-3.62	31.97	10.57	4.14	-8.93	-14.44	-7.69	-8.85	-6.92	-1.30
MRBLD1FB87_SIN			0.00	-194.22	17.57	78.87	8.45	3.03	-5.03	-17.04	2.62	3.11	11.71	-8.16	-2.66	0.43	-9.58	-0.46
MRBLD1FB120_COS			-474.21	119.67	-234.80	-23.78	-13.66	-10.38	-0.26	67.18	2.46	-2.38	-2.61	3.74	8.16	12.46	7.42	1.48
MRBLD1FB120_SIN			0.00	-229.99	83.31	145.44	33.17	-5.10	-21.07	-54.82	-0.09	-5.71	-7.47	-0.71	-2.84	-2.32	12.54	-0.75
MRBLD1FB164_COS			-131.72	-160.60	-297.99	67.25	148.63	63.45	30.57	-93.96	-7.82	0.35	-1.07	-5.80	-2.90	-3.37	-2.76	-0.95
MRBLD1FB164_SIN			0.00	-275.12	-61.39	189.19	43.78	-24.41	22.57	68.52	-8.05	9.00	13.40	-6.71	-3.18	-0.49	-8.05	-3.32

RUN	POINT		Harmonics															
	48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-186.72	-229.48	-176.75	46.58	126.42	41.97	3.19	-81.46	7.83	-5.59	-22.63	-16.67	8.70	15.91	2.29	-4.99
MRBLD1FB180_SIN			0.00	-177.05	-65.40	75.88	21.80	-21.83	12.85	67.67	-12.20	-5.85	24.10	-8.88	-13.65	-12.21	14.47	2.30
MRBLD1TOR51_COS			-1406.24	-259.01	18.17	95.26	-15.06	-14.65	3.01	-38.79	9.48	-3.14	-4.39	0.19	3.93	5.32	0.56	1.46
MRBLD1TOR51_SIN			0.00	-104.29	-127.31	50.15	18.57	10.32	-5.62	43.12	4.40	-5.91	-5.85	-4.44	-1.09	-0.53	1.88	-2.10
MRBLD1TOR71_COS			-263.80	-221.53	5.59	74.08	-2.75	-7.17	7.88	-19.16	8.08	-4.16	-6.51	-1.84	3.55	6.67	0.68	-0.44
MRBLD1TOR71_SIN			0.00	-103.11	-118.99	27.00	8.66	9.57	-2.33	41.98	10.13	-2.51	-2.31	-6.11	-3.44	-0.84	1.85	-0.82
MRBLD1TOR130_COS			-35.89	-247.17	23.73	53.82	14.06	-4.77	7.60	-21.28	5.05	-1.51	1.14	-0.28	0.22	-0.91	-2.63	-1.50
MRBLD1TOR130_SIN			0.00	-86.50	-118.50	10.89	13.14	10.25	2.26	34.55	5.59	2.78	5.41	8.23	4.33	0.90	-1.80	1.65
MRBLD1TOR164_COS			-223.37	-192.18	58.37	26.27	-8.42	-12.55	-2.26	-3.74	5.85	2.35	-1.37	0.49	3.02	1.65	-3.55	-2.64
MRBLD1TOR164_SIN			0.00	-43.22	-71.78	-25.15	-1.81	6.97	5.03	18.30	0.79	-0.07	3.45	2.58	2.60	1.66	-0.95	-0.81
MRFBM1CB26P5_COS			-4502.79	-704.18	-6.48	92.61	4.87	-11.57	5.86	-17.28	0.24	-0.18	2.52	0.42	0.77	-0.11	-3.00	-1.69
MRFBM1CB26P5_SIN			0.00	-30.90	-61.48	-0.30	-18.81	-11.44	-8.62	-4.66	-7.76	-0.35	1.38	2.59	2.96	2.87	1.90	-1.50
MRFBM1FB9_COS			363.27	-19.39	120.78	-80.44	31.24	8.29	4.58	20.04	-0.45	-0.86	-3.09	0.18	0.43	0.87	1.44	-0.54
MRFBM1FB9_SIN			0.00	-125.25	120.97	-107.49	-6.67	-3.49	2.86	5.29	3.54	0.98	-0.36	-3.14	-2.29	-1.16	-0.34	-0.15
MRFBM1TOR26P5_COS			-352.71	78.19	-0.53	0.40	-0.23	0.01	0.16	-0.22	0.13	-0.07	0.03	0.07	-0.04	0.01	0.14	0.05
MRFBM1TOR26P5_SIN			0.00	-99.75	-0.52	-0.01	0.22	-0.13	0.01	0.24	0.14	-0.07	-0.15	-0.05	-0.03	-0.02	0.01	-0.01

RUN	POINT		Harmonics															
	48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1142.91	-1509.37	2.68	253.71	-42.34	-46.08	-16.02	-145.26	5.35	5.56	24.76	16.44	4.91	-0.16	-18.00	3.45
MRPC1CB33P25_SIN			0.00	99.75	-163.36	64.95	39.85	-2.73	10.19	11.58	-43.35	-10.50	-23.23	47.25	26.26	18.14	14.80	-3.49
MRPC1FB33P25_COS			2250.41	201.56	-318.98	343.28	-188.87	-39.79	-51.11	-334.27	-26.20	12.10	64.71	35.46	25.27	5.07	-47.66	5.09
MRPC1FB33P25_SIN			0.00	120.79	-173.84	273.05	26.28	35.03	10.67	0.00	-71.67	-24.80	-2.73	62.23	49.09	41.12	30.84	-18.13
MRPC1TOR25P5_COS			-763.19	303.70	-61.81	-99.40	6.95	6.11	-10.55	24.69	-11.18	6.81	7.42	-0.20	-3.16	-6.20	-11.59	-3.85
MRPC1TOR25P5_SIN			0.00	151.13	89.29	-27.37	-18.04	-7.28	8.33	-51.64	-11.16	6.31	7.21	11.62	3.43	4.88	-1.32	-0.88
MRPLK1LOAD_COS			-79.80	45.13	-4.53	-12.10	1.68	1.43	-1.15	4.98	-1.04	0.86	0.77	-0.61	-0.37	-0.84	-1.89	-0.70
MRPLK1LOAD_SIN			0.00	-7.23	15.09	-4.94	-2.34	-0.61	0.99	-6.71	-1.35	1.10	1.48	1.23	0.30	0.61	-0.72	0.17
PITCHRH_COS			8907.64	-9038.57	-432.42	-57.81	-98.33	-695.01	24.25	31.27	-37.44	-53.69	223.63	-67.17	25.26	-3.70	3.09	-281.56
PITCHRH_SIN			0.00	2748.44	-945.75	123.51	-6.31	435.40	170.63	121.62	-7.25	-83.42	19.85	-6.80	-2.33	52.44	39.68	172.61
ROLLRH_COS			5203.69	-2203.43	999.28	-91.30	-81.91	-652.79	-110.17	-5.59	78.20	106.29	173.79	-19.02	-37.45	21.56	14.51	-358.50
ROLLRH_SIN			0.00	-8841.15	-469.46	-79.62	98.79	-253.25	-130.63	-34.66	-104.39	-38.38	-97.02	-53.65	4.23	-33.72	13.93	-280.71
TORQ_COS			31452.89	430.14	-6.94	-4.18	-105.71	101.10	-3.93	18.77	-6.67	-0.67	5.16	2.79	4.72	-5.31	-2.10	10.30
TORQ_SIN			0.00	591.02	-35.04	5.10	-70.23	33.38	5.75	19.28	12.04	-6.86	-10.90	6.76	-5.76	3.66	-8.04	-37.74
THRUST_COS			5752.45	-54.66	10.79	5.71	14.15	17.25	0.77	17.07	0.38	-4.47	-32.14	3.70	1.13	-2.17	0.55	-4.50
THRUST_SIN			0.00	-73.56	0.59	15.60	35.51	-33.24	1.98	5.32	-2.89	3.32	12.24	1.56	1.27	-1.58	-5.71	8.74

RUN	POINT		Harmonics															
	48	95	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-152.72	14.25	-18.59	1.30	-33.59	63.99	8.35	-1.56	-0.91	-5.53	-6.94	0.95	1.37	-0.91	-0.58	10.68
SIDERH_SIN			0.00	223.61	16.66	1.01	-61.38	-39.53	7.61	0.21	1.78	2.38	3.78	2.77	-0.01	1.31	-0.57	8.00
DRAGRH_COS			-145.55	242.25	23.33	-0.49	-14.80	7.69	-21.05	-1.42	0.17	3.86	-1.51	3.91	-2.48	0.04	-0.29	13.67
DRAGRH_SIN			0.00	-70.81	16.12	-3.01	13.86	41.00	-29.65	4.31	-2.68	2.41	-3.07	-1.42	0.78	-1.05	-2.81	-9.53

RUN	POINT		Harmonics															
	48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-0.99	0.00	0.00	0.00	0.00	0.01	0.03	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.01
FLAP1C_SIN			0.00	0.01	0.00	0.00	0.00	0.00	-0.03	0.00	0.02	0.01	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.71	-1.84	0.00	-2.97	-2.63	-0.78	0.32	0.93	-0.15	-0.30	0.21	0.24	0.13	0.07	0.21	0.16
ACT1FORCE_SIN			0.00	8.73	0.49	1.46	0.94	-0.97	-0.64	-0.22	0.50	0.03	-0.42	0.01	0.08	-0.07	-0.25	0.09
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.02	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			357.95	-209.85	-2.28	21.57	18.25	7.93	0.05	0.01	-0.07	-0.03	0.03	-0.03	-0.02	-0.01	0.01	0.02
FA1IBVOLTAGE_SIN			0.00	-20.21	-8.33	-15.87	-5.09	8.58	0.02	0.08	-0.02	-0.05	0.01	0.03	0.00	-0.01	-0.01	0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			447.84	210.30	2.37	-21.56	-18.28	-7.99	-0.09	-0.02	0.07	0.03	-0.03	0.03	0.03	0.01	-0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	20.06	8.26	15.99	5.24	-8.52	0.00	-0.08	0.02	0.05	-0.02	-0.03	0.00	0.01	0.00	-0.04
MRBLD1CB42P75_COS			-3485.95	-1405.84	-3.91	257.39	-9.53	-59.98	-48.24	-109.21	20.52	43.02	-8.19	-3.12	-5.79	-3.95	-33.52	-6.55
MRBLD1CB42P75_SIN			0.00	-173.21	17.18	41.42	182.35	-16.97	10.29	15.58	-47.25	-8.55	-73.26	26.41	4.49	2.05	35.48	-36.23

RUN	POINT		Harmonics															
	48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2782.15	-856.31	269.19	160.99	34.88	-29.10	-63.02	-67.98	17.89	42.45	-16.42	1.46	-3.31	-1.25	-20.95	-9.07
MRBLD1CB70_SIN			0.00	-80.87	-35.34	90.59	319.27	9.77	62.02	38.26	-22.79	-3.37	-57.55	11.75	4.79	0.90	24.40	-35.35
MRBLD1CB120_COS			-554.51	-317.55	408.51	156.60	54.62	18.91	-48.03	-10.05	-27.26	-13.57	30.14	8.44	6.06	6.31	-0.58	3.89
MRBLD1CB120_SIN			0.00	78.58	-140.00	12.04	293.02	22.61	81.14	33.98	5.49	-12.70	40.70	-8.04	5.15	3.63	-3.99	-10.53
MRBLD1CB164_COS			-1951.27	-119.02	131.44	41.75	-19.44	12.86	0.46	36.02	-26.08	-23.49	30.30	6.95	5.92	3.64	13.99	-0.07
MRBLD1CB164_SIN			0.00	70.20	-55.90	17.80	121.28	19.70	27.73	2.23	2.25	-23.53	44.71	0.98	8.07	3.19	-11.01	27.20
MRBLD1FB42P75_COS			3036.82	211.93	-405.07	547.83	-99.35	-84.57	-91.76	-223.56	-113.36	-53.28	58.67	40.88	25.72	20.92	18.47	-85.35
MRBLD1FB42P75_SIN			0.00	23.77	27.84	75.69	137.76	80.72	22.41	82.98	-70.35	-75.65	-83.51	20.06	0.13	5.79	96.75	-47.60
MRBLD1FB70_COS			421.82	0.36	-195.25	163.38	-39.27	-19.21	-11.40	-31.00	-5.51	2.43	-1.29	-1.84	-2.45	-4.73	-3.15	19.30
MRBLD1FB70_SIN			0.00	-210.24	35.14	18.57	33.53	5.61	7.21	23.26	-4.59	0.74	3.05	3.26	3.37	0.34	-21.04	9.26
MRBLD1FB87_COS			-70.82	21.35	-162.93	55.99	-46.81	-23.58	-4.73	20.98	17.02	12.37	-5.63	-6.78	-3.14	-3.02	-5.89	13.36
MRBLD1FB87_SIN			0.00	-207.10	52.78	50.85	19.62	-0.44	-3.55	-9.27	5.16	8.60	18.08	-4.26	1.36	1.11	-18.69	10.45
MRBLD1FB120_COS			-480.58	-4.07	-244.30	21.64	-23.49	1.87	15.72	45.94	9.21	-7.40	-6.11	1.00	3.34	4.37	6.31	-21.04
MRBLD1FB120_SIN			0.00	-254.54	92.36	128.95	33.94	3.66	-18.60	-33.41	9.06	0.83	-7.64	-0.61	-6.58	-3.57	28.33	-15.46
MRBLD1FB164_COS			-170.24	136.50	-352.65	66.63	132.24	61.50	-2.07	-71.52	-14.82	9.87	6.48	1.62	-0.39	0.59	1.24	10.65
MRBLD1FB164_SIN			0.00	-314.77	145.26	149.90	11.06	-18.31	13.59	38.44	-18.73	-4.71	13.57	-1.44	1.26	3.31	-10.95	9.27

RUN	POINT		Harmonics															
	48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-219.12	81.20	-199.59	21.09	100.01	45.13	-27.06	-70.89	10.69	22.59	-17.49	-7.84	13.35	14.63	6.74	-26.14
MRBLD1FB180_SIN			0.00	-217.60	104.01	74.42	7.34	-7.74	20.49	47.07	-20.49	-16.33	28.19	-2.45	1.04	-6.67	29.94	-18.04
MRBLD1TOR51_COS			-1401.15	175.97	-30.94	72.99	-8.50	-22.22	-4.44	-14.94	8.40	4.07	-6.36	0.68	3.81	2.87	-4.40	1.43
MRBLD1TOR51_SIN			0.00	-73.23	50.75	20.29	7.22	-0.21	1.22	36.12	4.37	-6.87	-6.16	-3.54	2.62	2.51	6.86	-9.92
MRBLD1TOR71_COS			-260.36	186.38	-37.69	49.36	0.50	-12.13	2.88	-3.49	8.52	1.87	-7.32	0.24	3.14	3.36	-2.82	0.82
MRBLD1TOR71_SIN			0.00	-72.43	41.56	4.06	-6.41	0.17	4.36	36.38	11.42	-1.52	-1.45	-2.73	1.85	1.57	2.72	-5.27
MRBLD1TOR130_COS			-33.88	179.84	-15.16	24.07	14.73	-6.82	2.28	-6.03	5.75	2.54	3.89	-0.58	0.71	-0.02	-2.81	-3.16
MRBLD1TOR130_SIN			0.00	-58.20	36.99	-3.69	-6.22	4.74	7.50	27.17	5.45	-0.73	3.19	7.72	3.01	0.72	-3.09	3.85
MRBLD1TOR164_COS			-219.45	115.15	46.42	-1.77	-3.89	-13.87	-5.20	0.88	7.14	4.62	-0.06	0.13	1.90	2.97	-3.37	-2.93
MRBLD1TOR164_SIN			0.00	-18.32	13.12	-25.90	-8.74	4.33	8.34	17.61	4.44	-0.71	4.66	5.81	2.78	0.53	0.46	-3.29
MRFBM1CB26P5_COS			-4541.95	-573.52	-40.20	84.13	-0.78	-9.36	2.40	-13.52	-2.13	-1.12	5.36	0.54	0.68	0.26	-4.75	0.44
MRFBM1CB26P5_SIN			0.00	-136.73	26.91	-28.71	-19.12	-10.65	-15.17	-6.42	-9.31	-3.16	-1.22	2.74	0.42	1.16	4.02	-4.31
MRFBM1FB9_COS			386.87	-75.13	163.20	-114.33	21.32	13.86	8.05	12.05	-0.43	-2.07	-3.27	0.28	-0.11	0.29	2.71	-1.67
MRFBM1FB9_SIN			0.00	-9.07	-3.02	-77.02	-20.70	-1.39	5.09	4.12	5.79	2.13	1.01	-1.34	-0.95	-0.45	-0.96	2.73
MRFBM1TOR26P5_COS			-352.67	81.67	-0.85	0.39	-0.41	0.05	-0.04	-0.07	0.21	0.01	-0.14	0.03	0.02	0.01	0.19	0.08
MRFBM1TOR26P5_SIN			0.00	-98.10	0.30	0.00	-0.09	-0.32	0.22	0.09	0.21	0.07	-0.07	-0.19	0.00	0.05	0.04	0.02

RUN	POINT		Harmonics															
	48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1195.18	-1294.05	-73.58	273.99	-24.83	-54.06	-33.71	-98.15	1.03	21.46	11.74	0.95	-0.23	-0.49	-30.85	-4.55
MRPC1CB33P25_SIN			0.00	-141.17	39.29	-13.78	89.90	-14.49	-8.31	0.54	-49.99	-20.64	-44.53	23.42	5.30	5.07	34.04	-38.15
MRPC1FB33P25_COS			2286.62	140.05	-356.13	439.67	-116.88	-92.54	-81.56	-208.29	-52.89	1.36	90.21	16.89	17.27	8.91	-76.08	-8.38
MRPC1FB33P25_SIN			0.00	180.69	-51.36	165.02	100.43	43.28	-16.74	-25.00	-106.38	-84.48	-29.95	40.41	18.03	20.99	75.98	-104.58
MRPC1TOR25P5_COS			-761.77	-164.14	-15.45	-64.30	2.06	12.61	-2.55	4.63	-11.26	-0.74	11.11	-0.24	-5.12	-1.38	-10.16	-8.06
MRPC1TOR25P5_SIN			0.00	122.92	-106.39	4.29	-0.95	6.13	-1.57	-42.68	-10.94	3.31	4.63	10.67	-2.85	-1.05	-3.16	-0.89
MRPLK1LOAD_COS			-80.78	-13.29	1.49	-8.44	0.74	2.23	0.01	2.08	-1.34	-0.20	1.96	-0.60	-0.70	-0.27	-1.85	-1.39
MRPLK1LOAD_SIN			0.00	-11.69	-8.98	-1.14	-0.19	1.11	-0.42	-5.01	-1.17	0.25	1.09	1.82	-0.58	-0.32	-1.51	0.29
PITCHRH_COS			10065.52	-8973.11	-525.69	-30.22	-55.48	-382.29	-99.86	-21.54	138.56	-62.99	-23.26	-54.65	14.45	-20.63	-3.56	-322.14
PITCHRH_SIN			0.00	2795.81	-545.17	91.60	-66.15	476.10	17.58	175.99	74.43	-94.21	-288.28	59.18	10.88	89.46	-18.07	270.30
ROLLRH_COS			1079.35	-2261.42	565.32	-76.19	-91.89	-951.28	-204.71	-23.42	115.55	72.79	289.04	-75.76	-22.74	34.67	-47.03	-655.82
ROLLRH_SIN			0.00	-8769.51	-749.54	-29.41	67.88	321.59	-198.76	-30.30	25.93	-41.89	-73.96	-40.82	-13.29	-5.57	-29.09	-362.13
TORQ_COS			30786.84	459.83	-2.88	-1.94	-107.29	56.89	0.81	26.51	-7.47	-1.00	0.86	3.15	2.64	-0.86	-4.14	-5.55
TORQ_SIN			0.00	630.80	-14.06	24.20	-111.35	66.75	3.81	30.73	9.15	-5.72	1.48	1.92	-5.61	5.63	-8.56	-9.49
THRUST_COS			5839.52	-58.20	4.88	13.46	16.22	35.20	5.84	24.44	-3.69	-3.54	-20.53	0.89	1.67	0.73	0.75	18.34
THRUST_SIN			0.00	-87.18	11.70	10.23	34.50	-29.49	6.87	8.03	-4.85	2.06	29.65	-6.93	1.32	-2.09	-8.24	52.50

RUN	POINT		Harmonics															
	48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-175.75	8.40	-12.86	-3.74	-16.49	47.84	10.07	-1.30	-2.31	-3.12	-12.45	4.17	1.05	-1.15	0.97	19.17
SIDERH_SIN			0.00	216.73	14.63	3.91	-51.85	-86.24	11.57	-0.05	-1.15	2.59	3.10	2.81	0.83	0.30	0.59	10.21
DRAGRH_COS			-136.85	241.40	8.16	-0.65	-10.51	52.63	-14.13	-5.56	-2.32	2.76	6.32	4.45	-0.33	0.22	-1.14	13.73
DRAGRH_SIN			0.00	-72.13	13.29	-0.73	7.92	43.05	-17.28	1.96	2.95	5.46	14.86	-7.04	-0.94	-3.31	-0.01	-12.47

RUN	POINT		Harmonics															
	48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-1.99	0.00	0.00	0.00	0.00	0.01	0.04	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.01
FLAP1C_SIN			0.00	0.03	0.00	0.00	0.00	0.00	-0.03	-0.01	0.03	0.02	-0.02	0.00	0.01	0.00	0.00	-0.01
ACT1DISP_COS			2.65	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.75	-3.92	0.22	-1.87	-2.42	-0.82	0.25	1.14	-0.19	-0.42	0.14	0.20	0.16	0.00	0.13	0.15
ACT1FORCE_SIN			0.00	7.39	-0.92	0.79	1.54	-1.19	-0.63	-0.11	0.69	0.31	-0.57	0.07	0.18	-0.02	-0.16	0.06
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.05	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			356.88	-346.82	-6.03	11.85	14.75	7.64	0.04	0.04	-0.06	-0.03	0.08	-0.03	-0.05	-0.01	0.00	0.04
FA1IBVOLTAGE_SIN			0.00	35.87	0.88	-14.18	-10.14	8.96	-0.04	0.10	-0.03	-0.07	0.01	0.04	0.00	-0.01	-0.01	0.06
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			448.98	347.58	6.13	-11.85	-14.78	-7.66	-0.10	-0.04	0.07	0.03	-0.08	0.03	0.05	0.01	0.00	-0.03
FA1OBVOLTAGE_SIN			0.00	-36.20	-1.29	14.24	10.28	-8.88	0.07	-0.10	0.03	0.07	-0.01	-0.04	-0.01	0.01	0.01	-0.06
MRBLD1CB42P75_COS			-3439.54	-1178.71	-25.36	256.33	-13.24	-73.75	-52.90	-109.85	29.37	47.12	2.93	-3.97	-13.62	-11.54	-37.22	-12.75
MRBLD1CB42P75_SIN			0.00	-203.31	69.73	26.46	180.36	-20.41	7.50	1.95	-44.74	-5.78	-113.58	41.69	1.24	-1.86	35.71	-38.38

RUN	POINT		Harmonics															
	48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2804.50	-697.06	253.44	162.15	31.82	-53.33	-66.44	-69.80	26.75	44.78	-18.24	1.76	-7.61	-8.00	-22.42	-14.55
MRBLD1CB70_SIN			0.00	-79.92	-11.38	87.98	308.51	13.70	67.76	22.01	-21.14	0.22	-81.34	20.00	3.24	-2.99	25.68	-36.13
MRBLD1CB120_COS			-561.67	-226.09	395.29	150.37	50.27	-8.49	-52.14	-17.78	-29.30	-15.81	29.07	7.85	9.31	9.35	0.95	3.88
MRBLD1CB120_SIN			0.00	106.92	-132.75	18.93	298.55	32.22	95.45	16.81	6.32	-16.37	62.81	-15.78	7.36	4.00	-4.06	-11.08
MRBLD1CB164_COS			-1954.86	-111.33	126.78	43.82	-24.76	1.02	1.69	33.55	-31.46	-25.06	34.21	7.42	8.02	6.98	12.84	2.75
MRBLD1CB164_SIN			0.00	76.89	-59.91	16.18	126.72	22.74	35.43	-1.22	-0.19	-28.25	63.82	-5.25	8.12	3.58	-13.20	26.95
MRBLD1FB42P75_COS			3018.98	161.34	-407.70	540.31	-101.49	-106.43	-105.99	-260.73	-125.61	-67.76	63.46	42.13	12.20	6.42	11.52	-98.33
MRBLD1FB42P75_SIN			0.00	37.55	66.89	49.12	224.66	76.70	22.82	44.33	-76.48	-93.33	-131.60	32.53	3.48	7.39	99.27	-37.33
MRBLD1FB70_COS			419.07	-3.00	-200.46	162.16	-39.89	-24.92	-14.09	-36.41	-5.56	3.06	-0.99	-1.36	-0.86	-1.77	-1.93	21.84
MRBLD1FB70_SIN			0.00	-211.86	52.98	8.05	59.72	5.37	8.29	17.61	-4.24	0.42	2.83	3.43	2.87	0.21	-20.91	6.56
MRBLD1FB87_COS			-71.26	14.30	-165.98	58.73	-46.01	-23.60	-3.18	25.33	19.23	15.26	-5.75	-7.24	-0.62	-0.38	-4.28	15.66
MRBLD1FB87_SIN			0.00	-212.50	62.26	43.77	31.69	-0.61	-2.62	-4.97	6.97	12.46	30.09	-7.29	0.55	-0.44	-19.91	9.13
MRBLD1FB120_COS			-474.32	-30.79	-244.08	30.47	-23.21	7.12	17.30	53.95	9.02	-9.78	-8.26	0.80	0.51	0.40	4.63	-23.90
MRBLD1FB120_SIN			0.00	-267.71	94.01	119.84	28.04	2.85	-20.23	-25.90	7.20	-0.18	-10.39	0.59	-6.23	-2.36	29.13	-14.13
MRBLD1FB164_COS			-177.12	214.14	-362.36	63.61	139.44	67.57	-8.98	-85.59	-16.58	10.58	6.44	0.75	-1.21	0.00	1.28	11.58
MRBLD1FB164_SIN			0.00	-335.93	193.23	146.90	-24.22	-12.03	16.45	28.68	-16.96	-5.70	20.58	-3.94	1.72	4.36	-9.92	10.94

RUN	POINT		Harmonics															
	48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-224.50	162.73	-200.74	16.72	102.49	49.06	-32.78	-84.90	10.53	26.02	-19.35	-10.79	13.30	8.30	2.13	-30.79
MRBLD1FB180_SIN			0.00	-234.06	142.91	79.38	-13.80	-1.83	24.88	39.94	-19.09	-14.19	50.78	-9.36	-1.29	-10.61	27.94	-18.32
MRBLD1TOR51_COS			-1402.62	284.07	-42.15	63.10	-10.04	-26.49	-4.34	-18.04	10.85	3.97	-9.73	0.80	4.82	3.23	-3.92	0.94
MRBLD1TOR51_SIN			0.00	-65.75	96.78	13.64	11.19	-0.21	-0.93	25.88	5.80	-5.14	-4.09	-5.41	1.33	0.74	6.89	-10.04
MRBLD1TOR71_COS			-262.38	285.94	-47.76	40.37	-0.18	-15.14	3.68	-5.78	10.73	1.49	-11.39	0.44	4.40	3.30	-2.37	0.89
MRBLD1TOR71_SIN			0.00	-65.54	83.12	-1.63	-4.90	0.23	2.15	29.03	12.74	0.22	2.08	-4.79	1.22	0.61	2.53	-5.23
MRBLD1TOR130_COS			-35.44	284.87	-23.85	15.66	14.96	-8.35	3.20	-9.22	6.82	2.11	4.57	-2.43	0.51	-0.56	-3.27	-3.71
MRBLD1TOR130_SIN			0.00	-52.40	76.99	-6.42	-9.44	4.60	6.28	20.58	5.29	-1.30	3.05	9.14	2.88	1.04	-3.27	3.20
MRBLD1TOR164_COS			-217.96	190.77	44.39	-8.27	-5.80	-15.48	-4.22	0.01	7.68	4.38	-1.36	-1.29	0.84	1.51	-4.37	-4.48
MRBLD1TOR164_SIN			0.00	-11.37	35.86	-25.76	-6.30	2.69	7.71	15.59	4.11	-1.19	6.42	6.31	2.78	0.27	-0.39	-4.39
MRFBM1CB26P5_COS			-4511.36	-469.53	-47.41	81.11	1.59	-8.04	1.73	-13.73	-2.39	-1.03	9.07	0.18	-0.12	-0.07	-5.25	-0.43
MRFBM1CB26P5_SIN			0.00	-145.15	47.94	-34.34	-19.92	-13.30	-17.66	-5.90	-9.69	-4.44	-4.81	3.25	-0.07	0.71	3.17	-4.84
MRFBM1FB9_COS			367.81	-132.01	171.50	-114.53	26.03	16.14	9.24	11.88	-0.28	-2.33	-4.70	0.65	0.13	0.55	2.96	-1.23
MRFBM1FB9_SIN			0.00	31.76	-32.16	-69.51	-30.08	-0.40	5.91	7.26	6.25	2.60	2.04	-1.71	-0.46	0.09	-0.67	3.26
MRFBM1TOR26P5_COS			-352.91	82.14	-0.93	0.35	-0.39	0.03	-0.08	-0.09	0.21	0.02	-0.21	0.09	0.04	0.05	0.19	0.10
MRFBM1TOR26P5_SIN			0.00	-97.95	0.57	-0.08	-0.19	-0.29	0.21	0.03	0.24	0.13	-0.04	-0.24	0.00	0.04	0.03	0.01

RUN	POINT		Harmonics															
	48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1154.68	-1095.41	-90.71	270.22	-27.45	-61.95	-39.50	-100.52	5.18	23.28	24.47	-0.57	-7.02	-6.96	-34.80	-11.27
MRPC1CB33P25_SIN			0.00	-183.33	96.08	-29.00	97.83	-20.66	-12.08	-12.74	-49.87	-23.49	-75.00	34.22	2.22	1.10	33.19	-40.35
MRPC1FB33P25_COS			2270.46	88.95	-362.08	438.43	-138.06	-109.53	-92.81	-221.29	-59.24	-1.41	121.89	9.37	3.98	-2.76	-82.26	-25.17
MRPC1FB33P25_SIN			0.00	191.87	-25.13	144.08	171.79	34.15	-21.16	-70.07	-115.53	-105.16	-63.23	51.22	10.74	10.03	71.45	-110.77
MRPC1TOR25P5_COS			-759.81	-282.17	-2.99	-52.65	2.40	16.46	-3.18	7.58	-13.28	-1.49	17.69	-0.98	-8.40	-4.26	-10.80	-9.68
MRPC1TOR25P5_SIN			0.00	113.52	-159.21	10.72	-4.60	5.42	-0.20	-33.82	-13.01	0.04	-1.83	15.18	-2.21	-0.82	-4.15	-1.57
MRPLK1LOAD_COS			-80.25	-27.61	2.88	-6.96	0.63	2.72	0.01	2.62	-1.70	-0.36	2.93	-0.83	-1.14	-0.76	-1.95	-1.64
MRPLK1LOAD_SIN			0.00	-12.41	-15.37	-0.28	-0.71	1.13	-0.19	-3.66	-1.36	-0.27	0.40	2.53	-0.49	-0.23	-1.60	0.26
PITCHRH_COS			11117.54	-8970.33	-556.31	-32.25	-59.74	-283.89	-100.24	-0.60	187.60	-62.49	-39.36	-30.61	-16.97	2.31	-28.01	-345.52
PITCHRH_SIN			0.00	2779.63	-459.94	118.12	-38.77	677.96	77.81	127.10	64.61	-125.80	-272.60	56.31	16.82	46.49	-28.61	279.02
ROLLRH_COS			-118.36	-2208.09	493.52	-17.98	-112.68	-1288.95	-219.84	-12.16	143.40	110.23	317.82	-66.46	-68.22	7.87	-109.40	-687.72
ROLLRH_SIN			0.00	-8827.45	-750.46	16.44	88.58	460.12	-92.83	-50.37	41.61	-36.41	-56.57	-24.09	12.89	-21.38	-39.69	-331.48
TORQ_COS			31303.29	473.10	-2.47	-4.07	-131.91	50.62	0.52	22.42	-13.03	-1.47	-7.01	0.79	4.48	-2.77	-4.12	-6.05
TORQ_SIN			0.00	592.07	-16.08	22.45	-67.84	68.94	3.79	13.96	6.00	-4.35	14.35	-0.32	-6.88	5.48	-8.56	-7.17
THRUST_COS			5778.39	-59.84	5.59	11.43	21.93	38.05	7.97	18.11	-1.13	-4.61	-26.83	-0.69	6.35	0.05	4.91	27.49
THRUST_SIN			0.00	-91.29	12.47	5.66	30.43	-26.51	5.03	2.00	-3.14	4.44	37.65	-7.78	1.78	-0.99	-10.02	52.71

RUN	POINT		Harmonics															
	48	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-179.78	3.41	-11.95	-2.23	-22.44	57.44	15.49	-2.61	-3.32	-4.81	-13.46	3.84	2.55	-0.46	2.94	19.99
SIDERH_SIN			0.00	230.82	13.47	5.06	-56.09	-110.37	9.77	0.31	-1.07	2.61	1.92	1.69	-0.35	0.70	0.95	9.13
DRAGRH_COS			-131.27	243.44	6.96	-2.34	-10.83	60.98	-10.52	-2.93	-3.53	0.37	5.91	2.46	-0.74	-0.19	0.62	14.87
DRAGRH_SIN			0.00	-72.15	13.71	0.04	10.25	62.91	-18.97	4.38	5.24	7.41	13.33	-5.87	-0.64	-1.13	0.10	-12.14

RUN	POINT		Harmonics															
	48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.03	-2.98	-0.01	0.00	0.00	0.00	0.01	0.04	0.00	-0.02	-0.01	0.01	0.01	0.00	0.00	0.01
FLAP1C_SIN			0.00	0.04	0.00	0.00	0.00	0.00	-0.04	0.00	0.03	0.02	-0.02	0.00	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.03	-4.94	0.29	-0.62	-2.33	-0.80	0.28	1.03	-0.17	-0.49	0.09	0.33	0.24	0.09	0.19	0.27
ACT1FORCE_SIN			0.00	6.42	-1.97	0.40	1.87	-0.98	-0.55	0.12	0.86	0.39	-0.53	0.01	0.17	0.09	-0.07	0.19
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.07	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			357.63	-449.93	-7.66	0.47	12.68	6.63	0.03	0.02	-0.09	-0.05	0.10	-0.01	-0.03	-0.02	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	90.16	9.02	-16.17	-11.81	7.69	0.01	0.10	-0.03	-0.09	0.00	0.07	0.01	-0.02	-0.01	0.08
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			448.46	451.20	8.00	-0.34	-12.63	-6.62	-0.15	-0.02	0.09	0.04	-0.10	0.02	0.03	0.03	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	-91.04	-10.08	16.13	11.89	-7.57	0.04	-0.09	0.04	0.09	0.01	-0.07	-0.01	0.02	0.01	-0.08
MRBLD1CB42P75_COS			-3425.69	-1106.99	-31.15	266.07	-19.26	-69.37	-52.13	-77.89	38.53	48.31	-17.91	13.05	-8.89	-10.70	-39.94	-5.54
MRBLD1CB42P75_SIN			0.00	-367.55	122.80	24.83	169.63	-36.79	3.82	-9.19	-37.15	-2.06	-121.53	24.21	-4.63	-5.65	28.54	-40.04

RUN	POINT		Harmonics															
	48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2816.47	-638.93	255.61	169.96	32.18	-37.10	-75.18	-49.24	34.36	46.35	-38.98	13.40	-7.58	-10.29	-22.35	-12.33
MRBLD1CB70_SIN			0.00	-175.97	16.57	95.80	291.80	-7.86	61.52	13.33	-14.53	4.20	-77.93	7.43	0.81	-6.38	19.66	-39.44
MRBLD1CB120_COS			-558.69	-172.55	403.06	155.61	48.23	12.10	-65.27	-14.47	-28.33	-13.42	43.66	1.60	7.84	9.34	2.81	5.03
MRBLD1CB120_SIN			0.00	80.93	-119.93	27.12	284.70	10.92	86.30	8.71	1.53	-22.29	63.33	-6.36	10.45	5.51	-3.31	-11.75
MRBLD1CB164_COS			-1958.21	-111.27	129.26	52.05	-30.39	9.59	-5.50	24.91	-33.53	-22.16	53.89	-0.76	7.88	8.67	11.11	1.37
MRBLD1CB164_SIN			0.00	67.39	-62.26	16.33	119.06	16.73	31.61	-2.20	-6.93	-34.48	59.83	3.19	10.04	6.81	-8.78	30.21
MRBLD1FB42P75_COS			3017.82	157.04	-408.01	580.97	-153.60	-118.21	-93.46	-221.25	-118.67	-72.39	49.94	50.28	14.90	2.20	-7.67	-94.73
MRBLD1FB42P75_SIN			0.00	75.70	103.78	38.84	223.87	72.06	18.48	-1.07	-80.87	-103.51	-161.36	23.92	-0.71	4.10	95.03	-52.64
MRBLD1FB70_COS			417.61	-1.43	-202.20	177.56	-55.64	-28.28	-13.11	-29.70	-4.86	2.67	-1.97	-2.55	-1.79	-1.41	1.51	20.52
MRBLD1FB70_SIN			0.00	-214.67	68.43	4.37	58.46	2.24	5.52	7.97	-5.08	-0.36	2.73	3.00	2.65	0.56	-19.67	9.76
MRBLD1FB87_COS			-73.46	9.32	-168.78	70.16	-51.30	-23.82	-4.05	21.49	18.91	17.40	-0.54	-8.02	-0.40	1.33	1.69	16.75
MRBLD1FB87_SIN			0.00	-215.45	68.63	41.17	32.26	-0.90	-2.45	-0.94	7.22	14.49	35.92	-3.96	2.45	0.16	-19.68	12.62
MRBLD1FB120_COS			-471.11	-57.18	-247.69	47.01	-24.40	11.70	16.42	44.00	7.25	-11.22	-11.14	0.20	-0.37	-3.23	-4.79	-26.06
MRBLD1FB120_SIN			0.00	-273.64	90.00	119.32	27.32	6.53	-16.28	-12.11	9.70	1.56	-10.85	0.53	-5.71	-2.64	29.05	-18.00
MRBLD1FB164_COS			-179.18	287.83	-378.51	67.57	157.72	66.60	-14.61	-71.62	-12.33	14.49	12.93	2.62	0.33	2.22	7.38	13.80
MRBLD1FB164_SIN			0.00	-338.29	233.49	152.02	-18.84	-11.11	10.62	9.80	-20.34	-8.66	22.38	-2.33	1.73	4.18	-9.81	12.69

RUN	POINT		Harmonics															
	48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-226.06	235.59	-207.78	11.70	110.94	47.09	-38.18	-75.21	15.07	35.34	-5.87	-11.76	12.14	4.33	-9.47	-33.64
MRBLD1FB180_SIN			0.00	-237.03	178.18	86.99	-8.72	0.41	22.88	23.51	-20.44	-14.78	59.69	-0.93	4.74	-8.87	28.07	-21.88
MRBLD1TOR51_COS			-1402.20	389.18	-52.38	56.13	-14.26	-25.43	-1.91	-9.37	13.95	5.44	-8.84	0.00	3.31	1.81	-6.42	0.69
MRBLD1TOR51_SIN			0.00	-57.99	143.45	12.89	8.08	-1.41	-3.08	17.89	7.30	-4.28	-1.25	-4.82	1.89	0.12	4.42	-10.42
MRBLD1TOR71_COS			-262.70	384.94	-57.52	32.54	-2.69	-14.61	5.54	-0.35	12.83	2.55	-10.08	-0.58	3.28	2.17	-3.96	0.69
MRBLD1TOR71_SIN			0.00	-56.47	124.90	-2.55	-6.75	-0.19	-0.06	22.68	13.63	0.86	5.37	-4.00	2.01	0.69	1.06	-5.91
MRBLD1TOR130_COS			-36.01	388.49	-32.88	6.50	14.34	-8.08	4.67	-3.48	8.69	2.77	5.48	-1.61	1.22	0.79	-1.22	-3.73
MRBLD1TOR130_SIN			0.00	-44.02	117.38	-6.36	-10.27	3.60	3.99	14.59	5.19	-2.88	1.29	8.47	2.35	1.36	-1.74	3.05
MRBLD1TOR164_COS			-217.11	264.72	41.57	-16.51	-8.68	-15.36	-3.37	1.68	8.30	5.07	-0.64	-2.12	0.26	1.79	-3.45	-3.70
MRBLD1TOR164_SIN			0.00	-4.71	59.57	-25.59	-8.44	2.11	6.72	13.26	4.22	-1.70	7.07	6.94	2.96	0.41	-0.21	-5.24
MRFBM1CB26P5_COS			-4500.35	-436.68	-50.48	81.18	0.50	-10.20	4.40	-9.78	-1.98	-0.84	10.65	0.60	1.03	0.62	-6.28	1.15
MRFBM1CB26P5_SIN			0.00	-217.86	70.58	-39.12	-17.14	-13.92	-16.83	-6.47	-9.17	-4.86	-8.16	3.24	-0.05	0.95	2.26	-4.81
MRFBM1FB9_COS			367.58	-134.31	173.74	-125.21	31.95	16.36	8.12	8.46	-0.84	-2.69	-4.88	-0.14	-0.10	0.43	2.73	-1.75
MRFBM1FB9_SIN			0.00	79.43	-62.46	-70.51	-27.26	1.12	5.96	7.51	5.91	2.60	2.77	-1.73	-0.40	0.25	-0.25	3.12
MRFBM1TOR26P5_COS			-352.92	83.36	-1.06	0.26	-0.43	0.08	-0.07	-0.02	0.27	0.04	-0.27	0.07	0.02	0.03	0.16	0.11
MRFBM1TOR26P5_SIN			0.00	-97.05	1.02	-0.04	-0.30	-0.29	0.17	-0.06	0.32	0.23	0.00	-0.24	0.02	0.02	0.01	0.04

RUN	POINT		Harmonics															
	48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1146.58	-1034.53	-95.91	277.67	-36.60	-63.32	-35.43	-73.31	11.72	24.17	15.16	10.66	-3.05	-6.08	-38.54	-3.99
MRPC1CB33P25_SIN			0.00	-336.03	150.11	-34.87	93.48	-30.26	-13.82	-23.22	-44.80	-23.37	-86.64	24.29	-1.52	-1.57	26.06	-42.54
MRPC1FB33P25_COS			2269.10	77.84	-365.99	475.66	-180.20	-115.94	-81.40	-171.09	-51.27	0.98	128.57	21.68	8.76	-2.33	-89.05	-8.81
MRPC1FB33P25_SIN			0.00	228.56	0.42	142.84	158.20	26.81	-20.06	-89.32	-114.93	-115.65	-92.50	50.29	9.55	4.29	52.43	-116.22
MRPC1TOR25P5_COS			-758.52	-394.18	6.19	-41.87	5.39	16.60	-5.55	0.85	-15.90	-3.16	16.13	2.47	-5.93	-1.95	-6.66	-7.46
MRPC1TOR25P5_SIN			0.00	106.65	-210.89	12.60	-3.59	6.78	2.30	-25.55	-14.33	-1.92	-7.09	13.03	-2.79	-0.30	-2.20	-2.29
MRPLK1LOAD_COS			-80.24	-41.66	4.11	-5.78	1.25	2.52	-0.28	1.54	-2.25	-0.69	3.03	-0.36	-0.85	-0.48	-1.11	-1.50
MRPLK1LOAD_SIN			0.00	-13.52	-21.73	-0.15	-0.36	1.35	0.11	-2.36	-1.60	-0.71	-0.34	2.41	-0.61	-0.12	-1.09	0.02
PITCHRH_COS			11234.81	-8988.25	-551.08	-34.50	-66.71	-369.13	-113.58	-26.27	211.01	-48.80	-46.49	-43.08	-2.03	31.84	-23.20	-371.09
PITCHRH_SIN			0.00	2748.30	-427.21	132.77	-2.38	689.97	47.77	152.59	101.78	-143.85	-253.09	8.10	-11.04	48.57	-16.96	199.22
ROLLRH_COS			-1414.87	-2133.84	505.97	-1.33	-157.17	-1381.53	-213.44	12.24	156.36	75.21	354.98	-38.69	-23.80	17.73	-69.92	-621.70
ROLLRH_SIN			0.00	-8876.95	-742.34	30.79	113.32	122.50	-134.04	-50.81	63.16	-11.58	-67.86	-21.50	-2.64	-23.11	-36.85	-388.96
TORQ_COS			31501.59	432.17	0.29	-6.38	-144.73	52.83	3.41	9.31	-17.08	-2.25	-13.75	2.18	2.13	-4.87	-3.40	-6.10
TORQ_SIN			0.00	585.22	-18.67	23.36	-65.00	82.92	4.54	17.87	4.90	-6.07	25.16	1.80	-2.75	3.81	-11.55	-3.50
THRUST_COS			5772.76	-53.60	5.59	11.52	25.33	43.29	7.13	12.35	-2.66	-6.12	-26.95	-0.12	1.68	-1.33	4.36	19.10
THRUST_SIN			0.00	-96.82	16.43	0.56	32.18	-21.04	5.23	11.82	-1.91	5.15	43.74	-3.53	1.96	-3.08	-5.83	54.58

RUN	POINT		Harmonics															
	48	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-186.41	11.46	-12.51	-2.82	-30.82	75.82	11.79	-2.79	-3.62	-3.24	-14.56	2.32	1.04	-0.82	1.77	18.34
SIDERH_SIN			0.00	232.75	12.72	5.50	-59.03	-99.91	12.68	-0.67	-1.35	1.60	2.18	1.51	0.45	0.76	1.00	10.64
DRAGRH_COS			-128.34	243.74	5.55	-2.51	-12.91	43.97	-5.70	-6.54	-3.22	-0.39	5.93	3.11	0.08	-1.04	-0.01	15.75
DRAGRH_SIN			0.00	-71.91	15.25	0.87	17.08	68.92	-13.28	1.27	5.33	9.14	14.68	-3.31	-0.94	-0.55	-0.24	-9.87

RUN	POINT		Harmonics															
	48	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.09	-0.11	-0.05	-0.11	-0.07	-0.02	0.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.43	0.04	0.02	-0.04	-0.03	-0.02	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.64	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-9.47	-3.13	-1.63	-3.44	-2.22	-0.31	0.01	0.78	0.06	0.09	0.21	0.32	0.20	0.08	0.07	-0.07
ACT1FORCE_SIN			0.00	14.85	0.78	1.05	-0.41	-0.84	-0.62	-0.43	0.06	0.02	-0.07	0.05	0.13	0.02	0.04	0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.69	-0.13	-0.03	0.01	0.06	0.06	0.03	0.00	0.00	0.00	0.01	-0.01	-0.02	-0.02	-0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-0.04	-0.05	-0.09	-0.07	-0.03	0.00	0.03	0.01	0.02	0.01	0.01	0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.12	0.02	0.01	-0.05	-0.06	-0.04	-0.01	-0.01	0.00	-0.01	0.01	0.02	0.01	0.01	-0.01
FA1OBVOLTAGE_SIN			0.00	0.03	0.03	0.09	0.07	0.02	0.00	-0.04	-0.01	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-3458.06	-1542.58	39.41	232.84	-42.17	-68.43	-39.67	-163.99	43.96	44.60	8.13	3.52	-2.81	-4.70	-21.16	-7.68
MRBLD1CB42P75_SIN			0.00	-96.90	-41.86	68.41	132.69	-0.24	26.53	12.06	-64.56	-3.54	-84.46	45.43	7.74	3.17	27.29	-23.71

RUN	POINT		Harmonics															
	48	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			2799.84	-960.66	292.16	137.61	-18.75	-41.10	-45.78	-107.54	29.48	40.92	-5.80	4.66	-0.61	-3.62	-14.44	-9.13
MRBLD1CB70_SIN			0.00	-39.40	-63.97	104.67	251.06	17.41	52.40	38.83	-40.15	0.13	-62.86	27.09	3.18	-2.13	19.79	-26.04
MRBLD1CB120_COS			-553.30	-401.81	420.43	138.01	-1.66	13.54	-26.75	-31.67	-31.85	-5.75	21.97	4.27	4.96	6.39	-0.25	1.60
MRBLD1CB120_SIN			0.00	83.94	-145.87	24.46	226.63	29.18	51.44	43.01	3.66	-7.01	53.11	-15.76	2.70	1.07	-2.15	-8.35
MRBLD1CB164_COS			-1951.95	-127.79	130.69	27.17	-36.39	13.17	8.86	42.50	-34.04	-14.84	22.56	5.34	6.26	6.09	10.26	1.65
MRBLD1CB164_SIN			0.00	80.61	-52.72	19.10	91.40	15.40	8.65	8.42	7.69	-19.49	53.90	-9.67	6.32	4.24	-9.65	21.67
MRBLD1FB42P75_COS			3001.43	242.64	-381.43	504.14	-106.86	-46.54	-83.15	-339.79	-92.30	-23.60	66.02	46.26	21.63	14.74	16.36	-67.68
MRBLD1FB42P75_SIN			0.00	-2.33	-14.27	107.15	85.13	120.42	40.45	128.10	-102.91	-86.94	-88.95	25.17	4.24	4.64	66.06	-23.42
MRBLD1FB70_COS			416.49	2.11	-185.48	144.40	-46.11	-10.16	-6.93	-51.38	-1.63	4.47	-0.80	-0.53	-0.92	-2.77	-2.47	15.84
MRBLD1FB70_SIN			0.00	-208.14	18.97	29.44	13.87	17.01	11.48	31.66	-9.17	0.87	2.32	2.27	2.72	0.39	-14.79	4.57
MRBLD1FB87_COS			-69.98	30.28	-158.63	42.29	-49.82	-21.33	-2.99	32.46	15.06	8.05	-7.28	-9.13	-3.04	-2.42	-5.90	9.75
MRBLD1FB87_SIN			0.00	-202.60	46.46	55.74	10.98	2.52	-3.10	-12.16	11.05	12.29	22.15	-4.93	0.73	1.16	-11.92	5.38
MRBLD1FB120_COS			-476.43	32.24	-247.61	1.93	-21.15	-3.79	11.05	73.27	2.24	-10.75	-5.43	2.02	2.46	2.62	5.74	-15.79
MRBLD1FB120_SIN			0.00	-243.20	93.37	123.18	34.91	-9.22	-24.28	-47.84	13.44	-1.92	-10.34	-0.05	-5.54	-3.93	17.45	-8.86
MRBLD1FB164_COS			-180.63	77.62	-320.85	72.02	134.21	55.51	7.95	-105.62	-7.24	11.40	2.58	-3.33	-1.39	0.60	-0.43	6.42
MRBLD1FB164_SIN			0.00	-348.13	96.48	146.14	39.27	-28.40	22.11	57.13	-24.13	1.51	18.01	-3.80	0.09	2.17	-6.88	6.35

RUN	POINT		Harmonics															
	48	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-231.07	17.50	-176.79	35.86	107.36	40.18	-18.41	-98.76	14.14	13.21	-23.00	-14.08	8.36	8.60	6.26	-18.52
MRBLD1FB180_SIN			0.00	-252.05	61.47	69.27	23.26	-13.12	26.37	64.40	-23.30	-7.05	39.90	-4.68	-4.26	-10.05	17.52	-9.95
MRBLD1TOR51_COS			-1427.00	85.50	4.84	94.33	-5.73	-27.08	-1.94	-38.30	10.18	5.76	-7.96	-1.59	3.15	3.18	-1.25	-0.76
MRBLD1TOR51_SIN			0.00	-137.11	7.25	33.46	28.99	16.50	3.80	47.78	-4.13	-7.70	-2.54	-4.24	0.26	0.17	4.99	-6.79
MRBLD1TOR71_COS			-284.73	102.18	-5.11	71.44	4.19	-17.05	4.13	-19.44	8.28	2.19	-9.15	-1.67	2.81	3.78	-0.87	-0.35
MRBLD1TOR71_SIN			0.00	-133.89	2.53	14.81	17.00	13.71	5.68	47.35	4.51	-3.06	1.50	-4.25	-0.13	0.01	2.28	-3.24
MRBLD1TOR130_COS			-57.33	90.55	16.14	48.10	18.62	-11.31	2.65	-20.06	6.63	2.97	4.04	-0.77	0.69	-0.06	-3.49	-1.82
MRBLD1TOR130_SIN			0.00	-121.44	-1.47	4.59	17.52	15.21	7.80	35.96	1.06	-0.85	3.99	8.23	3.24	1.39	-1.60	3.44
MRBLD1TOR164_COS			-234.91	49.11	62.25	16.80	-0.92	-15.75	-5.19	-2.99	5.71	2.82	-0.41	-0.81	1.07	2.29	-2.90	-2.23
MRBLD1TOR164_SIN			0.00	-63.85	-8.54	-20.91	2.44	13.92	8.57	21.13	2.98	-1.06	5.06	5.68	2.33	0.28	-0.21	-1.96
MRFBM1CB26P5_COS			-4519.70	-637.53	-22.44	81.44	-0.48	-10.57	0.79	-18.69	1.50	0.14	6.43	0.60	-0.09	0.57	-3.19	-0.56
MRFBM1CB26P5_SIN			0.00	-107.98	1.77	-17.46	-18.60	-9.03	-8.67	-6.60	-9.74	-3.17	-2.14	2.28	0.96	1.39	2.44	-2.85
MRFBM1FB9_COS			350.07	-40.75	142.22	-98.54	20.70	13.04	6.55	18.40	-2.25	-2.96	-3.96	0.44	0.08	0.37	1.88	-0.98
MRFBM1FB9_SIN			0.00	-18.23	28.09	-82.35	-13.39	-6.28	2.68	7.28	6.20	1.57	0.81	-2.05	-0.88	-0.27	-0.70	2.10
MRFBM1TOR26P5_COS			-352.92	81.48	-0.57	0.53	-0.28	-0.04	0.07	-0.19	0.18	0.01	-0.17	0.03	0.03	-0.01	0.18	0.04
MRFBM1TOR26P5_SIN			0.00	-98.74	0.11	0.08	0.29	-0.17	0.27	0.22	0.17	0.06	-0.05	-0.18	0.00	0.04	0.00	0.00

RUN	POINT		Harmonics															
	48	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-1175.97	-1407.18	-34.95	255.96	-40.45	-57.02	-27.71	-147.10	21.47	27.39	21.16	4.88	0.77	-0.98	-19.35	-7.25
MRPC1CB33P25_SIN			0.00	-63.57	-20.79	15.07	60.73	2.31	8.95	-0.64	-63.93	-16.39	-51.07	33.61	7.27	5.10	24.81	-25.14
MRPC1FB33P25_COS			2255.85	172.63	-333.04	396.76	-112.73	-73.66	-80.78	-317.95	-21.87	29.47	99.69	17.02	12.02	5.16	-51.29	-19.23
MRPC1FB33P25_SIN			0.00	158.85	-79.44	183.05	51.98	85.78	0.02	-37.40	-123.18	-77.42	-29.53	48.62	17.96	16.13	55.74	-75.25
MRPC1TOR25P5_COS			-738.57	-64.65	-52.79	-90.71	-2.35	18.16	-6.24	25.66	-11.19	-2.31	14.41	2.59	-4.64	-2.70	-10.93	-5.04
MRPC1TOR25P5_SIN			0.00	187.30	-57.55	-10.72	-27.55	-11.03	-4.26	-56.94	-3.11	5.09	-0.96	12.95	-0.11	1.16	-1.94	-0.99
MRPLK1LOAD_COS			-77.12	-1.18	-3.15	-11.60	0.35	2.90	-0.50	5.19	-1.38	-0.50	2.30	-0.22	-0.61	-0.41	-2.10	-0.73
MRPLK1LOAD_SIN			0.00	-2.99	-3.07	-2.92	-3.60	-1.24	-0.70	-7.11	-0.02	0.47	0.40	1.94	-0.11	0.06	-1.09	0.28
PITCHRH_COS			8798.46	-8926.25	-462.81	-24.45	10.62	-741.77	-128.88	15.95	157.00	-35.42	37.41	-45.95	8.45	42.81	-20.45	-253.21
PITCHRH_SIN			0.00	3226.09	-742.60	71.16	-101.99	263.58	81.87	148.88	-10.03	-35.58	-162.74	34.03	26.76	66.91	-19.21	233.51
ROLLRH_COS			1733.20	-2676.12	764.84	-20.29	-60.06	-461.01	-101.34	-0.32	191.96	51.78	301.71	-53.16	-47.75	83.16	-26.46	-581.74
ROLLRH_SIN			0.00	-8495.18	-655.79	-27.16	35.95	37.64	-98.12	-2.43	-12.26	-49.22	-32.25	-24.16	50.99	-54.80	-5.41	-278.53
TORQ_COS			31017.33	600.64	-7.86	12.97	-24.39	84.60	-2.06	27.88	-20.65	-0.19	-0.97	0.94	6.90	-3.63	-4.03	-4.81
TORQ_SIN			0.00	486.61	-7.63	17.50	-60.35	83.72	-3.18	18.97	7.85	-4.01	5.11	5.83	-6.68	4.55	-8.48	-11.14
THRUST_COS			5729.34	-101.69	12.80	7.49	1.07	34.05	-0.41	21.37	-4.11	-4.35	-27.86	1.60	4.28	-3.68	-1.00	16.92
THRUST_SIN			0.00	38.59	3.13	6.57	20.40	-55.21	4.84	2.11	-0.49	1.93	25.52	-2.48	-1.01	-1.14	-4.71	41.04

RUN	POINT		Harmonics															
	48	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-168.61	-1.92	-17.33	-1.74	-3.61	33.83	6.71	-2.54	-4.01	-2.12	-12.90	2.54	1.66	-2.70	0.54	16.84
SIDERH_SIN			0.00	177.02	15.90	3.07	-35.65	-43.30	10.55	-0.54	0.07	2.99	1.51	1.55	-1.76	1.77	-0.15	8.09
DRAGRH_COS			-151.80	235.11	12.27	-0.42	-9.21	22.28	4.35	-2.29	-0.68	0.17	4.40	3.37	-2.77	-1.90	0.55	11.96
DRAGRH_SIN			0.00	-63.61	16.12	-1.12	2.60	8.54	-23.56	4.63	3.93	2.49	9.62	-3.91	-0.22	-1.97	0.18	-10.34

RUN	POINT		Harmonics															
	53	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.53	-0.19	-0.29	0.06	-0.02	0.00	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.56	-0.16	-0.10	0.01	-0.03	0.00	0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.60	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.48	-4.46	-9.71	1.22	-1.21	0.16	0.81	-0.08	-0.39	-0.23	0.06	0.23	-0.14	-0.07	0.03	-0.21
ACT1FORCE_SIN			0.00	19.20	-4.30	-1.89	1.60	-0.75	0.38	0.72	0.37	0.04	-0.34	0.01	0.18	-0.04	0.16	-0.09
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.15	0.11	0.09	-0.01	0.05	-0.01	-0.02	-0.01	0.00	0.03	0.00	-0.02	0.02	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.11	-0.17	0.05	-0.02	0.01	0.05	0.01	-0.01	-0.03	-0.01	0.04	-0.01	0.01	0.01	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.15	-0.10	-0.08	0.01	-0.05	0.02	0.02	0.02	0.01	-0.03	0.00	0.02	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.07	0.17	-0.07	0.01	-0.02	-0.04	0.00	0.01	0.02	0.01	-0.03	0.01	0.00	-0.01	0.02
MRBLD1CB42P75_COS			-684.56	-1701.59	531.44	-64.67	3.85	-57.27	-84.12	-17.06	14.24	-25.71	-21.19	15.92	-3.14	-7.30	-8.99	2.92
MRBLD1CB42P75_SIN			0.00	1286.91	110.96	16.73	226.29	-78.96	-8.64	-96.36	35.46	36.95	-79.15	13.79	13.59	13.06	3.67	30.58

