

**BOLETIM  
SISMOLÓGICO  
PRELIMINAR  
DO CONTINENTE E  
MADEIRA**

**Boletim Sismológico Preliminar do Continente e Madeira**  
Editado — 2018

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**Divisão de Geofísica**

## **BOLETIM SISMOLÓGICO PRELIMINAR DO CONTINENTE E DA MADEIRA**

# **FEVEREIRO DE 2018**

### **LEGENDA**

Est	Código da estação
P	Polaridade do 1º movimento da P (c - compressão / d - dilatação)
Fase	e - Emersus / i - Impetus, seguido da descrição da fase
h:m:s	Hora, minuto e segundo (tempo de chegada)
Dur	Duração em segundos (medida na componente vertical)
Amp	Amplitude máxima ( $\mu\text{m}$ ) medida na componente vertical - (Z)
Per	Período (seg) correspondente a Amp
Co	Instrumento e componente (código SEED simplificado [ac] - ver página seguinte)
Lat	Latitude epicentral
Lon	Longitude epicentral
Prof	Profundidade em km (* - fixada pelo Geofísico)
Ho	Hora na origem (formato hh:mm:ss.s)
Mag	Magnitude: local (ML, ml); duração (MD, md); MB - ondas P; MS - ondas superficiais; MW - magnitude momento sísmico
Rms	Erro médio quadrático
AxMax	Semi-eixo maior da elipse de confiança (90%), em km
AxMin	Semi-eixo menor da elipse de confiança (90%), em km
ErrZ	Erro da profundidade focal (90%), em km
Ang	Azimute do eixo maior da elipse de confiança (°)
Região	Região epicentral
Int	Intensidade máxima (Escala Mercalli Modificada, 1956)
#	Erro no relógio

Nota: hipocentros e estimativas de erro calculados com o programa *hypocent* (Lienert, B.; Berg, E.; Frazer, N., (1986), *Hypocenter: An Earthquake Location Method Using Centered, Scaled, and Adaptively Damped Least Squares*, Bull. Seism. Soc. Amer., Vol. 76, No. 3, pp 771-783)

## Lista de Estações

<b>Estação</b>	<b>Local</b>	<b>Sensor/Dinam</b>	<b>Canais</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Alt</b>	<b>Org</b>
PGAV	Gavieira	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 57.92'N	08°16.19 'W	1084 m	IPMA
PBRG	Bragança	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 48.29'N	06° 44.48'W	691 m	IPMA
PCAB	Cabril	LE3D-5s/ 24 bits	EH*, SH*	41° 42.61'N	08° 01.62'W	577 m	IPMA
POLO	Lamas de Olo	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 22.43'N	07°47.25 'W	1060 m	IPMA
PVRL	Vila Real	LE3D-5s/ 20 bits	SH*	41° 16.53'N	07° 42.97'W	660 m	IPMA
MVO	Moncorvo	CMG-3T/ 24 bits	HH*,BH*,LH*	41° 09.87'N	07° 01.73'W	550 m	IPMA
PTO	Porto	LE3D-1s/ 20 bits	SH*	41° 08.31'N	08° 36.13'W	88 m	IPMA
PVIS	Viseu	LE3D-5s/ 24 bits	EH*,SH*	40° 42.94'N	07° 53.68'W	720 m	IPMA
MTE	Manteigas	STS2/ 24 bits	HH*,BH*,LH*	40° 24.20'N	07° 31.20'W	815 m	IPMA/GEOFON
COI	Coimbra	STS2/ 24bits	HH*,BH*,LH*	40° 12.48'N	08° 24.74'W	140 m	IGUC
PCAS	Casmilo	CMG-3T/ 24 bits	HH*,BH*,LH*	40° 03.17'N	08° 29.90'W	343 m	IPMA
PCBR	Castelo Branco	LE3D-5s/ 24 bits	EH*,SH*	39° 50.42'N	07° 28.65'W	380 m	IPMA
PSBE	São Bento	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 30.85'N	08° 47.73'W	510 m	IPMA
PMRV	Marvão	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 25.70'N	07° 23.50'W	430 m	IPMA
ALMR	Almeirim	L43D-1s/ 16 bits	EH*	39° 09.33'N	08° 34.61'W	165 m	IGIDL
PMTG	Montargil	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 04.14'N	08°13.52 'W	190 m	IPMA
PAZA	Azambuja	CMG-40T/ 24 bits	BH*	38° 04.49'N	08° 54.42'W	51 m	IST
PMAFR	Tapada de Mafra	STS2/ 24 bits	HH*,BH*,LH*	38° 57.32'N	09° 16.96'W	329 m	IPMA
PESTR	Estremoz	CMG-3T/ 24 bits	HH*,BH*,LH*	38° 52.03'N	07° 35.41'W	410 m	IPMA
INMG	Lisboa	CMG-5T/ 24 bits	HN*	38° 46.46'N	09° 07.54'W	93 m	IPMA
PACT	Alcochete	CMG-40T/ 24 bits	BH*	38° 46.08'N	08° 50.00'W	30 m	IST
PMST	Monsanto	CMG-40T/ 24 bits	BH*	38° 44.21'N	09° 11.00'W	172 m	IST
GGNV	Lisboa	CMG-40T/ 16 bits	BH*	38° 42.99'N	09° 08.95'W	77 m	IGIDL
MOE	Montemor	S13/ 12 bits	EH*	38° 32.11'N	08° 21.20'W	120 m	IPMA
EVO	Évora	STS2/ 24 bits	HH*,BH*,LH*	38° 31.92'N	08° 00.78'W	235 m	UE
PSES	Sesimbra	CMG-40T/ 24 bits	HH*,BH*	38° 26.27'N	09° 07.18'W	87 m	IST
PBAR	Barrancos	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	38° 10.47'N	07° 02.34'W	205 m	IPMA
PNCL	Nicolau	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	38° 06.71'N	08°31.74 'W	120 m	IPMA
PBEJ	Beja	LE3D-5s/ 24 bits	EH*,SH*	38° 01.58'N	07° 51.98'W	270 m	IPMA
MESJ	Messejana	STS2/ 24 bits	HH*,BH*	37° 50.37'N	08° 13.19'W	250 m	IGIDL
PCVE	Castro Verde	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	37° 37.97'N	08°02.34 'W	225 m	IPMA
PTEO	São Teotónio	LE3D-5s/ 24 bits	EH*,SH*	37° 32.73'N	08° 43.45'W	119 m	IPMA
PVAQ	Vaqueiros	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	37° 24.22'N	07°43.04 'W	200 m	IPMA
MORF	Marmelete	CMG-40T/ 24 bits	HH*,BH*,LH*	37° 18.38'N	08° 39.05'W	650 m	IGIDL
PBDV	Barranco do Velho	CMG-3T/ 24 bits	HH*,BH*,LH*	37° 14.58'N	07° 55.87'W	471 m	IPMA
PFVI	Vila do Bispo	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	37° 07.97'N	08° 49.61'W	189 m	IPMA
PMPs	Porto Santo	LE3D-5s/ 20 bits	SH*	33° 03.42'N	16° 19.98'W	47 m	IPMA
PMPST	Porto Santo	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	33° 04.73'N	16° 20.00'W	242 m	IPMA
PMOZ	Porto Moniz	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	32° 49.38'N	17° 11.83'W	1027 m	IPMA
PMAR	Madeira	CMG-3T/ 24 bits	HH*,BH*,LH*	32° 43.42'N	16° 54.82'W	1605 m	IPMA
FUL	Funchal	LE3D-1s/ 20 bits	SH*	32° 38.86'N	16° 53.53'W	58 m	IPMA

PTAV	Tavira	AC-xx/ 22 bits	HN*	37° 07.51'N	07° 39.28'W	25 m	IST/IPMA
PFARO	Faro	AC-xx/ 22 bits	HN*	37° 01.55'N	07° 55.34'W	18 m	IST/IPMA
PSVI	Sagres	AC-xx/ 22 bits	HN*	37° 00.72'N	08° 56.98'W	61 m	IST/IPMA
PPOR	Portimão	AC-xx/ 22bits	HN*	37° 07.99'N	08° 32.01'W	3 m	IST/IPMA
PALJ	Aljezur	AC-xx/ 22bits	HN*	37° 19.10'N	08° 47.88'W	24 m	IST/IPMA
PLAGO	Lagos	AC-xx/ 22 bits	HN*	37° 05.75'N	08° 41.27'W	50 m	IST/IPMA
PALBU	Albufeira	AC-xx/ 22 bits	HN*	37° 05.75'N	08° 14.91'W	84 m	IST/IPMA
PSETU	Setúbal	AC-xx/ 22 bits	HN*	38° 32.23'N	08° 52.01'W	48 m	IST/IPMA
PVERD	Verdizela	AC-xx/ 22 bits	HN*	38° 34.94'N	09° 09.38'W	71 m	IST/IPMA
PBEN	Benavente	AC-xx/ 22 bits	HN*	38° 56.97'N	08° 49.59'W	42 m	IST/IPMA
PSANT	Santarém	AC-xx/ 22 bits	HN*	39° 14.53'N	08° 41.57'W	131 m	IST/IPMA
PCASC	Cascais	AC-xx/22 bits	HN*	38° 46.36'N	09° 29.14'W	229 m	IST/IPMA
PSINE	Sines	AC-xx/22 bits	HN*	37° 57.48'N	08° 51.75'W	50 m	IST/IPMA
PVFX	Vila Franca de Xira	AC-xx/22 bits	HN*	38° 57.17'N	08° 59.35'W	9 m	IST/IPMA
PCDRA	Caldas da Rainha	AC-xx/22 bits	HN*	39° 24.61'N	09° 08.19'W	56 m	IST/IPMA

**Sensores:** LE3D - Lennartz LE3D, 1 e 5 seg; AC-xx - Geosig; CMG-5T - Guralp 5T  
CMG-40T - Guralp CMG-40T, 30 seg; STS2 - Streckheisen STS-2, 120 seg; CMG-3T - Guralp  
CMG-3T, 120 seg; CMG-3ESPc - Guralp CMG-3ESP Compact, 120 seg

**Dinam:** Dinâmica do registo (nota: [&] – registo analógico)

**Canais:** Códigos SEED [abc]: a - banda (E - extremely short period; S - short period; H - high broadband;  
B - broadband; L - long period);  
b - sensibilidade do sensor (H- alto ganho; L- baixo ganho; N- strong-motions;  
c - componentes (Z-Vertical; \* - Vertical, Norte - Sul e Este - Oeste)

IPMA - Instituto Português do Mar e da Atmosfera  
IGIDL - Instituto Geofísico da Universidade de Lisboa  
IGUC - Instituto Geofísico da Universidade de Coimbra  
IGUL - Instituto Geofísico da Universidade de Lisboa  
GEOFON - Rede Sismográfica Broadband, Potsdam  
UE - Universidade de Évora  
IST - Instituto Superior Técnico

**Listagem de Hipocentros dos Sismos Próximos**

Data	Hora	Lat	Lon	Prof	Mag	Região	Rms	Int
01-02-2018	02:11:01.7	35.451°N	03.741°W	8*	1.9 ml	NE Al Hoceima (MARR)	0.5	
01-02-2018	02:31:20.8	37.797°N	08.885°W	2*	0.9 ml	S Sines	0.3	
01-02-2018	03:40:37.6	36.565°N	04.548°W	81	2.1 ml	SW Malaga (ESP)	0.4	
01-02-2018	03:46:07.0	37.139°N	08.045°W	20	0.9 ml	NW Loulé	0.3	
01-02-2018	04:15:42.6	38.775°N	07.946°W	13	3.1 ml	NE Arraiolos	0.5	III/IV
01-02-2018	11:42:08.7	36.765°N	09.689°W	21	1.7 ml	SW Cabo S.Vicente	0.4	
01-02-2018	11:50:07.6	36.539°N	09.725°W	16	1.6 ml	SW Cabo S.Vicente	0.3	
02-02-2018	02:49:18.3	36.937°N	04.662°W	22	1.8 ml	NW Malaga (ESP)	0.3	
02-02-2018	04:53:36.1	37.125°N	04.031°W	10	2.1 ml	W Granada (ESP)	0.4	
03-02-2018	04:31:12.5	40.315°N	02.927°W	14	2.4 ml	SE Guadalajara (ESP)	0.4	
03-02-2018	04:43:08.5	38.781°N	07.981°W	10	0.9 ml	NE Arraiolos	0.3	
03-02-2018	05:01:29.8	37.034°N	04.322°W	4	2.0 ml	NE Malaga (ESP)	0.4	
03-02-2018	07:50:57.4	37.048°N	04.337°W	3	2.0 ml	NE Malaga (ESP)	0.3	
03-02-2018	09:29:33.2	41.076°N	07.993°W	0*	0.7 ml	SW Resende	0.3	
03-02-2018	09:48:32.1	37.889°N	03.252°W	12	2.1 ml	NW Almeria (ESP)	0.4	
03-02-2018	17:19:39.0	36.872°N	08.954°W	30	1.0 ml	SE Cabo S.Vicente	0.3	
03-02-2018	18:51:09.7	37.856°N	03.168°W	21	1.9 ml	NW Almeria (ESP)	0.4	
03-02-2018	21:29:42.2	36.365°N	08.978°W	2	1.4 ml	S Cabo S.Vicente	0.4	
03-02-2018	21:35:32.2	42.122°N	07.496°W	7	1.2 ml	SE Ourense (ESP)	0.3	
04-02-2018	00:03:04.8	42.100°N	08.121°W	19	2.0 ml	E Melgaço	0.3	
04-02-2018	08:22:22.1	36.844°N	07.339°W	28	1.3 ml	Golfo de Cádiz	0.4	
04-02-2018	08:54:38.4	38.998°N	09.060°W	7	0.9 ml	NE Arruda dos Vinhos	0.3	
04-02-2018	16:04:38.1	41.585°N	05.972°W	5	1.1 ml	NW Zamora (ESP)	0.2	
04-02-2018	16:47:50.2	38.782°N	07.963°W	4	1.1 ml	NE Arraiolos	0.3	
04-02-2018	19:01:55.2	43.326°N	07.132°W	14	1.5 ml	NE Lugo (ESP)	0.3	
05-02-2018	09:20:33.8	37.312°N	08.545°W	14	1.0 ml	E Monchique	0.2	
05-02-2018	11:49:33.5	36.947°N	08.144°W	0*	1.3 ml	SE Albufeira	0.2	
06-02-2018	01:11:31.4	35.410°N	03.777°W	18*	1.7 ml	NE Al Hoceima (MARR)	0.3	
06-02-2018	04:04:54.1	37.338°N	02.095°W	12	2.8 ml	SE Almeria (ESP)	0.4	
06-02-2018	07:01:27.9	36.912°N	03.814°W	14	2.3 ml	SW Granada (ESP)	0.4	
06-02-2018	09:22:27.3	39.549°N	08.365°W	2*	1.4 ml	SE Tomar	0.3	
06-02-2018	12:44:59.6	37.559°N	06.095°W	1*	1.4 ml	NW Sevilha (ESP)	0.3	
06-02-2018	14:26:34.7	39.457°N	02.558°W	18	2.9 ml	SW Cuenca (ESP)	0.4	
06-02-2018	20:22:13.3	37.163°N	03.694°W	2*	2.5 ml	NW Granada (ESP)	0.4	
07-02-2018	01:25:02.0	37.289°N	08.543°W	14	1.0 ml	SE Monchique	0.3	
07-02-2018	01:31:53.2	35.433°N	03.672°W	17*	2.3 ml	NE Al Hoceima (MARR)	0.5	
07-02-2018	09:02:01.6	36.175°N	08.539°W	13*	1.9 ml	SE Cabo S.Vicente	0.4	
07-02-2018	10:09:43.3	36.615°N	10.506°W	19*	2.2 ml	Gorringe	0.4	
07-02-2018	11:20:52.9	36.412°N	07.794°W	12*	1.5 ml	Golfo de Cádiz	0.4	
07-02-2018	15:06:25.1	43.406°N	08.354°W	16	2.4 ml	NE Coruna (ESP)	0.5	
07-02-2018	17:03:49.2	38.844°N	08.326°W	22	1.5 ml	SW Mora	0.3	
07-02-2018	18:16:53.0	35.805°N	04.810°W	90	2.0 ml	Alboran	0.4	
08-02-2018	10:52:58.3	38.946°N	09.229°W	7	1.8 ml	E Mafra	0.4	
08-02-2018	16:04:13.0	37.298°N	08.569°W	10	0.8 ml	SW Monchique	0.3	
08-02-2018	23:02:12.7	40.989°N	00.909°W	12	2.2 ml	NE Teruel (ESP)	0.4	
08-02-2018	23:15:30.1	36.962°N	05.271°W	18	1.6 ml	SE Sevilha (ESP)	0.4	
09-02-2018	01:39:08.7	36.583°N	11.085°W	12	1.7 ml	Gorringe	0.4	
09-02-2018	02:02:18.8	36.660°N	11.242°W	31	2.2 ml	Gorringe	0.4	
09-02-2018	02:17:00.5	36.306°N	08.964°W	19	2.1 ml	S Cabo S.Vicente	0.3	
09-02-2018	03:10:38.4	38.770°N	07.972°W	11	0.9 ml	NE Arraiolos	0.2	
09-02-2018	03:10:24.6	38.767°N	07.951°W	7	0.7 ml	NE Arraiolos	0.3	
09-02-2018	05:37:50.1	36.644°N	09.714°W	31	2.8 ml	SW Cabo S.Vicente	0.3	
09-02-2018	14:04:30.4	37.319°N	08.670°W	10	0.7 ml	W Monchique	0.2	
09-02-2018	15:32:58.0	35.591°N	04.554°W	89	2.2 ml	Alboran	0.4	
09-02-2018	16:57:34.5	33.117°N	04.863°W	18	2.8 ml	SE Fez (Marr)	0.6	
09-02-2018	21:28:51.9	35.774°N	10.339°W	32	2.0 ml	Mar de Marrocos	0.4	
10-02-2018	21:21:27.3	38.371°N	08.703°W	0*	0.7 ml	W Alcácer do Sal	0.3	
10-02-2018	23:08:51.2	37.505°N	07.657°W	17	1.0 ml	S Mértola	0.3	
11-02-2018	01:17:11.3	37.251°N	08.572°W	11	0.9 ml	SW Monchique	0.4	
11-02-2018	03:48:07.5	36.865°N	09.021°W	29	2.4 ml	SW Cabo S.Vicente	0.4	
11-02-2018	05:32:12.5	36.575°N	12.678°W	10*	2.0 ml	Gorringe	0.5	
11-02-2018	08:07:24.0	36.759°N	04.406°W	81	2.1 ml	NW Malaga (ESP)	0.6	
11-02-2018	10:14:56.8	37.046°N	13.758°W	10*	2.0 ml	Josephine	0.5	
11-02-2018	11:12:21.3	36.562°N	07.577°W	19	1.4 ml	Golfo de Cádiz	0.4	
11-02-2018	11:56:23.6	37.401°N	13.732°W	0*	2.0 ml	Josephine	0.4	

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11-02-2018	13:47:19.8	39.071°N	08.812°W	3*	0.9 ml	E Azambuja	0.3
11-02-2018	19:50:09.4	36.563°N	07.595°W	20	1.2 ml	Golfo de Cádiz	0.6
12-02-2018	00:25:04.5	38.782°N	09.507°W	2*	1.0 ml	W Sintra	0.3
12-02-2018	01:01:43.3	36.106°N	04.659°W	90	1.8 ml	Alboran	0.3
12-02-2018	03:08:32.1	46.630°N	00.602°W	2*	3.3 ml	France	0.4
12-02-2018	03:35:39.5	38.820°N	07.980°W	18	1.9 ml	N Arraiolos	0.3
12-02-2018	15:30:04.5	37.507°N	07.609°W	20	0.8 ml	NW Alcoutim	0.2
12-02-2018	17:24:23.7	32.300°N	17.138°W	11*	2.1 ml	SW Ribeira Brava (Madeira)	0.2
12-02-2018	22:06:38.2	36.728°N	09.629°W	22	1.8 ml	SW Cabo S.Vicente	0.3
13-02-2018	00:17:04.2	32.311°N	17.162°W	9*	1.6 ml	SW Ribeira Brava (Madeira)	0.1
13-02-2018	01:13:29.1	35.446°N	04.116°W	1*	1.8 ml	NW Al Hoceima (MARR)	0.4
13-02-2018	04:27:34.0	30.334°N	08.199°W	29*	2.6 ml	Morocco	0.4
13-02-2018	16:40:24.3	36.600°N	09.732°W	17	1.6 ml	SW Cabo S.Vicente	0.2
13-02-2018	17:44:33.7	36.346°N	08.124°W	15	1.7 ml	SW Faro	0.4
13-02-2018	21:52:27.8	37.264°N	07.919°W	3*	0.5 ml	NW S.Brás de Alportel	0.2
13-02-2018	22:14:55.1	30.248°N	09.195°W	25*	2.5 ml	Morocco	0.5
14-02-2018	03:59:16.5	42.692°N	02.192°W	17	2.3 ml	NE Logrones (ESP)	0.4
14-02-2018	04:29:14.2	37.879°N	03.157°W	13	1.8 ml	NW Almeria (ESP)	0.4
14-02-2018	05:33:14.2	37.872°N	03.243°W	15	2.5 ml	NW Almeria (ESP)	0.5
14-02-2018	05:46:28.2	36.995°N	04.272°W	12	2.1 ml	NE Malaga (ESP)	0.4
14-02-2018	06:12:21.8	37.049°N	04.221°W	16	2.1 ml	NE Malaga (ESP)	0.4
14-02-2018	06:50:42.4	37.039°N	04.254°W	14	1.9 ml	NE Malaga (ESP)	0.4
14-02-2018	08:26:53.5	42.327°N	00.630°E	12	3.5 ml	Pirinéus (ESP)	0.4
14-02-2018	09:29:07.7	42.314°N	00.623°E	1*	2.7 ml	Pirinéus (ESP)	0.4
15-02-2018	00:23:20.5	35.481°N	05.077°W	62	1.9 ml	SE Tetuan (MARR)	0.4
15-02-2018	03:18:05.5	36.477°N	08.152°W	16	1.5 ml	SW Faro	0.4
15-02-2018	03:29:03.7	37.327°N	08.513°W	12	0.3 ml	NE Monchique	0.2
15-02-2018	05:06:29.1	36.513°N	09.707°W	15	1.1 ml	SW Cabo S.Vicente	0.3
15-02-2018	12:54:35.5	36.227°N	07.892°W	23	1.9 ml	Golfo de Cádiz	0.3
15-02-2018	23:19:54.2	36.677°N	07.180°W	21	1.7 ml	Golfo de Cádiz	0.4
16-02-2018	20:37:24.6	44.381°N	08.383°W	11	1.9 ml	Mar Cantábrico	0.4
16-02-2018	22:27:35.5	36.775°N	06.548°W	31*	1.4 ml	Golfo de Cádiz	0.2
17-02-2018	01:42:00.7	39.057°N	09.008°W	10	1.7 ml	NE Alenquer	0.3
17-02-2018	02:06:31.1	35.507°N	03.751°W	6	1.8 ml	Alboran	0.4
18-02-2018	04:38:38.9	35.463°N	03.786°W	21	2.4 ml	NE Al Hoceima (MARR)	0.4
18-02-2018	04:52:24.1	37.030°N	04.076°W	9	1.9 ml	NE Malaga (ESP)	0.3
18-02-2018	20:41:36.4	35.370°N	03.587°W	29*	2.4 ml	NE Al Hoceima (MARR)	0.3
18-02-2018	20:46:03.7	36.786°N	10.634°W	32*	1.6 ml	Gorringe	0.3
18-02-2018	21:55:22.5	36.560°N	07.625°W	18	1.3 ml	Golfo de Cádiz	0.3
18-02-2018	23:38:17.4	38.400°N	01.274°W	1*	2.6 ml	NW Murcia (ESP)	0.4
18-02-2018	23:42:57.2	42.230°N	07.922°W	9*	1.0 ml	SW Ourense (ESP)	0.2
19-02-2018	04:37:13.0	37.760°N	03.120°W	17	2.0 ml	NW Almeria (ESP)	0.4
19-02-2018	06:04:20.6	36.790°N	11.173°W	34*	1.8 ml	Gorringe	0.4
19-02-2018	07:31:11.8	36.742°N	08.375°W	5*	1.0 ml	SW Albufeira	0.3
19-02-2018	15:42:03.5	38.866°N	11.331°W	10*	2.4 ml	Abissal do Tejo	0.4
19-02-2018	19:58:45.5	35.517°N	03.836°W	3*	2.5 ml	Alboran	0.4
19-02-2018	21:50:45.1	37.326°N	08.556°W	13*	0.8 ml	NE Monchique	0.2
19-02-2018	22:33:24.4	36.797°N	11.185°W	23*	2.0 ml	Gorringe	0.4
20-02-2018	00:17:27.0	37.443°N	08.511°W	15	1.2 ml	NE Monchique	0.3
20-02-2018	15:30:03.3	35.377°N	03.710°W	18	2.0 ml	NE Al Hoceima (MARR)	0.4
20-02-2018	16:52:21.6	41.992°N	06.330°W	3*	1.2 ml	NE Bragança	0.4
20-02-2018	21:36:15.8	38.118°N	01.125°W	12	2.5 ml	N Murcia (ESP)	0.4
21-02-2018	00:39:14.2	37.261°N	08.683°W	23	0.9 ml	SW Monchique	0.2
21-02-2018	13:22:53.9	37.326°N	08.573°W	16	1.1 ml	NW Monchique	0.2
21-02-2018	15:33:16.2	36.580°N	07.482°W	18	1.5 ml	Golfo de Cádiz	0.3
21-02-2018	18:50:54.5	36.231°N	08.187°W	31	2.2 ml	SW Faro	0.4
21-02-2018	22:23:26.0	38.142°N	08.048°W	10	0.7 ml	NE Ferreira do Alentejo	0.2
22-02-2018	18:48:04.7	38.222°N	07.977°W	7	1.9 ml	SE Alvito	0.4
23-02-2018	00:52:44.4	37.871°N	03.241°W	12	2.5 ml	NW Almeria (ESP)	0.5
23-02-2018	13:04:22.3	39.935°N	06.095°W	1	1.4 ml	S Plasencia (ESP)	0.7
23-02-2018	15:10:15.6	36.897°N	08.307°W	10	1.0 ml	SW Albufeira	0.3
23-02-2018	15:40:35.0	41.063°N	08.422°W	14	1.2 ml	NW Castelo de Paiva	0.4
23-02-2018	19:53:41.5	36.777°N	11.104°W	31*	1.4 ml	Gorringe	0.5
23-02-2018	21:47:38.0	36.612°N	11.294°W	31	2.4 ml	Gorringe	0.5
23-02-2018	21:53:19.3	36.559°N	09.779°W	14	1.1 ml	SW Cabo S.Vicente	0.4
23-02-2018	22:41:09.8	37.592°N	08.910°W	14	1.4 ml	W Odemira	0.4
24-02-2018	00:53:06.9	35.662°N	09.956°W	41*	1.3 ml	Mar de Marrocos	0.4
24-02-2018	04:15:49.7	43.484°N	09.922°W	5*	2.0 ml	Spain	0.4
24-02-2018	05:16:32.0	29.492°N	17.484°W	14*	3.5 ml	Canary Islands, Spain Reg	0.3
24-02-2018	07:31:18.7	36.973°N	03.977°W	54	1.6 ml	SW Granada (ESP)	0.3
24-02-2018	10:52:09.7	38.781°N	07.971°W	12	1.4 ml	NE Arraiolos	0.3

II

24-02-2018	15:34:16.6	36.699°N	09.632°W	19	1.2 ml	SW Cabo S.Vicente	0.3
24-02-2018	19:02:10.1	37.114°N	09.565°W	24	1.1 ml	W Cabo S.Vicente	0.2
25-02-2018	00:27:45.9	38.783°N	07.952°W	6*	0.6 ml	NE Arraiolos	0.3
26-02-2018	04:08:60.0	36.698°N	09.745°W	16	1.5 ml	SW Cabo S.Vicente	0.4
26-02-2018	13:31:19.8	44.883°N	03.328°W	50*	2.9 ml	Mar Cantábrico	0.2
26-02-2018	13:43:38.2	37.456°N	06.782°W	2*	1.2 ml	NE Huelva (ESP)	0.4
26-02-2018	22:51:28.2	42.944°N	08.537°W	1*	1.6 ml	N Santiago Compostela (E)	0.3
27-02-2018	00:01:57.2	40.432°N	08.385°W	5	1.1 ml	E Anadia	0.4
27-02-2018	00:56:42.1	42.118°N	07.778°W	3	1.6 ml	SE Ourense (ESP)	0.3
27-02-2018	01:58:36.0	42.117°N	07.770°W	0	1.2 ml	SE Ourense (ESP)	0.3
27-02-2018	11:58:04.6	36.376°N	08.997°W	6	1.5 ml	S Cabo S.Vicente	0.3
27-02-2018	15:11:29.7	36.475°N	09.847°W	32	1.8 ml	SW Cabo S.Vicente	0.4
27-02-2018	23:58:59.2	44.386°N	08.756°W	16	1.9 ml	Mar Cantábrico	0.3
28-02-2018	00:07:27.2	36.467°N	04.891°W	66	1.9 ml	Alboran	0.3
28-02-2018	13:29:02.4	36.976°N	08.749°W	18	2.2 ml	SW Lagos	0.3

**01-Fev Ho 02:11:01.7 ML 1.9**  
**Lat 35.451°N Lon 03.741°W Prof 8\***  
**Região: NE Al Hoceima (MARR) Rms 0.5**  
**AxMax 3.0 AxMin 2.6 Ang 45 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	02:11:59.83		HE		
	e S	02:12:41.46		HE		
PBAR	e P	02:11:59.68		HZ	0.001	0.8
	e S	02:12:42.90		HE		
PBDV	e P	02:11:59.69		HZ		
	e S	02:12:43.68		HE		
PCVE	e S	02:12:50.29		HE		
MESJ	e P	02:12:07.07		HZ	0.002	0.9
	e S	02:12:55.86		HN		
MORF	e P	02:12:07.17		HZ	0.004	0.7
	e S	02:12:56.30		HE		
PFVI	e S	02:12:57.44		HE		
PTEO	e S	02:13:00.63		EE		
PESTR	e S	02:13:04.05		HE		
PNCL	e P	02:12:11.45		HZ		
	e S	02:13:03.64		HE		
PMRV	e P	02:12:15.89		HZ		

**01-Fev Ho 03:40:37.6 ML 2.1**  
**Lat 36.565°N Lon 04.548°W Prof 81**  
**Região: SW Malaga (ESP) Rms 0.4**  
**AxMax 3.6 AxMin 3.6 Ang 82 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	03:41:16.85		HZ	0.006	0.2
	e S	03:41:46.11		HE		
PVAQ	e P	03:41:18.47		HE		
	e S	03:41:48.25		HN		
PBDV	e P	03:41:20.38		HZ	0.003	1.3
	e S	03:41:51.81		HE		
PCVE	e P	03:41:22.87		HZ	0.005	0.2
	e S	03:41:55.78		HN		
PBEJ	e P	03:41:25.36		EZ	0.005	0.1
	e S	03:41:56.83		EN		
MESJ	e P	03:41:25.56		HZ	0.004	0.3
	e S	03:42:01.31		HE		
PESTR	e P	03:41:27.59		HZ	0.003	0.6
	e S	03:42:04.86		HN		
MORF	e P	03:41:27.96		HZ	0.004	0.2
	e S	03:42:04.98		HN		
EVO	e P	03:41:27.12		HZ	0.008	0.3
	e S	03:42:05.92		HE		
PFVI	e P	03:41:32.48		HZ	0.008	0.9
	e S	03:42:07.34		HE		
PTEO	e P	03:41:29.80		EZ	0.008	0.6
	e S	03:42:10.05		EE		
PNCL	e P	03:41:30.09		HZ	0.004	0.3
	e S	03:42:08.96		HN		
PMRV	e P	03:41:31.48		HZ	0.003	0.6
	e S	03:42:11.44		HN		
PMTG	e P	03:41:33.86		HZ	0.003	0.7
	e S	03:42:16.04		HN		
PCBR	e P	03:41:36.50		EZ	0.001	0.2
	e S	03:42:19.86		EE		
PACT	e S	03:42:22.52		BN		
MTE	e P	03:41:43.36		HZ		
	e S	03:42:31.56		HE		
PCAS	e S	03:42:38.50		HN		
PVIS	e P	03:41:48.64		HZ	0.002	0.8
	e S	03:42:40.60		HN		
MVO	e P	03:41:49.80		HZ		
PVRL	e P	03:41:54.59		SZ	0.004	0.5
	e S	03:42:50.93		SE		
POLO	e P	03:41:56.36		HZ		
	e S	03:42:55.12		HN		
PBRG	e S	03:42:55.48		HN		
PGAV	e P	03:42:07.43		HZ		

**01-Fev Ho 02:31:20.8 ML 0.9**  
**Lat 37.797°N Lon 08.885°W Prof 2\***  
**Região: S Sines Rms 0.3**  
**AxMax 4.7 AxMin 2.0 Ang 102 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PTEO	e P	02:31:26.28		EZ		
	e S	02:31:29.34		EE		
PNCL	e P	d 02:31:28.55		HZ	0.001	0.2
	e S	02:31:34.38		HN		
MORF	e P	02:31:30.50		HZ	0.002	0.2
	e S	02:31:38.71		HE		
MESJ	e P	02:31:30.43		HZ	0.002	0.3
	e S	02:31:38.24		HE		
PFVI	e P	02:31:32.83		HZ	0.008	0.7
	e S	02:31:42.28		HN		
PCVE	e P	02:31:33.19		HZ	0.013	0.6
	e S	02:31:42.73		HE		
PBDV	e S	02:31:51.03		HE		
EVO	e S	02:31:51.66		HE		
PVAQ	e S	02:31:52.67		HE		
PMTG	e P	02:31:41.54		HZ		
PESTR	e P	02:31:48.42		HZ		
	e S	02:32:05.63		HN		
PBAR	e P	02:31:47.45		HZ		
	e S	02:32:06.92		HE		



**01-Fev Ho 03:46:07.0 ML 0.9**  
**Lat 37.139°N Lon 08.045°W Prof 20**  
**Região: NW Loulé Rms 0.3**  
**AxMax 6.2 AxMin 3.3 Ang 154 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	i P	c 03:46:11.17		HZ	0.005	0.1
	e S	03:46:14.51		HE		
PVAQ	e P	03:46:14.40		HZ		
	e S	03:46:19.68		HE		
PCVE	e P	03:46:16.54		HZ	0.002	0.1
	e S	03:46:23.26		HE		
MORF	e P	03:46:16.40		HZ	0.003	0.1
	e S	03:46:23.84		HN		
PFVI	e P	03:46:18.22		HZ	0.003	0.2
	e S	03:46:27.06		HE		
PTEO	e S	03:46:29.27		EN		
MESJ	e P	03:46:20.25		HZ	0.005	0.7
	e S	03:46:29.41		HN		
PBEJ	e S	03:46:34.92		EE		
PNCL	e P	03:46:26.42		HZ	0.002	0.8
	e S	03:46:39.32		HN		
PBAR	e P	03:46:30.83		HZ	0.002	0.9
	e S	03:46:48.08		HE		
EVO	e S	03:46:50.15		HN		

**01-Fev Ho 04:15:42.6 ML 3.1**  
**Lat 38.775°N Lon 07.946°W Prof 13**  
**Região: NE Arraiolos Rms 0.5**  
**Sentido: III/IV Arraiolos**  
**AxMax 1.9 AxMin 1.3 Ang 94 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Pg	d 04:15:47.24		HZ	4.597	0.1
	e Sg	04:15:50.84		HE		
PESTR	i Pg	c 04:15:48.19		HZ	0.407	0.5
	e Sg	04:15:52.64		HE		
PMTG	i Pg	d 04:15:48.75		HZ	0.756	0.1
	e Sg	04:15:54.00		HE		
PACT	e P	d 04:15:55.48		BZ	0.409	0.2
	e S	04:16:05.06		BN		
PBEN	e P	04:15:55.88		HZ		
	e S	04:16:05.02		HN		
PSANT	e P	04:15:55.99		HZ		
	e S	04:16:05.85		HE		
PBEJ	e P	04:15:55.59		EZ	0.473	0.2
	e S	04:16:05.94		EE		
PSETU	e P	04:16:55.69		HZ	0.493	0.3
	e S	04:17:06.37		HE		
PMRV	e P	d 04:15:56.93		HZ	0.379	0.3
	e S	04:16:07.38		HN		
PNCL	e P	04:15:56.85		HZ	0.252	0.4
	e S	04:16:08.01		HN		
PVFX	e P	04:15:57.94		HZ	0.753	0.5
	e S	04:16:09.28		H2		
INMG	e P	04:16:02.00		HZ	0.416	0.7
	e S	04:16:12.41		HN		
PBAR	e P	04:15:59.13		HZ	0.303	0.2
	e S	04:16:12.09		HN		
GGNV	e P	04:15:59.81		HZ	0.149	0.3
	e S	04:16:12.78		HN		
MESJ	e P	04:15:59.51		HZ	0.163	0.2
	e S	04:16:12.34		HN		
PVERD	e P	04:15:41.63		HZ	0.480	0.1
	e S	04:15:55.96		HN		
PSES	e P	04:15:59.86		HZ	0.192	0.2
	e S	04:16:13.62		HE		
PSBE	i P	d 04:16:00.54		HZ	0.297	0.3
	e S	04:16:13.81		HN		
PMAFR	e P	04:16:01.02		HZ	0.354	0.2
	e S	04:16:15.42		HE		
PCBR	e P	d 04:16:03.02		EZ	0.417	0.4
	e S	04:16:17.67		EE		
PCDRA	e P	04:16:03.05		HZ	0.953	0.2
	e S	04:16:18.42		HE		
PCVE	e P	04:16:02.90		HZ	0.195	0.7
	e S	04:16:18.47		HN		
PCASC	e S	04:16:19.84		HN		
PCAS	e P	04:16:06.56		HZ	0.190	0.8
	e S	04:16:24.56		HE		

PTEO	e P	04:16:07.24		EZ	0.230	0.3
	e S	04:16:24.13		EE		
PVAQ	e Pn	04:16:06.26		HN		
	e Pg	04:16:07.47		HN		
	e Sg	04:16:25.54		HN		
COI	e Pn	04:16:08.83		HZ	0.173	0.2
	e Sg	04:16:28.22		HE		
PBDV	e Pn	04:16:08.34		HZ	0.199	0.4
	e Pg	04:16:10.10		HZ		
	e Sg	04:16:29.32		HN		
MORF	e Pn	04:16:08.37		HZ	0.156	0.1
	e Sg	04:16:30.40		HN		
PALJ	e Sg	04:16:31.62		HE		
MTE	e Pn	04:16:12.15		HZ	0.145	0.7
	e Pg	04:16:16.15		HZ		
	e Sg	04:16:33.45		HE		
PTAV	e Sg	04:16:35.19		HE		
PALBU	e Sg	04:16:34.79		HE		
PPOR	e Sg	04:16:35.04		HE		
PFARO	e Pn	04:16:14.64		HZ		
	e Sn	04:16:36.54		HE		
	e Sg	04:16:38.91		HN		
PLAGO	e Sn	04:16:33.63		HN		
	e Sg	04:16:39.02		HN		
PFVI	e Pn	04:16:11.63		HZ	0.122	0.2
	e Sn	04:16:33.13		HE		
	e Sg	04:16:37.93		HE		
PVIS	e Pn	04:16:14.17		HZ	0.116	0.3
	e Pg	04:16:17.20		HZ		
	e Sn	04:16:37.51		HN		
	e Sg	04:16:41.81		HN		
PTO	e Pn	04:16:20.78		SZ		
	e Pg	04:16:25.33		SZ		
	e Sn	04:16:48.14		SE		
	e Sg	04:16:56.33		SN		
MVO	e Pn	04:16:21.16		HZ	0.061	0.3
	e Pg	04:16:29.22		HZ		
	e Sn	04:16:50.70		HN		
	e Sg	04:16:59.30		HE		
PVRL	e Pn	04:16:21.80		SZ	0.051	0.1
	e Pg	04:16:29.57		SZ		
	e Sn	04:16:50.72		SE		
	e Sg	04:16:58.74		SE		
POLO	e Pn	04:16:23.37		HZ	0.025	0.3
	e Pg	04:16:29.15		HZ		
	e Sn	04:16:53.00		HN		
	e Sg	04:17:03.58		HE		
PCAB	e Pn	04:16:27.86		HZ	0.052	0.4
	e Sn	04:17:01.19		HN		
	e Sg	04:17:13.36		HE		
PBRG	e Pn	04:16:31.14		HZ	0.032	0.5
	e Sn	04:17:06.27		HE		
	e Sg	04:17:19.20		HE		
PGAV	e Pn	04:16:31.03		HZ	0.029	0.4
	e Sn	04:17:06.82		HN		
	e Sg	04:17:21.44		HE		

**01-Fev Ho 04:18:30.9 Distante (NEIC) MB 5.4**  
**Lat 56.935°S Lon 140.850°W Prof 10**  
**Região: Pacific-Antarctic Ridge**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e PKP	04:38:06.43		BZ		
PMTG	e PKP	04:38:05.10		BZ		
PESTR	e PKP	04:38:06.01		BZ		
PMRV	e PKP	04:38:10.84		BZ		
COI	e PKP	04:38:07.69		BZ		
PCBR	e PKP	04:38:08.17		SZ		
MTE	e PKP	04:38:13.66		BZ		
PVIS	e PKP	04:38:13.00		BZ		
POLO	e PKP	04:38:10.91		BZ		
PBRG	e PKP	04:38:13.63		BZ		

**01-Fev Ho 11:05:50.0 Distante (NEIC) MB 5.0**  
**Lat 16.690°S Lon 177.430°W Prof 10**  
**Região: Fiji Islands Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MTE	e LR	12:18:34.14		LZ	3.339	20
MVO	e LR	12:18:15.84		LZ	3.029	22

PGAV e LR 12:17:46.62 LZ 3.648 18  
PMRV e LR 12:19:01.29 LZ 2.558 20

**01-Fev Ho 11:42:08.7 ML 1.7**  
**Lat 36.765°N Lon 09.689°W Prof 21**  
**Região: SW Cabo S.Vicente Rms 0.4**  
**AxMax 7.5 AxMin 5.3 Ang 72 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	i P	c 11:42:22.92		HZ	0.010	0.3
	e S	11:42:33.55		HE		
MORF	e P	11:42:25.86		HZ	0.008	0.2
	e S	11:42:38.61		HE		
PTEO	e P	11:42:26.40		EZ	0.008	0.8
	e S	11:42:41.46		EE		
PBDV	e P	11:42:32.80		HZ	0.005	1.0
	e S	11:42:50.65		HN		
PCVE	e P	11:42:34.11		HZ	0.005	0.2
	e S	11:42:53.22		HN		
MESJ	e P	11:42:34.05		HZ	0.004	0.8
	e S	11:42:53.01		HN		
PNCL	e P	11:42:34.63		HZ	0.004	0.4
	e S	11:42:54.07		HE		
PVAQ	e P	11:42:36.01		HN		
	e S	11:42:55.61		HN		
PSES	e S	11:42:56.35		HE		
PBEJ	e S	11:43:00.32		EN		
PACT	e S	11:43:07.48		BN		
EVO	e P	11:42:42.31		HZ	0.012	0.1
	e S	11:43:07.78		HE		
PMAFR	e S	11:43:09.00		HN		
PBAR	e P	11:42:47.36		HZ	0.002	0.6
	e S	11:43:16.38		HN		
PMTG	e P	11:42:47.78		HZ	0.003	1.1
	e S	11:43:16.72		HN		
PESTR	e S	11:43:19.64		HN		
PMRV	e P	11:42:56.31		HZ	0.002	0.9
	e S	11:43:32.50		HE		
PCAS	e S	11:43:38.31		HE		

**01-Fev Ho 11:50:07.6 ML 1.6**  
**Lat 36.539°N Lon 09.725°W Prof 16**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 8.3 AxMin 3.9 Ang 103 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	c 11:50:24.50		HZ	0.005	0.6
	e S	11:50:36.88		HN		
MORF	e P	11:50:27.80		HZ		
PTEO	e P	11:50:30.82		EZ	0.007	0.8
	e S	11:50:45.58		EN		
PBDV	e P	11:50:34.01		HZ		
	e S	11:50:53.45		HE		
MESJ	e P	11:50:36.82		HZ	0.004	0.6
	e S	11:50:57.68		HN		
PVAQ	e P	11:50:37.17		HN		
	e S	11:50:58.69		HE		
PNCL	e P	11:50:36.69		HZ	0.003	0.5
	e S	11:50:58.56		HE		
PBAR	e P	11:50:48.60		HZ	0.002	0.6
	e S	11:51:20.97		HN		
PMTG	e P	11:50:49.39		HZ	0.003	0.7
	e S	11:51:22.00		HN		
PESTR	e S	11:51:23.58		HN		
PMRV	e P	11:50:58.59		HZ		
	e S	11:51:36.52		HN		

**02-Fev Ho 02:49:18.3 ML 1.8**  
**Lat 36.937°N Lon 04.662°W Prof 22**  
**Região: NW Malaga (ESP) Rms 0.3**  
**AxMax 3.0 AxMin 2.4 Ang 173 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sg	02:50:28.58		HE	0.003	0.9
PVAQ	e Sn	02:50:22.65		HE		
PBDV	e Sn	02:50:26.10		HE		
MESJ	e Sn	02:50:35.26		HE	0.004	0.8
PESTR	e Sn	02:50:36.17		HN	0.004	0.6
PMRV	e Pn	02:50:08.19		HZ		
PMTG	e Sn	02:50:48.90		HE		

**02-Fev Ho 04:53:36.1 ML 2.1**  
**Lat 37.125°N Lon 04.031°W Prof 10**  
**Região: W Granada (ESP) Rms 0.4**  
**AxMax 3.8 AxMin 2.8 Ang 156 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:54:16.84		HZ	0.004	0.4
	e Sn	04:54:48.04		HN		
PVAQ	e Pn	04:54:21.69		HE		
	e Sn	04:54:56.75		HN		
PBDV	e Pn	04:54:24.28		HZ		
	e Sn	04:55:01.43		HE		
PCVE	e Sn	04:55:03.20		HN	0.004	0.6
PESTR	e Pn	04:54:27.39		HZ	0.004	0.6
	e Sg	04:55:20.20		HN		
MESJ	e Pn	04:54:27.93		HZ		
	e Sn	04:55:07.71		HN		
PMRV	e Sg	04:55:25.67		HE	0.004	0.4
PNCL	e Pn	04:54:32.33		HZ		
	e Sn	04:55:15.14		HN		
PTEO	e Sn	04:55:15.67		EN		
PCBR	e Pn	04:54:34.65		EZ		
PMTG	e Pn	04:54:34.32		HZ	0.003	0.6
	e Sn	04:55:17.02		HE		
PVIS	e Sn	04:55:37.67		HN		

**02-Fev Ho 06:24:09.0 Distante (IPMA) Prof 131**  
**Lat 53.330°N Lon 34.980°W**  
**Região: Reykjanes Ridge**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	06:28:41.82		BZ	0.172	1.7
	e LR	06:33:44.90		LZ	3.118	18
PTO	e P	06:28:46.15		SZ		
POLO	e P	06:28:48.66		BZ	0.069	1.8
PVRL	e P	06:28:50.05		SZ	0.191	1.5
PBRG	e P	06:28:51.97		BZ	0.152	1.5
PVIS	e P	06:28:51.92		BZ		
COI	P	06:28:55.30		HZ		
PCAS	e P	06:28:53.69		BZ	0.148	1.7
MVO	e P	06:28:55.22		BZ	0.142	1.6
	e LR	06:34:22.76		LZ	2.916	20
PSBE	e P	06:28:55.40		BZ	0.188	1.6
MTE	e P	06:28:59.33		BZ	0.069	1.7
	e LR	06:34:25.70		LZ	2.787	20
PMAFR	e P	06:28:58.52		BZ	0.381	1.5
PCBR	e P	06:29:00.07		SZ	0.160	1.4
PMTG	e P	06:29:01.55		BZ	0.110	1.6
PSES	e P	06:29:03.40		BZ		
PMRV	e P	06:29:04.82		BZ	0.073	1.7
	e LR	06:34:43.31		LZ	2.792	20
PESTR	e P	06:29:05.88		BZ	0.073	1.6
EVO	e P	06:29:06.59		BZ	0.062	1.7
PNCL	e P	06:29:07.36		BZ	0.158	1.9
PTEO	e P	06:29:12.39		SZ	0.227	1.4
MESJ	e P	06:29:10.57		BZ	0.135	2.3
PBEJ	e P	06:29:11.50		SZ	0.085	1.8
MORF	e P	06:29:11.99		BZ	0.146	1.6
PCVE	e P	06:29:13.47		BZ	0.140	1.7
PBAR	e P	06:29:15.17		BZ	0.144	1.9
PVAQ	e P	06:29:17.50		BZ		
PBDV	e P	06:29:17.98		BZ	0.140	1.6

**02-Fev Ho 08:03:59.3 Distante (NEIC) MB 4.7**  
**Lat 53.154°N Lon 35.178°W Prof 10**  
**Região: Reykjanes Ridge**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	08:09:01.10		BZ		
PVIS	e P	08:09:01.89		BZ		
PCAS	e P	08:09:02.52		BZ		
MVO	e P	08:09:03.42		BZ	0.064	2.3
PCBR	e P	08:09:04.81		SZ		
PBAR	e P	08:09:18.37		BZ	0.051	1.8

02-Fev		Ho 11:37:53.3	Distante (NEIC)		MW 6.0
		Lat 65.811°S	Lon 175.635°W		Prof 10
Região: Pacific-Antarctic Ridge					
Est	Fase	P h:m:s	Dur	Co	Amp Per
PCVE	e PKPbc	11:57:45.23		BZ	
MESJ	e PKPbc	11:57:45.73		BZ	
PNCL	e PKPbc	11:57:46.49		BZ	
PBEJ	e PKPbc	11:57:47.17		SZ	
PSES	e PKPbc	11:57:47.78		BZ	
PBAR	e PKPbc	11:57:48.74		BZ	
PMTG	e PKPbc	11:57:48.63		BZ	
PMRV	e LR	12:49:11.08		LZ	1.200 18
PCBR	e PKPbc	11:57:51.04		SZ	
PCAS	e PKPbc	11:57:51.56		BZ	
MTE	e PKPbc	11:57:55.64		BZ	
	e LR	12:50:28.86		LZ	1.494 18
MVO	e LR	12:50:26.88		LZ	1.254 18
PGAV	e LR	12:50:52.38		LZ	2.245 18

02-Fev		Ho 21:16:10.2	Distante (NEIC)		MB 5.1
		Lat 08.154°S	Lon 158.797°E		Prof 148
Região: Solomon Islands					
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBRG	e PKP	21:35:29.31		BZ	
PGAV	e PKP	21:35:30.94		BZ	
	i -	21:35:52.22		BZ	
MVO	e PKP	21:35:32.08		BZ	
	i -	21:36:02.47		BZ	
POLO	e PKP	21:35:32.12		BZ	
	i -	21:36:02.34		BZ	
PVRL	e PKP	21:35:32.46		SZ	
	i -	21:36:02.45		SZ	
PTO	e PKP	21:35:33.82		SZ	
PVIS	e PKP	21:35:34.08		BZ	
	i -	21:36:03.90		BZ	
MTE	e PKP	21:35:34.19		BZ	
	i -	21:36:04.84		BZ	
PCBR	e PKP	21:35:36.22		SZ	
	i -	21:36:05.02		SZ	
PMRV	e PKP	21:35:36.77		BZ	
	i -	21:36:06.47		BZ	
PMTG	e PKP	21:35:38.14		BZ	
	i -	21:36:08.27		BZ	
EVO	e PKP	21:35:39.81		BZ	
	i -	21:36:10.75		BZ	
PNCL	e PKP	21:35:40.81		BZ	
PCVE	i -	21:36:14.14		BZ	

03-Fev					
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBRG	e Sn	00:07:26.23		HE	
	e Sg	00:07:34.54		HN	
PCAB	e Sn	00:07:40.64		HE	
	e Sg	00:07:47.76		HN	
PGAV	e Sg	00:07:46.24		HE	0.004 0.7
POLO	e Sg	00:07:54.06		HN	
MVO	e Sg	00:07:54.45		HE	0.003 0.6