RUN	POINT		Harmonics															
	53	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4421.59	-1249.12	345.47	-96.37	126.09	-89.26	-88.26	-5.14	12.76	-15.83	-37.49	12.85	-1.93	-3.76	-10.29	18.77
MRBLD1CB70_SIN			0.00	951.43	-41.73	81.34	351.05	-149.69	47.45	-56.66	19.44	40.60	-24.95	5.68	7.30	7.40	3.11	38.06
MRBLD1CB120_COS			-310.44	-738.18	258.59	26.84	159.14	-86.39	-63.54	27.32	-3.52	2.22	16.08	-11.71	3.19	5.66	4.52	-2.31
MRBLD1CB120_SIN			0.00	680.48	-83.20	64.36	406.01	-132.02	62.49	-52.31	-45.26	-37.37	44.30	1.43	-1.36	-0.69	-1.76	4.00
MRBLD1CB164_COS			-1963.52	-257.73	45.06	72.59	47.22	-52.77	-21.60	20.05	-11.58	6.73	32.32	-11.22	2.45	1.47	4.81	-11.04
MRBLD1CB164_SIN			0.00	253.99	-35.96	43.35	177.00	-59.60	31.16	8.69	-49.59	-49.20	29.97	6.13	2.31	-1.33	3.89	-25.24
MRBLD1FB42P75_COS			2474.25	399.89	196.84	797.68	-35.06	-57.59	-132.96	-172.26	-75.05	-113.36	-29.58	17.28	2.72	9.25	-5.43	50.67
MRBLD1FB42P75_SIN			0.00	-273.91	389.37	226.47	422.85	226.06	27.85	-279.11	-3.46	-42.88	-128.54	15.53	5.47	-0.83	-9.05	23.25
MRBLD1FB70_COS			622.50	99.42	69.36	236.93	-10.99	-15.77	-28.97	-21.35	-1.01	-2.13	-0.86	1.63	0.27	-0.38	1.38	-9.53
MRBLD1FB70_SIN			0.00	-261.16	172.98	37.24	122.40	37.78	6.15	-45.67	6.04	6.67	2.91	1.50	1.40	0.96	2.23	-5.67
MRBLD1FB87_COS			91.65	112.29	-5.45	125.58	-18.09	-14.11	-1.72	13.34	12.39	22.32	9.70	-2.17	1.27	-1.00	2.14	-10.40
MRBLD1FB87_SIN			0.00	-307.57	124.15	19.09	51.99	6.15	-2.51	22.56	-1.97	8.30	30.03	-2.36	0.64	2.10	4.21	-1.67
MRBLD1FB120_COS			-273.35	142.60	-100.95	120.12	-7.29	-26.69	12.78	24.94	-8.07	-6.50	-8.28	-6.48	-4.32	-0.50	-3.18	16.06
MRBLD1FB120_SIN			0.00	-416.22	126.87	92.24	25.78	1.53	-1.48	71.92	-4.53	-9.64	-14.21	-2.54	-5.60	-6.44	-7.67	1.88
MRBLD1FB164_COS			0.94	178.34	78.24	70.43	81.39	56.46	25.80	-20.53	4.22	8.28	8.62	4.45	2.71	-3.63	-1.58	-7.89
MRBLD1FB164_SIN			0.00	-643.25	263.31	217.56	-45.52	-32.00	-17.73	-102.45	9.18	14.26	20.06	-1.93	3.37	2.59	1.31	-1.21

RUN	POINT		Harmonics															
	53	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-89.33	21.20	117.44	-3.01	57.52	60.09	9.82	-28.30	7.19	33.62	19.95	-15.24	-12.94	-5.90	-2.95	19.86
MRBLD1FB180_SIN			0.00	-481.07	185.53	140.67	-53.11	-10.96	-2.50	-94.11	2.44	22.20	59.74	-12.30	-13.88	-11.17	-10.58	2.48
MRBLD1TOR51_COS			-1583.46	216.58	176.27	-13.98	16.72	-18.76	10.08	-33.44	-7.83	2.53	0.57	-2.23	-2.03	1.32	2.23	1.89
MRBLD1TOR51_SIN			0.00	-315.74	224.91	102.86	-13.40	21.10	-46.80	-47.14	2.20	0.93	9.68	-2.08	-5.51	-5.92	-2.21	5.68
MRBLD1TOR71_COS			-432.53	235.72	136.56	-30.50	20.97	-7.37	19.33	-29.78	-3.41	5.99	0.41	-3.84	-0.24	1.00	2.23	0.57
MRBLD1TOR71_SIN			0.00	-297.74	194.72	69.25	-37.98	18.96	-40.11	-28.30	3.55	3.62	14.54	-2.72	-4.47	-3.66	-0.38	3.77
MRBLD1TOR130_COS			-186.67	216.41	138.78	-56.56	24.86	0.49	14.75	-21.40	0.35	1.12	7.58	-2.60	0.95	-1.50	-1.03	-2.13
MRBLD1TOR130_SIN			0.00	-270.32	137.87	62.79	-49.17	12.39	-30.15	-32.13	2.41	-3.17	-0.83	3.32	2.30	3.89	2.52	-0.99
MRBLD1TOR164_COS			-357.56	120.03	92.69	-56.24	4.07	-5.89	-0.33	-13.64	3.98	4.57	0.05	-2.53	2.14	-1.28	-0.94	0.77
MRBLD1TOR164_SIN			0.00	-148.25	51.57	4.65	-25.55	13.59	-15.12	-13.37	1.08	3.04	2.87	-2.88	0.37	2.58	-1.27	0.10
MRFBM1CB26P5_COS			-896.15	-898.30	238.69	-54.38	-29.56	6.46	3.49	-4.42	0.55	-2.13	9.30	0.28	0.02	0.03	1.52	-3.30
MRFBM1CB26P5_SIN			0.00	495.94	131.78	-68.60	-24.07	3.30	-19.39	-14.11	3.50	-5.14	-15.98	1.69	0.29	-0.08	-1.46	-0.40
MRFBM1FB9_COS			623.93	-83.84	-247.27	-148.50	26.85	23.91	12.99	-3.98	2.47	2.43	-1.83	0.29	0.48	0.19	-0.08	0.76
MRFBM1FB9_SIN			0.00	-42.38	-227.79	-145.84	-55.50	-9.85	9.90	17.82	2.83	2.97	3.67	-0.44	0.06	-0.21	0.36	-2.18
MRFBM1TOR26P5_COS			-107.17	80.13	4.09	-0.74	0.07	-0.47	0.53	0.09	-0.35	-0.01	-0.15	0.21	-0.09	0.05	0.03	0.08
MRFBM1TOR26P5_SIN			0.00	-240.76	3.49	0.88	-0.96	-0.14	-0.96	-0.09	0.09	0.04	0.13	0.00	-0.07	-0.15	-0.07	-0.05

RUN	POINT		Harmonics															
	53	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			47.85	-1361.67	474.90	-39.30	-38.10	-36.79	-72.40	-19.70	16.18	-18.55	-2.56	11.25	0.28	-3.67	-3.41	-0.43
MRPC1CB33P25_SIN			0.00	1180.89	91.50	-12.42	134.16	-24.17	-17.94	-87.66	15.14	3.19	-69.19	10.80	8.12	10.33	-0.12	26.33
MRPC1FB33P25_COS			1827.37	325.31	34.87	649.11	-109.81	-108.33	-120.14	-25.58	-49.53	-57.76	55.61	7.18	0.69	5.83	4.68	7.74
MRPC1FB33P25_SIN			0.00	-31.89	319.22	323.52	355.00	162.46	-16.78	-302.42	-44.92	-93.06	-115.01	21.72	6.45	7.74	-8.95	61.69
MRPC1TOR25P5_COS			-216.37	-150.61	-210.52	56.18	-24.18	25.58	-14.21	33.63	12.09	0.86	7.33	2.35	4.84	-3.44	-3.17	-3.79
MRPC1TOR25P5_SIN			0.00	110.06	-231.55	-101.05	33.74	-23.72	57.92	39.75	-4.77	-4.96	-17.22	6.61	11.01	12.45	6.05	1.11
MRPLK1LOAD_COS			18.27	-22.76	-28.07	5.53	-4.68	5.09	-3.21	4.64	3.24	0.33	1.41	-0.61	1.05	-0.56	-0.54	-1.07
MRPLK1LOAD_SIN			0.00	20.46	-31.46	-16.74	4.12	-3.13	7.94	5.51	-0.68	-0.24	-1.87	0.29	1.48	2.31	0.93	0.40
PITCHRH_COS			14310.77	-9123.30	-1003.12	502.93	40.81	-470.51	214.11	7.08	-13.82	-67.82	12.21	11.08	50.51	59.47	-15.73	-166.48
PITCHRH_SIN			0.00	446.07	-2034.87	85.71	-99.54	1145.19	95.38	182.45	138.34	-33.94	-306.38	31.54	-46.72	50.75	29.41	156.34
ROLLRH_COS			3772.25	-826.54	2579.07	-220.34	145.06	-2488.79	-154.95	48.15	-97.39	108.55	161.18	19.28	78.94	-67.05	29.64	76.53
ROLLRH_SIN			0.00	-9154.60	-916.30	592.90	-100.33	933.77	-219.06	-112.55	139.64	-150.10	-33.07	-12.44	20.90	-27.97	-61.72	180.98
TORQ_COS			103445.45	5.83	-143.57	78.25	-148.44	-27.38	1.68	52.84	-11.03	-3.08	-19.96	-2.23	1.27	-0.63	-4.60	11.46
TORQ_SIN			0.00	1289.62	-69.05	479.12	-174.88	24.31	7.60	51.27	-34.52	-6.35	72.13	2.57	-6.97	5.54	0.56	1.11
THRUST_COS			5886.99	35.09	13.75	81.85	8.55	48.46	4.92	31.34	2.57	-2.44	-7.21	-6.38	-0.95	-0.76	8.39	-22.69
THRUST_SIN			0.00	-363.32	-24.40	30.63	23.61	-98.41	11.98	4.74	4.23	-0.87	58.49	-1.55	-2.31	3.85	2.27	-25.29

RUN	POINT		Harmonics															
	53	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-144.57	48.57	-69.08	8.81	38.16	73.01	14.18	-3.20	0.33	-2.69	-5.78	-0.54	-3.63	2.07	-1.24	-1.76
SIDERH_SIN			0.00	234.70	23.91	5.41	37.33	-156.84	-0.52	4.40	-3.75	7.61	-4.20	2.37	-0.23	0.94	1.88	-5.30
DRAGRH_COS			-37.18	248.10	43.71	-2.81	7.05	79.94	-46.76	-0.54	-7.18	1.66	-9.43	1.22	-2.18	-2.87	1.71	7.49
DRAGRH_SIN			0.00	-48.45	2.67	-10.27	-14.06	84.32	1.15	5.65	-9.73	8.23	13.86	-2.23	5.16	-1.54	-1.49	-10.54

RUN	POINT		Harmonics															
	53	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.32	-0.19	-0.34	0.12	-0.02	0.01	0.03	-0.01	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.58	-0.20	-0.14	0.04	-0.04	0.03	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.01
ACT1DISP_COS			2.62	0.02	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-16.32	-4.32	-11.68	2.43	-1.49	0.35	0.75	-0.58	-0.31	-0.52	0.33	0.10	0.00	-0.09	0.06	-0.17
ACT1FORCE_SIN			0.00	20.05	-5.28	-3.08	2.62	-0.99	1.10	0.42	0.36	-0.25	-0.43	0.03	0.02	0.08	0.07	0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.16	0.14	0.12	-0.04	0.07	-0.05	-0.01	-0.03	0.01	0.03	-0.01	0.00	0.00	-0.01	-0.03
FA1IBVOLTAGE_SIN			0.00	-0.11	-0.20	0.11	-0.02	0.03	0.05	-0.02	0.00	-0.05	0.02	0.01	0.01	0.00	0.02	-0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.10	0.15	-0.13	-0.11	0.05	-0.07	0.06	0.01	0.03	-0.01	-0.03	0.00	0.00	0.00	0.00	0.03
FA1OBVOLTAGE_SIN			0.00	0.08	0.19	-0.12	0.01	-0.03	-0.05	0.02	0.00	0.05	-0.01	-0.01	-0.01	0.00	-0.02	0.02
MRBLD1CB42P75_COS			82.30	-1772.87	629.99	-106.99	4.38	-97.53	-97.49	-51.61	-2.14	-27.12	-4.56	-5.92	-1.05	-14.70	-7.13	0.43
MRBLD1CB42P75_SIN			0.00	2299.13	138.04	54.62	214.14	-113.89	-23.87	-73.67	32.21	36.10	-115.41	11.48	15.14	11.14	6.84	33.23

RUN	POINT		Harmonics															
	53	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4815.46	-1354.26	409.97	-115.50	112.94	-168.03	-136.84	-30.20	7.37	-16.41	-31.03	-1.40	4.53	-6.54	-5.92	16.77
MRBLD1CB70_SIN			0.00	1684.58	-32.45	123.46	389.67	-189.79	16.48	-24.87	17.21	42.57	-58.32	3.45	6.44	6.53	0.04	40.37
MRBLD1CB120_COS			-192.68	-818.79	331.32	11.39	115.75	-156.42	-113.92	26.20	20.49	3.25	7.01	-0.50	3.57	8.77	4.55	-3.48
MRBLD1CB120_SIN			0.00	1055.06	-55.45	79.57	468.78	-170.20	19.31	-22.00	-40.18	-44.72	67.37	1.52	-1.49	1.62	-3.65	2.50
MRBLD1CB164_COS			-1978.66	-301.77	65.41	71.98	21.90	-84.71	-40.01	35.52	4.41	7.82	24.79	-2.38	-3.93	2.45	-0.23	-10.44
MRBLD1CB164_SIN			0.00	369.36	-22.45	42.33	199.51	-74.19	20.04	17.11	-45.09	-57.19	56.70	9.99	1.25	-0.70	5.82	-25.48
MRBLD1FB42P75_COS			2596.89	381.39	312.39	702.01	-176.72	-36.72	-128.74	-211.12	-59.71	-128.95	10.75	1.57	2.61	10.93	2.95	50.51
MRBLD1FB42P75_SIN			0.00	-521.33	479.79	248.24	425.21	183.53	-30.46	-226.47	-8.57	-67.03	-145.51	16.31	11.86	3.72	-8.98	25.08
MRBLD1FB70_COS			694.45	103.50	94.76	207.90	-53.55	-14.72	-32.40	-28.78	-0.34	-4.29	-1.93	1.22	-0.06	-0.59	0.21	-9.14
MRBLD1FB70_SIN			0.00	-276.60	202.23	42.19	126.99	27.14	-5.38	-33.86	7.28	6.41	1.69	2.18	0.97	0.11	1.53	-6.61
MRBLD1FB87_COS			107.80	116.16	-2.97	114.42	-36.46	-14.71	-3.13	16.50	11.12	24.61	0.95	2.04	0.88	-1.63	-0.35	-10.99
MRBLD1FB87_SIN			0.00	-337.68	138.90	15.62	58.88	3.09	-0.27	18.34	-0.75	13.72	35.65	-2.81	-0.66	1.00	4.27	-2.10
MRBLD1FB120_COS			-275.74	138.23	-114.78	123.58	3.93	-28.12	15.38	37.32	-10.57	-3.41	-3.67	-8.28	-3.61	0.90	0.04	16.38
MRBLD1FB120_SIN			0.00	-464.70	132.80	87.53	27.39	5.31	10.23	54.71	-5.84	-11.62	-15.99	-4.05	-5.68	-5.55	-7.49	2.50
MRBLD1FB164_COS			116.70	177.44	86.52	45.92	132.67	49.91	30.25	-38.56	2.15	7.83	2.19	7.47	3.78	-4.55	-4.02	-7.90
MRBLD1FB164_SIN			0.00	-701.06	292.09	234.99	-38.22	-28.05	-31.27	-80.50	11.43	16.17	24.21	-1.57	2.72	2.18	0.97	-2.05

RUN	POINT		Harmonics															
	53	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			16.02	0.80	133.07	-27.56	89.64	54.85	7.04	-42.30	3.60	36.53	7.09	-4.90	-12.15	-3.16	0.42	20.95
MRBLD1FB180_SIN			0.00	-522.96	210.95	158.98	-53.40	-3.49	-22.53	-77.42	5.87	29.44	70.71	-15.51	-18.38	-10.41	-8.70	4.33
MRBLD1TOR51_COS			-1522.19	242.91	200.15	-54.67	17.67	-16.04	25.20	-48.47	-8.32	-0.07	-1.65	-1.63	-1.67	3.48	2.00	2.56
MRBLD1TOR51_SIN			0.00	-275.52	273.80	109.46	-34.22	28.41	-63.49	-31.79	2.79	4.34	8.43	-0.54	-8.17	-4.22	-0.76	6.58
MRBLD1TOR71_COS			-390.85	261.90	151.58	-63.94	27.30	-4.10	33.42	-40.36	-4.15	3.67	-4.21	-1.59	0.90	2.09	1.39	0.51
MRBLD1TOR71_SIN			0.00	-276.24	235.01	72.85	-58.14	28.63	-52.39	-15.31	4.31	7.96	14.39	-1.36	-7.28	-2.61	0.18	4.76
MRBLD1TOR130_COS			-143.13	240.56	147.88	-83.49	35.30	2.94	25.89	-28.96	0.64	-0.57	7.20	-1.68	2.04	-3.15	-1.44	-2.73
MRBLD1TOR130_SIN			0.00	-239.19	165.11	68.94	-68.40	21.24	-40.19	-21.66	3.67	-2.16	-0.68	2.48	1.19	2.75	1.38	-0.89
MRBLD1TOR164_COS			-348.19	139.65	91.75	-69.29	2.11	-4.40	5.58	-14.36	3.02	5.13	-2.43	-0.14	3.39	-2.73	-0.75	0.08
MRBLD1TOR164_SIN			0.00	-112.30	64.35	5.67	-39.60	17.26	-22.53	-8.74	2.18	5.13	3.20	-4.37	0.62	1.54	-1.84	-0.69
MRFBM1CB26P5_COS			-207.30	-1130.65	289.62	-66.71	-17.93	12.20	14.51	-5.87	-2.57	-2.21	13.64	-0.07	-1.01	-0.28	1.15	-3.47
MRFBM1CB26P5_SIN			0.00	1049.98	186.34	-79.90	-43.93	1.29	-15.16	-18.45	0.71	-6.27	-14.59	1.54	0.80	0.00	0.00	-0.36
MRFBM1FB9_COS			1085.26	-278.49	-316.09	-121.72	45.08	20.03	10.22	-0.17	1.94	2.42	-3.58	0.69	0.68	0.40	-0.27	0.79
MRFBM1FB9_SIN			0.00	-221.66	-284.80	-145.35	-48.90	-7.23	15.32	16.40	2.63	3.97	3.43	0.18	0.15	-0.24	0.17	-2.26
MRFBM1TOR26P5_COS			-64.51	88.52	4.69	-1.18	0.16	-0.23	0.74	-0.17	-0.42	0.00	-0.09	0.11	-0.20	0.15	0.06	0.12
MRFBM1TOR26P5_SIN			0.00	-269.16	4.34	0.96	-1.09	0.05	-1.24	-0.11	0.10	0.02	0.09	0.07	-0.03	-0.11	-0.01	-0.06

RUN	POINT		Harmonics															
	53	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			577.82	-1263.41	581.36	-78.42	-23.38	-52.71	-72.30	-42.46	10.69	-17.74	7.34	-0.94	2.74	-8.71	-0.97	-3.21
MRPC1CB33P25_SIN			0.00	1937.67	92.29	25.97	108.92	-47.60	-23.96	-70.07	16.20	-3.62	-86.30	11.61	10.52	8.89	3.12	28.54
MRPC1FB33P25_COS			1925.54	319.61	122.13	569.25	-227.35	-82.51	-99.01	-75.70	-33.69	-55.41	96.46	-4.31	-3.41	2.42	7.66	5.14
MRPC1FB33P25_SIN			0.00	-246.29	407.87	327.09	326.47	131.90	-62.79	-276.43	-41.36	-118.28	-104.18	13.46	11.44	12.40	-1.82	62.62
MRPC1TOR25P5_COS			-198.89	-166.75	-235.24	95.45	-28.91	21.86	-31.43	48.30	13.49	4.40	10.38	2.10	6.20	-9.12	-3.92	-7.07
MRPC1TOR25P5_SIN			0.00	41.04	-279.30	-108.49	54.35	-33.99	75.47	25.59	-5.56	-8.49	-15.22	3.74	13.38	9.44	3.67	0.84
MRPLK1LOAD_COS			21.47	-25.71	-31.66	11.19	-5.13	4.55	-5.80	6.89	3.60	0.84	1.50	-0.20	1.66	-1.76	-0.79	-1.65
MRPLK1LOAD_SIN			0.00	11.88	-37.82	-17.97	7.10	-4.51	10.48	3.77	-0.55	-0.57	-1.60	-0.50	1.46	1.86	0.41	0.53
PITCHRH_COS			17249.35	-9018.53	-1127.85	451.86	60.97	-708.32	238.83	43.14	-97.61	23.31	18.01	-31.33	39.37	41.28	-54.40	-189.16
PITCHRH_SIN			0.00	373.87	-1825.95	179.63	-182.10	907.89	97.60	213.75	52.19	-31.04	-370.83	51.23	-57.72	50.61	24.54	96.56
ROLLRH_COS			7527.58	-802.86	2261.28	-305.55	254.84	-2653.37	-170.03	117.45	-107.29	132.66	192.84	45.84	33.64	-81.49	97.78	93.63
ROLLRH_SIN			0.00	-9275.01	-1028.42	529.54	-160.11	440.30	-209.83	-69.14	64.33	-156.41	-0.12	-63.54	22.40	-24.18	-24.98	170.61
TORQ_COS			120202.07	-15.89	-147.72	16.54	-131.98	34.09	-0.45	70.18	11.53	-2.28	-28.22	-1.42	2.42	0.15	-4.88	13.25
TORQ_SIN			0.00	1306.42	-49.77	530.02	-172.67	29.16	5.07	84.71	-29.68	0.81	74.38	1.36	-9.18	7.25	-3.91	0.88
THRUST_COS			6926.37	41.24	5.62	73.04	13.89	36.75	9.36	45.06	-0.56	-8.15	-15.00	-5.75	0.48	-2.76	2.23	-23.53
THRUST_SIN			0.00	-367.07	-6.72	37.30	24.47	-86.08	12.15	3.65	2.13	-0.83	56.92	0.24	-9.54	5.22	0.74	-24.04

RUN	POINT		Harmonics															
	53	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-148.49	49.97	-47.03	5.76	38.64	118.71	22.05	-5.65	0.86	-3.97	-4.92	-1.12	-2.09	2.52	-3.44	-2.26
SIDERH_SIN			0.00	236.33	21.22	9.68	68.15	-146.00	-4.87	6.80	-1.77	8.25	-5.55	4.55	-1.11	0.42	1.06	-5.19
DRAGRH_COS			-4.19	248.44	29.99	-4.22	8.94	70.81	-64.75	8.62	-0.10	-0.81	-10.25	4.31	-1.96	-1.34	2.80	8.56
DRAGRH_SIN			0.00	-48.80	5.25	-11.28	-19.96	127.99	-20.78	6.45	-7.33	9.56	15.90	-1.53	6.06	-2.00	-1.43	-6.42

RUN	POINT		Harmonics															
	53	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.86	-0.26	-0.23	0.06	-0.03	-0.01	0.02	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.57	-0.19	-0.07	0.04	-0.05	0.00	0.00	0.00	0.01	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.56	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-2.76	-6.57	-7.14	1.42	-1.24	-0.15	0.71	0.06	-0.02	-0.17	0.28	0.23	-0.16	0.04	-0.06	-0.11
ACT1FORCE_SIN			0.00	18.75	-5.18	-1.07	1.82	-1.38	0.25	0.17	0.28	0.06	-0.37	0.35	0.06	0.09	0.13	-0.02
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.14	0.12	0.07	-0.03	0.07	-0.01	0.01	-0.01	-0.01	0.03	-0.03	0.01	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.12	-0.14	0.06	-0.04	-0.01	0.05	0.01	0.01	-0.03	0.01	0.02	-0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.10	0.14	-0.11	-0.06	0.04	-0.07	0.01	0.00	0.02	0.01	-0.03	0.03	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.09	0.14	-0.08	0.03	0.01	-0.04	-0.01	-0.02	0.02	-0.01	-0.02	0.01	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-1502.86	-3438.76	294.08	26.00	-38.28	-36.17	-74.75	-13.31	14.44	-36.77	-8.22	-3.48	-7.36	-6.92	-2.43	4.79
MRBLD1CB42P75_SIN			0.00	-397.37	-33.08	-20.07	158.52	41.31	-15.50	-46.37	21.89	29.18	-84.97	24.50	20.98	4.66	-1.57	21.40

RUN	POINT		Harmonics															
	53	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4041.86	-2343.35	147.20	31.22	23.61	-92.38	-104.01	-1.15	5.27	-23.08	-37.85	-1.24	-2.93	-2.57	-3.27	11.88
MRBLD1CB70_SIN			0.00	-290.07	-154.08	33.77	145.19	24.85	1.91	-28.76	9.74	35.11	-29.13	13.70	14.72	2.67	-1.33	26.69
MRBLD1CB120_COS			-443.31	-1128.19	76.83	133.39	53.97	-123.98	-113.54	13.05	-13.99	17.14	13.01	-0.78	3.10	5.13	1.92	-1.48
MRBLD1CB120_SIN			0.00	130.52	-186.53	37.63	202.57	19.86	-8.83	-33.36	-42.21	-24.27	42.04	-8.52	-6.31	-1.27	-0.48	2.64
MRBLD1CB164_COS			-1947.43	-320.11	2.83	118.47	6.13	-75.67	-41.43	8.54	-10.64	23.08	39.32	0.80	2.65	1.61	1.01	-6.24
MRBLD1CB164_SIN			0.00	109.90	-78.14	22.00	105.29	-15.96	-11.61	1.47	-40.25	-34.34	28.99	-3.78	-4.07	-0.32	4.38	-17.06
MRBLD1FB42P75_COS			2282.28	898.22	122.75	847.44	42.73	-30.62	-135.99	-142.48	-61.81	-90.08	16.51	5.51	-1.09	-1.38	-2.91	35.88
MRBLD1FB42P75_SIN			0.00	131.71	509.75	-13.79	492.30	247.92	53.95	-164.51	-9.50	-44.75	-166.19	27.50	5.67	-2.99	-14.55	10.52
MRBLD1FB70_COS			534.71	101.12	61.87	271.62	4.63	-3.04	-25.70	-14.07	1.35	-1.04	-0.70	2.24	1.16	0.89	0.69	-7.05
MRBLD1FB70_SIN			0.00	-244.90	188.12	-42.42	139.09	50.74	9.22	-24.25	5.30	6.94	2.82	1.49	1.75	1.46	3.44	-2.98
MRBLD1FB87_COS			77.55	126.12	16.35	150.51	-9.87	-11.18	-0.03	10.69	9.15	17.66	-1.63	-0.72	0.43	0.06	0.22	-8.49
MRBLD1FB87_SIN			0.00	-279.50	129.61	-21.86	61.60	8.32	-5.63	12.72	-1.04	8.96	38.95	-6.01	0.45	3.00	5.41	0.64
MRBLD1FB120_COS			-254.34	165.64	-48.48	144.20	-8.16	-34.59	12.09	12.58	-9.69	-5.47	-3.94	-5.30	-2.56	-1.63	0.09	13.23
MRBLD1FB120_SIN			0.00	-384.48	149.02	33.22	29.80	-17.86	-6.65	38.02	-6.46	-10.58	-17.44	-1.63	-5.91	-7.36	-8.80	-0.49
MRBLD1FB164_COS			-163.13	234.98	104.19	90.76	67.06	45.69	25.62	-7.08	10.84	3.19	-1.39	4.45	0.08	-3.66	-2.66	-6.07
MRBLD1FB164_SIN			0.00	-625.30	321.35	135.14	-106.93	-47.64	-0.72	-56.00	11.58	17.57	25.37	-3.62	3.82	3.38	2.41	-0.58

RUN	POINT		Harmonics															
	53	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-240.78	87.37	116.30	13.78	41.92	56.71	11.14	-17.10	7.90	21.95	-7.28	-13.26	-12.39	-4.32	1.43	17.20
MRBLD1FB180_SIN			0.00	-466.95	212.50	97.16	-91.89	-22.32	13.44	-47.53	4.24	21.45	73.61	-18.16	-15.51	-13.06	-12.83	-1.89
MRBLD1TOR51_COS			-1683.19	192.24	132.47	-3.65	22.16	-16.94	15.45	-21.96	-4.98	0.66	-5.81	-2.28	-2.97	2.59	3.46	2.68
MRBLD1TOR51_SIN			0.00	-377.81	234.64	49.46	-20.65	47.02	-44.19	-24.98	0.15	1.47	8.81	-1.75	-6.20	-6.49	-2.49	3.23
MRBLD1TOR71_COS			-498.81	233.46	111.34	-26.32	27.22	-7.16	22.69	-17.99	-1.33	3.83	-7.01	-2.35	-1.12	2.61	3.18	1.89
MRBLD1TOR71_SIN			0.00	-332.73	203.45	32.50	-39.92	37.72	-36.80	-14.00	1.70	3.81	13.88	-3.35	-5.32	-3.58	-0.62	2.27
MRBLD1TOR130_COS			-252.44	209.81	125.13	-60.79	30.60	0.45	14.88	-11.27	1.30	1.39	9.24	-4.15	0.40	-1.24	-1.27	-1.72
MRBLD1TOR130_SIN			0.00	-317.50	149.36	40.03	-53.95	27.53	-27.13	-18.57	2.90	-0.53	0.81	2.60	2.13	4.07	2.51	-0.44
MRBLD1TOR164_COS			-373.02	103.92	87.41	-64.37	6.31	-0.96	-3.25	-7.40	3.08	3.29	-1.54	-1.94	2.37	-1.29	-0.51	0.53
MRBLD1TOR164_SIN			0.00	-193.56	49.62	7.06	-22.76	26.62	-12.90	-10.48	1.15	2.82	3.77	-3.24	0.47	2.68	-0.65	0.20
MRFBM1CB26P5_COS			-1645.64	-1965.52	170.18	-90.36	-10.85	10.07	7.35	-3.18	1.67	-2.26	14.67	-0.09	0.19	-0.23	1.47	-1.11
MRFBM1CB26P5_SIN			0.00	-726.61	70.80	-38.10	9.29	2.50	-9.38	-5.46	2.68	-5.43	-14.85	1.76	-0.08	-0.18	-0.77	0.20
MRFBM1FB9_COS			-64.21	1162.15	-177.64	-185.83	18.26	22.51	11.67	-0.64	1.52	2.10	-3.92	0.88	0.30	0.19	-0.44	0.32
MRFBM1FB9_SIN			0.00	436.75	-272.34	-85.95	-66.70	-17.10	10.09	13.17	2.34	2.55	2.75	-0.12	-0.08	0.19	0.31	-1.49
MRFBM1TOR26P5_COS			-146.61	82.70	4.27	-0.90	0.93	-0.48	0.67	0.05	-0.24	0.00	-0.26	0.18	-0.08	0.06	0.02	0.03
MRFBM1TOR26P5_SIN			0.00	-264.59	4.79	-1.01	-1.11	0.42	-0.99	0.18	0.08	0.02	0.11	0.06	-0.08	-0.18	-0.06	-0.04

RUN	POINT		Harmonics															
	53	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-479.07	-2744.29	231.77	22.43	-59.61	-9.88	-61.66	-18.57	15.22	-21.32	8.25	2.03	-3.58	-4.50	0.32	2.44
MRPC1CB33P25_SIN			0.00	76.68	-40.94	-36.76	159.52	25.42	-15.56	-43.30	3.09	2.53	-73.98	18.40	12.76	3.64	-2.51	19.95
MRPC1FB33P25_COS			1673.84	725.19	-70.46	729.45	-58.99	-94.69	-134.42	-47.36	-37.70	-40.21	111.66	-10.29	-0.24	1.84	10.78	9.93
MRPC1FB33P25_SIN			0.00	358.97	412.40	116.83	426.03	191.89	1.47	-201.29	-43.09	-84.20	-116.18	23.91	4.84	0.42	-8.77	43.47
MRPC1TOR25P5_COS			-176.96	-146.47	-199.53	50.51	-13.65	22.42	-25.80	23.03	6.89	2.39	18.77	0.09	6.03	-3.19	-3.33	-3.02
MRPC1TOR25P5_SIN			0.00	156.17	-242.71	-73.10	41.44	-36.54	54.59	17.54	-2.27	-5.98	-15.84	5.23	10.89	13.80	6.80	2.71
MRPLK1LOAD_COS			21.03	-23.08	-21.80	5.23	-5.81	4.29	-3.85	3.39	2.24	0.36	2.77	-0.84	1.06	-0.46	-0.41	-0.73
MRPLK1LOAD_SIN			0.00	19.10	-33.58	-8.68	4.51	-6.51	7.68	2.12	-0.33	-0.31	-1.61	-0.09	1.47	2.51	1.01	0.45
PITCHRH_COS			-4998.19	-9097.19	-643.22	507.96	-18.51	272.45	268.33	-64.43	-211.96	-45.27	-15.79	-9.41	26.53	54.49	-34.34	-158.95
PITCHRH_SIN			0.00	927.05	-2165.32	52.29	-135.10	1892.99	63.00	24.49	264.44	-11.66	-156.76	26.00	-22.65	48.03	17.54	88.20
ROLLRH_COS			-4657.84	-1116.44	2756.78	-38.92	-187.43	-2963.68	-92.03	62.45	-324.45	100.86	117.76	19.19	57.91	-51.89	39.29	52.68
ROLLRH_SIN			0.00	-9126.39	-683.60	626.28	-157.11	852.20	-128.91	-44.86	-101.13	-93.26	-22.07	-13.73	36.36	-3.42	-38.28	137.88
TORQ_COS			87047.20	70.02	-0.25	107.66	-44.80	-95.99	7.35	33.86	-19.97	-1.83	-28.73	-3.11	1.07	-2.28	-3.42	6.09
TORQ_SIN			0.00	1184.31	-66.71	478.89	-59.51	-94.78	4.31	-10.57	-25.22	-3.97	69.30	4.58	-4.36	4.40	-3.06	-1.14
THRUST_COS			4249.84	15.12	42.43	92.28	-4.17	53.46	5.77	13.33	1.57	-4.34	-27.85	-4.41	-2.72	-2.08	4.18	-17.22
THRUST_SIN			0.00	-319.89	-44.17	27.27	21.33	-117.81	9.93	-13.97	7.15	-0.88	60.35	-3.32	-3.72	3.90	2.09	-22.94

RUN	POINT		Harmonics															
	53	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-146.07	55.21	-79.58	18.52	73.96	125.20	11.01	-0.58	6.49	-3.10	-3.04	-0.93	-2.64	1.36	-1.37	-1.32
SIDERH_SIN			0.00	233.44	14.51	20.72	-0.04	-171.28	-5.52	5.10	0.94	5.49	-4.15	1.87	-0.65	0.02	1.12	-4.13
DRAGRH_COS			-227.49	241.05	33.40	-6.63	-7.07	-137.77	-40.12	4.61	-2.85	0.88	-0.20	2.13	-1.04	-1.98	1.38	8.19
DRAGRH_SIN			0.00	-50.12	11.09	-9.24	-6.63	132.99	0.64	-5.17	-13.86	5.72	3.83	0.13	1.56	-0.43	-0.05	-7.25

RUN	POINT		Harmonics															
	53	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.58	-0.21	-0.28	0.07	-0.02	0.00	0.02	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.56	-0.17	-0.10	0.02	-0.03	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.31	-4.91	-9.18	1.52	-1.14	0.20	0.76	-0.21	-0.39	-0.28	0.13	0.19	-0.19	-0.03	-0.01	-0.19
ACT1FORCE_SIN			0.00	18.98	-4.69	-1.78	1.72	-0.73	0.51	0.67	0.36	0.01	-0.36	0.05	0.13	-0.06	0.18	-0.15
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.15	0.11	0.09	-0.01	0.05	-0.02	-0.02	-0.01	0.00	0.03	-0.01	-0.01	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.11	-0.17	0.06	-0.02	0.01	0.05	0.00	0.00	-0.03	0.00	0.03	-0.01	0.02	0.01	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.10	0.14	-0.11	-0.08	0.02	-0.05	0.02	0.02	0.02	0.00	-0.03	0.01	0.00	-0.02	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.08	0.16	-0.08	0.01	-0.02	-0.04	0.00	0.01	0.03	0.00	-0.03	0.02	-0.02	-0.01	0.01
MRBLD1CB42P75_COS			-795.01	-1970.77	465.05	-70.75	-10.61	-60.62	-83.70	-4.63	18.95	-26.62	-11.86	5.63	-6.74	-6.76	-5.39	2.69
MRBLD1CB42P75_SIN			0.00	815.31	107.92	16.13	203.74	-60.11	-11.69	-83.68	36.36	34.63	-81.00	16.38	12.34	9.12	0.02	30.96

RUN	POINT		Harmonics															
	53	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4383.67	-1415.36	289.04	-84.02	86.66	-110.51	-97.33	2.41	14.72	-16.43	-31.73	5.99	-3.43	-2.92	-8.89	17.37
MRBLD1CB70_SIN			0.00	644.41	-50.75	77.06	316.66	-112.01	34.57	-51.93	18.46	38.36	-32.28	8.54	7.68	3.89	-1.46	38.27
MRBLD1CB120_COS			-328.71	-800.28	216.49	38.38	113.39	-115.80	-78.21	29.60	-7.62	3.95	11.89	-7.72	4.22	4.81	3.88	-2.91
MRBLD1CB120_SIN			0.00	568.41	-100.87	60.59	369.31	-91.87	42.69	-55.80	-48.41	-37.61	44.79	-1.99	-0.78	-0.59	-1.06	3.65
MRBLD1CB164_COS			-1963.29	-267.97	36.58	78.66	28.01	-66.19	-26.68	18.15	-12.43	9.18	27.68	-6.17	2.53	0.47	3.51	-10.32
MRBLD1CB164_SIN			0.00	229.90	-43.47	36.21	163.72	-44.01	20.17	3.01	-51.42	-48.43	35.07	1.68	1.55	-0.18	5.62	-25.52
MRBLD1FB42P75_COS			2470.85	478.56	193.39	761.38	-28.33	-55.40	-126.94	-140.12	-72.48	-110.53	-11.23	8.79	-2.34	6.71	-1.20	51.00
MRBLD1FB42P75_SIN			0.00	-183.36	421.87	170.25	393.16	206.04	26.19	-274.07	-7.71	-46.74	-125.00	18.08	5.22	-3.52	-17.32	25.31
MRBLD1FB70_COS			613.39	99.89	73.48	226.00	-11.55	-16.58	-28.05	-15.91	-1.04	-2.51	-1.17	1.16	0.41	-0.38	0.29	-9.73
MRBLD1FB70_SIN			0.00	-269.69	183.99	20.55	114.88	36.21	5.72	-43.54	6.00	6.73	3.06	1.97	1.55	1.29	3.58	-6.02
MRBLD1FB87_COS			88.47	116.07	3.13	121.38	-16.84	-15.32	-1.62	10.45	11.45	21.58	5.41	-0.61	2.17	-0.85	0.90	-10.73
MRBLD1FB87_SIN			0.00	-312.95	130.90	9.13	51.10	6.94	-2.96	22.36	-1.24	9.05	29.76	-3.32	0.57	2.74	5.98	-2.26
MRBLD1FB120_COS			-272.95	149.66	-88.99	121.36	-5.43	-25.93	13.61	16.40	-7.38	-4.99	-6.22	-6.03	-4.07	-0.26	-1.12	16.62
MRBLD1FB120_SIN			0.00	-421.43	136.97	75.35	31.64	0.58	-1.10	68.86	-5.54	-9.95	-14.43	-2.56	-5.57	-7.27	-10.01	2.87
MRBLD1FB164_COS			-18.86	189.74	85.36	70.22	75.20	63.02	25.63	-8.94	4.48	6.05	5.09	4.98	3.35	-3.90	-2.42	-8.08
MRBLD1FB164_SIN			0.00	-653.59	284.70	200.52	-45.65	-35.24	-14.87	-99.41	11.01	15.44	20.59	-2.43	2.99	2.83	2.44	-2.05

RUN	POINT		Harmonics															
	53	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-107.55	31.31	118.14	-1.20	51.81	63.30	10.04	-17.99	5.22	32.15	11.00	-11.52	-10.83	-5.56	-0.44	20.10
MRBLD1FB180_SIN			0.00	-486.94	197.69	133.48	-54.29	-12.91	-1.96	-90.29	3.64	22.77	59.26	-15.79	-13.70	-11.45	-12.55	4.22
MRBLD1TOR51_COS			-1595.73	212.97	165.60	-20.74	19.02	-17.34	11.87	-28.50	-8.70	2.19	-0.65	-1.79	-1.80	1.70	3.06	1.47
MRBLD1TOR51_SIN			0.00	-324.66	232.05	89.35	-20.27	20.94	-45.22	-45.00	3.02	1.14	8.42	-2.49	-5.41	-6.07	-2.32	5.69
MRBLD1TOR71_COS			-441.07	236.30	130.17	-36.19	23.36	-6.29	20.59	-26.50	-4.32	5.61	-1.08	-2.95	0.22	1.23	2.63	0.39
MRBLD1TOR71_SIN			0.00	-300.58	200.38	59.74	-41.80	18.55	-38.52	-27.47	4.42	4.13	13.05	-3.39	-4.13	-3.80	-0.19	3.58
MRBLD1TOR130_COS			-195.33	216.55	133.92	-61.29	26.22	1.43	15.70	-17.97	-0.22	0.95	7.85	-3.54	0.89	-1.83	-1.31	-1.96
MRBLD1TOR130_SIN			0.00	-274.57	142.73	57.18	-51.55	12.25	-29.38	-30.94	3.75	-2.13	-0.16	2.46	2.52	3.54	2.75	-1.25
MRBLD1TOR164_COS			-360.70	118.24	89.86	-59.22	5.22	-6.19	0.26	-12.81	3.90	4.51	-0.16	-2.21	2.25	-1.37	-0.64	0.63
MRBLD1TOR164_SIN			0.00	-151.12	51.11	4.88	-26.93	13.28	-15.08	-13.24	1.47	3.80	2.46	-3.32	0.71	2.25	-0.96	0.29
MRFBM1CB26P5_COS			-958.89	-1033.04	217.98	-65.39	-21.69	10.86	6.06	-2.58	1.06	-1.82	10.41	0.20	-0.07	0.23	2.54	-3.05
MRFBM1CB26P5_SIN			0.00	218.54	135.22	-59.96	-21.67	0.91	-16.51	-11.59	4.10	-5.08	-13.72	1.47	-0.15	0.02	-0.77	-0.16
MRFBM1FB9_COS			552.05	85.55	-237.57	-145.11	24.25	23.28	12.31	-4.89	2.20	2.28	-2.23	0.47	0.47	0.07	-0.46	0.80
MRFBM1FB9_SIN			0.00	83.38	-246.39	-130.10	-52.85	-9.72	9.98	16.27	2.94	3.02	3.15	-0.25	0.23	-0.09	0.30	-2.21
MRFBM1TOR26P5_COS			-110.72	84.23	4.21	-0.87	0.28	-0.43	0.50	0.09	-0.34	-0.01	-0.19	0.22	-0.10	0.06	0.03	0.07
MRFBM1TOR26P5_SIN			0.00	-243.82	3.80	0.62	-0.99	-0.17	-0.84	-0.04	0.05	-0.01	0.12	0.03	-0.08	-0.14	-0.09	-0.04

RUN	POINT		Harmonics															
	53	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			0.64	-1604.29	408.83	-53.36	-42.61	-30.82	-67.62	-7.26	19.85	-17.52	4.13	4.46	-2.55	-3.24	-0.15	-0.48
MRPC1CB33P25_SIN			0.00	810.75	85.67	-12.91	122.54	-18.65	-19.36	-77.44	16.23	1.70	-67.12	12.46	7.61	7.64	-2.53	27.63
MRPC1FB33P25_COS			1824.30	384.26	23.26	628.17	-99.25	-101.82	-115.18	-1.95	-44.85	-53.09	68.16	-0.28	-2.40	6.67	13.83	5.62
MRPC1FB33P25_SIN			0.00	51.39	345.56	270.18	331.27	147.44	-17.15	-285.65	-47.00	-95.24	-101.87	19.16	3.06	4.90	-9.43	63.66
MRPC1TOR25P5_COS			-212.41	-143.46	-199.69	62.90	-26.92	24.36	-15.82	29.82	13.49	1.48	9.74	0.83	4.59	-3.84	-3.69	-3.77
MRPC1TOR25P5_SIN			0.00	108.73	-238.49	-87.64	39.34	-23.04	55.33	37.76	-5.33	-4.42	-15.23	6.29	10.95	12.00	6.79	1.07
MRPLK1LOAD_COS			19.03	-21.78	-26.64	6.62	-5.16	4.77	-3.34	4.10	3.35	0.42	1.78	-0.85	1.06	-0.61	-0.63	-1.06
MRPLK1LOAD_SIN			0.00	20.28	-32.46	-14.96	4.84	-2.95	7.46	5.20	-0.60	-0.08	-1.62	0.12	1.59	2.21	1.16	0.32
PITCHRH_COS			11580.91	-8977.29	-955.87	488.80	36.89	-335.49	308.79	-35.26	-15.77	-82.45	-2.12	3.24	43.25	58.85	-15.58	-167.55
PITCHRH_SIN			0.00	542.33	-2008.83	104.61	-121.16	1144.60	96.25	165.82	145.28	-13.01	-290.20	31.07	-25.13	47.67	43.13	139.67
ROLLRH_COS			1356.71	-880.08	2629.48	-182.57	106.35	-2511.37	-221.32	85.84	-78.51	121.24	160.88	11.81	54.32	-40.32	45.10	61.40
ROLLRH_SIN			0.00	-9026.37	-789.95	630.19	-168.21	860.39	-105.22	-106.43	101.47	-170.92	-41.59	-16.86	31.22	-17.98	-62.96	160.25
TORQ_COS			102722.32	-42.28	-109.59	83.38	-121.23	-19.25	2.32	38.26	-14.06	-2.87	-23.85	-0.82	3.01	-1.65	-5.83	10.41
TORQ_SIN			0.00	1241.05	-102.27	457.52	-158.84	9.41	3.59	41.94	-37.38	-5.31	64.41	1.69	-6.24	3.37	-1.67	0.47
THRUST_COS			5723.40	40.37	15.03	81.66	4.12	48.00	7.08	29.27	2.83	-2.78	-11.62	-7.13	0.77	-3.31	7.39	-22.85
THRUST_SIN			0.00	-348.54	-23.90	26.34	22.69	-95.61	10.22	4.72	6.43	0.54	53.11	-1.75	-1.06	3.82	4.33	-26.41

RUN	POINT		Harmonics															
	53	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-150.87	49.97	-74.95	11.65	45.98	87.04	20.38	-3.31	-0.26	-3.54	-5.52	-0.40	-2.91	1.16	-1.69	-1.41
SIDERH_SIN			0.00	230.85	14.58	10.48	43.54	-155.68	-6.34	4.73	-2.31	8.49	-3.92	2.61	-0.83	0.46	1.88	-4.54
DRAGRH_COS			-68.03	244.14	42.81	-5.98	5.37	43.94	-59.50	2.04	-5.82	2.64	-6.89	1.87	-2.69	-2.22	1.69	8.39
DRAGRH_SIN			0.00	-45.76	1.74	-10.65	-15.92	95.45	-9.82	4.45	-10.11	8.16	13.33	-1.54	4.60	-0.97	-1.30	-9.22

RUN	POINT		Harmonics															
	53	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.66	-0.23	-0.28	0.09	-0.02	0.00	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.56	-0.20	-0.10	0.03	-0.03	0.00	0.02	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.58	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.27	-5.78	-9.13	1.98	-1.14	0.09	0.72	-0.21	-0.35	-0.33	0.14	0.24	-0.21	0.06	-0.07	-0.09
ACT1FORCE_SIN			0.00	18.82	-5.53	-1.75	1.85	-0.90	0.38	0.69	0.20	0.02	-0.46	0.15	0.09	-0.04	0.13	-0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.15	0.13	0.09	-0.03	0.05	-0.01	-0.03	-0.01	-0.01	0.04	-0.02	0.00	0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.11	-0.16	0.09	-0.02	0.01	0.05	0.00	-0.01	-0.03	0.00	0.03	-0.02	0.02	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.15	-0.13	-0.08	0.03	-0.05	0.02	0.03	0.01	0.01	-0.04	0.02	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.08	0.16	-0.10	0.01	-0.02	-0.04	0.00	0.01	0.03	0.00	-0.03	0.02	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-794.29	-3209.31	379.43	-68.36	-37.79	-34.53	-84.83	0.26	24.85	-27.82	-27.56	8.82	-2.95	-7.58	-3.51	2.16
MRBLD1CB42P75_SIN			0.00	405.95	37.72	2.31	206.23	-4.86	-14.77	-73.98	32.48	20.06	-79.40	31.20	16.87	7.87	-4.95	24.87

RUN	POINT		Harmonics															
	53	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4403.78	-2232.12	207.35	-62.28	34.54	-82.61	-101.06	-1.92	15.31	-17.10	-51.79	8.40	0.69	-4.71	-5.04	12.54
MRBLD1CB70_SIN			0.00	314.17	-105.65	65.45	263.99	-41.08	25.69	-54.01	17.51	25.24	-28.90	18.14	11.48	2.51	-5.74	29.88
MRBLD1CB120_COS			-323.92	-1114.46	143.49	64.63	84.03	-105.76	-96.52	10.50	-15.37	11.58	21.01	-6.80	2.03	3.74	2.60	-2.48
MRBLD1CB120_SIN			0.00	418.88	-137.53	61.57	319.54	-39.44	30.73	-64.48	-47.85	-21.21	41.84	-9.60	-2.91	-1.06	-0.50	2.90
MRBLD1CB164_COS			-1949.29	-330.00	12.25	93.49	18.52	-67.77	-34.22	8.00	-17.86	14.76	46.24	-6.26	-0.63	1.60	-0.12	-7.74
MRBLD1CB164_SIN			0.00	189.01	-59.45	34.75	145.81	-29.58	11.29	-4.55	-50.11	-30.16	32.27	-5.90	-1.72	0.59	8.10	-19.64
MRBLD1FB42P75_COS			2392.79	795.23	215.45	794.98	68.63	-40.87	-147.41	-154.15	-78.34	-88.34	7.28	16.82	-3.59	6.48	-6.75	40.28
MRBLD1FB42P75_SIN			0.00	-111.76	512.21	101.08	459.33	228.52	38.42	-251.10	-4.97	-41.48	-148.20	26.03	7.73	-0.80	-21.23	15.97
MRBLD1FB70_COS			598.91	100.83	76.24	243.58	12.98	-8.88	-30.88	-17.60	-1.61	-1.92	-2.06	1.18	0.72	-0.20	1.47	-7.93
MRBLD1FB70_SIN			0.00	-266.02	194.42	-4.32	133.58	43.28	7.67	-39.55	6.32	6.52	3.59	1.66	1.61	0.97	4.92	-4.17
MRBLD1FB87_COS			89.83	126.82	10.14	134.76	-6.46	-12.40	0.17	11.73	11.78	18.18	1.93	-2.77	1.81	-0.82	1.79	-8.52
MRBLD1FB87_SIN			0.00	-304.93	131.15	-4.85	57.34	6.52	-4.30	20.38	-2.44	8.13	33.88	-5.90	-0.16	2.04	6.41	-0.94
MRBLD1FB120_COS			-267.30	160.46	-71.03	133.58	-12.95	-31.27	15.71	17.95	-6.08	-6.17	-4.34	-4.75	-3.75	-0.93	-2.53	13.04
MRBLD1FB120_SIN			0.00	-413.51	136.51	54.42	27.82	-8.04	-4.17	62.48	-6.87	-10.00	-15.41	-1.33	-5.46	-6.78	-11.30	0.57
MRBLD1FB164_COS			-56.49	213.57	118.48	71.38	51.65	47.41	18.67	-11.88	2.84	5.88	1.51	2.85	2.27	-3.99	-1.27	-6.19
MRBLD1FB164_SIN			0.00	-647.78	304.94	176.57	-84.29	-43.65	-5.39	-90.10	12.23	16.73	22.58	-3.19	3.05	2.65	3.42	-0.98

RUN	POINT		Harmonics															
	53	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-141.27	54.86	135.73	-2.76	37.90	53.96	4.72	-20.96	5.32	26.62	2.21	-16.32	-11.47	-5.82	-2.63	16.14
MRBLD1FB180_SIN			0.00	-481.91	209.87	123.10	-77.53	-19.53	6.05	-79.51	3.84	22.27	66.95	-18.00	-13.49	-11.70	-14.97	0.50
MRBLD1TOR51_COS			-1618.35	209.00	156.99	-24.42	21.00	-18.53	13.30	-23.70	-10.03	2.07	-4.71	-1.03	-2.28	2.37	2.69	2.19
MRBLD1TOR51_SIN			0.00	-339.15	252.02	73.66	-17.84	37.77	-44.30	-40.46	1.01	0.81	8.18	-3.18	-4.98	-6.07	-2.20	3.00
MRBLD1TOR71_COS			-459.42	247.49	126.27	-40.95	24.80	-8.61	22.52	-21.08	-5.34	4.69	-5.28	-1.96	-0.35	1.75	2.33	1.08
MRBLD1TOR71_SIN			0.00	-307.65	216.78	49.22	-40.71	31.16	-37.13	-24.07	2.34	4.05	12.63	-4.63	-4.33	-3.59	-0.51	2.11
MRBLD1TOR130_COS			-212.19	222.49	134.22	-69.19	25.69	-1.05	16.60	-13.59	-1.52	1.02	7.67	-2.85	0.88	-2.04	-1.18	-1.95
MRBLD1TOR130_SIN			0.00	-283.65	156.63	52.12	-54.86	22.07	-27.15	-28.85	2.78	-0.27	-1.13	3.28	1.54	3.82	1.78	0.03
MRBLD1TOR164_COS			-364.09	116.60	86.49	-65.69	6.34	-4.46	0.20	-10.00	4.20	3.22	-1.22	-2.26	2.25	-2.10	-0.06	0.23
MRBLD1TOR164_SIN			0.00	-159.93	55.93	6.70	-23.82	20.63	-13.41	-13.11	1.26	3.83	2.75	-2.76	-0.01	2.10	-2.04	0.89
MRFBM1CB26P5_COS			-971.57	-1859.62	207.17	-87.21	-21.08	8.62	6.71	1.77	1.56	-1.42	13.65	0.01	-0.54	0.24	1.72	-2.09
MRFBM1CB26P5_SIN			0.00	-188.47	115.99	-48.28	-10.01	6.85	-14.64	-7.91	3.48	-4.70	-14.20	1.87	-0.17	0.31	-0.98	0.02
MRFBM1FB9_COS			399.75	816.71	-241.62	-159.82	13.73	22.63	14.01	-3.39	2.52	1.87	-3.06	0.73	0.48	0.23	-0.55	0.49
MRFBM1FB9_SIN			0.00	201.56	-279.23	-115.58	-63.98	-13.19	10.64	16.39	3.18	2.81	2.91	-0.51	0.29	-0.07	0.49	-1.67
MRFBM1TOR26P5_COS			-108.45	84.97	5.91	-1.34	0.22	-0.22	0.37	0.07	-0.27	-0.03	-0.22	0.18	-0.09	0.08	0.02	0.05
MRFBM1TOR26P5_SIN			0.00	-282.29	4.22	-0.32	-0.86	0.24	-1.04	0.06	0.10	-0.05	0.17	-0.01	0.00	-0.17	-0.03	-0.07

RUN	POINT		Harmonics															
	53	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-20.17	-2521.28	316.48	-61.26	-49.59	-14.05	-74.60	-4.56	24.69	-17.10	-1.29	8.37	-0.31	-4.14	0.29	-0.41
MRPC1CB33P25_SIN			0.00	621.71	22.91	-25.87	159.39	4.37	-18.68	-66.15	9.34	-3.02	-66.28	22.18	10.42	5.71	-6.53	22.58
MRPC1FB33P25_COS			1759.41	647.19	20.07	666.05	-34.55	-98.58	-135.42	-21.98	-50.31	-38.92	94.88	-0.64	-3.95	3.80	13.53	7.79
MRPC1FB33P25_SIN			0.00	128.20	429.17	213.86	406.79	171.00	-13.60	-274.16	-46.55	-80.22	-108.27	30.37	4.41	6.67	-17.54	48.90
MRPC1TOR25P5_COS			-181.89	-157.62	-194.89	69.67	-24.89	23.48	-19.50	25.59	15.01	0.72	14.48	1.09	5.10	-5.35	-2.63	-3.60
MRPC1TOR25P5_SIN			0.00	66.62	-259.96	-76.24	40.22	-36.77	53.69	31.41	-2.98	-2.51	-16.97	8.84	9.54	12.43	3.87	3.96
MRPLK1LOAD_COS			23.30	-25.04	-25.33	7.76	-5.34	4.49	-3.44	3.65	3.32	0.22	2.34	-0.68	1.14	-0.91	-0.45	-0.89
MRPLK1LOAD_SIN			0.00	12.75	-35.33	-12.73	4.48	-5.50	7.58	4.47	-0.45	0.27	-1.96	0.53	1.09	2.36	0.39	0.90
PITCHRH_COS			124.36	-8990.30	-738.24	494.38	13.28	146.67	271.81	-69.08	-56.50	-47.79	49.83	20.01	27.58	76.84	-19.82	-155.06
PITCHRH_SIN			0.00	731.06	-1933.58	96.10	-153.22	1484.33	59.30	133.75	182.29	-9.81	-243.72	52.78	-4.07	2.10	45.87	106.72
ROLLRH_COS			-582.47	-1104.25	2448.20	-94.15	6.48	-2886.15	-162.08	138.51	-180.96	100.20	174.25	0.80	35.10	-86.05	23.84	107.16
ROLLRH_SIN			0.00	-9106.24	-638.89	601.22	-102.08	1253.43	-54.47	-93.23	89.72	-184.35	5.14	-12.66	18.53	-20.15	-51.06	147.34
TORQ_COS			102612.04	9.88	-26.99	87.41	-81.56	-94.90	8.49	10.82	-22.02	-0.43	-30.88	-1.61	2.59	-2.49	-3.15	8.62
TORQ_SIN			0.00	1282.57	-115.94	484.59	-128.96	-82.40	2.69	16.55	-32.92	-5.70	65.97	2.24	-6.64	4.03	-1.43	-1.31
THRUST_COS			5310.31	17.01	24.48	83.75	3.87	42.80	6.06	17.48	5.70	-7.02	-26.82	-4.27	-1.65	-1.38	6.04	-21.56
THRUST_SIN			0.00	-329.20	-25.46	26.56	20.31	-110.43	12.27	2.66	5.62	1.55	54.41	-1.58	-2.25	7.28	0.21	-22.14

RUN	POINT		Harmonics															
	53	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-150.39	52.69	-69.73	16.35	48.76	93.57	16.06	-2.35	1.67	-2.18	-5.25	0.16	-2.02	2.53	-0.95	-2.84
SIDERH_SIN			0.00	230.33	4.05	15.13	26.41	-186.67	-13.95	5.96	-1.99	8.94	-5.03	1.87	-0.61	0.51	1.87	-4.37
DRAGRH_COS			-212.08	241.52	32.56	-5.82	5.82	-20.72	-67.04	6.64	-4.14	3.49	-7.82	0.74	-1.97	-1.66	1.27	7.83
DRAGRH_SIN			0.00	-44.08	14.14	-10.05	-8.89	149.38	-0.92	-4.23	-11.72	8.42	7.49	-1.68	2.87	0.33	-2.35	-7.64

RUN	POINT		Harmonics															
	53	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.77	-0.26	-0.25	0.08	-0.03	0.00	0.02	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.55	-0.21	-0.08	0.03	-0.04	0.01	0.01	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.57	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-5.75	-6.68	-8.16	1.75	-1.32	0.03	0.67	-0.27	-0.13	-0.35	0.25	0.05	-0.17	0.01	-0.06	-0.09
ACT1FORCE_SIN			0.00	18.28	-5.76	-1.26	1.52	-1.01	0.48	0.28	0.23	0.00	-0.22	0.24	0.02	-0.03	0.09	-0.07
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.14	0.13	0.07	-0.02	0.06	-0.02	-0.01	-0.02	0.00	0.02	-0.02	0.01	0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.12	-0.15	0.08	-0.03	0.01	0.05	0.00	0.01	-0.03	0.01	0.01	-0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.10	0.14	-0.13	-0.06	0.03	-0.05	0.02	0.01	0.02	0.00	-0.02	0.02	0.00	-0.01	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.09	0.15	-0.09	0.02	-0.02	-0.04	0.01	-0.01	0.03	-0.01	-0.01	0.02	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-856.33	-4450.85	287.01	-67.49	-40.59	-27.14	-74.20	17.89	11.95	-35.86	-19.02	2.33	-3.97	-7.48	-2.87	1.52
MRBLD1CB42P75_SIN			0.00	61.21	-115.04	-19.62	200.42	4.66	-25.77	-19.10	30.19	17.12	-76.77	33.42	22.97	5.12	-8.51	17.71

RUN	POINT		Harmonics															
	53	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4364.31	-3069.34	133.89	-49.65	24.47	-70.83	-100.64	21.09	6.95	-24.39	-39.08	3.78	1.42	-3.21	-2.48	6.49
MRBLD1CB70_SIN			0.00	-9.42	-215.33	55.23	209.69	-15.91	5.31	-11.42	17.00	22.18	-32.74	21.15	18.57	3.46	-6.53	21.74
MRBLD1CB120_COS			-355.48	-1430.54	84.26	75.64	62.21	-99.36	-107.73	25.97	-0.50	19.07	13.71	-3.50	1.90	3.37	2.26	-1.48
MRBLD1CB120_SIN			0.00	250.79	-190.67	66.74	260.12	-15.52	3.34	-26.76	-40.43	-18.56	38.60	-12.05	-5.61	-0.62	0.12	2.04
MRBLD1CB164_COS			-1940.23	-394.27	0.68	95.68	7.81	-61.88	-38.97	5.15	-0.37	25.06	35.68	-2.08	0.01	2.56	-0.24	-2.93
MRBLD1CB164_SIN			0.00	144.95	-76.56	36.41	123.10	-24.40	-7.32	-5.61	-40.22	-24.37	31.44	-8.51	-7.66	-0.20	6.32	-13.60
MRBLD1FB42P75_COS			2279.65	1131.15	196.40	824.60	13.52	-62.37	-123.76	-47.17	-55.02	-72.11	18.07	6.88	-7.25	-3.31	-11.36	30.46
MRBLD1FB42P75_SIN			0.00	-20.85	597.65	109.96	462.98	219.23	38.18	-132.23	-10.89	-47.42	-131.82	28.08	6.72	0.03	-18.23	11.86
MRBLD1FB70_COS			581.11	101.94	70.46	260.56	-2.48	-12.54	-24.78	2.57	0.69	-1.21	-1.36	1.80	1.56	0.93	2.29	-5.64
MRBLD1FB70_SIN			0.00	-247.69	192.72	-1.75	134.74	41.71	6.66	-18.55	5.59	6.05	2.75	1.18	1.58	1.04	4.32	-3.38
MRBLD1FB87_COS			98.07	131.50	11.28	144.69	-13.05	-14.11	-0.65	1.72	8.35	14.08	-1.73	-1.93	1.38	-0.07	1.64	-7.82
MRBLD1FB87_SIN			0.00	-282.00	122.95	-1.87	58.68	7.35	-4.22	10.03	-0.84	9.98	31.43	-5.95	0.51	2.40	6.37	0.23
MRBLD1FB120_COS			-241.28	163.61	-63.58	139.54	-14.28	-28.97	10.80	-10.13	-7.29	-4.68	-2.30	-4.00	-2.81	-1.10	-1.64	11.81
MRBLD1FB120_SIN			0.00	-383.36	124.95	51.58	23.70	-13.03	-5.05	30.70	-7.18	-10.38	-15.28	-1.43	-5.24	-6.66	-10.69	-0.10
MRBLD1FB164_COS			-90.39	235.58	111.19	84.34	65.32	50.16	19.63	22.44	7.00	1.77	-2.06	1.76	1.07	-3.16	-1.10	-5.76
MRBLD1FB164_SIN			0.00	-619.01	299.35	168.21	-96.26	-39.30	0.19	-42.95	12.70	15.40	21.32	-3.26	3.08	2.63	3.38	-0.62