03-Fev		Ho 03:13:38.2	Distante (NEIC)		MB 4.7
		Lat 07.514°S	Lon 156.246°E		Prof 35
Região: Solomon Islands					
Est	Fase	P h:m:s	Dur	Co	Amp Per
PVIS	e PKPdf	03:33:07.90		BZ	
PMRV	e PKPdf	03:33:10.83		BZ	
PESTR	e PKPdf	03:33:12.48		BZ	
PMTG	e PKPdf	03:33:12.20		BZ	
PBAR	e PKPdf	03:33:12.15		BZ	
EVO	e PKPdf	03:33:13.30		BZ	
PNCL	e PKPdf	03:33:15.87		BZ	

03-Fev		Ho 04:31:12.5	Distante (NEIC)		ML 2.4
		Lat 40.315°N	Lon 02.927°W		Prof 14
Região: SE Guadalajara (ESP)					
Rms 0.4					
AxMax 1.8 AxMin 1.4 Ang 159 ErrZ 3					
Est	Fase	P h:m:s	Dur	Co	Amp Per
MVO	e Pn	04:32:02.33		HZ	0.009 0.4
	e Sg	04:32:53.59		HN	
PBRG	e Pn	04:32:03.19		HZ	0.007 0.4

	e Sg	04:32:54.14		HE	
MTE	e Pn	04:32:06.62		HZ	0.013 0.6
	e Sg	04:33:01.20		HE	
PCBR	e Pn	04:32:05.92		EZ	0.007 0.5
	e Sn	04:32:45.32		EN	
	e Sg	04:33:00.77		EN	
PMRV	e Pn	04:32:06.25		HZ	0.007 0.5
	e Sn	04:32:48.22		HE	
	e Sg	04:33:01.34		HN	
PVRL	e Pn	04:32:09.59		SZ	
	e Sg	04:33:08.14		SE	
PVIS	e Pn	04:32:10.26		HZ	0.006 0.4
	e Sg	04:33:10.74		HN	
PBAR	e Pn	04:32:10.27		HZ	0.008 0.5
	e Sn	04:32:55.46		HE	
	e Sg	04:32:10.40		HE	
POLO	e Pn	04:32:11.03		HZ	
	e Sg	04:33:11.58		HE	
PESTR	e Pn	04:32:10.64		HZ	0.005 1.0
	e Sn	04:32:54.57		HE	
	e Sg	04:33:11.32		HE	
PCAB	e Sg	04:33:20.84		HE	
PCAS	e Pn	04:32:18.93		HZ	0.005 0.7
	e Sg	04:32:56.15		HN	
PMTG	e Pn	04:32:15.95		HZ	0.006 0.5
	e Sn	04:33:04.29		HN	
	e Sg	04:33:22.91		HN	
EVO	e Sn	04:32:05.97		HN	
	e Sg	04:33:25.57		HN	
PGAV	e Pn	04:32:17.66		HZ	0.005 0.6
	e Sg	04:33:28.79		HN	
PVAQ	e Pn	04:32:23.45		HN	
	e Sn	04:33:15.56		HN	
	e Sg	04:33:39.41		HN	
MESJ	e Pn	04:32:23.86		HZ	
	e Sn	04:33:16.77		HE	
PCVE	e Pn	04:32:23.74		HZ	0.055 1.7
PNCL	e Pn	04:32:24.83		HZ	0.005 0.7
	e Sn	04:33:18.72		HE	
PBDV	e Pn	04:32:26.36		HZ	0.004 0.6
	e Sn	04:33:20.51		HN	
PTEO	e Sn	04:33:30.66		EN	
MORF	e Pn	04:32:31.37		HZ	0.005 0.9
	e Sn	04:33:31.43		HE	

03-Fev		Ho 04:43:08.5	Distante (NEIC)		ML 0.9
		Lat 38.781°N	Lon 07.981°W		Prof 10
Região: NE Arraiolos					
Rms 0.3					
AxMax 2.4 AxMin 1.1 Ang 97 ErrZ 3					
Est	Fase	P h:m:s	Dur	Co	Amp Per
EVO	i Pg	04:43:13.34		HZ	0.023 0.1
	e Sg	04:43:17.05		HN	
PESTR	e Pg	04:43:14.28		HZ	
	e Sg	04:43:18.83		HE	
PMTG	e Pg	04:43:14.80		HZ	
	e Sg	04:43:19.95		HE	
PBEJ	e S	04:43:32.28		EE	
PMRV	e P	04:43:22.99		HZ	
	e S	04:43:33.72		HE	
PNCL	e P	04:43:24.13		HZ	
	e S	04:43:33.93		HE	
PBAR	e S	04:43:39.06		HE	
MESJ	e P	04:43:26.63		HZ	
	e S	04:43:38.36		HN	
PCBR	e S	04:43:43.80		EN	
PCVE	e P	04:43:29.62		HZ	
	e S	04:43:44.04		HE	
PTEO	e S	04:43:51.27		EN	

03-Fev		Ho 05:01:29.8	Distante (NEIC)		ML 2.0
		Lat 37.034°N	Lon 04.322°W		Prof 4
Região: NE Malaga (ESP)					
Rms 0.4					
AxMax 2.3 AxMin 1.6 Ang 176 ErrZ 4					
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBAR	e Pn	05:02:08.91		HZ	0.004 0.3
	e Sn	05:02:38.47		HE	
	e Sg	05:02:47.23		HE	
PVAQ	e Pn	05:02:13.47		HE	

PBDV	e Sn	05:02:45.89	HE				
PBDV	e Pn	05:02:16.40	HZ	0.004	0.6		
	e Sn	05:02:50.30	HE				
PCVE	e Sn	05:02:53.25	HN				
PESTR	e Sn	05:02:56.49	HE	0.003	0.4		
	e Sg	05:03:10.04	HN				
MESJ	e Pn	05:02:20.10	HZ	0.004	0.7		
	e Sn	05:02:58.29	HN				
EVO	e Sn	05:02:58.13	HE				
PMRV	e Sg	05:03:16.79	HE	0.003	0.8		
MORF	e Sn	05:03:04.15	HE				
PNCL	e Pn	05:02:24.29	HZ	0.003	0.5		
	e Sn	05:03:05.23	HE				
PTEO	e Sn	05:03:06.37	EE				
PMTG	e Pn	05:02:27.38	HZ	0.004	0.7		
	e Sn	05:03:08.51	HE				
	e Sg	05:03:27.93	HE				
PACT	e Sn	05:03:16.38	BN				
MVO	e Pn	05:02:40.57	HZ				

**03-Fev Ho 07:50:57.4 ML 2.0**  
**Lat 37.048°N Lon 04.337°W Prof 3**  
**Região: NE Malaga (ESP) Rms 0.3**  
**AxMax 2.2 AxMin 1.6 Ang 11 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	07:51:36.68		HZ	0.005	0.9
	e Sn	07:52:05.84		HE		
	e Sg	07:52:14.34		HE		
PVAQ	e Pn	07:51:40.82		HE		
	e Sn	07:52:13.12		HE		
PBDV	e Pn	07:51:43.84		HZ	0.004	0.7
	e Sn	07:52:16.99		HN		
PCVE	e Sg	07:52:32.46		HE		
PESTR	e Sn	07:52:23.75		HE	0.003	0.4
MESJ	e Pn	07:51:47.49		HZ	0.003	0.3
	e Sg	07:52:39.71		HN		
EVO	e Sn	07:52:25.93		HN	0.003	0.5
PMRV	e Sg	07:52:44.83		HN	0.003	0.7
PNCL	e Pn	07:51:51.85		HZ	0.003	0.6
	e Sn	07:52:32.44		HE		
PTEO	e Sn	07:52:33.51		EE		
PMTG	e Sn	07:52:36.13		HE	0.004	0.7
	e Sg	07:52:53.97		HN		
PCBR	e Pn	07:51:55.20		EZ		

**03-Fev Ho 09:29:33.2 ML 0.7**  
**Lat 41.076°N Lon 07.993°W Prof 0\***  
**Região: SW Resende Rms 0.3**  
**AxMax 4.7 AxMin 1.6 Ang 98 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVRL	e Pg	09:29:38.24		SZ		
	e Sg	09:29:42.14		SE		
POLO	e Pg	09:29:39.09		HZ	0.001	0.2
	e Sg	09:29:43.59		HN		
PVIS	e Pg	09:29:39.89		HZ	0.006	0.3
	e Sg	09:29:44.95		HE		
MVO	e P	09:29:46.57		HZ		
	e S	09:29:56.59		HN		
PGAV	e S	09:30:02.99		HN		

**03-Fev Ho 09:48:32.1 ML 2.1**  
**Lat 37.889°N Lon 03.252°W Prof 12**  
**Região: NW Almeria (ESP) Rms 0.4**  
**AxMax 1.9 AxMin 1.5 Ang 106 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	09:49:18.92		HZ	0.004	0.3
	e Sn	09:49:53.41		HE		
	e Sg	09:50:04.41		HN		
PESTR	e Sn	09:50:06.49		HE	0.004	0.4
PVAQ	e Sn	09:50:06.37		HE		
	e Sg	09:50:21.59		HE		
PMRV	e Sn	09:50:07.50		HE	0.005	0.4
	e Sg	09:50:24.47		HE		
PNCL	e Sg	09:50:39.72		HE		

**03-Fev Ho 17:19:39.0 ML 1.0**  
**Lat 36.872°N Lon 08.954°W Prof 30**  
**Região: SE Cabo S.Vicente Rms 0.3**  
**AxMax 31.1 AxMin 9.0 Ang 112 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	17:19:45.67		HZ	0.009	0.2
	e S	17:19:51.03		HN		
MORF	e P	17:19:49.36		HZ	0.004	0.2
	e S	17:19:56.02		HE		
PTEO	e P	17:19:51.27		EZ		
	e S	17:20:01.18		EN		
MESJ	e S	17:20:11.36		HE		

**03-Fev Ho 18:51:09.7 ML 1.9**  
**Lat 37.856°N Lon 03.168°W Prof 21**  
**Região: NW Almeria (ESP) Rms 0.4**  
**AxMax 4.3 AxMin 2.4 Ang 99 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	18:51:56.67		HZ	0.002	0.6
	e Sn	18:52:30.75		HN		
	e Sg	18:52:42.40		HN		
PESTR	e Sn	18:52:44.63		HE	0.003	1.0
	e Sg	18:53:01.06		HE		
PVAQ	e Sn	18:52:45.08		HE		
	e Sg	18:53:01.05		HE		
PMRV	e Sn	18:52:45.43		HE	0.003	0.7
	e Sg	18:53:01.59		HN		
EVO	e Sn	18:52:50.83		HN	0.001	0.4
	e Sg	18:53:08.79		HE		
MESJ	e Sn	18:52:53.17		HN		
PMTG	e Sn	18:52:57.19		HE	0.004	0.5
	e Sg	18:53:17.49		HE		

**03-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	21:16:03.11		HZ		
	e S	21:16:43.28		HN		
PVAQ	e S	21:16:46.42		HE		
PBDV	e S	21:16:51.23		HN		

**03-Fev Ho 21:29:42.2 ML 1.4**  
**Lat 36.365°N Lon 08.978°W Prof 2**  
**Região: S Cabo S.Vicente Rms 0.4**  
**AxMax 6.8 AxMin 2.9 Ang 92 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	21:29:56.38		HZ	0.007	0.1
	e S	21:30:07.47		HE		
MORF	e P	21:29:59.99		HZ	0.006	0.1
	e S	21:30:13.15		HE		
PTEO	e P	21:30:03.92		EZ	0.006	0.2
	e S	21:30:20.05		EE		
PBDV	e P	21:30:03.90		HZ	0.003	0.7
	e S	21:30:20.75		HE		
PVAQ	e Sn	21:30:26.76		HN		
	e Sg	21:30:28.19		HE		
PCVE	e Sn	21:30:26.84		HE	0.002	0.7
	e Sg	21:30:28.87		HN		
MESJ	e Pn	21:30:10.23		HZ	0.002	0.2
	e Sn	21:30:29.93		HE		
	e Sg	21:30:32.51		HE		
PNCL	e Sn	21:30:35.82		HE	0.003	0.8
PBAR	e Sn	21:30:48.99		HN	0.002	0.7
	e Sg	21:30:58.72		HE		
PESTR	e Sn	21:30:57.09		HE		
PMTG	e Pn	21:30:25.52		HZ		
	e Sn	21:30:57.17		HN		
PMRV	e Pn	21:30:33.25		HZ		
	e Sn	21:31:10.71		HE		

**03-Fev Ho 21:35:32.2 ML 1.2**  
**Lat 42.122°N Lon 07.496°W Prof 7**  
**Região: SE Ourense (ESP) Rms 0.3**  
**AxMax 2.4 AxMin 1.9 Ang 86 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCAB	e Pg	21:35:42.86		HZ	0.019	0.3
	e Sg	21:35:50.59		HN		
PGAV	e P	21:35:43.36		HZ	0.005	0.4
	e S	21:35:51.35		HN		

PBRG	e P	21:35:44.21	HZ	0.007	0.3
	e S	21:35:52.63	HN		
POLO	e P	21:35:46.53	HZ	0.002	0.7
	e S	21:35:56.68	HE		
PVRL	e S	21:35:59.25	SE	0.005	0.1
MVO	e P	21:35:50.76	HZ	0.003	0.2
	e S	21:36:04.21	HE		
PVIS	e S	21:36:16.49	HE	0.002	0.3

**04-Fev Ho 00:03:04.8 ML 2.0**  
**Lat 42.100°N Lon 08.121°W Prof 19**  
**Região: E Melgaço Rms 0.3**  
**AxMax 5.6 AxMin 2.0 Ang 76 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	i Pg	c 00:03:09.38		HZ	0.178	0.1
	e Sg	00:03:12.70		HN		
PCAB	e Pg	00:03:12.63		HZ	0.203	0.5
	e Sg	00:03:18.39		HN		
POLO	e P	00:03:19.01		HZ	0.006	0.2
	e S	00:03:29.32		HN		
PVRL	e P	00:03:21.05		SZ	0.042	0.1
	e S	00:03:32.46		SE		
PTO	e S	00:03:36.24		SE	0.036	0.1
PBRG	e P	00:03:23.25		HZ	0.017	0.3
	e S	00:03:38.13		HN		
MVO	e S	00:03:43.12		HE	0.010	0.2
PVIS	e S	00:03:47.96		HE	0.017	0.5
MTE	e Pg	00:03:37.44		HZ	0.010	0.4
	e Sg	00:03:58.70		HE		
PCAS	e Sg	00:04:09.36		HN	0.004	0.7
PCBR	e Sg	00:04:17.15		EN	0.004	0.4
PMRV	e Pg	00:03:54.02		HZ	0.004	0.7
	e Sg	00:04:29.76		HE		
PMTG	e Sg	00:04:38.32		HE	0.004	0.5
PESTR	e Sg	00:04:45.84		HN	0.002	0.5
PBAR	e Sn	00:04:47.14		HE		

**04-Fev Ho 08:22:22.1 ML 1.3**  
**Lat 36.844°N Lon 07.339°W Prof 28**  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 7.9 AxMin 4.4 Ang 174 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	08:22:33.77		HZ	0.005	0.4
	e S	08:22:42.09		HE		
PVAQ	e P	08:22:34.22		HZ		
	e S	08:22:42.70		HE		
PCVE	e P	08:22:39.28		HZ	0.004	0.6
	e S	08:22:51.33		HE		
MORF	e S	08:22:54.91		HE	0.004	0.3
MESJ	e P	08:22:42.28		HZ	0.003	0.8
	e S	08:22:56.75		HN		
PFVI	e S	08:22:56.40		HE		
PTEO	e S	08:22:58.97		EE		
PBAR	e P	08:22:44.14		HZ	0.001	0.4
	e S	08:22:59.83		HN		
PNCL	e P	08:22:47.25		HZ		
	e S	08:23:05.73		HN		

**04-Fev Ho 08:54:38.4 ML 0.9**  
**Lat 38.998°N Lon 09.060°W Prof 7**  
**Região: NE Arruda dos Vinhos Rms 0.3**  
**AxMax 2.3 AxMin 1.9 Ang 171 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	i Pg	c 08:54:41.49		HZ	0.026	0.2
	e Sg	08:54:44.60		HN		
PMTG	e Pg	08:54:50.30		HZ	0.002	0.1
	e Sg	08:54:59.44		HN		
EVO	e S	08:55:08.41		HE	0.003	0.1
PNCL	e P	08:54:56.24		HZ	0.003	0.8
	e S	08:55:09.26		HE		
PCAS	e S	08:55:14.50		HN		
PESTR	e S	08:55:14.46		HE	0.001	0.2
MESJ	e P	08:55:02.36		HZ	0.002	0.7
	e S	08:55:19.42		HN		
PMRV	e P	08:55:02.58		HZ	0.002	0.6
	e S	08:55:19.71		HE		
PBAR	e Sg	08:55:35.49		HE		

<b>04-Fev</b>						
Est	Fase	P h:m:s	Dur	Co	Amp	Per
PAGU	e P	09:42:11.13		HZ	0.319	0.2
	e S	09:42:47.81		HN		
PMOZ	e P	09:42:56.91		HZ	0.101	0.7
	e S	09:44:06.24		HE		
PMSOL	e P	09:42:58.82		SZ	0.065	0.4
	e S	09:44:07.40		SE		
PMAR	e P	09:43:00.19		HZ	0.071	0.6
	e S	09:44:10.41		HZ		
PMPST	e P	09:43:00.94		HZ	0.038	0.9
	e S	09:44:10.20		HE		
FUL	e P	09:43:01.07		EZ		
PESTR	e P	09:43:58.39		HZ		
	e S	09:46:13.34		HN		
PMTG	e P	09:44:00.90		HZ		
	e S	09:46:01.70		HN		
PMRV	e P	09:44:09.75		HZ		
	e S	09:46:17.30		HE		
PSES	e S	09:45:43.26		HN		
PMAFR	e S	09:45:43.59		HE		
PTEO	e S	09:45:50.94		EN		
PNCL	e S	09:45:54.74		HN		
PCAS	e S	09:45:58.00		HN		
MESJ	e S	09:46:01.93		HN		
PCVE	e S	09:46:04.95		HN		
EVO	e S	09:46:05.79		HE		
PBEJ	e S	09:46:08.54		EN		
PGAV	e S	09:46:10.12		HN		
PBDV	e S	09:46:10.26		HN		
PVIS	e S	09:46:10.88		HN		
PVAQ	e S	09:46:12.78		HN		
PCAB	e S	09:46:14.13		HE		
POLO	e S	09:46:15.75		HN		
PCBR	e S	09:46:15.92		EN		
PVRL	e S	09:46:16.12		SE		
PBAR	e S	09:46:21.55		HN		
MVO	e S	09:46:27.39		HE		
PBRG	e S	09:46:36.32		HE		

**04-Fev Ho 13:23:08.5 Distante (NEIC) MB 5.2**  
**Lat 83.042°N Lon 06.755°W Prof 10**  
**Região: North of Svalbard**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	13:30:59.04		BZ		
POLO	e P	13:30:59.01		BZ	0.024	1.1
PVRL	e P	13:31:00.48		SZ		
MVO	e P	13:31:01.82		BZ	0.063	1.7
PVIS	e P	13:31:07.26		BZ		
MTE	e P	13:31:09.84		BZ		
PCAS	e P	13:31:10.71		BZ		
PCBR	e P	13:31:11.84		SZ	0.105	1.7
PMRV	e P	13:31:16.31		BZ	0.056	1.4
PMTG	e P	13:31:18.04		BZ	0.083	1.5
PESTR	e P	13:31:19.30		BZ	0.046	1.6
EVO	e P	13:31:24.86		BZ		
PBAR	e P	13:31:25.82		BZ	0.050	1.3
PNCL	e P	13:31:28.14		BZ		
PBEJ	e P	13:31:29.47		SZ		
MESJ	e P	13:31:29.19		BZ	0.062	1.5

**04-Fev Ho 13:24:52.0 Distante (IPMA) Prof 10**  
**Lat 81.180°N Lon 05.580°W**  
**Região: North of Svalbard**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	13:32:21.10		BZ	0.094	1.8
POLO	e P	13:32:24.76		BZ	0.034	1.3
PVRL	e P	13:32:25.94		SZ	0.096	1.5
MVO	e P	13:32:26.37		BZ	0.082	1.9
PTO	e P	13:32:27.11		SZ	0.114	1.7
PVIS	e P	13:32:30.58		BZ		
MTE	e P	13:32:33.39		BZ	0.064	1.1
PCAS	e P	13:32:35.71		BZ	0.100	1.5
PCBR	e P	13:32:37.12		SZ	0.087	1.2
PMRV	e P	13:32:40.25		BZ	0.063	1.2
PMTG	e P	13:32:42.93		BZ	0.084	1.8
PESTR	e P	13:32:44.81		BZ	0.063	1.6
PBAR	e P	13:32:50.26		BZ	0.049	1.8

PNCL	e P	13:32:51.00	BZ	0.073	1.5
PBEJ	e P	13:32:52.41	SZ	0.062	1.7
MESJ	e P	13:32:53.33	BZ	0.070	1.6
PCVE	e P	13:32:54.25	BZ	0.053	1.6
MORF	e P	13:32:57.32	BZ	0.099	1.6

**04-Fev Ho 13:56:41.9 Distante (NEIC) MW 6.1**  
**Lat 24.157°N Lon 121.708°E Prof 12**  
**Região: Taiwan**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e PP	14:14:35.96		BZ		
MVO	e PP	14:14:32.01		BZ		
	e S	14:21:08.13		LE		
	e -	14:23:21.20		LZ		
	e SS	14:29:05.52		LE		
	e LR	14:50:23.38		LZ	13.80	16
PGAV	e PP	14:14:39.96		BZ		
POLO	e PP	14:14:33.90		BZ		
	e S	14:21:05.16		LE		
	e -	14:23:29.21		LZ		
	e SS	14:29:25.54		LE		
	e LR	14:49:41.79		LZ	6.486	18
PVIS	e PP	14:14:40.72		BZ		
MTE	e PP	14:14:34.14		BZ		
	e S	14:21:10.65		LN		
	e -	14:23:30.60		LZ		
	e SS	14:28:53.33		LN		
	e LR	14:50:46.88		LZ	15.17	18
PCBR	e PP	14:14:49.44		SZ		
PMRV	e PP	14:14:49.44		BZ		
	e S	14:21:09.41		LE		
	e -	14:23:46.75		LZ		
	e SS	14:29:20.74		LN		
	e LR	14:51:10.17		LZ	20.13	18
COI	e PP	14:14:38.84		BZ		
PCAS	e PP	14:14:49.59		BZ		
PESTR	e PP	14:14:51.29		BZ		
PBAR	e PP	14:14:42.80		BZ		
PMTG	e PP	14:14:51.77		BZ		
PSBE	e PP	14:14:51.77		BZ		
EVO	e PP	14:14:51.10		BZ		
PBEJ	e PP	14:14:50.17		SZ		
PMAFR	e PP	14:14:59.11		BZ		
PNCL	e PP	14:14:58.16		BZ		
PVAQ	e S	14:21:21.19		LN		
	e -	14:24:06.02		LN		
	e SS	14:29:33.33		LN		
PCVE	e PP	14:14:58.71		BZ		
PBDV	e PP	14:15:00.09		BZ		
MORF	e PP	14:15:00.64		BZ		
PFVI	e PP	14:15:03.11		BZ		
PMAR	e PP	14:15:52.91		BZ		
PMOZ	e PP	14:15:52.31		BZ		
	e S	14:22:01.72		LN		
	e -	14:25:27.50		LE		
	e LR	14:55:38.27		LZ	10.08	20

**04-Fev Ho 16:04:38.1 ML 1.1**  
**Lat 41.585°N Lon 05.972°W Prof 5**  
**Região: NW Zamora (ESP) Rms 0.2**  
**AxMax 7.9 AxMin 2.5 Ang 88 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Pg	16:04:49.34		HZ	0.006	0.1
	e Sg	16:04:57.53		HN		
MVO	e P	16:04:54.50		HZ	0.003	0.4
	e S	16:05:06.93		HE		
PVRL	e S	16:05:20.20		SE	0.004	0.3
POLO	e S	16:05:21.10		HN	0.001	0.4
PVIS	e Sg	16:05:31.00		HN	0.003	0.1

**04-Fev Ho 16:47:50.2 ML 1.1**  
**Lat 38.782°N Lon 07.963°W Prof 4**  
**Região: NE Arraiolos Rms 0.3**  
**AxMax 2.2 AxMin 1.4 Ang 80 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Pg	16:47:54.94		HZ	0.017	0.3
	e Sg	16:47:58.54		HN		
PESTR	e Pg	16:47:55.87		HZ	0.005	0.1

	e Sg	16:48:00.13		HN		
PMTG	e Pg	16:47:56.11		HZ	0.005	0.5
	e Sg	16:48:01.28		HN		
PBEJ	e Sg	16:48:13.42		EN	0.003	0.2
PNCL	e P	16:48:05.19		HZ	0.001	0.2
	e S	16:48:15.89		HE		
PBAR	e P	16:48:07.26		HZ	0.003	0.4
	e S	16:48:20.53		HE		
MESJ	e S	16:48:20.43		HE		
PSBE	e P	16:48:08.21		HZ		
	e S	16:48:21.35		HN		
PCVE	e P	16:48:11.22		HZ	0.001	0.1
	e S	16:48:26.31		HN		
PCAS	e S	16:48:32.51		HN		
PVAQ	e S	16:48:32.89		HE	0.001	0.4
PBDV	e P	16:48:17.06		HZ		
	e S	16:48:37.03		HN		

**04-Fev Ho 19:01:55.2 ML 1.5**  
**Lat 43.326°N Lon 07.132°W Prof 14**  
**Região: NE Lugo (ESP) Rms 0.3**  
**AxMax 4.6 AxMin 2.8 Ang 108 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Sg	19:02:42.73		HN	0.002	1.0
PGAV	e Pg	19:02:24.85		HZ	0.005	0.3
	e Sg	19:02:44.19		HE		
POLO	e Sg	19:02:56.83		HE	0.001	0.2
PVRL	e Sg	19:03:00.19		SN	0.004	0.3
MVO	e Sg	19:03:02.27		HN	0.002	0.3

**04-Fev Ho 19:55:04.9 Distante (NEIC) MW 5.1**  
**Lat 09.136°S Lon 122.465°E Prof 138**  
**Região: Savu Sea**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKPdf	20:13:52.42		BZ		
MTE	e PKPdf	20:13:52.90		BZ		
PCBR	e PKPdf	20:13:52.75		SZ		
MORF	e PKPdf	20:13:57.01		BZ		