RUN	POINT		Harmonics															
	53	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-179.73	81.00	125.43	6.71	47.14	51.73	5.24	10.61	5.76	15.76	-7.20	-14.30	-9.14	-3.85	-1.79	15.35
MRBLD1FB180_SIN			0.00	-463.33	206.18	113.16	-81.67	-16.70	10.74	-36.47	6.73	21.80	59.09	-19.27	-15.45	-12.27	-15.21	-0.89
MRBLD1TOR51_COS			-1653.52	199.39	133.43	-13.63	15.51	-17.16	15.97	-0.05	-3.98	0.22	-6.16	-1.98	-2.04	2.32	3.17	2.34
MRBLD1TOR51_SIN			0.00	-351.87	251.02	59.22	-11.81	43.84	-37.18	-20.09	-1.55	2.87	6.86	-1.87	-4.78	-5.06	-1.86	2.84
MRBLD1TOR71_COS			-484.29	252.69	110.85	-31.88	22.45	-7.79	23.30	-1.08	-0.35	2.57	-7.24	-1.70	-0.08	2.29	2.58	1.46
MRBLD1TOR71_SIN			0.00	-312.63	216.55	38.06	-32.63	37.02	-30.16	-12.49	-0.22	5.27	10.50	-3.19	-4.42	-3.05	-0.94	2.02
MRBLD1TOR130_COS			-234.29	223.14	124.85	-63.78	28.11	-0.34	16.46	3.16	1.98	1.06	6.28	-2.73	0.77	-1.48	-1.79	-1.79
MRBLD1TOR130_SIN			0.00	-292.29	157.63	41.70	-47.32	27.73	-22.46	-16.04	1.96	0.98	-0.48	4.39	1.27	2.95	0.66	-0.12
MRBLD1TOR164_COS			-369.98	111.40	81.88	-63.70	5.14	-4.06	-0.18	-1.46	3.94	1.88	-1.85	-1.14	2.10	-1.21	-0.54	0.12
MRBLD1TOR164_SIN			0.00	-171.98	57.15	1.96	-19.04	23.15	-10.86	-10.16	1.13	3.40	2.07	-1.74	-0.24	1.50	-2.27	0.57
MRFBM1CB26P5_COS			-1080.99	-2838.70	195.45	-98.38	-22.59	7.82	8.00	1.14	-0.38	-2.24	12.09	-0.25	-1.01	-0.13	1.08	-1.03
MRFBM1CB26P5_SIN			0.00	-639.47	30.57	-36.99	6.47	5.94	-11.59	-4.36	3.88	-4.97	-11.77	2.24	-1.18	-0.49	-0.96	0.21
MRFBM1FB9_COS			145.59	1717.44	-221.15	-166.57	19.92	23.05	11.80	-3.20	1.76	1.40	-3.17	0.94	0.36	0.40	-0.46	0.44
MRFBM1FB9_SIN			0.00	353.07	-294.57	-114.93	-63.87	-11.59	10.60	7.76	2.62	2.75	2.18	-0.03	0.40	0.08	0.76	-1.10
MRFBM1TOR26P5_COS			-104.69	85.78	7.63	-1.35	0.58	-0.06	0.44	-0.01	-0.24	0.00	-0.17	0.13	-0.11	0.04	0.06	0.05
MRFBM1TOR26P5_SIN			0.00	-322.42	5.45	-1.31	-0.68	0.55	-0.77	0.14	0.07	-0.01	0.15	-0.06	0.01	-0.15	0.02	-0.03

RUN	POINT		Harmonics															
	53	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-89.64	-3325.39	206.72	-62.68	-51.42	-7.97	-63.76	6.95	16.03	-18.88	-3.87	5.27	-1.06	-5.39	0.05	0.53
MRPC1CB33P25_SIN			0.00	558.06	-90.24	-57.18	182.43	-4.01	-29.45	-22.17	9.62	-0.14	-61.00	22.55	15.22	4.35	-8.73	15.86
MRPC1FB33P25_COS			1669.21	935.60	-22.65	685.63	-77.46	-110.30	-118.43	16.20	-31.69	-25.28	92.68	-8.96	-5.60	-1.38	8.14	4.20
MRPC1FB33P25_SIN			0.00	227.50	508.68	216.29	394.64	158.02	-7.14	-138.69	-39.71	-76.44	-90.79	27.19	2.18	1.72	-17.77	38.59
MRPC1TOR25P5_COS			-129.77	-162.52	-186.05	52.04	-8.97	24.26	-25.39	1.31	8.25	2.12	15.95	2.87	4.15	-3.89	-3.87	-4.98
MRPC1TOR25P5_SIN			0.00	39.56	-253.62	-73.82	28.37	-35.01	48.03	13.87	0.47	-5.92	-15.01	9.10	9.66	10.06	2.77	2.86
MRPLK1LOAD_COS			29.86	-27.39	-21.41	6.44	-4.69	4.00	-3.62	0.67	2.18	0.23	2.17	-0.26	1.14	-0.42	-0.76	-1.00
MRPLK1LOAD_SIN			0.00	5.12	-35.54	-10.10	3.19	-6.47	6.31	1.84	0.06	-0.24	-1.70	0.85	1.08	1.88	-0.12	0.55
PITCHRH_COS			-13030.47	-9067.66	-665.82	482.32	-81.94	156.05	198.92	-76.12	-219.49	4.46	19.23	5.95	34.46	45.03	-25.48	-126.97
PITCHRH_SIN			0.00	917.61	-1883.67	79.33	-135.50	1793.72	189.75	37.01	293.73	3.62	-170.42	17.71	-2.73	6.99	13.44	25.26
ROLLRH_COS			-2657.73	-1288.47	2365.74	-12.83	-69.46	-2960.81	-163.75	72.02	-267.68	66.45	147.68	10.37	33.92	-89.01	30.07	77.62
ROLLRH_SIN			0.00	-9259.23	-707.27	610.10	-66.17	808.10	-80.09	-23.67	-160.73	-118.99	51.68	-14.87	24.93	-9.24	-38.41	147.13
TORQ_COS			100271.06	46.67	63.41	76.96	-45.03	-120.98	10.79	17.85	-11.73	-0.03	-17.60	-1.58	3.40	-2.40	-3.64	4.22
TORQ_SIN			0.00	1315.51	-90.07	513.35	-100.19	-112.02	6.65	-10.79	-25.67	-5.86	53.38	3.08	-5.55	4.85	-2.36	-0.65
THRUST_COS			4639.40	4.34	36.50	81.55	1.17	58.18	6.36	11.25	5.83	-8.29	-27.37	-2.24	-1.56	-0.10	1.07	-11.95
THRUST_SIN			0.00	-317.42	-29.10	26.97	22.18	-101.23	13.03	-7.74	3.23	0.10	44.16	0.78	-2.31	4.49	-0.31	-18.78

RUN	POINT		Harmonics															
	53	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-149.24	53.63	-65.47	18.25	46.44	123.35	13.71	-1.52	5.51	-0.93	-3.84	-0.39	-1.40	2.69	-1.02	-2.13
SIDERH_SIN			0.00	233.21	14.46	14.31	0.24	-162.37	-10.78	4.45	2.87	6.38	-5.73	1.39	-1.04	-0.09	1.38	-4.27
DRAGRH_COS			-358.92	239.81	23.41	-6.32	4.56	-99.15	-44.58	5.77	-1.62	-0.06	-2.55	0.54	-2.33	-0.85	1.12	6.57
DRAGRH_SIN			0.00	-44.53	16.71	-11.41	-5.71	118.19	-2.91	-4.26	-13.26	4.91	1.83	0.64	1.88	0.33	-0.92	-4.05

RUN	POINT		Harmonics															
	53	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.48	-0.18	-0.30	0.07	-0.03	0.00	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.01	0.00
FLAP1C_SIN			0.00	0.57	-0.15	-0.11	0.02	-0.04	0.01	0.01	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS			2.60	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.09	-3.98	-10.04	1.37	-1.32	0.22	0.84	-0.07	-0.39	-0.40	0.08	0.16	-0.01	-0.11	0.11	-0.26
ACT1FORCE_SIN			0.00	19.37	-4.09	-2.19	1.87	-0.80	0.58	0.61	0.60	-0.02	-0.38	-0.14	0.15	0.01	0.14	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.16	0.10	0.09	-0.01	0.06	-0.02	-0.01	-0.03	0.00	0.03	0.01	-0.01	0.01	-0.02	-0.02
FA1IBVOLTAGE_SIN			0.00	-0.10	-0.18	0.06	-0.02	0.02	0.05	0.01	-0.01	-0.04	0.00	0.02	0.01	0.00	0.02	-0.03
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.15	-0.09	-0.09	0.02	-0.06	0.02	0.02	0.03	0.00	-0.03	-0.02	0.01	-0.01	0.02	0.02
FA1OBVOLTAGE_SIN			0.00	0.07	0.17	-0.08	0.02	-0.02	-0.05	-0.01	0.00	0.04	0.01	-0.02	-0.01	0.00	-0.02	0.03
MRBLD1CB42P75_COS			-828.07	-138.18	579.02	-53.13	47.06	-85.12	-97.51	-52.82	12.10	-17.43	-19.42	5.29	-13.82	-10.54	-7.12	3.89
MRBLD1CB42P75_SIN			0.00	1802.02	56.49	-6.46	190.45	-123.36	-10.51	-104.22	29.56	48.25	-86.31	0.78	13.92	15.25	8.40	40.64

RUN	POINT		Harmonics															
	53	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4278.13	-272.41	398.95	-85.58	166.48	-131.37	-124.92	-29.15	17.60	-5.79	-30.27	2.73	-9.04	-2.79	-8.13	24.05
MRBLD1CB70_SIN			0.00	1331.13	-82.37	71.43	326.28	-213.37	22.33	-53.61	13.37	51.36	-27.10	-4.95	6.70	8.26	4.60	42.71
MRBLD1CB120_COS			-334.33	-385.62	319.55	39.72	155.87	-111.01	-94.65	20.73	5.80	-6.21	13.23	-7.55	7.12	7.69	5.89	-3.04
MRBLD1CB120_SIN			0.00	864.73	-99.10	38.04	382.45	-184.74	20.71	-48.52	-47.66	-51.23	49.89	9.59	0.30	0.83	-3.05	3.45
MRBLD1CB164_COS			-1971.85	-192.71	68.25	81.51	39.16	-62.05	-26.79	31.80	-9.20	-3.83	25.37	-5.15	6.67	-0.37	2.95	-14.84
MRBLD1CB164_SIN			0.00	306.54	-34.22	27.01	161.77	-74.82	16.88	14.00	-49.20	-66.91	31.09	17.42	4.00	-1.06	3.98	-26.31
MRBLD1FB42P75_COS			2610.72	27.08	219.39	773.16	-147.19	-46.85	-145.49	-250.09	-73.46	-137.64	-51.68	13.28	3.57	10.71	2.31	65.14
MRBLD1FB42P75_SIN			0.00	-339.65	375.48	175.51	376.84	202.35	23.99	-277.62	-13.52	-53.61	-128.88	9.97	9.28	2.43	-13.61	33.00
MRBLD1FB70_COS			627.63	109.45	75.41	227.60	-40.77	-16.04	-33.97	-35.47	-0.33	-2.57	-0.73	1.31	0.14	-0.93	-0.27	-12.10
MRBLD1FB70_SIN			0.00	-270.96	180.06	17.48	106.36	29.24	4.45	-45.66	4.91	6.47	2.90	1.31	0.75	0.07	2.35	-8.21
MRBLD1FB87_COS			82.92	108.84	-6.15	119.47	-31.34	-14.78	-1.91	19.49	12.76	26.59	14.91	0.03	2.06	-0.95	0.56	-13.41
MRBLD1FB87_SIN			0.00	-327.38	136.89	6.74	47.73	3.32	-3.20	21.56	-1.03	10.04	30.22	-1.20	-0.62	1.35	5.34	-3.26
MRBLD1FB120_COS			-288.85	141.24	-110.58	118.57	1.76	-28.73	19.12	45.78	-9.95	-6.49	-10.33	-8.90	-6.09	-0.78	-1.60	19.74
MRBLD1FB120_SIN			0.00	-446.89	144.80	84.70	29.66	8.64	0.24	71.54	-1.25	-9.95	-14.35	-3.23	-5.32	-6.07	-9.61	3.56
MRBLD1FB164_COS			20.59	173.93	60.93	66.77	122.24	64.82	28.24	-51.02	3.44	10.76	12.44	6.86	5.22	-3.76	-3.88	-10.40
MRBLD1FB164_SIN			0.00	-681.17	279.62	214.99	-9.99	-21.06	-23.85	-103.79	6.35	14.04	21.25	-1.71	2.55	2.44	2.29	-2.07

RUN	POINT		Harmonics															
	53	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-67.01	8.46	109.59	-6.48	81.76	67.36	8.53	-55.64	5.05	43.49	34.27	-10.46	-13.31	-7.18	-1.58	24.87
MRBLD1FB180_SIN			0.00	-505.66	194.90	144.25	-35.37	-2.25	-8.91	-99.08	-0.88	24.88	61.50	-11.62	-16.40	-9.93	-10.96	4.77
MRBLD1TOR51_COS			-1565.16	227.29	189.64	-20.42	15.76	-15.44	9.47	-48.76	-11.81	0.48	4.82	-2.63	-1.53	1.28	3.20	3.17
MRBLD1TOR51_SIN			0.00	-301.67	219.77	102.20	-19.20	18.84	-50.49	-44.07	0.30	3.87	10.75	-1.89	-6.93	-6.67	-2.89	8.23
MRBLD1TOR71_COS			-417.43	228.21	145.12	-35.32	20.90	-3.63	19.89	-40.09	-7.94	3.90	4.88	-4.40	-0.67	1.42	2.90	1.12
MRBLD1TOR71_SIN			0.00	-293.86	192.58	69.28	-41.42	19.28	-42.67	-23.64	2.20	6.86	16.65	-2.14	-5.28	-3.98	-0.63	5.49
MRBLD1TOR130_COS			-172.84	214.51	142.32	-58.24	26.94	3.70	14.83	-30.74	-2.95	-2.18	8.93	-3.34	-1.84	-1.05	-1.08	-2.59
MRBLD1TOR130_SIN			0.00	-264.64	135.41	65.24	-49.87	13.77	-32.41	-28.03	-0.24	-2.87	-0.65	2.19	3.33	4.78	3.11	-1.60
MRBLD1TOR164_COS			-354.61	122.21	95.88	-56.70	1.01	-5.36	-0.85	-16.15	1.65	4.26	1.46	-2.50	0.32	-1.04	-1.09	-0.12
MRBLD1TOR164_SIN			0.00	-138.38	48.01	6.84	-32.00	12.56	-17.48	-10.74	-0.07	4.25	3.62	-4.24	1.55	3.78	-0.63	-1.16
MRFBM1CB26P5_COS			-1078.98	-110.79	255.24	-48.63	-15.48	9.32	9.15	-7.32	-1.02	-2.91	7.28	0.89	0.05	-0.43	2.02	-4.26
MRFBM1CB26P5_SIN			0.00	868.52	118.28	-75.55	-23.91	2.03	-14.06	-16.83	1.35	-6.26	-17.93	1.72	0.76	0.28	-0.96	0.84
MRFBM1FB9_COS			766.04	-786.56	-248.19	-142.88	39.07	21.30	13.67	-0.67	1.98	2.52	-1.64	0.32	0.55	0.05	-0.39	0.92
MRFBM1FB9_SIN			0.00	-96.01	-230.04	-129.22	-44.45	-8.76	10.65	20.01	2.65	3.28	4.28	0.07	0.11	-0.20	0.15	-2.89
MRFBM1TOR26P5_COS			-111.68	81.97	3.89	-0.79	0.45	-0.42	0.70	-0.10	-0.26	0.13	-0.19	0.26	0.05	0.03	0.02	0.11
MRFBM1TOR26P5_SIN			0.00	-204.74	4.32	1.18	-0.71	-0.21	-0.93	-0.28	0.25	0.05	0.08	0.07	-0.14	-0.19	-0.10	-0.06

RUN	POINT		Harmonics															
	53	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-20.06	1.18	525.71	-28.97	-8.10	-51.57	-68.33	-48.81	12.62	-17.63	-6.29	6.83	-7.57	-6.52	-0.79	0.23
MRPC1CB33P25_SIN			0.00	1508.07	27.64	-40.54	99.60	-40.41	-11.69	-95.93	13.04	5.29	-75.71	3.26	8.40	12.10	4.21	36.13
MRPC1FB33P25_COS			1927.97	12.68	57.25	640.07	-192.81	-95.92	-130.55	-88.00	-43.68	-70.63	40.18	6.70	-2.22	5.04	12.86	8.15
MRPC1FB33P25_SIN			0.00	-107.82	300.37	278.59	293.78	145.51	-23.48	-331.59	-53.11	-115.11	-128.93	14.89	9.67	11.20	-4.91	78.85
MRPC1TOR25P5_COS			-248.39	-136.04	-223.84	61.97	-25.16	20.75	-14.78	48.36	15.57	1.25	3.43	1.67	0.33	-2.77	-3.39	-6.60
MRPC1TOR25P5_SIN			0.00	157.95	-226.92	-104.75	36.65	-22.60	61.93	36.62	-4.61	-9.03	-18.41	4.87	14.68	14.68	8.11	-0.64
MRPLK1LOAD_COS			13.34	-19.47	-30.14	6.56	-4.84	4.27	-3.54	7.02	3.54	0.11	1.08	-0.96	-0.18	-0.31	-0.58	-1.60
MRPLK1LOAD_SIN			0.00	27.85	-30.72	-17.13	4.41	-2.86	8.58	5.50	-0.97	-0.76	-1.76	-0.21	2.25	2.87	1.46	0.14
PITCHRH_COS			25444.40	-9086.25	-1064.64	517.27	56.63	-682.79	208.36	113.69	54.63	-134.20	-10.80	16.92	26.55	62.78	-38.04	-169.04
PITCHRH_SIN			0.00	578.85	-2022.02	145.97	-107.34	1144.83	201.94	115.99	159.16	-50.77	-383.79	25.87	-43.11	74.84	28.43	221.24
ROLLRH_COS			4305.52	-891.45	2579.29	-259.46	270.60	-2339.49	-230.86	60.29	25.58	141.64	177.98	-26.28	68.84	-60.45	96.29	111.86
ROLLRH_SIN			0.00	-9065.77	-1119.19	610.84	-175.37	464.20	-223.70	-35.91	69.57	-136.50	-106.78	-15.35	45.31	-41.25	-49.75	226.79
TORQ_COS			101582.12	95.71	-171.47	63.84	-204.11	38.46	-3.46	69.39	0.62	-1.29	-8.34	-4.05	1.99	1.95	-5.37	13.35
TORQ_SIN			0.00	1142.95	58.98	508.54	-201.23	98.68	15.08	61.55	-32.56	-4.29	79.69	0.00	-8.34	3.11	-1.43	-0.40
THRUST_COS			6309.77	43.26	4.25	77.75	11.76	49.03	9.75	34.98	-10.18	-1.19	6.99	-13.06	-3.83	-0.39	2.98	-27.34
THRUST_SIN			0.00	-349.53	-21.74	35.56	28.05	-91.03	12.34	1.21	1.57	7.30	62.29	-6.74	-2.55	2.19	3.54	-25.91

RUN	POINT		Harmonics															
	53	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-151.58	49.61	-57.87	-1.31	16.72	99.60	20.46	-3.60	-3.13	-3.95	-7.15	0.49	-3.41	2.02	-3.01	-2.98
SIDERH_SIN			0.00	233.28	32.39	9.37	61.25	-131.94	2.53	3.91	-1.70	6.89	-2.81	2.29	-1.06	1.74	1.42	-7.09
DRAGRH_COS			122.12	251.59	37.61	0.93	10.92	41.55	-45.22	1.61	-6.33	3.35	-7.48	2.33	-0.50	-3.55	1.54	7.75
DRAGRH_SIN			0.00	-50.60	-5.10	-9.18	-15.30	65.29	-10.51	5.07	-10.97	7.02	22.54	-2.61	4.53	-3.67	-1.40	-13.00

RUN	POINT		Harmonics															
	54	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.60	-0.20	-0.29	0.08	-0.02	0.00	0.03	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.55	-0.17	-0.10	0.02	-0.03	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.48	-4.60	-9.51	1.73	-1.21	0.20	0.79	-0.05	-0.37	-0.34	0.05	0.21	-0.16	0.00	0.02	-0.15
ACT1FORCE_SIN			0.00	18.68	-4.62	-1.96	1.96	-0.78	0.43	0.69	0.49	0.02	-0.35	-0.02	0.17	-0.06	0.20	-0.08
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.15	0.12	0.09	-0.02	0.05	-0.01	-0.02	-0.02	0.00	0.03	0.00	0.00	0.02	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.11	-0.17	0.07	-0.02	0.01	0.05	0.01	-0.01	-0.03	-0.01	0.03	-0.01	0.02	0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.15	-0.11	-0.08	0.03	-0.06	0.02	0.03	0.02	0.01	-0.03	0.00	0.01	-0.02	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	0.07	0.17	-0.09	0.02	-0.02	-0.05	-0.01	0.01	0.03	0.01	-0.03	0.02	-0.02	-0.01	0.00
MRBLD1CB42P75_COS			-767.11	-1890.40	491.99	-54.53	11.88	-62.11	-81.07	-24.21	22.78	-22.37	-20.67	10.57	-3.79	-4.02	-3.70	9.11
MRBLD1CB42P75_SIN			0.00	1002.98	99.74	30.10	174.45	-47.60	-4.60	-85.69	38.65	32.29	-81.44	28.24	12.55	13.20	2.31	27.23

RUN	POINT		Harmonics															
	54	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4382.31	-1366.66	300.80	-53.19	122.79	-113.38	-111.84	-16.43	15.06	-12.10	-37.53	9.68	-2.15	-1.58	-6.89	24.20
MRBLD1CB70_SIN			0.00	767.53	-60.16	90.95	246.44	-105.06	30.73	-48.93	20.05	36.23	-25.16	15.76	7.14	7.70	1.66	31.44
MRBLD1CB120_COS			-315.95	-782.02	221.03	65.98	143.07	-118.46	-109.79	6.24	-13.95	-0.20	17.30	-8.77	4.03	4.35	2.94	-2.00
MRBLD1CB120_SIN			0.00	624.73	-112.63	59.10	310.73	-98.44	25.20	-45.16	-47.46	-32.99	44.84	-6.20	-1.34	-1.55	-1.91	4.53
MRBLD1CB164_COS			-1958.82	-262.29	36.92	91.73	37.92	-67.55	-41.33	13.94	-18.39	4.61	34.96	-7.31	2.99	0.35	3.35	-14.72
MRBLD1CB164_SIN			0.00	246.10	-48.10	28.72	144.22	-50.00	8.23	7.20	-49.34	-44.96	29.42	-1.29	1.38	-1.53	4.67	-20.36
MRBLD1FB42P75_COS			2460.41	459.13	227.10	791.77	-56.52	-31.79	-131.10	-199.80	-64.15	-113.53	-25.24	19.55	-0.13	9.81	-3.58	52.27
MRBLD1FB42P75_SIN			0.00	-221.88	418.98	92.17	466.64	230.63	35.56	-231.49	1.72	-38.34	-135.16	22.01	3.46	-4.59	-18.09	12.97
MRBLD1FB70_COS			605.45	101.19	83.01	238.56	-18.74	-9.59	-27.45	-26.08	1.26	-1.46	-0.41	1.78	0.64	-0.84	0.95	-10.09
MRBLD1FB70_SIN			0.00	-269.72	184.39	-6.81	132.08	40.88	7.27	-37.10	6.41	6.44	3.18	1.60	1.84	1.19	3.61	-3.72
MRBLD1FB87_COS			81.96	114.31	6.31	128.33	-21.50	-13.51	-1.13	15.12	10.29	22.30	8.67	-3.10	2.03	-1.07	1.96	-10.19
MRBLD1FB87_SIN			0.00	-314.90	132.66	-6.08	59.78	7.05	-2.52	19.31	-2.67	7.94	31.90	-4.77	0.98	2.77	6.22	0.39
MRBLD1FB120_COS			-278.93	149.38	-84.37	131.56	-2.59	-27.98	13.14	32.05	-10.21	-6.78	-7.94	-5.99	-5.16	-0.65	-3.12	15.46
MRBLD1FB120_SIN			0.00	-428.32	141.11	60.22	29.14	-0.95	-3.53	59.10	-5.59	-10.56	-14.59	-1.35	-6.10	-7.13	-10.37	-1.25
MRBLD1FB164_COS			-28.83	185.96	98.64	78.19	95.71	49.12	24.87	-29.39	8.71	9.55	7.45	3.72	3.68	-4.11	-1.94	-7.53
MRBLD1FB164_SIN			0.00	-664.11	290.28	187.61	-73.33	-42.68	-17.66	-86.06	10.08	16.04	21.10	-4.16	3.53	3.58	3.46	-0.61

RUN	POINT		Harmonics															
	54	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-112.79	28.14	129.27	1.37	63.94	56.20	10.84	-37.36	8.62	35.66	18.28	-17.63	-13.66	-6.52	-3.23	19.05
MRBLD1FB180_SIN			0.00	-492.62	198.95	132.07	-72.96	-19.08	-2.18	-77.57	1.90	20.30	62.61	-16.10	-12.44	-10.32	-13.68	-0.56
MRBLD1TOR51_COS			-1602.48	213.28	179.00	-18.00	15.94	-16.84	10.06	-35.03	-6.14	2.22	-0.26	-2.66	-2.82	1.19	3.13	2.86
MRBLD1TOR51_SIN			0.00	-328.81	233.50	88.13	-23.08	27.79	-45.89	-36.85	5.62	0.47	9.98	-2.77	-5.57	-6.32	-2.91	5.21
MRBLD1TOR71_COS			-444.64	235.54	140.64	-36.44	20.94	-5.91	19.10	-29.06	-2.11	5.81	-0.48	-4.15	-0.75	0.93	2.85	1.28
MRBLD1TOR71_SIN			0.00	-306.79	202.24	59.71	-45.04	23.43	-39.22	-20.23	6.16	3.04	14.92	-3.98	-4.44	-3.94	-0.85	3.52
MRBLD1TOR130_COS			-196.95	215.41	141.88	-63.31	26.03	1.49	13.65	-21.64	1.64	0.81	7.86	-3.75	1.10	-1.29	-1.02	-2.28
MRBLD1TOR130_SIN			0.00	-280.10	143.57	60.57	-57.04	15.78	-29.24	-25.91	4.74	-3.06	-0.69	3.55	2.32	4.02	2.88	-0.71
MRBLD1TOR164_COS			-361.77	117.26	92.43	-62.72	1.32	-3.51	-1.43	-13.43	4.72	4.82	-0.28	-3.05	2.48	-1.16	-1.03	0.37
MRBLD1TOR164_SIN			0.00	-153.77	50.66	9.58	-27.62	17.19	-13.61	-11.26	1.39	2.55	3.32	-3.11	0.46	2.80	-0.91	-0.45
MRFBM1CB26P5_COS			-973.25	-997.15	233.40	-74.09	-17.40	8.79	9.49	-2.32	1.74	-2.48	9.67	0.18	0.14	0.19	1.95	-2.97
MRFBM1CB26P5_SIN			0.00	328.90	130.83	-52.62	-14.39	1.62	-14.21	-12.58	3.56	-5.12	-16.83	1.86	0.03	-0.20	-1.60	0.41
MRFBM1FB9_COS			541.85	49.71	-259.34	-159.23	29.67	22.34	12.18	-0.66	2.41	2.47	-2.12	0.72	0.53	0.05	-0.42	0.34
MRFBM1FB9_SIN			0.00	38.66	-244.08	-115.66	-57.20	-12.59	10.00	17.20	2.31	2.90	3.44	-0.69	0.25	-0.14	0.28	-2.25
MRFBM1TOR26P5_COS			-111.20	78.24	4.34	-0.91	0.29	-0.49	0.71	0.06	-0.33	0.00	-0.16	0.25	-0.10	0.05	0.02	0.06
MRFBM1TOR26P5_SIN			0.00	-246.77	3.67	0.75	-1.25	-0.06	-0.92	-0.01	0.12	0.06	0.13	0.00	-0.06	-0.17	-0.08	-0.06

RUN	POINT	Harmonics																
	54	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-0.24	-1530.89	436.17	-49.51	-31.72	-31.16	-63.67	-24.21	22.36	-17.64	-2.12	8.81	-0.59	-1.05	0.26	5.24
MRPC1CB33P25_SIN			0.00	960.26	81.43	-0.37	123.55	-10.61	-12.92	-78.63	15.21	0.47	-71.49	19.62	6.78	9.88	-1.70	24.76
MRPC1FB33P25_COS			1797.81	370.87	51.27	668.16	-137.48	-90.44	-122.35	-68.58	-44.67	-60.93	62.74	3.97	0.41	9.57	13.58	18.94
MRPC1FB33P25_SIN			0.00	17.74	348.53	209.32	384.31	173.80	-10.08	-275.90	-36.58	-90.76	-118.38	28.13	2.43	6.43	-13.24	57.36
MRPC1TOR25P5_COS			-212.22	-151.15	-214.21	62.62	-24.74	23.29	-14.36	34.26	10.34	0.65	8.90	2.22	6.32	-2.45	-3.07	-3.94
MRPC1TOR25P5_SIN			0.00	111.07	-240.11	-89.44	43.23	-30.45	56.01	29.05	-8.39	-5.35	-18.56	7.64	10.78	13.17	7.05	1.33
MRPLK1LOAD_COS			18.47	-22.84	-28.50	6.37	-4.85	4.68	-3.34	4.76	2.91	0.35	1.61	-0.96	1.28	-0.39	-0.55	-1.02
MRPLK1LOAD_SIN			0.00	20.57	-32.62	-14.98	5.47	-4.15	7.76	3.90	-1.21	-0.34	-2.02	0.41	1.44	2.46	1.18	0.47
PITCHRH_COS			12297.63	-9107.83	-1016.22	522.23	32.08	-248.04	275.62	-18.74	-72.65	-44.39	-25.55	-7.15	60.39	47.19	-29.75	-128.02
PITCHRH_SIN			0.00	835.51	-2114.84	82.40	-128.23	1447.37	91.64	90.89	190.54	-15.53	-262.66	37.75	-39.95	35.83	16.26	177.21
ROLLRH_COS			2330.46	-1237.99	2663.16	-170.52	59.72	-2687.17	-127.78	118.32	-110.24	89.59	155.95	13.84	86.94	-82.68	19.49	143.24
ROLLRH_SIN			0.00	-9153.82	-853.67	633.24	-178.15	785.29	-182.72	-124.39	34.77	-136.09	-54.59	-16.09	20.69	-30.86	-23.85	188.78
TORQ_COS			102820.66	-24.15	-126.60	95.90	-139.19	-26.62	2.02	31.66	-21.82	-3.55	-18.25	-2.07	0.66	0.29	-5.72	9.96
TORQ_SIN			0.00	1236.84	-105.53	461.66	-139.14	-9.10	9.11	40.30	-37.78	-5.18	74.57	1.65	-8.60	4.37	0.78	-1.54
THRUST_COS			5728.19	33.50	13.84	82.56	7.90	44.13	5.93	22.37	3.98	-1.94	-8.89	-8.68	0.17	-1.07	8.74	-26.98
THRUST_SIN			0.00	-347.14	-27.37	25.48	22.62	-110.33	11.85	3.76	7.30	-1.43	59.21	-1.43	-2.91	5.52	1.92	-21.69

RUN	POINT		Harmonics															
	54	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-146.41	62.01	-73.76	12.64	58.40	110.99	13.08	-2.16	0.69	-2.19	-5.87	-0.32	-3.97	2.53	-1.02	-3.94
SIDERH_SIN			0.00	233.58	15.99	9.01	44.93	-153.59	-5.70	5.46	-1.44	6.68	-3.85	2.43	-0.20	0.81	0.64	-5.60
DRAGRH_COS			-67.61	246.52	48.41	-6.57	4.42	-18.27	-49.27	1.22	-4.35	1.78	-5.74	2.19	-1.25	-2.09	2.13	5.81
DRAGRH_SIN			0.00	-54.44	6.71	-10.27	-17.55	113.89	4.11	-0.31	-12.46	7.08	10.31	-2.35	4.61	-1.09	-0.93	-10.71

RUN	POINT		Harmonics															
	54	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.61	-0.22	-0.28	0.08	-0.03	0.01	0.02	0.01	-0.01	-0.01	0.00	0.01	0.00	0.01	0.00	0.00
FLAP1C_SIN			0.00	0.57	-0.19	-0.09	0.01	-0.03	0.00	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.03	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.59	-5.41	-8.93	1.63	-1.61	0.43	0.62	-0.02	-0.47	-0.31	0.14	0.23	-0.23	0.06	-0.10	-0.07
ACT1FORCE_SIN			0.00	19.31	-5.27	-1.53	1.54	-0.77	0.41	0.64	0.41	0.00	-0.38	0.09	0.06	-0.02	0.13	-0.15
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.70	-0.15	0.13	0.08	-0.01	0.05	-0.01	-0.02	-0.02	0.00	0.04	-0.01	0.01	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-0.12	-0.16	0.07	-0.03	0.02	0.04	0.02	-0.01	-0.03	0.00	0.03	-0.01	0.03	-0.01	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	0.15	-0.12	-0.06	0.01	-0.05	0.01	0.03	0.02	0.01	-0.04	0.01	0.00	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	0.07	0.16	-0.09	0.03	-0.03	-0.04	-0.01	0.01	0.03	0.01	-0.03	0.02	-0.02	0.01	0.00
MRBLD1CB42P75_COS			-781.11	-2044.70	512.55	-42.75	7.95	-62.37	-83.99	-6.05	11.00	-25.84	-23.86	-13.47	-6.33	-8.54	-4.01	-3.15
MRBLD1CB42P75_SIN			0.00	2390.33	143.33	73.46	236.15	-47.88	-12.39	-90.65	33.52	18.05	-76.74	20.74	13.45	16.40	2.80	30.88

RUN	POINT		Harmonics															
	54	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4359.99	-1515.50	337.80	-66.31	105.76	-92.96	-102.52	-4.91	11.60	-17.51	-50.77	-10.00	-2.40	-1.25	-5.11	12.07
MRBLD1CB70_SIN			0.00	1661.45	-35.56	116.98	339.21	-87.34	29.43	-57.39	20.12	25.19	-26.30	11.56	8.74	12.53	1.54	37.91
MRBLD1CB120_COS			-340.82	-849.62	257.28	48.08	124.92	-94.46	-92.04	17.37	-1.87	5.26	14.84	0.63	3.16	5.36	3.89	-3.12
MRBLD1CB120_SIN			0.00	962.71	-92.66	91.91	398.54	-73.44	33.59	-58.71	-46.75	-30.60	41.51	-4.10	-1.13	-1.07	-0.72	2.83
MRBLD1CB164_COS			-1964.60	-279.34	46.64	82.79	29.83	-60.21	-37.09	13.60	-8.13	9.64	40.18	3.08	0.53	-1.23	-1.06	-7.72
MRBLD1CB164_SIN			0.00	314.50	-43.67	53.81	173.99	-42.94	18.00	4.13	-51.80	-39.33	30.58	2.41	0.75	-6.27	3.48	-24.35
MRBLD1FB42P75_COS			2407.69	480.10	225.11	807.82	-89.49	-54.06	-133.49	-159.72	-88.99	-98.30	-0.05	9.17	-1.70	11.31	6.88	45.76
MRBLD1FB42P75_SIN			0.00	-539.01	455.69	249.33	472.65	215.88	0.65	-287.12	-11.51	-59.20	-147.31	24.35	5.77	4.17	-18.38	34.95
MRBLD1FB70_COS			599.05	110.30	67.80	249.41	-26.34	-13.09	-28.73	-19.89	-4.07	-3.46	-2.39	0.82	0.17	-1.26	-1.20	-8.23
MRBLD1FB70_SIN			0.00	-260.97	194.62	46.41	137.93	38.54	0.11	-45.96	6.63	5.75	3.87	1.95	1.47	0.28	3.84	-7.96
MRBLD1FB87_COS			85.85	124.83	-10.73	135.57	-24.91	-13.40	-1.34	12.29	13.49	19.44	3.15	-0.17	1.47	-2.04	-1.41	-10.23
MRBLD1FB87_SIN			0.00	-311.90	133.14	22.39	58.34	4.81	-2.79	23.24	-0.02	11.95	34.37	-5.19	0.73	0.82	6.48	-4.27
MRBLD1FB120_COS			-267.45	159.06	-111.35	131.32	-11.14	-28.71	12.73	22.44	-3.50	-4.03	-4.51	-5.80	-2.91	2.05	2.26	15.71
MRBLD1FB120_SIN			0.00	-415.96	133.07	90.89	21.79	-5.86	2.83	70.72	-7.74	-10.57	-17.22	-2.86	-6.76	-5.27	-10.97	5.99
MRBLD1FB164_COS			-26.89	205.86	64.85	73.23	91.15	54.23	23.69	-17.38	-2.46	4.07	3.52	5.92	1.94	-4.60	-3.86	-7.08
MRBLD1FB164_SIN			0.00	-659.03	292.17	214.32	-70.35	-34.02	-15.95	-101.00	12.20	17.59	23.45	-2.30	4.05	0.46	2.52	-3.52

RUN	POINT		Harmonics															
	54	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-115.23	43.19	107.67	-3.95	66.27	57.75	10.04	-27.99	1.60	28.08	6.93	-8.41	-9.67	-2.43	3.59	19.36
MRBLD1FB180_SIN			0.00	-493.77	206.03	137.62	-67.41	-9.70	-2.58	-92.35	4.29	29.59	68.38	-20.55	-16.23	-11.05	-12.88	7.93
MRBLD1TOR51_COS			-1614.75	229.84	169.40	-23.64	16.36	-24.18	24.08	-28.49	-11.77	1.59	-3.59	-0.74	-1.21	2.52	4.19	0.90
MRBLD1TOR51_SIN			0.00	-318.31	246.26	93.34	-6.57	30.03	-44.61	-52.35	1.81	-0.25	10.77	-2.81	-5.66	-5.24	-1.33	6.44
MRBLD1TOR71_COS			-453.29	250.71	130.02	-39.55	24.14	-12.60	31.82	-26.02	-7.18	4.51	-4.55	-1.66	0.00	2.49	3.03	-0.12
MRBLD1TOR71_SIN			0.00	-312.51	212.57	58.99	-32.74	26.10	-35.64	-33.24	3.54	2.86	15.69	-3.99	-4.28	-3.80	0.74	4.14
MRBLD1TOR130_COS			-201.79	226.54	132.13	-66.40	31.91	-4.39	23.44	-17.12	-2.69	1.71	6.92	-4.30	-0.70	-1.27	-2.28	-1.92
MRBLD1TOR130_SIN			0.00	-282.45	152.96	53.12	-47.88	18.57	-25.71	-35.72	2.53	-4.33	1.57	3.03	2.65	2.79	2.78	-1.83
MRBLD1TOR164_COS			-364.55	123.28	91.33	-62.89	6.03	-7.83	3.66	-11.49	3.42	4.21	-1.23	-1.89	1.29	-1.00	-0.55	0.32
MRBLD1TOR164_SIN			0.00	-153.70	56.91	-1.37	-22.05	17.74	-12.51	-16.09	2.01	2.74	3.68	-2.89	1.20	2.11	-0.79	-0.15
MRFBM1CB26P5_COS			-1048.36	-1334.27	222.80	-55.62	-22.54	5.92	7.93	0.17	-0.37	-1.04	14.20	0.21	-0.37	-0.66	2.03	-3.39
MRFBM1CB26P5_SIN			0.00	1117.25	169.03	-68.80	-16.31	-1.18	-16.13	-11.73	2.17	-5.00	-14.82	1.49	-0.07	-0.38	-0.92	-0.27
MRFBM1FB9_COS			513.31	174.38	-231.89	-152.07	32.35	22.16	10.26	-4.39	2.83	1.77	-2.75	1.02	0.46	0.41	-0.36	1.30
MRFBM1FB9_SIN			0.00	-599.67	-260.34	-149.17	-56.20	-10.58	12.85	18.29	3.81	3.38	3.43	-0.05	0.33	-0.21	0.06	-1.90
MRFBM1TOR26P5_COS			-111.25	44.27	3.93	-1.31	-0.03	-0.27	0.77	0.06	-0.35	-0.05	-0.16	0.25	-0.02	0.03	0.05	0.08
MRFBM1TOR26P5_SIN			0.00	-247.64	2.46	0.75	-0.73	0.08	-1.11	-0.07	0.09	0.11	0.06	0.02	-0.09	-0.10	-0.11	-0.03

RUN	POINT		Harmonics															
	54	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			32.29	-1469.13	467.69	-24.59	-16.29	-45.01	-74.42	-8.60	16.34	-15.92	0.89	-4.87	-1.32	-4.65	1.46	-5.47
MRPC1CB33P25_SIN			0.00	2080.72	110.16	56.29	157.74	-17.07	-18.43	-81.53	11.80	-8.44	-66.47	15.48	7.77	13.32	0.12	27.61
MRPC1FB33P25_COS			1749.94	412.35	57.88	654.33	-165.73	-104.79	-113.71	-11.50	-53.12	-36.11	89.00	-6.07	-2.92	3.04	18.70	-6.18
MRPC1FB33P25_SIN			0.00	-259.00	376.18	347.43	384.05	155.68	-40.76	-304.56	-56.38	-97.09	-110.37	24.81	4.35	13.68	-3.84	62.21
MRPC1TOR25P5_COS			-202.18	-227.29	-203.84	67.21	-25.43	30.38	-30.01	29.51	15.91	3.86	12.78	-2.91	1.69	-3.58	-5.73	-4.75
MRPC1TOR25P5_SIN			0.00	121.25	-254.30	-88.95	26.25	-32.79	55.62	45.91	-5.16	-4.72	-16.52	7.87	11.98	11.07	6.64	-0.82
MRPLK1LOAD_COS			19.82	-34.98	-27.12	7.64	-4.81	5.04	-5.42	4.30	3.67	0.85	1.90	-1.52	0.32	-0.34	-0.97	-1.17
MRPLK1LOAD_SIN			0.00	23.04	-34.61	-15.38	2.82	-4.54	7.79	6.57	-0.51	-0.65	-1.58	0.34	1.75	2.01	1.25	-0.06
PITCHRH_COS			10987.62	-9091.14	-808.27	528.84	47.03	-419.68	282.20	38.79	-11.18	-83.27	59.45	-19.93	59.18	44.65	-36.22	-198.82
PITCHRH_SIN			0.00	618.26	-2112.66	181.92	-90.15	1323.02	65.35	153.64	267.53	-92.11	-307.18	39.94	-13.66	75.56	11.23	115.33
ROLLRH_COS			13633.54	-1096.89	2513.13	-238.55	118.23	-2902.91	-73.55	79.47	-190.83	84.57	173.04	8.82	59.08	-69.21	17.27	61.89
ROLLRH_SIN			0.00	-9150.03	-831.43	630.68	-99.33	695.35	-91.81	-113.78	-40.21	-76.97	0.26	-39.99	23.42	-58.12	-14.81	236.85
TORQ_COS			101857.38	155.74	-146.40	37.83	-101.72	-44.87	1.89	20.71	-6.80	-3.13	-39.57	-3.78	2.65	0.37	-3.92	10.21
TORQ_SIN			0.00	1254.44	-104.13	558.49	-190.78	7.67	3.59	33.86	-36.90	-4.88	69.34	2.05	-5.62	4.22	-0.90	1.47
THRUST_COS			5648.61	22.41	19.27	82.98	3.51	51.54	2.03	15.68	-1.07	-2.88	-28.85	-2.21	-1.18	1.25	5.11	-16.42
THRUST_SIN			0.00	-334.92	-33.22	35.65	29.95	-101.84	9.87	4.00	6.21	-1.11	59.11	0.69	-1.39	-1.57	5.80	-30.74

RUN	POINT		Harmonics															
	54	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-54.63	51.71	-63.87	7.96	26.49	117.52	11.89	-3.36	2.79	-1.76	-5.08	-0.59	-2.55	1.85	-0.96	-1.40
SIDERH_SIN			0.00	236.30	24.71	9.01	36.38	-157.50	-9.65	6.63	0.44	4.82	-6.32	2.84	-0.81	2.31	0.14	-7.06
DRAGRH_COS			-79.71	249.38	34.28	-5.75	8.84	13.85	-63.39	4.49	-4.95	1.91	-9.02	2.73	-2.97	-2.59	2.42	8.80
DRAGRH_SIN			0.00	-48.73	12.97	-10.76	-9.45	126.34	-0.03	3.29	-13.14	8.13	11.72	-0.74	2.66	-2.65	-0.08	-7.79

RUN	POINT		Harmonics															
	54	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.57	-0.20	-0.26	0.07	-0.02	0.01	0.02	0.00	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.51	-0.17	-0.09	0.01	-0.02	0.01	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.38	-4.73	-8.63	1.52	-0.99	0.36	0.52	-0.22	-0.45	-0.33	0.15	0.20	-0.14	-0.03	-0.04	-0.12
ACT1FORCE_SIN			0.00	17.65	-4.58	-1.76	1.56	-0.46	0.60	0.58	0.35	-0.04	-0.34	0.03	0.05	-0.05	0.17	-0.11
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.13	0.11	0.08	-0.01	0.03	-0.02	-0.01	-0.02	0.00	0.03	-0.01	0.00	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.10	-0.15	0.07	-0.01	0.02	0.03	0.00	-0.01	-0.03	0.00	0.03	-0.01	0.02	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.13	-0.10	-0.07	0.02	-0.03	0.03	0.02	0.02	0.00	-0.03	0.00	0.00	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.06	0.15	-0.08	0.00	-0.03	-0.03	0.01	0.01	0.03	0.00	-0.02	0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-762.35	-1694.55	431.55	-86.23	-17.56	-65.73	-72.13	-17.69	15.09	-27.16	-6.80	15.35	-4.55	-2.06	-5.72	-2.59
MRBLD1CB42P75_SIN			0.00	-687.89	126.12	10.01	204.57	-73.90	-12.95	-62.64	38.21	34.59	-74.44	23.42	13.34	9.88	-0.27	27.98

RUN	POINT		Harmonics															
	54	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4382.64	-1222.99	279.05	-105.33	84.82	-117.15	-81.28	-4.03	11.56	-14.46	-25.59	15.24	1.08	5.36	-6.71	12.48
MRBLD1CB70_SIN			0.00	-305.10	-34.92	78.00	336.83	-169.32	36.60	-40.55	20.84	37.04	-24.73	12.72	8.84	3.64	-4.78	34.30
MRBLD1CB120_COS			-320.55	-730.33	213.58	18.86	118.21	-121.61	-61.23	34.02	-8.24	6.92	7.74	-11.38	4.68	5.17	4.40	-1.91
MRBLD1CB120_SIN			0.00	207.21	-87.81	67.25	389.06	-163.32	49.95	-57.06	-47.57	-40.38	39.41	-3.42	-0.87	0.01	-1.19	2.54
MRBLD1CB164_COS			-1962.08	-257.90	34.55	69.26	29.82	-65.54	-20.77	25.66	-11.49	10.74	23.25	-12.73	0.74	-4.39	1.09	-7.98
MRBLD1CB164_SIN			0.00	153.26	-38.71	41.97	169.06	-72.97	25.20	-4.78	-50.08	-49.28	25.50	0.20	0.50	0.03	7.73	-21.31
MRBLD1FB42P75_COS			2546.90	446.66	116.19	738.84	-23.77	-55.39	-126.25	-142.33	-77.14	-111.11	-24.41	10.86	0.34	11.12	4.97	44.33
MRBLD1FB42P75_SIN			0.00	152.98	375.87	191.57	381.75	204.58	24.22	-230.23	-15.62	-56.11	-131.16	19.38	9.80	1.29	-14.82	22.24
MRBLD1FB70_COS			618.87	103.02	58.41	216.72	-9.95	-16.11	-27.01	-15.59	-1.05	-2.35	-0.71	1.37	0.18	-0.90	-0.46	-7.53
MRBLD1FB70_SIN			0.00	-279.27	173.96	26.38	110.93	33.60	4.95	-34.93	5.89	6.72	2.81	2.09	1.72	0.89	2.94	-5.81
MRBLD1FB87_COS			85.59	116.23	-1.53	115.87	-16.87	-14.74	-2.51	10.59	12.24	21.38	8.16	-1.09	1.70	-1.63	-0.11	-8.98
MRBLD1FB87_SIN			0.00	-311.17	125.04	12.88	48.77	6.13	-2.28	18.49	-0.69	10.51	30.51	-4.09	-0.79	1.54	5.13	-2.12
MRBLD1FB120_COS			-279.06	149.69	-87.38	114.37	-7.22	-24.72	10.28	16.30	-7.28	-5.15	-7.40	-6.67	-4.19	0.55	0.00	13.82
MRBLD1FB120_SIN			0.00	-422.60	129.06	79.35	28.65	3.35	0.20	57.20	-5.19	-10.37	-14.70	-2.76	-5.14	-6.62	-9.39	1.80
MRBLD1FB164_COS			-10.29	189.16	77.48	60.41	77.08	56.10	31.80	-10.22	2.79	7.53	7.48	4.99	2.94	-4.29	-3.47	-6.64
MRBLD1FB164_SIN			0.00	-636.87	273.56	198.48	-40.09	-33.57	-18.32	-81.68	10.62	14.78	21.22	-2.03	2.14	2.38	2.37	-1.56

RUN	POINT		Harmonics															
	54	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-96.26	30.60	111.33	-7.16	53.86	56.68	13.74	-17.99	4.84	31.70	16.64	-13.46	-11.37	-5.38	0.30	17.14
MRBLD1FB180_SIN			0.00	-474.82	192.19	131.48	-49.85	-11.86	-5.19	-75.96	5.06	24.33	59.49	-16.69	-16.35	-12.17	-12.24	2.74
MRBLD1TOR51_COS			-1578.01	206.95	145.47	-21.17	18.54	-9.69	9.10	-22.83	-6.66	-2.80	0.79	-1.22	-1.19	2.16	3.86	3.21
MRBLD1TOR51_SIN			0.00	-319.01	223.29	90.60	-18.35	15.30	-44.01	-33.65	-1.62	3.70	10.77	-3.21	-6.17	-4.94	-1.51	4.18
MRBLD1TOR71_COS			-426.71	229.77	114.34	-35.04	22.40	0.09	17.52	-19.80	-1.91	-1.21	0.25	-1.35	0.96	1.15	2.04	1.09
MRBLD1TOR71_SIN			0.00	-277.99	192.78	60.31	-39.45	14.53	-37.71	-18.25	0.11	6.74	16.21	-3.76	-5.68	-3.89	-0.37	3.09
MRBLD1TOR130_COS			-183.76	213.25	123.13	-59.31	23.93	5.42	15.24	-13.03	1.71	-5.56	8.07	-0.52	1.70	-2.27	-3.24	-3.32
MRBLD1TOR130_SIN			0.00	-256.35	138.08	56.20	-47.95	8.34	-29.23	-22.17	-0.75	-0.73	2.15	3.36	0.89	1.83	1.17	-0.14
MRBLD1TOR164_COS			-356.19	116.43	83.72	-56.42	3.34	-3.71	0.30	-9.40	4.86	0.13	0.37	-0.07	2.87	-1.45	-1.55	-0.98
MRBLD1TOR164_SIN			0.00	-141.93	50.42	3.73	-25.43	10.65	-15.28	-8.91	-0.49	4.17	4.33	-2.75	-0.39	0.63	-1.90	0.58
MRFBM1CB26P5_COS			-894.85	-753.16	197.44	-70.49	-23.02	11.10	5.24	-4.12	0.63	-2.55	9.21	-0.46	-0.86	-1.37	1.83	-2.99
MRFBM1CB26P5_SIN			0.00	-556.56	135.26	-67.63	-24.40	8.39	-16.67	-8.48	3.57	-5.32	-14.97	1.47	-0.05	0.40	-0.07	-0.49
MRFBM1FB9_COS			597.42	-3.78	-225.41	-132.88	25.31	22.68	12.88	-3.01	1.64	1.96	-2.49	0.53	0.69	0.04	-0.34	0.86
MRFBM1FB9_SIN			0.00	683.13	-229.61	-135.34	-51.30	-7.35	9.97	15.09	3.18	3.29	3.51	-0.41	0.16	-0.10	-0.03	-1.92
MRFBM1TOR26P5_COS			-109.13	124.39	3.64	-0.51	0.29	-0.28	0.47	0.03	-0.49	0.36	-0.19	0.02	-0.13	0.08	0.12	0.15
MRFBM1TOR26P5_SIN			0.00	-240.95	4.62	0.01	-0.43	-0.29	-0.88	-0.10	0.25	-0.06	0.01	-0.02	0.01	-0.03	-0.02	-0.07

RUN	POINT		Harmonics															
	54	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-33.99	-1478.49	379.50	-56.97	-55.25	-33.10	-58.32	-16.34	13.12	-18.69	4.89	11.22	-0.80	0.65	0.03	-6.08
MRPC1CB33P25_SIN			0.00	-490.49	99.08	-22.81	103.32	-7.89	-18.84	-61.84	17.13	0.77	-67.59	17.28	8.13	7.49	-2.44	23.73
MRPC1FB33P25_COS			1873.02	324.67	-47.30	609.58	-94.90	-104.55	-111.10	-19.76	-47.55	-48.43	62.49	0.55	-2.35	6.77	15.32	4.01
MRPC1FB33P25_SIN			0.00	334.14	290.18	281.19	323.95	146.50	-19.83	-252.14	-54.19	-103.90	-114.72	21.15	7.13	9.87	-4.72	55.27
MRPC1TOR25P5_COS			-227.52	-75.09	-189.08	66.93	-26.14	10.52	-10.69	25.41	10.06	2.19	8.60	3.96	5.92	-4.98	-7.68	-7.70
MRPC1TOR25P5_SIN			0.00	90.40	-235.48	-93.45	42.61	-17.70	50.62	29.41	-1.76	-8.64	-15.30	8.54	9.90	8.51	2.77	3.02
MRPLK1LOAD_COS			15.93	-10.77	-24.29	6.14	-5.15	3.57	-2.78	3.71	3.33	-0.73	1.55	0.30	1.47	-0.81	-1.70	-1.98
MRPLK1LOAD_SIN			0.00	15.35	-31.55	-14.94	4.52	-1.76	7.16	3.94	-0.63	-0.50	-1.11	0.77	0.99	1.10	0.20	0.78
PITCHRH_COS			12774.40	-9147.31	-1144.56	449.39	22.35	-439.85	130.44	-4.24	-99.20	-56.49	42.51	47.94	14.21	35.92	-50.12	-177.36
PITCHRH_SIN			0.00	761.60	-1966.08	59.92	-151.00	1152.16	162.42	97.42	-5.85	-44.07	-279.29	14.55	-52.82	23.30	51.98	134.29
ROLLRH_COS			-9536.39	-992.70	2513.96	-192.10	170.77	-2442.83	-299.97	67.35	-29.74	136.60	204.16	-6.26	26.42	-68.95	106.49	85.15
ROLLRH_SIN			0.00	-9330.92	-1070.85	576.52	-241.49	797.27	-272.37	-11.69	0.12	-138.67	-33.52	-37.56	0.00	27.31	-23.53	206.75
TORQ_COS			103832.20	-185.96	-60.05	84.80	-166.49	-4.46	-0.72	45.33	-9.94	2.83	-18.68	-0.60	3.93	2.81	-4.31	12.32
TORQ_SIN			0.00	1231.32	-37.62	416.91	-203.65	-7.50	5.19	22.05	-36.21	-3.60	69.13	2.54	-5.50	2.32	-1.48	1.03
THRUST_COS			5863.41	61.44	0.92	70.25	14.20	51.24	6.85	34.72	1.55	-14.35	-0.18	-6.70	1.10	-6.08	-2.37	-20.37
THRUST_SIN			0.00	-357.78	-17.66	29.14	23.87	-96.81	15.45	-1.56	-2.33	6.35	57.00	-7.67	-3.64	-1.29	2.41	-20.63

RUN	POINT		Harmonics															
	54	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-241.36	56.26	-62.36	8.36	49.74	75.86	22.58	-3.75	-1.84	-3.70	-7.59	0.27	-1.24	2.01	-3.55	-2.40
SIDERH_SIN			0.00	233.81	25.72	11.23	61.89	-149.46	4.63	3.73	0.83	6.54	-3.24	3.16	-0.47	-1.36	1.21	-6.33
DRAGRH_COS			-56.11	247.87	34.23	-3.05	9.14	83.41	-38.86	5.54	-2.05	0.45	-8.64	1.41	-0.96	-1.23	1.58	8.55
DRAGRH_SIN			0.00	-51.53	-5.91	-12.04	-21.18	86.65	-17.29	3.87	-8.36	7.18	10.98	-1.09	4.60	-0.49	-2.17	-8.03

RUN	POINT		Harmonics															
	54	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.61	-0.20	-0.28	0.07	-0.03	0.00	0.02	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.55	-0.17	-0.10	0.01	-0.03	0.00	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.57	-4.82	-9.11	1.46	-1.32	0.23	0.70	-0.05	-0.39	-0.33	0.09	0.21	-0.19	-0.01	-0.04	-0.14
ACT1FORCE_SIN			0.00	18.75	-4.64	-1.79	1.63	-0.69	0.42	0.67	0.44	0.04	-0.38	0.03	0.11	-0.02	0.17	-0.12
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.71	-0.15	0.11	0.08	-0.01	0.05	-0.01	-0.02	-0.02	0.00	0.04	-0.01	0.00	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-0.10	-0.17	0.07	-0.02	0.02	0.04	0.01	-0.01	-0.03	0.00	0.03	-0.01	0.02	0.00	0.00
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	0.14	-0.10	-0.08	0.02	-0.05	0.02	0.02	0.02	0.01	-0.04	0.00	0.00	-0.01	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	0.07	0.16	-0.08	0.02	-0.02	-0.04	-0.01	0.01	0.03	0.01	-0.03	0.01	-0.01	0.00	0.00
MRBLD1CB42P75_COS			-822.18	-1788.37	494.76	-54.17	11.40	-54.84	-77.73	-19.86	13.71	-24.41	-13.11	2.50	-6.05	-6.28	-5.98	2.72
MRBLD1CB42P75_SIN			0.00	1204.07	109.63	28.02	195.71	-60.15	-6.65	-85.14	33.73	32.49	-79.21	11.58	14.49	14.24	4.38	30.81

RUN	POINT		Harmonics															
	54	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4346.69	-1306.11	315.84	-70.85	116.89	-92.40	-96.47	-14.50	11.96	-15.05	-35.59	2.66	-2.99	-3.15	-8.09	19.33
MRBLD1CB70_SIN			0.00	896.83	-51.23	83.77	288.91	-125.65	23.92	-48.56	18.11	36.25	-25.88	4.51	9.27	9.74	3.04	38.37
MRBLD1CB120_COS			-332.57	-759.53	240.84	51.54	137.45	-92.18	-83.08	11.24	-6.76	4.79	11.03	-5.99	3.93	5.24	3.79	-2.55
MRBLD1CB120_SIN			0.00	673.21	-103.09	60.89	340.45	-113.13	20.57	-49.26	-43.79	-35.43	43.89	2.10	-1.06	-0.69	-1.00	3.99
MRBLD1CB164_COS			-1960.82	-258.62	44.20	84.32	35.82	-55.55	-29.36	14.43	-12.88	9.19	30.56	-4.58	2.40	1.15	3.27	-11.47
MRBLD1CB164_SIN			0.00	254.39	-43.96	35.54	150.33	-53.53	8.21	5.89	-46.72	-45.29	30.43	7.31	1.36	-3.17	3.82	-24.99
MRBLD1FB42P75_COS			2450.31	429.80	201.68	791.46	-53.03	-46.27	-125.85	-181.68	-74.28	-106.15	-16.87	11.97	-0.06	10.90	2.40	49.10
MRBLD1FB42P75_SIN			0.00	-260.97	410.78	155.68	408.81	232.62	37.84	-249.12	1.60	-46.35	-131.80	19.53	8.71	0.49	-11.36	26.55
MRBLD1FB70_COS			601.37	104.40	74.47	237.60	-17.31	-12.45	-26.39	-23.26	-1.02	-2.19	-1.05	1.16	0.09	-1.03	-0.15	-9.21
MRBLD1FB70_SIN			0.00	-267.38	181.13	14.58	115.36	40.39	7.06	-39.66	7.01	6.67	3.44	2.06	1.49	0.72	2.36	-6.12
MRBLD1FB87_COS			81.42	117.86	0.97	126.29	-21.22	-14.58	-1.90	13.76	11.89	20.76	6.42	-0.75	1.60	-1.72	0.18	-10.32
MRBLD1FB87_SIN			0.00	-314.91	129.18	5.61	49.81	6.22	-4.40	19.63	-2.77	9.00	31.24	-3.48	-0.12	1.79	5.03	-2.20
MRBLD1FB120_COS			-277.90	151.51	-96.75	122.84	-7.45	-28.41	11.66	27.39	-7.43	-5.48	-6.83	-6.48	-3.79	0.95	-0.05	15.94
MRBLD1FB120_SIN			0.00	-425.57	135.71	71.67	31.54	-1.19	-2.58	64.67	-6.21	-9.92	-15.09	-2.70	-5.44	-6.28	-8.67	2.54
MRBLD1FB164_COS			-29.66	191.20	74.57	73.40	87.04	56.29	27.52	-23.92	3.90	7.31	5.94	5.60	3.16	-4.57	-3.02	-7.57
MRBLD1FB164_SIN			0.00	-658.79	280.22	191.52	-40.55	-40.84	-12.76	-92.91	11.14	16.09	21.12	-2.28	3.06	2.11	2.09	-1.81