**04-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVRL	i Pg	c 21:45:23.34		SZ	0.006	0.1
	e Sg	21:45:25.19		SN		
POLO	e Pg	21:45:24.75		HZ	0.002	0.3
	e Sg	21:45:27.48		HE		
MVO	e Sg	21:45:34.63		HE		
PVIS	e Sg	21:45:41.20		HN		
PGAV	e S	21:45:48.76		HN		

**04-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e Pg	23:59:23.32		HZ	0.013	0.1
	e Sg	23:59:24.29		HN		

**05-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Sn	03:35:54.05		HN		

**05-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:32:34.36		HZ	0.003	0.6
	e Sn	04:33:09.03		HE		
	e Sg	04:33:22.13		HE		
PESTR	e Pg	04:32:52.41		HZ	0.002	0.5
	e Sn	04:33:22.77		HE		
PMRV	e Sn	04:33:25.05		HN	0.003	0.7
PVAQ	e Sg	04:33:38.80		HE		
PMTG	e Sg	04:33:57.87		HN		
MTE	e Sg	04:33:59.39		HN	0.004	0.7

**05-Fev Ho 09:20:33.8 ML 1.0**  
**Lat 37.312°N Lon 08.545°W Prof 14**  
**Região: E Monchique Rms 0.2**  
**AxMax 2.4 AxMin 1.9 Ang 150 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e Pg	09:20:36.50		HZ	0.013	0.2
	e Sg	09:20:39.09		HE		
PTEO	e Pg	d 09:20:39.41		EZ	0.010	0.5



PCAS	e Sg	09:22:43.02		HN			
	e Pg	09:22:36.33		HZ	0.010	0.3	
	e Sg	09:22:43.50		HE			
PMRV	e P	09:22:41.47		HZ	0.009	0.1	
	e S	09:22:51.81		HE			
PESTR	e P	09:22:43.85		HZ	0.006	0.5	
	e S	09:22:56.53		HN			
PMAFR	e P	09:22:44.82		HZ	0.020	0.6	
	e S	09:22:58.12		HN			
EVO	e P	09:22:46.78		HZ	0.011	0.1	
	e S	09:23:00.76		HE			
MTE	e P	09:22:46.88		HZ			
	e S	09:23:02.19		HN			
PNCL	e Sg	09:23:12.63		HN	0.004	0.6	
MESJ	e Sg	09:23:20.92		HN			
PBAR	e Pg	09:22:58.43		HZ	0.002	0.3	
	e Sg	09:23:21.78		HN			
MVO	e Sg	09:23:26.83		HN	0.004	0.6	
PCVE	e Sg	09:23:26.84		HE			
PVAQ	e Sg	09:23:36.17		HN			

**06-Fev Ho 12:44:59.6 ML 1.4**  
**Lat 37.559°N Lon 06.095°W Prof 1\***  
**Região: NW Sevilha (ESP) Rms 0.3**  
**AxMax 2.9 AxMin 2.0 Ang 159 ErrZ 0**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	12:45:16.98		HZ	0.004	0.2
	e S	12:45:30.96		HE		
PVAQ	e P	12:45:22.71		HE		
	e S	12:45:41.12		HE		
PBDV	e Pn	12:45:26.42		HZ		
	e Sg	12:45:47.51		HE		
PCVE	e Pg	12:45:27.50		HZ	0.003	0.4
	e Sg	12:45:49.12		HN		
MESJ	e Pn	12:45:29.57		HZ	0.005	1.0
	e Pg	12:45:31.14		HZ		
	e Sg	12:45:54.06		HN		
PESTR	e Pg	12:45:32.21		HZ		
	e Sg	12:45:56.96		HN		
PNCL	e Pg	12:45:35.91		HZ		
	e Sg	12:46:03.68		HN		
PMRV	e Pg	12:45:39.45		HZ	0.002	0.5
	e Sg	12:46:07.90		HE		
PMTG	e Sg	12:46:11.54		HN		

**06-Fev Ho 13:17:45.8 Distante (NEIC) MB 4.8**  
**Lat 10.150°N Lon 43.250°W Prof 13**  
**Região: Northern Mid-Atlantic Ridge**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMAR	e T	13:57:25.82		HZ		
PMOZ	e T	13:57:23.97		HZ		
PMSOL	e T	13:57:17.55		SZ		

**06-Fev Ho 14:26:34.7 ML 2.9**  
**Lat 39.457°N Lon 02.558°W Prof 18**  
**Região: SW Cuenca (ESP) Rms 0.4**  
**AxMax 1.3 AxMin 1.1 Ang 101 ErrZ 2**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pn	14:27:30.54		HZ	0.034	0.4
	e Sn	14:28:12.64		HE		
	e Sg	14:28:29.32		HE		
PMRV	e Pn	14:27:30.59		HZ	0.040	0.5
	e Sn	14:28:13.91		HE		
	e Sg	14:28:29.79		HE		
PCBR	e Pn	14:27:31.98		EZ	0.022	0.3
	e Sn	14:28:14.41		EE		
	e Sg	14:28:32.10		EE		
MVO	e Pn	14:27:31.70		HZ	0.020	0.5
	e Sg	14:28:34.22		HN		
MTE	e Pn	14:27:33.51		HZ	0.026	0.6
	e Sn	14:28:18.97		HE		
	e Sg	14:28:35.64		HE		
PBRG	e Pn	14:27:33.54		HZ	0.013	0.4
	e Pg	14:27:46.41		HZ		
	e Sg	14:28:37.41		HE		
PESTR	e Pn	14:27:33.75		HZ	0.026	0.6
	e Sg	14:28:36.06		HN		
EVO	e Sn	14:28:28.19		HE	0.023	0.6

	e Sg	14:28:47.94		HN			
PBEJ	e Sg	14:28:50.38		EN	0.015	0.6	
PMTG	e Pn	14:27:39.82		HZ	0.020	0.4	
	e Sn	14:28:29.31		HN			
	e Sg	14:28:48.56		HN			
POLO	e Pn	14:27:40.08		HZ	0.006	0.7	
	e Sg	14:28:53.07		HN			
PVAQ	e Sg	14:28:53.71		HE			
PCAS	e Pn	14:27:42.81		HZ	0.015	0.6	
	e Sg	14:28:56.30		HN			
PCVE	e Pn	14:27:43.82		HZ	0.011	0.5	
	e Sg	14:28:59.40		HN			
MESJ	e Sn	14:28:35.79		HN	0.016	0.4	
	e Sg	14:29:00.49		HN			
PCAB	e Pn	14:27:43.98		HZ	0.009	0.2	
	e Sg	14:29:01.82		HE			
PBDV	e Sg	14:29:02.47		HE	0.012	0.5	
PNCL	e Pn	14:27:45.78		HZ	0.012	0.4	
	e Sn	14:28:39.95		HE			
	e Sg	14:29:05.23		HN			
PGAV	e Pn	14:27:48.17		HZ	0.010	0.5	
	e Pg	14:28:06.89		HZ			
	e Sg	14:29:09.10		HE			
PTEO	e Sg	14:29:15.10		EE	0.018	0.6	

**06-Fev Ho 15:50:41.0 Distante (NEIC) MW 6.4**  
**Lat 24.160°N Lon 121.680°E**  
**Região: Taiwan Prof 9**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e Pdif	16:04:37.01		BZ		
	e PP	16:08:36.37		BZ		
MVO	e Pdif	16:04:32.53		BZ		
	e PP	16:08:40.56		BZ		
	e S	16:15:36.91		LE		
	e SS	16:23:07.55		LN		
	e LQ	16:36:59.71		LE		
	e LR	16:44:17.32		LZ	24.37	18
PGAV	e Pdif	16:04:37.01		BZ		
	e PP	16:08:39.56		BZ		
	e S	16:15:36.07		LN		
	e SS	16:23:12.78		LN		
	e LQ	16:37:39.55		LN		
	e LR	16:43:14.46		LZ	17.23	18
POLO	e Pdif	16:04:36.35		BZ		
	e PP	16:08:44.81		BZ		
MTE	e Pdif	16:04:39.67		BZ		
	e PP	16:08:46.37		BZ		
	e S	16:15:41.18		LN		
	e SS	16:23:19.55		LN		
	e LQ	16:36:07.79		LE		
	e LR	16:44:28.19		LZ	18.02	16
PMRV	e Pdif	16:04:46.31		BZ		
	e PP	16:08:53.48		BZ		
	e S	16:15:45.18		LE		
	e SS	16:23:41.27		LN		
	e LQ	16:39:07.70		LN		
	e LR	16:46:59.13		LZ	23.29	18
COI	e Pdif	16:04:39.67		BZ		
	e PP	16:08:52.98		BZ		
PCAS	e Pdif	16:04:43.65		BZ		
	e PP	16:08:54.21		BZ		
PESTR	e Pdif	16:04:45.12		BZ		
	e PP	16:08:55.83		BZ		
PBAR	e PP	16:08:54.41		BZ		
PMTG	e PP	16:08:56.59		BZ		
PSBE	e Pdif	16:04:44.98		BZ		
	e PP	16:08:56.46		BZ		
EVO	e Pdif	16:04:45.13		BZ		
	e PP	16:08:58.56		BZ		
PBEJ	e PP	16:09:00.56		SZ		
PMAFR	e PP	16:09:03.51		BZ		
GGNV	e Pdif	16:04:50.96		BZ		
	e PP	16:09:08.12		BZ		
PNCL	e Pdif	16:04:47.64		BZ		
	e PP	16:09:02.96		BZ		
MESJ	e PP	16:09:03.06		BZ		
PVAQ	e S	16:15:52.76		LN		
	e SS	16:23:50.86		LN		



PCVE	e Pdif	16:04:49.22	BZ					PCVE	e Pg	01:25:11.79	HZ	0.003	0.6
	e PP	16:09:01.72	BZ						e Sg	01:25:19.21	HE		
PSES	e PP	16:09:01.67	BZ					MESJ	e Pg	01:25:13.19	HZ	0.009	0.6
PBDV	e PP	16:09:02.86	BZ						e Sg	01:25:21.57	HE		
MORF	e PP	16:09:05.22	BZ					PVAQ	e Pg	01:25:14.23	HN		
PFVI	e PP	16:09:08.76	BZ						e Sg	01:25:23.27	HE		
PMPST	e PP	16:10:04.63	BZ					PNCL	e P	01:25:16.87	HZ	0.002	0.4
PMAR	e PP	16:10:06.42	BZ						e S	01:25:27.56	HN		
PMOZ	e PP	16:10:06.98	BZ					PBEJ	e S	01:25:30.40	EN		
	e LQ	16:43:16.27	LE					EVO	e Sn	01:25:41.49	HN		
	e LR	16:49:48.36	LZ	12.58	18				e Sg	01:25:42.92	HE		
								PBAR	e Sn	01:25:44.89	HN	0.002	0.7
									e Sg	01:25:47.92	HE		
								PMTG	e Sg	01:25:57.79	HE		

**06-Fev Ho 20:22:13.3 ML 2.5**  
**Lat 37.163°N Lon 03.694°W Prof 2\***  
**Região: NW Granada (ESP) Rms 0.4**  
**AxMax 1.6 AxMin 1.3 Ang 178 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	20:22:57.86		HZ	0.011	0.3
	e Sn	20:23:31.99		HE		
PVAQ	e Pn	20:23:03.46		HE		
	e Sn	20:23:41.84		HE		
	e Sg	20:23:56.26		HE		
PBDV	e Pn	20:23:06.33		HZ	0.007	0.4
	e Sn	20:23:45.82		HN		
PCVE	e Pn	20:23:07.56		HZ	0.006	0.5
	e Sn	20:23:48.12		HN		
	e Sg	20:24:05.08		HN		
PESTR	e Pn	20:23:08.13		HZ	0.010	0.3
	e Sn	20:23:48.95		HE		
	e Sg	20:24:05.42		HE		
MESJ	e Pn	20:23:09.99		HZ	0.005	0.6
	e Sn	20:23:52.21		HN		
	e Sg	20:24:10.06		HE		
EVO	e Pn	20:23:10.90		HZ	0.007	0.3
	e Sn	20:23:53.51		HN		
PMRV	e Pn	20:23:10.72		HZ	0.011	0.4
	e Sn	20:23:54.42		HE		
	e Sg	20:24:09.54		HN		
PNCL	e Pn	20:23:14.07		HZ	0.005	0.6
	e Sn	20:23:58.28		HE		
PCBR	e Pn	20:23:14.83		EZ	0.006	0.6
	e Sn	20:23:59.95		EN		
	e Sg	20:24:20.23		EE		
PTEO	e Sn	20:24:01.56		EN	0.016	0.7
PMTG	e Pn	20:23:15.27		HZ	0.011	0.6
	e Sn	20:24:01.26		HE		
MTE	e Sg	20:24:34.04		HN	0.008	0.6
PCAS	e Sn	20:24:17.61		HE	0.005	0.4
MVO	e Pn	20:23:25.47		HZ	0.007	0.6
	e Sn	20:24:18.51		HN		
	e Sg	20:24:44.72		HN		
POLO	e Pn	20:23:32.52		HZ		
PGAV	e Pn	20:23:41.63		HZ		

**07-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pg	00:53:49.68		HZ	0.002	0.4
	e Sn	00:54:14.76		HN		
	e Sg	00:54:26.43		HN		
PMRV	e Pg	00:53:55.49		HZ	0.004	0.7
	e Sg	00:54:46.89		HN		
PVAQ	e Sn	00:54:28.54		HE		
	e Sg	00:54:45.02		HN		
PESTR	e Sg	00:54:46.24		HN		

**07-Fev Ho 01:25:02.0 ML 1.0**  
**Lat 37.289°N Lon 08.543°W Prof 14**  
**Região: SE Monchique Rms 0.3**  
**AxMax 2.2 AxMin 1.6 Ang 140 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	i Pg	d 01:25:04.54		HZ	0.014	0.3
	e Sg	01:25:06.99		HN		
PFVI	e Pg	01:25:07.36		HZ	0.010	0.9
	e Sg	01:25:11.38		HE		
PTEO	e Pg	01:25:07.92		EZ	0.006	0.7
	e Sg	01:25:12.07		EN		
PBDV	e Pg	01:25:11.04		HZ	0.005	0.6
	e Sg	01:25:18.18		HN		

**07-Fev Ho 01:31:53.2 ML 2.3**  
**Lat 35.433°N Lon 03.672°W Prof 17\***  
**Região: NE Al Hoceima (MARR) Rms 0.5**  
**AxMax 3.6 AxMin 3.1 Ang 12 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	01:32:49.80		HN		
	e S	01:33:31.80		HE		
PBAR	e P	01:32:50.06		HZ	0.003	0.4
	e S	01:33:33.42		HE		
PBDV	e P	01:32:50.45		HZ	0.005	0.8
	e S	01:33:35.08		HE		
PCVE	e P	01:32:54.86		HZ	0.004	0.7
	e S	01:33:40.91		HN		
PBEJ	e P	01:32:56.59		EZ		
	e S	01:33:44.15		EE		
MESJ	e P	01:32:57.63		HZ	0.004	0.6
	e S	01:33:46.27		HN		
MORF	e P	01:32:59.03		HZ	0.004	0.9
	e S	01:33:47.77		HN		
PFVI	e P	01:32:58.90		HZ		
	e S	01:33:48.95		HN		
PTEO	e P	01:33:01.06		EZ	0.008	0.6
	e S	01:33:51.30		EE		
PESTR	e P	01:33:02.21		HZ		
EVO	e P	01:33:01.75		HZ	0.002	0.4
	e S	01:33:52.28		HN		
PNCL	e P	01:33:02.04		HZ	0.003	0.6
	e S	01:33:55.04		HN		
PMRV	e P	01:33:06.43		HZ	0.003	0.6
	e S	01:34:00.02		HE		
PMTG	e P	01:33:08.53		HZ		
	e S	01:34:05.89		HN		
PCBR	e P	01:33:11.83		EZ		
PSBE	e P	01:33:17.96		HZ		
MTE	e P	01:33:18.88		HZ	0.004	0.7
MVO	e P	01:33:25.23		HZ		
PBRG	e P	01:33:32.44		HZ		

**07-Fev Ho 09:02:01.6 ML 1.9**  
**Lat 36.175°N Lon 08.539°W Prof 13\***  
**Região: SE Cabo S.Vicente Rms 0.4**  
**AxMax 8.1 AxMin 4.5 Ang 76 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	09:02:19.40		HZ	0.016	0.1
	e S	09:02:32.42		HN		
MORF	e P	09:02:22.02		HZ	0.016	0.1
	e S	09:02:36.61		HE		
PBDV	e P	09:02:22.94		HZ	0.010	0.4
	e S	09:02:37.64		HN		
PTEO	e P	09:02:27.31		EZ	0.010	1.0
	e S	09:02:44.22		EN		
PVAQ	e P	09:02:26.78		HN		
	e S	09:02:43.14		HN		
PCVE	e Pn	09:02:26.22		HZ	0.006	0.3
	e Sg	09:02:47.93		HN		
MESJ	e Pn	09:02:28.63		HZ	0.006	0.4
	e Sg	09:02:53.07		HN		
PBEJ	e Sg	09:03:01.65		EN		
PNCL	e Sn	09:02:55.63		HN	0.006	1.0
	e Sg	09:03:00.95		HN		
PBAR	e Pn	09:02:38.66		HZ	0.003	0.2
	e Pg	09:02:44.92		HZ		
	e Sn	09:03:05.63		HN		

e Sg 09:03:13.36 HE  
PESTR e Sg 09:03:27.25 HE

**07-Fev Ho 10:09:43.3 ML 2.2**  
**Lat 36.615°N Lon 10.506°W Prof 19\***  
**Região: Gorringe Rms 0.4**  
**AxMax 6.5 AxMin 4.1 Ang 80 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	d 10:10:06.57		HZ	0.024	0.2
	e S	10:10:24.12		HE		
MORF	e P	10:10:09.79		HZ	0.021	0.3
	e S	10:10:29.19		HN		
PTEO	e S	10:10:30.49		EN	0.013	0.7
PSES	e S	10:10:40.51		HN	0.036	0.2
PBDV	e P	10:10:16.81		HZ	0.007	0.5
	e S	10:10:41.99		HE		
PNCL	e P	10:10:16.42		HZ	0.007	0.3
	e S	10:10:41.88		HE		
MESJ	e P	10:10:17.62		HZ	0.007	0.1
	e S	10:10:42.47		HE		
PCVE	e P	10:10:17.46		HZ	0.005	0.7
	e S	10:10:42.82		HN		
PVAQ	e P	10:10:19.73		HN		
	e S	10:10:46.49		HE		
PMAFR	e S	10:10:50.19		HN	0.020	0.4
PBEJ	e S	10:10:50.27		EN		
EVO	e S	10:10:55.64		HN	0.007	0.2
PMTG	e P	10:10:35.48		HZ	0.004	0.7
	e S	10:11:02.43		HE		
PBAR	e P	10:10:30.53		HZ	0.003	0.2
	e S	10:11:05.63		HE		
PSBE	e S	10:11:07.91		HN	0.016	0.6
PESTR	e P	10:10:35.44		HZ	0.003	0.8
	e S	10:11:07.39		HE		
PMRV	e P	10:10:37.87		HZ	0.003	0.2
	e S	10:11:18.68		HE		
PCAS	e S	10:11:20.88		HE		
PCBR	e S	10:11:26.08		EN		
POLO	e S	10:11:53.94		HN	0.003	0.7
MVO	e S	10:11:56.04		HN		
PGAV	e P	10:11:07.22		HZ	0.005	0.8
	e S	10:12:04.63		HN		

**07-Fev Ho 11:20:52.9 ML 1.5**  
**Lat 36.412°N Lon 07.794°W Prof 12\***  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 11.2 AxMin 7.0 Ang 149 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	11:21:07.74		HZ	0.007	0.5
	e S	11:21:19.76		HN		
PVAQ	e P	11:21:10.28		HE		
	e S	11:21:23.58		HE		
PFVI	e P	11:21:12.71		HZ	0.011	0.4
	e S	11:21:27.26		HN		
MORF	e S	11:21:28.31		HN	0.009	0.4
PCVE	e P	11:21:12.73		HZ	0.003	0.7
	e S	11:21:31.10		HN		
MESJ	e Sg	11:21:37.27		HE	0.003	0.1
PNCL	e Sg	11:21:47.97		HE	0.003	0.6
PBAR	e Pg	11:21:27.48		HZ	0.002	0.4
	e Sn	11:21:45.59		HN		
	e Sg	11:21:50.75		HE		

**07-Fev Ho 12:03:28.1 Distante (NEIC) MB 5.3**  
**Lat 20.645°S Lon 178.175°W Prof 582**  
**Região: Fiji Islands Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKPdf	12:22:17.80		BZ		
	e PKPab	12:22:51.95		BZ		
PBRG	e PKPab	12:22:54.50		BZ		
MVO	e PKPdf	12:22:19.26		BZ		
	e PKPab	12:22:56.94		BZ		
COI	e PKPab	12:22:58.72		BZ		
PCAS	e PKPab	12:22:58.90		BZ		
MTE	e PKPdf	12:22:19.79		BZ		
	e PKPab	12:22:59.10		BZ		
PCBR	e PKPdf	12:22:20.67		SZ		
	e PKPab	12:23:01.38		SZ		

PMAFR e PKPab 12:23:02.01 BZ  
PMRV e PKPdf 12:22:20.26 BZ  
e PKPab 12:23:03.02 BZ  
PMTG e PKPab 12:23:02.70 BZ  
PSES e PKPab 12:23:04.25 BZ  
PESTR e PKPab 12:23:04.78 BZ  
EVO e PKPab 12:23:05.57 BZ  
PNCL e PKPdf 12:22:22.13 BZ  
e PKPab 12:23:06.07 BZ  
PBEJ e PKPdf 12:22:22.59 SZ  
e PKPab 12:23:07.73 SZ  
MESJ e PKPdf 12:22:22.49 BZ  
e PKPab 12:23:07.96 BZ  
PTEO e PKPdf 12:22:22.16 SZ  
e PKPab 12:23:08.28 SZ  
PBAR e PKPdf 12:22:22.43 BZ  
e PKPab 12:23:08.16 BZ  
PCVE e PKPdf 12:22:23.21 BZ  
e PKPab 12:23:09.19 BZ  
MORF e PKPdf 12:22:23.18 BZ  
e PKPab 12:23:09.93 BZ  
PFVI e PKPdf 12:22:23.62 BZ  
e PKPab 12:23:09.39 BZ  
PVAQ e PKPab 12:23:10.87 BZ

**07-Fev Ho 15:06:25.1 ML 2.4**  
**Lat 43.406°N Lon 08.354°W Prof 16**  
**Região: NE Coruna (ESP) Rms 0.5**  
**AxMax 6.2 AxMin 3.3 Ang 125 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	15:06:51.20		HZ	0.019	0.2
	e S	15:07:10.13		HE		
PCAB	e Pg	15:06:56.11		HZ	0.042	0.2
	e Sg	15:07:18.25		HE		
PBRG	e Pg	15:07:01.65		HZ	0.022	0.4
	e Sg	15:07:27.01		HE		
POLO	e Pn	15:06:58.92		HZ	0.008	0.8
	e Sg	15:07:28.97		HE		
PVRL	e Sg	15:07:32.38		SN	0.019	0.1
MVO	e Pn	15:07:04.05		HZ	0.015	0.2
	e Sn	15:07:31.28		HE		
	e Sg	15:07:41.03		HE		
MTE	e Sg	15:08:00.75		HE	0.011	0.5
PCAS	e Sg	15:08:09.38		HN		
PCBR	e Sg	15:08:16.32		EE		

**07-Fev Ho 17:03:49.2 ML 1.5**  
**Lat 38.844°N Lon 08.326°W Prof 22**  
**Região: SW Mora Rms 0.3**  
**AxMax 2.8 AxMin 2.5 Ang 83 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMTG	i Pg	c 17:03:54.75		HZ	0.038	0.2
	e Sg	17:03:58.79		HE		
EVO	i Pg	d 17:03:57.47		HZ	0.020	0.1
	e Sg	17:04:03.50		HN		
PESTR	e Pg	17:04:00.14		HZ	0.009	0.2
	e Sg	17:04:07.89		HN		
PSES	e P	17:04:04.21		HZ		
	e S	17:04:14.47		HN		
PNCL	e P	17:04:03.66		HZ	0.015	0.1
	e S	17:04:12.97		HN		
PMAFR	e P	17:04:03.39		HZ	0.015	0.2
	e S	17:04:13.13		HN		
PSBE	e P	17:04:03.09		HZ	0.010	0.4
	e S	17:04:13.44		HE		
PBEJ	e S	17:04:17.92		EN	0.003	0.3
PMRV	e P	c 17:04:05.88		HZ	0.003	0.2
	e S	17:04:18.07		HE		
MESJ	e P	17:04:07.84		HZ	0.007	0.2
	e S	17:04:20.52		HE		
PCBR	e P	17:04:10.42		EZ	0.004	0.5
	e S	17:04:25.13		EN		
PBAR	e P	17:04:10.75		HZ	0.003	0.1
	e S	17:04:26.52		HN		
PCAS	e S	17:04:26.43		HE	0.006	0.9
PCVE	e P	17:04:09.65		HZ	0.005	0.6
	e S	17:04:27.23		HE		
PTEO	e S	17:04:31.23		EE	0.008	0.5

PVAQ	e Pg	17:04:17.51	HE		PESTR	e P	10:53:20.81	HZ	0.006	0.4
	e Sg	17:04:35.85	HN			e S	10:53:38.41	HN		
MORF	e Sg	17:04:37.67	HN	0.006	MESJ	e P	c 10:53:21.82	HZ	0.007	0.2
PBDV	e Sg	17:04:38.69	HE	0.003		e S	10:53:39.79	HE		

**07-Fev Ho 18:16:53.0 ML 2.0**  
**Lat 35.805°N Lon 04.810°W Prof 90**  
**Região: Alboran Rms 0.4**  
**AxMax 4.2 AxMin 4.1 Ang 164 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	18:17:37.14		HN		
	e S	18:18:07.21		HE		
PBDV	e P	18:17:36.74		HZ	0.002	0.1
	e S	18:18:08.99		HN		
PBAR	e P	18:17:38.04		HZ	0.003	0.5
	e S	18:18:10.47		HE		
PCVE	e P	18:17:40.74		HZ	0.003	0.7
	e S	18:18:15.26		HE		
MESJ	e S	18:18:20.72		HN	0.004	0.5
MORF	e P	18:17:43.91		HZ	0.003	0.2
	e S	18:18:21.42		HE		
PFVI	e S	18:18:23.16		HN		
PTEO	e P	18:17:46.86		EZ		
	e S	18:18:25.93		EE		
EVO	e S	18:18:29.68		HN		
PNCL	e S	18:18:28.64		HN	0.002	0.1
PESTR	e S	18:18:29.73		HN	0.005	0.6
PMRV	e S	18:18:37.97		HN		

**08-Fev Ho 02:29:16.0 Distante (IPMA) ML 1.8**  
**Lat 80.490°N Lon 08.600°E Prof 10**  
**Região: Svalbard Region Rms 0.4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	02:36:39.45		BZ	0.077	1.7
PBRG	e P	02:36:40.31		BZ	0.128	1.8
POLO	e P	02:36:45.43		BZ	0.061	1.8
PVRL	e P	02:36:45.87		SZ	0.104	1.7
MVO	e P	02:36:44.40		BZ	0.092	1.3
MTE	e P	02:36:53.79		BZ	0.079	1.6
PCAS	e P	02:36:57.52		BZ	0.135	1.6
PCBR	e P	02:36:59.21		SZ	0.117	1.5
PMRV	e P	02:37:01.75		BZ	0.115	1.7
PMTG	e P	02:37:01.44		BZ	0.086	1.4
PESTR	e P	02:37:05.36		BZ	0.081	2.1
PBAR	e P	02:37:10.33		BZ	0.127	1.8
PNCL	e P	02:37:09.79		BZ		
PBEJ	e P	02:37:11.99		SZ	0.139	1.7
MESJ	e P	02:37:14.87		BZ		
PCVE	e P	02:37:22.86		BZ	0.072	1.8
PBDV	e P	02:37:20.86		BZ		

**08-Fev Ho 10:52:58.3 ML 1.8**  
**Lat 38.946°N Lon 09.229°W Prof 7**  
**Região: E Mafra Rms 0.4**  
**AxMax 5.1 AxMin 2.3 Ang 88 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	i Pg	10:52:59.34		HZ	0.167	0.1
	e Sg	10:53:01.30		HE		
INMG	e Pg	10:53:02.00		HZ		
	e Sg	10:53:05.37		HN		
GGNV	i Pg	c 10:53:02.55		HZ	0.150	0.5
	e Sg	10:53:06.70		HN		
PBEN	e Sg	10:53:10.57		HN		
FACT	e Pg	10:53:05.32		BZ	0.049	0.6
	e Sg	10:53:11.51		BN		
PCDRA	e Sg	10:53:13.64		HN		
PSES	e Pg	10:53:07.36		HZ	0.061	0.2
	e Sg	10:53:14.73		HE		
PSBE	e Pg	d 10:53:10.21		HZ		
	e Sg	10:53:19.28		HE		
PMTG	i P	c 10:53:12.65		HZ	0.019	0.2
	e S	10:53:23.72		HN		
PNCL	e P	10:53:15.86		HZ	0.008	0.4
	e S	10:53:29.82		HN		
EVO	e P	10:53:16.87		HZ	0.018	0.2
	e S	10:53:31.37		HE		
PCAS	e P	10:53:20.22		HZ	0.006	0.7
	e S	10:53:36.68		HE		

	e P	10:53:20.81	HZ	0.006	0.4
	e S	10:53:38.41	HN		
MESJ	e P	c 10:53:21.82	HZ	0.007	0.2
	e S	10:53:39.79	HE		
PTEO	e S	10:53:42.57	EN	0.012	0.7
PMRV	e P	10:53:24.73	HZ	0.008	0.8
	e S	10:53:43.65	HN		
PCVE	e Pn	10:53:26.07	HZ	0.005	0.8
	e Sg	10:53:48.83	HE		
PCBR	e Sn	10:53:47.89	EN	0.004	0.2
MORF	e Pn	10:53:26.99	HZ	0.008	0.3
	e Pg	10:53:29.28	HZ		
	e Sn	10:53:49.26	HN		
PFVI	e Sg	10:53:55.45	HN	0.006	0.2
PBAR	e Pn	10:53:28.66	HZ	0.004	0.4
	e Pg	10:53:32.59	HZ		
	e Sn	10:53:52.48	HN		
	e Sg	10:53:57.30	HN		
PVAQ	e Pn	10:53:29.86	HE		
	e Pg	10:53:31.97	HE		
	e Sg	10:54:00.36	HN		
PBDV	e Pg	10:53:33.06	HZ	0.006	0.7
	e Sg	10:54:00.84	HN		

**08-Fev Ho 11:04:01.3 Distante (NEIC) MW 5.6**  
**Lat 52.568°N Lon 179.452°W Prof 211**  
**Região: Andeanof Islands, Aleutian Is.**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	11:16:15.55		BZ	0.081	1.7
PBRG	e P	11:16:15.05		BZ	0.047	1.7
POLO	e P	11:16:17.76		BZ	0.020	1.9
PVRL	e P	11:16:18.54		SZ	0.062	1.8
MVO	e P	11:16:19.15		BZ	0.068	1.0
MTE	e P	11:16:22.63		BZ	0.058	0.9
COI	e P	11:16:23.53		BZ	0.144	1.1
PCAS	e P	11:16:23.65		BZ	0.071	1.3
PCBR	e P	11:16:24.81		SZ	0.050	1.1
PMRV	e P	11:16:26.66		BZ	0.093	1.8
PMTG	e P	11:16:27.70		BZ	0.050	1.5
PMAFR	e P	11:16:28.94		BZ		
PESTR	e P	11:16:29.29		BZ	0.071	1.6
EVO	e P	11:16:30.84		BZ	0.062	1.4
PBAR	e P	11:16:32.85		BZ	0.098	1.5
PBEJ	e P	11:16:33.54		SZ	0.053	1.5
PCVE	e P	11:16:35.21		BZ		

**08-Fev Ho 16:04:13.0 ML 0.8**  
**Lat 37.298°N Lon 08.569°W Prof 10**  
**Região: SW Monchique Rms 0.3**  
**AxMax 2.7 AxMin 2.0 Ang 144 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e Pg	c 16:04:15.03		HZ	0.043	0.2
	e Sg	16:04:16.80		HN		
PFVI	e Pg	16:04:17.99		HZ	0.010	0.5
	e Sg	16:04:21.64		HN		
PTEO	e Pg	d 16:04:18.26		EZ		
	e Sg	16:04:22.10		EE		
PBDV	e Sg	16:04:29.91		HE	0.002	0.2
PCVE	e Pg	16:04:23.11		HZ		
	e Sg	16:04:29.65		HE		
MESJ	e Sg	16:04:32.58		HN		
PVAQ	e Pg	16:04:25.81		HN		
	e Sg	16:04:34.45		HE		
PNCL	e P	16:04:28.13		HZ	0.002	0.2
	e S	16:04:38.61		HN		
PBAR	e Sg	16:05:00.42		HE		

**08-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pg	18:54:49.40		HZ	0.002	0.8
	e Sn	18:55:16.26		HE		
	e Sg	18:55:27.03		HN		
PESTR	e Sn	18:55:29.36		HE		
	e Sg	18:55:45.74		HN		
PVAQ	e Sn	18:55:29.63		HN		
	e Sg	18:55:44.39		HN		

**08-Fev Ho 21:19:23.7 Distante (NEIC) MW 5.6**  
**Lat 37.418°S Lon 74.037°W Prof 10**  
**Região: Off Coast of Central Chile**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MTE	e LR	22:11:46.36		LZ	2.199	20
MVO	e LR	22:12:14.83		LZ	2.352	20
PGAV	e LR	22:11:48.09		LZ	1.770	20
PMRV	e LR	22:13:00.16		LZ	1.186	20

**08-Fev Ho 23:02:12.7 ML 2.2**  
**Lat 40.989°N Lon 00.909°W Prof 12**  
**Região: NE Teruel (ESP) Rms 0.4**  
**AxMax 2.3 AxMin 1.7 Ang 98 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e Pn	23:03:21.56		HZ	0.003	0.4
	e Sn	23:04:13.85		HN		
PCBR	e Sn	23:04:23.44		EE	0.002	0.6
PVRL	e Pn	23:03:28.81		SZ		
PMRV	e Pn	23:03:29.73		HZ	0.003	0.2
	e Sn	23:04:24.58		HN		
POLO	e Sn	23:04:27.39		HE		
PCAB	e Pn	23:03:32.64		HZ		
PBAR	e Sn	23:04:31.52		HN	0.002	0.5
PESTR	e Pn	23:03:33.96		HZ		
	e Sn	23:04:31.91		HE		
PGAV	e Pn	23:03:35.79		HZ		
PCAS	e Sn	23:04:41.92		HN		
PMTG	e Sn	23:04:42.68		HE		

**08-Fev Ho 23:15:30.1 ML 1.6**  
**Lat 36.962°N Lon 05.271°W Prof 18**  
**Região: SE Sevilha (ESP) Rms 0.4**  
**AxMax 2.4 AxMin 2.2 Ang 133 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	23:15:59.85		HZ	0.003	0.4
	e S	23:16:24.56		HE		
PVAQ	e P	23:16:01.82		HE		
	e S	23:16:25.77		HN		
PBDV	e P	23:16:04.23		HZ	0.002	0.3
	e S	23:16:29.58		HN		
PCVE	e P	23:16:06.16		HZ		
MESJ	e P	23:16:09.12		HZ		
PNCL	e P	23:16:13.34		HZ		
PFVI	e S	23:16:47.70		HN		
PMRV	e S	23:16:50.34		HN	0.002	0.5

**09-Fev Ho 01:39:08.7 ML 1.7**  
**Lat 36.583°N Lon 11.085°W Prof 12**  
**Região: Gorringe Rms 0.4**  
**AxMax 23.2 AxMin 6.3 Ang 85 ErrZ 24**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	01:39:38.81		HZ	0.010	0.8
	e S	01:40:01.18		HN		
MORF	e P	01:39:41.49		HZ		
	e S	01:40:06.20		HN		
PTEO	e P	01:39:42.37		EZ		
	e S	01:40:06.99		EN		
PSES	e P	01:39:45.70		HZ		
PNCL	e P	01:39:47.95		HZ	0.002	0.6
	e S	01:40:17.33		HN		
MESJ	e P	01:39:48.87		HZ		
	e S	01:40:19.38		HE		
PCVE	e P	01:39:49.60		HZ	0.002	0.5
	e S	01:40:19.84		HN		
PVAQ	e P	01:39:52.24		HN		
	e S	01:40:23.89		HN		
EVO	e S	01:40:32.79		HN		
PMTG	e P	01:39:58.56		HZ		
	e S	01:40:37.57		HE		
PBAR	e P	01:40:02.65		HZ		
	e S	01:40:42.83		HN		
PMRV	e P	01:40:08.47		HZ		
	e S	01:40:54.03		HN		

**09-Fev Ho 02:02:18.8 ML 2.2**  
**Lat 36.660°N Lon 11.242°W Prof 31**  
**Região: Gorringe Rms 0.4**  
**AxMax 14.0 AxMin 3.9 Ang 64 ErrZ 19**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	02:02:48.54		HZ	0.022	0.1
	e S	02:03:10.03		HN		
MORF	e P	02:02:51.24		HZ	0.016	0.3
	e S	02:03:14.60		HE		
PTEO	e P	02:02:51.55		EZ	0.007	0.2
	e S	02:03:15.91		EN		
PSES	e P	02:02:54.73		HZ	0.017	0.2
	e S	02:03:22.20		HN		
PNCL	e P	02:02:57.11		HZ	0.007	0.3
	e S	02:03:25.91		HE		
MESJ	e P	02:02:58.15		HZ	0.004	0.1
	e S	02:03:27.32		HE		
PBDV	e P	02:02:59.01		HZ	0.006	0.3
	e S	02:03:28.10		HE		
PCVE	e P	02:02:59.17		HZ	0.006	0.1
	e S	02:03:28.45		HN		
PMAFR	e P	02:02:59.05		HZ	0.016	1.0
	e S	02:03:29.21		HN		
PVAQ	e P	02:03:01.99		HN		
	e S	02:03:32.81		HE		
PBEJ	e P	02:03:02.36		EZ	0.003	0.2
	e S	02:03:35.50		EE		
EVO	e P	02:03:04.89		HZ	0.006	0.1
	e S	02:03:39.12		HN		
PMTG	e P	02:03:07.28		HZ	0.003	0.1
	e S	02:03:44.76		HE		
PSBE	e P	02:03:08.54		HZ		
	e S	02:03:46.03		HE		
PESTR	e P	02:03:11.57		HZ	0.003	0.6
	e S	02:03:50.41		HN		
PBAR	e P	02:03:11.93		HZ	0.003	0.1
	e S	02:03:50.95		HN		
PCAS	e P	02:03:16.10		HZ	0.003	0.5
	e S	02:04:00.17		HN		
PMRV	e P	02:03:17.19		HZ	0.003	0.4
	e S	02:04:01.96		HE		
PCBR	e P	02:03:21.19		EZ	0.002	0.3
	e S	02:04:08.39		EN		
MTE	e P	02:03:25.98		HZ	0.003	0.7
	e S	02:04:16.87		HN		
PVRL	e S	02:04:31.44		SE	0.002	0.4
POLO	e P	02:03:35.05		HZ	0.001	0.6
	e S	02:04:33.04		HN		
MVO	e P	02:03:37.21		HZ	0.002	0.4
	e S	02:04:36.43		HE		
PCAB	e P	02:03:37.90		HZ		
	e S	02:04:37.93		HN		
PGAV	e P	02:03:40.01		HZ	0.004	0.6
	e S	02:04:41.86		HN		
PBRG	e S	02:04:51.79		HE		

**09-Fev Ho 02:17:00.5 ML 2.1**  
**Lat 36.306°N Lon 08.964°W Prof 19**  
**Região: S Cabo S.Vicente Rms 0.3**  
**AxMax 5.7 AxMin 2.6 Ang 55 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	02:17:15.37		HZ	0.019	0.1
	e S	02:17:26.96		HN		
MORF	e P	02:17:18.22		HZ	0.038	0.2
	e S	02:17:31.98		HN		
PBDV	e P	02:17:21.61		HZ	0.013	0.4
	e S	02:17:37.26		HN		
PTEO	e P	02:17:21.39		EZ	0.016	0.5
	e S	02:17:37.26		EN		
PVAQ	e P	02:17:24.74		HN		
	e S	02:17:42.63		HE		
PCVE	e P	02:17:25.20		HZ	0.009	0.2
	e S	02:17:43.73		HE		
MESJ	e P	02:17:26.98		HZ	0.009	0.2
	e S	02:17:46.50		HN		
PNCL	e P	02:17:29.81		HZ	0.006	0.2

PBEJ	e S	02:17:50.57	HN					MESJ	e S	03:10:54.04	HE				
PBEJ	e P	02:17:30.49	EZ	0.005	0.6			MESJ	e P	03:10:42.35	HZ	0.003	0.7		
	e S	02:17:53.34	EE						e S	03:10:54.57	HN				
PSES	e P	02:17:33.79	HZ	0.015	0.4			PSBE	e P	03:10:42.74	HZ				
	e S	02:17:57.99	HN						e S	03:10:56.55	HE				
EVO	e P	02:17:36.57	HZ	0.008	0.1			PMAFR	e S	03:10:58.12	HN				
	e S	02:18:03.52	HE					PCBR	e S	03:10:59.92	EE	0.001	0.1		
PBAR	e P	02:17:37.25	HZ	0.003	0.3			PCVE	e S	03:10:59.54	HN				
	e S	02:18:05.26	HE					PCAS	e S	03:11:07.14	HN				
PMAFR	e P	02:17:40.60	HZ	0.020	0.5			PTEO	e S	03:11:07.70	EN				
	e S	02:18:10.43	HN					PVAQ	e S	03:11:07.70	HE				
PESTR	e P	02:17:42.17	HZ	0.005	0.5			PBDV	e S	03:11:12.31	HN				
	e S	02:18:13.75	HN					MTE	e S	03:11:15.79	HN				
PMTG	e P	02:17:42.76	HZ	0.009	0.1										
	e S	02:18:14.15	HE												
PSBE	e P	02:17:48.94	HZ					<b>09-Fev</b>	<b>Ho</b>	<b>05:37:50.1</b>		<b>ML</b>	<b>2.8</b>		
	e S	02:18:24.06	HE						<b>Lat</b>	<b>36.644°N</b>	<b>Lon</b>	<b>09.714°W</b>	<b>Prof</b>	<b>31</b>	
PMRV	e P	02:17:49.98	HZ	0.006	0.4				<b>Região:</b>	<b>SW Cabo S.Vicente</b>		<b>Rms</b>	<b>0.3</b>		
	e S	02:18:27.46	HE						<b>AxMax</b>	<b>4.2</b>	<b>AxMin</b>	<b>2.7</b>	<b>Ang</b>	<b>62</b>	
PCBR	e P	02:17:55.95	EZ	0.005	0.2			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
	e S	02:18:36.91	EE					PFVI	i P	c	05:38:04.64	HZ	0.219	0.1	
PCAS	e P	02:17:56.07	HZ	0.004	0.7				e S		05:38:15.11	HN			
	e S	02:18:37.70	HE					MORF	i P	c	05:38:07.70	HZ	0.143	0.2	
MTE	e P	02:18:02.66	HZ	0.004	0.8				e S		05:38:20.62	HN			
	e S	02:18:48.80	HN					PTEO	i P	c	05:38:09.30	EZ	0.055	0.2	
PVRL	e P	02:18:14.10	SZ	0.002	0.2				e S		05:38:23.89	EN			
	e S	02:19:08.21	SE					PBDV	i P	c	05:38:14.26	HZ	0.040	0.2	
MVO	e P	02:18:14.45	HZ	0.002	0.3				e S		05:38:31.93	HN			
	e S	02:19:08.54	HN					PCVE	e P	c	05:38:15.99	HZ	0.021	0.3	
POLO	e P	02:18:15.19	HZ	0.001	0.9				e S		05:38:35.47	HE			
	e S	02:19:10.30	HE					MESJ	e P	c	05:38:15.96	HZ	0.052	0.3	
PCAB	e P	02:18:19.24	HZ						e S		05:38:35.29	HN			
	e S	02:19:17.43	HE					PNCL	e P	c	05:38:16.58	HZ	0.042	0.1	
PGAV	e P	02:18:22.60	HZ						e S		05:38:36.51	HN			
	e S	02:19:22.85	HN					PVAQ	e P		05:38:17.22	HN			
PBRG	e S	02:19:24.33	HN	0.002	0.2				e S		05:38:37.13	HE			
								PSBE	e P		05:38:18.14	HZ	0.067	0.2	
<b>09-Fev</b>	<b>Ho</b>	<b>03:10:38.4</b>							e S		05:38:39.14	HN			
	<b>Lat</b>	<b>38.770°N</b>	<b>Lon</b>	<b>07.972°W</b>				PBEJ	e P	c	05:38:20.23	EZ	0.021	0.2	
	<b>Região:</b>	<b>NE Arraiolos</b>							e S		05:38:43.15	EN			
	<b>AxMax</b>	<b>3.8</b>	<b>AxMin</b>	<b>1.8</b>	<b>Ang</b>	<b>99</b>	<b>ErrZ</b>	<b>5</b>	GGNV	e P		05:38:21.93	HZ	0.050	0.1
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e S		05:38:46.13	HE			
EVO	e P	03:10:43.18		HZ	0.040	0.1			EVO	e P		05:38:24.34	HZ	0.048	0.1
	e S	03:10:46.75		HN					e S		05:38:50.21	HN			
PESTR	e S	03:10:48.87		HN				PMAFR	e P		05:38:24.61	HZ	0.146	0.2	
	e S	03:10:50.04		HE	0.002	0.1			e S		05:38:50.90	HN			
PMTG	e S	03:11:01.87		EE	0.002	0.1		PBAR	e P		05:38:28.56	HZ	0.019	0.2	
PBEJ	e S	03:11:01.87		EE	0.002	0.1			e S		05:38:57.87	HE			
PNCL	e S	03:11:03.34		HE	0.001	0.1		PMTG	e P		05:38:29.96	HZ	0.039	0.1	
PMRV	e P	03:10:53.18		HZ	0.002	0.2			e S		05:38:59.18	HN			
	e S	03:11:03.80		HN				PESTR	e P	c	05:38:30.47	HZ	0.007	0.2	
PBAR	e S	03:11:07.95		HE	0.002	0.5			e S		05:39:01.22	HN			
MESJ	e S	03:11:08.81		HN	0.002	0.6		PSBE	e P		05:38:33.38	HZ	0.023	0.3	
PSBE	e S	03:11:10.27		HN					e S		05:39:05.86	HE			
PMAFR	e S	03:11:12.04		HE				PMRV	e P		05:38:38.27	HZ	0.026	0.3	
PCBR	e S	03:11:13.85		EN	0.002	0.3			e S		05:39:14.22	HN			
PCVE	e S	03:11:13.81		HE				PCAS	e P		05:38:41.25	HZ	0.010	0.1	
PCAS	e S	03:11:21.05		HE					e S		05:39:19.50	HN			
PTEO	e S	03:11:21.63		EN				PCBR	e P		05:38:42.85	EZ	0.009	0.3	
PVAQ	e S	03:11:21.52		HN					e S		05:39:22.11	EN			
PBDV	e S	03:11:26.88		HN				COI	e S		05:39:24.73	HN	0.025	0.4	
MTE	e S	03:11:29.73		HN				MTE	e P		05:38:49.16	HZ	0.009	0.6	
									e S		05:39:33.78	HN			
<b>09-Fev</b>	<b>Ho</b>	<b>03:10:24.6</b>						PTO	e S		05:39:44.50	SE	0.027	0.3	
	<b>Lat</b>	<b>38.767°N</b>	<b>Lon</b>	<b>07.951°W</b>				PVRL	e P		05:38:59.63	SZ	0.037	0.6	
	<b>Região:</b>	<b>NE Arraiolos</b>							e S		05:39:51.01	SE			
	<b>AxMax</b>	<b>2.5</b>	<b>AxMin</b>	<b>1.7</b>	<b>Ang</b>	<b>92</b>	<b>ErrZ</b>	<b>6</b>	POLO	e P		05:39:00.46	HZ	0.004	0.4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e S		05:39:52.67	HE			
EVO	e P	c	03:10:29.20	HZ	0.029	0.1		MVO	e P		05:39:00.80	HZ	0.011	0.4	
	e S		03:10:32.80	HN					e S		05:39:54.11	HE			
PESTR	e P		03:10:30.34	HZ				PCAB	e P		05:39:04.18	HZ	0.015	0.2	
	e S		03:10:34.75	HN					e S		05:40:01.03	HE			
PMTG	e P		03:10:30.95	HZ	0.002	0.1		PGAV	e P		05:39:07.08	HZ	0.008	0.2	
	e S		03:10:36.20	HE					e S		05:40:04.50	HN			
PBEJ	e S		03:10:47.98	EE	0.002	0.7		PBRG	e P		05:39:10.10	HZ	0.006	0.2	
PMRV	e P		03:10:39.21	HZ					e S		05:40:09.70	HE			
	e S		03:10:50.00	HE											
PNCL	e S		03:10:49.89	HE											
PBAR	e P		03:10:41.24	HZ	0.001	0.1									

**09-Fev Ho 11:43:56.0 Distante (NEIC) MW 5.9**  
**Lat 17.887°S Lon 178.664°W Prof 545**  
**Região: Fiji Islands Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKPdf	12:02:46.20		BZ		
	e PKPab	12:03:12.49		BZ		
PBRG	e -	12:02:56.37		BZ		
	e PKPab	12:03:13.71		BZ		
PTO	e PKPab	12:03:14.87		SZ		
POLO	e PKPdf	12:02:47.35		BZ		
	e -	12:02:57.68		BZ		
	e PKPab	12:03:15.06		BZ		
FVRL	e PKPdf	12:02:47.43		SZ		
	e -	12:02:57.83		SZ		
	e PKPab	12:03:15.85		SZ		
MVO	e PKPdf	12:02:47.79		BZ		
	e -	12:02:56.77		BZ		
	e PKPab	12:03:17.03		BZ		
MTE	e PKPdf	12:02:48.13		BZ		
	e PKPab	12:03:19.16		BZ		
PCAS	e PKPdf	12:02:48.21		BZ		
	e PKPab	12:03:18.19		BZ		
PSBE	e PKPab	12:03:20.13		BZ		
PCBR	e PKPdf	12:02:48.71		SZ		
	e PKPab	12:03:20.96		SZ		
MAFR	e PKPab	12:03:22.39		BZ		
PMRV	e PKPdf	12:02:49.78		BZ		
	e PKPab	12:03:21.75		BZ		
PMTG	e PKPdf	12:02:49.55		BZ		
	e PKPab	12:03:23.09		BZ		
PSES	e PKPab	12:03:24.60		BZ		
PESTR	e PKPdf	12:02:50.88		BZ		
	e PKPab	12:03:24.54		BZ		
EVO	e PKPdf	12:02:50.74		BZ		
	e PKPab	12:03:25.68		BZ		
PNCL	e PKPdf	12:02:51.36		BZ		
	e PKPab	12:03:26.36		BZ		
PBEJ	e PKPdf	12:02:52.03		SZ		
	e PKPab	12:03:28.15		SZ		
MESJ	e PKPdf	12:02:51.35		BZ		
	e PKPab	12:03:28.35		BZ		
PBAR	e PKPdf	12:02:50.54		BZ		
	e PKPab	12:03:28.66		BZ		
PTEO	e PKPdf	12:02:52.83		SZ		
	e PKPab	12:03:28.94		SZ		
PCVE	e PKPab	12:03:29.39		BZ		
MORF	e PKPdf	12:02:50.30		BZ		
	e PKPab	12:03:29.69		BZ		
PFVI	e PKPdf	12:02:51.12		BZ		
	e PKPab	12:03:29.98		BZ		
PVAQ	e PKPab	12:03:31.20		BZ		
PBDV	e PKPdf	12:02:52.76		BZ		
	e PKPab	12:03:32.67		BZ		