RUN	POINT		Harmonics															
	54	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-114.34	33.03	112.72	-0.06	60.51	60.20	12.36	-32.10	5.34	32.97	13.45	-10.78	-10.74	-4.43	0.86	19.67
MRBLD1FB180_SIN			0.00	-490.30	194.03	129.74	-52.19	-16.12	0.63	-84.78	2.43	23.94	62.93	-14.77	-14.17	-10.71	-10.65	3.82
MRBLD1TOR51_COS			-1604.57	216.00	172.28	-17.12	18.27	-18.23	13.96	-32.80	-9.53	1.96	-1.05	-1.90	-1.97	1.76	2.92	1.77
MRBLD1TOR51_SIN			0.00	-325.81	229.71	91.53	-16.97	24.98	-41.99	-42.34	3.79	1.20	9.83	-2.45	-5.56	-5.88	-1.71	5.70
MRBLD1TOR71_COS			-446.53	236.63	134.70	-34.06	22.83	-7.12	22.28	-28.16	-4.97	5.36	-1.52	-3.16	-0.15	1.68	2.60	0.56
MRBLD1TOR71_SIN			0.00	-305.92	199.11	61.24	-38.74	21.52	-35.42	-25.10	4.95	3.97	14.63	-3.26	-4.49	-3.85	0.12	3.64
MRBLD1TOR130_COS			-198.53	216.29	136.85	-60.31	26.79	0.65	16.37	-20.33	-1.15	1.31	7.68	-3.86	0.35	-1.21	-1.26	-2.03
MRBLD1TOR130_SIN			0.00	-279.38	141.90	58.86	-49.02	14.38	-26.21	-29.24	3.92	-2.47	0.21	2.73	2.59	3.76	2.83	-1.08
MRBLD1TOR164_COS			-362.59	117.83	92.55	-59.69	4.30	-5.64	0.02	-13.01	3.63	4.41	-0.38	-2.55	1.96	-1.15	-0.70	0.40
MRBLD1TOR164_SIN			0.00	-153.74	51.44	6.87	-26.85	16.10	-13.09	-12.60	1.39	3.40	3.37	-2.92	1.04	2.87	-0.60	0.03
MRFBM1CB26P5_COS			-1028.30	-961.74	226.91	-62.46	-20.22	7.63	7.18	-1.64	0.46	-1.62	11.44	0.52	-0.09	0.33	1.93	-3.51
MRFBM1CB26P5_SIN			0.00	444.59	134.48	-56.78	-14.59	3.38	-12.88	-12.32	2.99	-5.20	-15.74	1.66	0.04	-0.36	-0.94	-0.31
MRFBM1FB9_COS			524.65	7.99	-242.75	-153.38	26.33	23.09	11.33	-2.00	2.56	2.25	-2.11	0.62	0.63	0.21	-0.29	0.82
MRFBM1FB9_SIN			0.00	-55.91	-238.63	-127.69	-51.60	-11.49	9.27	17.05	2.66	2.95	3.31	-0.14	0.15	-0.16	0.12	-2.21
MRFBM1TOR26P5_COS			-113.86	74.99	4.05	-0.90	0.29	-0.45	0.68	0.07	-0.32	-0.03	-0.19	0.24	-0.07	0.03	0.03	0.07
MRFBM1TOR26P5_SIN			0.00	-239.12	3.45	0.83	-1.05	-0.08	-0.87	-0.03	0.08	0.04	0.10	0.02	-0.08	-0.15	-0.10	-0.04

RUN	POINT	Harmonics																
	54	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-23.13	-1429.66	439.87	-39.15	-28.45	-31.57	-63.91	-19.89	15.29	-16.30	3.92	2.87	-1.87	-2.69	-0.96	-0.94
MRPC1CB33P25_SIN			0.00	1125.02	89.92	1.09	127.34	-14.14	-12.01	-78.58	13.62	0.73	-69.31	10.20	8.62	11.32	1.20	27.29
MRPC1FB33P25_COS			1790.08	349.05	34.64	656.61	-121.07	-101.92	-119.01	-45.74	-51.29	-50.47	68.19	0.78	-2.95	6.52	11.57	4.80
MRPC1FB33P25_SIN			0.00	-17.76	336.62	263.45	338.87	171.66	-6.97	-282.76	-41.21	-92.83	-110.58	21.46	7.00	10.33	-3.54	62.27
MRPC1TOR25P5_COS			-215.23	-159.21	-207.43	60.78	-26.37	24.53	-18.43	32.47	13.49	2.19	10.46	0.66	4.23	-2.96	-3.27	-3.90
MRPC1TOR25P5_SIN			0.00	122.49	-236.73	-90.77	35.60	-27.19	52.56	35.06	-6.50	-5.36	-17.03	6.42	11.64	12.58	6.64	1.06
MRPLK1LOAD_COS			17.82	-24.02	-27.59	6.26	-5.04	4.85	-3.84	4.49	3.31	0.56	1.79	-1.04	0.88	-0.36	-0.59	-1.05
MRPLK1LOAD_SIN			0.00	22.19	-32.15	-15.28	4.40	-3.65	7.19	4.73	-0.86	-0.29	-1.75	0.13	1.64	2.33	1.16	0.32
PITCHRH_COS			13025.26	-9133.89	-979.20	542.27	56.54	-391.05	269.20	-16.24	-101.08	-71.52	3.69	-4.27	49.25	48.93	-27.18	-184.06
PITCHRH_SIN			0.00	742.54	-2150.48	112.56	-123.62	1304.66	142.48	116.77	207.42	-33.25	-285.85	33.05	-21.64	48.89	20.17	174.72
ROLLRH_COS			3966.26	-1133.13	2703.16	-149.90	124.31	-2484.13	-152.61	111.65	-206.48	108.44	173.91	19.21	59.57	-52.51	27.72	72.40
ROLLRH_SIN			0.00	-9183.00	-853.52	586.77	-141.83	682.62	-190.63	-72.03	23.21	-134.78	-58.59	-21.96	21.03	-41.50	-31.24	203.05
TORQ_COS			101525.55	6.72	-138.58	70.94	-124.31	-23.16	0.43	29.89	-10.98	-4.17	-28.32	-1.96	2.12	-1.11	-4.62	11.80
TORQ_SIN			0.00	1231.27	-89.65	468.59	-167.67	12.15	8.97	39.21	-35.11	-5.93	73.37	1.65	-6.33	5.43	-0.78	0.60
THRUST_COS			5690.92	34.88	14.39	77.92	2.49	53.05	6.71	21.70	3.26	-1.58	-12.37	-6.93	-0.97	0.57	7.45	-23.61
THRUST_SIN			0.00	-345.81	-28.46	27.57	24.42	-103.07	12.65	4.86	5.06	-0.71	60.80	-1.25	-1.35	3.92	2.80	-26.80

RUN	POINT		Harmonics															
	54	4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-133.40	56.27	-76.34	9.94	42.50	97.06	15.12	-2.95	3.52	-2.81	-6.00	-0.76	-2.96	1.68	-1.16	-1.68
SIDERH_SIN			0.00	237.78	20.86	9.96	40.80	-135.59	-4.02	3.96	-0.93	7.04	-3.68	2.48	-0.31	1.34	0.68	-6.05
DRAGRH_COS			-53.80	248.65	46.13	-5.31	5.65	-2.78	-47.98	-0.57	-5.27	1.09	-7.06	2.29	-1.57	-2.44	1.66	8.22
DRAGRH_SIN			0.00	-53.05	4.52	-9.47	-15.49	89.44	-1.82	2.59	-13.62	7.77	12.18	-1.46	3.02	-1.33	-0.77	-11.15

RUN	POINT		Harmonics															
	54	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.88	-0.25	-0.33	0.09	0.02	-0.02	0.02	-0.01	0.01	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.61	-0.21	-0.15	0.05	-0.01	0.01	0.01	0.00	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.33	0.03	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.08	0.03	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-4.69	-5.86	-10.25	2.17	0.16	-0.47	0.57	-0.61	-0.06	-0.24	-0.13	0.22	0.00	-0.08	0.04	-0.14
ACT1FORCE_SIN			0.00	19.66	-5.23	-3.22	2.47	-0.38	0.40	0.50	-0.01	0.37	-0.38	-0.09	0.16	0.01	0.07	0.00
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			653.98	-0.16	0.12	0.11	-0.05	0.03	-0.02	-0.01	0.00	-0.04	0.03	0.01	0.00	0.00	-0.01	-0.02
FA1IBVOLTAGE_SIN			0.00	-0.05	-0.18	0.10	0.02	-0.01	0.03	-0.02	0.02	-0.03	-0.03	0.02	0.01	0.01	0.02	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			151.38	0.21	-0.14	-0.12	0.08	-0.03	0.02	0.02	0.00	0.05	-0.03	0.00	0.00	0.00	0.01	0.02
FA1OBVOLTAGE_SIN			0.00	0.04	0.18	-0.10	0.00	0.03	-0.02	0.03	-0.01	0.03	0.03	-0.02	-0.01	-0.01	-0.02	0.02
MRBLD1CB42P75_COS			-826.79	-3167.78	379.30	-103.30	-7.10	18.27	-115.25	53.46	25.37	-40.45	-11.17	-19.85	-10.05	-2.02	-14.03	-0.50
MRBLD1CB42P75_SIN			0.00	72.77	61.27	-20.52	161.21	-20.81	1.46	-127.53	45.77	32.05	-59.51	36.69	5.97	7.58	1.38	27.93

RUN	POINT		Harmonics															
	54	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4393.02	-2200.70	140.74	-26.48	82.34	-55.15	-92.44	32.04	11.95	-25.11	-60.74	-11.41	-4.78	0.68	-13.13	10.51
MRBLD1CB70_SIN			0.00	75.20	-116.69	-4.70	249.93	-52.60	21.57	-101.49	20.84	36.19	-3.25	23.75	4.62	3.60	-1.23	31.30
MRBLD1CB120_COS			-332.36	-1125.12	48.75	136.29	100.35	-117.59	-41.17	17.18	-20.70	25.23	16.36	2.42	5.40	3.60	4.77	-2.92
MRBLD1CB120_SIN			0.00	299.18	-176.90	-25.61	312.02	-40.45	10.90	-88.62	-56.46	-37.78	27.51	-13.59	-0.74	-0.66	-0.34	2.08
MRBLD1CB164_COS			-1917.70	-332.62	-8.27	134.29	15.31	-77.61	7.10	-10.83	-14.76	31.19	57.57	3.88	0.39	-0.27	6.85	-7.46
MRBLD1CB164_SIN			0.00	138.83	-65.99	-6.70	147.13	-40.56	3.93	4.60	-58.74	-42.53	15.01	-8.03	2.24	-3.34	6.51	-18.16
MRBLD1FB42P75_COS			2277.35	812.51	328.99	778.24	-66.59	-7.70	-199.17	-83.56	-56.88	-99.10	37.59	0.24	-5.41	11.89	-0.41	36.69
MRBLD1FB42P75_SIN			0.00	-104.78	551.08	-43.02	293.30	261.94	63.25	-447.77	15.21	-60.55	-198.49	35.00	-2.54	-0.57	-3.67	23.76
MRBLD1FB70_COS			557.97	116.03	127.45	236.16	-18.51	1.02	-42.05	-6.52	-0.09	-4.42	-2.87	1.36	0.42	-1.28	0.69	-6.89
MRBLD1FB70_SIN			0.00	-296.29	227.42	-59.76	84.02	51.28	15.63	-75.45	9.71	7.06	3.92	1.29	1.99	0.66	0.94	-5.55
MRBLD1FB87_COS			79.64	139.91	47.76	128.29	-16.23	-13.57	2.17	4.99	9.57	19.61	-6.43	1.85	2.32	-2.69	-0.03	-9.03
MRBLD1FB87_SIN			0.00	-316.04	159.90	-40.74	38.20	8.94	-4.59	36.18	-4.83	11.99	44.08	-8.81	2.31	2.37	2.78	-2.43
MRBLD1FB120_COS			-233.93	194.40	-41.92	144.36	-6.26	-43.47	31.81	1.04	-8.36	-2.71	-0.87	-6.30	-3.14	2.37	0.80	13.60
MRBLD1FB120_SIN			0.00	-391.15	167.49	8.64	45.26	-21.71	-13.82	108.27	-12.48	-11.76	-18.23	-0.17	-7.90	-6.33	-5.68	3.42
MRBLD1FB164_COS			-264.89	305.50	171.63	79.77	94.22	59.43	5.76	15.14	10.01	-5.13	-6.45	10.76	3.25	-7.36	-2.77	-5.76
MRBLD1FB164_SIN			0.00	-780.28	365.45	119.09	-40.70	-34.78	4.46	-157.04	23.07	21.56	24.01	-6.13	7.87	3.18	-1.29	-3.00

RUN	POINT		Harmonics															
	54	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-347.71	118.60	163.03	0.27	55.52	81.70	-5.14	-10.21	7.08	28.49	-13.34	-6.73	-6.75	0.04	2.14	15.79
MRBLD1FB180_SIN			0.00	-603.23	236.11	99.66	-64.44	-16.22	33.25	-137.27	-1.82	27.91	87.39	-24.16	-17.27	-12.44	-8.21	5.53
MRBLD1TOR51_COS			-1934.16	237.19	256.87	-48.36	-3.75	-0.75	17.28	-16.61	-18.15	6.72	-9.14	-1.60	-1.04	4.39	4.48	-0.15
MRBLD1TOR51_SIN			0.00	-629.07	290.72	98.44	-52.95	39.05	-35.22	-64.75	-9.04	-1.27	15.84	-2.54	-6.71	-5.64	-0.30	5.03
MRBLD1TOR71_COS			-753.32	276.95	221.31	-64.77	3.51	5.09	27.70	-21.47	-13.58	9.34	-10.39	-0.27	-0.69	3.39	3.98	-0.45
MRBLD1TOR71_SIN			0.00	-579.16	253.85	78.95	-66.01	31.55	-30.42	-39.53	-8.38	1.13	19.58	-2.80	-5.16	-4.12	1.03	3.84
MRBLD1TOR130_COS			-510.31	253.16	224.73	-88.79	8.30	9.52	19.48	-9.26	-9.15	2.93	10.70	-2.85	-2.07	-1.84	-1.66	-1.12
MRBLD1TOR130_SIN			0.00	-560.97	187.98	88.18	-67.20	19.90	-24.39	-42.29	-1.24	-6.10	2.04	5.96	1.25	2.02	1.96	-0.12
MRBLD1TOR164_COS			-569.17	125.41	144.65	-81.44	-7.63	1.59	-3.01	-8.37	1.34	2.27	-1.90	1.37	0.72	-2.62	-2.15	2.17
MRBLD1TOR164_SIN			0.00	-353.82	65.09	41.93	-40.76	22.21	-13.47	-20.56	0.80	2.45	2.78	-0.80	1.36	2.04	-1.84	0.20
MRFBM1CB26P5_COS			-1060.74	-1808.40	215.16	-143.07	-17.00	26.76	-2.77	6.54	2.47	-1.45	21.33	-0.81	0.05	-0.29	1.33	-2.47
MRFBM1CB26P5_SIN			0.00	-380.26	126.93	-23.63	-13.61	2.66	-9.65	-5.99	6.10	-5.59	-16.27	1.27	-0.09	0.34	0.20	0.20
MRFBM1FB9_COS			238.10	880.57	-288.49	-171.46	18.91	22.48	17.33	-14.41	2.67	1.86	-4.16	1.32	0.04	0.06	-0.02	0.81
MRFBM1FB9_SIN			0.00	189.38	-325.09	-78.37	-40.33	-14.24	8.41	22.02	1.69	3.39	2.23	0.36	0.65	-0.19	0.22	-1.58
MRFBM1TOR26P5_COS			-116.78	77.40	6.17	-1.30	0.44	0.08	0.60	-0.07	-0.14	-0.01	-0.36	0.06	0.05	0.06	0.04	0.03
MRFBM1TOR26P5_SIN			0.00	-241.27	4.45	0.06	-0.99	0.14	-0.28	-0.06	0.01	0.21	0.16	-0.14	-0.05	-0.09	-0.06	-0.08

RUN	POINT		Harmonics															
	54	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-63.62	-2517.37	338.72	-108.92	-45.24	27.81	-98.83	33.63	31.09	-21.44	20.71	-9.98	-4.94	-0.55	-8.17	-2.67
MRPC1CB33P25_SIN			0.00	378.53	38.24	-8.65	108.55	-15.57	-2.18	-108.04	24.89	2.13	-65.93	28.11	3.18	6.61	-0.14	25.57
MRPC1FB33P25_COS			1651.61	658.77	106.21	677.33	-109.84	-78.41	-188.09	112.73	-42.24	-38.69	145.82	-19.71	0.24	7.98	1.54	-0.52
MRPC1FB33P25_SIN			0.00	135.65	467.11	92.63	241.79	205.17	-12.92	-403.25	-18.67	-100.01	-126.75	26.75	-3.11	10.53	-1.60	50.11
MRPC1TOR25P5_COS			127.80	-199.37	-296.85	95.78	-0.92	4.98	-26.25	24.12	22.14	-4.19	23.85	1.28	-0.48	-7.06	-7.22	-1.13
MRPC1TOR25P5_SIN			0.00	428.15	-299.55	-104.63	72.13	-39.25	41.81	54.38	9.77	-3.77	-24.00	11.46	11.37	10.67	3.90	1.83
MRPLK1LOAD_COS			63.19	-30.26	-39.04	11.33	-1.62	1.72	-4.62	3.61	3.82	-0.41	3.75	-0.22	-0.19	-0.98	-1.13	-0.41
MRPLK1LOAD_SIN			0.00	60.38	-40.19	-16.41	8.80	-5.54	5.41	7.76	1.35	-0.65	-2.66	1.44	1.43	1.70	0.62	0.60
PITCHRH_COS			-324.62	-8321.25	400.23	794.95	-73.40	-558.36	79.46	-21.49	-16.22	-28.67	-171.32	36.09	55.52	14.27	-24.48	-133.30
PITCHRH_SIN			0.00	765.18	-3506.64	-232.02	-184.45	1028.25	188.51	-35.70	500.89	-56.07	-240.22	-34.87	-7.87	35.58	16.14	161.17
ROLLRH_COS			-822.64	-1132.67	3932.89	158.40	-374.97	-1954.03	-142.72	38.25	-333.00	39.94	145.86	20.73	60.93	-76.53	43.38	-90.15
ROLLRH_SIN			0.00	-8443.05	432.79	832.46	-389.76	860.74	-92.76	-45.81	-94.76	-51.76	55.07	17.71	55.80	50.36	-14.26	88.50
TORQ_COS			99110.64	-353.19	-9.65	390.19	12.97	-136.18	1.89	-7.66	-28.04	-3.58	-64.35	-4.32	3.21	0.49	-3.46	7.80
TORQ_SIN			0.00	906.98	-140.22	644.05	-88.70	-18.20	3.03	-12.02	-32.96	-8.83	84.15	0.48	-8.48	3.82	-3.78	-1.49
THRUST_COS			5001.54	233.90	59.08	137.78	-2.99	39.01	4.32	11.15	-2.09	-4.15	-40.86	-2.20	-3.25	3.97	-0.38	-17.26
THRUST_SIN			0.00	-212.10	-80.57	8.50	10.19	-123.22	12.66	0.19	4.92	-3.19	64.36	1.76	-3.93	-3.54	1.30	-13.79

RUN	POINT		Harmonics															
	54	5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-136.05	48.76	-118.43	25.65	157.20	56.58	15.38	1.16	6.27	0.60	-2.59	-1.40	-2.95	1.73	-1.44	3.62
SIDERH_SIN			0.00	230.07	-10.82	15.80	0.59	-140.42	-0.83	6.27	1.68	2.61	-6.35	-1.00	-2.20	-1.40	0.55	-3.08
DRAGRH_COS			-177.88	253.30	59.94	-14.19	-15.89	-56.27	-43.31	1.90	-7.63	-1.32	6.14	-1.16	-1.98	-0.83	1.68	5.75
DRAGRH_SIN			0.00	-35.73	58.81	-11.17	-22.11	-2.09	-18.08	-7.46	-18.39	9.20	6.93	2.44	5.55	-0.99	-0.32	-9.37

RUN	POINT		Harmonics															
	54	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.55	-0.14	-0.27	0.11	-0.03	-0.01	0.03	-0.01	0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.49	-0.15	-0.10	0.05	-0.05	0.01	0.00	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.83	0.02	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.05	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-21.21	-3.06	-9.41	2.34	-1.62	-0.03	0.73	-0.51	0.16	-0.28	0.19	0.21	-0.18	0.00	-0.09	-0.10
ACT1FORCE_SIN			0.00	17.09	-4.15	-2.47	3.04	-1.18	0.74	0.11	0.19	0.28	-0.49	0.03	0.10	0.03	0.14	-0.15
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			151.24	-0.16	0.09	0.08	-0.07	0.08	-0.05	0.00	-0.01	-0.02	0.04	-0.01	-0.01	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	0.00	-0.17	0.12	-0.07	0.00	0.06	-0.03	0.02	-0.03	0.01	0.02	-0.01	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			654.91	0.15	-0.09	-0.08	0.06	-0.06	0.03	0.00	0.01	0.02	-0.03	0.01	0.00	-0.01	0.02	-0.01
FA1OBVOLTAGE_SIN			0.00	0.03	0.15	-0.11	0.06	0.01	-0.05	0.03	-0.01	0.03	-0.01	-0.03	0.01	-0.02	0.01	0.02
MRBLD1CB42P75_COS			-809.71	-77.09	597.79	63.04	-135.22	-101.57	-57.81	-110.54	10.22	-17.31	-15.47	34.34	-9.37	-14.77	4.61	-16.38
MRBLD1CB42P75_SIN			0.00	2524.90	-0.66	2.76	188.04	-103.49	-40.32	-5.53	-1.68	31.86	-68.88	0.21	14.95	19.46	2.25	37.10

RUN	POINT		Harmonics															
	54	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4324.13	-259.63	458.57	-19.89	-109.83	-103.24	-164.20	-60.35	14.39	-11.83	-5.56	25.06	-6.45	-6.64	1.06	-3.03
MRBLD1CB70_SIN			0.00	1845.72	-93.26	86.47	276.93	-168.03	8.66	15.64	2.48	33.02	-18.27	-6.15	5.19	13.61	-2.52	47.06
MRBLD1CB120_COS			-289.91	-374.75	386.82	46.89	-74.32	-74.19	-204.98	24.94	17.00	2.26	-0.73	-19.45	3.41	5.02	3.23	-5.31
MRBLD1CB120_SIN			0.00	1123.25	-80.35	68.10	382.06	-165.15	28.40	3.48	-44.92	-26.26	39.55	5.47	1.70	-2.36	0.72	1.47
MRBLD1CB164_COS			-2004.14	-190.34	84.87	71.34	-37.99	-57.10	-91.98	58.73	6.69	2.02	-4.04	-18.64	4.06	2.36	-4.41	4.46
MRBLD1CB164_SIN			0.00	371.65	-36.16	38.46	163.88	-70.72	22.48	5.97	-38.89	-36.88	15.68	15.13	2.73	-4.47	5.10	-27.79
MRBLD1FB42P75_COS			2644.70	-5.29	163.96	759.68	-70.63	-79.33	-90.64	-242.73	-79.60	-82.26	-87.17	21.94	12.46	7.91	22.11	37.54
MRBLD1FB42P75_SIN			0.00	-446.36	358.30	243.45	750.41	110.88	-38.13	3.50	-99.78	-59.04	-80.79	-19.70	17.15	9.85	-30.52	60.10
MRBLD1FB70_COS			640.93	103.51	37.52	239.93	-39.28	-21.34	-22.83	-33.91	-4.13	-0.77	0.28	0.22	-1.65	-1.23	-4.82	-6.61
MRBLD1FB70_SIN			0.00	-242.22	154.87	39.12	216.18	6.98	-12.80	9.44	-4.35	5.66	4.17	3.21	0.94	-0.05	5.31	-13.60
MRBLD1FB87_COS			80.04	106.62	-38.83	130.37	-32.70	-13.22	-4.29	21.26	13.34	16.23	22.61	-3.13	-0.91	-0.84	-4.11	-7.90
MRBLD1FB87_SIN			0.00	-317.52	112.25	19.74	90.96	-5.16	-4.04	-2.61	12.21	10.78	19.54	6.83	-2.19	-0.87	8.85	-9.45
MRBLD1FB120_COS			-318.19	125.81	-137.92	102.20	3.03	-27.45	2.89	44.12	-5.33	-8.78	-11.53	-5.25	-2.91	0.58	6.55	12.47
MRBLD1FB120_SIN			0.00	-471.95	120.23	97.82	-4.40	21.32	11.57	-3.19	11.13	-9.68	-14.01	-10.82	-4.64	-3.86	-14.07	13.76
MRBLD1FB164_COS			186.07	112.23	11.68	30.55	73.34	42.25	49.06	-54.05	-6.34	18.49	20.47	-1.32	2.46	0.13	-6.26	-7.29
MRBLD1FB164_SIN			0.00	-557.27	238.35	262.45	-131.98	-19.97	-26.82	2.52	-15.91	10.24	21.43	5.69	-2.65	-1.38	5.65	-6.41

RUN	POINT		Harmonics															
	54	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			111.33	-35.55	72.85	-26.91	61.74	34.35	21.27	-37.85	2.38	24.60	46.70	-11.64	-10.52	-4.74	10.03	17.01
MRBLD1FB180_SIN			0.00	-383.83	174.69	168.10	-99.69	5.23	-39.17	-8.03	4.06	28.07	37.05	-6.72	-20.78	-12.66	-16.51	16.77
MRBLD1TOR51_COS			-1299.02	201.94	108.90	-26.09	25.40	-20.33	6.38	-49.85	-1.07	0.90	6.11	0.66	0.37	2.28	5.77	1.26
MRBLD1TOR51_SIN			0.00	-26.68	207.25	72.70	3.93	40.07	-76.29	-2.58	-4.37	12.56	5.01	-2.45	-6.00	-4.36	-2.62	5.19
MRBLD1TOR71_COS			-163.03	199.86	67.34	-41.80	38.07	-7.37	14.68	-34.71	-0.50	2.43	6.60	-3.19	1.01	2.17	2.65	0.22
MRBLD1TOR71_SIN			0.00	-40.34	178.96	39.01	-32.13	41.14	-62.68	3.07	2.46	15.16	10.04	-1.64	-4.87	-2.76	-0.04	3.29
MRBLD1TOR130_COS			91.32	184.97	68.10	-69.40	44.24	3.00	10.80	-28.47	1.01	1.14	4.14	-2.16	-1.21	-1.93	-4.09	-2.05
MRBLD1TOR130_SIN			0.00	-4.13	124.18	37.32	-62.07	34.83	-43.23	-2.79	-3.49	6.15	-3.02	2.89	3.36	3.21	3.06	-0.87
MRBLD1TOR164_COS			-167.77	109.45	49.10	-58.08	8.76	-2.90	2.81	-10.06	-2.30	3.56	3.87	-3.09	-0.06	-0.19	0.32	-3.12
MRBLD1TOR164_SIN			0.00	45.28	49.30	-17.18	-21.10	18.93	-24.09	1.06	2.40	4.59	2.11	-2.10	0.40	0.78	1.19	1.34
MRFBM1CB26P5_COS			-1021.74	-195.31	275.92	-1.76	-5.35	-16.64	30.33	-12.10	-2.55	-0.07	0.22	2.00	0.76	-0.29	3.07	-3.84
MRFBM1CB26P5_SIN			0.00	1337.23	134.70	-84.38	-31.94	-1.21	-18.80	-10.87	-5.71	-4.76	-16.74	1.10	2.09	-0.45	0.34	-0.89
MRFBM1FB9_COS			803.18	-835.41	-212.79	-135.78	54.40	18.24	7.91	10.76	-0.51	1.36	-0.80	-0.89	0.73	0.46	-0.98	2.20
MRFBM1FB9_SIN			0.00	-343.76	-212.63	-143.17	-86.87	-0.29	17.85	8.60	5.54	2.82	4.65	-0.15	-0.17	-0.20	-0.52	-1.84
MRFBM1TOR26P5_COS			-109.99	79.14	3.19	-0.62	0.48	-0.13	0.58	-0.28	-0.01	0.05	-0.09	0.24	0.00	0.03	0.10	0.15
MRFBM1TOR26P5_SIN			0.00	-234.81	4.86	0.65	-0.85	0.09	-1.62	0.02	0.11	-0.08	0.16	0.00	-0.12	-0.11	-0.12	-0.08

RUN	POINT		Harmonics															
	54	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			7.01	140.35	516.57	80.01	-84.60	-91.36	-30.90	-87.97	10.45	-11.49	-18.38	24.88	-3.55	-9.38	9.49	-17.87
MRPC1CB33P25_SIN			0.00	2011.38	-53.69	-36.30	139.63	-43.34	-36.86	-7.56	-20.35	2.15	-61.11	-2.80	12.34	13.54	-0.13	33.02
MRPC1FB33P25_COS			1938.96	-12.24	16.93	622.49	-220.88	-98.31	-63.86	-192.11	-10.53	-23.00	-13.25	32.28	-0.56	-2.69	38.82	-33.50
MRPC1FB33P25_SIN			0.00	-206.44	277.70	335.04	618.52	64.22	-51.78	-106.71	-122.30	-89.42	-114.13	0.23	23.20	13.05	2.18	70.74
MRPC1TOR25P5_COS			-533.89	-116.24	-139.39	70.36	-44.93	27.49	-7.24	44.50	3.12	3.34	-2.71	-0.66	-0.93	-4.88	-8.24	-9.58
MRPC1TOR25P5_SIN			0.00	-170.36	-217.48	-68.80	19.35	-47.30	91.96	0.46	-1.28	-14.51	-11.95	6.48	13.66	10.27	8.80	2.76
MRPLK1LOAD_COS			-24.39	-18.52	-18.54	8.18	-7.79	4.88	-2.35	6.79	1.48	0.37	0.01	-1.11	-0.12	-0.66	-1.67	-2.02
MRPLK1LOAD_SIN			0.00	-14.43	-29.79	-12.51	1.57	-6.07	12.84	-0.01	0.04	-0.98	-1.39	0.25	2.04	1.95	1.60	0.65
PITCHRH_COS			28781.02	-9183.82	-2243.17	419.68	-3.13	3.45	27.69	-25.17	-244.24	-14.21	214.09	-29.16	59.49	-40.50	-74.92	-57.70
PITCHRH_SIN			0.00	863.98	-1017.55	368.63	-152.93	1565.56	-49.78	-98.75	92.95	-68.59	-281.71	12.11	-101.01	27.04	3.38	85.49
ROLLRH_COS			8985.97	-851.93	1308.08	-480.38	165.20	-3669.38	-137.59	135.92	-91.70	194.70	178.37	-6.51	124.98	-84.08	32.70	91.27
ROLLRH_SIN			0.00	-9373.27	-2424.39	271.65	-112.94	-82.94	-335.78	-125.29	-61.94	63.30	-133.41	-74.96	42.42	-97.54	32.02	363.70
TORQ_COS			104186.58	108.95	-114.59	-152.45	-51.07	103.22	12.80	62.90	12.43	2.96	13.87	-5.62	0.23	-2.38	-3.38	10.03
TORQ_SIN			0.00	855.94	146.50	472.35	-158.12	47.06	12.78	32.15	-18.77	-0.51	63.54	3.28	-5.29	6.19	-1.82	4.98
THRUST_COS			6495.04	41.07	-54.87	40.68	9.81	51.15	8.85	25.14	-10.92	0.38	12.82	-12.31	-11.03	0.93	-2.09	-1.55
THRUST_SIN			0.00	-276.09	-0.72	68.05	26.91	-64.26	8.36	-3.24	3.20	4.54	39.50	1.61	-1.10	4.21	6.69	-36.31

RUN	POINT		Harmonics															
	54	6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-125.23	53.92	-15.81	0.09	12.53	181.35	10.34	-2.88	-0.42	-6.70	-7.49	-1.70	-4.57	2.51	-1.06	-2.05
SIDERH_SIN			0.00	242.08	48.86	6.39	38.87	-168.65	17.98	3.65	0.80	-1.42	-0.25	4.85	-1.38	2.90	-1.45	-10.49
DRAGRH_COS			152.68	249.62	11.17	10.76	2.97	11.15	-12.31	-0.12	3.30	-5.18	-20.53	4.80	-1.82	1.44	3.44	4.89
DRAGRH_SIN			0.00	-53.46	-24.22	-12.57	-1.66	301.06	-28.25	7.15	-10.91	6.08	10.36	0.09	5.83	-2.12	0.71	-5.17

RUN	POINT		Harmonics															
	54	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.17	0.88	-0.41	0.04	-0.09	-0.04	0.04	-0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	1.11	-0.16	-0.19	0.10	-0.04	0.01	0.00	0.00	0.01	-0.01	0.00	-0.01	0.00	0.00	0.00
ACT1DISP_COS			2.64	-0.10	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.12	0.02	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-15.02	-4.62	-12.26	1.65	-2.75	-0.99	1.37	-0.57	-0.13	-0.25	0.19	0.00	0.11	0.02	-0.12	-0.03
ACT1FORCE_SIN			0.00	25.75	-2.80	-4.03	3.31	-1.41	0.27	0.42	-0.05	0.01	-0.12	-0.06	-0.06	0.18	0.02	-0.03
FA1IBCURRENT_COS			-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.68	250.57	0.16	0.29	-0.14	0.11	-0.06	0.01	-0.01	-0.01	0.02	0.01	0.03	-0.02	0.01	-0.03
FA1IBVOLTAGE_SIN			0.00	10.41	-0.40	0.12	-0.17	-0.05	0.09	-0.06	-0.01	-0.03	0.02	-0.02	0.02	0.00	-0.01	-0.01
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.08	-251.03	-0.07	-0.29	0.12	-0.10	0.05	-0.01	0.01	0.01	-0.02	-0.01	-0.02	0.02	0.00	0.02
FA1OBVOLTAGE_SIN			0.00	-10.27	0.23	-0.11	0.15	0.05	-0.09	0.06	0.01	0.03	-0.01	0.01	-0.02	0.00	0.02	0.01
MRBLD1CB42P75_COS			-806.31	-1889.07	527.29	-70.70	2.86	-25.62	-94.08	-33.65	14.45	-16.95	40.94	1.69	-6.80	-7.93	-5.38	-2.54
MRBLD1CB42P75_SIN			0.00	1542.35	127.86	48.56	144.17	-57.99	-12.16	-101.19	23.79	33.42	-73.05	14.79	11.56	8.31	4.44	28.63

RUN	POINT Harmonics																	
	54	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4369.78	-1413.64	315.87	-76.75	73.60	-50.94	-125.48	-8.19	11.79	-5.98	-2.89	1.85	-1.87	-2.75	-6.65	9.22
MRBLD1CB70_SIN			0.00	1096.23	-1.56	54.57	218.46	-135.27	24.37	-46.19	9.52	39.84	-24.26	5.82	4.87	6.62	-0.24	37.82
MRBLD1CB120_COS			-313.85	-842.42	226.21	38.64	72.78	-51.95	-123.25	31.99	-1.68	-0.73	-18.39	-4.74	3.36	5.28	1.51	-3.66
MRBLD1CB120_SIN			0.00	732.11	-68.71	11.86	281.05	-127.25	20.33	-17.69	-35.50	-37.34	40.67	-1.15	-2.14	1.75	-1.18	3.79
MRBLD1CB164_COS			-1969.65	-264.01	29.00	68.72	6.67	-39.60	-43.90	27.39	-9.88	2.25	6.76	-6.52	-0.03	0.82	1.41	-4.65
MRBLD1CB164_SIN			0.00	271.53	-27.34	-2.32	130.31	-64.61	3.35	27.87	-39.43	-50.28	27.30	5.81	1.66	-1.61	4.68	-23.98
MRBLD1FB42P75_COS			2447.90	439.81	310.06	627.23	-134.25	-24.45	-149.31	-199.91	-49.25	-116.45	20.51	14.28	3.05	7.58	9.95	39.94
MRBLD1FB42P75_SIN			0.00	-339.30	336.91	71.84	417.45	260.50	31.16	-255.40	-1.42	-51.31	-148.53	24.58	9.04	-1.84	-9.04	26.87
MRBLD1FB70_COS			598.60	106.62	106.01	183.74	-42.68	-4.07	-32.86	-27.22	0.46	-3.52	-0.43	0.59	-0.35	-0.91	-1.28	-7.80
MRBLD1FB70_SIN			0.00	-260.83	161.07	-17.59	114.82	47.93	6.89	-39.17	7.35	7.52	2.44	2.13	1.36	0.96	1.09	-6.59
MRBLD1FB87_COS			74.49	129.75	15.54	94.92	-31.59	-11.70	-0.77	16.24	9.48	22.08	-3.36	-1.19	0.84	-0.80	-1.43	-8.30
MRBLD1FB87_SIN			0.00	-308.50	121.45	-18.39	50.93	5.71	-3.11	20.89	-1.36	11.21	36.00	-4.84	-0.07	2.53	4.41	-2.52
MRBLD1FB120_COS			-283.92	181.03	-74.55	80.25	3.79	-35.68	17.66	32.47	-11.83	-3.81	-2.36	-5.16	-2.51	1.16	2.27	12.91
MRBLD1FB120_SIN			0.00	-415.40	142.77	31.56	27.66	-10.82	-7.01	61.39	-8.68	-13.23	-16.30	-3.49	-6.29	-7.89	-8.00	3.23
MRBLD1FB164_COS			-1.35	109.78	168.20	38.25	117.12	51.28	24.57	-34.03	8.09	6.11	-1.24	4.26	2.53	-3.83	-4.88	-6.10
MRBLD1FB164_SIN			0.00	-670.04	213.01	180.05	-64.23	-46.08	-5.45	-83.61	15.15	19.19	25.86	-2.87	2.57	3.56	1.24	-2.63

RUN	POINT		Harmonics															
	54	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-85.41	-59.21	179.29	-12.53	80.66	63.41	5.38	-39.47	5.83	32.50	-4.47	-10.69	-10.59	-1.93	2.87	16.60
MRBLD1FB180_SIN			0.00	-505.62	135.56	132.03	-71.16	-14.17	7.62	-75.55	7.91	24.12	72.40	-16.25	-16.84	-11.71	-9.08	4.34
MRBLD1TOR51_COS			-1582.70	87.39	267.47	-27.75	13.00	-18.22	20.80	-37.60	-10.26	-0.76	0.09	-4.03	-0.27	3.77	3.89	2.63
MRBLD1TOR51_SIN			0.00	-370.48	169.43	122.55	-31.04	59.30	-49.07	-39.24	1.40	3.04	11.87	-2.89	-7.86	-3.86	-1.44	4.76
MRBLD1TOR71_COS			-422.54	116.01	220.33	-38.73	20.87	-8.86	29.27	-31.44	-7.47	1.40	-2.11	-4.11	-0.48	2.66	1.77	1.42
MRBLD1TOR71_SIN			0.00	-352.12	141.42	94.97	-49.50	51.82	-41.10	-21.23	2.54	5.78	17.10	-5.87	-7.04	-2.02	-0.06	3.63
MRBLD1TOR130_COS			-171.86	91.65	216.49	-56.31	27.14	0.70	19.88	-20.61	-3.43	-4.02	12.89	-3.29	-3.20	-2.33	-3.74	-2.21
MRBLD1TOR130_SIN			0.00	-325.63	82.81	97.60	-59.25	38.02	-30.09	-26.86	3.01	-2.29	4.32	-1.42	0.71	3.18	1.97	-0.24
MRBLD1TOR164_COS			-344.32	29.30	133.83	-48.14	-0.29	-3.86	0.43	-10.37	1.33	2.65	0.15	-0.21	-0.63	-1.79	-2.54	-0.50
MRBLD1TOR164_SIN			0.00	-190.47	16.28	37.42	-31.21	31.17	-16.02	-11.32	0.41	3.59	5.16	-6.46	0.58	1.64	-0.44	0.07
MRFBM1CB26P5_COS			-1044.03	-1097.10	249.94	-63.02	-0.40	6.44	10.50	-6.74	0.86	-2.22	15.89	0.26	-0.50	-0.11	1.68	-2.43
MRFBM1CB26P5_SIN			0.00	617.34	142.52	-24.45	-16.70	7.09	-14.33	-19.10	1.89	-5.34	-13.87	2.12	0.85	-0.49	0.38	-0.71
MRFBM1FB9_COS			525.96	45.97	-313.46	-122.01	37.22	22.50	12.14	-2.11	1.79	1.99	-4.06	0.93	0.54	0.03	-0.43	0.86
MRFBM1FB9_SIN			0.00	-211.39	-212.30	-90.43	-44.34	-14.95	11.71	17.73	1.98	3.10	1.92	-0.45	0.05	-0.17	-0.18	-1.88
MRFBM1TOR26P5_COS			-113.31	74.31	5.52	-1.26	0.81	-0.39	1.14	-0.30	-0.17	0.24	-0.40	0.13	0.11	0.09	0.15	0.09
MRFBM1TOR26P5_SIN			0.00	-240.37	2.79	0.65	-1.14	0.73	-0.77	0.04	0.11	0.06	-0.07	0.33	0.00	-0.12	-0.05	-0.08

RUN	POINT		Harmonics															
	54	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			8.46	-1436.75	470.15	-48.93	-16.70	-13.26	-75.29	-36.14	19.28	-13.67	37.52	5.30	-1.92	-4.69	-1.14	-5.88
MRPC1CB33P25_SIN			0.00	1417.24	80.69	48.48	102.91	-13.94	-18.62	-89.86	9.64	-2.39	-67.15	12.93	6.44	6.12	2.09	25.01
MRPC1FB33P25_COS			1782.29	362.92	129.67	535.81	-191.22	-91.54	-136.84	-54.44	-29.29	-54.14	106.29	-2.37	-2.60	4.95	11.59	-2.66
MRPC1FB33P25_SIN			0.00	-83.11	291.62	167.82	325.26	198.26	-20.89	-296.25	-31.20	-101.05	-100.23	27.16	9.33	6.05	3.73	55.24
MRPC1TOR25P5_COS			-242.15	-24.64	-305.13	68.56	-24.27	26.06	-29.60	39.61	14.05	1.84	15.02	4.45	-2.47	-7.34	-9.08	-5.80
MRPC1TOR25P5_SIN			0.00	174.50	-173.76	-127.17	48.42	-64.76	59.47	30.36	-3.89	-7.24	-14.97	1.89	12.29	9.48	5.77	2.78
MRPLK1LOAD_COS			14.47	-6.91	-40.38	7.81	-4.82	4.78	-5.65	6.06	3.00	-0.25	2.98	-0.01	-0.77	-1.22	-1.93	-1.27
MRPLK1LOAD_SIN			0.00	28.92	-23.65	-20.02	5.95	-9.14	7.79	4.18	-0.50	-0.59	-0.82	-1.73	1.24	1.87	0.87	0.74
PITCHRH_COS			12725.21	-9205.90	-993.84	521.33	87.33	-61.21	198.66	84.03	52.77	2.30	58.65	5.17	7.61	-17.25	-66.98	-141.49
PITCHRH_SIN			0.00	595.68	-2053.30	96.84	-86.94	1598.66	147.80	124.23	197.83	-57.10	-275.45	27.36	-5.51	46.05	2.37	99.54
ROLLRH_COS			7193.14	-838.16	2536.54	-86.42	202.38	-2673.14	-181.66	126.60	-170.92	105.92	217.76	-34.03	4.77	-100.32	126.07	50.16
ROLLRH_SIN			0.00	-9215.72	-966.86	604.58	-72.85	660.45	-176.82	-39.36	1.70	6.32	-32.83	-53.68	24.61	65.49	10.17	243.61
TORQ_COS			102111.63	-52.16	-141.27	139.41	-143.96	-68.99	8.00	66.07	-7.51	-2.21	-41.34	-4.58	3.38	0.84	-1.95	10.47
TORQ_SIN			0.00	1270.08	-93.07	472.89	-159.45	4.27	12.47	67.15	-25.28	-7.95	70.27	3.53	-8.52	5.98	-2.57	1.46
THRUST_COS			5738.31	65.02	16.90	80.54	9.89	45.55	10.01	42.15	-4.21	-15.29	-14.09	-6.83	-11.44	-0.46	-1.12	-19.07
THRUST_SIN			0.00	-374.95	-38.57	18.54	31.16	-122.97	15.17	0.10	4.63	5.83	57.92	-13.40	-5.51	-4.59	0.03	-28.57

RUN	POINT		Harmonics															
	54	7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-116.96	56.85	-67.32	13.79	8.96	115.66	9.18	-5.60	1.94	-3.41	-7.79	0.47	-1.06	2.27	-3.85	-1.30
SIDERH_SIN			0.00	240.42	23.54	3.33	35.04	-154.59	-0.15	3.65	-0.53	2.04	-6.01	2.33	-1.06	-2.24	0.24	-7.33
DRAGRH_COS			-60.22	250.10	45.07	-3.17	7.83	-29.09	-28.22	0.90	-7.32	-2.41	-8.24	2.37	-0.46	1.05	1.13	6.68
DRAGRH_SIN			0.00	-55.24	6.07	-10.82	-9.07	142.03	-1.32	4.77	-9.78	1.53	13.54	-0.97	1.41	-3.38	-1.95	-6.58

RUN	POINT		Harmonics															
	54	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.36	-1.48	-0.27	0.08	-0.04	0.01	0.02	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.21	-0.30	-0.06	0.06	0.00	0.02	0.01	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.62	0.17	0.03	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.02	0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-14.05	-6.21	-8.37	1.79	-1.28	0.19	0.27	0.15	-0.59	0.14	0.23	0.04	0.01	0.02	-0.04	-0.22
ACT1FORCE_SIN			0.00	15.52	-6.92	-1.78	2.42	0.27	0.62	0.56	0.14	-0.15	-0.13	-0.13	0.10	-0.07	0.21	-0.10
FA1IBCURRENT_COS			-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.58	-251.14	0.35	-0.05	-0.11	-0.03	-0.05	-0.04	-0.02	-0.03	0.01	0.02	0.00	0.01	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	-7.35	-0.26	0.09	-0.08	0.01	0.04	0.01	-0.04	0.01	0.01	0.02	0.00	0.00	0.00	-0.02
FA1OBCURRENT_COS			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.19	251.60	-0.29	0.06	0.10	0.02	0.04	0.04	0.02	0.02	-0.01	-0.03	0.00	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	7.21	0.07	-0.11	0.08	-0.01	-0.04	-0.02	0.04	-0.01	-0.01	-0.02	0.00	0.00	0.01	0.02
MRBLD1CB42P75_COS			-770.75	-940.76	476.75	58.63	13.66	-109.69	-86.48	-49.85	6.98	-29.95	-38.04	20.63	-1.05	-9.96	-1.21	6.60
MRBLD1CB42P75_SIN			0.00	1331.96	121.43	-24.37	218.33	-10.57	-15.17	-110.15	25.15	22.37	-82.53	8.03	19.95	16.64	-3.84	37.96

RUN	POINT		Harmonics															
	54	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4371.46	-735.42	319.54	59.99	124.76	-176.65	-152.23	-23.58	14.13	-23.42	-45.91	14.33	-0.73	-4.14	-4.50	22.36
MRBLD1CB70_SIN			0.00	1015.41	-95.84	117.49	249.61	-66.57	-26.39	-51.00	10.20	28.62	-30.77	0.84	8.88	12.66	-7.61	44.95
MRBLD1CB120_COS			-302.35	-510.96	260.88	163.46	140.55	-176.84	-146.40	17.55	-0.80	2.70	27.96	-13.90	3.42	5.69	3.86	-4.62
MRBLD1CB120_SIN			0.00	752.91	-137.32	104.73	317.69	-89.97	-58.99	-24.52	-51.29	-28.60	55.88	4.91	-5.04	0.73	-2.14	3.89
MRBLD1CB164_COS			-1966.30	-227.61	51.21	145.81	31.25	-95.42	-52.33	24.44	-11.76	9.11	39.30	-11.36	1.27	1.65	0.17	-12.09
MRBLD1CB164_SIN			0.00	274.74	-72.19	61.00	143.22	-57.03	-25.64	26.39	-50.40	-38.66	42.73	10.18	-0.40	-5.59	11.92	-28.77
MRBLD1FB42P75_COS			2536.98	246.18	146.36	1003.06	-43.31	-50.39	-114.69	-252.27	-93.58	-106.11	-23.99	15.04	10.01	12.49	-9.91	61.18
MRBLD1FB42P75_SIN			0.00	-245.90	522.98	70.83	636.80	182.57	24.15	-256.61	-12.81	-57.13	-105.62	-1.09	5.81	2.83	-26.31	26.05
MRBLD1FB70_COS			619.87	107.68	47.26	322.55	-20.46	-16.16	-25.89	-35.16	-2.86	-2.36	-1.12	1.43	-0.23	-0.97	2.12	-11.74
MRBLD1FB70_SIN			0.00	-263.29	220.24	-10.87	184.13	29.48	1.82	-41.45	4.77	5.18	3.00	1.78	1.32	0.04	5.19	-6.90
MRBLD1FB87_COS			82.10	104.24	-17.81	180.17	-28.34	-15.91	-0.89	20.18	15.09	21.82	9.85	-0.94	0.09	-0.77	3.78	-11.98
MRBLD1FB87_SIN			0.00	-318.82	150.04	-1.06	82.30	0.57	-4.99	21.49	-0.97	11.01	24.81	1.64	0.13	0.94	8.44	-1.80
MRBLD1FB120_COS			-292.90	118.60	-117.60	193.51	-15.19	-27.09	10.66	44.58	-5.29	-7.06	-9.38	-7.22	-4.26	-1.25	-5.49	17.90
MRBLD1FB120_SIN			0.00	-449.37	142.96	85.94	24.94	1.00	1.59	64.28	-2.70	-7.58	-12.82	-5.04	-5.43	-5.10	-13.53	2.63
MRBLD1FB164_COS			-6.42	275.17	17.31	102.15	107.28	50.55	26.32	-49.24	-0.33	6.92	8.63	7.06	2.25	-5.52	0.01	-7.68
MRBLD1FB164_SIN			0.00	-653.32	401.42	195.06	-122.07	-25.80	-16.47	-96.54	8.77	13.17	14.74	0.25	4.57	0.85	3.33	-0.99

RUN	POINT		Harmonics															
	54	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-82.83	123.39	78.52	-3.63	71.99	52.40	13.38	-52.95	4.23	33.80	20.15	-17.48	-15.59	-6.52	-6.80	20.60
MRBLD1FB180_SIN			0.00	-474.50	294.17	134.46	-104.89	-11.05	-8.07	-87.78	2.48	24.65	49.19	-8.66	-16.22	-9.96	-14.81	2.16
MRBLD1TOR51_COS			-1542.38	381.91	92.27	-21.06	51.58	-19.18	31.86	-43.80	-13.07	6.13	2.90	-4.19	-2.17	2.07	2.35	2.06
MRBLD1TOR51_SIN			0.00	-228.18	340.58	38.04	-12.13	34.52	-54.51	-45.91	1.54	0.89	10.05	-1.00	-7.33	-6.30	-2.44	4.88
MRBLD1TOR71_COS			-388.92	382.28	60.01	-48.87	53.65	-6.04	39.46	-34.51	-7.82	8.00	2.86	-6.11	-0.98	2.04	2.06	0.36
MRBLD1TOR71_SIN			0.00	-215.38	300.97	11.93	-42.85	29.91	-44.98	-26.05	5.12	5.51	13.82	0.77	-7.10	-3.94	-0.54	3.19
MRBLD1TOR130_COS			-141.06	368.96	66.84	-89.69	56.82	1.46	30.14	-24.59	-3.61	0.69	7.13	-2.68	0.23	-1.00	-0.89	-2.39
MRBLD1TOR130_SIN			0.00	-185.49	239.73	15.68	-66.20	22.53	-33.26	-29.90	4.70	-0.58	-1.28	7.41	1.30	4.65	2.27	-0.08
MRBLD1TOR164_COS			-325.01	230.71	53.65	-88.85	14.16	-3.15	8.70	-11.51	3.17	1.63	-0.27	-2.12	1.73	-1.85	-0.24	0.69
MRBLD1TOR164_SIN			0.00	-79.37	106.68	-20.45	-29.49	16.22	-17.37	-11.91	5.57	5.75	0.01	-0.10	0.32	3.42	-3.30	1.05
MRFBM1CB26P5_COS			-1016.78	-478.32	207.58	-60.23	-15.56	1.37	18.01	-7.57	-1.98	-0.53	8.33	0.93	0.32	-0.30	2.02	-3.53
MRFBM1CB26P5_SIN			0.00	562.20	142.17	-100.25	5.41	7.05	-2.92	-19.82	1.24	-5.47	-14.14	1.42	1.20	-0.79	-1.10	-0.29
MRFBM1FB9_COS			642.27	-345.58	-183.63	-212.57	33.25	21.59	8.11	-0.38	2.41	2.05	-1.22	-0.24	0.52	0.31	-0.78	0.84
MRFBM1FB9_SIN			0.00	0.98	-310.80	-123.24	-79.20	-8.34	13.37	19.17	3.87	3.21	3.35	-0.03	-0.23	-0.29	0.60	-2.84
MRFBM1TOR26P5_COS			-114.00	75.96	3.06	-0.51	0.87	-0.11	0.64	-0.33	-0.33	0.21	-0.09	0.18	-0.06	0.04	0.00	0.09
MRFBM1TOR26P5_SIN			0.00	-237.03	4.45	0.20	-0.98	0.20	-1.16	-0.24	-0.16	-0.20	0.22	-0.24	-0.01	-0.20	-0.02	-0.10

RUN	POINT		Harmonics															
	54	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			42.63	-749.15	447.06	22.25	-27.73	-62.71	-54.85	-49.31	7.18	-19.97	-13.32	14.54	2.97	-6.28	3.88	1.87
MRPC1CB33P25_SIN			0.00	1162.29	130.98	-88.99	182.63	15.03	-9.39	-100.93	8.70	-4.95	-66.13	6.58	12.93	12.96	-5.95	33.38
MRPC1FB33P25_COS			1859.37	187.85	-21.21	849.72	-165.77	-94.21	-107.03	-97.50	-59.02	-45.43	47.26	16.66	5.44	4.79	16.95	11.50
MRPC1FB33P25_SIN			0.00	-16.84	415.28	229.92	530.40	131.22	-12.95	-316.09	-60.05	-99.71	-95.05	9.48	12.67	13.11	-23.62	74.04
MRPC1TOR25P5_COS			-283.69	-323.28	-125.16	74.03	-65.82	24.54	-36.24	43.73	16.52	-5.73	2.81	5.59	4.37	-3.80	-1.89	-4.64
MRPC1TOR25P5_SIN			0.00	21.98	-352.31	-33.49	35.35	-37.44	67.44	39.69	-2.03	-2.37	-18.58	9.46	12.47	14.53	4.01	4.90
MRPLK1LOAD_COS			8.56	-44.87	-17.27	7.73	-10.60	4.69	-5.88	6.75	3.88	-1.09	0.57	-0.26	0.83	-0.44	-0.32	-1.22
MRPLK1LOAD_SIN			0.00	9.77	-47.88	-7.14	4.05	-5.28	9.53	5.71	0.22	0.84	-2.39	1.66	1.37	2.76	0.50	1.12
PITCHRH_COS			19856.71	-9079.08	-1255.48	537.95	-10.79	-282.58	55.21	2.24	-270.15	67.51	-2.86	-62.88	91.97	35.41	-43.23	-117.19
PITCHRH_SIN			0.00	625.28	-1339.32	387.75	-121.77	2604.99	117.10	117.75	166.96	-53.58	-359.17	21.87	-24.66	37.49	53.15	185.38
ROLLRH_COS			2578.15	-1004.61	1865.21	-552.24	-9.07	-3782.67	-191.86	107.07	-157.97	75.07	117.86	-4.65	129.28	-115.00	65.94	244.76
ROLLRH_SIN			0.00	-9176.16	-988.77	630.82	-198.10	188.44	-238.16	-48.29	-168.47	-70.57	-66.73	-108.32	47.11	-74.40	-8.06	235.35
TORQ_COS			103271.36	-30.96	-127.22	-201.24	-101.00	74.63	10.51	69.45	8.76	-2.93	-15.88	-2.82	-0.68	2.03	-6.62	15.36
TORQ_SIN			0.00	1295.97	9.77	499.13	-252.52	-98.90	3.30	90.50	-37.50	-2.97	64.69	0.97	-7.19	7.25	-1.70	2.35
THRUST_COS			6056.14	57.45	15.38	57.24	9.04	54.47	12.17	45.77	5.84	-7.34	-4.85	-3.33	-5.73	2.41	0.63	-30.18
THRUST_SIN			0.00	-393.32	16.69	72.92	27.88	-109.17	10.34	15.81	9.03	3.73	46.58	4.39	-8.67	6.11	-1.29	-35.80

RUN	POINT		Harmonics															
	54	8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-150.78	55.88	-47.06	0.75	55.34	213.33	26.28	-7.50	2.31	-1.15	-4.84	0.01	-4.69	3.76	-1.80	-6.51
SIDERH_SIN			0.00	238.24	17.00	16.08	47.42	-133.08	-2.54	3.89	3.94	3.96	-1.38	5.56	-1.06	2.14	0.94	-6.76
DRAGRH_COS			23.24	248.69	31.24	0.31	6.39	-176.85	-56.54	4.58	1.96	-3.38	-7.26	5.39	-4.64	-1.31	2.04	4.79
DRAGRH_SIN			0.00	-61.03	1.94	-13.97	-10.54	99.70	-28.95	11.94	-13.95	4.54	12.63	-0.98	5.14	-1.10	-2.55	-10.37

RUN	POINT		Harmonics															
	54	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.75	-0.85	-0.44	0.06	-0.08	-0.06	0.02	-0.02	-0.01	-0.02	-0.02	0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	1.99	-0.28	-0.11	0.11	-0.05	0.00	0.02	0.00	0.03	-0.03	0.00	0.01	-0.01	0.00	0.00
ACT1DISP_COS			2.57	0.10	0.05	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.23	0.04	0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-10.49	-9.69	-12.46	1.88	-2.30	-1.18	0.90	-0.46	-0.30	-0.48	-0.25	0.45	-0.20	-0.06	0.07	-0.22
ACT1FORCE_SIN			0.00	22.03	-6.01	-1.98	3.33	-1.52	0.07	0.52	-0.05	0.49	-0.87	-0.03	0.26	-0.13	0.16	-0.08
FA1IBCURRENT_COS			-0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.68	-7.07	0.25	0.15	-0.13	0.08	0.00	-0.02	-0.02	-0.06	0.13	0.00	-0.01	0.02	-0.02	0.00
FA1IBVOLTAGE_SIN			0.00	250.71	-0.22	-0.06	-0.11	-0.09	0.03	-0.04	-0.04	-0.08	-0.05	0.03	-0.03	0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.09	7.04	-0.32	-0.14	0.13	-0.09	0.00	0.03	0.02	0.05	-0.13	0.00	0.01	-0.02	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	-251.15	0.42	0.03	0.10	0.09	-0.03	0.04	0.04	0.08	0.05	-0.04	0.03	-0.01	0.00	0.01
MRBLD1CB42P75_COS			-891.39	-2644.39	388.78	-70.36	39.61	-6.07	-136.70	40.18	23.06	-32.28	-29.45	-26.42	-7.01	-1.65	-12.10	8.03
MRBLD1CB42P75_SIN			0.00	90.10	89.18	-34.95	94.28	42.32	-15.25	-92.97	48.82	29.21	-75.58	25.48	9.05	12.88	-2.09	30.54

RUN	POINT		Harmonics															
	54	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4359.74	-1835.77	169.39	24.23	124.98	-77.28	-175.46	42.11	6.84	-18.39	-65.88	-19.17	-6.08	-0.01	-14.84	21.75
MRBLD1CB70_SIN			0.00	124.67	-101.51	20.53	132.95	-47.62	-11.08	-76.48	23.34	34.95	-6.98	14.89	5.30	5.56	-3.20	35.82
MRBLD1CB120_COS			-321.55	-952.56	99.09	182.91	120.05	-110.44	-154.79	49.08	-29.71	11.36	23.94	9.64	3.61	3.32	5.23	-2.93
MRBLD1CB120_SIN			0.00	332.92	-167.58	-0.02	226.32	-93.01	-27.71	-88.50	-61.10	-26.97	32.99	-7.00	-1.07	-2.69	-1.37	4.11
MRBLD1CB164_COS			-1946.54	-302.13	-2.84	152.85	13.10	-70.32	-42.15	7.55	-21.40	16.28	60.81	13.63	4.14	-0.21	9.19	-12.71
MRBLD1CB164_SIN			0.00	175.64	-76.14	-1.00	122.14	-75.85	-17.09	-2.24	-66.60	-37.33	12.19	-2.06	3.57	-4.40	9.00	-23.01
MRBLD1FB42P75_COS			2382.49	680.18	312.81	856.54	-81.48	41.79	-182.23	-97.25	-63.71	-107.86	-16.85	8.72	-2.30	12.50	-14.24	47.87
MRBLD1FB42P75_SIN			0.00	-84.87	563.63	-143.70	456.79	307.57	79.53	-374.67	9.01	-28.43	-206.70	27.57	-3.75	-1.71	-12.26	20.32
MRBLD1FB70_COS			574.18	104.48	114.78	268.01	-29.58	12.43	-43.11	-7.99	0.44	-2.90	-2.64	1.15	0.40	-1.38	3.10	-9.07
MRBLD1FB70_SIN			0.00	-285.33	227.77	-87.23	125.85	63.39	16.31	-62.52	8.54	8.47	4.08	1.62	2.09	0.67	3.20	-4.93
MRBLD1FB87_COS			73.23	120.42	32.41	153.62	-27.38	-10.99	0.63	5.15	10.01	21.79	6.23	0.47	2.21	-1.87	4.05	-10.34
MRBLD1FB87_SIN			0.00	-308.97	154.14	-53.10	61.47	8.52	-5.00	30.32	-4.74	6.40	45.91	-7.58	2.23	2.13	4.66	-1.46
MRBLD1FB120_COS			-270.31	148.96	-65.29	178.12	-6.29	-48.56	33.89	3.98	-9.15	-4.44	-3.74	-6.90	-4.94	0.21	-5.98	15.70
MRBLD1FB120_SIN			0.00	-392.23	160.59	-4.98	48.60	-31.57	-15.28	94.96	-8.92	-12.49	-18.44	0.10	-7.52	-5.30	-8.21	1.80
MRBLD1FB164_COS			-139.82	263.48	199.67	92.68	136.64	53.82	9.04	8.27	11.12	1.83	0.27	9.88	4.25	-6.25	0.02	-6.23
MRBLD1FB164_SIN			0.00	-779.11	399.28	105.82	-104.63	-51.22	7.22	-136.09	16.79	22.99	25.84	-7.17	6.89	3.64	0.77	-2.06

RUN	POINT		Harmonics															
	54	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-211.09	102.47	207.23	-0.67	86.23	78.36	-2.25	-13.70	7.65	34.70	12.05	-8.38	-10.80	-2.16	-5.39	16.33
MRBLD1FB180_SIN			0.00	-612.85	274.32	97.45	-107.05	-20.85	32.76	-117.22	-3.34	21.64	91.47	-20.52	-14.21	-10.17	-10.24	3.84
MRBLD1TOR51_COS			-1731.02	297.36	284.45	-55.45	44.12	-13.38	16.29	-19.16	-20.21	5.21	-6.41	-0.63	-3.44	1.40	2.18	-1.69
MRBLD1TOR51_SIN			0.00	-581.40	345.50	72.33	-57.65	74.13	-56.01	-44.60	-0.56	-0.59	13.87	-1.88	-4.30	-7.69	-2.17	6.15
MRBLD1TOR71_COS			-559.31	326.90	245.98	-76.65	47.41	-6.65	27.65	-22.09	-15.19	9.29	-6.35	-0.98	-2.71	1.95	3.77	-1.56
MRBLD1TOR71_SIN			0.00	-533.48	303.40	56.85	-73.08	61.41	-49.21	-24.16	0.02	1.48	19.31	-2.46	-2.51	-5.34	-0.02	3.70
MRBLD1TOR130_COS			-312.03	307.92	250.64	-106.68	50.34	1.47	16.94	-10.24	-9.36	2.67	9.63	-4.52	-1.39	-0.07	1.44	-0.09
MRBLD1TOR130_SIN			0.00	-514.72	236.13	71.77	-82.68	46.95	-38.38	-31.59	4.06	-3.71	-2.04	4.75	3.45	3.76	2.66	-1.41
MRBLD1TOR164_COS			-431.13	177.78	162.16	-96.54	9.48	0.45	-5.51	-9.17	2.10	4.77	-0.99	-2.21	1.98	-0.68	-0.48	3.70
MRBLD1TOR164_SIN			0.00	-323.68	97.45	33.38	-44.56	42.06	-19.43	-16.51	2.80	2.76	4.45	-2.27	1.69	4.40	-2.14	-0.82
MRFBM1CB26P5_COS			-1060.20	-1424.04	211.70	-146.01	10.94	13.37	11.41	-2.85	3.03	-2.24	17.94	0.45	0.70	0.13	1.80	-3.19
MRFBM1CB26P5_SIN			0.00	-275.07	144.43	-51.81	-7.72	20.74	-7.13	-3.22	6.25	-5.37	-21.35	1.68	0.12	0.59	-1.11	-0.05
MRFBM1FB9_COS			339.03	582.36	-278.36	-195.59	26.75	18.79	16.37	-11.31	3.03	2.78	-3.37	1.27	0.06	0.16	-0.21	0.64
MRFBM1FB9_SIN			0.00	159.54	-335.82	-61.46	-54.14	-21.24	10.83	19.88	2.30	2.60	4.03	0.36	0.47	-0.17	0.81	-2.00
MRFBM1TOR26P5_COS			-114.68	73.73	5.48	-1.19	1.18	-0.36	0.93	-0.01	-0.15	-0.10	-0.32	0.25	0.03	-0.04	-0.09	-0.02
MRFBM1TOR26P5_SIN			0.00	-242.68	4.93	-0.03	-1.49	0.26	-0.58	0.08	0.01	0.07	0.22	-0.08	-0.13	-0.16	-0.08	-0.02

RUN	POINT		Harmonics															
	54	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-113.16	-2157.31	350.37	-98.57	-15.84	24.25	-101.53	24.61	25.64	-22.88	3.90	-11.83	-2.70	-0.10	-6.30	5.03
MRPC1CB33P25_SIN			0.00	308.22	67.61	-36.67	87.43	49.85	-8.39	-84.44	25.22	0.18	-79.32	20.69	3.47	11.66	-3.39	28.61
MRPC1FB33P25_COS			1735.78	547.24	93.35	763.97	-158.08	-49.86	-181.12	72.00	-44.61	-61.43	109.90	-8.21	3.74	9.56	2.16	9.36
MRPC1FB33P25_SIN			0.00	146.82	477.18	22.17	369.31	254.64	7.45	-351.17	-27.69	-80.51	-164.78	26.00	-2.54	11.11	-18.61	57.96
MRPC1TOR25P5_COS			-88.64	-259.69	-328.32	108.00	-55.27	21.15	-25.87	24.77	25.02	-1.77	18.89	-2.35	3.81	-0.49	0.66	3.28
MRPC1TOR25P5_SIN			0.00	375.12	-355.61	-78.94	78.43	-74.56	66.06	33.71	0.18	-3.04	-25.41	8.33	10.91	15.37	5.47	-0.96
MRPLK1LOAD_COS			34.66	-37.33	-43.40	12.51	-9.06	4.05	-4.71	3.55	4.22	0.23	3.20	-1.51	0.35	0.32	0.68	0.34
MRPLK1LOAD_SIN			0.00	54.40	-47.52	-12.98	9.90	-10.37	8.59	4.71	0.01	-0.19	-2.94	0.81	1.81	2.70	0.96	-0.10
PITCHRH_COS			4085.95	-8831.07	20.96	872.76	43.67	151.58	240.95	7.26	96.21	13.62	-130.27	-6.81	53.39	44.90	22.96	-157.78
PITCHRH_SIN			0.00	720.84	-2524.89	-40.63	-203.95	1829.55	167.69	-158.78	452.58	-15.29	-295.75	-61.58	-67.35	20.43	5.61	177.85
ROLLRH_COS			-721.37	-1024.00	2977.61	-28.62	50.57	-2931.26	-87.27	93.57	-450.27	81.97	1.89	42.45	98.90	-47.80	15.65	17.77
ROLLRH_SIN			0.00	-8943.06	249.28	971.38	-492.23	872.29	-173.98	-91.22	187.63	-71.01	-12.63	11.12	87.61	-30.51	-62.76	66.66
TORQ_COS			100411.34	-222.62	-34.64	243.05	-161.53	-73.27	6.77	34.26	-31.73	-5.24	-52.38	-4.21	0.97	-2.30	-7.33	9.13
TORQ_SIN			0.00	1178.03	-158.24	761.80	-37.36	-150.77	7.66	-39.36	-43.38	-4.46	97.21	0.93	-7.45	1.77	-3.47	-1.23
THRUST_COS			5291.05	122.43	84.73	141.14	15.31	22.00	7.73	16.31	-0.58	-0.14	-36.43	-9.22	-10.62	7.80	4.14	-30.50
THRUST_SIN			0.00	-348.52	-48.25	33.14	12.39	-154.14	8.36	-15.64	16.27	-8.17	75.24	0.71	2.55	2.47	5.55	-17.91

RUN	POINT		Harmonics															
	54	9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-143.86	59.19	-91.73	22.21	98.35	134.61	14.02	2.93	7.17	-1.47	0.96	-2.46	-4.06	1.69	-0.42	0.35
SIDERH_SIN			0.00	238.05	-28.21	24.62	101.96	-177.58	-4.51	11.60	-6.45	3.00	-6.12	0.17	-2.74	1.25	1.50	-2.65
DRAGRH_COS			-131.66	246.44	54.44	-13.45	5.69	-153.50	-43.99	8.87	-10.02	-7.13	1.54	1.52	-3.03	-3.51	0.44	6.80
DRAGRH_SIN			0.00	-52.91	56.85	-14.90	-27.16	111.88	-1.42	-9.47	-17.17	6.89	8.89	3.99	4.82	1.04	1.72	-10.38

RUN	POINT		Harmonics															
	54	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.57	-0.08	-0.26	0.07	-0.04	0.00	0.02	0.00	0.00	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.31	-0.17	-0.09	0.02	-0.03	0.00	0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.59	0.01	0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-13.93	-3.09	-8.88	1.31	-1.52	0.05	0.70	-0.13	-0.32	-0.31	0.14	0.18	-0.14	0.00	0.02	-0.14
ACT1FORCE_SIN			0.00	20.51	-4.40	-1.71	1.59	-0.88	0.32	0.44	0.38	0.06	-0.27	0.07	0.11	-0.01	0.18	-0.07
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			402.22	1.84	0.16	0.54	0.37	0.08	-0.17	-0.07	0.10	0.13	0.03	-0.10	-0.04	0.09	0.07	-0.01
FA1IBVOLTAGE_SIN			0.00	-73.96	0.62	0.44	-0.17	-0.24	0.00	0.16	0.11	-0.08	-0.11	0.01	0.08	0.08	-0.03	-0.09
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			403.56	-1.83	-0.16	-0.52	-0.37	-0.07	0.17	0.08	-0.10	-0.13	-0.03	0.10	0.04	-0.09	-0.07	0.01
FA1OBVOLTAGE_SIN			0.00	74.07	-0.57	-0.46	0.16	0.23	0.00	-0.16	-0.11	0.07	0.11	-0.01	-0.07	-0.08	0.03	0.09
MRBLD1CB42P75_COS			-811.65	-1346.97	532.74	-43.82	-5.08	-58.20	-73.26	-28.00	12.77	-22.60	-24.69	7.61	-4.30	-9.58	-4.10	2.09
MRBLD1CB42P75_SIN			0.00	1544.37	87.89	46.06	236.12	-58.28	-11.95	-74.75	27.07	29.82	-82.04	23.75	15.42	13.52	1.96	33.39

RUN	POINT		Harmonics															
	54	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4349.27	-1036.81	358.03	-75.99	96.86	-86.39	-92.49	-14.57	16.39	-12.53	-38.47	6.56	-1.51	-4.81	-7.20	16.85
MRBLD1CB70_SIN			0.00	1136.03	-69.91	110.86	347.34	-115.28	28.10	-41.80	13.35	34.49	-29.20	13.04	7.69	6.63	-1.08	40.52
MRBLD1CB120_COS			-328.94	-663.62	272.77	40.01	121.92	-82.62	-79.43	15.41	1.65	3.06	19.62	-7.42	4.34	6.63	4.33	-2.88
MRBLD1CB120_SIN			0.00	780.18	-111.87	90.37	398.54	-105.75	35.67	-45.71	-43.33	-34.02	46.61	-4.60	-1.52	-1.30	-1.76	4.34
MRBLD1CB164_COS			-1967.43	-239.66	51.88	77.37	29.55	-54.08	-30.41	19.62	-9.43	5.34	34.21	-5.58	2.19	1.65	2.19	-9.73
MRBLD1CB164_SIN			0.00	278.76	-44.33	50.37	171.75	-52.14	18.89	4.40	-45.45	-44.65	33.00	1.71	1.94	-0.62	7.18	-26.40
MRBLD1FB42P75_COS			2485.07	325.49	183.52	797.28	-73.14	-51.09	-127.09	-190.85	-81.63	-111.47	-28.49	15.83	4.62	8.35	-0.48	52.50
MRBLD1FB42P75_SIN			0.00	-314.62	408.19	218.87	461.45	196.68	21.26	-221.72	-11.47	-50.51	-130.61	18.15	6.92	-1.08	-20.96	29.46
MRBLD1FB70_COS			607.47	109.33	64.83	239.38	-23.14	-12.45	-26.71	-23.84	-1.74	-2.12	-0.71	1.82	0.31	-0.33	0.42	-9.93
MRBLD1FB70_SIN			0.00	-265.43	182.00	35.84	134.49	31.91	3.14	-34.62	5.33	5.70	3.26	1.97	1.47	1.00	4.12	-6.95
MRBLD1FB87_COS			80.41	119.60	-8.60	127.15	-24.08	-13.69	-1.67	15.24	13.73	21.97	9.80	-2.01	0.68	-0.91	0.83	-11.08
MRBLD1FB87_SIN			0.00	-317.45	131.50	17.10	57.74	3.73	-3.36	17.35	-0.51	10.03	30.52	-3.65	0.05	1.90	6.84	-3.13
MRBLD1FB120_COS			-281.42	153.92	-104.33	120.52	-8.72	-28.66	9.29	28.50	-7.77	-6.69	-9.05	-6.96	-4.21	-0.62	-1.45	16.73
MRBLD1FB120_SIN			0.00	-433.65	138.76	84.24	22.49	0.81	0.59	55.86	-4.25	-9.67	-15.16	-2.99	-5.97	-6.87	-11.63	3.91
MRBLD1FB164_COS			-9.57	182.92	57.67	73.16	90.71	53.60	29.60	-27.80	2.11	9.04	8.62	4.35	2.05	-3.88	-2.72	-8.53
MRBLD1FB164_SIN			0.00	-645.82	274.66	210.50	-63.28	-31.33	-16.58	-80.51	9.94	15.08	21.96	-2.42	3.26	2.33	4.07	-2.06

RUN	POINT		Harmonics															
	54	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-94.76	20.00	99.69	-0.20	65.25	57.08	13.51	-34.69	5.61	34.36	19.75	-16.01	-14.49	-6.45	-0.99	20.64
MRBLD1FB180_SIN			0.00	-474.01	188.95	137.59	-64.30	-8.72	-6.10	-73.15	3.44	25.34	60.62	-17.30	-15.74	-12.24	-14.66	4.17
MRBLD1TOR51_COS			-1583.16	209.24	153.70	-11.81	22.47	-20.22	13.67	-36.86	-7.22	1.59	0.67	-2.41	-2.22	2.11	3.94	2.14
MRBLD1TOR51_SIN			0.00	-280.98	217.61	92.34	-6.63	27.56	-48.05	-36.74	3.15	2.46	9.97	-2.73	-6.65	-6.49	-3.08	6.00
MRBLD1TOR71_COS			-425.12	223.87	115.45	-28.80	28.69	-9.19	22.32	-30.85	-3.06	4.60	0.67	-3.88	-0.99	1.40	3.13	0.98
MRBLD1TOR71_SIN			0.00	-268.67	188.26	58.55	-32.64	24.91	-40.31	-20.57	5.49	5.33	15.23	-3.82	-5.45	-4.25	-0.60	4.08
MRBLD1TOR130_COS			-175.14	203.05	117.29	-55.37	33.92	-1.28	17.20	-22.62	0.10	0.27	8.18	-3.39	-0.37	-2.44	-1.80	-1.96
MRBLD1TOR130_SIN			0.00	-240.20	131.08	53.02	-46.80	17.89	-29.52	-24.84	3.59	-2.39	0.12	3.09	2.79	3.83	3.28	-0.95
MRBLD1TOR164_COS			-350.38	108.64	80.99	-55.75	7.51	-6.07	1.32	-12.85	3.74	3.89	0.62	-2.28	1.63	-1.78	-0.88	0.23
MRBLD1TOR164_SIN			0.00	-124.36	44.42	-1.17	-21.85	15.97	-14.97	-10.25	2.24	3.22	3.03	-3.68	0.84	2.42	-0.76	0.11
MRFBM1CB26P5_COS			-1058.78	-766.88	236.03	-53.47	-22.48	3.16	7.79	-3.87	-0.95	-1.91	9.21	0.48	-0.06	0.11	2.46	-3.01
MRFBM1CB26P5_SIN			0.00	664.87	134.78	-63.98	-16.72	1.81	-15.28	-11.71	2.23	-5.34	-15.66	1.67	0.63	0.00	-0.95	-0.16
MRFBM1FB9_COS			581.02	-176.04	-227.32	-148.60	33.76	21.19	11.28	-0.78	2.13	2.11	-2.04	0.51	0.50	0.11	-0.58	1.02
MRFBM1FB9_SIN			0.00	-118.31	-235.58	-143.00	-56.89	-8.83	10.96	16.19	3.19	3.04	3.73	-0.61	0.02	-0.15	0.20	-2.30
MRFBM1TOR26P5_COS			-114.06	75.15	3.61	-0.63	0.21	-0.37	0.50	0.01	-0.31	0.04	-0.20	0.23	-0.04	0.09	0.03	0.07
MRFBM1TOR26P5_SIN			0.00	-238.56	3.56	0.89	-0.93	0.01	-0.99	-0.09	0.03	0.05	0.11	0.04	-0.08	-0.15	-0.10	-0.06

RUN	POINT		Harmonics															
	54	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			19.62	-1025.43	476.55	-20.53	-32.24	-39.16	-61.48	-27.36	12.38	-17.03	-5.35	7.64	-0.41	-5.19	1.04	-1.05
MRPC1CB33P25_SIN			0.00	1365.16	65.74	9.91	146.78	-16.72	-15.52	-69.53	9.00	-1.09	-69.49	15.79	9.58	10.42	-1.37	29.66
MRPC1FB33P25_COS			1815.73	263.23	22.22	651.33	-150.95	-96.43	-113.91	-62.74	-50.24	-52.16	57.93	4.13	0.50	5.22	16.97	3.66
MRPC1FB33P25_SIN			0.00	-68.89	329.80	318.38	378.65	142.04	-19.49	-264.22	-54.00	-97.35	-116.18	23.64	9.52	7.10	-11.60	67.06
MRPC1TOR25P5_COS			-242.67	-145.52	-187.63	54.05	-32.91	27.30	-17.35	36.00	10.86	1.43	7.66	1.36	3.55	-5.42	-4.54	-4.38
MRPC1TOR25P5_SIN			0.00	80.56	-224.71	-89.54	26.70	-30.46	59.67	30.72	-5.78	-7.01	-17.21	7.02	12.69	12.78	7.81	1.59
MRPLK1LOAD_COS			14.05	-22.14	-24.99	5.38	-5.91	5.12	-3.51	5.05	3.01	0.27	1.52	-0.80	0.60	-0.99	-0.76	-1.10
MRPLK1LOAD_SIN			0.00	17.08	-30.70	-15.19	3.06	-4.06	8.18	4.25	-0.59	-0.52	-1.76	0.16	1.74	2.33	1.39	0.48
PITCHRH_COS			16919.41	-9168.29	-1190.67	439.55	30.68	-399.59	206.59	-10.04	-104.31	-47.44	2.37	12.88	34.17	28.78	-19.23	-132.77
PITCHRH_SIN			0.00	526.84	-2021.46	151.11	-59.75	1328.33	86.29	119.16	110.49	-53.39	-299.85	23.57	-37.71	47.59	25.53	130.31
ROLLRH_COS			5455.29	-838.25	2544.47	-227.34	202.17	-2668.25	-164.94	89.84	-5.96	130.96	178.00	0.36	60.45	-83.97	66.12	72.82
ROLLRH_SIN			0.00	-9111.74	-1157.85	562.63	-112.70	702.64	-228.90	-73.90	10.06	-102.64	-41.65	-15.85	25.19	-17.48	-49.99	236.64
TORQ_COS			102156.66	-95.74	-146.97	54.11	-140.62	-14.53	2.22	41.37	-2.33	-1.78	-15.84	-2.90	2.26	-0.40	-5.10	10.37
TORQ_SIN			0.00	1265.44	-33.92	439.75	-224.73	14.32	8.40	38.96	-33.84	-4.31	69.85	5.19	-7.98	5.16	-0.39	1.75
THRUST_COS			5896.28	95.60	5.90	71.08	9.88	48.07	8.31	24.35	0.42	-4.39	-4.63	-9.65	-2.45	-2.25	6.82	-19.07
THRUST_SIN			0.00	-392.00	-28.08	30.17	33.32	-91.49	12.50	-0.25	4.14	3.14	58.52	-1.21	-2.06	5.15	4.50	-29.19

RUN	POINT		Harmonics															
	54	10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-128.67	58.94	-61.70	2.53	22.95	98.52	13.36	-3.82	-1.81	-3.88	-7.21	-0.02	-2.82	2.43	-2.36	-1.66
SIDERH_SIN			0.00	239.63	31.31	8.39	46.22	-143.79	0.16	3.24	-0.19	5.36	-4.36	2.23	-0.85	0.42	1.47	-7.08
DRAGRH_COS			-12.75	253.52	41.72	-2.29	9.34	39.28	-40.68	0.39	-2.09	-0.03	-7.23	1.70	-1.75	-0.97	1.40	6.64
DRAGRH_SIN			0.00	-56.78	-1.32	-9.44	-13.31	110.12	-0.17	5.35	-11.43	8.13	14.11	-2.79	4.30	-1.16	-0.73	-8.14

RUN	POINT		Harmonics															
	54	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-11.58	-3.79	-8.58	-1.01	-0.69	-0.50	0.20	-0.12	-0.25	-0.02	-0.03	0.07	-0.09	0.03	-0.14	-0.01
ACT1FORCE_SIN			0.00	18.88	-2.44	-2.02	0.88	0.41	-0.26	0.59	0.01	0.19	-0.16	0.07	0.00	0.09	0.04	-0.04
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			493.00	20.53	74.92	13.97	8.54	8.40	-0.01	-0.01	0.01	0.02	0.02	-0.01	0.00	0.01	0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-146.52	16.67	19.41	-6.71	-4.59	0.03	-0.01	0.00	-0.02	0.03	0.01	-0.02	-0.02	0.01	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			312.58	-20.53	-75.05	-14.06	-8.54	-8.41	-0.01	0.02	-0.01	-0.02	-0.02	0.01	0.00	-0.01	-0.01	0.01
FA1OBVOLTAGE_SIN			0.00	146.78	-16.64	-19.49	6.65	4.60	-0.02	-0.01	0.00	0.02	-0.03	-0.01	0.01	0.01	-0.01	0.00
MRBLD1CB42P75_COS			-771.04	-2690.80	426.38	-109.12	-87.58	-66.59	-71.41	21.07	21.14	-27.62	-4.68	11.71	-5.42	-2.53	-3.58	-1.83
MRBLD1CB42P75_SIN			0.00	1064.12	28.88	96.95	215.44	-82.96	-8.77	-93.92	27.89	18.70	-81.73	24.47	11.37	7.61	-0.01	26.11

RUN	POINT		Harmonics															
	54	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4387.10	-1915.28	290.34	-158.97	-0.43	-115.86	-51.14	3.13	17.12	-15.58	-28.15	10.58	-1.34	0.08	-4.45	8.58
MRBLD1CB70_SIN			0.00	783.89	-95.69	144.91	301.32	-124.10	50.47	-57.29	22.82	23.18	-29.12	14.50	8.64	3.32	-1.37	32.87
MRBLD1CB120_COS			-342.18	-1008.96	219.15	-29.87	59.63	-122.73	-24.15	2.51	-2.54	12.50	1.05	-11.09	3.24	3.70	4.40	-1.37
MRBLD1CB120_SIN			0.00	628.35	-121.95	122.23	340.29	-93.58	74.74	-51.36	-30.16	-26.57	47.47	-6.73	0.14	0.22	-0.75	2.36
MRBLD1CB164_COS			-1960.50	-305.36	43.87	42.57	14.04	-65.16	-6.62	-2.87	-9.20	14.91	21.74	-9.42	1.33	0.52	0.24	-4.34
MRBLD1CB164_SIN			0.00	241.22	-40.59	70.16	144.15	-42.66	32.33	4.59	-41.32	-35.46	32.24	-3.05	-0.61	-0.14	4.42	-21.23
MRBLD1FB42P75_COS			2421.81	652.97	146.15	776.03	-18.14	-64.80	-131.18	-106.82	-69.77	-92.86	-8.37	8.03	-3.35	7.92	0.82	37.59
MRBLD1FB42P75_SIN			0.00	-251.72	420.24	325.52	364.13	204.24	31.69	-295.66	-9.65	-51.42	-131.56	18.45	1.19	-5.33	-19.32	23.46
MRBLD1FB70_COS			599.53	108.86	53.44	222.15	-11.36	-18.08	-24.44	-8.61	0.42	-1.47	-0.62	1.64	0.84	-0.70	-0.02	-6.77
MRBLD1FB70_SIN			0.00	-269.79	174.92	76.31	102.42	35.50	7.57	-47.57	6.33	6.20	3.29	1.93	2.05	1.79	3.80	-5.27
MRBLD1FB87_COS			84.11	131.79	-5.28	111.27	-16.13	-14.20	-0.45	7.58	11.16	18.59	4.09	-1.43	1.79	-1.61	-0.34	-8.59
MRBLD1FB87_SIN			0.00	-313.31	126.81	43.99	38.57	8.66	-2.19	25.06	-0.17	10.79	31.96	-3.19	1.82	3.40	6.27	-2.41
MRBLD1FB120_COS			-268.81	175.67	-85.85	99.97	-16.41	-20.58	7.95	6.78	-6.52	-5.55	-5.34	-5.42	-3.47	1.30	0.54	13.65
MRBLD1FB120_SIN			0.00	-424.97	135.40	114.35	18.55	-1.47	-4.11	72.67	-7.22	-9.87	-15.86	-3.37	-6.78	-7.74	-10.64	3.12
MRBLD1FB164_COS			-42.30	194.28	21.98	81.40	66.50	56.74	24.87	5.75	5.20	5.93	2.88	3.83	2.25	-4.61	-2.90	-7.38
MRBLD1FB164_SIN			0.00	-623.98	239.39	210.80	-22.43	-36.57	-7.43	-103.64	10.73	16.39	21.35	-1.86	3.97	3.33	3.09	-2.42

RUN	POINT		Harmonics															
	54	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-133.98	32.63	55.01	15.82	50.14	57.97	16.59	-7.13	6.46	26.77	4.91	-14.93	-11.32	-4.30	1.19	17.33
MRBLD1FB180_SIN			0.00	-455.01	159.55	121.31	-34.10	-20.23	7.68	-90.01	3.80	24.32	62.75	-15.89	-15.49	-14.15	-14.98	3.54
MRBLD1TOR51_COS			-1630.27	176.74	95.00	30.38	-0.17	-13.68	13.38	-15.38	-9.46	3.04	-3.44	-2.16	-1.65	1.67	3.60	1.59
MRBLD1TOR51_SIN			0.00	-277.22	164.65	82.89	13.19	5.23	-22.46	-55.56	-1.72	0.32	11.33	-3.07	-5.40	-6.25	-2.88	4.28
MRBLD1TOR71_COS			-467.31	210.14	65.60	14.52	8.85	-2.28	21.84	-15.60	-5.92	5.41	-4.48	-2.39	-0.49	1.76	2.77	1.34
MRBLD1TOR71_SIN			0.00	-258.35	138.89	46.53	-9.43	4.34	-17.95	-36.30	-0.18	3.33	15.79	-3.59	-3.66	-3.94	-0.86	2.83
MRBLD1TOR130_COS			-216.49	183.41	71.91	-12.39	15.54	3.34	18.69	-8.70	-2.84	1.34	6.33	-1.95	-0.57	-0.68	-2.04	-1.12
MRBLD1TOR130_SIN			0.00	-231.10	84.62	34.31	-19.84	-1.16	-13.23	-36.38	0.33	-3.02	1.83	4.04	3.00	3.38	2.38	-0.90
MRBLD1TOR164_COS			-376.53	89.02	51.64	-26.22	2.09	-3.56	2.80	-8.68	1.92	2.42	-1.01	-0.92	1.01	-0.01	-0.60	0.58
MRBLD1TOR164_SIN			0.00	-119.50	14.53	-16.14	-11.17	5.48	-5.96	-15.30	0.36	2.36	3.47	-2.08	0.81	1.90	-0.56	0.01
MRFBM1CB26P5_COS			-989.41	-1571.33	210.38	-54.52	-42.56	13.51	-2.40	6.94	0.72	-2.02	10.91	-0.05	-0.29	0.27	1.87	-1.95
MRFBM1CB26P5_SIN			0.00	268.63	105.95	-41.87	-15.63	-3.03	-19.47	-13.07	0.44	-4.91	-14.11	1.28	-0.58	0.06	-0.60	-0.45
MRFBM1FB9_COS			482.31	455.30	-208.60	-134.60	23.37	26.67	12.45	-6.34	1.97	1.74	-2.78	0.66	0.36	-0.04	-0.55	0.91
MRFBM1FB9_SIN			0.00	-3.75	-219.40	-165.48	-49.00	-8.63	7.73	16.48	2.44	3.21	2.95	-0.18	0.45	0.02	0.22	-1.59
MRFBM1TOR26P5_COS			-109.66	78.26	4.41	-0.48	-0.28	-0.17	0.29	0.06	-0.17	0.05	-0.12	0.09	-0.01	-0.01	0.04	0.02
MRFBM1TOR26P5_SIN			0.00	-265.24	2.27	0.28	-0.20	-0.08	-0.71	-0.15	0.12	0.07	0.09	-0.06	-0.09	-0.13	-0.07	-0.04

RUN	POINT		Harmonics															
	54	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			29.45	-2092.52	347.05	-64.47	-85.18	-36.74	-72.81	12.02	22.33	-16.36	4.72	8.32	-2.57	-0.55	0.59	-3.23
MRPC1CB33P25_SIN			0.00	1080.56	16.95	49.09	149.21	-40.42	-20.71	-84.40	7.03	-3.91	-68.91	17.14	7.30	5.91	-1.52	23.36
MRPC1FB33P25_COS			1761.48	538.14	-13.89	609.03	-85.18	-109.55	-119.70	32.09	-42.34	-38.07	73.42	-2.63	-1.11	9.12	15.97	0.32
MRPC1FB33P25_SIN			0.00	0.04	345.14	402.06	308.95	143.30	-15.31	-289.85	-45.94	-89.55	-103.58	20.21	-0.69	4.33	-8.96	49.84
MRPC1TOR25P5_COS			-185.48	-124.78	-125.28	5.07	-6.35	18.03	-17.09	17.60	12.55	0.33	11.94	3.38	2.12	-1.88	-4.81	-2.46
MRPC1TOR25P5_SIN			0.00	30.24	-169.39	-75.90	2.51	-6.42	30.36	49.42	-1.13	-4.59	-17.96	9.02	11.46	11.64	6.48	1.12
MRPLK1LOAD_COS			21.85	-20.69	-16.37	-0.88	-2.31	3.59	-3.33	2.63	2.80	0.06	1.72	-0.08	0.35	-0.01	-0.86	-0.55
MRPLK1LOAD_SIN			0.00	9.37	-23.46	-13.70	-0.49	-0.88	4.23	7.05	-0.10	-0.36	-1.81	0.74	1.74	2.12	1.00	0.33
PITCHRH_COS			1265.38	-9232.70	421.96	147.43	-22.51	-420.62	76.97	-75.26	127.83	-59.54	14.34	13.26	38.87	31.44	-0.89	-141.71
PITCHRH_SIN			0.00	1595.65	-1253.71	-137.56	-115.39	828.81	67.01	95.50	153.40	-87.51	-221.08	36.24	-22.36	14.06	10.76	95.63
ROLLRH_COS			2646.88	-1758.37	1441.27	-7.30	-82.61	-2171.95	-76.97	47.17	-193.46	113.83	211.60	-12.22	25.39	-22.52	35.11	61.65
ROLLRH_SIN			0.00	-9248.26	539.87	177.04	69.61	940.11	-124.76	-60.83	4.55	-17.54	13.04	4.09	14.22	17.33	-14.43	186.06
TORQ_COS			102168.31	349.34	23.33	218.58	16.19	-75.41	7.81	-23.46	-9.25	-0.73	-21.85	-3.65	2.20	-2.70	-4.24	5.98
TORQ_SIN			0.00	1070.25	-93.28	105.61	-118.36	48.32	8.64	46.87	-11.69	-7.58	62.59	0.80	-6.43	3.32	-2.95	0.53
THRUST_COS			5337.70	-106.36	18.15	38.53	-3.22	52.74	1.65	6.64	0.57	-3.15	-17.19	-3.43	-0.86	-1.83	1.43	-8.87
THRUST_SIN			0.00	-176.03	-9.65	-21.65	20.21	-84.45	11.10	21.34	0.10	2.27	51.66	0.08	-0.82	1.11	1.52	-24.74

RUN	POINT		Harmonics															
	54	12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-128.95	53.58	-42.74	8.64	29.03	39.83	8.34	-1.31	2.31	-4.30	-7.03	0.29	-1.41	0.56	-0.99	-1.77
SIDERH_SIN			0.00	231.56	-23.26	-1.48	-23.44	-138.85	-1.11	1.64	-0.35	0.83	-4.99	0.57	-0.62	-0.20	0.38	-5.47
DRAGRH_COS			-190.74	242.48	16.58	-2.74	2.95	79.90	-19.22	-4.42	-5.95	1.71	-6.24	0.03	-2.36	-1.07	-0.25	7.05
DRAGRH_SIN			0.00	-45.51	24.98	-2.83	1.38	72.64	-0.65	1.66	-6.49	6.09	6.72	-2.10	3.63	-0.80	0.02	-6.18

RUN	POINT		Harmonics															
	54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-8.35	-4.50	-8.93	-0.85	-0.55	-0.66	0.32	-0.30	-0.32	-0.17	-0.02	-0.04	0.02	-0.02	0.03	-0.08
ACT1FORCE_SIN			0.00	19.13	-2.59	-2.43	1.05	0.32	-0.10	0.70	0.10	0.13	-0.12	0.04	-0.07	0.07	0.01	0.03
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			592.14	25.69	80.82	13.00	6.61	9.15	-0.04	-0.02	0.02	0.01	0.01	0.00	0.00	0.01	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-146.82	18.29	21.84	-7.40	-1.99	0.02	-0.02	-0.02	0.00	0.01	0.00	-0.01	-0.01	0.00	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			213.24	-25.85	-80.90	-13.01	-6.62	-9.15	0.02	0.03	-0.02	-0.02	-0.01	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	147.04	-18.45	-21.97	7.32	1.94	-0.02	0.01	0.01	-0.01	-0.02	0.00	0.00	0.01	0.00	0.02
MRBLD1CB42P75_COS			-801.03	-3294.56	387.01	-116.99	-56.96	-34.62	-85.16	67.58	16.38	-31.06	1.46	-10.32	-5.25	-0.52	-12.30	0.67
MRBLD1CB42P75_SIN			0.00	684.30	-11.12	111.46	197.40	-62.57	-4.39	-109.87	38.57	16.81	-91.42	24.61	12.94	4.73	1.97	24.55

RUN	POINT		Harmonics															
	54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4390.33	-2318.54	236.31	-154.31	35.66	-58.93	-51.03	32.14	13.55	-19.35	-35.86	-6.08	-2.21	1.31	-11.27	10.65
MRBLD1CB70_SIN			0.00	488.85	-129.04	151.94	275.92	-78.30	33.06	-84.05	26.33	21.90	-38.66	14.12	10.42	0.52	1.05	27.98
MRBLD1CB120_COS			-356.47	-1169.44	167.76	-18.90	75.08	-65.71	-5.98	3.57	1.21	14.81	0.95	-3.00	1.49	2.81	4.50	-1.62
MRBLD1CB120_SIN			0.00	485.88	-147.07	121.61	303.80	-37.29	41.17	-86.09	-38.74	-31.28	48.59	-6.93	-1.58	0.49	-0.64	1.69
MRBLD1CB164_COS			-1945.96	-339.10	31.59	48.14	12.20	-40.41	8.35	-18.68	-2.30	19.80	28.73	-0.89	0.24	-0.94	2.94	-7.44
MRBLD1CB164_SIN			0.00	197.64	-47.40	66.57	130.16	-21.87	12.65	-6.70	-48.78	-36.25	38.30	-2.54	-2.17	1.26	2.67	-17.41
MRBLD1FB42P75_COS			2349.89	822.01	188.93	761.50	-86.15	-69.10	-148.24	-44.03	-70.60	-94.35	28.31	-0.78	-5.47	8.17	-0.99	34.98
MRBLD1FB42P75_SIN			0.00	-199.60	460.90	288.31	265.87	233.61	52.97	-395.59	-2.24	-64.16	-159.21	27.39	-0.65	-3.42	-7.95	17.75
MRBLD1FB70_COS			579.89	113.70	73.72	216.70	-28.45	-14.06	-27.64	3.29	-0.25	-2.57	-1.54	1.70	0.97	-0.92	0.30	-6.32
MRBLD1FB70_SIN			0.00	-280.60	185.34	65.62	71.76	44.06	12.57	-65.71	8.20	6.12	2.80	2.00	2.56	1.55	1.75	-3.89
MRBLD1FB87_COS			82.31	140.74	12.58	106.29	-22.83	-12.87	0.66	1.77	11.13	18.39	-4.32	1.30	1.88	-1.80	0.26	-8.13
MRBLD1FB87_SIN			0.00	-314.88	134.36	37.01	25.69	11.22	-2.80	33.49	-1.15	13.60	37.93	-5.76	1.95	3.23	3.57	-1.18
MRBLD1FB120_COS			-248.86	191.81	-70.62	100.45	-18.51	-23.12	14.57	-11.12	-6.23	-3.68	-2.19	-6.39	-2.77	2.14	-0.01	12.22
MRBLD1FB120_SIN			0.00	-409.87	142.54	98.57	27.50	-12.56	-8.80	97.50	-10.35	-10.44	-17.17	-2.10	-7.11	-7.67	-6.56	1.42
MRBLD1FB164_COS			-139.30	238.39	44.17	85.64	90.96	60.38	18.53	31.99	6.49	1.51	-3.08	7.34	1.93	-5.69	-2.42	-6.17
MRBLD1FB164_SIN			0.00	-668.85	258.22	180.76	1.68	-42.17	-2.48	-138.05	16.04	17.90	24.26	-2.38	5.65	3.77	0.33	-2.10

RUN	POINT		Harmonics															
	54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-235.80	66.21	66.01	17.00	63.34	67.67	10.86	11.38	5.72	26.18	-10.57	-8.94	-11.05	-3.32	0.07	14.89
MRBLD1FB180_SIN			0.00	-499.27	167.17	105.77	-26.42	-21.99	19.91	-119.69	2.88	27.17	75.82	-17.84	-15.95	-12.39	-10.21	2.76
MRBLD1TOR51_COS			-1774.37	181.24	126.32	26.00	-5.66	-13.73	15.41	-0.98	-12.80	3.91	-6.75	-2.23	-2.18	1.78	2.94	1.45
MRBLD1TOR51_SIN			0.00	-401.72	176.83	88.55	8.17	10.07	-15.93	-70.14	-4.00	-0.43	11.71	-1.04	-5.77	-5.36	-2.99	4.31
MRBLD1TOR71_COS			-600.12	222.95	97.59	10.52	4.05	-3.89	24.49	-7.40	-8.68	6.17	-8.33	-1.72	-1.06	1.79	2.51	0.82
MRBLD1TOR71_SIN			0.00	-371.72	150.44	53.46	-8.96	6.55	-13.23	-46.61	-2.59	2.58	16.08	-1.16	-4.22	-3.65	-0.72	2.94
MRBLD1TOR130_COS			-350.52	193.94	103.95	-14.51	12.58	1.49	19.61	0.62	-6.04	2.05	8.79	-3.60	-0.69	-0.45	-1.94	-1.53
MRBLD1TOR130_SIN			0.00	-347.91	94.28	42.37	-13.71	-0.60	-11.00	-44.79	0.55	-4.97	1.93	5.92	2.22	2.34	3.16	-0.74
MRBLD1TOR164_COS			-466.27	88.91	71.94	-29.17	-1.89	-4.60	0.56	-5.93	0.89	2.28	-1.75	-0.47	1.29	-0.19	-1.51	0.85
MRBLD1TOR164_SIN			0.00	-203.24	17.16	-5.07	-13.86	9.24	-4.94	-19.44	0.19	2.37	2.73	-0.98	0.62	1.35	0.07	-0.33
MRFBM1CB26P5_COS			-1039.31	-1995.02	205.39	-71.00	-38.36	12.27	-6.22	11.99	-0.34	-1.55	15.77	-0.29	0.15	0.06	1.57	-1.86
MRFBM1CB26P5_SIN			0.00	-48.50	85.31	-19.31	-5.28	-9.04	-14.52	-8.32	2.85	-5.73	-12.68	1.31	-1.00	0.49	-0.48	0.10
MRFBM1FB9_COS			358.40	864.85	-227.09	-134.75	24.46	27.06	13.89	-13.27	2.33	1.48	-4.03	1.08	0.26	0.08	-0.15	0.73
MRFBM1FB9_SIN			0.00	80.64	-236.67	-155.37	-35.27	-11.82	6.13	18.04	2.44	3.85	2.48	0.26	0.53	0.02	0.21	-1.41
MRFBM1TOR26P5_COS			-110.49	77.39	5.51	-0.66	0.00	0.02	0.29	0.05	-0.10	0.02	-0.25	0.14	-0.02	-0.02	0.05	0.03
MRFBM1TOR26P5_SIN			0.00	-267.15	2.67	0.28	-0.23	-0.01	-0.21	-0.28	-0.02	0.18	0.12	-0.14	-0.06	-0.08	-0.12	-0.04

RUN	POINT		Harmonics															
	54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			0.98	-2528.25	308.64	-70.24	-71.66	-23.08	-82.11	43.88	22.33	-16.82	14.08	-4.82	-2.65	0.68	-6.55	-0.86
MRPC1CB33P25_SIN			0.00	866.54	-18.02	56.14	135.82	-38.49	-13.48	-97.99	17.14	-4.81	-76.01	19.92	8.66	3.48	0.18	22.57
MRPC1FB33P25_COS			1704.67	677.09	8.77	601.53	-118.63	-120.73	-143.35	121.70	-47.54	-33.40	115.50	-15.70	-1.01	8.57	5.51	4.58
MRPC1FB33P25_SIN			0.00	54.69	386.41	366.07	211.77	166.08	-5.40	-343.90	-39.77	-101.03	-103.75	20.15	-3.73	5.36	-3.34	44.56
MRPC1TOR25P5_COS			-37.39	-139.28	-159.52	8.61	0.49	16.75	-21.03	6.67	15.32	-0.70	18.96	0.97	2.95	-1.56	-5.04	-2.88
MRPC1TOR25P5_SIN			0.00	156.33	-180.79	-83.78	4.68	-9.71	21.43	63.45	3.09	-5.16	-19.23	8.68	11.09	9.49	8.94	1.18
MRPLK1LOAD_COS			41.32	-23.24	-20.69	-0.27	-1.40	3.28	-3.74	1.21	2.91	-0.11	2.90	-0.59	0.46	0.03	-0.90	-0.72
MRPLK1LOAD_SIN			0.00	24.91	-24.93	-14.60	-0.14	-1.49	2.65	9.23	0.67	-0.74	-2.07	1.06	1.57	1.54	1.50	0.31
PITCHRH_COS			-5297.53	-9182.48	545.53	117.74	-19.16	-630.70	88.74	-91.96	96.66	-81.44	-87.79	0.30	51.01	11.29	-5.02	-146.48
PITCHRH_SIN			0.00	1589.85	-1339.52	-200.60	-111.42	772.90	-5.28	23.14	233.85	-50.26	-246.68	29.47	-17.70	21.06	10.21	109.00
ROLLRH_COS			1064.72	-1866.20	1421.77	46.84	-83.93	-1634.88	-5.06	38.99	-214.31	89.90	169.86	-25.37	43.08	-21.76	26.16	8.82
ROLLRH_SIN			0.00	-9236.94	623.25	219.50	105.22	722.80	11.29	-16.97	-31.80	-56.45	23.42	1.55	8.28	16.32	-25.62	114.74
TORQ_COS			100636.34	273.18	65.36	251.94	11.54	-88.22	6.38	-43.77	-6.09	-1.91	-33.11	-4.82	2.69	-1.20	-4.28	5.22
TORQ_SIN			0.00	1148.37	-61.82	72.44	-124.32	59.18	6.47	20.08	-14.25	-7.31	64.57	0.69	-6.73	3.99	-3.04	-2.08
THRUST_COS			5003.24	-93.44	21.01	38.27	-5.44	55.75	3.30	-1.79	-2.06	-3.76	-26.53	-4.40	-2.52	-1.44	2.39	-12.64
THRUST_SIN			0.00	-184.10	-16.45	-30.14	20.05	-97.52	7.46	20.03	-1.66	2.38	55.26	0.00	-0.24	-0.53	2.87	-20.05

RUN	POINT		Harmonics															
	54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-128.64	56.36	-39.26	8.13	27.08	31.43	5.09	-0.64	3.46	-3.10	-5.03	0.94	-1.84	0.46	-0.82	0.33
SIDERH_SIN			0.00	228.92	-23.31	-1.01	-33.87	-108.97	-7.49	1.14	0.60	3.17	-4.75	0.01	-0.33	-0.36	0.62	-3.33
DRAGRH_COS			-255.03	239.61	14.91	-5.56	0.22	18.34	-34.63	-1.07	-4.53	3.93	3.36	-0.17	-2.02	-0.89	0.41	7.89
DRAGRH_SIN			0.00	-44.28	30.53	-3.35	3.13	2.16	7.67	-1.62	-8.00	4.93	5.27	-1.74	3.21	-0.81	0.22	-7.59

RUN	POINT		Harmonics															
	54	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-5.67	-4.84	-9.96	-0.24	0.42	-0.29	0.14	-0.31	-0.32	-0.15	0.01	-0.03	0.11	0.07	0.08	-0.02
ACT1FORCE_SIN			0.00	19.80	-3.16	-3.51	1.27	0.66	0.09	0.61	0.14	0.02	-0.06	-0.09	-0.04	0.03	0.09	0.04
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			676.24	28.04	87.63	9.68	-0.38	4.77	-0.01	-0.02	0.01	0.01	0.01	-0.01	0.00	0.01	0.00	-0.01
FA1IBVOLTAGE_SIN			0.00	-152.58	21.86	31.58	-8.70	-5.97	0.03	-0.01	0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			129.05	-28.24	-87.69	-9.61	0.38	-4.78	-0.01	0.02	0.00	-0.02	-0.01	0.00	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	152.74	-22.04	-31.72	8.62	5.96	-0.03	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS			-812.11	-3722.81	346.67	-111.82	-10.64	-15.94	-94.92	58.35	23.61	-29.77	2.55	-24.08	-13.43	4.39	-11.01	6.03
MRBLD1CB42P75_SIN			0.00	378.54	-53.88	106.71	211.13	-54.41	17.47	-137.09	43.42	14.26	-91.20	50.76	7.60	0.72	9.04	15.83

RUN	POINT		Harmonics															
	54	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4401.99	-2604.11	175.31	-120.32	96.29	-36.75	-29.64	26.62	18.48	-15.59	-37.61	-12.34	-7.28	3.37	-9.29	14.34
MRBLD1CB70_SIN			0.00	252.24	-178.15	141.05	283.77	-82.61	59.31	-105.14	27.23	19.82	-30.60	34.59	11.21	-2.10	7.62	16.76
MRBLD1CB120_COS			-360.93	-1278.64	97.40	18.29	137.72	-53.25	29.29	-4.75	-3.45	5.43	3.16	3.42	4.52	2.26	3.66	-0.46
MRBLD1CB120_SIN			0.00	374.74	-189.10	106.13	307.19	-42.79	65.51	-90.60	-40.95	-29.64	47.67	-18.68	0.63	0.44	-1.45	2.19
MRBLD1CB164_COS			-1933.84	-357.35	11.16	69.01	36.58	-36.84	27.58	-20.40	-7.84	10.48	35.48	4.16	2.79	-1.35	3.53	-10.83
MRBLD1CB164_SIN			0.00	160.62	-59.83	57.68	134.62	-29.74	21.77	1.79	-48.21	-33.70	33.24	-15.23	-3.71	0.84	-0.81	-10.57
MRBLD1FB42P75_COS			2281.63	955.82	237.19	760.36	-38.32	-19.92	-174.62	-87.94	-57.76	-109.31	33.55	-12.50	-17.26	9.34	6.08	28.11
MRBLD1FB42P75_SIN			0.00	-163.62	526.80	210.16	240.42	274.15	90.22	-449.86	24.30	-45.57	-178.14	47.32	-5.89	-9.49	-1.14	0.18
MRBLD1FB70_COS			566.39	120.64	98.07	218.50	-7.99	-1.77	-32.26	-5.88	1.94	-3.03	-1.51	2.85	2.14	-0.85	-0.76	-5.01
MRBLD1FB70_SIN			0.00	-293.97	205.63	37.56	66.45	53.92	22.27	-76.91	10.17	6.28	2.36	1.18	2.66	2.18	0.27	-0.57
MRBLD1FB87_COS			86.75	148.59	33.77	109.21	-12.79	-10.30	1.66	4.30	8.68	20.64	-6.21	3.13	4.86	-2.37	-1.82	-6.66
MRBLD1FB87_SIN			0.00	-317.01	148.36	19.31	23.57	13.29	-3.30	37.53	-5.36	10.48	42.29	-11.76	3.10	5.15	2.16	2.47
MRBLD1FB120_COS			-227.36	201.29	-45.19	112.83	-21.16	-29.60	22.24	1.29	-8.46	-1.73	-0.78	-7.10	-4.84	2.11	2.78	9.88
MRBLD1FB120_SIN			0.00	-399.30	161.18	76.72	30.00	-21.87	-17.19	112.15	-13.33	-11.10	-17.14	1.92	-7.53	-9.34	-4.29	-3.90
MRBLD1FB164_COS			-236.43	268.86	94.01	94.87	77.70	56.61	6.13	16.09	8.51	-2.60	-7.41	9.26	5.73	-7.14	-5.42	-5.31
MRBLD1FB164_SIN			0.00	-725.70	296.53	157.16	-14.27	-43.71	1.86	-161.79	22.20	18.25	24.68	-9.64	7.41	7.14	-1.06	-0.96

RUN	POINT		Harmonics															
	54	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-333.71	88.90	93.62	20.02	50.16	72.50	3.99	-9.29	1.95	28.05	-12.67	-7.09	-9.83	-3.42	3.91	12.69
MRBLD1FB180_SIN			0.00	-548.30	186.29	96.64	-40.79	-25.49	31.30	-136.58	0.87	18.89	84.61	-26.53	-12.89	-12.61	-8.70	-2.96
MRBLD1TOR51_COS			-1918.25	181.07	160.65	22.40	-9.56	-10.73	15.75	-11.35	-16.83	3.18	-7.08	-2.03	-3.09	1.74	4.22	2.63
MRBLD1TOR51_SIN			0.00	-531.07	191.72	92.58	2.28	13.10	-13.44	-74.99	-3.33	-4.01	13.74	-0.81	-5.30	-6.25	-1.63	3.59
MRBLD1TOR71_COS			-732.02	229.81	132.93	5.68	-2.54	-3.19	25.62	-16.08	-12.08	5.75	-9.01	-0.04	-1.41	1.50	3.73	1.63
MRBLD1TOR71_SIN			0.00	-490.53	164.72	61.08	-13.69	7.34	-13.25	-47.98	-3.91	-0.94	17.64	-2.01	-3.78	-4.42	-0.48	2.88
MRBLD1TOR130_COS			-483.91	198.58	138.96	-18.54	3.58	0.45	19.58	-5.83	-8.12	-1.05	10.71	-3.59	-0.60	-0.51	-1.69	-1.91
MRBLD1TOR130_SIN			0.00	-469.35	104.58	53.92	-16.96	-1.56	-11.98	-47.48	1.92	-6.79	0.81	6.32	1.35	1.98	1.98	-0.13
MRBLD1TOR164_COS			-556.08	85.59	93.49	-34.13	-5.80	-3.35	-1.07	-9.12	1.55	1.37	-2.60	0.77	2.17	-0.42	-2.68	1.02
MRBLD1TOR164_SIN			0.00	-288.75	16.31	8.55	-13.94	10.65	-3.99	-21.41	-0.08	2.38	2.48	-1.80	0.80	2.01	-0.16	-1.57
MRFBM1CB26P5_COS			-1077.78	-2326.58	201.73	-95.48	-39.90	12.80	-14.66	11.08	-0.41	-2.64	17.43	-1.96	-0.06	0.59	1.31	-1.12
MRFBM1CB26P5_SIN			0.00	-323.10	60.75	0.77	0.77	-4.99	-15.41	-9.23	4.48	-5.74	-14.84	1.37	-2.35	0.38	0.01	0.48
MRFBM1FB9_COS			241.48	1208.95	-240.72	-144.50	15.30	24.56	17.50	-13.29	2.99	1.99	-4.61	2.22	0.07	-0.22	0.03	-0.12
MRFBM1FB9_SIN			0.00	157.81	-267.09	-133.16	-36.21	-18.11	3.10	22.10	1.04	3.86	2.17	0.21	0.95	-0.15	-0.07	-1.07
MRFBM1TOR26P5_COS			-111.32	72.45	6.43	-0.70	-0.01	0.10	0.40	-0.09	-0.13	0.13	-0.32	0.11	-0.03	-0.02	0.04	0.02
MRFBM1TOR26P5_SIN			0.00	-269.78	3.19	0.13	-0.28	0.05	-0.10	-0.27	-0.03	0.18	0.20	-0.16	-0.03	-0.08	-0.09	-0.03

RUN	POINT		Harmonics															
	54	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-13.88	-2819.76	274.39	-73.05	-43.19	-13.55	-97.71	32.73	30.49	-20.93	14.03	-12.26	-9.26	4.78	-6.00	4.64
MRPC1CB33P25_SIN			0.00	703.90	-48.28	51.58	144.48	-30.56	3.85	-114.03	20.26	-4.89	-80.49	37.16	4.66	-0.39	5.81	15.34
MRPC1FB33P25_COS			1652.31	791.28	34.02	613.49	-72.66	-91.43	-176.27	109.63	-48.64	-54.97	130.46	-36.62	-4.91	14.88	4.01	15.54
MRPC1FB33P25_SIN			0.00	94.95	448.85	298.65	200.67	211.67	15.61	-405.24	-12.58	-94.80	-114.75	27.58	-15.06	2.76	7.19	28.62
MRPC1TOR25P5_COS			108.41	-149.89	-195.13	13.07	9.00	13.89	-23.38	18.92	20.39	-2.02	20.57	0.37	4.34	-1.24	-6.09	-2.87
MRPC1TOR25P5_SIN			0.00	287.62	-193.95	-90.94	11.64	-11.14	18.62	65.58	3.33	-1.23	-23.02	9.50	9.35	10.49	6.81	0.80
MRPLK1LOAD_COS			60.91	-25.28	-25.31	0.35	-0.39	2.74	-4.04	3.04	3.51	-0.58	3.27	-0.45	0.74	0.06	-1.02	-0.67
MRPLK1LOAD_SIN			0.00	41.44	-26.84	-15.25	0.74	-1.93	2.18	9.68	0.56	-0.31	-2.69	1.27	1.24	1.61	1.00	0.29
PITCHRH_COS			-10734.48	-9082.42	658.29	100.05	-49.29	-613.55	-7.56	-72.44	133.79	-103.13	-208.71	1.79	32.82	11.85	-6.35	-96.94
PITCHRH_SIN			0.00	1821.37	-1369.06	-200.31	-63.47	770.85	20.44	17.17	187.83	-43.43	-152.84	-1.17	-12.71	17.28	11.10	149.04
ROLLRH_COS			-785.61	-2131.92	1441.01	132.03	-91.36	-1391.09	10.44	-37.72	-261.36	94.85	157.44	-11.62	27.98	-9.50	19.33	-51.58
ROLLRH_SIN			0.00	-9168.45	778.51	183.75	173.50	1121.62	-76.54	-15.06	-19.57	-89.51	12.72	2.98	6.54	28.88	-13.74	106.88
TORQ_COS			99178.52	188.78	88.14	262.96	-32.30	-120.40	5.56	-30.87	-5.26	-3.01	-32.36	-2.72	4.00	-1.32	-4.94	2.74
TORQ_SIN			0.00	1171.66	-27.26	49.35	-157.09	69.19	6.76	6.52	-10.84	-6.91	76.05	2.08	-5.49	4.95	-1.78	-4.24
THRUST_COS			4687.39	-69.71	24.30	31.70	-1.03	35.20	1.23	1.08	-2.74	-4.10	-29.97	-1.34	-0.40	-3.07	1.13	-14.69
THRUST_SIN			0.00	-191.67	-17.18	-34.64	22.52	-112.60	10.32	13.33	-3.42	1.24	60.97	0.27	-0.27	-0.43	1.57	-8.59

RUN	POINT		Harmonics															
	54	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-128.68	64.88	-41.23	7.17	16.98	-8.20	2.45	0.58	4.96	-3.01	-4.57	0.16	-1.01	0.07	-0.59	2.06
SIDERH_SIN			0.00	228.23	-28.48	0.80	-51.20	-122.97	-3.41	-0.28	0.03	4.74	-4.02	-0.11	-0.46	-0.85	0.28	-3.60
DRAGRH_COS			-299.22	240.66	15.93	-5.03	1.62	27.22	-19.97	-3.76	-4.87	6.12	13.23	-0.56	-2.09	-0.09	0.74	4.63
DRAGRH_SIN			0.00	-47.81	33.31	-1.88	2.98	-29.33	9.38	-1.40	-6.51	6.49	0.19	1.72	1.76	-0.46	-0.22	-9.04

RUN	POINT		Harmonics															
	54	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-20.85	-2.02	-8.06	-0.55	-1.14	-0.38	0.17	-0.05	-0.13	-0.03	0.11	-0.01	0.01	-0.08	-0.09	-0.05
ACT1FORCE_SIN			0.00	16.80	-1.88	-2.41	1.71	-0.01	0.10	0.24	0.25	0.04	-0.11	-0.04	0.03	0.06	0.02	-0.06
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			264.85	5.66	70.18	11.60	9.44	5.02	-0.01	0.00	-0.02	0.01	0.00	-0.01	-0.01	0.02	0.01	-0.02
FA1IBVOLTAGE_SIN			0.00	-129.24	13.97	25.35	-15.19	2.62	-0.03	0.01	-0.01	0.01	0.01	0.01	0.00	-0.01	0.01	-0.01
FA1OBCURRENT_COS			0.02	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			541.14	-5.45	-70.41	-11.77	-9.35	-5.05	0.00	0.01	0.02	-0.01	-0.01	0.01	0.01	-0.01	0.00	0.02
FA1OBVOLTAGE_SIN			0.00	129.55	-13.74	-25.43	15.24	-2.58	0.02	-0.02	0.01	-0.01	0.00	-0.01	0.01	0.02	-0.01	0.01
MRBLD1CB42P75_COS			-658.87	-1067.45	586.44	-48.12	-122.98	-86.17	-57.08	-60.73	14.21	-26.54	1.16	24.09	-3.29	-8.39	-2.06	-3.27
MRBLD1CB42P75_SIN			0.00	2183.94	19.34	91.21	231.72	-80.66	-21.35	-49.55	4.62	24.25	-78.41	18.02	18.13	13.90	-1.42	32.67