**09-Fev Ho 14:04:30.4 ML 0.7**  
**Lat 37.319°N Lon 08.670°W Prof 10**  
**Região: W Monchique Rms 0.2**  
**AxMax 1.7 AxMin 1.7 Ang 75 ErrZ 2**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	i Pg	c 14:04:31.91		HZ	0.031	0.1
	e Sg	14:04:33.67		HN		
PFVI	e Pg	14:04:34.97		HZ	0.009	0.1
	e Sg	14:04:38.16		HN		
PTEO	i Pg	d 14:04:34.93		EZ	0.003	0.2
	e Sg	14:04:38.45		EN		
PBDV	e Sg	14:04:49.35		HE		
MESJ	e Pg	14:04:42.04		HZ	0.003	0.6
	e Sg	14:04:50.84		HE		
PVAQ	e P	14:04:44.37		HN		
	e S	14:04:54.93		HE		
PNCL	e P	14:04:44.73		HZ	0.001	0.1
	e S	14:04:55.60		HE		

**09-Fev Ho 14:05:47.8 Distante (NEIC) MW 5.8**  
**Lat 18.889°N Lon 104.775°W Prof 10**  
**Região: Near Coast of Jalisco, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e P	14:17:47.27		BZ	0.250	1.3
	e S	14:27:52.42		LN		
	e LR	14:44:29.99		LZ	1.200	18
PGAV	e LR	14:45:19.78		LZ	3.200	20
MAFR	e P	14:18:09.73		BZ	0.245	1.2
PSBE	e P	14:18:11.08		BZ	0.154	2.2
PCAS	e P	14:18:11.56		BZ	0.184	1.4
PSELO	e P	14:18:11.56		BZ	0.434	1.4
POLO	e P	14:18:11.26		BZ	0.036	1.2
FVRL	e P	14:18:11.65		SZ	0.109	1.5
PMTG	e P	14:18:12.84		BZ	0.082	1.0
MTE	e P	14:18:13.16		BZ	0.064	1.6
	e S	14:28:41.37		LN		
	e LQ	14:48:25.94		LN		
	e LR	14:52:06.35		LZ	2.766	18
PNCL	e P	14:18:14.44		BZ	0.052	1.7
PTEO	e P	14:18:13.72		SZ	0.118	2.0
PFVI	e P	14:18:15.30		BZ	0.170	1.5
MVO	e P	14:18:14.49		BZ	0.092	1.9
	e S	14:28:45.03		LN		
	e LR	14:50:14.66		LZ	2.933	18
MORF	e P	14:18:15.08		BZ	0.101	1.5
PCBR	e P	14:18:15.88		SZ	0.065	2.0
EVO	e P	14:18:14.55		BZ	0.086	1.8
MESJ	e P	14:18:15.27		BZ	0.063	2.1
PMRV	e P	14:18:15.54		BZ	0.104	2.1
	e S	14:28:49.06		LN		
	e LR	14:48:52.34		LZ	2.225	18
PESTR	e P	14:18:16.91		BZ	0.075	2.3
PBEJ	e P	14:18:16.67		SZ	0.082	2.0
PCVE	e P	14:18:16.28		BZ	0.095	2.2
PBDV	e P	14:18:18.56		BZ	0.137	1.8
PVAQ	e P	14:18:19.16		BZ		
	e S 4	14:28:50.22		LE		
PBAR	e P	14:18:19.31		BZ	0.117	1.9

**09-Fev Ho 15:32:58.0 ML 2.2**  
**Lat 35.591°N Lon 04.554°W Prof 89**  
**Região: Alboran Rms 0.4**  
**AxMax 4.6 AxMin 4.4 Ang 176 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	15:33:44.54		HN		
	e S	15:34:19.39		HN		
PBDV	e P	15:33:45.34		HZ	0.005	0.4
	e S	15:34:20.76		HN		
PBAR	e P	15:33:46.91		HZ	0.003	0.2
	e S	15:34:23.03		HE		
PCVE	e P	15:33:49.10		HZ	0.002	0.1
	e S	15:34:27.26		HN		
MESJ	e P	15:33:52.43		HZ	0.001	0.2
	e S	15:34:32.97		HE		
MORF	e P	15:33:52.39		HZ	0.004	0.3
	e S	15:34:33.43		HN		
PTEO	e P	15:33:55.05		EZ		
	e S	15:34:37.06		EN		
PNCL	e P	15:33:57.30		HZ	0.002	0.2
	e S	15:34:40.99		HE		
PESTR	e S	15:34:42.20		HE		
PMRV	e S	15:34:51.59		HE		
PMTG	e S	15:34:53.29		HE		

**09-Fev Ho 16:57:34.5 ML 2.8**  
**Lat 33.117°N Lon 04.863°W Prof 18**  
**Região: SE Fez (Marr) Rms 0.6**  
**AxMax 10.0 AxMin 4.8 Ang 88 ErrZ 8**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	16:58:44.14		HZ	0.008	0.5
	e S	16:59:36.78		HE		
PVAQ	e P	16:58:45.20		HN		
	e S	16:59:38.50		HN		
PFVI	e P	16:58:48.21		HZ		
	e S	16:59:45.35		HE		

PCVE	e P	16:58:49.74	HZ	0.005	0.3	<b>09-Fev Ho 19:55:15.2</b>	<b>Distante (NEIC)</b>	<b>MB 5.2</b>	<b>Lat 51.619°N</b>	<b>Lon 177.367°E</b>	<b>Prof 44</b>	
	e S	16:59:46.34	HE									
MORF	e P	16:58:49.26	HZ	0.008	0.2	<b>Região: Rat Islands, Aleutian Islands</b>						
	e S	16:59:47.31	HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	16:58:52.44	HZ	0.007	0.3	PBRG	e P	20:07:54.46		BZ		
	e S	16:59:50.14	HE			POLO	e P	20:07:57.14		BZ	0.023	1.5
PTEO	e P	16:58:52.73	EZ			PVRL	e P	20:07:57.47		SZ	0.072	1.3
	e S	16:59:52.56	EE			MVO	e P	20:08:58.04		BZ	0.046	1.4
MESJ	e P	16:58:52.87	HZ	0.006	0.3	MTE	e P	20:08:01.45		BZ	0.048	1.2
	e S	16:59:54.66	HN			COI	e P	20:08:02.77		BZ		
PBEJ	e S	16:59:53.78	EN	0.005	0.6	PCAS	e P	20:08:01.88		BZ	0.064	1.5
PNCL	e P	16:59:58.39	HZ	0.004	0.4	PCBR	e P	20:08:03.91		SZ	0.026	1.5
	e S	17:00:00.18	HE			PMAFR	e P	20:08:07.43		BZ	0.169	1.8
EVO	e P	16:59:01.01	HZ			PESTR	e P	20:08:08.22		BZ		
	e S	17:00:06.82	HN			EVO	e P	20:08:09.35		BZ	0.028	1.6
PESTR	e P	16:59:03.40	HZ	0.005	0.5	PBAR	e P	20:08:10.96		BZ	0.026	1.7
	e S	17:00:10.77	HN			PBEJ	e P	20:08:12.52		SZ	0.029	1.7
PMTG	e P	16:59:08.21	HZ	0.003	0.9	PVAQ	e P	20:08:15.77		BZ		
	e S	17:00:19.10	HN									
PMRV	e S	17:00:21.45	HE	0.006	0.4	<b>09-Fev Ho 21:28:51.9</b>						
PCBR	e P	16:59:15.76	EZ	0.003	0.6	<b>Lat 35.774°N</b>						
	e S	17:00:31.06	EN			<b>Lon 10.339°W</b>						
MVO	e P	16:59:32.30	HZ			<b>Região: Mar de Marrocos</b>						
POLO	e P	16:59:36.81	HZ			<b>AxMax 13.0 AxMin 5.4 Ang 71</b>						
						<b>ErrZ 15</b>						

**09-Fev Ho 17:43:39.0 Distante (IPMA) MW 5.2**  
**Lat 18.510°N Lon 62.030°W Prof 59**  
**Região: Leeward Islands**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e P	17:51:29.04		BZ	0.193	1.9
	e -	17:51:37.15		BZ		
MORF	e P	17:52:27.64		BZ	0.093	1.5
	e -	17:52:36.36		BZ		
PNCL	e P	17:52:26.83		BZ	0.051	1.6
	e -	17:52:37.32		BZ		
MESJ	e P	17:52:31.08		BZ	0.088	1.3
	e -	17:52:39.25		BZ		
PCAS	e P	17:52:31.38		BZ	0.120	1.6
	e -	17:52:40.05		BZ		
PCVE	e P	17:52:31.68		BZ	0.043	1.7
	e -	17:52:40.44		BZ		
PBDV	e P	17:52:32.52		BZ	0.110	1.8
	e -	17:52:41.25		BZ		
PMTG	e P	17:52:31.64		BZ	0.073	1.5
	e -	17:52:40.19		BZ		
COI	e P	17:52:32.32		BZ	0.137	1.1
	e -	17:52:41.15		BZ		
EVO	e P	17:52:32.53		BZ	0.037	1.6
	e -	17:52:40.99		BZ		
PBEJ	e P	17:52:32.85		SZ	0.052	1.5
	e -	17:52:41.46		SZ		
PVAQ	e P	17:52:33.81		BZ		
	e -	17:52:42.45		BZ		
PGAV	e P	17:52:35.45		BZ	0.076	2.1
	e -	17:52:43.13		BZ		
PESTR	e P	17:52:35.40		BZ	0.058	1.4
	e -	17:52:44.06		BZ		
POLO	e P	17:52:36.96		BZ	0.061	1.7
	e -	17:52:45.61		BZ		
PCBR	e P	17:52:36.78		SZ	0.050	1.7
	e -	17:52:45.36		SZ		
PMRV	e P	17:52:36.77		BZ	0.044	1.3
	e -	17:52:45.33		BZ		
MTE	e P	17:52:36.58		BZ	0.079	1.1
	e -	17:52:45.33		BZ		
PVRL	e P	17:52:37.30		SZ	0.090	1.6
	e -	17:52:45.45		SZ		
PBAR	e P	17:52:38.03		BZ	0.044	1.9
	e -	17:52:46.48		BZ		
MVO	e P	17:52:39.93		BZ	0.091	1.5
	e -	17:52:49.34		BZ		
PBRG	e P	17:52:43.18		BZ	0.065	1.9
	e -	17:52:51.35		BZ		

**09-Fev Ho 23:59:24.5 Distante (NEIC) MW 5.6**  
**Lat 21.414°S Lon 179.323°W Prof 610**  
**Região: Fiji Islands Region**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PGAV	e PKPab	24:18:50.91		BZ		
PBRG	e PKPab	24:18:53.54		BZ		
POLO	e PKPdf	24:18:13.38		BZ		
	e PKPab	24:18:54.42		BZ		
PVRL	e PKPab	24:18:54.69		SZ		
MVO	e PKPdf	24:18:14.47		BZ		
	e PKPab	24:18:55.93		BZ		
MTE	e PKPdf	24:18:15.23		BZ		
	e PKPab	24:18:58.45		BZ		
PCAS	e PKPdf	24:18:16.25		BZ		
	e PKPab	24:18:57.95		BZ		
PCBR	e PKPdf	24:18:15.54		SZ		
	e PKPab	24:18:59.97		SZ		
PMAFR	e PKPab	24:19:01.41		BZ		
PMRV	e PKPdf	24:18:16.11		BZ		
PMTG	e PKPab	24:19:01.94		BZ		
PSSES	e PKPab	24:19:03.67		BZ		
EVO	e PKPdf	24:18:16.85		BZ		
PNCL	e PKPab	24:19:05.51		BZ		

PBEJ	e PKPdf	24:18:17.92	SZ		
MESJ	e PKPdf	24:18:17.73	BZ		
	e PKPab	24:19:06.68	BZ		
PTEO	e PKPab	24:19:10.25	SZ		
PBAR	e PKPdf	24:18:17.37	BZ		
	e PKPab	24:19:07.92	BZ		
PCVE	e PKPab	24:19:08.56	BZ		
MORF	e PKPdf	24:18:18.23	BZ		
PFVI	e PKPdf	24:18:18.28	BZ		
PVAQ	e PKPab	24:19:09.94	BZ		
PBDV	e PKPdf	24:18:18.77	BZ		

**10-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e Pn	03:16:55.30		HZ		
	Sg	03:17:21.62		HN		
PBAR	e Sg	03:17:18.51		HN	0.001	0.3

**10-Fev Ho 11:04:15.0 Distante (NEIC) MW 5.1**  
**Lat 15.150°N Lon 92.240°W Prof 113**  
**Região: Mexico-Guatemala Border Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	11:15:44.78		BZ		
PCAS	e P	11:15:45.85		BZ	0.053	1.7
MORF	e P	11:15:47.50		BZ	0.064	1.8
PMTG	e P	11:15:47.27		BZ	0.022	2.5
POLO	e P	11:15:47.58		BZ		
PVRL	e P	11:15:47.72		SZ	0.056	1.8
MESJ	e P	11:15:48.74		BZ	0.025	2.0
EVO	e P	11:15:49.01		BZ	0.035	1.7
MTE	e P	11:15:48.63		BZ	0.053	2.1
PBEJ	e P	11:15:48.02		SZ		
PCBR	e P	11:15:50.15		SZ	0.028	1.3
PBDV	e P	11:15:51.34		BZ	0.054	1.9
PESTR	e P	11:15:47.70		BZ		
PMRV	e P	11:15:50.70		BZ	0.034	1.4
MVO	e P	11:15:51.09		BZ		
PBRG	e P	11:15:51.54		BZ	0.030	1.5
PBAR	e P	11:15:53.23		BZ	0.026	1.9

**10-Fev Ho 21:21:27.3 ML 0.7**  
**Lat 38.371°N Lon 08.703°W Prof 0\***  
**Região: W Alcácer do Sal Rms 0.3**  
**AxMax 2.8 AxMin 1.5 Ang 92 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PNCL	e Pg	21:21:32.52		HZ	0.003	0.2
	e Sg	21:21:36.41		HN		
PSES	e Sg	21:21:37.65		HE		
EVO	e Pg	21:21:38.55		HZ	0.004	0.1
	e Sg	21:21:45.26		HN		
MESJ	e Pg	21:21:39.28		HZ	0.001	0.2
	e Sg	21:21:48.07		HN		
PMTG	e P	21:21:41.88		HZ	0.001	0.2
	e S	21:21:52.14		HE		
PTEO	e P	21:21:42.92		EZ		
	e S	21:21:53.68		EN		
PCVE	e S	21:21:55.51		HE		
PESTR	e P	21:21:45.79		HZ		
	e S	21:21:59.58		HE		
PVAQ	e S	21:22:07.19		HN		
PBDV	e S	21:22:08.40		HN		
PBAR	e P	21:21:49.99		HZ		
	e S	21:22:08.98		HN		
PMRV	e P	21:21:53.82		HZ		
	e S	21:22:12.65		HE		

**10-Fev Ho 22:50:48.0 Distante (NEIC) MW 5.8**  
**Lat 03.800°S Lon 151.920°E Prof 268**  
**Região: New Ireland Region, P.N.G.**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e PKPdf	23:09:42.26		BZ		
PGAV	e PKPdf	23:09:42.94		BZ		
MVO	e PKPdf	23:09:42.63		BZ		
PVRL	e PKPdf	23:09:43.70		SZ		
PTO	e PKPdf	23:09:44.52		SZ		
MTE	e PKPdf	23:09:45.35		BZ		
PCBR	e PKPdf	23:09:45.68		SZ		
COI	e PKPdf	23:09:45.73		BZ		

PCAS	e PKPdf	23:09:45.10	BZ		
PMRV	e PKPdf	23:09:43.85	BZ		
PESTR	e PKPdf	23:09:47.91	BZ		
PMTG	e PKPdf	23:09:42.81	BZ		
PBAR	e PKPdf	23:09:41.22	BZ		
EVO	e PKPdf	23:09:40.34	BZ		
PBEJ	e PKPdf	23:09:42.15	SZ		
PNCL	e PKPdf	23:09:42.97	BZ		
MESJ	e PKPdf	23:09:43.15	BZ		
PCVE	e PKPdf	23:09:43.22	BZ		
PVAQ	e PKPdf	23:09:43.88	BZ		
PBDV	e PKPdf	23:09:45.50	BZ		
PTEO	e PKPdf	23:09:45.25	SZ		
MORF	e PKPdf	23:09:45.26	BZ		
PFVI	e PKPdf	23:09:46.79	BZ		
PMPST	e PKP	23:10:05.95	BZ		
PMAR	e PKP	23:10:07.27	BZ		
PMOZ	e PKP	23:10:07.53	BZ		
FUL	e PKP	23:10:07.40	EZ		
PMSOL	e PKP	23:10:08.33	SZ		

**10-Fev Ho 23:08:51.2 ML 1.0**  
**Lat 37.505°N Lon 07.657°W Prof 17**  
**Região: S Mértola Rms 0.3**  
**AxMax 5.8 AxMin 2.4 Ang 93 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pg	23:08:54.62		HZ		
	e Sg	23:08:57.53		HE		
PCVE	e Pg	23:08:57.87		HZ	0.006	0.2
	e Sg	23:09:03.12		HE		
PBDV	e Pg	23:08:57.76		HZ	0.007	0.6
	e Sg	23:09:02.89		HN		
PBEJ	e Pg	23:09:01.14		EZ	0.003	0.2
	e Sg	23:09:08.76		EE		
MESJ	e Pg	23:09:01.78		HZ	0.006	0.3
	e Sg	23:09:09.51		HE		
PBAR	e Pg	23:09:05.82		HZ	0.003	0.3
	e Sg	23:09:15.93		HN		
PNCL	e P	23:09:07.63		HZ	0.003	0.6
	e S	23:09:19.48		HN		
PFVI	e S	23:09:22.15		HN		
EVO	e P	23:09:10.22		HZ	0.002	0.3
	e S	23:09:22.68		HN		
PESTR	e S	23:09:31.50		HE		
PMTG	e Sg	23:09:41.50		HE		
PMRV	e Sg	23:09:48.48		HE		

**11-Fev Ho 01:17:11.3 ML 0.9**  
**Lat 37.251°N Lon 08.572°W Prof 11**  
**Região: SW Monchique Rms 0.4**  
**AxMax 3.6 AxMin 2.9 Ang 154 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	i Pg	01:17:13.59		HZ	0.038	0.2
	e Sg	01:17:15.49		HE		
PFVI	i Pg	01:17:15.90		HZ	0.016	0.6
	e Sg	01:17:19.09		HN		
PTEO	e Pg	01:17:17.36		EZ	0.004	0.1
	e Sg	01:17:21.70		EE		
PBDV	e Pg	01:17:21.00		HZ	0.002	0.2
	e Sg	01:17:27.92		HN		
PCVE	e Pg	01:17:21.96		HZ	0.002	0.1
	e Sg	01:17:29.39		HE		
MESJ	i Pg	01:17:23.52		HZ	0.001	0.2
	e Sg	01:17:32.90		HE		
PVAQ	e P	01:17:24.56		HN		
	e S	01:17:32.91		HN		
PNCL	e P	01:17:27.03		HZ	0.002	0.2
	e S	01:17:37.88		HE		
PBEJ	e P	01:17:29.05		EZ	0.001	0.1
	e S	01:17:41.54		EE		
PBAR	e Sn	01:17:56.05		HE		
	e Sg	01:17:59.34		HN		



**11-Fev Ho 03:48:07.5 ML 2.4**  
**Lat 36.865°N Lon 09.021°W Prof 29**  
**Região: SW Cabo S.Vicente Rms 0.4**  
**AxMax 4.1 AxMin 2.0 Ang 77 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	i Pg	c 03:48:14.48		HZ	0.251	0.2
	e Sg	03:48:19.92		HE		
MORF	i Pg	c 03:48:17.56		HZ	0.131	0.1
	e Sg	03:48:25.05		HN		
PTEO	i P	c 03:48:20.16		EZ	0.059	0.1
	e S	03:48:29.86		EE		
PBDV	i P	c 03:48:23.64		HZ	0.031	0.1
	e S	03:48:35.24		HE		
PCVE	e P	c 03:48:25.66		HZ	0.015	0.3
	e S	03:48:39.56		HN		
MESJ	e P	c 03:48:26.39		HZ	0.019	0.1
	e S	03:48:41.27		HE		
PVAQ	e P	03:48:26.56		HN		
	e S	03:48:40.74		HN		
PNCL	i P	c 03:48:27.89		HZ	0.020	0.1
	e S	03:48:43.34		HN		
PBEJ	e P	03:48:30.49		EZ	0.008	0.2
	e S	03:48:48.16		EN		
PSES	e P	03:48:32.16		HZ	0.041	0.3
	e S	03:48:50.06		HN		
EVO	e P	c 03:48:35.36		HZ	0.018	0.1
	e S	03:48:56.71		HE		
GGNV	e Sn	03:48:57.58		HE		
PBAR	e Pn	03:48:38.23		HZ	0.005	0.1
	e Sn	03:49:02.88		HN		
PMAFR	e Pn	03:48:39.26		HZ	0.028	0.2
	e Sn	03:49:02.99		HE		
PMTG	i Pn	c 03:48:41.37		HZ	0.012	0.2
	e Sn	03:49:06.70		HE		
PESTR	e Pn	d 03:48:41.33		HZ	0.005	0.5
	e Sn	03:49:07.94		HE		
PSBE	e Pn	d 03:48:47.46		HZ	0.008	0.7
	e Sn	03:49:17.30		HE		
PMRV	i Pn	c 03:48:49.35		HZ	0.011	0.4
	e Sn	03:49:20.49		HN		
PCAS	e Pn	03:48:54.68		HZ	0.011	0.4
	e Sn	03:49:27.16		HN		
PCBR	e Pn	03:48:54.16		EZ	0.010	0.2
COI	e Sn	03:49:33.28		HE		
MTE	e Pn	d 03:49:01.10		HZ	0.014	0.2
	e Sn	03:49:41.74		HN		
PTO	e Sn	03:49:54.36		SE	0.018	0.1
PVRL	e Pn	03:49:12.33		SZ	0.010	0.1
	e Sn	03:49:59.97		SN		
MVO	e Pn	03:49:12.61		HZ	0.006	0.1
	e Sn	03:50:01.66		HN		
PCAB	e Pn	03:49:17.70		HZ	0.006	0.3
	e Sn	03:50:09.62		HN		
PGAV	e Pn	03:49:20.84		HZ	0.002	0.1
	e Sn	03:50:14.73		HE		
PBRG	e Pn	03:49:21.98		HZ	0.003	0.2
	e Sn	03:50:17.96		HE		

**11-Fev Ho 05:32:12.5 ML 2.0**  
**Lat 36.575°N Lon 12.678°W Prof 10\***  
**Região: Gorringe Rms 0.5**  
**AxMax 6.3 AxMin 4.3 Ang 92 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e Pn	05:32:55.83		HZ	0.004	0.2
	e Sn	05:33:28.94		HE		
PTEO	e Sn	05:33:32.94		EE	0.008	0.8
PSES	e Pn	05:33:03.85		HZ		
	e Sn	05:33:33.95		HN		
PMAFR	e Pn	05:33:02.00		HZ	0.012	0.3
	e Sn	05:33:40.47		HE		
PNCL	e Pn	05:33:03.72		HZ	0.004	0.6
	e Sn	05:33:41.35		HN		
MESJ	e Pn	05:33:05.20		HZ	0.002	0.6
	e Sn	05:33:43.84		HE		
PCVE	e Pn	05:33:06.38		HZ		
	e Sn	05:33:45.84		HE		
PVAQ	e Sn	05:33:51.29		HE		
PBEJ	e Sn	05:33:51.55		EN	0.003	0.3
EVO	e Pn	05:33:10.00		HZ	0.003	0.3
	e Sn	05:33:53.79		HE		
PMTG	e Pn	05:33:11.87		HZ	0.001	0.2
	e Sn	05:33:56.44		HN		
PESTR	e Sn	05:34:04.44		HN		
PBAR	e Pn	05:33:19.16		HZ	0.001	0.2
	e Sn	05:34:07.27		HN		
PCAS	e Pn	05:33:18.39		HZ	0.001	0.4
	e Sn	05:34:07.88		HE		
PMRV	e Pn	05:33:22.30		HZ	0.001	0.2
	e Sn	05:34:14.12		HN		
PCBR	e Pn	05:33:24.57		EZ		
	e Sn	05:34:18.35		EN		
MTE	e Pn	05:33:28.83		HZ		
	e Sn	05:34:27.66		HE		
MVO	e Sn	05:34:45.19		HE		

**11-Fev Ho 08:07:24.0 ML 2.1**  
**Lat 36.759°N Lon 04.406°W Prof 81**  
**Região: NW Malaga (ESP) Rms 0.6**  
**AxMax 3.4 AxMin 2.8 Ang 179 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	08:08:02.72		HZ	0.006	1.3
	e S	08:08:30.84		HE		
PVAQ	e P	08:08:04.93		HE		
	e S	08:08:34.67		HE		
PBDV	e P	08:08:07.24		HZ	0.002	0.2
	e S	08:08:38.95		HE		
PBEJ	e P	08:08:09.35		EZ	0.003	0.3
	e S	08:08:42.05		EN		
PCVE	e P	08:08:09.00		HZ	0.003	0.1
	e S	08:08:42.14		HE		
PESTR	e P	08:08:13.41		HZ	0.002	0.1
	e S	08:08:49.35		HE		
EVO	e P	08:08:14.53		HZ	0.007	0.1
	e S	08:08:51.42		HN		
PTEO	e P	08:08:16.64		EZ		
	e S	08:08:54.70		EN		
PMRV	e P	08:08:17.25		HZ	0.004	0.2
	e S	08:08:55.91		HE		
PNCL	e P	08:08:16.59		HZ	0.003	0.3
	e S	08:08:54.65		HN		
PFVI	e P	08:08:16.45		HZ		
	e S	08:08:54.02		HN		
PMTG	e P	08:08:20.41		HZ	0.001	0.2
	e S	08:09:01.29		HE		
PCBR	e S	08:09:04.07		EE	0.001	0.1

**11-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e Pn	04:09:45.94		HZ		
	e Sn	04:10:11.24		HE		
PCVE	e Pn	04:09:50.23		HZ	0.003	0.5
	e Sn	04:10:16.65		HN		
PESTR	e Pn	04:09:57.25		HZ		
PMRV	e Pn	04:10:02.29		HZ		
PMTG	e Pn	04:10:03.93		HZ		
PCBR	e Pn	04:10:07.41		EZ		
PVAQ	e Sn	04:10:08.84		HN		
PBAR	e Sn	04:10:10.02		HE	0.002	0.9
MESJ	e Sn	04:10:22.50		HN		
PNCL	e Sn	04:10:30.83		HN		