RUN	POINT		Harmonics															
	54	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4422.80	-893.13	441.89	-141.39	-53.73	-88.83	-96.02	-45.64	13.84	-16.08	-5.95	17.45	0.19	-2.07	-5.27	11.20
MRBLD1CB70_SIN			0.00	1594.60	-84.49	153.00	336.51	-101.38	45.92	-18.47	6.34	26.65	-31.07	7.58	9.21	7.93	-2.96	42.62
MRBLD1CB120_COS			-279.07	-618.80	340.65	-36.24	11.92	-64.67	-107.90	-11.01	4.18	17.77	-2.85	-13.48	3.10	4.71	3.89	-2.71
MRBLD1CB120_SIN			0.00	1015.41	-98.04	126.51	400.00	-76.48	83.07	-21.61	-34.01	-30.28	48.56	-3.00	-0.98	-0.03	-1.02	3.63
MRBLD1CB164_COS			-1997.20	-228.58	79.12	32.13	-1.77	-45.82	-53.52	20.79	-5.99	17.20	1.66	-13.08	0.34	-0.10	-0.24	-6.03
MRBLD1CB164_SIN			0.00	342.29	-30.81	72.36	167.68	-27.05	41.87	2.50	-32.82	-36.86	31.83	3.78	-0.22	-0.51	6.21	-27.62
MRBLD1FB42P75_COS			2555.61	234.15	89.58	780.34	-26.72	-96.22	-89.38	-228.08	-78.50	-81.34	-37.31	22.80	6.24	3.65	-1.12	48.43
MRBLD1FB42P75_SIN			0.00	-396.06	348.21	361.09	540.14	138.03	1.84	-99.79	-54.24	-68.83	-96.86	-2.20	10.33	-0.32	-29.66	33.69
MRBLD1FB70_COS			638.28	104.14	21.30	229.45	-21.26	-24.66	-18.10	-29.58	-1.69	-0.45	0.61	0.69	-0.11	-0.06	-0.02	-9.12
MRBLD1FB70_SIN			0.00	-237.33	153.89	89.06	156.38	17.63	-1.07	-10.46	1.16	5.28	3.27	2.45	1.11	1.14	5.38	-7.98
MRBLD1FB87_COS			84.02	117.48	-35.89	117.41	-22.95	-14.50	-2.39	20.15	12.99	16.91	11.22	-4.13	0.44	0.43	1.57	-9.59
MRBLD1FB87_SIN			0.00	-310.10	116.19	54.49	62.00	1.62	-3.99	7.90	6.19	12.75	24.06	1.83	-0.78	1.41	8.60	-3.93
MRBLD1FB120_COS			-312.29	148.31	-116.16	92.01	-9.41	-18.53	-4.19	35.48	-6.71	-9.77	-9.91	-4.78	-4.67	-1.48	-1.63	15.39
MRBLD1FB120_SIN			0.00	-465.80	128.59	139.20	3.75	16.34	3.76	21.96	1.35	-9.11	-14.91	-7.64	-5.08	-5.82	-13.68	5.81
MRBLD1FB164_COS			157.41	113.63	-27.79	71.01	60.37	49.50	42.77	-39.79	0.69	14.47	11.22	-1.33	1.15	-1.52	-1.79	-8.37
MRBLD1FB164_SIN			0.00	-526.62	201.11	265.19	-64.74	-34.31	-17.20	-31.68	-0.55	13.39	21.89	3.33	0.02	1.10	5.96	-2.90

RUN	POINT		Harmonics															
	54	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			75.16	-32.63	24.16	7.88	49.91	41.72	23.40	-34.79	5.60	27.08	19.92	-19.85	-13.30	-6.88	-1.08	19.11
MRBLD1FB180_SIN			0.00	-354.01	141.81	151.50	-52.15	-15.55	-18.70	-33.46	7.10	27.77	47.94	-9.09	-16.78	-12.87	-17.74	6.77
MRBLD1TOR51_COS			-1347.82	174.29	44.20	37.15	10.56	-21.22	5.85	-39.05	-2.18	0.66	0.84	-2.52	-0.34	0.52	3.78	2.82
MRBLD1TOR51_SIN			0.00	-20.37	146.50	69.52	24.83	15.13	-41.11	-18.67	0.34	3.31	7.37	-3.52	-5.90	-5.39	-5.27	5.32
MRBLD1TOR71_COS			-206.32	185.70	9.43	20.37	21.31	-8.02	14.58	-27.97	-0.04	2.52	-0.01	-4.94	0.33	0.91	2.53	1.29
MRBLD1TOR71_SIN			0.00	-28.75	122.49	30.42	-6.72	15.40	-33.41	-7.36	5.04	5.78	12.22	-3.06	-4.53	-3.55	-1.96	3.29
MRBLD1TOR130_COS			49.17	164.30	13.47	-9.74	29.56	0.77	13.44	-22.28	2.26	1.59	5.03	-2.41	-0.70	-0.71	-2.50	-2.45
MRBLD1TOR130_SIN			0.00	6.37	69.89	17.63	-27.89	9.63	-22.20	-11.69	1.01	-2.36	0.47	4.50	3.60	3.18	3.69	-1.40
MRBLD1TOR164_COS			-198.17	89.24	13.58	-22.87	6.97	-5.60	2.72	-10.17	1.67	2.83	0.94	-2.49	0.19	0.66	-0.29	-1.53
MRBLD1TOR164_SIN			0.00	51.25	13.36	-34.74	-8.38	6.91	-11.89	-3.14	2.46	1.06	2.35	-1.22	0.37	0.83	0.53	0.53
MRFBM1CB26P5_COS			-928.03	-710.09	249.69	-20.72	-41.05	-6.24	13.04	-1.46	0.72	-1.33	4.94	1.35	-0.37	-0.36	2.71	-3.08
MRFBM1CB26P5_SIN			0.00	1050.21	122.36	-72.64	-30.79	-10.42	-23.78	-12.97	-3.00	-4.62	-13.46	1.65	0.90	-0.54	-1.11	-0.63
MRFBM1FB9_COS			720.73	-382.49	-186.98	-132.49	37.22	23.44	9.68	6.07	0.73	1.11	-2.01	-0.14	0.64	0.23	-0.89	1.17
MRFBM1FB9_SIN			0.00	-227.73	-183.50	-173.93	-65.44	-1.89	12.28	12.65	3.97	2.99	3.28	-0.72	0.04	0.04	0.35	-2.08
MRFBM1TOR26P5_COS			-107.18	79.08	2.84	0.03	-0.11	-0.40	0.26	-0.16	-0.22	0.04	-0.08	0.18	-0.01	-0.01	0.04	0.10
MRFBM1TOR26P5_SIN			0.00	-261.95	2.85	0.83	-0.72	0.25	-1.17	-0.15	0.03	0.16	0.08	-0.10	-0.13	-0.09	-0.11	-0.04

RUN	POINT		Harmonics															
	54	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			133.19	-708.00	511.81	14.37	-86.87	-72.44	-48.84	-52.09	13.33	-14.44	-0.67	18.79	-0.10	-4.65	3.02	-4.70
MRPC1CB33P25_SIN			0.00	1824.52	-15.61	44.52	157.42	-42.52	-25.38	-48.20	-13.72	-2.82	-64.17	10.02	12.79	10.40	-4.19	29.21
MRPC1FB33P25_COS			1866.66	194.13	-43.33	611.92	-133.62	-117.17	-76.96	-141.06	-28.84	-18.58	33.83	23.65	-0.81	2.40	24.27	-3.49
MRPC1FB33P25_SIN			0.00	-149.57	271.68	434.93	453.03	82.38	-23.19	-184.73	-86.75	-96.94	-96.61	15.62	13.02	3.87	-16.22	66.03
MRPC1TOR25P5_COS			-480.68	-98.60	-71.45	-1.95	-22.98	28.37	-6.31	35.17	5.62	4.75	5.92	3.66	0.89	-0.62	-4.33	-7.40
MRPC1TOR25P5_SIN			0.00	-221.95	-152.65	-61.67	-6.09	-20.70	52.33	14.57	-5.06	-8.96	-12.79	10.16	12.99	10.09	10.95	1.70
MRPLK1LOAD_COS			-17.44	-16.62	-9.57	-1.91	-4.65	5.28	-1.98	5.26	2.15	0.60	0.95	-0.30	0.11	0.05	-0.78	-1.59
MRPLK1LOAD_SIN			0.00	-22.20	-21.49	-11.95	-1.25	-2.92	7.28	2.17	-0.35	-0.99	-1.25	1.01	1.97	1.75	1.86	0.44
PITCHRH_COS			15837.45	-9284.12	-148.48	156.24	-67.49	-212.87	-57.37	-141.70	25.98	-9.80	149.44	-25.76	27.49	16.63	-17.69	-136.72
PITCHRH_SIN			0.00	1687.84	-1047.00	-24.15	-13.02	1018.09	-103.70	111.53	115.39	-195.96	-283.78	46.23	-10.55	37.11	12.43	54.18
ROLLRH_COS			6977.61	-1693.08	1160.50	-93.93	-62.89	-2773.42	7.09	53.61	-31.42	193.39	204.40	5.30	36.17	-68.90	52.57	154.84
ROLLRH_SIN			0.00	-9299.20	17.22	206.28	206.08	847.92	-241.44	-122.11	-133.21	-1.61	36.05	-28.42	0.73	11.32	-26.23	213.52
TORQ_COS			105213.30	433.60	-33.00	138.43	10.69	0.39	10.38	13.71	-6.15	3.44	0.38	-2.54	2.78	-1.96	-5.31	10.54
TORQ_SIN			0.00	872.99	-81.72	114.71	-126.87	35.56	9.86	55.96	-13.58	-6.00	55.28	4.17	-5.95	4.71	-1.87	2.24
THRUST_COS			5982.62	-89.43	-0.78	34.81	0.37	47.01	2.48	16.08	0.96	-4.80	4.88	-6.14	-4.23	2.43	1.38	-18.78
THRUST_SIN			0.00	-163.22	4.71	-6.81	29.80	-64.28	7.12	15.58	3.44	5.53	44.26	5.85	1.19	-1.84	3.85	-30.33

RUN	POINT		Harmonics															
	54	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-126.52	57.48	-23.19	0.44	3.09	87.36	1.13	-2.51	-1.21	-8.04	-8.81	-0.74	-1.53	1.85	-1.64	-3.97
SIDERH_SIN			0.00	236.28	-2.69	-3.13	-45.33	-165.49	4.44	2.68	4.31	0.55	-5.58	2.15	-0.35	-0.08	0.50	-6.05
DRAGRH_COS			-37.58	241.12	15.50	-2.05	2.24	134.71	-17.40	-4.36	-1.20	-1.84	-17.35	3.75	-3.26	-0.24	1.59	6.72
DRAGRH_SIN			0.00	-54.18	16.45	-1.02	12.54	211.64	12.56	3.97	-9.78	11.80	9.67	-1.77	0.95	-1.53	-0.48	-4.45

RUN	POINT		Harmonics															
	54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-24.98	-0.45	-7.24	-0.59	-1.35	-0.45	0.31	0.05	0.10	0.05	0.08	0.06	0.01	0.02	-0.05	-0.10
ACT1FORCE_SIN			0.00	14.80	-1.18	-2.09	2.34	-0.37	0.01	0.03	0.27	0.15	-0.13	-0.07	0.09	0.08	0.12	-0.03
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			189.00	-6.75	64.10	10.15	11.47	5.86	-0.02	0.01	-0.02	0.01	-0.01	0.00	-0.01	0.01	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	-114.00	8.00	22.61	-21.11	3.11	-0.02	0.00	-0.04	0.01	-0.01	0.00	-0.01	-0.01	0.01	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			617.16	7.02	-64.34	-10.34	-11.29	-5.94	0.00	0.01	0.01	-0.01	0.01	-0.01	0.01	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	114.32	-7.71	-22.70	21.23	-3.04	0.00	-0.01	0.03	0.00	0.00	0.00	0.01	0.01	-0.01	0.00
MRBLD1CB42P75_COS			-650.77	-131.05	626.23	-3.68	-146.68	-139.03	-54.47	-92.67	19.30	-22.84	-24.79	40.04	4.28	-3.53	3.96	2.24
MRBLD1CB42P75_SIN			0.00	2749.15	-92.54	72.60	241.89	-78.01	-23.98	7.99	3.43	30.93	-59.20	-3.64	20.31	22.26	-4.62	37.96

RUN	POINT		Harmonics															
	54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4420.01	-310.25	497.58	-117.54	-65.62	-172.62	-119.82	-55.45	19.85	-14.91	-4.28	28.65	3.21	0.75	0.16	19.26
MRBLD1CB70_SIN			0.00	2028.59	-150.72	158.28	338.41	-92.24	57.27	29.53	7.42	29.18	-20.05	-9.00	9.49	12.85	-6.39	42.80
MRBLD1CB120_COS			-250.94	-385.39	395.39	-32.45	19.45	-151.37	-139.66	-9.10	1.26	11.86	12.70	-20.25	1.47	3.60	3.34	-2.83
MRBLD1CB120_SIN			0.00	1238.61	-125.65	133.18	417.08	-78.75	101.04	9.89	-40.95	-29.49	41.58	7.33	-3.03	-4.13	-0.05	3.24
MRBLD1CB164_COS			-2022.55	-178.14	101.42	29.24	3.74	-83.60	-65.21	35.75	-9.22	10.23	0.42	-18.87	1.64	-1.31	-2.44	-9.70
MRBLD1CB164_SIN			0.00	398.08	-35.62	71.93	172.23	-26.76	55.55	-3.73	-34.71	-33.11	23.88	14.33	-1.07	-1.93	7.72	-26.10
MRBLD1FB42P75_COS			2641.81	6.72	103.69	812.85	16.55	-101.33	-78.58	-250.11	-90.77	-81.68	-76.54	20.34	17.14	9.45	-2.67	57.18
MRBLD1FB42P75_SIN			0.00	-479.15	322.24	355.07	710.62	69.33	-18.38	53.29	-63.28	-58.24	-53.69	-22.74	5.13	-0.74	-39.08	31.14
MRBLD1FB70_COS			654.25	98.90	16.54	243.75	-11.67	-31.55	-17.35	-31.74	-1.80	1.75	2.61	1.44	-0.74	-0.79	-0.45	-11.13
MRBLD1FB70_SIN			0.00	-233.71	143.32	84.94	209.51	0.98	-5.45	17.45	-0.36	5.78	4.96	3.77	2.27	1.86	7.66	-7.42
MRBLD1FB87_COS			83.94	104.68	-46.66	129.73	-18.15	-14.67	-3.42	21.97	14.54	16.62	20.18	-3.26	-2.13	-0.86	2.09	-11.00
MRBLD1FB87_SIN			0.00	-316.58	111.48	49.66	85.24	-3.76	-3.11	-6.26	6.61	9.62	12.60	6.56	-0.57	0.62	10.03	-4.00
MRBLD1FB120_COS			-327.58	120.04	-130.24	102.07	-2.94	-10.25	-5.42	42.93	-5.07	-11.58	-14.16	-6.38	-3.67	-1.08	-2.94	16.72
MRBLD1FB120_SIN			0.00	-489.05	128.52	139.99	-11.52	30.96	11.53	-16.05	8.29	-6.72	-10.91	-8.98	-4.57	-5.29	-16.18	5.66
MRBLD1FB164_COS			258.63	61.12	-50.70	82.71	45.90	32.95	44.43	-54.51	-3.81	20.35	20.67	-1.47	-0.54	-0.82	-0.82	-8.97
MRBLD1FB164_SIN			0.00	-478.80	186.08	291.95	-117.22	-25.10	-39.86	19.78	-8.93	5.74	15.61	6.13	-1.87	-0.65	8.20	-2.78

RUN	POINT		Harmonics															
	54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			178.72	-72.04	10.50	12.78	45.19	24.97	19.71	-42.25	8.60	29.86	39.15	-20.74	-18.36	-8.74	-1.40	21.08
MRBLD1FB180_SIN			0.00	-300.37	132.75	167.61	-81.96	-6.63	-44.89	7.59	6.04	24.92	22.28	-0.88	-15.30	-12.58	-21.10	5.84
MRBLD1TOR51_COS			-1205.90	174.34	25.10	37.12	8.73	-24.68	-8.42	-41.49	2.16	4.22	5.47	-2.81	-0.99	-0.03	3.74	3.24
MRBLD1TOR51_SIN			0.00	112.97	139.02	63.50	30.36	21.48	-49.66	6.74	0.47	6.05	4.93	-3.31	-5.98	-5.14	-6.45	4.90
MRBLD1TOR71_COS			-76.44	173.83	-13.05	17.48	20.09	-8.48	1.81	-25.88	4.13	5.80	6.40	-6.05	-0.27	0.78	2.84	1.66
MRBLD1TOR71_SIN			0.00	88.84	118.52	22.81	-9.00	22.70	-40.50	10.00	6.22	8.01	9.21	-1.26	-4.62	-3.55	-2.34	3.13
MRBLD1TOR130_COS			180.80	155.64	-13.14	-14.63	28.25	1.19	4.46	-23.82	4.33	3.41	3.70	-1.63	0.46	0.04	-1.66	-2.25
MRBLD1TOR130_SIN			0.00	129.42	66.33	11.06	-38.63	17.27	-25.94	3.80	0.21	-0.46	-0.97	4.36	4.45	3.42	4.43	-1.03
MRBLD1TOR164_COS			-108.21	91.17	-6.04	-26.40	5.80	-3.99	0.84	-7.36	1.51	3.17	3.57	-3.30	0.19	0.88	0.83	-1.44
MRBLD1TOR164_SIN			0.00	142.23	14.75	-44.63	-5.48	7.00	-12.44	3.74	4.41	0.62	0.79	-0.35	0.52	0.40	0.65	1.03
MRFBM1CB26P5_COS			-877.83	-274.27	299.38	-10.28	-44.37	-8.52	19.24	-8.41	-1.42	-1.12	-3.41	2.02	0.94	0.10	2.82	-3.59
MRFBM1CB26P5_SIN			0.00	1499.89	110.04	-87.95	-31.75	-10.93	-28.58	-11.29	-5.54	-4.70	-13.44	0.71	1.26	-0.36	-1.19	0.21
MRFBM1FB9_COS			849.97	-811.39	-189.06	-140.14	41.73	22.08	10.75	13.24	0.85	1.52	-0.17	-1.04	0.27	0.07	-1.27	0.86
MRFBM1FB9_SIN			0.00	-353.08	-164.23	-177.55	-87.69	2.91	14.22	6.53	4.35	2.56	3.79	-0.35	-0.49	-0.24	0.32	-2.45
MRFBM1TOR26P5_COS			-105.13	71.95	2.79	0.23	-0.36	-0.44	0.01	-0.16	-0.11	0.07	-0.03	0.19	-0.06	-0.04	-0.01	0.09
MRFBM1TOR26P5_SIN			0.00	-263.42	3.73	1.01	-0.90	0.43	-1.64	-0.02	0.05	0.16	0.12	-0.13	-0.15	-0.10	-0.13	-0.08

RUN	POINT		Harmonics															
	54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			120.65	130.30	520.43	57.99	-107.29	-102.95	-37.73	-77.11	10.54	-14.47	-25.54	26.57	5.33	-1.07	6.85	-0.43
MRPC1CB33P25_SIN			0.00	2139.09	-143.64	18.97	169.94	-39.64	-26.63	-1.04	-20.47	2.00	-48.43	-6.23	13.25	15.17	-6.92	34.96
MRPC1FB33P25_COS			1930.55	5.20	-25.64	645.32	-137.21	-106.14	-58.68	-220.67	-37.95	-25.18	-21.96	33.63	10.65	6.62	32.68	5.16
MRPC1FB33P25_SIN			0.00	-236.29	246.94	434.20	605.44	26.15	-33.77	-71.47	-101.86	-91.03	-89.96	-4.01	16.97	7.22	-23.32	72.30
MRPC1TOR25P5_COS			-625.44	-93.51	-51.78	-0.53	-22.68	31.33	11.50	34.16	-0.30	-0.22	-3.03	5.08	4.11	1.37	-1.71	-6.38
MRPC1TOR25P5_SIN			0.00	-358.59	-146.37	-56.84	-7.03	-30.30	63.29	-8.12	-5.76	-12.49	-11.23	8.23	13.75	10.60	12.35	3.37
MRPLK1LOAD_COS			-36.48	-16.03	-6.80	-1.80	-4.71	5.60	0.42	5.23	1.30	-0.01	-0.10	-0.37	0.65	0.59	-0.23	-1.34
MRPLK1LOAD_SIN			0.00	-38.92	-20.66	-11.41	-1.37	-4.38	9.27	-1.05	-0.57	-1.40	-1.26	0.91	2.24	1.88	2.19	0.78
PITCHRH_COS			23412.88	-9303.11	-531.29	188.58	-46.50	32.50	-94.06	-141.27	-32.52	-55.77	123.15	-48.35	25.65	34.56	-31.10	-71.28
PITCHRH_SIN			0.00	1924.08	-1001.53	-25.65	9.71	1240.12	-83.43	72.82	70.52	-146.18	-241.67	50.97	-24.41	37.10	5.35	52.32
ROLLRH_COS			9573.85	-1803.56	1199.19	-197.85	-50.12	-3363.16	-177.64	38.34	93.51	208.67	162.57	-17.74	79.64	-72.35	19.29	224.36
ROLLRH_SIN			0.00	-9331.12	-388.48	204.11	205.34	836.78	-270.38	-126.68	-131.49	-2.83	-28.43	-53.71	-14.79	-7.62	-2.98	225.71
TORQ_COS			106805.30	475.32	-61.70	123.01	16.55	50.25	13.52	32.91	-8.08	4.12	29.37	-0.13	-1.18	-0.86	-4.67	10.48
TORQ_SIN			0.00	767.45	-31.90	172.16	-134.55	32.44	8.33	46.35	-14.49	-3.35	42.71	2.79	-6.26	6.27	-1.30	0.88
THRUST_COS			6335.46	-86.52	-15.13	41.66	2.70	42.57	5.26	19.88	-0.45	-1.72	22.14	-5.05	-5.31	3.68	-1.03	-23.88
THRUST_SIN			0.00	-173.48	4.34	0.55	29.09	-43.32	6.24	9.44	4.19	5.81	30.15	9.82	4.97	-1.64	2.22	-31.68

RUN	POINT		Harmonics															
	54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-116.28	67.07	-24.18	0.98	5.94	104.76	8.39	-2.18	-5.11	-8.42	-8.15	0.08	-2.97	2.17	-0.64	-5.88
SIDERH_SIN			0.00	236.29	6.41	2.17	-41.79	-188.81	9.10	1.85	4.26	0.80	-2.58	3.63	0.53	0.46	-0.14	-6.62
DRAGRH_COS			57.21	238.32	17.59	0.11	1.81	167.57	-6.65	-4.09	-1.21	1.59	-17.35	3.89	-1.20	-1.29	2.01	3.53
DRAGRH_SIN			0.00	-64.03	6.46	-2.11	11.67	263.39	0.57	7.04	-7.93	10.56	8.88	-2.96	3.25	-1.28	0.15	-4.66

RUN	POINT		Harmonics															
	54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			-2.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-27.73	-0.03	-5.82	-1.20	-1.91	-0.61	0.21	-0.07	0.20	0.02	0.20	0.14	0.10	-0.01	-0.03	-0.03
ACT1FORCE_SIN			0.00	13.57	-0.41	-1.93	2.17	-0.26	0.07	-0.13	0.31	0.23	-0.18	-0.15	0.06	0.14	0.06	-0.01
FA1IBCURRENT_COS			-0.01	-0.01	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			91.24	-11.43	51.58	15.51	14.67	5.96	-0.03	0.03	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-103.09	1.75	23.58	-22.53	2.40	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
FA1OBCURRENT_COS			0.02	0.01	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			715.25	11.73	-51.95	-15.72	-14.45	-6.07	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.01	0.00
FA1OBVOLTAGE_SIN			0.00	103.63	-1.46	-23.72	22.73	-2.31	0.00	-0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00
MRBLD1CB42P75_COS			-653.18	330.35	661.41	1.85	-221.77	-145.02	-42.99	-116.44	15.30	-20.98	-19.46	51.72	-2.64	-12.72	7.15	-14.37
MRBLD1CB42P75_SIN			0.00	3045.91	-138.32	26.83	271.59	-118.87	-32.46	29.53	-6.21	20.97	-49.07	-20.48	22.84	19.49	-9.10	42.23

RUN	POINT		Harmonics															
	54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4420.31	-31.54	576.10	-169.06	-155.58	-138.60	-121.13	-73.02	15.22	-20.85	7.98	35.65	-0.35	-1.30	2.95	0.26
MRBLD1CB70_SIN			0.00	2267.01	-147.45	116.70	440.65	-119.92	64.57	43.75	0.59	15.75	-9.22	-22.58	9.61	11.49	-11.79	52.32
MRBLD1CB120_COS			-224.84	-284.27	479.01	-88.44	-53.09	-90.32	-150.37	-15.64	8.54	9.94	0.84	-27.84	1.45	5.01	3.23	-5.26
MRBLD1CB120_SIN			0.00	1355.43	-83.30	109.14	538.34	-85.21	130.67	31.20	-52.52	-20.29	34.36	16.99	-2.03	-2.07	3.20	1.98
MRBLD1CB164_COS			-2043.70	-164.59	128.28	-5.65	-16.74	-61.83	-80.78	45.66	0.58	8.27	-17.83	-26.68	2.20	-4.39	-5.71	1.98
MRBLD1CB164_SIN			0.00	419.89	-14.67	80.09	211.86	-19.36	77.14	0.50	-38.31	-21.17	10.05	25.31	0.95	-1.78	10.22	-30.64
MRBLD1FB42P75_COS			2725.40	-118.12	47.24	785.88	14.80	-126.54	-46.68	-284.38	-97.02	-52.11	-108.83	28.79	19.02	3.27	13.17	48.44
MRBLD1FB42P75_SIN			0.00	-518.36	275.77	512.99	729.94	20.56	-56.42	143.14	-118.50	-71.70	-42.87	-39.73	16.79	5.36	-52.67	58.59
MRBLD1FB70_COS			674.49	92.58	-13.41	234.93	-16.36	-35.56	-10.82	-38.23	-4.87	2.31	2.57	0.62	-0.93	-0.02	-3.87	-9.11
MRBLD1FB70_SIN			0.00	-216.61	118.25	134.05	218.35	-14.04	-14.43	34.84	-5.45	5.00	6.43	4.22	2.18	1.87	9.90	-13.14
MRBLD1FB87_COS			88.01	97.56	-73.57	124.02	-21.81	-14.62	-5.26	25.97	15.30	11.50	26.61	-5.13	-3.10	0.33	-1.29	-9.58
MRBLD1FB87_SIN			0.00	-306.74	92.26	81.14	86.73	-7.57	-2.73	-14.29	15.30	12.71	10.62	12.34	-2.72	-0.63	13.34	-9.65
MRBLD1FB120_COS			-334.06	104.93	-164.78	75.75	-2.10	-15.02	-15.79	51.02	-1.87	-12.67	-14.79	-3.62	-2.30	-1.56	2.56	14.17
MRBLD1FB120_SIN			0.00	-492.15	100.58	179.79	-21.83	44.64	17.44	-40.97	14.61	-8.33	-14.25	-14.24	-5.14	-5.62	-20.73	14.53
MRBLD1FB164_COS			365.35	23.69	-107.01	57.62	24.46	32.13	65.05	-68.27	-12.36	24.43	25.46	-6.99	-1.34	2.10	-3.81	-8.66
MRBLD1FB164_SIN			0.00	-400.26	129.94	333.46	-95.33	-19.67	-41.33	57.84	-20.56	7.40	20.49	11.23	-5.25	-2.34	10.29	-6.28

RUN	POINT		Harmonics															
	54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			284.03	-102.49	-26.08	0.19	40.25	15.31	32.68	-44.03	4.29	18.17	51.05	-19.29	-16.20	-8.11	7.33	19.44
MRBLD1FB180_SIN			0.00	-230.91	102.80	176.82	-60.28	0.79	-58.35	34.01	8.31	33.29	17.52	2.35	-23.02	-15.81	-24.89	16.53
MRBLD1TOR51_COS			-1069.19	155.32	-14.65	36.35	4.49	-12.72	-2.37	-47.23	0.53	2.81	6.07	-2.15	0.94	1.14	7.24	1.31
MRBLD1TOR51_SIN			0.00	256.96	116.68	64.78	49.81	26.44	-67.59	14.85	-0.53	10.02	4.18	-4.83	-7.27	-5.04	-7.34	5.88
MRBLD1TOR71_COS			49.70	149.51	-53.21	21.04	19.90	1.89	5.60	-27.89	1.49	4.15	7.58	-6.64	1.67	1.56	3.88	0.84
MRBLD1TOR71_SIN			0.00	221.66	97.84	19.91	5.36	30.27	-54.84	14.72	7.72	12.37	8.23	-1.91	-6.16	-3.52	-2.07	3.55
MRBLD1TOR130_COS			308.38	133.65	-51.00	-9.43	29.57	9.68	7.82	-27.15	2.72	6.21	1.67	-1.77	-0.22	-1.62	-4.67	-1.23
MRBLD1TOR130_SIN			0.00	265.00	49.69	2.46	-28.40	25.01	-33.91	8.57	-1.02	4.24	-2.43	3.76	4.20	2.70	5.36	-1.63
MRBLD1TOR164_COS			-21.24	80.91	-29.73	-15.40	9.80	-1.48	5.29	-6.26	-2.17	3.88	6.22	-3.25	-0.25	0.76	0.22	-2.43
MRBLD1TOR164_SIN			0.00	237.68	13.20	-59.51	0.42	7.90	-17.65	6.00	5.19	1.72	0.30	0.18	-0.38	-0.28	2.74	1.28
MRFBM1CB26P5_COS			-821.72	-58.97	337.72	30.17	-47.73	-19.38	25.25	-10.17	-1.64	1.68	-6.51	3.15	0.62	-0.97	3.95	-3.79
MRFBM1CB26P5_SIN			0.00	1785.86	109.49	-113.25	-56.74	-21.69	-33.89	-11.36	-8.47	-4.07	-14.72	0.60	2.04	-0.59	-0.06	-0.68
MRFBM1FB9_COS			957.35	-1094.31	-160.93	-115.03	47.49	20.82	9.03	18.30	-0.49	0.63	0.31	-1.92	0.61	0.29	-1.63	2.15
MRFBM1FB9_SIN			0.00	-503.40	-136.19	-211.52	-91.50	7.91	16.07	4.93	6.35	2.83	4.48	-0.18	-0.60	0.04	-0.10	-2.12
MRFBM1TOR26P5_COS			-103.10	79.03	2.58	0.22	-0.72	0.05	0.04	-0.17	-0.03	-0.12	-0.02	0.19	-0.06	0.00	0.08	0.11
MRFBM1TOR26P5_SIN			0.00	-260.38	4.45	0.80	-0.57	0.45	-2.25	0.08	0.03	0.07	0.20	-0.12	-0.14	-0.07	-0.22	-0.06

RUN	POINT		Harmonics															
	54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			107.17	549.14	516.20	88.70	-156.37	-125.96	-32.04	-94.35	9.15	-7.45	-27.62	35.45	1.86	-7.60	10.94	-15.68
MRPC1CB33P25_SIN			0.00	2259.45	-202.53	-18.94	168.51	-66.84	-28.56	24.81	-32.94	-0.46	-44.71	-18.24	16.91	13.54	-10.48	38.17
MRPC1FB33P25_COS			1992.14	-104.04	-61.06	596.60	-144.76	-112.13	-17.86	-281.19	-17.78	5.06	-50.75	49.80	4.81	-1.54	52.84	-26.19
MRPC1FB33P25_SIN			0.00	-282.29	199.51	560.39	623.80	-21.12	-52.18	-14.23	-145.91	-85.36	-98.60	-10.39	26.16	5.18	-17.53	80.13
MRPC1TOR25P5_COS			-762.89	-58.81	-9.81	-1.64	-20.09	18.58	6.18	37.92	1.83	4.48	-5.24	4.02	0.77	-1.31	-7.66	-6.91
MRPC1TOR25P5_SIN			0.00	-502.93	-125.18	-55.50	-26.89	-37.23	84.99	-15.44	-5.75	-14.32	-10.60	9.53	14.65	9.03	16.09	2.70
MRPLK1LOAD_COS			-54.94	-11.49	-0.93	-1.61	-4.27	3.52	-0.38	5.91	1.41	0.88	-0.44	-0.46	0.32	-0.03	-1.53	-1.43
MRPLK1LOAD_SIN			0.00	-57.14	-17.93	-11.48	-4.22	-5.08	12.61	-2.15	-0.38	-1.45	-1.37	1.03	2.22	1.58	3.08	0.50
PITCHRH_COS			28893.45	-9423.86	-920.48	233.27	-11.80	-82.27	-144.70	-137.46	107.33	-51.50	280.58	-34.71	32.01	41.62	-53.89	-92.60
PITCHRH_SIN			0.00	1617.02	-1045.25	32.30	18.06	806.25	-169.14	17.06	159.01	-89.22	-226.65	49.68	-50.82	45.90	60.11	4.17
ROLLRH_COS			11644.82	-1431.81	1189.10	-324.87	45.51	-3371.65	31.95	7.73	-152.15	284.78	109.98	-20.86	101.41	-73.28	14.21	175.27
ROLLRH_SIN			0.00	-9438.95	-745.84	79.04	281.61	602.62	-217.49	-165.10	81.01	-24.86	-73.01	-43.13	-24.02	-64.25	61.45	324.56
TORQ_COS			108567.52	469.61	-89.16	47.42	46.24	102.16	12.06	26.87	-3.16	0.40	36.24	-1.96	0.59	-1.69	-2.43	11.51
TORQ_SIN			0.00	704.15	3.58	232.55	-119.84	100.02	9.57	51.85	-14.42	-0.75	46.94	6.31	-6.50	4.47	-2.54	5.45
THRUST_COS			6638.84	-82.84	-31.24	43.42	6.64	46.64	0.39	19.05	-4.89	2.81	27.74	-4.59	-7.25	2.22	-3.01	-7.29
THRUST_SIN			0.00	-178.46	2.59	24.52	27.37	-24.31	5.76	9.81	2.67	6.10	33.16	12.30	2.94	-1.74	7.79	-45.64

RUN	POINT		Harmonics															
	54	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-113.36	60.49	-18.91	-4.73	-24.53	91.15	2.13	0.29	2.06	-11.91	-4.90	-0.18	-3.78	2.03	-0.54	-4.19
SIDERH_SIN			0.00	239.02	11.20	0.39	-43.05	-199.61	9.48	1.41	-1.87	2.04	-0.25	3.26	0.92	1.92	-2.06	-9.10
DRAGRH_COS			150.06	239.15	18.57	4.65	7.23	250.67	-13.44	-5.54	-5.83	-1.63	-25.42	3.58	0.07	-1.85	2.37	5.83
DRAGRH_SIN			0.00	-57.83	0.36	-3.75	17.15	324.44	8.01	4.00	-6.00	8.38	5.06	-1.61	3.54	-2.31	-1.13	-3.36

RUN	POINT		Harmonics															
	54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.02	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.99	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-15.52	-7.31	-11.30	0.05	-0.96	-0.29	0.13	-0.30	-0.37	0.00	0.09	0.13	-0.05	0.01	-0.04	-0.13
ACT1FORCE_SIN			0.00	22.10	-1.15	-1.24	1.71	-0.24	0.18	0.61	0.19	0.14	-0.29	-0.07	0.07	0.05	0.12	-0.11
FA1IBCURRENT_COS			-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			389.66	94.22	95.28	-0.34	6.38	5.81	-0.08	-0.01	-0.01	-0.04	0.03	-0.02	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_SIN			0.00	58.64	1.00	17.56	-9.25	1.44	-0.02	-0.01	-0.01	0.01	0.00	0.01	0.00	-0.01	-0.02	-0.01
FA1OBCURRENT_COS			0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			416.08	-94.42	-95.41	0.39	-6.36	-5.80	0.07	0.01	0.01	0.03	-0.03	0.02	0.00	-0.01	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	-58.75	-0.97	-17.66	9.23	-1.44	0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.02	0.01
MRBLD1CB42P75_COS			-757.70	-2445.08	466.90	-107.17	-72.42	-72.49	-66.62	21.02	15.09	-29.65	-11.18	6.85	-4.75	-4.42	-6.62	2.10
MRBLD1CB42P75_SIN			0.00	1205.06	29.86	115.94	211.69	-70.94	1.07	-92.03	26.33	28.40	-91.84	22.30	16.30	7.09	2.25	23.64

RUN	POINT		Harmonics															
	54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4417.16	-1756.98	307.81	-145.75	25.89	-127.04	-43.88	-1.03	11.55	-15.65	-33.41	5.36	-0.11	-1.38	-6.96	13.97
MRBLD1CB70_SIN			0.00	879.96	-81.38	154.08	304.47	-97.24	57.63	-51.80	18.68	30.79	-35.41	11.15	11.75	3.63	1.87	27.08
MRBLD1CB120_COS			-314.80	-935.78	233.59	-17.06	90.97	-129.04	-13.85	-10.62	-3.84	11.80	8.19	-8.65	3.39	4.19	3.94	-1.18
MRBLD1CB120_SIN			0.00	659.86	-109.98	119.91	338.51	-61.16	72.44	-47.02	-29.95	-31.85	49.14	-5.16	-1.63	-0.01	-1.16	2.49
MRBLD1CB164_COS			-1977.23	-289.06	42.73	45.06	25.75	-69.34	-4.36	-9.69	-11.35	13.34	29.01	-6.59	1.02	0.69	2.10	-9.40
MRBLD1CB164_SIN			0.00	262.42	-38.89	61.24	147.48	-28.00	28.15	3.91	-38.75	-41.66	35.12	0.18	-1.83	-0.40	3.50	-18.05
MRBLD1FB42P75_COS			2443.43	586.20	198.60	754.21	-11.04	-57.69	-119.63	-123.12	-72.32	-105.71	-19.05	10.55	-6.43	1.18	-3.61	38.53
MRBLD1FB42P75_SIN			0.00	-268.53	390.85	289.13	344.15	230.14	45.35	-274.14	10.25	-38.26	-143.86	23.10	4.81	-2.97	-12.50	15.80
MRBLD1FB70_COS			605.25	103.80	70.78	216.08	-7.99	-16.46	-21.07	-10.79	0.47	-1.47	-0.63	1.68	1.44	0.49	0.89	-6.83
MRBLD1FB70_SIN			0.00	-262.53	165.61	63.68	96.43	42.65	9.93	-44.98	7.41	6.76	2.75	1.34	1.44	1.25	2.51	-4.10
MRBLD1FB87_COS			80.67	125.46	0.48	109.57	-13.99	-13.14	-0.65	9.29	12.23	21.13	6.77	-1.50	2.86	0.27	1.08	-8.33
MRBLD1FB87_SIN			0.00	-306.81	121.43	33.48	37.67	10.01	-2.82	22.61	-3.31	8.15	34.64	-4.59	0.75	2.96	4.98	-0.28
MRBLD1FB120_COS			-282.18	156.47	-90.17	98.66	-13.40	-22.48	4.48	9.91	-8.91	-6.64	-6.89	-6.17	-5.55	-1.14	-1.72	13.29
MRBLD1FB120_SIN			0.00	-412.62	133.08	96.97	26.15	-1.06	-4.56	70.18	-7.57	-10.31	-15.71	-1.64	-5.61	-7.39	-8.82	0.21
MRBLD1FB164_COS			13.09	150.31	65.52	84.18	66.70	55.85	27.96	0.46	7.27	8.10	4.78	4.08	3.51	-3.22	-2.15	-7.19
MRBLD1FB164_SIN			0.00	-632.03	227.34	201.37	-22.29	-47.80	-14.32	-98.33	11.99	17.30	24.03	-2.74	4.23	3.72	2.74	-0.83

RUN	POINT		Harmonics															
	54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-70.69	-2.34	94.53	16.12	49.57	57.44	17.99	-11.55	7.16	30.86	11.17	-14.56	-12.79	-7.04	-2.05	15.51
MRBLD1FB180_SIN			0.00	-470.73	151.99	121.16	-36.36	-25.18	1.88	-85.81	3.54	22.32	70.43	-13.84	-12.90	-12.17	-12.36	0.05
MRBLD1TOR51_COS			-1555.09	172.69	149.25	20.64	-0.09	-14.18	9.51	-19.85	-9.06	3.05	-3.66	-3.05	-2.27	0.68	2.37	1.66
MRBLD1TOR51_SIN			0.00	-302.60	171.98	92.25	2.37	5.84	-20.65	-46.33	2.97	0.53	12.05	-2.75	-5.68	-6.27	-2.08	3.77
MRBLD1TOR71_COS			-393.97	203.41	113.36	5.12	7.42	-2.15	18.00	-19.10	-4.61	6.59	-4.49	-3.38	-0.20	1.50	2.19	1.00
MRBLD1TOR71_SIN			0.00	-283.76	145.80	55.48	-19.14	3.29	-17.76	-28.54	3.72	2.92	17.34	-3.63	-3.92	-4.07	-0.69	2.45
MRBLD1TOR130_COS			-141.44	177.38	116.09	-19.72	12.83	3.91	15.42	-12.01	-1.57	1.75	6.84	-2.66	0.94	0.21	-1.45	-1.72
MRBLD1TOR130_SIN			0.00	-256.86	90.37	44.49	-27.89	-2.83	-14.17	-30.86	3.32	-3.58	0.97	3.60	3.40	3.04	1.92	-0.83
MRBLD1TOR164_COS			-322.84	91.11	75.60	-31.18	0.47	-4.42	0.62	-10.27	2.93	4.06	-1.25	-1.91	2.08	0.11	-0.79	0.61
MRBLD1TOR164_SIN			0.00	-141.28	20.90	-8.26	-15.90	6.59	-6.18	-12.70	0.80	1.76	4.10	-2.29	1.06	1.77	-1.50	-0.15
MRFBM1CB26P5_COS			-947.11	-1431.69	235.04	-59.02	-44.40	15.50	-4.00	8.06	0.60	-3.12	10.92	0.48	-0.70	-0.09	1.56	-2.09
MRFBM1CB26P5_SIN			0.00	370.15	107.17	-32.98	-17.90	-7.94	-19.47	-14.36	1.24	-5.10	-15.58	2.00	-0.79	-0.30	-1.20	0.22
MRFBM1FB9_COS			515.14	329.00	-248.75	-134.65	21.41	27.23	12.12	-4.90	2.80	2.48	-2.81	0.82	0.52	0.08	-0.30	0.50
MRFBM1FB9_SIN			0.00	-35.59	-208.09	-155.69	-47.10	-11.99	5.38	15.66	1.96	3.05	3.60	-0.30	0.31	0.16	0.33	-1.57
MRFBM1TOR26P5_COS			-106.86	76.42	4.50	-0.49	-0.08	-0.31	0.28	0.12	-0.22	-0.03	-0.12	0.15	-0.09	-0.04	0.03	0.04
MRFBM1TOR26P5_SIN			0.00	-266.88	2.48	0.63	-0.48	-0.11	-0.49	-0.09	0.10	0.10	0.08	-0.02	-0.12	-0.11	-0.04	-0.03

RUN	POINT		Harmonics															
	54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			41.29	-1889.01	385.52	-65.01	-77.71	-39.70	-69.20	10.57	17.29	-19.58	0.65	6.77	-2.16	-2.17	-1.74	0.88
MRPC1CB33P25_SIN			0.00	1171.24	10.27	70.54	143.72	-35.44	-12.98	-85.91	7.79	1.05	-76.89	16.65	10.75	5.72	-0.14	22.03
MRPC1FB33P25_COS			1776.51	484.14	31.80	598.02	-72.30	-111.92	-115.10	10.01	-53.83	-54.64	72.88	-2.99	-5.00	3.24	8.58	7.40
MRPC1FB33P25_SIN			0.00	-17.88	327.87	366.50	293.44	167.10	-1.37	-279.55	-33.59	-86.66	-120.60	24.55	-0.33	1.00	-8.19	47.11
MRPC1TOR25P5_COS			-263.30	-119.42	-183.12	15.08	-5.49	18.38	-12.33	21.42	12.05	0.65	12.39	3.65	5.00	0.03	-3.17	-2.55
MRPC1TOR25P5_SIN			0.00	57.63	-176.19	-88.64	13.81	-5.91	28.16	39.44	-5.50	-5.38	-19.97	8.08	12.77	11.27	4.85	1.53
MRPLK1LOAD_COS			11.16	-19.72	-24.05	0.33	-2.31	3.72	-2.75	2.97	2.85	0.42	1.80	-0.34	1.11	0.44	-0.62	-0.67
MRPLK1LOAD_SIN			0.00	13.38	-24.25	-15.47	1.28	-0.84	3.76	5.62	-0.68	-0.61	-2.08	0.44	2.00	1.96	0.61	0.30
PITCHRH_COS			2843.83	-9237.66	402.75	115.44	-41.71	-348.41	166.04	-134.01	16.59	-76.66	-13.06	7.67	44.13	29.97	-14.40	-150.45
PITCHRH_SIN			0.00	1906.62	-1122.88	-147.55	-81.52	863.53	-5.68	119.84	194.37	-104.16	-210.77	27.56	-23.69	10.44	4.48	132.95
ROLLRH_COS			3013.36	-2037.53	1222.23	47.20	-108.25	-1941.88	-81.50	12.81	-317.05	110.86	195.36	23.86	47.73	-28.26	40.18	67.33
ROLLRH_SIN			0.00	-9266.74	491.85	139.96	102.67	1116.54	-19.45	-87.88	-52.19	-77.95	-29.60	11.39	2.86	16.25	-25.02	162.98
TORQ_COS			103426.29	384.99	29.35	213.77	25.96	-73.89	6.78	-31.38	-8.97	-0.25	-19.57	-4.26	3.50	-0.25	-5.15	5.56
TORQ_SIN			0.00	1084.96	-91.03	85.57	-110.40	54.67	10.15	63.18	-9.84	-4.78	68.58	2.26	-5.20	4.72	-1.42	-1.44
THRUST_COS			5423.01	-124.65	23.00	33.42	-5.37	49.98	1.77	7.29	3.80	-1.78	-13.62	-7.12	2.19	0.25	0.44	-16.63
THRUST_SIN			0.00	-175.18	-6.91	-23.67	21.19	-95.30	9.63	23.89	1.04	1.41	60.38	-0.58	-0.14	-1.71	1.31	-20.57

RUN	POINT		Harmonics															
	54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-131.93	66.86	-33.90	6.61	26.68	22.22	9.53	0.08	5.35	-3.87	-6.82	-0.67	-2.07	0.90	-1.12	-1.93
SIDERH_SIN			0.00	229.75	-21.74	-2.64	-26.97	-130.83	-7.05	0.45	0.55	3.30	-4.19	0.95	-0.05	-0.26	0.50	-4.80
DRAGRH_COS			-172.18	237.49	15.26	-2.71	1.93	81.34	-35.16	-5.84	-6.22	3.42	-4.39	0.77	-2.91	-0.18	1.02	7.09
DRAGRH_SIN			0.00	-54.78	27.68	-0.91	3.16	50.48	1.79	-2.00	-7.44	9.33	8.88	-1.19	4.20	-0.15	0.16	-7.74

RUN	POINT		Harmonics															
	54	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	1.99	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.01	-0.01	0.00	0.00	0.00	0.00	0.01
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-14.22	-8.92	-12.20	0.89	-0.73	-0.76	0.33	-0.17	-0.36	0.19	0.01	0.09	-0.03	0.06	-0.06	-0.06
ACT1FORCE_SIN			0.00	24.20	-1.86	-1.30	1.92	-0.34	-0.08	1.12	0.00	0.15	-0.38	-0.17	0.08	0.13	0.03	0.06
FA1IBCURRENT_COS			-0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			370.67	142.42	94.66	-3.82	1.54	7.72	0.04	-0.10	0.07	-0.02	0.03	-0.01	0.01	-0.01	0.00	-0.02
FA1IBVOLTAGE_SIN			0.00	209.72	6.73	16.63	-11.26	-0.86	-0.06	-0.02	0.01	0.02	-0.02	0.00	-0.02	0.00	-0.03	0.00
FA1OBCURRENT_COS			0.02	-0.03	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			435.11	-142.88	-94.68	4.02	-1.52	-7.72	-0.01	0.10	-0.06	0.02	-0.03	0.02	-0.01	0.01	0.00	0.03
FA1OBVOLTAGE_SIN			0.00	-210.13	-6.49	-16.72	11.28	0.85	0.04	-0.01	0.00	-0.02	0.02	0.00	0.03	0.01	0.03	0.00
MRBLD1CB42P75_COS			-844.66	-2907.83	422.86	-116.80	-49.97	-45.97	-82.51	53.29	14.48	-29.17	-8.50	-17.37	-6.55	1.10	-11.29	6.85
MRBLD1CB42P75_SIN			0.00	779.03	16.09	125.96	199.36	-52.15	11.85	-129.38	37.31	23.36	-99.55	36.94	11.47	6.69	8.70	15.12

RUN	POINT		Harmonics															
	54	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4383.18	-2052.85	242.53	-120.49	54.96	-97.17	-40.32	9.68	8.75	-14.21	-46.16	-11.06	-1.81	0.94	-10.60	16.94
MRBLD1CB70_SIN			0.00	561.12	-96.96	144.56	282.11	-84.32	58.07	-87.66	23.88	28.08	-40.63	24.67	10.66	2.99	7.10	18.35
MRBLD1CB120_COS			-331.43	-1050.74	170.29	19.59	112.48	-109.67	5.48	-30.95	-10.89	10.60	10.92	1.86	2.42	3.25	3.30	-0.65
MRBLD1CB120_SIN			0.00	500.20	-128.08	103.03	313.92	-53.42	65.85	-80.20	-33.90	-31.29	51.13	-11.39	-0.23	0.27	-1.55	2.50
MRBLD1CB164_COS			-1968.55	-311.54	23.01	65.35	31.80	-63.88	11.60	-29.71	-14.70	13.76	42.48	4.52	0.56	0.58	5.14	-12.51
MRBLD1CB164_SIN			0.00	229.01	-50.06	48.62	140.22	-30.03	20.93	2.07	-44.65	-40.63	40.22	-8.67	-1.76	-0.97	0.62	-12.08
MRBLD1FB42P75_COS			2395.43	709.96	258.61	735.36	-23.95	-40.59	-150.57	-136.72	-70.20	-110.08	17.26	1.20	-10.36	11.70	1.23	32.00
MRBLD1FB42P75_SIN			0.00	-201.46	435.18	206.97	295.46	260.57	76.11	-401.27	22.21	-45.60	-180.14	34.65	-1.85	-6.63	2.20	0.67
MRBLD1FB70_COS			588.87	106.62	92.52	213.78	-7.87	-9.51	-27.55	-13.33	0.41	-2.63	-2.22	1.69	1.27	-1.55	0.33	-5.46
MRBLD1FB70_SIN			0.00	-265.22	177.99	34.90	81.78	51.54	18.53	-67.65	10.02	6.52	2.28	1.23	2.11	1.16	-0.26	-0.55
MRBLD1FB87_COS			78.49	132.82	16.27	110.50	-12.94	-12.10	0.88	9.08	11.97	21.98	-1.38	1.43	3.64	-2.09	0.13	-6.68
MRBLD1FB87_SIN			0.00	-298.79	128.65	14.22	32.26	11.33	-3.07	33.27	-5.78	9.82	42.05	-8.80	2.16	3.66	1.30	2.23
MRBLD1FB120_COS			-275.25	166.96	-74.35	105.20	-11.06	-28.37	14.53	11.98	-7.99	-4.57	-2.38	-7.24	-5.09	1.80	-0.23	10.36
MRBLD1FB120_SIN			0.00	-386.94	144.04	62.85	31.73	-12.29	-13.79	99.93	-11.83	-10.53	-16.60	0.63	-6.97	-7.51	-3.30	-3.32
MRBLD1FB164_COS			-43.16	168.80	129.65	79.35	75.85	58.75	20.87	-1.41	7.31	3.78	-2.41	8.42	5.24	-5.99	-3.74	-5.17
MRBLD1FB164_SIN			0.00	-696.34	261.35	158.72	-18.19	-49.79	-1.60	-140.70	18.06	19.45	25.18	-7.17	6.04	5.41	-0.85	-0.40

RUN	POINT		Harmonics															
	54	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-123.50	11.80	143.01	10.99	50.55	68.80	13.86	-20.73	5.16	33.64	-3.44	-7.60	-10.59	-3.09	0.48	12.75
MRBLD1FB180_SIN			0.00	-542.87	171.23	102.91	-39.39	-26.18	23.46	-122.06	0.11	21.96	84.31	-19.92	-11.73	-10.82	-6.40	-3.05
MRBLD1TOR51_COS			-1626.75	175.67	218.97	3.79	-3.05	-15.07	5.19	-14.10	-17.53	6.44	-7.67	-1.67	-2.43	1.93	2.14	1.72
MRBLD1TOR51_SIN			0.00	-456.40	199.88	99.94	-9.75	4.75	-23.40	-60.40	2.56	-1.85	12.61	-2.15	-5.56	-5.99	-0.19	4.89
MRBLD1TOR71_COS			-458.34	212.87	181.17	-10.78	3.61	-4.30	15.30	-15.96	-12.73	9.35	-8.85	-1.24	-0.97	2.21	2.49	0.67
MRBLD1TOR71_SIN			0.00	-423.42	170.86	66.51	-27.26	0.92	-22.09	-35.64	2.75	1.06	17.68	-2.52	-3.53	-3.94	0.51	3.31
MRBLD1TOR130_COS			-206.27	185.11	184.19	-33.63	7.62	1.61	12.49	-7.49	-8.42	2.47	9.66	-3.83	-0.16	0.72	-0.44	-1.65
MRBLD1TOR130_SIN			0.00	-401.98	111.99	59.49	-32.06	-5.38	-18.88	-38.70	5.27	-5.65	0.08	6.07	2.66	2.38	1.34	-1.50
MRBLD1TOR164_COS			-362.23	93.20	117.20	-40.02	-4.05	-4.59	-2.94	-9.15	1.88	3.93	-1.85	-1.18	2.03	-0.13	-1.53	1.64
MRBLD1TOR164_SIN			0.00	-248.49	29.47	9.60	-20.19	7.32	-8.19	-16.95	1.29	1.90	3.73	-0.87	1.44	2.30	-1.78	-2.61
MRFBM1CB26P5_COS			-1015.27	-1713.28	226.73	-88.80	-40.46	17.60	-9.52	14.65	1.00	-2.74	16.69	-0.26	-0.47	0.50	1.12	-1.64
MRFBM1CB26P5_SIN			0.00	59.05	99.79	-7.52	-11.94	-4.95	-17.74	-12.38	2.77	-5.66	-15.36	1.16	-1.42	0.18	-0.54	0.13
MRFBM1FB9_COS			394.56	632.34	-276.71	-138.96	18.39	27.14	15.07	-9.43	3.18	2.25	-4.12	1.44	0.16	-0.07	0.16	-0.04
MRFBM1FB9_SIN			0.00	39.49	-237.59	-133.18	-40.60	-14.58	3.98	21.80	1.76	3.46	3.23	0.11	0.72	-0.09	0.13	-1.20
MRFBM1TOR26P5_COS			-107.13	77.35	5.67	-0.89	0.36	-0.33	0.17	0.03	-0.13	-0.03	-0.29	0.17	-0.05	-0.06	0.00	0.02
MRFBM1TOR26P5_SIN			0.00	-269.10	3.08	0.68	-0.70	-0.23	-0.11	-0.24	0.00	0.14	0.18	-0.16	-0.10	-0.10	-0.04	0.03

RUN	POINT		Harmonics															
	54	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-29.98	-2254.73	349.27	-82.19	-68.57	-20.55	-83.64	32.05	21.29	-20.26	11.51	-8.18	-4.27	2.91	-6.07	5.41
MRPC1CB33P25_SIN			0.00	895.52	-3.17	82.38	137.70	-24.93	-1.24	-117.83	16.99	-2.68	-83.02	27.53	6.84	5.38	6.06	14.46
MRPC1FB33P25_COS			1739.11	583.00	67.68	596.16	-71.29	-106.03	-150.72	50.68	-56.86	-54.38	119.90	-18.28	-2.96	12.83	-1.26	17.40
MRPC1FB33P25_SIN			0.00	49.17	371.37	293.40	250.26	196.36	12.87	-385.69	-22.12	-94.65	-125.69	27.09	-7.70	6.85	4.11	30.84
MRPC1TOR25P5_COS			-189.86	-128.81	-256.97	33.88	-1.39	19.35	-9.42	18.68	20.25	-3.37	20.67	-0.02	4.24	-0.20	-3.09	-1.70
MRPC1TOR25P5_SIN			0.00	213.60	-204.68	-99.06	25.49	-2.64	29.60	50.65	-2.92	-3.29	-22.45	10.67	11.43	11.30	3.70	-2.95
MRPLK1LOAD_COS			20.99	-21.35	-33.63	3.06	-1.94	3.81	-2.16	2.86	3.60	-0.19	3.27	-0.83	0.77	0.48	-0.41	-0.50
MRPLK1LOAD_SIN			0.00	33.28	-27.90	-16.68	2.82	-0.42	3.50	7.58	-0.18	-0.42	-2.62	1.34	1.77	1.85	0.39	-0.52
PITCHRH_COS			-2347.61	-9205.89	620.35	113.46	-80.54	-284.50	27.65	-159.66	-102.51	-63.56	-140.16	36.70	64.79	34.55	-18.49	-130.81
PITCHRH_SIN			0.00	1841.28	-1216.22	-215.64	-139.11	832.83	-21.70	34.88	183.54	-39.39	-218.08	6.53	7.28	-0.12	5.98	149.10
ROLLRH_COS			1416.31	-1995.60	1243.64	139.03	-104.60	-1651.28	-4.60	8.83	-161.20	118.24	158.14	17.06	71.28	1.18	2.21	-57.06
ROLLRH_SIN			0.00	-9273.09	722.32	160.93	68.29	1255.88	-90.30	-36.03	-96.51	-77.26	36.45	21.95	48.04	4.82	-31.14	92.77
TORQ_COS			101326.38	299.50	64.42	286.54	9.86	-110.18	4.26	-66.26	-7.69	-1.91	-40.39	-5.68	4.47	-2.32	-5.44	4.77
TORQ_SIN			0.00	1110.45	-77.23	42.13	-112.71	40.91	8.66	38.00	-15.72	-7.47	71.12	1.70	-4.74	3.90	-3.17	-3.24
THRUST_COS			5105.93	-104.24	29.19	36.41	-5.21	41.22	0.41	-0.66	0.54	-5.21	-26.60	-9.18	-1.22	1.41	-0.98	-18.22
THRUST_SIN			0.00	-178.33	-9.34	-38.28	20.66	-109.16	8.76	27.29	0.85	-0.71	61.08	2.95	-2.05	-0.61	-0.02	-14.81

RUN	POINT		Harmonics															
	54	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-133.93	59.69	-33.01	5.47	38.39	1.04	5.26	2.62	2.59	-3.83	-5.31	-0.50	-2.54	0.02	-0.07	2.02
SIDERH_SIN			0.00	234.58	-30.22	2.36	-30.40	-132.80	-5.42	-0.28	2.75	3.42	-6.03	-0.18	-1.56	0.06	0.62	-3.09
DRAGRH_COS			-216.01	240.06	14.85	-5.14	-0.05	43.14	-22.86	-5.24	-3.12	1.69	2.77	-1.10	-4.35	-1.26	1.67	6.87
DRAGRH_SIN			0.00	-50.99	34.74	-1.61	1.19	17.38	13.30	-6.47	-10.14	7.48	8.59	-0.89	3.30	0.59	1.23	-9.60

RUN	POINT		Harmonics															
	54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.07	0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	2.98	0.00	0.00	0.00	0.00	0.00	0.05	-0.02	0.02	-0.01	0.00	0.00	0.01	0.00	0.01
ACT1DISP_COS			2.65	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.33	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-12.16	-9.64	-14.61	1.32	0.11	-1.09	0.19	-0.45	-0.47	0.29	-0.02	-0.04	0.04	0.03	-0.06	-0.16
ACT1FORCE_SIN			0.00	26.35	-2.06	-2.03	2.24	0.24	-0.47	1.58	-0.37	0.23	-0.32	-0.15	0.06	0.25	-0.03	0.16
FA1IBCURRENT_COS			-0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.01	-0.03	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			352.66	194.99	109.72	-1.31	-5.53	11.51	0.00	-0.17	0.05	-0.04	0.05	0.01	0.04	-0.01	0.00	-0.07
FA1IBVOLTAGE_SIN			0.00	310.76	2.52	19.12	-10.76	-5.54	-0.01	-0.10	-0.01	0.00	-0.04	-0.04	-0.03	0.01	0.02	-0.02
FA1OBCURRENT_COS			0.02	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.02	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			453.32	-195.91	-109.78	1.86	5.56	-11.58	0.10	0.17	-0.05	0.03	-0.05	-0.01	-0.03	0.01	0.00	0.07
FA1OBVOLTAGE_SIN			0.00	-311.62	-1.80	-19.14	10.68	5.58	-0.01	0.03	0.01	0.00	0.04	0.03	0.03	-0.01	-0.02	0.02
MRBLD1CB42P75_COS			-903.92	-3395.93	408.94	-102.57	-15.99	-17.33	-90.82	88.85	17.17	-29.70	-11.85	-25.13	-11.28	6.02	-12.71	11.19
MRBLD1CB42P75_SIN			0.00	420.38	-16.58	122.71	185.96	-56.87	26.44	-149.06	60.91	24.17	-116.86	48.73	13.97	2.34	13.07	18.09

RUN	POINT		Harmonics															
	54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4384.32	-2380.29	186.58	-77.43	84.62	-94.12	-26.12	46.41	10.31	-11.57	-55.13	-16.39	-4.72	4.45	-11.28	22.99
MRBLD1CB70_SIN			0.00	279.81	-118.15	113.25	244.48	-101.07	76.81	-115.92	40.22	28.24	-42.14	32.84	13.83	-0.78	12.06	19.91
MRBLD1CB120_COS			-320.71	-1179.01	104.47	65.49	141.51	-136.76	35.97	-0.41	-13.20	9.31	17.02	5.50	4.27	2.61	3.70	-0.18
MRBLD1CB120_SIN			0.00	357.58	-143.13	45.97	277.62	-76.45	83.80	-114.96	-46.96	-33.38	56.87	-16.27	-2.65	-0.41	-0.90	2.66
MRBLD1CB164_COS			-1953.45	-336.93	-3.19	84.58	42.93	-83.15	28.51	-30.80	-13.78	12.90	56.81	8.11	3.18	-1.71	7.62	-15.68
MRBLD1CB164_SIN			0.00	196.00	-58.32	12.85	130.65	-41.21	23.42	-2.59	-60.43	-41.77	40.00	-13.83	-3.94	-0.34	-3.08	-12.27
MRBLD1FB42P75_COS			2322.89	849.38	360.81	692.31	21.18	-3.51	-155.25	-81.56	-73.79	-118.53	16.38	-0.85	-17.20	9.61	4.94	34.69
MRBLD1FB42P75_SIN			0.00	-153.49	461.80	28.60	281.27	279.38	102.72	-520.08	41.48	-29.47	-228.19	44.54	-4.08	-11.07	7.54	-2.12
MRBLD1FB70_COS			564.25	106.07	128.20	203.62	6.31	-0.83	-28.35	-3.28	1.00	-2.48	-2.45	2.40	2.61	-0.67	-0.24	-6.01
MRBLD1FB70_SIN			0.00	-272.02	181.04	-26.49	78.10	55.09	25.48	-89.92	12.63	7.29	1.98	0.89	2.22	2.26	-1.28	0.05
MRBLD1FB87_COS			69.58	133.91	36.78	105.52	-6.99	-10.79	0.43	3.01	11.62	23.22	-1.28	1.54	5.39	-1.82	-1.07	-7.66
MRBLD1FB87_SIN			0.00	-293.25	130.08	-23.64	32.55	14.08	-1.87	43.75	-8.84	7.43	53.25	-11.49	2.76	5.81	0.54	3.15
MRBLD1FB120_COS			-270.90	170.24	-57.37	105.39	-9.94	-34.25	17.72	-1.70	-8.03	-3.93	-2.10	-7.33	-7.60	1.03	1.36	11.64
MRBLD1FB120_SIN			0.00	-361.32	149.48	13.21	33.56	-12.82	-21.17	132.40	-14.47	-11.36	-18.98	2.35	-8.01	-10.08	-2.10	-5.36
MRBLD1FB164_COS			-106.45	177.30	219.77	72.56	67.06	53.74	13.04	17.75	8.00	0.81	-4.44	9.27	8.10	-6.09	-5.66	-6.44
MRBLD1FB164_SIN			0.00	-767.08	277.12	112.42	-39.23	-54.33	-1.36	-186.54	22.79	21.93	30.43	-9.99	7.50	9.19	-1.15	-0.48

RUN	POINT		Harmonics															
	54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-179.70	19.07	207.41	6.50	43.08	72.13	12.46	-7.68	2.92	33.75	-3.50	-8.90	-11.66	-4.79	2.04	14.50
MRBLD1FB180_SIN			0.00	-615.73	177.34	84.14	-55.58	-35.03	33.90	-160.81	-0.63	17.89	105.79	-22.11	-12.33	-12.91	-6.39	-4.73
MRBLD1TOR51_COS			-1703.00	169.13	305.26	-11.08	-10.64	-10.74	0.85	2.06	-24.83	7.86	-8.99	-3.06	-3.39	1.39	2.51	1.66
MRBLD1TOR51_SIN			0.00	-617.23	220.49	102.61	-20.87	4.20	-12.03	-73.05	1.03	-3.28	17.37	0.00	-6.04	-5.80	-0.94	6.71
MRBLD1TOR71_COS			-526.88	214.11	262.43	-25.21	-6.22	-1.40	11.58	-5.98	-18.16	11.08	-10.40	-1.50	-1.59	1.93	3.68	1.07
MRBLD1TOR71_SIN			0.00	-571.05	189.42	76.56	-36.45	-0.62	-13.85	-43.74	0.06	-0.66	23.18	-0.98	-3.78	-4.46	-0.02	4.48
MRBLD1TOR130_COS			-273.94	185.44	262.82	-44.85	-4.00	4.02	8.58	2.63	-12.30	1.68	12.33	-3.44	-0.47	1.20	0.48	-1.20
MRBLD1TOR130_SIN			0.00	-554.55	127.13	78.84	-39.58	-7.48	-13.28	-47.25	6.10	-6.20	-0.66	8.21	3.39	1.51	2.31	-1.73
MRBLD1TOR164_COS			-402.86	90.24	161.55	-46.79	-11.96	-0.84	-6.65	-6.69	1.88	3.54	-3.08	0.35	2.48	0.34	-1.82	2.67
MRBLD1TOR164_SIN			0.00	-360.56	35.24	32.74	-22.57	7.47	-3.07	-20.98	1.99	2.32	4.71	-0.96	2.17	1.52	-0.40	-4.07
MRFBM1CB26P5_COS			-1071.83	-2059.95	242.58	-115.70	-30.73	29.59	-16.14	14.77	-0.25	-3.48	19.91	-0.93	-0.46	0.57	0.90	-1.76
MRFBM1CB26P5_SIN			0.00	-248.77	83.01	32.14	-5.46	1.03	-19.34	-8.34	5.82	-5.99	-19.25	1.61	-2.21	0.20	-0.35	0.19
MRFBM1FB9_COS			259.42	983.77	-334.89	-144.43	10.24	26.15	17.52	-16.51	4.29	2.68	-5.44	2.01	0.13	-0.17	0.38	-0.16
MRFBM1FB9_SIN			0.00	103.21	-256.48	-85.77	-41.51	-17.67	1.54	24.33	1.12	3.49	3.72	0.10	0.91	-0.11	-0.03	-1.20
MRFBM1TOR26P5_COS			-106.85	72.85	7.10	-1.32	0.52	-0.46	0.27	0.03	-0.14	0.01	-0.36	0.13	-0.05	-0.08	-0.03	-0.01
MRFBM1TOR26P5_SIN			0.00	-272.39	3.70	0.59	-0.87	-0.18	0.09	-0.28	-0.10	0.15	0.24	-0.23	-0.13	-0.05	-0.10	0.04

RUN	POINT		Harmonics															
	54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			-86.94	-2598.82	340.46	-74.40	-40.49	3.61	-92.32	52.50	27.92	-23.80	9.44	-11.20	-8.68	6.28	-8.29	9.07
MRPC1CB33P25_SIN			0.00	697.86	-35.63	87.16	139.56	-31.07	10.30	-130.62	31.31	-1.30	-101.37	36.66	8.20	1.03	10.31	17.67
MRPC1FB33P25_COS			1682.99	701.73	141.45	590.33	-29.20	-81.23	-164.68	140.63	-68.23	-70.08	146.95	-26.19	-6.61	15.69	-3.25	21.87
MRPC1FB33P25_SIN			0.00	99.60	410.41	135.06	247.15	221.49	32.91	-458.87	-6.91	-87.51	-162.22	33.76	-13.34	1.76	11.19	32.04
MRPC1TOR25P5_COS			-111.83	-133.75	-348.64	51.49	11.07	15.74	-6.21	6.06	28.70	-6.52	24.13	2.56	4.92	1.37	-1.63	0.16
MRPC1TOR25P5_SIN			0.00	378.42	-223.81	-109.65	37.71	-0.71	16.71	61.10	0.56	-1.28	-30.65	9.90	12.99	8.92	6.53	-4.76
MRPLK1LOAD_COS			31.50	-22.42	-45.42	5.52	-0.64	3.38	-1.84	1.09	4.69	-0.70	3.88	-0.43	0.82	0.72	-0.07	-0.15
MRPLK1LOAD_SIN			0.00	53.70	-30.27	-17.54	4.43	-0.38	1.70	9.27	0.35	-0.22	-3.66	1.53	2.14	1.30	1.06	-0.83
PITCHRH_COS			-8241.74	-9105.94	823.55	93.20	-101.31	-90.50	67.13	-183.76	-89.92	-90.57	-282.68	42.64	57.05	51.11	-28.72	-128.43
PITCHRH_SIN			0.00	2049.56	-1288.09	-271.12	-124.51	879.24	21.75	-40.37	214.49	-32.54	-165.72	-6.32	19.20	19.48	31.25	134.26
ROLLRH_COS			-305.56	-2297.74	1234.13	141.23	-104.07	-1538.60	-184.68	-10.92	-205.01	100.37	116.14	8.86	69.05	20.74	-3.68	-137.21
ROLLRH_SIN			0.00	-9201.80	1001.06	155.41	108.68	1475.21	-133.22	6.20	-49.58	-82.68	48.42	16.39	28.65	32.48	-86.81	75.18
TORQ_COS			99058.69	274.59	90.70	337.89	1.38	-192.21	10.41	-62.20	-7.13	-5.62	-39.91	-4.67	3.78	-0.19	-4.57	3.96
TORQ_SIN			0.00	1153.08	-49.86	38.26	-101.07	46.93	7.06	1.26	-20.12	-5.99	89.90	-0.90	-6.85	5.29	-2.86	-4.13
THRUST_COS			4730.41	-105.51	29.84	39.70	-5.41	31.85	3.15	-8.30	-2.19	-4.51	-27.37	-11.52	0.57	1.33	1.22	-19.70
THRUST_SIN			0.00	-161.15	-13.61	-42.84	18.57	-119.83	10.13	17.95	3.35	-2.51	77.23	3.48	0.99	-2.23	2.25	-10.27

RUN	POINT		Harmonics															
	54	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-134.26	66.17	-31.47	8.61	41.73	-18.95	11.35	2.58	2.66	-2.74	-3.24	-0.44	-2.36	-0.40	-0.19	4.51
SIDERH_SIN			0.00	224.28	-42.49	3.34	-32.50	-150.24	-2.39	-1.02	1.03	3.39	-5.45	-0.12	-0.89	-0.71	2.17	-2.94
DRAGRH_COS			-260.93	238.37	18.58	-5.61	2.97	22.79	-15.76	-5.88	-5.83	4.00	11.04	-0.61	-4.43	-3.01	1.54	6.98
DRAGRH_SIN			0.00	-49.66	42.54	-3.27	-2.79	1.78	-3.44	-4.44	-9.93	7.88	3.85	0.16	3.24	-0.50	1.15	-9.52

RUN	POINT		Harmonics															
	54	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-1.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-20.56	4.61	-8.10	-1.70	-1.69	-0.09	0.04	0.19	-0.11	-0.06	0.06	0.11	0.07	-0.04	-0.02	-0.08
ACT1FORCE_SIN			0.00	18.88	-1.24	-2.60	1.41	0.48	0.59	0.02	0.10	-0.20	-0.05	0.03	0.11	0.05	0.09	-0.09
FA1IBCURRENT_COS			-0.01	-0.04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			410.58	-98.82	55.20	14.62	10.63	-2.37	-0.01	0.03	-0.04	-0.02	0.01	-0.01	-0.03	-0.01	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-317.57	10.80	25.88	-13.99	-4.39	0.05	0.00	-0.03	0.00	0.04	0.03	-0.01	-0.03	0.02	-0.03
FA1OBCURRENT_COS			0.02	0.04	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			395.14	99.29	-55.26	-14.84	-10.66	2.36	0.03	-0.05	0.03	0.03	-0.01	0.01	0.03	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	318.19	-10.33	-25.98	13.90	4.45	-0.03	-0.01	0.02	0.00	-0.03	-0.03	0.01	0.03	-0.02	0.03
MRBLD1CB42P75_COS			-619.01	-1340.11	562.99	-75.15	-125.42	-112.99	-58.29	-47.38	10.29	-29.75	-2.51	27.51	-3.86	-8.15	1.12	-8.21
MRBLD1CB42P75_SIN			0.00	2046.55	21.57	108.45	233.89	-78.91	-28.52	-36.91	3.44	27.38	-69.48	-0.70	14.93	9.19	-2.07	30.61

RUN	POINT		Harmonics															
	54	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4456.40	-1069.15	440.43	-190.03	-47.33	-138.46	-86.21	-30.65	12.02	-22.27	-5.78	19.01	-0.92	-2.55	-2.12	3.61
MRBLD1CB70_SIN			0.00	1514.55	-92.45	178.30	360.26	-80.08	36.34	-9.32	7.35	29.24	-26.69	-6.23	8.34	4.18	-5.47	40.06
MRBLD1CB120_COS			-282.73	-693.61	346.25	-77.61	18.08	-111.00	-85.67	11.06	9.56	15.39	-5.35	-16.71	2.60	3.53	3.88	-3.75
MRBLD1CB120_SIN			0.00	997.62	-104.88	156.09	420.50	-41.80	71.81	-21.07	-31.92	-33.60	42.57	6.37	-0.05	1.03	-0.20	2.53
MRBLD1CB164_COS			-1985.87	-243.00	85.29	14.63	2.71	-61.74	-42.35	25.86	-0.64	17.87	-1.82	-15.59	1.18	-0.19	-3.16	-0.83
MRBLD1CB164_SIN			0.00	326.75	-26.69	93.19	174.68	-13.77	40.56	-0.84	-33.63	-41.46	27.06	13.48	0.69	0.90	6.87	-25.15
MRBLD1FB42P75_COS			2553.98	298.91	43.37	799.80	-59.93	-99.81	-92.74	-178.53	-82.61	-81.07	-45.09	18.34	6.60	4.58	6.88	39.97
MRBLD1FB42P75_SIN			0.00	-387.52	354.51	462.51	493.81	141.34	-11.86	-110.26	-53.80	-70.84	-80.68	-8.18	9.02	-0.95	-32.11	40.86
MRBLD1FB70_COS			639.32	107.57	10.88	229.98	-30.07	-27.52	-18.45	-20.61	-2.45	-0.52	0.74	0.41	-0.17	-0.21	-1.39	-6.96
MRBLD1FB70_SIN			0.00	-251.27	156.34	125.33	142.16	20.77	-3.78	-11.85	1.58	5.92	4.04	2.54	1.44	1.31	5.85	-9.37
MRBLD1FB87_COS			86.22	122.56	-38.54	115.41	-26.16	-15.13	-2.48	15.28	13.29	16.31	12.25	-3.28	-0.25	-0.06	-0.52	-8.39
MRBLD1FB87_SIN			0.00	-321.10	117.04	74.74	53.83	2.25	-3.44	8.21	5.98	13.06	20.31	4.05	-0.50	1.75	9.36	-5.39
MRBLD1FB120_COS			-300.87	157.74	-121.63	89.38	-14.27	-14.42	-3.36	22.97	-5.83	-8.55	-9.46	-4.52	-3.74	-0.70	1.30	13.33
MRBLD1FB120_SIN			0.00	-473.76	126.67	165.41	4.35	11.47	9.99	24.79	2.14	-8.90	-14.19	-8.86	-5.32	-6.13	-14.53	8.18
MRBLD1FB164_COS			117.67	135.89	-77.76	77.19	62.89	55.53	43.39	-21.99	1.10	13.68	12.79	-0.37	0.61	-1.21	-2.70	-7.59
MRBLD1FB164_SIN			0.00	-509.69	190.18	284.20	-43.97	-36.60	-22.33	-36.66	-2.75	12.54	19.38	4.82	0.10	0.75	6.05	-3.73

RUN	POINT		Harmonics															
	54	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			30.88	-13.31	-17.29	14.03	55.17	44.45	25.18	-18.44	6.62	26.68	23.35	-16.75	-11.58	-6.13	1.94	16.75
MRBLD1FB180_SIN			0.00	-330.76	133.46	153.74	-39.92	-14.12	-24.94	-36.73	4.63	29.19	41.29	-4.83	-16.84	-12.16	-18.07	9.21
MRBLD1TOR51_COS			-1414.93	169.72	-2.53	49.02	11.78	-20.20	15.55	-28.87	-2.92	0.23	1.99	-1.83	-0.09	0.87	4.73	1.75
MRBLD1TOR51_SIN			0.00	3.66	125.67	72.68	32.87	14.63	-44.98	-26.43	-2.28	5.00	6.93	-3.20	-5.48	-5.12	-5.34	4.99
MRBLD1TOR71_COS			-269.67	185.15	-32.20	32.85	23.78	-6.18	23.09	-20.45	-0.72	1.96	1.53	-4.17	0.23	0.78	2.76	0.89
MRBLD1TOR71_SIN			0.00	-5.87	103.42	29.82	1.75	14.72	-36.29	-15.32	2.53	7.51	11.17	-2.12	-4.46	-3.30	-1.72	3.09
MRBLD1TOR130_COS			-16.31	162.17	-26.68	1.99	33.78	1.48	19.92	-15.11	1.11	0.95	4.30	-1.82	-1.29	-1.52	-3.10	-1.76
MRBLD1TOR130_SIN			0.00	30.64	52.49	11.37	-17.92	9.17	-25.74	-16.94	-0.86	-0.88	0.49	3.91	2.93	2.89	4.08	-1.24
MRBLD1TOR164_COS			-247.74	83.89	-7.52	-15.25	11.86	-6.42	5.88	-6.94	0.91	1.99	1.60	-2.39	-0.45	-0.13	-0.33	-1.62
MRBLD1TOR164_SIN			0.00	71.88	1.61	-44.23	-5.91	8.00	-14.53	-5.90	2.01	2.31	1.95	-1.00	0.03	0.88	1.31	0.49
MRFBM1CB26P5_COS			-877.79	-859.62	237.27	-14.20	-46.18	-0.31	10.90	-2.32	-0.22	-0.77	3.49	1.73	-0.05	-0.23	2.94	-2.78
MRFBM1CB26P5_SIN			0.00	948.60	120.75	-77.66	-35.79	-16.25	-22.88	-12.17	-3.34	-4.67	-12.43	1.55	0.50	-0.20	-0.32	-0.63
MRFBM1FB9_COS			743.95	-285.76	-160.25	-126.79	38.82	25.32	8.81	3.51	0.82	1.16	-1.45	-0.53	0.56	0.09	-1.03	1.41
MRFBM1FB9_SIN			0.00	-177.17	-179.48	-201.10	-60.54	-2.58	12.22	10.97	4.10	3.04	3.27	-0.26	-0.09	0.06	0.06	-1.76
MRFBM1TOR26P5_COS			-106.52	82.26	2.72	-0.10	-0.16	-0.18	0.32	-0.21	-0.16	0.08	-0.06	0.15	0.03	0.03	0.06	0.09
MRFBM1TOR26P5_SIN			0.00	-260.29	2.40	0.48	-0.17	0.17	-1.15	-0.16	0.05	0.12	0.09	-0.08	-0.09	-0.08	-0.14	-0.04

RUN	POINT		Harmonics															
	54	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			193.67	-934.91	483.94	4.53	-97.43	-82.39	-52.95	-39.87	9.43	-15.18	-5.12	19.49	0.03	-4.74	5.77	-9.79
MRPC1CB33P25_SIN			0.00	1725.05	-2.77	54.32	149.74	-47.57	-31.11	-38.97	-13.67	-1.15	-57.63	-1.02	10.21	7.16	-3.44	27.37
MRPC1FB33P25_COS			1864.03	246.33	-81.35	609.92	-150.26	-121.98	-75.08	-97.68	-32.44	-18.24	17.81	23.13	0.15	3.37	30.94	-14.77
MRPC1FB33P25_SIN			0.00	-140.69	271.69	522.44	408.76	84.41	-36.03	-172.22	-87.38	-97.77	-88.73	8.11	12.10	3.42	-11.37	61.66
MRPC1TOR25P5_COS			-407.90	-93.95	-22.82	-16.14	-24.68	25.26	-17.28	26.01	5.41	4.12	3.15	2.94	-0.77	-2.49	-5.72	-6.42
MRPC1TOR25P5_SIN			0.00	-248.09	-131.31	-61.64	-16.58	-19.15	56.25	23.86	-2.09	-9.79	-11.54	8.98	11.55	9.10	12.02	1.57
MRPLK1LOAD_COS			-8.17	-16.12	-3.04	-3.80	-4.78	4.67	-3.41	4.20	1.94	0.36	0.62	-0.33	-0.29	-0.35	-1.14	-1.38
MRPLK1LOAD_SIN			0.00	-25.97	-18.69	-11.97	-2.93	-2.63	7.87	3.44	-0.02	-0.96	-1.16	0.84	1.58	1.58	2.16	0.36
PITCHRH_COS			13607.64	-9170.00	104.02	130.75	-19.95	-432.18	31.31	-164.10	123.18	-35.09	186.36	-10.26	23.00	2.09	-10.87	-115.91
PITCHRH_SIN			0.00	1824.07	-1180.63	-96.06	-43.05	753.89	-47.68	104.67	202.52	-128.37	-311.15	52.54	-32.80	40.63	10.73	78.64
ROLLRH_COS			5982.05	-1919.41	1260.83	-81.88	-87.70	-2663.93	-83.64	12.69	-168.93	172.29	201.87	3.84	34.00	-62.57	64.14	113.24
ROLLRH_SIN			0.00	-9272.01	176.92	109.12	210.80	665.32	-100.05	-130.69	-17.93	-2.76	38.03	-21.34	-27.54	15.55	-4.70	201.02
TORQ_COS			106163.94	471.70	-27.89	160.69	1.53	18.11	12.50	19.75	-1.55	2.61	4.00	-3.62	2.08	-1.58	-5.17	8.47
TORQ_SIN			0.00	861.56	-99.16	76.22	-107.37	55.91	11.56	52.96	-8.49	-5.41	51.05	1.24	-4.38	4.44	-3.71	3.24
THRUST_COS			6000.57	-104.31	-1.47	30.39	1.91	52.89	6.85	19.92	-3.87	-5.26	6.41	-6.14	-1.46	-1.25	3.10	-11.71
THRUST_SIN			0.00	-121.47	-8.51	-11.37	26.27	-56.26	6.53	14.38	-1.60	5.29	47.86	1.63	1.04	0.38	3.87	-30.97

RUN	POINT		Harmonics															
	54	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-130.79	55.75	-27.92	-1.06	2.13	76.11	6.23	-1.51	1.97	-7.19	-8.07	-0.64	-1.43	1.51	-1.96	-2.88
SIDERH_SIN			0.00	235.77	-6.21	-5.20	-44.04	-142.64	-0.38	3.15	0.68	0.54	-5.57	1.61	0.66	-0.10	0.13	-5.46
DRAGRH_COS			-61.04	240.86	14.74	-2.97	0.83	151.12	-26.71	-1.70	-2.80	-0.95	-19.49	2.41	-1.28	-0.07	1.39	6.10
DRAGRH_SIN			0.00	-48.20	17.28	-1.22	11.89	185.28	-1.46	3.81	-8.01	8.52	8.09	-1.97	2.54	-1.96	-0.22	-4.42

RUN	POINT		Harmonics															
	54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.00	0.01	0.00	0.00	0.00	0.02	-0.01	0.00	-0.01	0.01	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-1.99	0.00	0.00	0.00	0.00	0.01	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-22.76	6.76	-6.86	-2.69	-1.83	-0.23	0.27	0.16	0.01	-0.23	0.06	0.29	0.18	0.02	0.03	-0.11
ACT1FORCE_SIN			0.00	15.34	-0.07	-2.03	1.82	0.52	0.66	-0.33	0.08	-0.14	-0.05	0.06	0.12	0.04	0.07	-0.06
FA1IBCURRENT_COS			-0.01	-0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			414.79	-149.63	45.01	18.24	10.82	-2.26	0.01	0.04	-0.05	-0.01	0.00	-0.01	-0.04	0.00	-0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-432.27	2.54	22.19	-16.69	-4.62	0.19	-0.01	-0.02	-0.03	0.04	0.05	0.03	-0.02	0.02	-0.05
FA1OBCURRENT_COS			0.02	0.06	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			391.15	150.33	-45.19	-18.54	-10.87	2.23	0.04	-0.07	0.02	0.03	0.01	0.00	0.03	0.00	0.01	0.01
FA1OBVOLTAGE_SIN			0.00	433.26	-1.37	-22.38	16.40	4.77	-0.09	-0.02	0.00	0.04	-0.03	-0.05	-0.02	0.01	-0.02	0.05
MRBLD1CB42P75_COS			-556.29	-736.55	612.88	-52.73	-151.07	-131.54	-55.85	-85.84	18.30	-27.36	-12.72	44.38	-4.74	-14.10	-0.62	-7.16
MRBLD1CB42P75_SIN			0.00	2492.70	-55.04	109.92	267.35	-120.55	-35.14	-10.25	-14.97	22.64	-70.21	3.51	18.33	12.89	-6.60	32.38

RUN	POINT		Harmonics															
	54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4478.67	-701.21	495.90	-213.96	-77.42	-134.69	-97.51	-50.49	19.10	-23.74	1.61	30.51	-1.70	-4.83	-3.75	6.60
MRBLD1CB70_SIN			0.00	1853.82	-135.96	200.65	428.59	-155.79	36.13	9.25	-6.13	22.80	-30.50	-2.83	8.46	6.02	-9.55	42.30
MRBLD1CB120_COS			-254.97	-562.77	385.70	-105.49	-6.68	-90.36	-103.22	4.19	8.80	10.26	0.28	-23.09	4.83	6.10	3.99	-4.05
MRBLD1CB120_SIN			0.00	1177.68	-115.97	173.20	502.23	-122.98	86.57	-10.87	-39.48	-31.98	47.79	5.83	-0.99	0.34	-0.06	2.75
MRBLD1CB164_COS			-1995.58	-219.12	105.81	-1.70	-3.91	-51.05	-51.39	37.91	-2.96	14.28	-9.88	-21.73	3.90	-0.04	-1.46	-1.96
MRBLD1CB164_SIN			0.00	353.30	-21.41	110.82	203.04	-42.93	55.74	-5.52	-31.26	-37.67	31.53	10.82	2.16	0.76	9.85	-26.95
MRBLD1FB42P75_COS			2616.10	148.90	12.40	843.88	-69.82	-114.34	-89.92	-250.21	-96.40	-76.30	-69.88	28.46	12.69	0.26	-2.80	43.19
MRBLD1FB42P75_SIN			0.00	-456.12	332.14	522.03	584.08	107.45	-26.74	-7.79	-84.32	-76.73	-50.76	-16.73	16.88	4.15	-35.39	40.17
MRBLD1FB70_COS			656.06	106.08	-3.42	243.71	-35.75	-31.87	-18.89	-32.13	-3.53	0.45	1.77	0.65	-0.37	0.99	0.47	-7.69
MRBLD1FB70_SIN			0.00	-247.65	145.32	146.74	171.33	6.50	-8.38	5.86	-3.18	4.37	3.68	2.62	0.59	0.61	6.67	-9.01
MRBLD1FB87_COS			89.89	115.85	-48.35	121.86	-29.68	-15.21	-2.74	22.64	15.81	16.08	18.85	-6.00	-1.47	0.90	1.55	-9.03
MRBLD1FB87_SIN			0.00	-328.91	112.75	90.37	64.70	-1.89	-3.93	-1.22	10.25	13.63	13.62	6.13	-2.77	-0.01	9.68	-5.56
MRBLD1FB120_COS			-309.76	149.17	-125.93	86.72	-13.62	-12.91	-5.97	39.99	-5.41	-10.91	-13.45	-3.94	-3.91	-2.73	-2.58	13.65
MRBLD1FB120_SIN			0.00	-504.83	123.35	197.72	-7.32	24.97	14.25	-0.59	9.83	-7.08	-12.32	-10.07	-3.49	-5.12	-15.89	8.12
MRBLD1FB164_COS			170.62	121.97	-134.73	83.59	59.83	50.02	49.90	-51.27	-2.14	18.71	19.42	-3.38	-0.43	0.88	-0.83	-8.39
MRBLD1FB164_SIN			0.00	-443.65	165.95	319.94	-57.02	-26.78	-25.23	0.28	-11.90	9.10	17.25	7.03	-2.58	-0.90	7.44	-3.29

RUN	POINT		Harmonics															
	54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			81.45	-23.10	-67.61	18.79	57.43	35.04	24.22	-38.44	8.59	26.93	36.60	-22.84	-14.28	-8.38	-2.27	17.47
MRBLD1FB180_SIN			0.00	-252.55	117.63	166.07	-43.11	-6.23	-35.45	-8.77	4.25	31.00	27.86	-2.90	-18.49	-12.09	-19.29	8.76
MRBLD1TOR51_COS			-1339.68	168.80	-70.41	66.12	16.81	-12.73	15.78	-40.92	-1.76	-0.71	5.45	-1.45	0.44	0.49	3.49	1.95
MRBLD1TOR51_SIN			0.00	157.10	99.44	63.35	48.07	17.54	-60.06	-14.00	-5.71	7.86	5.44	-4.15	-6.05	-4.70	-6.82	4.53
MRBLD1TOR71_COS			-203.38	176.33	-99.22	48.06	31.00	1.54	23.76	-25.84	-0.13	0.52	5.98	-4.62	1.01	0.72	2.22	1.20
MRBLD1TOR71_SIN			0.00	132.42	80.88	17.22	9.85	20.48	-49.16	-6.45	1.26	10.39	10.16	-2.84	-5.58	-3.18	-2.56	2.83
MRBLD1TOR130_COS			50.11	155.62	-94.87	14.44	42.49	8.29	21.53	-21.39	1.42	0.93	3.87	-0.71	-0.96	-1.76	-2.53	-1.71
MRBLD1TOR130_SIN			0.00	174.03	32.25	-4.10	-16.37	15.22	-33.67	-8.86	-4.42	0.92	0.89	4.05	2.63	2.73	4.65	-0.86
MRBLD1TOR164_COS			-206.16	81.86	-52.25	-7.74	16.27	-2.59	8.27	-5.98	-0.75	1.90	3.70	-2.97	-0.99	-0.47	0.37	-1.69
MRBLD1TOR164_SIN			0.00	180.05	-8.32	-61.56	-2.37	7.66	-19.78	-1.95	2.15	2.32	2.13	-0.97	-0.50	0.10	1.77	1.18
MRFBM1CB26P5_COS			-821.26	-586.53	263.72	7.29	-50.27	-9.89	15.36	-7.31	0.09	0.53	-1.98	2.35	-0.16	-0.96	2.84	-3.33
MRFBM1CB26P5_SIN			0.00	1277.40	115.59	-97.60	-45.21	-9.80	-25.96	-10.30	-5.96	-4.26	-11.76	1.40	1.48	-0.30	-0.70	-0.68
MRFBM1FB9_COS			859.50	-592.09	-140.24	-129.30	47.71	23.76	9.21	10.29	-0.04	0.84	-0.52	-0.98	0.86	0.38	-1.10	1.49
MRFBM1FB9_SIN			0.00	-274.88	-156.18	-218.13	-70.83	1.98	14.75	9.75	5.56	3.11	3.73	-0.66	-0.22	0.20	0.39	-1.89
MRFBM1TOR26P5_COS			-105.66	81.72	2.20	0.01	-0.26	0.02	0.30	-0.42	-0.11	0.11	-0.04	0.15	0.03	0.05	0.03	0.08
MRFBM1TOR26P5_SIN			0.00	-259.09	2.61	0.36	0.16	0.21	-1.56	-0.14	0.14	0.11	0.02	-0.11	-0.06	-0.06	-0.14	-0.07

RUN	POINT		Harmonics															
	54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			237.22	-381.17	520.59	52.30	-108.27	-108.91	-48.44	-71.89	11.45	-14.90	-18.63	30.53	-0.26	-9.44	3.95	-9.02
MRPC1CB33P25_SIN			0.00	1995.21	-89.59	44.52	158.32	-62.01	-30.02	-13.37	-31.32	-4.11	-53.19	-0.76	13.14	9.30	-7.84	29.15
MRPC1FB33P25_COS			1908.71	122.42	-99.87	637.36	-181.55	-125.90	-66.60	-195.00	-30.53	-10.67	-17.11	35.83	-2.02	-4.51	28.12	-11.79
MRPC1FB33P25_SIN			0.00	-209.17	248.01	580.35	482.85	49.70	-45.38	-120.33	-119.23	-100.14	-82.06	8.16	21.93	2.30	-22.08	64.28
MRPC1TOR25P5_COS			-483.18	-83.51	49.29	-34.44	-31.70	16.82	-17.15	36.20	4.31	5.05	-2.09	4.39	-1.00	-3.10	-3.39	-5.87
MRPC1TOR25P5_SIN			0.00	-404.65	-105.49	-49.96	-29.97	-25.01	73.47	12.87	-1.38	-13.40	-9.37	10.06	11.82	7.93	12.80	2.85
MRPLK1LOAD_COS			-18.41	-14.69	6.56	-6.34	-5.79	3.59	-3.47	5.89	1.77	0.37	0.03	-0.14	-0.31	-0.55	-0.66	-1.30
MRPLK1LOAD_SIN			0.00	-46.04	-15.33	-10.35	-4.92	-3.32	10.46	1.72	-0.09	-1.31	-0.66	1.03	1.44	1.32	2.32	0.69
PITCHRH_COS			19510.04	-9280.99	-396.78	186.28	13.93	-538.20	-44.88	-127.76	48.97	-62.23	252.70	-41.17	26.71	-15.35	-21.77	-123.44
PITCHRH_SIN			0.00	1712.12	-1220.27	-60.27	-2.70	690.19	-11.72	87.23	92.09	-111.24	-360.12	46.43	-80.77	26.43	17.34	78.81
ROLLRH_COS			7950.65	-1792.68	1394.41	-169.88	137.59	-2917.33	-181.59	37.36	-123.71	240.62	214.83	-6.04	48.26	-101.56	51.73	230.75
ROLLRH_SIN			0.00	-9381.20	-328.30	140.14	274.74	557.26	-165.25	-168.66	-49.26	-43.95	37.49	-52.65	-39.63	34.75	3.11	218.81
TORQ_COS			108039.66	475.13	-68.37	125.75	-1.82	64.63	12.82	31.70	-5.19	2.87	23.45	-4.68	1.01	-1.79	-4.92	10.99
TORQ_SIN			0.00	856.71	-49.38	113.98	-119.10	70.11	14.30	39.54	-7.26	-3.57	44.35	3.87	-3.79	4.33	-2.85	3.69
THRUST_COS			6312.98	-103.21	-20.83	31.87	11.13	48.92	9.01	19.49	-1.07	-4.50	14.41	-4.11	-2.84	-2.06	4.23	-13.61
THRUST_SIN			0.00	-159.81	-15.54	-2.91	25.35	-39.54	10.42	9.23	-3.30	5.86	42.88	0.80	1.61	0.34	1.87	-30.00

RUN	POINT		Harmonics															
	54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-128.01	59.88	-29.86	-0.65	-38.10	81.24	13.47	-2.11	0.71	-10.71	-9.05	-0.19	-1.97	2.79	-1.64	-6.35
SIDERH_SIN			0.00	235.29	11.69	-4.72	-25.28	-152.88	5.64	4.32	1.01	2.45	-5.74	3.20	0.72	-0.93	-0.21	-6.13
DRAGRH_COS			7.01	238.84	19.00	-0.71	13.20	217.12	-19.38	1.94	-0.78	-1.57	-22.25	5.09	-1.94	0.87	2.24	7.09
DRAGRH_SIN			0.00	-52.79	3.49	-0.90	14.43	230.05	-8.76	5.27	-6.63	10.92	10.80	-1.68	4.96	-0.35	-0.71	-4.74

RUN	POINT		Harmonics															
	54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.06	-0.01	-0.01	0.00	0.00	0.02	-0.01	-0.01	-0.01	0.01	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	-2.85	0.00	-0.01	0.00	0.00	0.00	-0.02	0.01	0.00	0.00	-0.01	0.00	0.01	-0.01	0.01
ACT1DISP_COS			2.65	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-25.21	8.00	-5.31	-3.52	-1.93	-0.10	0.28	0.18	-0.04	-0.35	-0.08	0.27	0.25	0.02	-0.01	-0.11
ACT1FORCE_SIN			0.00	13.52	0.94	-1.89	1.93	0.61	0.42	-0.35	0.13	-0.08	-0.01	-0.10	0.12	0.09	-0.09	-0.03
FA1IBCURRENT_COS			-0.01	-0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			422.13	-204.27	31.21	16.74	9.48	-3.96	0.12	-0.04	-0.07	0.01	-0.04	0.03	-0.03	-0.01	0.03	-0.05
FA1IBVOLTAGE_SIN			0.00	-507.59	-3.10	22.08	-15.43	-5.52	0.26	0.03	-0.04	-0.03	0.03	0.04	0.05	-0.02	0.03	-0.03
FA1OBCURRENT_COS			0.02	0.08	0.00	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			384.43	204.92	-31.94	-17.05	-9.49	3.93	0.03	0.00	0.00	0.00	0.06	-0.03	0.04	0.01	-0.03	0.06
FA1OBVOLTAGE_SIN			0.00	508.95	5.49	-22.32	14.52	5.73	0.10	-0.07	-0.03	0.05	-0.01	-0.04	-0.06	0.02	-0.03	0.03
MRBLD1CB42P75_COS			-541.38	-41.28	617.39	-23.58	-190.27	-198.68	-62.10	-103.01	23.31	-19.28	-28.21	49.39	0.55	-11.15	5.42	0.08
MRBLD1CB42P75_SIN			0.00	2942.90	-165.57	100.57	302.43	-114.72	-33.99	9.80	-22.57	19.28	-40.10	-34.44	26.89	21.04	-4.99	44.19

RUN	POINT		Harmonics															
	54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4462.45	-263.80	557.47	-232.39	-86.72	-216.66	-84.13	-63.80	26.48	-20.59	9.00	30.48	1.99	-1.12	1.85	18.61
MRBLD1CB70_SIN			0.00	2223.31	-207.24	211.54	532.81	-134.65	68.23	26.82	-10.01	15.99	-9.75	-30.16	14.15	11.27	-10.12	47.34
MRBLD1CB120_COS			-269.49	-393.32	454.90	-144.78	10.60	-153.92	-72.68	-9.38	-0.58	4.98	0.55	-21.30	5.64	8.07	4.37	-4.73
MRBLD1CB120_SIN			0.00	1391.85	-146.20	187.56	618.76	-100.81	145.80	-4.59	-53.66	-29.84	34.07	26.45	-3.12	-1.58	-1.77	3.10
MRBLD1CB164_COS			-2014.23	-183.92	139.81	-22.34	11.32	-73.97	-34.85	41.04	-10.46	7.20	-23.23	-17.65	5.14	-1.51	-2.67	-8.20
MRBLD1CB164_SIN			0.00	396.57	-19.25	132.56	242.12	-29.42	97.37	-11.27	-38.69	-32.86	14.79	32.47	-1.28	-1.78	9.97	-29.74
MRBLD1FB42P75_COS			2693.85	-23.31	-77.94	855.35	-55.31	-132.88	-99.81	-297.76	-136.90	-69.40	-121.82	27.06	25.83	2.57	0.28	65.82
MRBLD1FB42P75_SIN			0.00	-520.32	305.12	620.63	599.53	69.86	-62.65	53.53	-112.26	-77.89	2.20	-50.82	18.58	9.85	-40.78	40.43
MRBLD1FB70_COS			678.05	99.44	-40.44	243.68	-35.77	-42.25	-22.56	-39.28	-7.74	2.07	3.67	0.51	-1.25	0.50	-0.35	-12.53
MRBLD1FB70_SIN			0.00	-238.20	132.89	183.04	181.71	-1.14	-14.04	16.22	-6.78	2.69	4.68	2.83	0.54	0.07	7.74	-10.07
MRBLD1FB87_COS			100.22	104.11	-72.38	120.36	-30.29	-17.48	-3.61	26.94	21.03	15.55	30.52	-3.35	-3.74	1.45	2.05	-12.52
MRBLD1FB87_SIN			0.00	-332.93	108.72	114.98	67.90	-3.35	-2.47	-6.97	13.44	12.82	0.03	14.49	-4.03	-2.01	10.63	-5.32
MRBLD1FB120_COS			-303.52	132.02	-153.37	87.05	-12.72	-3.63	-2.60	53.18	1.69	-14.22	-19.23	-5.82	-3.70	-4.09	-3.74	18.44
MRBLD1FB120_SIN			0.00	-528.52	119.13	235.69	-16.90	34.11	22.41	-13.73	17.67	-3.04	-8.75	-12.79	-1.77	-3.06	-17.68	7.68
MRBLD1FB164_COS			236.83	98.57	-227.56	103.19	57.39	56.09	50.31	-72.09	-17.50	24.48	31.12	-4.00	-2.74	1.69	-0.55	-11.09
MRBLD1FB164_SIN			0.00	-384.41	137.97	363.50	-41.59	-24.82	-36.36	16.22	-22.66	2.05	9.69	13.80	-5.63	-3.77	8.57	-1.26

RUN	POINT		Harmonics															
	54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			138.38	-38.84	-137.50	32.20	62.10	32.43	16.98	-52.89	5.00	29.23	57.90	-20.77	-20.56	-12.48	-3.01	25.05
MRBLD1FB180_SIN			0.00	-183.11	100.31	180.72	-30.44	0.01	-50.81	-3.63	0.28	30.75	-0.68	8.85	-18.98	-9.26	-21.19	8.32
MRBLD1TOR51_COS			-1273.13	177.48	-136.11	78.90	20.86	-9.63	1.91	-53.62	-3.06	-0.09	9.57	-2.60	0.60	-1.25	2.71	4.86
MRBLD1TOR51_SIN			0.00	291.64	75.71	61.59	64.40	9.18	-71.08	-12.48	-7.74	10.71	3.43	-4.81	-7.51	-3.77	-7.68	5.21
MRBLD1TOR71_COS			-143.00	175.37	-162.76	60.07	35.38	7.69	11.63	-33.71	-0.60	0.77	11.52	-6.54	0.77	-0.18	1.34	2.52
MRBLD1TOR71_SIN			0.00	252.42	62.10	10.68	20.32	13.91	-58.98	-7.03	1.80	13.33	6.88	-0.69	-6.75	-2.51	-3.54	3.18
MRBLD1TOR130_COS			110.66	156.68	-159.11	27.04	47.52	13.58	13.36	-29.59	-0.14	2.40	0.05	0.70	-0.23	-0.36	-2.41	-3.03
MRBLD1TOR130_SIN			0.00	296.56	16.37	-15.21	-9.84	10.57	-40.74	-8.52	-6.51	2.84	-1.22	3.71	4.25	3.43	4.75	-0.59
MRBLD1TOR164_COS			-170.38	86.75	-87.78	-0.56	20.34	-3.27	5.69	-7.07	-2.24	2.09	6.04	-2.99	-2.54	0.59	1.50	-3.08
MRBLD1TOR164_SIN			0.00	273.05	-14.21	-78.00	1.07	3.13	-25.61	-0.96	4.00	2.10	-0.72	1.03	0.08	0.10	1.76	2.29
MRFBM1CB26P5_COS			-768.49	-274.86	291.14	29.33	-65.50	-12.78	10.72	-7.92	-0.70	1.44	-10.67	3.91	0.70	-1.42	2.74	-4.46
MRFBM1CB26P5_SIN			0.00	1653.57	96.72	-115.78	-64.54	-17.65	-35.76	-12.02	-8.40	-4.05	-10.97	-0.10	2.10	-0.15	-0.85	1.05
MRFBM1FB9_COS			972.17	-910.68	-83.64	-124.42	49.11	25.39	11.29	15.21	0.19	0.49	1.76	-2.32	0.71	0.51	-1.23	1.28
MRFBM1FB9_SIN			0.00	-369.50	-119.13	-246.35	-76.54	6.55	16.25	8.60	7.70	3.03	4.05	0.04	-0.85	0.00	0.13	-2.77
MRFBM1TOR26P5_COS			-104.88	76.84	1.70	0.20	-0.17	0.09	-0.04	-0.54	-0.08	0.07	0.12	0.11	0.00	-0.02	0.02	0.14
MRFBM1TOR26P5_SIN			0.00	-259.19	2.90	0.59	0.68	-0.10	-1.78	-0.06	0.10	0.11	0.12	-0.18	-0.14	-0.08	-0.13	-0.11

RUN	POINT		Harmonics															
	54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			231.45	240.63	484.26	97.01	-147.69	-150.35	-57.17	-84.73	8.15	-10.17	-39.22	33.72	3.38	-6.42	8.59	-3.98
MRPC1CB33P25_SIN			0.00	2223.54	-200.20	21.65	150.85	-56.29	-26.44	5.11	-43.32	-3.38	-33.50	-26.43	19.17	15.88	-8.20	41.20
MRPC1FB33P25_COS			1967.11	-19.39	-165.44	631.18	-173.34	-133.48	-59.82	-258.47	-50.66	-5.66	-87.25	55.36	7.15	-6.63	35.40	0.65
MRPC1FB33P25_SIN			0.00	-273.53	213.96	659.64	502.05	14.90	-75.08	-89.66	-160.17	-99.44	-73.14	-19.42	31.81	7.49	-23.52	84.89
MRPC1TOR25P5_COS			-549.89	-88.91	115.44	-48.72	-36.76	11.43	0.16	47.89	4.70	4.76	-12.28	7.12	0.16	1.12	-1.21	-10.03
MRPC1TOR25P5_SIN			0.00	-540.78	-82.96	-47.87	-45.60	-16.89	85.30	12.40	0.02	-17.17	-7.90	9.30	15.39	8.20	13.09	5.27
MRPLK1LOAD_COS			-27.31	-15.41	15.64	-8.40	-6.61	2.89	-1.10	7.66	1.94	0.49	-1.53	0.14	-0.16	0.33	-0.45	-2.02
MRPLK1LOAD_SIN			0.00	-62.94	-12.58	-10.31	-7.02	-2.21	12.37	1.49	0.05	-1.71	-0.88	1.22	2.33	1.44	2.23	1.23
PITCHRH_COS			25262.59	-8830.80	-313.88	74.44	-98.87	-847.83	-163.27	-69.21	164.53	-48.75	266.87	-0.24	4.42	23.01	-15.47	-96.96
PITCHRH_SIN			0.00	1935.10	-1099.80	-124.48	-55.23	197.56	-26.28	114.01	-42.47	-15.84	-454.25	15.27	-72.70	14.87	-2.92	143.50
ROLLRH_COS			9881.41	-1871.50	1286.18	-168.60	-147.18	-2757.91	-154.42	25.72	15.65	213.23	128.10	28.96	28.67	-116.94	104.24	229.48
ROLLRH_SIN			0.00	-9090.73	-209.05	55.73	87.20	842.27	-233.22	-175.50	126.79	-103.23	-81.26	-46.50	-67.09	28.48	24.94	237.39
TORQ_COS			109647.99	356.20	-70.36	167.79	42.21	152.50	16.51	22.67	-6.37	2.69	51.67	-4.52	-1.07	-1.24	-4.37	15.64
TORQ_SIN			0.00	632.15	-37.02	63.92	-45.88	96.98	17.33	54.34	-8.15	-2.97	34.40	4.87	-4.22	5.95	-0.10	2.13
THRUST_COS			6620.49	-11.26	-7.66	36.21	4.05	46.80	11.17	23.97	-2.65	-2.07	35.41	-5.76	-0.84	0.06	-0.65	-23.74
THRUST_SIN			0.00	-102.57	-12.86	-12.65	19.63	-25.86	13.55	14.88	-1.88	4.43	37.31	5.58	4.63	0.74	-0.97	-29.15

RUN	POINT		Harmonics															
	54	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-120.01	61.76	-22.54	-5.85	20.43	31.94	8.63	-2.73	-2.36	-9.99	-5.75	-1.38	-1.65	3.35	-2.94	-6.31
SIDERH_SIN			0.00	235.22	10.18	-2.84	-52.02	-157.82	13.33	4.14	-2.29	4.72	0.55	2.15	1.91	-0.68	-0.79	-6.71
DRAGRH_COS			87.13	241.95	17.88	-2.42	0.50	377.55	-3.47	-0.91	-1.42	1.54	-25.13	1.35	0.28	-0.65	1.24	6.30
DRAGRH_SIN			0.00	-56.14	4.46	1.92	14.35	234.86	-5.46	8.00	-2.45	5.83	16.51	-1.93	6.37	0.02	-0.33	-8.45

RUN	POINT		Harmonics															
	54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	0.99	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-20.24	-0.78	-11.18	-2.51	0.00	-0.75	0.36	-0.01	-0.31	-0.01	0.09	0.13	-0.12	0.00	0.02	-0.03
ACT1FORCE_SIN			0.00	26.73	0.51	-3.27	1.75	0.37	0.16	0.16	0.12	-0.03	-0.16	0.11	0.00	-0.02	0.03	-0.05
FA1IBCURRENT_COS			0.00	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.03	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			401.52	190.50	73.10	24.96	4.40	8.81	-0.03	-0.04	-0.01	-0.01	0.01	-0.02	-0.02	0.03	0.01	-0.01
FA1IBVOLTAGE_SIN			0.00	-231.39	-10.51	17.39	-12.32	-4.87	0.03	-0.05	-0.08	-0.03	0.02	0.00	-0.02	-0.02	0.01	-0.01
FA1OBCURRENT_COS			0.02	0.02	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			404.17	-190.64	-73.48	-25.16	-4.33	-8.83	-0.03	0.02	0.02	0.00	-0.01	0.02	0.02	-0.03	0.00	0.02
FA1OBVOLTAGE_SIN			0.00	231.95	10.58	-17.58	12.18	4.90	-0.04	0.03	0.07	0.05	-0.02	0.00	0.03	0.02	-0.01	0.01
MRBLD1CB42P75_COS			-679.85	-1761.66	561.65	-88.97	-108.80	-85.93	-59.63	-37.21	15.00	-17.23	-7.51	16.34	-2.16	-3.99	0.41	1.96
MRBLD1CB42P75_SIN			0.00	2040.42	32.29	137.99	243.25	-106.94	-5.22	-64.24	11.22	24.13	-69.28	16.01	11.06	7.58	-1.83	25.51

RUN	POINT		Harmonics															
	54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4436.33	-1362.28	411.12	-184.42	-38.21	-98.11	-48.60	-33.96	13.11	-6.89	-19.27	12.18	1.52	0.27	-1.26	13.27
MRBLD1CB70_SIN			0.00	1467.36	-62.34	169.08	380.92	-133.91	70.45	-29.30	9.12	26.53	-21.86	6.81	4.35	2.43	-5.17	30.75
MRBLD1CB120_COS			-303.06	-826.63	312.44	-78.50	29.90	-76.75	-32.07	-12.06	2.07	10.17	5.08	-8.69	3.15	4.78	3.65	-1.58
MRBLD1CB120_SIN			0.00	928.34	-93.17	134.63	424.36	-87.95	112.29	-30.68	-34.99	-31.82	37.15	-1.76	0.96	-0.44	-1.33	3.31
MRBLD1CB164_COS			-1992.57	-254.07	66.12	8.86	8.92	-46.62	-16.10	12.15	-6.72	8.61	18.14	-7.33	0.12	-0.28	-1.26	-7.68
MRBLD1CB164_SIN			0.00	321.70	-19.16	69.23	177.48	-27.13	52.63	1.82	-35.53	-40.30	21.65	4.39	2.96	1.45	7.50	-20.62
MRBLD1FB42P75_COS			2494.48	395.16	145.73	694.33	-13.80	-89.61	-105.10	-207.27	-77.98	-92.39	-37.60	15.67	-0.06	1.54	-0.27	44.05
MRBLD1FB42P75_SIN			0.00	-411.31	304.76	399.99	383.27	171.20	25.08	-153.55	-39.19	-57.61	-120.20	10.72	7.71	-6.21	-25.82	20.98
MRBLD1FB70_COS			623.18	105.86	47.93	192.76	-12.27	-24.00	-19.09	-24.95	-0.61	-0.19	0.90	1.61	0.82	0.15	0.26	-8.04
MRBLD1FB70_SIN			0.00	-251.49	142.66	102.28	111.51	25.73	5.65	-21.92	2.47	5.19	3.18	1.83	1.43	1.51	4.57	-5.07
MRBLD1FB87_COS			82.72	130.75	-17.37	93.18	-15.82	-14.10	-1.65	18.39	12.96	18.51	11.05	-2.38	1.69	0.82	0.99	-8.85
MRBLD1FB87_SIN			0.00	-311.60	113.45	56.87	42.42	6.15	-2.93	12.50	4.26	11.16	28.63	-1.45	-0.15	3.03	7.81	-1.50
MRBLD1FB120_COS			-286.62	179.73	-101.11	68.52	-7.99	-16.22	-2.56	28.14	-7.75	-8.68	-9.21	-5.56	-5.75	-1.96	-1.57	14.08
MRBLD1FB120_SIN			0.00	-434.82	136.19	128.29	10.84	13.09	-2.15	38.03	-0.76	-8.82	-15.01	-4.72	-5.64	-7.40	-12.43	2.07
MRBLD1FB164_COS			86.76	69.15	16.91	73.62	48.71	62.41	37.82	-28.75	5.08	13.49	10.39	0.53	1.87	-1.79	-2.76	-8.36
MRBLD1FB164_SIN			0.00	-559.25	145.55	258.56	-23.21	-38.57	-13.10	-55.30	2.75	13.55	23.16	0.26	0.73	3.29	5.68	-1.40

RUN	POINT		Harmonics															
	54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-3.20	-90.55	55.26	18.59	42.11	54.80	22.38	-30.01	8.32	29.24	20.30	-16.34	-14.02	-7.90	-1.85	17.24
MRBLD1FB180_SIN			0.00	-393.93	88.53	146.65	-30.03	-18.68	-7.36	-53.22	5.54	23.01	55.00	-11.91	-14.36	-12.69	-16.29	1.29
MRBLD1TOR51_COS			-1479.04	63.00	104.19	42.22	-2.74	-13.92	4.00	-30.04	-3.13	-0.04	1.10	-1.28	-2.08	0.42	4.21	3.18
MRBLD1TOR51_SIN			0.00	-151.83	83.44	98.08	21.37	1.66	-28.01	-26.00	2.55	2.57	8.99	-3.27	-5.44	-6.34	-4.33	4.13
MRBLD1TOR71_COS			-327.01	89.94	66.27	29.22	7.28	-1.43	12.68	-21.45	-0.80	1.93	0.68	-2.21	-1.33	0.69	2.64	1.95
MRBLD1TOR71_SIN			0.00	-152.32	64.12	56.31	-5.34	2.63	-23.59	-12.26	6.27	5.19	14.16	-4.14	-4.46	-4.57	-1.84	2.73
MRBLD1TOR130_COS			-73.70	61.58	66.09	6.84	14.36	5.34	12.04	-16.15	1.48	-0.23	7.24	-0.51	-1.40	-0.74	-2.81	-2.03
MRBLD1TOR130_SIN			0.00	-119.74	11.77	40.05	-18.51	-2.02	-16.48	-15.76	3.09	-2.20	0.89	2.29	2.32	2.24	2.67	-1.01
MRBLD1TOR164_COS			-284.74	10.34	44.18	-8.44	2.91	-4.81	0.87	-8.48	1.93	2.53	1.20	-1.13	0.24	0.19	-1.45	-0.79
MRBLD1TOR164_SIN			0.00	-41.94	-23.70	-20.25	-7.45	2.22	-9.04	-4.56	2.27	1.12	3.62	-3.10	-0.49	0.96	-0.30	-0.06
MRFBM1CB26P5_COS			-907.58	-1128.99	253.88	-22.43	-47.72	2.05	0.55	1.45	0.64	-2.11	6.97	0.82	-0.77	-0.17	1.92	-2.08
MRFBM1CB26P5_SIN			0.00	917.62	113.70	-45.63	-35.49	-12.39	-25.34	-13.48	-0.70	-4.42	-14.38	1.60	0.50	-0.07	-0.64	0.11
MRFBM1FB9_COS			657.42	-66.82	-229.72	-108.76	27.45	25.33	12.08	3.35	1.38	1.36	-2.29	0.34	0.57	-0.03	-0.84	0.62
MRFBM1FB9_SIN			0.00	-239.74	-151.99	-176.79	-51.29	-5.20	7.54	13.80	3.61	2.84	3.45	-0.47	0.16	0.16	0.22	-1.91
MRFBM1TOR26P5_COS			-105.89	75.98	3.82	-0.51	-0.32	-0.39	0.28	-0.18	-0.16	0.10	-0.15	0.08	0.03	0.00	0.07	0.07
MRFBM1TOR26P5_SIN			0.00	-264.62	1.96	0.87	-0.28	-0.07	-0.80	-0.21	0.00	0.13	0.04	0.06	-0.03	-0.06	-0.07	-0.03

RUN	POINT		Harmonics															
	54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			153.66	-1250.74	475.72	-13.43	-77.78	-69.91	-64.13	-33.58	14.82	-12.19	-1.45	14.09	0.66	-1.01	4.18	0.08
MRPC1CB33P25_SIN			0.00	1765.80	-0.27	96.97	146.70	-54.08	-15.27	-61.48	-9.16	-3.62	-61.69	10.44	7.06	5.65	-4.09	23.08
MRPC1FB33P25_COS			1811.44	334.77	7.12	532.77	-85.39	-120.24	-95.93	-104.21	-36.29	-33.32	45.30	9.24	-2.95	5.07	20.84	6.39
MRPC1FB33P25_SIN			0.00	-152.85	248.79	450.06	326.49	109.67	-11.75	-218.37	-75.33	-94.17	-113.57	18.40	6.09	-1.39	-14.36	53.20
MRPC1TOR25P5_COS			-339.49	7.08	-134.35	-11.34	-5.32	19.49	-5.83	27.88	5.84	4.09	6.80	3.38	2.33	-0.16	-5.97	-5.18
MRPC1TOR25P5_SIN			0.00	-86.84	-84.23	-92.10	-5.56	-5.19	37.17	20.86	-6.48	-8.24	-14.73	6.36	9.71	9.61	7.97	1.38
MRPLK1LOAD_COS			0.82	-3.30	-17.65	-3.01	-2.14	4.03	-2.02	4.44	1.97	0.43	1.37	-0.01	0.10	0.11	-1.25	-1.12
MRPLK1LOAD_SIN			0.00	-5.08	-12.32	-16.16	-1.18	-0.61	5.03	3.33	-0.46	-0.90	-1.32	-0.12	1.14	1.45	1.20	0.35
PITCHRH_COS			9409.69	-9315.49	128.03	75.48	-53.10	-309.90	0.62	-127.15	-46.05	-70.74	68.17	29.49	31.97	38.73	-17.64	-107.24
PITCHRH_SIN			0.00	1928.15	-1233.44	-7.34	-12.15	548.40	4.85	43.75	81.65	-51.57	-237.33	26.63	-47.92	-3.73	25.83	99.59
ROLLRH_COS			7728.07	-1964.80	1308.83	-28.95	30.32	-1955.35	-137.63	31.59	72.23	123.15	241.15	-28.89	13.53	-53.44	56.27	109.95
ROLLRH_SIN			0.00	-9378.38	239.50	173.56	212.13	959.77	-122.67	-103.32	-79.54	-44.70	-15.98	-8.42	-24.91	29.71	-30.90	185.44
TORQ_COS			104945.88	450.46	-20.09	159.32	27.52	-17.18	4.54	-3.38	-7.28	0.53	-8.14	-3.81	1.16	-2.08	-4.65	7.50
TORQ_SIN			0.00	985.75	-108.14	47.01	-115.70	110.68	10.55	56.94	-18.73	-6.87	57.90	4.49	-5.83	3.49	-2.43	0.94
THRUST_COS			5761.21	-124.83	7.08	26.81	-1.13	44.13	9.41	18.48	-0.09	-4.19	2.27	-8.67	-5.57	0.14	-1.18	-12.55
THRUST_SIN			0.00	-151.53	-14.22	-18.73	28.16	-73.37	10.93	19.57	-0.40	3.38	55.42	-1.01	1.63	0.34	5.18	-25.97

RUN	POINT		Harmonics															
	54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-115.63	66.44	-32.49	1.60	-13.92	12.59	9.43	-1.85	-3.44	-4.43	-9.76	0.75	-0.35	1.47	-1.89	-3.10
SIDERH_SIN			0.00	229.33	-7.03	-3.01	-28.40	-148.67	1.86	1.41	3.21	2.22	-4.65	0.40	0.60	-0.84	0.87	-5.21
DRAGRH_COS			-111.19	236.74	20.18	-2.19	8.08	190.32	-12.06	-5.24	-0.99	2.49	-10.97	-0.16	-1.10	-0.41	1.00	5.57
DRAGRH_SIN			0.00	-51.29	19.89	-1.21	9.50	119.95	-0.14	2.05	-6.51	5.71	11.21	-0.08	3.42	0.37	-0.73	-5.98

RUN	POINT		Harmonics															
	54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	1.99	-0.01	0.00	0.00	0.00	0.01	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.04	0.00	0.00	0.00	0.00	-0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-19.81	2.62	-11.33	-4.17	0.68	-1.12	0.48	-0.01	-0.22	-0.04	0.03	0.17	-0.12	0.06	0.00	-0.02
ACT1FORCE_SIN			0.00	28.00	3.31	-3.00	1.32	0.50	-0.18	0.00	0.29	-0.16	-0.05	-0.08	0.00	-0.05	-0.02	-0.10
FA1IBCURRENT_COS			-0.01	-0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.05	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			379.38	325.32	57.81	36.18	-0.89	10.75	-0.04	-0.11	-0.05	-0.01	-0.03	-0.01	0.00	0.00	-0.01	0.00
FA1IBVOLTAGE_SIN			0.00	-272.07	-29.33	11.11	-7.64	-7.15	0.03	-0.09	-0.06	-0.01	0.01	0.00	-0.01	0.00	0.00	0.01
FA1OBCURRENT_COS			0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			426.47	-325.66	-58.33	-36.47	0.96	-10.80	-0.08	0.08	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_SIN			0.00	272.83	29.00	-11.37	7.34	7.17	-0.09	0.07	0.06	0.03	0.00	0.00	0.01	0.00	-0.01	-0.01
MRBLD1CB42P75_COS			-638.24	-1832.14	581.85	-64.13	-100.59	-84.31	-69.76	-31.74	5.95	-19.57	-21.05	16.09	-1.20	-5.35	1.90	2.11
MRBLD1CB42P75_SIN			0.00	2313.83	10.07	151.21	260.00	-93.27	-5.86	-36.25	20.28	26.63	-57.77	16.33	10.10	7.51	-0.77	21.16