**11-Fev Ho 04:11:09.0 Distante (NEIC) MW 5.4**  
**Lat 16.670°S Lon 74.180°W Prof 10**  
**Região: Near Coast of Peru**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PNCL	e P	04:23:31.77		BZ		

PMAFR	e S	08:09:16.81	HE	PNCL	e P	11:57:21.94	HZ	0.002	0.3		
MVO	e P	08:08:36.15	HZ		e S	11:58:06.69	HE				
	e S	08:09:27.77	HE	MESJ	e P	11:57:24.74	HZ				
					e S	11:58:11.29	HE				
<b>11-Fev</b>	<b>Ho</b>	<b>10:14:56.8</b>			PCVE	e P	11:57:26.40	HZ	0.001 0.1		
	<b>Lat</b>	<b>37.046°N</b>	<b>Lon</b>	<b>13.758°W</b>	<b>Prof</b>	<b>10*</b>	PBDV	e P	11:57:28.92	HZ	0.003 0.9
								e S	11:58:17.39	HN	
									11:57:28.16	HZ	0.003 0.7
									11:58:17.29	HN	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	EVO	e P	11:57:28.60	HZ	0.003 0.2
PSES	e P	10:15:51.07		HZ				e S	11:58:16.97	HE	
	e S	10:16:31.27		HN			PVAQ	e P	11:57:31.07	HE	
PFVI	e P	10:15:50.90		HZ				e S	11:58:20.67	HE	
PMAFR	e P	10:15:52.70		HZ	0.009	0.7	PCAS	e P	11:57:31.07	HZ	0.001 0.2
	e S	10:16:34.26		HN				e S	11:58:22.72	HE	
PTEO	e P	10:15:52.64		EZ			PESTR	e P	11:57:30.46	HZ	0.001 0.2
	e S	10:16:33.77		EN				e S	11:58:27.62	HN	
PNCL	e P	10:15:55.59		HZ	0.001	0.2	PBAR	e S	11:58:34.51	HN	0.001 0.1
	e S	10:16:40.57		HE			PMRV	e P	11:57:38.46	HZ	
MESJ	e P	10:15:58.93		HZ				e S	11:58:34.58	HN	
	e S	10:16:46.12		HE			PCBR	e P	11:57:39.72	EZ	0.001 0.3
EVO	e P	10:16:02.76		HZ				e S	11:58:37.24	EN	
PMTG	e P	10:16:02.94		HZ			PGAV	e P	11:57:50.52	HZ	
	e S	10:16:53.74		HE				e S	11:58:54.44	HN	
PVAQ	e S	10:16:53.08		HE			MVO	e S	11:58:59.57	HN	
PESTR	e P	10:16:09.08		HZ							
	e S	10:17:02.55		HE							
PMRV	e S	10:17:11.03		HN							
PGAV	e S	10:17:32.65		HE							
MVO	e P	10:16:28.93		HZ							
	e S	10:17:36.66		HE							
<b>11-Fev</b>	<b>Ho</b>	<b>11:12:21.3</b>			<b>ML</b>	<b>1.4</b>					
	<b>Lat</b>	<b>36.562°N</b>	<b>Lon</b>	<b>07.577°W</b>	<b>Prof</b>	<b>19</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PBDV	i P	d 11:12:35.09		HZ	0.004	0.1	PBRG	e P	13:09:54.39	BZ	
	e S	11:12:44.87		HN			MTE	e P	13:10:03.48	BZ	
PVAQ	e P	11:12:36.72		HE			PBAR	e P	13:10:06.52	BZ	
	e S	11:12:47.61		HE			PESTR	e P	13:10:08.21	BZ	
PCVE	e P	11:12:40.81		HZ	0.002	0.2	PCAS	e P	13:10:12.86	BZ	
	e S	11:12:55.09		HE			PMTG	e P	13:10:14.45	BZ	
PFVI	e S	11:12:54.14		HN			EVO	e P	13:10:14.98	BZ	
PTEO	e P	11:12:43.60		EZ			PBEJ	e P	13:10:15.75	SZ	
	e S	11:12:59.82		EN			PCVE	e P	13:10:16.76	BZ	
MESJ	e P	11:12:44.05		HZ	0.004	0.9	PNCL	e P	13:10:19.22	BZ	
	e S	11:13:00.89		HE							
PBEJ	e S	11:13:03.82		EE							
PBAR	e P	11:12:48.19		HZ	0.001	0.3					
	e S	11:13:07.60		HN							
PNCL	e P	11:12:48.71		HZ	0.002	0.7					
	e S	11:13:10.04		HE							
EVO	e P	11:12:52.59		HZ	0.002	0.1					
	e S	11:13:15.82		HN							
PESTR	e P	11:12:56.75		HZ	0.002	0.5					
	e S	11:13:23.36		HN							
PMTG	e P	11:13:00.37		HZ							
	e S	11:13:29.18		HE							
PMAFR	e P	11:13:05.05		HZ							
	e S	11:13:32.45		HE							
PMRV	e P	11:13:04.67		HZ	0.003	0.7					
	e S	11:13:36.58		HE							
<b>11-Fev</b>	<b>Ho</b>	<b>11:56:23.6</b>			<b>ML</b>	<b>2.0</b>					
	<b>Lat</b>	<b>37.401°N</b>	<b>Lon</b>	<b>13.732°W</b>	<b>Prof</b>	<b>0*</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PSES	e P	11:57:16.72		HZ	0.006	0.2					
	e S	11:57:56.13		HE							
PMAFR	e P	11:57:17.63		HZ	0.005	0.2					
	e S	11:57:59.05		HN							
PFVI	e P	11:57:18.65		HZ							
	e S	11:57:58.90		HN							
PTEO	e P	11:57:19.37		EZ	0.002	0.3					
	e S	11:58:00.95		EN							
MORF	e P	11:57:20.23		HZ	0.003	0.5					
	e S	11:58:03.00		HN							
<b>11-Fev</b>	<b>Ho</b>	<b>13:05:24.0</b>			<b>Distante (NEIC)</b>	<b>MB 4.4</b>					
	<b>Lat</b>	<b>42.610°N</b>	<b>Lon</b>	<b>19.920°E</b>	<b>Prof</b>	<b>10</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PBRG	e P	13:09:54.39		BZ							
MTE	e P	13:10:03.48		BZ							
PBAR	e P	13:10:06.52		BZ							
PESTR	e P	13:10:08.21		BZ							
PCAS	e P	13:10:12.86		BZ							
PMTG	e P	13:10:14.45		BZ							
EVO	e P	13:10:14.98		BZ							
PBEJ	e P	13:10:15.75		SZ							
PCVE	e P	13:10:16.76		BZ							
PNCL	e P	13:10:19.22		BZ							
<b>11-Fev</b>	<b>Ho</b>	<b>13:47:19.8</b>			<b>ML</b>	<b>0.9</b>					
	<b>Lat</b>	<b>39.071°N</b>	<b>Lon</b>	<b>08.812°W</b>	<b>Prof</b>	<b>3*</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PMAFR	e S	13:47:32.11		HN							
PMTG	e P	c 13:47:28.48		HZ	0.004	0.6					
	e S	13:47:34.91		HN							
EVO	e P	13:47:38.02		HZ	0.002	0.6					
	e S	13:47:45.84		HE							
PESTR	e S	13:47:50.62		HN	0.001	0.1					
PNCL	e P	13:47:37.46		HZ	0.001	0.8					
	e S	13:47:51.51		HE							
PMRV	e P	13:47:41.14		HZ	0.004	0.6					
	e S	13:47:56.26		HE							
PCBR	e S	13:48:00.66		EE							
PBAR	e S	13:48:09.87		HE	0.005	0.7					
<b>11-Fev</b>	<b>Ho</b>	<b>13:48:00.89</b>									
	<b>Lat</b>	<b>20.910°S</b>	<b>Lon</b>	<b>179.120°W</b>	<b>Prof</b>	<b>620</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PBRG	e PKPab	16:57:39.38		BZ							
MVO	e PKPab	16:57:41.56		BZ							
MTE	e PKPab	16:57:44.32		BZ							
PCAS	e PKPab	16:57:43.69		BZ							
PCBR	e PKPab	16:57:46.72		SZ							
PMAFR	e PKPab	16:57:47.03		BZ							

PMRV	e	PKPab	16:57:48.21	BZ	EVO	e	S	00:25:42.92	HE	0.002	0.3
PESTR	e	PKPab	16:57:49.23	BZ	PTEO	e	Sn	00:25:47.14	EE		
EVO	e	PKPab	16:57:50.48	BZ	MESJ	e	Sg	00:25:49.01	HN		
PNCL	e	PKPab	16:57:51.17	BZ	PESTR	e	Sn	00:25:50.57	HN	0.001	0.3
PBEJ	e	PKPab	16:57:53.36	SZ	MORF	e	Pn	00:25:32.48	HZ		
MESJ	e	PKPab	16:57:52.65	BZ	PCVE	e	Sg	00:25:56.52	HE		
PBAR	e	PKPab	16:57:53.58	BZ	PMRV	e	Sg	00:25:59.12	HN		
PCVE	e	PKPab	16:57:54.45	BZ							

**11-Fev Ho 19:50:09.4 ML 1.2**  
**Lat 36.563°N Lon 07.595°W Prof 20**  
**Região: Golfo de Cádiz Rms 0.6**  
**AxMax 10.0 AxMin 6.7 Ang 57 ErrZ 7**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	19:50:23.21		HZ		
	e S	19:50:32.83		HE		
PVAQ	e P	19:50:24.79		HE		
	e S	19:50:35.58		HE		
PCVE	e P	19:50:29.01		HZ	0.002	0.5
	e S	19:50:43.05		HN		
PTEO	e S	19:50:48.08		EN		
MESJ	e P	19:50:32.13		HZ	0.001	0.1
	e S	19:50:47.93		HE		
PBAR	e S	19:50:56.94		HE	0.001	0.1
PNCL	e S	19:50:56.74		HE		
EVO	e S	19:51:03.01		HN	0.002	0.1
PESTR	e S	19:51:11.83		HN		
PMTG	e S	19:51:18.00		HE		
PMRV	e S	19:51:25.20		HE	0.000	0.1

**11-Fev Ho 23:14:14.9 Distante (NEIC) MW 6.0**  
**Lat 13.806°N Lon 146.411°E Prof 10**  
**Região: South of Mariana Islands**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKP	23:33:10.28		BZ		
	e LQ	24:06:12.09		LE		
	e LR	24:12:45.14		LZ	1.722	20
MVO	e PKP	23:33:10.86		BZ		
	e LQ	24:06:31.25		LE		
	e LR	24:13:19.62		LZ	2.070	18
MTE	e PKP	23:33:12.07		BZ		
	e LR	24:13:45.92		LZ	1.534	22
PCAS	e -	23:33:13.40		BZ		
PMRV	e PKP	23:33:13.70		BZ		
	e LQ	24:06:20.48		LN		
	e LR	24:14:12.87		LZ	2.261	22
PESTR	e PKP	23:33:14.36		BZ		
PMTG	e PKP	23:33:14.90		BZ		
PBAR	e PKP	23:33:15.63		BZ		
EVO	e PKP	23:33:15.96		BZ		
PBEJ	e PKP	23:33:16.03		SZ		
PSES	e PKP	23:33:16.56		BZ		
PNCL	e -	23:33:12.79		BZ		
	e PKP	23:33:17.25		BZ		
MESJ	e -	23:33:13.20		BZ		
	e PKP	23:33:18.14		BZ		
PCVE	e -	23:33:15.12		BZ		
	e PKP	23:33:19.17		BZ		
PVAQ	e LQ	24:05:35.48		LE		
PBDV	e -	23:33:15.94		BZ		
	e PKP	23:33:20.20		BZ		
PTEO	e PKP	23:33:19.99		SZ		
PFVI	e PKP	23:33:21.13		BZ		
PMOZ	A	24:38:10.73		LZ	0.955	20

**12-Fev Ho 00:25:04.5 ML 1.0**  
**Lat 38.782°N Lon 09.507°W Prof 2\***  
**Região: W Sintra Rms 0.3**  
**AxMax 5.0 AxMin 1.9 Ang 91 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e Pg	00:25:08.90		HZ	0.012	0.2
	e Sg	00:25:12.48		HE		
PSBE	e P	00:25:21.64		HZ		
	e S	00:25:35.42		HN		
PNCL	e P	00:25:23.08		HZ	0.002	0.4
	e S	00:25:36.86		HE		
PMTG	e P	00:25:23.23		HZ	0.002	0.6
	e S	00:25:37.27		HN		

**12-Fev Ho 01:01:43.3 ML 1.8**  
**Lat 36.106°N Lon 04.659°W Prof 90**  
**Região: Alboran Rms 0.3**  
**AxMax 3.7 AxMin 2.5 Ang 146 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e S	01:02:56.48		HN		
PBAR	e P	01:02:26.07		HZ	0.003	0.2
	e S	01:02:57.29		HE		
PBDV	e S	01:02:58.68		HN	0.003	0.8
PCVE	e P	01:02:29.84		HZ	0.001	0.2
	e S	01:03:03.99		HN		
PBEJ	e S	01:03:06.50		EN	0.002	0.3
MESJ	e S	01:03:09.32		HN	0.002	0.3
MORF	e S	01:03:12.01		HN		
PFVI	e S	01:03:13.10		HE		
EVO	e P	01:02:37.13		HZ	0.002	0.2
	e S	01:03:16.48		HN		
PESTR	e P	01:02:37.11		HZ	0.001	0.8
	e S	01:03:16.61		HE		
PNCL	e S	01:03:17.73		HN	0.002	0.8
PMRV	e P	01:02:41.84		HZ		
	e S	01:03:24.89		HE		
PMTG	e S	01:03:28.18		HE		
PCBR	e P	01:02:47.20		EZ	0.001	0.4
	e S	01:03:33.40		EE		

**12-Fev Ho 03:08:32.1 ML 3.3**  
**Lat 46.630°N Lon 00.602°W Prof 2\***  
**Região: France Rms 0.4**  
**AxMax 8.5 AxMin 3.6 Ang 144 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	03:10:06.24		HZ	0.020	0.4
	e S	03:11:16.49		HE		
MVO	e P	03:10:14.96		HZ	0.030	0.4
	e S	03:11:31.81		HE		
PGAV	e P	03:10:15.68		HZ	0.029	0.4
	e S	03:11:32.66		HE		
PCAB	e P	03:10:16.22		HZ	0.016	0.2
	e S	03:11:33.39		HE		
PVRL	e P	03:10:18.49		SZ	0.012	0.5
	e S	03:11:38.93		SE		
PTO	e P	03:10:27.22		SZ	0.011	1.1
	e S	03:11:51.00		SE		
MTE	e P	03:10:26.39		HZ	0.012	0.5
	e S	03:11:52.43		HE		
PCBR	e P	03:10:31.82		EZ	0.007	0.4
	e S	03:12:02.43		EE		
COI	e P	03:10:33.84		HZ		
	e S	03:12:05.00		HE		
PCAS	e P	03:10:36.65		HZ	0.006	0.3
	e S	03:12:09.45		HE		
PMRV	e P	03:10:36.60		HZ		
	e S	03:12:10.04		HN		
PESTR	e P	03:10:43.82		HZ		
	e S	03:12:23.21		HN		
PMTG	e P	03:10:45.38		HZ		
	e S	03:12:24.83		HE		
PBAR	e P	03:10:49.61		HZ		
	e S	03:12:32.56		HN		
EVO	e P	03:10:50.16		HZ		
	e S	03:12:35.79		HE		
PMAFR	e P	03:10:55.07		HZ		
PNCL	e P	03:10:58.04		HZ		
MESJ	e P	03:11:00.72		HZ		
	e S	03:13:01.57		HN		
PCVE	e P	03:11:01.39		HZ		
PVAQ	e P	03:11:03.09		HN		
	e S	03:12:53.66		HE		
PBDV	e P	03:11:05.10		HZ		

e S 03:13:01.73 HE  
MORF e P 03:11:07.86 HZ

**12-Fev Ho 03:35:39.5 ML 1.9**  
**Lat 38.820°N Lon 07.980°W Prof 18**  
**Região: N Arraiolos Rms 0.3**  
**AxMax 2.0 AxMin 1.5 Ang 92 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	i Pg	d 03:35:45.77		HZ	0.131	0.1
	e Sg	03:35:50.36		HE		
PESTR	i Pg	c 03:35:45.86		HZ	0.059	0.2
	e Sg	03:35:50.39		HE		
PMTG	i Pg	d 03:35:45.73		HZ	0.043	0.1
	e Sg	03:35:50.29		HN		
PMRV	e Pg	c 03:35:53.46		HZ	0.015	0.2
	e Sg	03:36:03.54		HN		
PBEJ	e P	03:35:53.96		EZ	0.043	0.4
	e S	03:36:04.35		EE		
PNCL	e P	03:35:54.59		HZ	0.018	0.1
	e S	03:36:05.43		HN		
PSBE	e P	03:35:56.56		HZ	0.007	0.4
	e S	03:36:09.40		HN		
PSES	e P	03:35:57.10		HZ	0.016	0.2
	e S	03:36:10.16		HE		
PBAR	e P	d 03:35:57.03		HZ	0.011	0.2
	e S	03:36:10.70		HN		
MESJ	e P	03:35:57.62		HZ	0.021	0.8
	e S	03:36:10.31		HE		
PMAFR	e P	03:35:58.09		HZ	0.029	0.2
	e S	03:36:11.60		HN		
PCBR	e P	03:35:59.15		EZ	0.026	0.3
	e S	03:36:13.08		EE		
PCVE	e P	03:36:00.93		HZ	0.015	0.2
	e S	03:36:16.41		HE		
PCAS	e P	03:36:02.50		HZ	0.009	0.3
	e S	03:36:19.46		HE		
PTEO	e P	03:36:04.36		EZ	0.010	0.9
	e S	03:36:21.91		EE		
COI	e S	03:36:22.72		HE	0.017	0.3
PVAQ	e S	03:36:22.97		HN		
PBDV	e Sn	03:36:26.91		HE	0.007	0.2
MORF	e Pn	03:36:05.15		HZ	0.015	0.2
	e Sn	03:36:27.27		HN		
MTE	e Pg	03:36:08.53		HZ	0.007	0.6
	e Sg	03:36:28.74		HE		
PFVI	e Sg	03:36:35.50		HE	0.005	0.1
MVO	e Sn	03:36:45.11		HN	0.007	0.4
	e Sg	03:36:55.28		HN		
PVRL	e Sn	03:36:45.50		SE	0.004	0.4
PBRG	e Sg	03:37:16.63		HE	0.003	0.7
PGAV	e Sg	03:37:18.34		HE	0.003	0.5

**12-Fev Ho 15:30:04.5 ML 0.8**  
**Lat 37.507°N Lon 07.609°W Prof 20**  
**Região: NW Alcoutim Rms 0.2**  
**AxMax 2.7 AxMin 2.6 Ang 136 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pg	15:30:08.70		HE		
	e Sg	15:30:11.66		HN		
PCVE	e Pg	15:30:12.05		HZ	0.003	0.2
	e Sg	15:30:17.22		HE		
PBDV	e Pg	15:30:12.05		HZ	0.004	0.1
	e Sg	15:30:17.03		HN		
MESJ	e Sg	15:30:23.62		HN	0.003	0.3
PBAR	e S	15:30:30.05		HN		
PNCL	e S	15:30:33.94		HN	0.002	0.3

**12-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e P	17:23:59.16		HZ	0.041	0.6
	e S	17:24:04.90		HN		
FUL	e S	17:24:02.37		EE	0.061	0.4
PMAR	e S	17:24:04.24		H2	0.039	0.2
PMPS	e S	17:24:16.81		SE	0.006	0.1
PMPST	e S	17:24:17.52		HE	0.009	0.2

**12-Fev Ho 17:24:23.7 ML 2.1**  
**Lat 32.300°N Lon 17.138°W Prof 11\***  
**Região: SW Ribeira Brava (Madeira Rms 0.2)**  
**AxMax 7.6 AxMin 6.3 Ang 18 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMSOL	e S	17:24:34.32		SE	0.085	0.2
FUL	e S	17:24:34.75		EE	0.152	0.2
PMAR	e P	17:24:31.14		HZ	0.123	0.2
	e S	17:24:35.91		H1		
PMOZ	e P	17:24:31.72		HZ	0.128	0.3
	e S	17:24:37.78		HE		
PMPS	e S	17:24:49.51		SN	0.023	0.3
PMPST	e P	17:24:38.38		HZ	0.037	0.8
	e S	17:24:49.76		HN		

**12-Fev Ho 22:06:38.2 ML 1.8**  
**Lat 36.728°N Lon 09.629°W Prof 22**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 5.7 AxMin 4.2 Ang 53 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	i P	c 22:06:51.93		HZ	0.017	0.3
	e S	22:07:02.52		HE		
MORF	e P	22:06:54.90		HZ	0.027	0.1
	e S	22:07:08.02		HE		
PTEO	e P	22:06:56.44		EZ	0.007	0.5
	e S	22:07:10.81		EN		
PBDV	e P	c 22:07:01.59		HZ	0.005	1.3
	e S	22:07:18.81		HE		
PCVE	e P	22:07:03.20		HZ	0.006	0.3
	e S	22:07:22.40		HE		
MESJ	e P	22:07:03.19		HZ	0.006	0.7
	e S	22:07:22.66		HE		
PNCL	e P	22:07:03.97		HZ	0.003	0.2
	e S	22:07:23.75		HE		
PVAQ	e P	22:07:04.51		HE		
	e S	22:07:24.34		HE		
PBEJ	e S	22:07:30.13		EE	0.004	0.2
EVO	e P	22:07:11.46		HZ	0.004	0.2
	e S	22:07:37.39		HE		
PMAFR	e P	22:07:12.03		HZ	0.008	0.8
	e S	22:07:37.47		HE		
PBAR	e P	22:07:16.69		HZ	0.002	0.4
	e S	22:07:44.85		HN		
PMTG	e P	22:07:17.11		HZ	0.001	0.2
	e S	22:07:46.37		HE		
PESTR	e S	22:07:48.41		HN	0.001	0.7
PSBE	e S	22:07:53.07		HE		
PMRV	e P	22:07:25.72		HZ	0.002	0.3
	e S	22:08:00.97		HE		

**13-Fev Ho 00:17:04.2 ML 1.6**  
**Lat 32.311°N Lon 17.162°W Prof 9\***  
**Região: SW Ribeira Brava (Madeira Rms 0.1)**  
**AxMax 4.4 AxMin 3.4 Ang 20 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMSOL	e P	00:17:09.38		SZ	0.023	0.3
	e S	00:17:14.56		SE		
FUL	e P	00:17:10.62		EZ	0.029	0.2
	e S	00:17:15.06		EE		
PMAR	e P	00:17:11.50		HZ	0.030	0.3
	e S	00:17:16.21		H2		
PMOZ	e P	00:17:12.00		HZ	0.043	0.4
	e S	00:17:18.00		HE		
PMPS	e S	00:17:30.03		SN	0.012	0.9
PMPST	e P	00:17:19.07		HZ	0.021	0.6
	e S	00:17:30.38		HE		

**13-Fev Ho 01:13:29.1 ML 1.8**  
**Lat 35.446°N Lon 04.116°W Prof 1\***  
**Região: NW Al Hoceima (MARR) Rms 0.4**  
**AxMax 5.7 AxMin 3.3 Ang 22 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pn	01:14:24.76		HN		
	e Sn	01:15:03.64		HN		
PBDV	e Pn	01:14:24.01		HZ	0.002	0.7
	e Sn	01:15:05.15		HE		
PBAR	e Pn	01:14:25.13		HZ	0.001	0.9
	e Sn	01:15:06.83		HN		

PCVE	e Pn	01:14:28.65	HZ	0.002	0.6	<b>13-Fev</b>						
	e Sn	01:15:12.41	HE			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MESJ	e Pn	01:14:31.60	HZ	0.002	0.3	PBDV	e P	13:23:32.76		HZ		
	e Sn	01:15:18.10	HN				e S	13:24:21.90		HN		
PFVI	e Pn	01:14:36.01	HZ			PVAQ	e P	13:23:35.12		HE		
	e Sn	01:15:16.60	HN				e S	13:24:20.18		HE		
PESTR	e Pn	01:14:38.15	HZ	0.003	0.7	PCVE	e P	13:23:39.40		HZ		
	e Sn	01:15:25.73	HE			MESJ	e P	13:23:42.22		HZ		
PNCL	e Sn	01:15:25.29	HN	0.001	0.7		e S	13:24:35.78		HN		
PMRV	e Pn	01:14:42.51	HZ			PTEO	e P	13:23:47.26		EZ		
	e Sn	01:15:36.33	HE			PNCL	e P	13:23:48.68		HZ		

**13-Fev Ho 02:39:53.8 Distante (NEIC) MB 5.6**  
**Lat 12.364°N Lon 93.132°E Prof 69**  
**Região: Andaman Islands, India Region**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e P	02:52:40.57		BZ	0.044	2.0
MVO	e P	02:52:42.25		BZ	0.031	1.6
	e LR	03:17:16.34		LZ	1.647	18
PVRL	e P	02:52:43.53		SZ	0.050	2.0
MTE	e P	02:52:45.63		BZ	0.057	1.5
	e LR	03:19:35.55		LZ	1.377	18
PGAV	e LR	03:17:01.21		LZ	1.363	18
PCBR	e P	02:52:45.66		SZ	0.032	1.5
	e pP	02:53:03.67		SZ		
PMRV	e P	02:52:45.43		BZ	0.017	1.7
	e LR	03:14:06.31		LZ	1.214	20
PBAR	e P	02:52:46.49		BZ	0.079	1.0
	e pP	02:53:04.70		BZ		
PESTR	e P	02:52:47.08		BZ	0.040	1.7
PTO	e P	02:52:47.87		SZ	0.050	1.3
COI	e P	02:52:57.25		BZ	0.041	1.7
PCAS	e P	02:52:48.84		BZ	0.043	2.0
EVO	e P	02:52:49.30		BZ	0.017	1.2
	e pP	02:53:07.78		BZ		
PMTG	e P	02:52:49.02		BZ	0.023	1.0
PBEJ	e P	02:52:49.58		SZ	0.020	1.3
PCVE	e P	02:52:50.60		BZ	0.019	1.1
PBDV	e P	02:52:51.09		BZ	0.050	1.1
	e pP	02:53:09.48		BZ		
PSBE	e P	02:52:50.92		BZ	0.101	1.5
MESJ	e P	02:52:51.08		BZ	0.031	1.8
	e pP	02:53:09.47		BZ		
PNCL	e P	02:52:51.97		BZ	0.024	1.9
PMAFR	e P	02:52:53.63		BZ	0.113	1.6
PTEO	e P	02:52:53.42		SZ	0.041	1.9
MORF	e P	02:52:53.73		BZ	0.032	2.3
PSES	e P	02:52:53.45		BZ	0.103	2.2
PFVI	e P	02:52:54.37		BZ	0.059	1.5
PMOZ	e LR	03:23:32.57		LZ	0.866	20