RUN	POINT		Harmonics															
	54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4463.28	-1435.61	425.57	-183.22	-41.91	-82.60	-47.78	-23.34	4.57	-9.90	-21.05	10.99	0.84	-2.20	0.67	13.55
MRBLD1CB70_SIN			0.00	1642.54	-44.77	155.62	418.19	-89.36	90.07	-10.43	17.37	27.00	-10.42	8.04	4.70	3.89	-2.79	26.43
MRBLD1CB120_COS			-298.49	-871.24	315.03	-88.77	45.03	-55.76	-23.13	5.54	2.82	5.64	6.23	-10.49	1.83	3.81	1.85	-1.63
MRBLD1CB120_SIN			0.00	991.24	-75.97	126.35	461.44	-30.41	151.01	-28.90	-33.25	-24.32	28.98	-3.09	0.68	-1.10	-1.25	3.26
MRBLD1CB164_COS			-1993.55	-247.20	60.39	-9.92	18.95	-41.84	-13.28	19.76	-2.78	4.91	14.51	-8.01	-0.64	0.15	-3.27	-9.27
MRBLD1CB164_SIN			0.00	332.28	-2.38	64.59	193.24	2.54	73.73	-8.00	-36.65	-32.88	10.60	3.42	2.69	0.98	5.42	-18.10
MRBLD1FB42P75_COS			2467.29	397.04	173.49	611.55	88.01	-75.66	-106.08	-161.35	-66.77	-83.05	-70.71	17.81	-1.08	-1.49	-0.07	35.74
MRBLD1FB42P75_SIN			0.00	-481.80	202.64	445.82	371.11	150.28	23.10	-113.19	-19.73	-27.54	-96.77	13.11	7.02	-3.85	-21.53	15.98
MRBLD1FB70_COS			622.62	103.31	57.02	164.07	19.55	-19.84	-20.19	-17.21	-0.23	0.45	0.92	1.38	0.68	0.51	0.07	-6.49
MRBLD1FB70_SIN			0.00	-249.33	107.39	113.72	109.68	22.49	6.16	-14.50	4.80	6.91	4.35	1.87	1.56	1.55	3.71	-3.87
MRBLD1FB87_COS			85.49	136.03	-12.47	73.10	-0.77	-11.89	-1.41	14.17	11.02	16.86	17.87	-3.56	1.21	0.80	0.28	-7.48
MRBLD1FB87_SIN			0.00	-308.14	95.40	60.12	39.36	4.82	-1.73	8.59	1.23	5.58	23.39	-1.72	0.22	2.45	6.71	-0.72
MRBLD1FB120_COS			-281.86	192.84	-89.26	26.71	-12.62	-19.91	-2.39	16.84	-8.39	-9.50	-10.33	-3.67	-5.14	-1.84	-0.67	11.32
MRBLD1FB120_SIN			0.00	-429.16	134.27	131.64	2.97	16.09	-1.08	27.91	-1.91	-8.85	-13.45	-3.64	-5.43	-6.88	-10.65	1.31
MRBLD1FB164_COS			99.47	-9.00	47.05	54.39	7.21	54.51	41.91	-14.62	4.79	13.96	14.53	-0.97	1.62	-0.40	-2.94	-7.21
MRBLD1FB164_SIN			0.00	-540.92	62.60	271.50	-29.42	-40.37	-23.10	-40.61	4.55	12.06	21.05	-0.95	0.51	2.38	5.32	-0.92

RUN	POINT		Harmonics															
	54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			3.18	-170.92	69.40	17.80	18.29	52.33	22.89	-14.84	8.44	24.14	31.65	-16.50	-13.64	-6.87	-0.46	14.53
MRBLD1FB180_SIN			0.00	-379.19	21.84	150.53	-32.12	-20.90	-14.35	-39.33	9.03	20.14	46.03	-10.20	-9.98	-10.50	-13.18	0.57
MRBLD1TOR51_COS			-1479.91	-57.50	133.79	53.53	-12.10	-6.94	-7.95	-22.82	-4.09	2.39	2.16	-1.48	-2.71	-0.49	3.06	2.09
MRBLD1TOR51_SIN			0.00	-157.12	4.21	118.47	30.11	12.04	-28.81	-14.50	7.24	4.23	8.54	-3.31	-4.47	-5.32	-3.71	3.18
MRBLD1TOR71_COS			-327.57	-23.15	91.97	42.67	-3.92	3.62	2.01	-16.28	-1.76	5.72	2.93	-2.94	-1.28	0.42	1.73	1.44
MRBLD1TOR71_SIN			0.00	-160.82	-8.04	74.51	1.62	11.19	-24.37	-4.60	9.63	6.07	13.08	-4.31	-3.18	-3.57	-1.37	2.01
MRBLD1TOR130_COS			-73.34	-55.25	87.05	25.08	0.60	7.95	3.52	-12.61	0.13	3.69	5.04	-1.62	-0.04	-0.06	-2.53	-1.37
MRBLD1TOR130_SIN			0.00	-127.95	-56.41	54.56	-12.42	4.38	-16.67	-9.60	6.43	0.97	-0.75	1.98	2.94	2.32	2.50	-0.91
MRBLD1TOR164_COS			-285.91	-72.73	52.43	9.61	1.03	-2.67	-4.62	-7.74	0.34	5.28	1.73	-2.47	0.71	0.79	-1.12	-0.16
MRBLD1TOR164_SIN			0.00	-50.29	-60.89	-13.69	-0.02	5.05	-7.65	-2.53	3.49	1.56	3.23	-2.64	-0.07	0.81	0.07	0.00
MRFBM1CB26P5_COS			-884.83	-1246.06	263.06	0.32	-54.53	-2.40	-2.07	-1.31	0.14	-1.90	2.91	1.02	-0.31	-0.23	1.35	-2.14
MRFBM1CB26P5_SIN			0.00	1084.18	102.13	-32.72	-46.87	-17.97	-32.05	-10.99	-0.36	-4.01	-15.83	1.30	0.05	-0.52	-0.77	-0.11
MRFBM1FB9_COS			638.19	-21.06	-257.28	-85.05	16.35	23.18	13.80	2.78	1.90	2.06	-0.97	0.60	0.63	0.18	-0.56	0.58
MRFBM1FB9_SIN			0.00	-372.02	-86.98	-179.15	-54.33	-5.22	7.88	10.75	2.84	2.26	3.90	-0.53	0.28	0.38	0.28	-1.42
MRFBM1TOR26P5_COS			-105.49	70.39	4.42	-0.45	-0.86	0.24	0.18	0.06	0.00	-0.12	-0.08	0.19	-0.03	-0.03	0.08	0.04
MRFBM1TOR26P5_SIN			0.00	-265.45	0.66	1.07	-0.01	0.14	-0.99	-0.08	-0.06	0.03	0.10	0.06	-0.06	-0.06	-0.07	-0.01

RUN	POINT		Harmonics															
	54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			176.80	-1243.40	486.58	19.66	-56.72	-75.89	-74.73	-26.97	9.69	-16.22	-15.60	13.97	0.42	-2.33	4.73	0.11
MRPC1CB33P25_SIN			0.00	1978.82	-34.93	122.19	144.81	-53.74	-15.51	-40.65	-2.93	2.96	-55.27	8.85	6.23	5.24	-2.73	19.82
MRPC1FB33P25_COS			1787.94	344.85	42.53	454.58	0.51	-104.65	-96.25	-84.51	-37.08	-41.29	7.90	8.81	-2.80	1.97	17.96	5.74
MRPC1FB33P25_SIN			0.00	-213.25	172.18	474.51	338.98	97.71	-13.85	-168.53	-55.75	-66.84	-115.09	21.36	4.94	-2.42	-10.36	44.02
MRPC1TOR25P5_COS			-338.62	127.74	-163.69	-26.60	8.27	10.80	6.70	19.75	5.05	3.65	2.98	2.01	4.46	1.34	-4.79	-3.03
MRPC1TOR25P5_SIN			0.00	-78.94	-1.92	-114.00	-13.68	-17.29	38.26	9.81	-10.22	-8.06	-15.12	6.47	9.66	8.68	7.59	1.15
MRPLK1LOAD_COS			1.05	11.90	-21.45	-4.91	-0.29	2.23	-0.42	2.90	1.46	1.04	0.80	-0.60	0.64	0.48	-1.13	-0.69
MRPLK1LOAD_SIN			0.00	-4.03	-1.36	-19.15	-2.27	-2.30	5.25	1.63	-0.84	-0.66	-1.62	-0.11	1.27	1.39	1.13	0.19
PITCHRH_COS			8695.44	-9322.76	68.28	71.82	-15.82	-119.53	149.85	-68.23	-1.30	-80.18	23.06	74.84	14.57	49.27	-34.05	-81.82
PITCHRH_SIN			0.00	2023.79	-1443.87	33.37	-56.61	270.51	-155.02	143.54	225.82	-27.25	-270.02	56.55	-41.27	14.04	3.06	69.97
ROLLRH_COS			10651.30	-2068.56	1463.65	-33.22	-71.88	-1839.01	41.80	-2.58	-272.94	113.37	241.66	-0.41	5.92	-12.44	65.38	73.20
ROLLRH_SIN			0.00	-9422.61	175.48	79.18	208.30	1384.76	-120.12	-147.11	-39.25	-90.20	-57.30	21.01	-55.71	33.88	-3.62	152.45
TORQ_COS			105309.57	475.09	-20.12	131.44	13.70	-19.41	9.46	17.06	-8.01	-3.17	4.39	-5.49	0.42	-0.98	-4.18	7.02
TORQ_SIN			0.00	995.37	-105.22	18.21	-98.49	135.50	7.35	36.00	-15.21	-3.22	60.97	6.17	-4.10	4.65	-1.92	1.24
THRUST_COS			5699.62	-123.46	2.24	17.98	0.14	37.37	6.93	14.08	1.62	-0.28	12.48	-8.67	-3.95	-0.85	-1.90	-12.26
THRUST_SIN			0.00	-148.98	-16.98	-14.27	28.87	-68.15	5.44	12.21	1.28	6.33	55.46	4.66	2.99	0.04	2.41	-26.39

RUN	POINT		Harmonics															
	54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-95.44	65.29	-35.94	4.22	-11.36	-22.65	3.00	-2.93	5.14	-4.49	-10.15	0.07	-0.08	0.46	-2.04	-1.86
SIDERH_SIN			0.00	231.77	-0.56	-3.33	-36.07	-169.38	0.32	1.97	1.06	4.89	-4.03	-0.32	1.82	-0.76	0.19	-3.92
DRAGRH_COS			-121.22	237.68	23.52	0.10	5.17	270.20	-17.28	-3.69	-4.33	5.61	-9.76	-2.28	0.41	-1.38	1.14	4.79
DRAGRH_SIN			0.00	-56.48	17.42	1.05	10.37	145.62	16.32	5.30	-8.58	3.68	10.91	-1.57	3.12	-0.30	-0.10	-5.15

RUN	POINT		Harmonics															
	54	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.07	2.65	-0.05	-0.04	0.00	-0.01	0.01	-0.01	-0.01	-0.02	0.00	0.01	-0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.04	0.00	0.00	-0.02	-0.01	-0.01	0.02	0.03	0.01	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-19.38	3.93	-11.79	-5.41	1.06	-1.00	0.36	0.19	-0.32	-0.14	-0.09	0.28	-0.23	0.07	0.00	-0.01
ACT1FORCE_SIN			0.00	28.36	4.84	-3.30	0.67	0.86	-0.18	0.05	0.61	-0.20	-0.15	-0.05	0.03	-0.01	-0.06	-0.08
FA1IBCURRENT_COS			-0.01	-0.03	0.00	0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	-0.06	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			376.27	395.08	48.46	35.65	-3.52	9.25	-0.02	-0.10	-0.12	0.01	-0.04	-0.06	-0.02	0.02	0.01	0.01
FA1IBVOLTAGE_SIN			0.00	-296.85	-34.24	13.81	-4.90	-11.83	0.06	-0.03	-0.08	-0.07	0.05	0.03	-0.04	-0.01	0.02	-0.01
FA1OBCURRENT_COS			0.02	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			429.79	-395.55	-48.99	-35.96	3.63	-9.31	-0.19	0.05	0.07	-0.03	0.01	0.05	0.02	-0.03	-0.01	0.00
FA1OBVOLTAGE_SIN			0.00	297.77	33.38	-14.15	4.40	11.87	-0.19	0.02	0.06	0.09	-0.04	-0.02	0.05	0.01	-0.01	0.01
MRBLD1CB42P75_COS			-650.76	-2065.15	580.00	-61.73	-88.13	-87.20	-61.03	-37.08	12.85	-8.81	-32.45	28.98	2.53	-3.87	0.86	8.94
MRBLD1CB42P75_SIN			0.00	2373.78	1.75	151.56	217.53	-109.40	0.91	-47.93	14.78	26.55	-74.98	25.01	16.17	10.43	-3.31	23.05

RUN	POINT		Harmonics															
	54	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4472.85	-1606.05	420.43	-186.08	-57.27	-64.17	-35.57	-26.64	9.09	0.68	-23.27	20.35	5.89	-1.27	-0.21	20.62
MRBLD1CB70_SIN			0.00	1676.67	-24.37	128.37	360.69	-96.93	69.56	-19.52	12.41	24.51	-22.21	13.80	8.02	4.54	-4.43	23.05
MRBLD1CB120_COS			-297.05	-955.54	309.87	-108.74	4.10	-22.22	-18.58	-15.75	0.20	1.78	9.48	-15.14	3.16	2.88	2.81	-0.67
MRBLD1CB120_SIN			0.00	1011.96	-61.40	82.39	397.97	-24.50	110.80	-27.99	-36.96	-25.01	37.01	-6.07	-0.84	-2.51	-1.98	3.02
MRBLD1CB164_COS			-1995.99	-253.94	59.04	-29.19	4.40	-20.71	-10.72	11.50	-7.10	-2.00	16.14	-11.28	-1.17	0.43	-1.67	-12.99
MRBLD1CB164_SIN			0.00	338.81	10.05	36.22	164.72	13.04	53.36	-6.28	-37.20	-32.22	17.31	-0.69	1.02	1.17	6.74	-15.45
MRBLD1FB42P75_COS			2440.15	445.21	222.27	496.58	61.46	-62.93	-99.42	-212.23	-61.46	-82.85	-91.66	30.34	0.74	-1.86	-11.16	44.12
MRBLD1FB42P75_SIN			0.00	-515.47	135.66	409.57	271.92	162.13	39.89	-84.75	-25.91	-15.57	-94.63	13.37	12.70	-1.95	-27.46	6.61
MRBLD1FB70_COS			613.20	94.34	74.90	118.13	10.00	-18.02	-18.05	-25.20	1.95	2.38	1.66	1.95	1.66	0.88	1.98	-8.51
MRBLD1FB70_SIN			0.00	-253.49	87.41	101.14	77.02	24.51	7.62	-11.97	2.65	6.48	3.67	1.31	1.07	1.41	4.99	-2.40
MRBLD1FB87_COS			80.01	131.72	-3.09	42.31	-4.75	-11.27	-1.83	18.16	10.29	16.60	23.03	-6.99	1.01	1.38	3.49	-8.32
MRBLD1FB87_SIN			0.00	-309.92	86.93	52.71	26.88	6.86	-1.77	6.69	2.20	3.79	23.51	-2.22	-1.51	1.82	7.76	1.22
MRBLD1FB120_COS			-277.90	201.75	-71.51	-4.25	-5.28	-14.17	-0.67	29.98	-10.46	-11.65	-13.36	-3.18	-6.07	-3.24	-5.05	12.24
MRBLD1FB120_SIN			0.00	-432.20	134.13	120.98	2.84	19.83	-2.91	24.27	2.09	-8.24	-12.30	-2.26	-3.86	-5.98	-12.77	-1.87
MRBLD1FB164_COS			99.48	-64.16	69.80	53.69	10.91	44.82	32.22	-33.74	7.01	17.04	20.23	-3.62	1.55	0.11	-0.28	-8.27
MRBLD1FB164_SIN			0.00	-538.09	1.76	268.01	14.22	-42.94	-22.90	-34.52	-0.25	10.86	20.67	-1.25	-0.76	2.11	7.55	1.28

RUN	POINT		Harmonics															
	54	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			0.24	-227.83	78.93	28.01	19.55	43.28	15.99	-31.01	11.35	27.26	41.93	-24.98	-16.66	-10.75	-6.68	15.58
MRBLD1FB180_SIN			0.00	-370.50	-28.64	147.72	-2.47	-24.50	-14.91	-36.51	6.40	16.66	44.06	-11.50	-10.22	-9.83	-16.20	-3.47
MRBLD1TOR51_COS			-1493.57	-145.79	167.87	69.96	-25.81	-0.65	-13.58	-29.64	-1.26	1.12	2.68	-1.72	-2.96	-2.22	1.91	3.38
MRBLD1TOR51_SIN			0.00	-176.10	-53.14	131.17	34.74	13.63	-27.63	-10.67	8.50	2.98	8.06	-4.30	-3.64	-5.06	-6.20	2.86
MRBLD1TOR71_COS			-338.10	-102.67	122.19	60.75	-16.82	8.70	-3.38	-20.20	0.51	4.73	3.90	-3.51	-1.35	-1.00	1.49	2.29
MRBLD1TOR71_SIN			0.00	-179.48	-60.19	88.10	11.16	11.95	-24.24	-0.99	10.24	3.57	13.10	-5.40	-3.21	-3.74	-2.96	1.59
MRBLD1TOR130_COS			-82.24	-135.54	111.70	49.65	-10.62	11.66	-0.94	-17.46	2.09	3.09	3.81	-0.45	0.60	0.15	-1.69	-1.91
MRBLD1TOR130_SIN			0.00	-146.19	-107.27	69.58	1.79	3.91	-16.08	-6.99	4.64	-1.39	-2.83	2.92	2.88	2.51	3.97	-0.68
MRBLD1TOR164_COS			-291.55	-130.68	63.15	28.64	-5.15	-0.36	-5.40	-8.98	0.75	5.56	1.60	-3.09	0.56	1.08	-0.71	-0.54
MRBLD1TOR164_SIN			0.00	-64.06	-89.27	-2.79	3.44	5.30	-7.06	-0.49	2.05	-0.89	2.91	-2.02	-1.13	0.47	0.84	0.10
MRFBM1CB26P5_COS			-895.88	-1433.10	269.29	14.10	-42.86	-5.92	-4.46	-1.45	0.10	-3.09	-0.01	1.20	-1.33	-0.46	1.30	-1.73
MRFBM1CB26P5_SIN			0.00	1104.48	90.87	-11.76	-42.22	-24.97	-24.80	-11.52	-0.41	-3.24	-16.72	1.64	0.35	-0.22	-1.66	0.88
MRFBM1FB9_COS			597.40	123.86	-292.93	-62.74	14.83	22.09	13.39	5.96	1.54	2.28	-0.88	0.38	0.86	0.31	-0.67	0.17
MRFBM1FB9_SIN			0.00	-439.87	-43.43	-161.90	-41.05	-7.73	5.91	11.71	2.56	1.82	4.56	-1.32	-0.01	0.22	0.59	-1.70
MRFBM1TOR26P5_COS			-105.88	61.24	4.72	-0.25	-0.99	0.32	0.08	0.04	0.01	-0.14	0.01	0.17	-0.04	-0.04	0.04	0.04
MRFBM1TOR26P5_SIN			0.00	-266.59	-0.23	1.34	0.18	0.27	-0.81	-0.07	0.09	0.19	0.16	-0.02	-0.03	-0.05	-0.11	-0.03

RUN	POINT		Harmonics															
	54	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			167.61	-1385.66	475.93	22.05	-36.42	-83.06	-68.38	-37.13	14.04	-10.84	-29.48	22.45	2.71	-1.92	3.28	7.15
MRPC1CB33P25_SIN			0.00	2041.32	-49.60	132.45	117.48	-64.08	-3.85	-47.52	-9.49	4.18	-65.39	13.11	11.09	6.18	-6.53	21.69
MRPC1FB33P25_COS			1762.78	394.92	90.47	364.65	1.93	-96.26	-95.95	-139.03	-33.59	-48.15	-9.75	17.56	-5.44	0.56	16.86	20.66
MRPC1FB33P25_SIN			0.00	-240.43	131.47	421.87	247.14	110.15	2.09	-165.47	-59.56	-59.63	-127.05	28.28	8.96	-1.29	-23.87	45.90
MRPC1TOR25P5_COS			-327.63	208.27	-197.98	-47.28	23.98	2.81	14.59	25.30	1.62	5.04	0.67	3.92	5.70	3.68	-1.47	-3.33
MRPC1TOR25P5_SIN			0.00	-60.95	59.79	-132.56	-23.00	-20.67	35.72	5.54	-13.66	-10.09	-17.50	9.07	8.02	8.09	10.98	2.14
MRPLK1LOAD_COS			2.22	22.27	-25.82	-7.86	1.98	1.19	0.73	3.75	1.10	1.32	0.37	-0.43	0.78	0.82	-0.54	-0.74
MRPLK1LOAD_SIN			0.00	-1.71	6.96	-21.57	-3.30	-2.95	4.95	1.05	-1.71	-1.42	-2.12	0.55	0.99	1.20	1.87	0.45
PITCHRH_COS			6915.12	-9132.41	-72.32	53.46	-26.43	50.77	72.02	-5.97	75.00	-53.91	-61.28	76.68	26.05	32.91	-6.69	-59.63
PITCHRH_SIN			0.00	2220.53	-1525.49	40.20	-30.67	65.86	-205.96	119.33	62.54	4.92	-227.08	42.38	-17.64	-18.70	-0.45	90.35
ROLLRH_COS			12477.99	-2138.95	1669.89	-61.08	-114.19	-1268.94	102.00	41.04	-86.30	70.50	222.39	6.22	-16.47	-58.39	28.99	182.40
ROLLRH_SIN			0.00	-9158.02	92.50	129.02	161.83	1421.64	-220.28	-78.46	-69.96	-88.92	-126.76	2.28	-36.80	44.36	-7.33	152.77
TORQ_COS			105358.29	494.51	-31.99	133.24	6.64	17.17	12.33	7.18	-7.96	-2.40	21.20	-1.28	1.32	-1.00	-4.50	4.40
TORQ_SIN			0.00	879.27	-117.08	10.49	-74.77	200.99	3.33	42.22	-15.98	-2.36	57.93	5.58	-5.95	4.48	-0.42	-0.43
THRUST_COS			5645.03	-102.86	-0.06	20.13	-3.18	36.74	4.10	15.97	0.02	0.71	23.16	0.60	-0.68	-0.89	1.56	-19.29
THRUST_SIN			0.00	-106.53	-26.32	-13.49	25.61	-72.90	2.44	10.61	3.22	3.76	52.20	4.05	1.60	1.58	1.98	-22.11

RUN	POINT		Harmonics															
	54	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-83.59	66.80	-43.25	3.47	6.21	-41.57	-4.69	-2.63	0.75	-2.89	-10.91	-0.15	0.41	1.76	-0.85	-5.08
SIDERH_SIN			0.00	229.77	0.45	-5.75	-48.94	-144.12	4.03	2.25	3.02	4.89	-0.86	0.56	0.72	-1.11	0.13	-4.04
DRAGRH_COS			-137.58	235.84	28.62	0.90	0.90	211.74	-5.16	-0.79	-3.43	3.22	-4.98	-2.13	-1.50	-0.92	0.69	3.45
DRAGRH_SIN			0.00	-62.45	12.75	-1.11	8.59	148.02	29.61	3.57	-5.07	2.11	8.68	-1.69	3.24	0.22	-0.13	-6.14

RUN	POINT		Harmonics															
	54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-0.99	0.00	0.00	0.00	0.00	0.01	0.00	-0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-19.06	-4.51	-8.60	0.34	-0.70	-0.07	0.23	0.04	-0.44	0.06	0.22	0.19	-0.05	-0.09	-0.07	-0.19
ACT1FORCE_SIN			0.00	14.66	-3.67	-2.44	1.76	0.24	0.28	0.54	0.02	0.01	-0.16	0.08	0.17	0.02	0.11	-0.07
FA1IBCURRENT_COS			-0.01	-0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			363.15	-185.24	72.99	-1.68	2.67	0.57	0.02	-0.02	0.01	-0.04	0.02	0.01	-0.03	0.01	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	-63.78	22.45	30.66	-8.11	1.59	0.01	0.00	-0.04	0.00	0.00	0.05	0.00	-0.01	0.01	-0.02
FA1OBCURRENT_COS			0.02	0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			442.59	185.60	-73.09	1.58	-2.69	-0.53	-0.03	0.03	-0.01	0.04	-0.01	-0.02	0.03	-0.01	0.02	0.00
FA1OBVOLTAGE_SIN			0.00	63.87	-22.53	-30.64	8.08	-1.56	-0.01	-0.01	0.03	-0.01	-0.01	-0.05	0.00	0.01	-0.01	0.02
MRBLD1CB42P75_COS			-689.11	-1625.40	479.80	-70.51	-77.32	-81.76	-75.91	7.83	8.58	-30.12	21.04	6.45	-1.27	-3.90	-6.43	-2.21
MRBLD1CB42P75_SIN			0.00	1502.94	54.82	82.31	206.70	-47.73	-24.53	-71.60	21.33	16.92	-99.00	9.97	11.27	8.48	-1.74	30.13

RUN	POINT		Harmonics															
	54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4441.15	-1205.84	346.34	-121.68	38.77	-121.52	-96.09	2.00	8.57	-21.12	-8.55	4.30	1.15	-1.19	-7.53	8.34
MRBLD1CB70_SIN			0.00	1122.53	-100.90	180.56	276.33	-70.23	23.69	-39.81	15.01	23.53	-48.87	0.93	5.15	3.53	-3.80	37.97
MRBLD1CB120_COS			-293.44	-703.78	271.67	5.22	102.26	-116.25	-84.69	13.27	-3.65	12.26	-10.51	-7.27	1.57	2.84	3.87	-3.14
MRBLD1CB120_SIN			0.00	798.66	-124.70	163.06	331.13	-51.88	45.82	-42.20	-34.99	-30.40	58.86	-0.57	0.06	0.12	-1.92	3.23
MRBLD1CB164_COS			-1984.58	-256.88	58.00	65.09	30.93	-67.73	-35.70	5.74	-7.70	16.03	6.02	-5.77	-1.16	0.28	0.85	-4.18
MRBLD1CB164_SIN			0.00	288.93	-51.26	89.40	143.78	-27.60	23.37	0.83	-42.95	-38.70	47.07	6.77	0.92	0.73	6.63	-24.98
MRBLD1FB42P75_COS			2507.53	394.18	87.62	907.93	-21.10	-72.63	-115.22	-110.18	-91.78	-100.37	6.78	7.51	1.45	7.26	-5.02	46.94
MRBLD1FB42P75_SIN			0.00	-283.03	449.99	309.56	509.46	181.28	20.71	-233.79	-12.34	-70.46	-128.32	8.37	3.51	-4.91	-21.99	30.02
MRBLD1FB70_COS			627.30	106.75	26.72	273.40	-14.70	-18.27	-22.86	-7.92	-2.18	-1.53	0.78	1.51	0.71	-0.07	1.26	-8.73
MRBLD1FB70_SIN			0.00	-250.19	187.91	73.94	143.95	30.47	3.66	-36.12	5.98	5.06	1.80	2.25	2.01	1.80	4.64	-6.72
MRBLD1FB87_COS			85.15	115.15	-26.43	144.28	-21.13	-14.66	-1.36	8.06	14.17	20.07	0.69	-0.42	0.81	-1.10	1.43	-9.95
MRBLD1FB87_SIN			0.00	-309.57	132.90	46.81	58.42	5.18	-2.66	20.11	0.34	14.29	32.53	-0.37	1.53	3.17	7.07	-3.17
MRBLD1FB120_COS			-294.12	134.73	-114.01	139.55	-17.26	-21.69	5.68	5.61	-4.92	-7.06	-6.85	-6.74	-3.85	0.10	-2.20	15.60
MRBLD1FB120_SIN			0.00	-442.74	132.06	130.73	17.20	1.87	2.17	56.79	-6.34	-8.87	-15.64	-5.25	-6.93	-7.73	-11.88	4.58
MRBLD1FB164_COS			46.95	219.04	-25.88	99.29	75.73	50.11	31.28	4.70	1.24	8.17	3.53	4.93	1.32	-4.41	-1.24	-7.64
MRBLD1FB164_SIN			0.00	-583.19	295.72	232.68	-66.04	-33.02	-15.09	-80.66	8.92	14.34	21.99	0.96	4.13	2.45	3.30	-2.91

RUN	POINT		Harmonics															
	54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-30.98	72.89	30.26	12.27	54.15	50.17	17.72	-4.38	4.02	30.64	-0.15	-14.59	-13.80	-5.73	-2.45	19.02
MRBLD1FB180_SIN			0.00	-412.87	213.99	137.40	-61.40	-17.40	-5.00	-70.93	3.51	28.20	65.57	-10.04	-16.60	-13.83	-15.53	5.38
MRBLD1TOR51_COS			-1483.17	296.20	39.46	28.62	17.16	-17.41	15.79	-15.10	-8.37	4.08	-3.07	-2.35	-1.41	1.10	3.13	1.70
MRBLD1TOR51_SIN			0.00	-137.75	227.28	60.80	13.51	16.60	-37.33	-44.81	-0.15	1.19	8.01	-2.13	-5.64	-5.55	-4.10	5.38
MRBLD1TOR71_COS			-329.93	308.63	10.99	7.47	24.68	-4.92	24.81	-13.77	-4.24	6.71	-5.46	-3.29	-0.47	0.93	2.13	0.77
MRBLD1TOR71_SIN			0.00	-131.16	196.50	23.84	-14.73	14.19	-30.36	-28.43	2.78	4.76	12.89	-1.89	-4.53	-3.72	-1.58	3.42
MRBLD1TOR130_COS			-78.37	288.18	19.68	-28.19	31.56	1.91	21.15	-7.10	-2.28	3.62	6.91	-2.79	-0.42	-1.23	-2.61	-2.00
MRBLD1TOR130_SIN			0.00	-99.87	140.72	12.89	-33.28	8.17	-22.73	-29.00	1.92	-3.77	0.67	4.33	2.34	2.90	3.06	-1.13
MRBLD1TOR164_COS			-283.72	173.52	22.44	-42.66	7.09	-3.67	4.70	-6.66	2.04	3.78	-1.97	-2.17	0.90	-0.19	-0.80	-0.04
MRBLD1TOR164_SIN			0.00	-22.87	50.01	-32.55	-14.63	9.02	-11.30	-11.98	2.01	2.88	2.20	-1.59	-0.17	0.94	-0.55	0.44
MRFBM1CB26P5_COS			-897.83	-931.48	217.46	-51.08	-46.63	4.81	7.60	3.23	0.29	-1.30	11.53	0.78	-0.11	0.28	2.11	-2.11
MRFBM1CB26P5_SIN			0.00	617.19	124.35	-81.63	-15.72	-5.69	-18.08	-12.89	0.40	-5.81	-12.30	1.94	0.29	-0.11	-1.03	-0.26
MRFBM1FB9_COS			636.17	-98.32	-172.34	-166.84	30.17	24.43	11.11	-4.30	2.66	1.58	-3.45	0.49	0.39	0.05	-0.59	1.13
MRFBM1FB9_SIN			0.00	-29.47	-245.11	-173.35	-63.68	-7.24	10.42	13.62	3.53	3.64	2.66	-0.03	0.21	-0.05	0.45	-2.03
MRFBM1TOR26P5_COS			-107.26	81.41	3.06	-0.36	0.00	-0.16	0.25	-0.07	-0.17	-0.04	-0.11	0.16	-0.02	0.02	0.06	0.07
MRFBM1TOR26P5_SIN			0.00	-262.77	3.02	0.30	-0.43	0.13	-0.91	-0.29	-0.01	0.08	0.12	-0.08	-0.05	-0.09	-0.09	-0.05

RUN	POINT		Harmonics															
	54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			137.67	-1253.59	416.81	-34.63	-90.14	-51.89	-66.34	0.86	10.49	-17.33	20.32	6.50	1.99	-1.21	-0.84	-3.58
MRPC1CB33P25_SIN			0.00	1327.09	49.12	20.36	157.22	-20.37	-26.88	-69.76	4.07	-8.84	-76.39	8.50	7.24	6.61	-3.66	26.57
MRPC1FB33P25_COS			1827.37	318.02	-60.07	725.08	-119.34	-109.98	-104.34	6.16	-57.50	-33.60	84.15	4.79	1.29	7.32	15.35	-0.30
MRPC1FB33P25_SIN			0.00	-43.83	354.74	413.16	428.50	124.38	-18.40	-242.35	-59.12	-107.87	-93.48	12.74	4.61	3.62	-15.85	61.55
MRPC1TOR25P5_COS			-337.90	-233.84	-69.49	11.87	-27.77	22.86	-18.27	16.10	10.34	0.27	12.55	2.54	2.10	-2.51	-5.05	-4.38
MRPC1TOR25P5_SIN			0.00	-108.68	-236.03	-51.49	4.49	-18.87	47.20	41.52	-2.07	-6.27	-14.73	7.65	10.90	9.81	7.83	1.58
MRPLK1LOAD_COS			0.67	-34.20	-9.27	-0.25	-5.27	4.26	-3.39	2.56	2.60	0.41	1.78	-0.44	0.33	-0.32	-1.01	-1.10
MRPLK1LOAD_SIN			0.00	-7.68	-32.48	-10.32	-0.05	-2.69	6.57	6.04	0.00	-0.44	-1.58	0.68	1.46	1.67	1.26	0.47
PITCHRH_COS			10316.88	-9236.73	101.93	201.87	-38.17	-390.20	120.08	-109.61	-23.55	-13.05	71.61	-3.42	65.71	6.26	-23.13	-148.69
PITCHRH_SIN			0.00	1686.98	-761.43	-68.83	-83.50	1345.93	9.60	41.73	195.96	-77.89	-302.33	40.13	-30.27	8.18	-5.65	93.39
ROLLRH_COS			2625.50	-1839.89	901.54	-45.24	-77.77	-2769.96	-46.49	55.23	-157.56	146.18	176.98	-10.66	26.45	-90.30	49.28	150.16
ROLLRH_SIN			0.00	-9209.88	225.03	251.96	100.72	872.06	-64.13	-89.88	-83.37	-47.10	-16.06	-12.63	-6.42	4.63	-11.49	187.46
TORQ_COS			105139.01	423.75	0.31	125.24	-2.98	-30.66	8.62	-0.04	-11.71	0.10	-23.11	-3.46	1.60	-1.04	-4.66	7.36
TORQ_SIN			0.00	1042.97	-80.72	142.61	-98.05	-15.72	12.73	56.77	-15.52	-5.80	57.71	1.15	-6.07	5.50	-1.51	1.93
THRUST_COS			5749.46	-124.73	10.56	37.67	1.64	48.18	6.00	18.39	5.24	-3.81	-15.47	-3.51	-4.49	1.40	2.03	-14.56
THRUST_SIN			0.00	-188.35	14.02	-10.31	21.40	-82.53	7.23	20.13	-1.88	4.17	52.42	1.58	-0.06	4.28	0.36	-28.90

RUN	POINT		Harmonics															
	54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-143.91	58.52	-24.32	5.04	15.66	91.80	6.15	-1.82	1.19	-6.03	-6.15	-0.04	-1.05	2.47	-1.59	-3.97
SIDERH_SIN			0.00	233.17	-12.96	0.51	-23.88	-150.46	-9.93	3.44	2.53	2.91	-4.85	0.94	-0.02	-0.26	0.04	-5.25
DRAGRH_COS			-93.80	238.31	6.49	-4.49	4.57	63.03	-41.69	1.06	-1.38	-2.46	-10.75	1.35	-2.01	0.31	1.52	7.06
DRAGRH_SIN			0.00	-53.88	21.21	-1.18	5.34	107.47	4.64	0.28	-10.55	6.35	8.64	-1.12	3.15	-1.12	0.24	-5.53

RUN	POINT		Harmonics															
	54	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-1.99	-0.01	0.00	0.00	0.00	0.01	0.01	-0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00
FLAP1C_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	-0.01	-0.01	0.01	0.00	0.00	0.00
ACT1DISP_COS			2.65	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-19.77	-6.54	-8.67	1.98	-0.73	-0.04	0.14	0.30	-0.51	0.07	0.24	0.21	0.03	-0.10	-0.06	-0.26
ACT1FORCE_SIN			0.00	13.17	-5.80	-3.00	2.46	0.11	0.31	0.64	0.13	0.17	-0.30	0.06	0.18	0.06	0.13	-0.01
FA1IBCURRENT_COS			-0.01	-0.01	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			370.21	-321.00	62.49	-14.96	2.19	-0.93	0.01	0.00	0.01	-0.07	0.06	0.04	-0.02	0.03	-0.02	-0.01
FA1IBVOLTAGE_SIN			0.00	-0.06	34.59	28.82	-13.12	2.78	-0.01	0.03	-0.07	0.01	-0.02	0.07	0.01	-0.01	0.01	-0.04
FA1OBCURRENT_COS			0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.04	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			435.54	321.61	-62.60	14.78	-2.25	1.00	-0.05	0.01	-0.02	0.07	-0.06	-0.04	0.02	-0.03	0.02	0.01
FA1OBVOLTAGE_SIN			0.00	-0.17	-34.98	-28.76	13.04	-2.71	-0.01	-0.03	0.07	0.00	0.02	-0.07	-0.01	0.01	0.00	0.04
MRBLD1CB42P75_COS			-671.09	-1580.18	469.53	-71.95	-76.30	-79.02	-81.53	-2.82	10.64	-26.94	25.52	-14.67	2.92	-6.16	-8.60	-2.00
MRBLD1CB42P75_SIN			0.00	1252.80	110.43	71.90	178.03	-27.09	-23.47	-87.61	21.25	11.63	-98.55	4.92	12.08	10.72	0.47	30.00

RUN	POINT		Harmonics															
	54	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4461.91	-1154.03	329.64	-93.01	48.66	-122.63	-121.83	-6.21	9.47	-19.35	-13.67	-10.53	3.32	-1.07	-7.26	6.46
MRBLD1CB70_SIN			0.00	973.85	-96.07	195.35	212.55	-68.21	4.97	-49.09	13.70	18.40	-46.52	-1.48	6.36	3.67	-2.05	38.66
MRBLD1CB120_COS			-264.87	-665.03	259.83	46.14	99.34	-117.08	-114.43	10.17	-10.13	10.53	-12.40	3.80	-0.68	4.53	5.02	-3.70
MRBLD1CB120_SIN			0.00	753.97	-130.30	180.00	275.52	-75.36	11.14	-45.30	-39.47	-27.80	58.83	0.40	0.44	0.86	-1.77	3.09
MRBLD1CB164_COS			-1977.00	-266.75	52.37	92.81	24.09	-69.49	-43.28	8.33	-12.79	14.02	9.13	2.53	-2.39	-0.53	0.25	-2.78
MRBLD1CB164_SIN			0.00	273.40	-66.27	94.74	121.41	-47.85	5.39	7.57	-46.01	-33.84	47.45	9.28	-0.88	1.12	5.42	-25.21
MRBLD1FB42P75_COS			2532.86	395.78	94.84	972.06	-92.77	-67.75	-127.42	-151.89	-106.80	-98.12	15.39	-4.56	7.06	11.27	-0.27	47.28
MRBLD1FB42P75_SIN			0.00	-234.85	548.78	274.65	570.99	189.20	25.84	-277.26	-14.23	-78.74	-146.61	4.19	-2.66	3.13	-15.90	31.11
MRBLD1FB70_COS			627.45	113.81	29.35	301.59	-36.14	-15.45	-26.53	-16.06	-4.71	-2.95	-0.68	1.17	-0.42	-0.78	0.59	-8.47
MRBLD1FB70_SIN			0.00	-260.36	223.90	61.17	158.80	31.85	3.95	-43.58	6.25	4.33	1.47	2.48	2.13	0.47	3.42	-7.08
MRBLD1FB87_COS			80.20	115.78	-23.05	165.25	-29.45	-13.95	-0.81	12.05	16.60	20.05	-1.11	3.86	-0.64	-2.04	0.18	-10.56
MRBLD1FB87_SIN			0.00	-320.01	149.84	39.02	65.03	3.17	-5.03	22.53	-0.02	15.23	35.75	0.08	3.10	1.58	5.98	-3.04
MRBLD1FB120_COS			-308.39	120.91	-116.94	171.93	-16.35	-24.61	10.77	16.54	-2.00	-5.26	-5.06	-8.24	-1.64	1.50	0.00	16.26
MRBLD1FB120_SIN			0.00	-459.16	134.45	122.71	19.04	-4.12	-0.11	66.85	-7.22	-8.23	-16.06	-6.30	-8.37	-5.93	-10.42	4.77
MRBLD1FB164_COS			27.07	301.34	-34.15	105.22	106.80	48.15	26.77	-11.89	-4.28	4.34	1.36	9.74	-0.22	-6.01	-1.63	-6.95
MRBLD1FB164_SIN			0.00	-605.79	378.84	214.28	-86.94	-32.97	-9.26	-96.51	10.63	14.98	21.73	2.16	6.21	0.49	1.07	-2.14

RUN	POINT		Harmonics															
	54	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-41.90	154.84	26.36	6.85	71.32	51.56	14.52	-22.18	-0.66	30.68	-2.62	-6.06	-12.05	-2.97	0.91	19.81
MRBLD1FB180_SIN			0.00	-428.31	279.51	132.48	-76.22	-18.04	1.23	-84.69	1.08	27.88	73.50	-10.43	-17.50	-13.09	-13.90	6.03
MRBLD1TOR51_COS			-1480.52	416.15	14.51	10.98	21.45	-21.59	21.57	-23.72	-11.75	5.55	-4.63	-1.27	-0.42	2.37	3.47	1.51
MRBLD1TOR51_SIN			0.00	-129.73	310.82	45.27	2.97	20.31	-37.51	-51.60	-1.26	0.98	8.93	-1.72	-6.08	-5.14	-2.47	5.46
MRBLD1TOR71_COS			-330.25	421.83	-11.99	-11.61	30.87	-9.03	30.36	-20.89	-7.18	7.79	-7.49	-1.65	-0.28	2.09	2.39	0.31
MRBLD1TOR71_SIN			0.00	-121.12	271.44	9.77	-24.44	17.35	-29.92	-32.03	2.34	5.17	14.00	-0.91	-4.78	-3.48	-0.55	3.67
MRBLD1TOR130_COS			-79.91	404.66	-0.48	-51.41	39.56	-1.52	24.49	-12.70	-5.45	4.31	6.83	-3.56	-0.81	-1.30	-2.81	-2.25
MRBLD1TOR130_SIN			0.00	-88.80	210.77	2.11	-43.75	11.25	-21.90	-32.52	2.02	-3.84	0.78	3.74	2.31	2.83	2.24	-1.23
MRBLD1TOR164_COS			-282.73	256.36	10.41	-61.63	5.48	-3.29	5.12	-7.99	1.48	4.01	-2.54	-1.41	0.44	-0.88	-0.70	0.60
MRBLD1TOR164_SIN			0.00	-10.15	87.57	-35.77	-21.58	11.91	-11.25	-13.44	3.14	3.06	2.37	-1.33	0.51	1.20	-1.60	0.67
MRFBM1CB26P5_COS			-866.80	-851.76	213.24	-71.98	-40.46	2.20	12.83	1.68	1.28	-0.79	14.90	0.62	0.38	-0.04	1.76	-1.87
MRFBM1CB26P5_SIN			0.00	481.22	151.42	-91.92	-4.88	0.66	-12.22	-14.40	0.35	-5.51	-12.80	1.33	0.29	0.61	-0.56	-0.50
MRFBM1FB9_COS			681.20	-135.49	-172.43	-185.70	38.83	23.77	10.01	-4.39	2.84	1.20	-3.97	0.52	0.00	0.22	-0.47	1.12
MRFBM1FB9_SIN			0.00	62.61	-317.41	-170.31	-66.33	-7.08	11.57	16.99	3.86	3.72	2.52	0.72	0.00	-0.16	0.26	-2.09
MRFBM1TOR26P5_COS			-107.37	85.77	2.86	-0.43	0.23	-0.20	0.46	-0.16	-0.17	-0.04	-0.12	0.18	0.00	0.03	0.07	0.08
MRFBM1TOR26P5_SIN			0.00	-261.71	3.90	0.11	-0.67	0.16	-0.92	-0.32	-0.04	0.08	0.12	-0.06	-0.06	-0.08	-0.05	-0.05

RUN	POINT		Harmonics															
	54	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			144.26	-1265.66	418.18	-54.18	-100.67	-47.10	-64.38	-7.81	11.97	-14.74	28.51	-5.67	5.10	-2.93	-2.23	-3.46
MRPC1CB33P25_SIN			0.00	1111.65	112.33	-0.85	157.13	-2.60	-24.07	-82.82	4.26	-12.57	-78.50	6.07	7.27	10.15	-1.16	25.88
MRPC1FB33P25_COS			1849.43	308.96	-66.02	786.13	-191.87	-106.49	-116.84	-8.37	-66.78	-27.94	101.04	-2.36	8.97	3.69	12.42	-2.55
MRPC1FB33P25_SIN			0.00	-2.53	430.89	394.64	464.09	131.83	-17.31	-292.92	-66.13	-111.95	-100.46	1.73	5.03	11.40	-9.01	62.17
MRPC1TOR25P5_COS			-339.93	-356.94	-44.42	34.02	-34.95	27.87	-26.03	24.87	13.52	-1.04	14.89	-0.50	0.44	-4.23	-5.85	-5.27
MRPC1TOR25P5_SIN			0.00	-120.54	-322.66	-34.31	15.40	-21.36	48.18	46.98	-0.40	-5.46	-15.69	6.80	11.42	9.65	5.60	1.36
MRPLK1LOAD_COS			0.29	-50.12	-6.27	2.71	-6.20	4.98	-4.45	3.89	3.09	0.18	2.06	-0.77	0.04	-0.55	-1.14	-1.25
MRPLK1LOAD_SIN			0.00	-9.30	-43.93	-7.90	1.31	-3.05	6.69	6.88	0.36	-0.33	-1.65	0.54	1.60	1.69	0.81	0.45
PITCHRH_COS			10890.74	-9267.15	66.27	216.05	-28.21	-551.01	46.24	-108.19	-23.43	56.91	41.36	-6.91	70.96	19.94	-32.75	-154.28
PITCHRH_SIN			0.00	1594.37	-569.00	-57.89	-93.89	1757.21	63.34	7.33	137.15	-99.86	-316.65	9.57	-9.79	-20.74	15.66	112.54
ROLLRH_COS			323.50	-1707.06	680.70	-29.45	-100.36	-3159.87	-28.85	36.16	-159.79	122.52	132.60	-16.11	23.57	-68.95	21.44	128.92
ROLLRH_SIN			0.00	-9190.12	221.58	268.78	77.77	408.22	-106.54	-80.05	-113.43	-1.31	-21.06	-21.38	16.26	-13.68	23.71	219.94
TORQ_COS			105824.23	395.72	21.31	111.67	6.55	-12.04	4.65	8.98	-13.10	0.46	-37.76	-5.16	3.29	-2.57	-3.97	7.37
TORQ_SIN			0.00	1056.14	-77.03	168.73	-106.94	-81.55	12.74	58.13	-18.34	-5.83	63.77	1.81	-4.45	2.84	-2.52	2.78
THRUST_COS			5863.98	-125.54	4.99	37.75	0.04	52.04	6.04	21.06	5.46	-5.16	-23.14	-3.12	-3.57	0.28	-0.04	-13.06
THRUST_SIN			0.00	-196.48	21.07	-5.82	16.77	-89.12	9.04	18.50	-0.39	2.57	55.55	1.81	-0.62	2.18	-1.05	-31.81

RUN	POINT		Harmonics															
	54	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-159.15	57.49	-14.61	5.63	26.59	143.41	6.47	-1.63	1.37	-4.63	-3.24	0.03	-0.80	1.87	-0.63	-3.11
SIDERH_SIN			0.00	232.25	-14.78	4.26	-21.24	-134.47	-7.20	1.57	2.66	1.47	-4.34	0.89	-0.59	0.24	-0.89	-6.16
DRAGRH_COS			-84.38	239.50	2.63	-5.11	2.55	-25.49	-35.25	-3.59	1.04	-7.69	-6.76	0.92	-2.85	0.10	1.59	7.07
DRAGRH_SIN			0.00	-50.14	25.18	0.18	5.01	104.55	4.11	1.19	-9.76	7.09	9.58	0.21	1.53	0.65	-0.69	-5.94

RUN	POINT		Harmonics															
	54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C_COS			0.04	-2.98	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00
FLAP1C_SIN			0.00	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	-0.02	-0.01	0.00	0.00	0.00	0.01
ACT1DISP_COS			2.65	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1DISP_SIN			0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACT1FORCE_COS			-20.12	-7.12	-7.74	2.71	-0.90	-0.18	0.11	0.14	-0.32	0.10	0.10	0.22	0.16	-0.03	0.06	-0.26
ACT1FORCE_SIN			0.00	12.11	-6.42	-3.09	3.18	-0.13	0.49	0.28	0.21	0.11	-0.41	-0.11	0.09	0.11	0.14	0.12
FA1IBCURRENT_COS			-0.01	0.00	0.01	0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBCURRENT_SIN			0.00	0.06	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1IBVOLTAGE_COS			374.37	-419.66	49.69	-22.75	3.39	-0.87	-0.09	0.06	-0.03	-0.06	0.08	0.09	-0.02	0.01	-0.02	-0.06
FA1IBVOLTAGE_SIN			0.00	76.66	38.70	20.98	-16.42	5.18	-0.10	0.09	-0.01	0.02	-0.02	0.08	0.05	-0.01	0.07	-0.02
FA1OBCURRENT_COS			0.02	0.00	-0.01	-0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBCURRENT_SIN			0.00	-0.06	0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FA1OBVOLTAGE_COS			431.53	420.44	-49.69	22.50	-3.46	0.95	0.00	-0.04	0.00	0.06	-0.09	-0.08	0.02	-0.01	0.02	0.06
FA1OBVOLTAGE_SIN			0.00	-77.24	-39.73	-20.90	16.22	-5.08	0.03	-0.07	0.01	-0.01	0.02	-0.08	-0.05	0.01	-0.06	0.02
MRBLD1CB42P75_COS			-685.46	-1736.48	398.21	-50.34	-9.97	-108.37	-85.94	-12.37	21.37	-23.74	-14.76	-3.41	3.54	-1.18	-15.25	16.81
MRBLD1CB42P75_SIN			0.00	843.23	57.41	43.04	193.48	-12.33	-15.27	-81.49	16.10	24.50	-104.12	1.92	9.93	13.05	0.15	28.15

RUN	POINT		Harmonics															
	54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1CB70_COS			4457.87	-1209.77	283.27	-56.29	134.34	-157.08	-120.57	-1.33	17.81	-16.77	-30.06	-2.77	3.09	1.36	-13.46	30.08
MRBLD1CB70_SIN			0.00	723.56	-156.19	218.89	178.65	-70.68	11.61	-48.94	10.95	29.51	-50.87	-4.85	5.81	5.03	-0.58	32.42
MRBLD1CB120_COS			-267.97	-638.90	246.29	90.84	183.60	-140.81	-109.21	28.70	-21.35	-2.17	13.50	1.22	2.01	3.96	4.35	-2.32
MRBLD1CB120_SIN			0.00	664.84	-172.99	196.68	227.29	-88.33	6.61	-50.67	-35.86	-35.00	66.83	3.72	0.41	0.06	-3.81	4.44
MRBLD1CB164_COS			-1978.40	-266.52	50.35	126.11	55.43	-80.25	-40.06	18.09	-25.02	2.98	24.07	1.15	-1.30	0.51	5.67	-17.51
MRBLD1CB164_SIN			0.00	257.58	-85.82	101.34	106.31	-54.51	3.51	6.90	-43.80	-42.76	57.42	12.04	-2.08	-0.30	6.73	-22.14
MRBLD1FB42P75_COS			2547.08	446.72	57.04	1160.27	8.88	-27.16	-119.54	-148.39	-108.23	-128.27	-16.65	-1.68	5.59	11.62	-24.99	59.98
MRBLD1FB42P75_SIN			0.00	-163.33	616.73	120.85	616.02	238.41	48.28	-254.90	22.06	-49.83	-112.60	2.87	-3.92	2.95	-7.09	-0.84
MRBLD1FB70_COS			631.72	95.90	17.50	360.55	-7.45	-11.84	-25.21	-15.46	-2.41	-1.69	0.38	2.31	1.08	-0.23	5.52	-11.58
MRBLD1FB70_SIN			0.00	-264.61	240.93	17.12	172.55	43.00	7.12	-42.83	7.51	4.75	1.16	1.99	2.22	0.30	1.78	-0.99
MRBLD1FB87_COS			85.53	91.65	-26.66	201.41	-20.42	-14.09	-1.65	10.73	15.75	25.26	7.57	3.21	0.89	-1.27	6.92	-11.26
MRBLD1FB87_SIN			0.00	-317.82	159.10	20.93	73.58	7.97	-4.85	20.94	-5.54	8.91	26.96	-0.15	2.21	0.94	3.09	3.22
MRBLD1FB120_COS			-303.18	77.08	-129.94	228.65	-22.71	-22.45	12.00	15.03	-4.54	-6.99	-10.17	-9.97	-5.33	-1.53	-10.90	17.23
MRBLD1FB120_SIN			0.00	-451.46	142.78	118.28	27.50	-5.63	3.35	69.29	-4.62	-4.33	-10.39	-3.29	-6.10	-4.68	-6.71	-5.23
MRBLD1FB164_COS			22.81	337.97	-62.31	159.54	92.19	51.89	20.69	-9.98	1.95	6.63	7.96	10.72	2.48	-6.43	2.44	-7.45
MRBLD1FB164_SIN			0.00	-608.42	444.67	201.16	-111.73	-48.41	-17.83	-103.68	9.84	12.38	13.60	-0.25	6.84	1.78	-0.14	2.76

RUN	POINT		Harmonics															
	54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRBLD1FB180_COS			-46.95	207.71	13.76	29.46	58.64	54.70	13.73	-21.05	2.44	41.03	17.45	-11.20	-18.77	-9.74	-11.83	20.87
MRBLD1FB180_SIN			0.00	-430.90	330.27	128.60	-95.45	-30.65	-4.47	-87.30	-1.93	18.88	58.77	-3.24	-11.14	-9.07	-8.70	-5.91
MRBLD1TOR51_COS			-1481.12	515.26	-6.09	18.90	40.04	-23.93	19.82	-32.88	-11.35	8.13	-2.26	-2.68	-3.04	-0.52	-0.42	3.98
MRBLD1TOR51_SIN			0.00	-142.51	373.19	20.58	1.09	26.39	-40.15	-52.18	-1.33	0.05	7.98	-1.50	-5.49	-5.50	-4.02	4.61
MRBLD1TOR71_COS			-330.10	518.85	-27.31	-14.43	42.17	-10.98	29.62	-28.58	-5.56	11.63	-2.75	-2.98	-2.05	0.30	0.94	2.11
MRBLD1TOR71_SIN			0.00	-127.85	331.32	-9.68	-28.45	19.91	-34.32	-33.78	0.88	3.42	13.00	-0.04	-4.92	-4.41	-1.75	3.16
MRBLD1TOR130_COS			-80.61	507.61	-12.77	-64.79	46.27	-3.75	24.49	-18.76	-4.65	4.58	6.49	-1.87	0.68	0.61	0.00	-2.36
MRBLD1TOR130_SIN			0.00	-95.73	269.17	-10.56	-51.22	11.88	-26.87	-33.82	1.59	-5.57	-0.29	5.06	1.70	2.77	3.56	-0.22
MRBLD1TOR164_COS			-281.80	332.49	8.59	-83.95	9.52	-4.88	5.40	-11.95	2.20	4.86	-1.09	-1.87	0.80	-0.43	-0.94	1.37
MRBLD1TOR164_SIN			0.00	-12.92	121.36	-39.98	-24.75	14.57	-12.63	-13.94	2.39	2.19	2.01	0.05	0.55	1.20	-1.72	0.08
MRFBM1CB26P5_COS			-840.95	-881.21	191.15	-89.93	-37.97	-2.10	9.21	-4.44	1.51	-2.20	8.28	0.53	0.33	-0.34	0.43	-2.22
MRFBM1CB26P5_SIN			0.00	253.90	128.31	-112.40	17.42	4.37	-12.66	-13.36	-0.36	-5.43	-13.18	1.11	-0.21	0.53	-1.91	0.14
MRFBM1FB9_COS			665.95	-20.61	-132.94	-245.79	26.59	23.69	11.64	-3.65	4.15	2.58	-2.13	0.42	0.21	0.39	0.04	-0.19
MRFBM1FB9_SIN			0.00	167.43	-337.96	-152.30	-78.34	-14.87	9.72	16.49	3.03	3.66	3.17	0.51	0.00	-0.20	1.05	-2.65
MRFBM1TOR26P5_COS			-107.36	77.20	2.66	-0.28	0.37	-0.14	0.31	-0.23	-0.15	-0.02	-0.10	0.15	-0.03	-0.03	0.00	0.02
MRFBM1TOR26P5_SIN			0.00	-263.88	4.24	-0.18	-0.59	0.27	-0.95	-0.30	0.00	0.09	0.10	-0.18	-0.03	-0.08	-0.07	-0.08

RUN	POINT		Harmonics															
	54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MRPC1CB33P25_COS			112.18	-1451.73	348.43	-50.98	-64.31	-62.17	-68.36	-16.81	12.69	-18.00	-2.71	0.25	4.62	1.17	-9.51	12.60
MRPC1CB33P25_SIN			0.00	770.92	84.52	-52.56	186.47	18.11	-17.20	-74.49	1.21	-6.18	-76.98	3.43	5.18	10.94	-3.32	24.86
MRPC1FB33P25_COS			1861.33	352.12	-111.36	967.67	-118.02	-87.45	-118.36	-18.26	-87.76	-67.42	56.58	1.52	8.89	5.02	-8.51	36.37
MRPC1FB33P25_SIN			0.00	60.89	489.79	294.21	521.07	180.93	3.92	-273.68	-39.64	-108.81	-96.62	0.24	1.06	11.10	-24.45	56.10
MRPC1TOR25P5_COS			-338.91	-473.90	-25.67	31.48	-51.05	28.76	-22.44	35.51	12.63	-5.94	9.49	3.95	6.06	1.37	0.56	-2.37
MRPC1TOR25P5_SIN			0.00	-116.25	-386.25	-12.49	19.66	-27.71	49.86	48.72	-0.19	-6.65	-16.20	6.90	9.45	10.08	6.88	2.96
MRPLK1LOAD_COS			0.38	-64.91	-3.95	1.75	-8.64	5.03	-3.88	5.28	2.97	-0.27	1.55	-0.34	0.88	0.42	0.04	-0.64
MRPLK1LOAD_SIN			0.00	-8.68	-52.52	-4.50	2.06	-4.41	7.23	6.93	-0.10	-0.53	-1.74	1.10	1.29	1.54	1.14	0.94
PITCHRH_COS			9254.23	-9135.92	28.76	228.49	-52.56	-136.76	106.81	-56.08	16.97	35.84	-70.74	-9.80	62.69	6.07	-11.92	-107.15
PITCHRH_SIN			0.00	1908.47	-434.14	-88.75	-107.60	2205.81	127.73	50.82	274.46	-111.45	-339.01	6.88	-45.12	-37.91	24.95	192.34
ROLLRH_COS			-2347.56	-1966.75	468.25	-19.62	-8.88	-3382.83	-21.45	-1.67	-205.02	114.12	110.00	-21.34	39.05	-67.40	34.17	236.31
ROLLRH_SIN			0.00	-9139.93	212.98	298.20	-9.75	929.63	-37.07	-63.34	-2.44	-62.44	-85.81	-25.09	20.49	23.21	-17.59	17.65
TORQ_COS			106179.61	374.32	27.98	104.42	-71.86	29.56	8.57	44.81	-23.35	-3.75	-11.28	-0.72	1.89	1.07	-4.53	10.50
TORQ_SIN			0.00	1058.68	-69.98	188.16	-121.42	-90.78	11.54	48.71	-6.71	-8.39	58.01	0.20	-5.74	5.03	-1.36	-0.25
THRUST_COS			5834.27	-124.06	10.48	38.95	9.52	43.70	7.28	28.64	6.58	-4.55	-1.83	-1.87	-2.58	0.40	1.01	-31.82
THRUST_SIN			0.00	-208.16	29.06	-6.21	21.35	-115.64	6.71	8.08	-4.45	4.82	48.77	1.05	0.46	1.08	0.49	-21.85

RUN	POINT		Harmonics															
	54	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIDERH_COS			-172.86	66.99	-6.93	7.32	15.27	150.00	8.74	-2.87	2.52	-3.88	-4.18	0.57	-1.29	1.92	-1.04	-5.85
SIDERH_SIN			0.00	232.37	-20.24	4.79	-13.70	-159.56	-8.49	3.13	0.25	3.84	-1.53	1.53	-0.79	-0.89	0.55	-0.48
DRAGRH_COS			-90.88	233.36	-0.54	-4.19	1.64	-73.23	-38.08	4.71	-2.16	-5.46	-4.05	2.37	-2.43	0.31	0.70	4.05
DRAGRH_SIN			0.00	-61.44	27.74	-2.57	1.95	79.29	-7.16	5.86	-9.20	9.44	12.59	0.05	3.92	1.31	-1.06	-10.34