**13-Fev Ho 04:27:34.0 ML 2.6**  
**Lat 30.334°N Lon 08.199°W Prof 29\***  
**Região: Morocco Rms 0.4**  
**AxMax 21.8 AxMin 10.5 Ang 67 ErrZ 0**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e Pn	04:29:11.49		HZ		
	e Sn	04:30:24.64		HN		
PBDV	e Pn	04:29:12.51		HZ	0.002	0.6
	e Sn	04:30:28.85		HN		
MORF	e Pn	04:29:14.31		HZ	0.002	0.4
	e Sn	04:30:32.13		HN		
PVAQ	e Pn	04:29:15.61		HN		
	e Sn	04:30:32.03		HE		
PCVE	e Pn	04:29:17.89		HZ	0.002	0.7
	e Sn	04:30:36.51		HN		
MESJ	e Pn	04:29:21.24		HZ		
	e Sn	04:30:43.70		HE		
PNCL	e Pn	04:29:32.53		HZ	0.002	0.8
	e Sn	04:30:51.16		HE		
PBAR	e Pn	04:29:26.23		HZ	0.001	0.7
	e Sn	04:30:50.91		HN		
EVO	e Pn	04:29:39.70		HZ		
PMAFR	e Sn	04:31:07.56		HN	0.012	0.8
PMRV	e Pn	04:29:51.84		HZ		

**13-Fev Ho 16:40:24.3 ML 1.6**  
**Lat 36.600°N Lon 09.732°W Prof 17**  
**Região: SW Cabo S.Vicente Rms 0.2**  
**AxMax 5.8 AxMin 5.1 Ang 57 ErrZ 5**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	c 16:40:40.39		HZ	0.004	0.3
	e S	16:40:52.74		HE		
MORF	e P	c 16:40:43.49		HZ	0.004	0.4
	e S	16:40:57.90		HN		
PTEO	e P	16:40:45.30		EZ		
	e S	16:41:01.27		EE		
PBDV	e P	c 16:40:49.93		HZ	0.002	0.8
	e S	16:41:09.59		HE		
PCVE	e P	16:40:51.84		HZ	0.002	0.1
	e S	16:41:13.18		HE		
MESJ	e P	16:40:51.92		HZ	0.002	0.4
	e S	16:41:12.82		HE		
PNCL	e P	16:40:52.59		HZ	0.003	0.2
	e S	16:41:14.28		HN		
PVAQ	e P	16:40:53.02		HN		
	e S	16:41:14.37		HE		
PSES	e S	16:41:17.03		HE		
PMAFR	e S	16:41:28.02		HN	0.008	0.2
PBAR	e P	16:41:04.70		HZ	0.001	0.4
	e S	16:41:35.13		HE		
PMTG	e P	16:41:05.87		HZ	0.003	0.7
	e S	16:41:36.59		HN		
PESTR	e S	16:41:39.37		HN		
PSBE	e P	16:41:08.28		HZ	0.006	0.6
	e S	16:41:45.08		HE		
PMRV	e P	16:41:13.26		HZ	0.002	0.9
	e S	16:41:52.16		HN		

**13-Fev Ho 17:44:33.7 ML 1.7**  
**Lat 36.346°N Lon 08.124°W Prof 15**  
**Região: SW Faro Rms 0.4**  
**AxMax 7.7 AxMin 5.2 Ang 42 ErrZ 6**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	17:44:50.43		HZ	0.006	0.3
	e S	17:45:02.53		HN		
PFVI	e P	17:44:50.74		HZ	0.007	0.6
	e S	17:45:03.58		HN		
MORF	e P	c 17:44:52.25		HZ	0.010	0.1
	e S	17:45:06.47		HN		
PVAQ	e P	17:44:53.04		HN		
	e S	17:45:07.20		HE		
PCVE	e P	17:44:55.82		HZ	0.008	0.1
	e S	17:45:12.06		HN		
PTEO	e P	17:44:55.49		EZ	0.005	0.2
	e S	17:45:12.29		EN		
MESJ	e P	17:44:58.61		HZ	0.013	0.2
	e S	17:45:17.22		HE		
PNCL	e P	c 17:45:02.46		HZ	0.003	0.2
	e S	17:45:23.90		HE		
PBAR	e P	17:45:05.79		HZ	0.002	0.3
	e S	17:45:29.78		HE		
EVO	e P	17:45:07.71		HZ	0.007	0.1
	e S	17:45:33.90		HE		
PESTR	e S	17:45:42.06		HN	0.002	1.1
PMTG	e P	17:45:15.22		HZ	0.008	0.1
	e S	17:45:45.94		HN		
PMAFR	e P	17:45:17.07		HZ		
	e S	17:45:49.18		HN		
PMRV	e P	17:45:20.91		HZ	0.002	0.6
	e S	17:45:56.19		HE		
PSBE	e P	17:45:22.86		HZ	0.006	0.5

	e S	17:45:59.71	HE
PCBR	e S	17:46:06.49	EE
PCAS	e P	17:45:31.67	HZ
	e S	17:46:11.65	HN
MVO	e P	17:45:44.99	HZ
	e S	17:46:38.96	HE

<b>14-Fev</b>							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PVIS	e Pn	02:49:50.61		HZ			
PBRG	e Sg	02:50:04.51		HE	0.006	0.3	
PGAV	e Sg	02:50:12.65		HE			
PVRL	e Sg	02:50:25.09		SN	0.004	0.3	
MVO	e Sg	02:50:25.64		HN	0.006	0.7	

<b>13-Fev</b>	<b>Ho</b>	<b>21:52:27.8</b>		<b>ML 0.5</b>				
	<b>Lat</b>	<b>37.264°N</b>	<b>Lon</b>	<b>07.919°W</b>	<b>Prof</b>	<b>3*</b>		
	<b>Região: NW S.Brás de Alportel</b>				<b>Rms</b>	<b>0.2</b>		
	<b>AxMax</b>	<b>1.9</b>	<b>AxMin</b>	<b>1.4</b>	<b>Ang</b>	<b>116</b>	<b>ErrZ</b>	<b>0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBDV	e Pg	d 21:52:28.32		HZ	0.008	0.1		
	e Sg	21:52:29.20		HE				
PVAQ	e Pg	21:52:31.56		HN				
	e Sg	21:52:34.63		HE				
PCVE	e Pg	21:52:34.80		HZ				
	e Sg	21:52:39.89		HE				
MORF	e Pg	21:52:37.73		HZ	0.006	0.7		
	e Sg	21:52:46.27		HE				
MESJ	e Pg	21:52:39.49		HZ	0.002	0.5		
	e Sg	21:52:47.56		HN				
PTEO	e S	21:52:50.20		EE				
PFVI	e S	21:52:52.23		HE	0.005	0.7		
PNCL	e P	21:52:45.45		HZ	0.001	0.2		
	e S	21:52:58.97		HN				
PBAR	e S	21:53:04.24		HN				
PESTR	e Sg	21:53:19.02		HE				

<b>14-Fev</b>	<b>Ho</b>	<b>03:59:16.5</b>		<b>ML 2.3</b>				
	<b>Lat</b>	<b>42.692°N</b>	<b>Lon</b>	<b>02.192°W</b>	<b>Prof</b>	<b>17</b>		
	<b>Região: NE Logrones (ESP)</b>				<b>Rms</b>	<b>0.4</b>		
	<b>AxMax</b>	<b>3.4</b>	<b>AxMin</b>	<b>2.2</b>	<b>Ang</b>	<b>146</b>	<b>ErrZ</b>	<b>4</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBRG	e Pn	04:00:08.74		HZ	0.004	0.5		
	e Sn	04:00:49.46		HE				
MVO	e Pn	04:00:14.57		HZ	0.006	0.6		
	e Sn	04:00:59.46		HN				
	e Sg	04:01:16.89		HN				
PVRL	e Sg	04:01:30.35		SN	0.005	0.4		
MTE	e Sg	04:01:38.10		HE	0.005	0.7		
PVIS	e Sn	04:01:17.98		HN	0.003	0.4		
	e Sg	04:01:40.87		HN				
PCBR	e Sn	04:01:21.21		EE	0.002	0.7		
	e Sg	04:01:49.15		EN				
PMRV	e Pn	04:00:30.32		HZ	0.004	0.7		
	e Sn	04:01:27.16		HE				
PESTR	e Pn	04:00:37.50		HZ	0.003	0.6		
	e Sg	04:02:09.03		HE				

<b>13-Fev</b>	<b>Ho</b>	<b>22:14:55.1</b>		<b>ML 2.5</b>				
	<b>Lat</b>	<b>30.248°N</b>	<b>Lon</b>	<b>09.195°W</b>	<b>Prof</b>	<b>25*</b>		
	<b>Região: Morocco</b>				<b>Rms</b>	<b>0.5</b>		
	<b>AxMax</b>	<b>20.7</b>	<b>AxMin</b>	<b>13.4</b>	<b>Ang</b>	<b>34</b>	<b>ErrZ</b>	<b>0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PFVI	e P	22:16:33.32		HZ				
	e S	22:17:47.26		HE				
MORF	e P	22:16:38.17		HZ	0.002	0.9		
	e S	22:17:52.36		HN				
PBDV	e P	22:16:35.84		HZ	0.003	0.7		
	e S	22:17:51.72		HE				
PVAQ	e P	22:16:39.70		HN				
	e S	22:17:53.16		HE				
PTEO	e S	22:17:57.97		EN				
PCVE	e P	22:16:41.66		HZ				
	e S	22:17:57.50		HE				
MESJ	e P	22:16:46.22		HZ	0.003	0.6		
	e S	22:18:04.11		HE				
PNCL	e P	22:16:51.75		HZ	0.002	0.6		
	e S	22:18:10.24		HN				
PBAR	e P	22:16:48.26		HZ	0.001	0.9		
	e S	22:18:12.46		HE				
PMTG	e P	22:17:01.05		HZ				

<b>14-Fev</b>	<b>Ho</b>	<b>04:29:14.2</b>		<b>ML 1.8</b>				
	<b>Lat</b>	<b>37.879°N</b>	<b>Lon</b>	<b>03.157°W</b>	<b>Prof</b>	<b>13</b>		
	<b>Região: NW Almeria (ESP)</b>				<b>Rms</b>	<b>0.4</b>		
	<b>AxMax</b>	<b>4.2</b>	<b>AxMin</b>	<b>3.6</b>	<b>Ang</b>	<b>98</b>	<b>ErrZ</b>	<b>5</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBAR	e Sn	04:30:36.46		HE	0.002	1.2		
	e Sg	04:30:48.93		HN				
PESTR	e Sn	04:30:49.50		HE	0.002	0.6		
	e Sg	04:31:04.93		HE				
PMRV	e Pg	04:30:17.75		HZ	0.002	0.7		
	e Sg	04:31:08.40		HN				
PBDV	e Sg	04:31:13.36		HE				
EVO	e Sg	04:31:14.06		HN				

<b>14-Fev</b>	<b>Ho</b>	<b>00:05:30.3</b>	<b>Distante (NEIC)</b>	<b>MB 5.5</b>				
	<b>Lat</b>	<b>05.998°S</b>	<b>Lon</b>	<b>133.803°E</b>	<b>Prof</b>	<b>10</b>		
	<b>Região: Aru Islands Region, Indonesia</b>							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PVRL	e PKP	00:24:42.75		SZ				
MTE	e PKP	00:24:43.87		BZ				
PVIS	e PKP	00:24:44.31		BZ				
PCBR	e PKP	00:24:42.75		SZ				
PMRV	e PKP	00:24:42.83		BZ				
COI	e PKP	00:24:44.52		BZ				
PCAS	e PKP	00:24:45.12		BZ				
PESTR	e PKP	00:24:45.43		BZ				
PBAR	e PKP	00:24:44.87		BZ				
PBEJ	e PKP	00:24:47.33		SZ				
PCVE	e PKP	00:24:47.73		BZ				
MESJ	e PKP	00:24:48.13		BZ				
PNCL	e PKP	00:24:47.71		BZ				
MORF	e PKP	00:24:49.41		BZ				
PFVI	e PKP	00:24:49.53		BZ				

<b>14-Fev</b>	<b>Ho</b>	<b>05:33:14.2</b>		<b>ML 2.5</b>				
	<b>Lat</b>	<b>37.872°N</b>	<b>Lon</b>	<b>03.243°W</b>	<b>Prof</b>	<b>15</b>		
	<b>Região: NW Almeria (ESP)</b>				<b>Rms</b>	<b>0.5</b>		
	<b>AxMax</b>	<b>2.5</b>	<b>AxMin</b>	<b>2.1</b>	<b>Ang</b>	<b>58</b>	<b>ErrZ</b>	<b>4</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBAR	e Pn	05:33:59.74		HZ	0.014	0.2		
	e Pg	05:34:06.84		HZ				
	e Sn	05:34:35.08		HE				
	e Sg	05:34:45.93		HN				
PESTR	e Pg	05:34:18.31		HZ	0.011	0.6		
	e Sn	05:34:48.45		HE				
	e Sg	05:35:03.56		HN				
PVAQ	e Pn	05:34:08.00		HN				
	e Sn	05:34:48.23		HE				
	e Sg	05:35:05.64		HE				
PMRV	e Pg	05:34:19.75		HZ	0.016	0.4		
	e Sn	05:34:49.66		HN				
	e Sg	05:35:05.36		HN				
PBEJ	e Sg	05:35:05.57		EN	0.006	0.5		
PBDV	e Pn	05:34:10.19		HZ	0.006	0.8		
	e Sn	05:34:54.48		HN				
	e Sg	05:35:10.77		HN				
PCVE	e Pn	05:34:10.90		HZ	0.008	0.4		
	e Sn	05:34:54.57		HE				
	e Sg	05:35:11.91		HN				
EVO	e Sn	05:34:54.58		HE	0.010	0.5		
	e Sg	05:35:11.03		HN				
PCBR	e Pn	05:34:11.20		EZ	0.008	0.4		
	e Sn	05:34:55.92		EE				
MESJ	e Pn	05:34:13.50		HZ	0.007	0.6		
	e Sn	05:34:56.85		HN				

PMTG	e Sg	05:35:15.09	HN			MESJ	e Sg	06:14:00.72	HN		
	e Sn	05:35:00.59	HN	0.010	0.7		e Pn	06:13:11.71	HZ	0.003	0.6
	e Sg	05:35:20.18	HN				e Sn	06:13:48.43	HN		
PNCL	e Sn	05:35:04.39	HE	0.005	0.5	EVO	e Sn	06:13:50.67	HE	0.004	0.6
	e Sg	05:35:23.95	HN				e Sg	06:14:04.88	HE		
MTE	e Pg	05:34:31.92	HZ	0.011	0.4	PMRV	e Sg	06:14:07.22	HE	0.004	0.3
	e Sg	05:35:22.88	HN			MORF	e Sn	06:13:55.64	HE	0.003	0.7
MORF	e Pn	05:34:19.00	HZ	0.004	0.5		e Sg	06:14:11.05	HN		
	e Sn	05:35:07.37	HN			PNCL	e Pn	06:13:15.24	HZ	0.003	0.5
	e Sg	05:35:29.18	HN				e Sn	06:13:56.39	HN		
PTEO	e Sn	05:35:08.78	EE	0.010	0.7	PTEO	e Sn	06:13:57.46	EN		
	e Sg	05:35:29.07	EE			PMTG	e Pn	06:13:17.90	HZ	0.003	0.7
MVO	e Pn	05:34:20.09	HZ				e Sn	06:14:00.27	HE		
PFVI	e Sn	05:35:11.99	HE				e Sg	06:14:16.63	HE		
PVIS	e Sg	05:35:36.74	HN	0.005	0.6	PCBR	e Pn	06:13:19.49	EZ	0.003	0.6
PCAS	e Sn	05:35:14.30	HE	0.009	0.8		e Sn	06:14:01.11	EE		
	e Sg	05:35:39.17	HN			MTE	e Sg	06:14:31.81	HN	0.006	0.7
PSBE	e Sn	05:35:14.62	HN	0.009	0.6	PSBE	e Sn	06:14:15.35	HN		
	e Sg	05:35:39.83	HN								

**14-Fev Ho 05:46:28.2 ML 2.1**  
**Lat 36.995°N Lon 04.272°W Prof 12**  
**Região: NE Malaga (ESP) Rms 0.4**  
**AxMax 4.0 AxMin 3.2 Ang 7 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	05:47:07.37		HZ	0.007	0.5
	e Sn	05:47:37.37		HE		
	e Sg	05:47:45.17		HE		
PVAQ	e Sn	05:47:44.11		HN		
PBDV	e Sn	05:47:46.91		HN	0.005	0.5
PBEJ	e Sn	05:47:51.02		EE	0.004	0.4
	e Sg	05:48:01.16		EE		
PCVE	e Sn	05:47:50.33		HN	0.004	0.7
	e Sg	05:48:04.73		HN		
PESTR	e Pn	05:47:19.26		HZ	0.004	0.5
	e Pg	05:47:26.02		HZ		
	e Sn	05:47:54.89		HE		
	e Sg	05:48:07.51		HN		
MESJ	e Pn	05:47:18.08		HZ		
EVO	e Sn	05:47:57.65		HE	0.005	0.5
	e Sg	05:48:10.17		HN		
PMRV	e Pn	05:47:23.43		HZ	0.005	0.4
	e Sg	05:48:14.43		HN		
MORF	e Sn	05:48:03.41		HE	0.005	0.9
PNCL	e Pn	05:47:21.70		HZ	0.003	0.2
	e Sn	05:48:03.15		HE		
PTEO	e Sn	05:48:04.10		EN		
PFVI	e Sn	05:48:07.13		HN		
PMTG	e Pn	05:47:25.90		HZ	0.004	1.0
	e Sn	05:48:07.04		HE		
PCBR	e Pn	05:47:26.36		EZ	0.004	0.3
	e Sn	05:48:08.93		EN		
MTE	e Sg	05:48:39.69		HN	0.005	0.4
PSBE	e Sn	05:48:21.45		HN		
MVO	e Pn	05:47:38.84		HZ	0.004	0.7
	e Sn	05:48:30.16		HN		

**14-Fev Ho 06:12:21.8 ML 2.1**  
**Lat 37.049°N Lon 04.221°W Prof 16**  
**Região: NE Malaga (ESP) Rms 0.4**  
**AxMax 3.2 AxMin 2.6 Ang 122 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	06:13:00.89		HZ	0.006	0.7
	e Pg	06:13:06.19		HZ		
	e Sn	06:13:30.20		HE		
	e Sg	06:13:38.48		HE		
PVAQ	e Pn	06:13:04.34		HE		
	e Sn	06:13:37.26		HN		
	e Sg	06:13:47.99		HN		
PBDV	e Pn	06:13:07.81		HZ	0.004	0.5
	e Sn	06:13:41.45		HE		
	e Sg	06:13:53.82		HN		
PBEJ	e Sn	06:13:43.42		EE	0.004	0.9
	e Sg	06:13:55.99		EE		
PCVE	e Sn	06:13:44.44		HN	0.004	0.4
	e Sg	06:13:57.57		HN		
PESTR	e Pg	06:13:19.05		HZ	0.004	0.6
	e Sn	06:13:47.50		HN		

**14-Fev Ho 06:50:42.4 ML 1.9**  
**Lat 37.039°N Lon 04.254°W Prof 14**  
**Região: NE Malaga (ESP) Rms 0.4**  
**AxMax 3.5 AxMin 3.0 Ang 179 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	06:51:21.50		HZ	0.004	0.7
	e Pg	06:51:26.68		HZ		
	e Sn	06:51:50.67		HE		
	e Sg	06:51:58.65		HE		
PVAQ	e Pn	06:51:24.96		HE		
	e Sn	06:51:57.66		HE		
	e Sg	06:52:08.33		HN		
PBDV	e Pn	06:51:28.55		HZ	0.003	0.8
	e Sn	06:52:01.93		HN		
PBEJ	e Sg	06:52:16.01		EE		
PCVE	e Sn	06:52:04.84		HN	0.003	0.4
PESTR	e Pg	06:51:38.67		HZ	0.003	0.6
	e Sn	06:52:07.89		HN		
	e Sg	06:52:21.59		HE		
MESJ	e Pn	06:51:32.18		HZ		
EVO	e Sn	06:52:10.96		HE	0.003	0.4
PMRV	e Sg	06:52:27.41		HE	0.003	0.4
PNCL	e Pn	06:51:36.24		HZ		
	e Sn	06:52:16.88		HE		
PTEO	e Sn	06:52:18.24		EE		
PFVI	e Sn	06:52:19.30		HN		
PMTG	e Sn	06:52:20.60		HE	0.004	0.6
MVO	e Pn	06:51:52.20		HZ		

**14-Fev Ho 08:26:53.5 ML 3.5**  
**Lat 42.327°N Lon 00.630°E Prof 12**  
**Região: Pirinéus (ESP) Rms 0.4**  
**AxMax 2.7 AxMin 2.4 Ang 60 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Pn	08:28:14.81		HZ	0.035	0.5
	e Sn	08:29:14.37		HN		
MVO	e Pn	08:28:19.51		HZ	0.071	0.6
	e Sn	08:29:23.60		HE		
	e Sg	08:29:59.65		HN		
PVRL	e Pn	08:28:25.69		SZ	0.049	0.6
	e Sn	08:29:35.77		SN		
MTE	e Pn	08:28:27.81		HZ	0.039	0.6
	e Sn	08:29:38.17		HE		
	e Sg	08:30:19.77		HN		
PCAB	e Pn	08:28:26.04		HZ	0.042	0.5
	e Sg	08:30:16.86		HN		
PVIS	e Pn	08:28:29.27		HZ	0.019	0.4
	e Sn	08:29:41.45		HE		
PCBR	e Pn	08:28:29.31		EZ	0.022	0.4
	e Sn	08:29:41.22		EE		
PGAV	e Pn	08:28:30.16		HZ	0.031	0.6
	e Sn	08:29:42.98		HE		
PMRV	e Pn	08:28:31.28		HZ	0.025	0.6
	e Sn	08:29:45.15		HN		
COI	e Pn	08:28:37.48		HZ		
PESTR	e Pn	08:28:36.71		HZ	0.018	0.6
	e Sn	08:29:55.11		HN		
PBAR	e Pn	08:28:36.96		HZ	0.025	0.6
	e Sn	08:29:56.27		HN		

PCAS	e Sg	08:30:43.88	HN							EVO	e S	00:24:58.60	HE								
	e Pn	08:28:38.48	HZ	0.028	0.6						e P	00:24:17.05	HZ	0.002	0.3						
	e Sn	08:29:57.52	HE								e S	00:24:59.66	HN								
PMTG	e Pn	08:28:41.03	HZ	0.025	0.6					PESTR	e P	00:24:18.35	HZ								
	e Sn	08:30:02.00	HN								e S	00:25:01.04	HE								
EVO	e Pn	08:28:42.61	HZ	0.017	0.6					PMRV	e P	00:24:24.05	HZ								
	e Sn	08:30:04.97	HN								e S	00:25:11.97	HN								
	e Sg	08:30:56.45	HN							PSES	e S	00:25:11.61	HN								
PSBE	e Pn	08:28:44.99	HZ							PCBR	e P	00:24:29.81	EZ								
PBEJ	e Pn	08:28:44.92	EZ	0.014	0.6						e S	00:25:20.90	EN								
	e Sn	08:30:11.14	EN							PSBE	e P	00:24:33.44	HZ								
PVAQ	e Pn	08:28:49.03	HE							MTE	e P	00:24:37.01	HZ								
	e Sn	08:30:16.57	HE							PCAS	e P	00:24:37.27	HZ								
MESJ	e Pn	08:28:49.88	HZ	0.016	0.5					PVIS	e P	00:24:43.03	HZ								
	e Sn	08:30:18.41	HN								e S	00:25:44.66	HE								
PCVE	e Pn	08:28:49.40	HZ	0.012	0.6					MVO	e P	00:24:45.22	HZ								
	e Sn	08:30:18.01	HN								e S	00:25:49.36	HE								
PNCL	e Pn	08:28:50.26	HZ	0.011	0.5					PVRL	e P	00:24:48.73	SZ								
	e Sn	08:30:17.26	HE								e S	00:25:55.80	SE								
PBDV	e Pn	08:28:51.64	HZ	0.013	0.7																
	e Sn	08:30:22.03	HE																		
PTEO	e Pn	08:28:57.21	EZ							<b>15-Fev</b>											
MORF	e Pn	08:28:57.73	HZ	0.007	0.6					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
	e Sn	08:30:32.81	HN							PVAQ	e Sn	02:04:37.02		HE							
PFVI	e Pn	08:29:00.36	HZ							<b>15-Fev</b>	<b>Ho 03:18:05.5</b>						<b>ML 1.5</b>				
	e Sn	08:30:37.63	HN								<b>Lat 36.477°N</b>	<b>Lon 08.152°W</b>					<b>Prof 16</b>				
											<b>Região: SW Faro</b>						<b>Rms 0.4</b>				
<b>14-Fev</b>	<b>Ho 09:29:07.7</b>										<b>AxMax 6.3</b>	<b>AxMin 5.2</b>	<b>Ang 47</b>				<b>ErrZ 5</b>				
	<b>Lat 42.314°N</b>	<b>Lon 00.623°E</b>								<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
	<b>Região: Pirinéus (ESP)</b>		<b>Prof 1*</b>							PBDV	e P	03:18:20.20		HZ	0.006	0.1					
	<b>AxMax 3.6</b>	<b>AxMin 2.7</b>	<b>Ang 92</b>	<b>ErrZ 0</b>							e S	03:18:31.15		HE							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				PFVI	i P	d 03:18:20.40		HZ	0.007	0.1					
PBRG	e Pn	09:30:28.94	HZ	0.005	0.6						e S	03:18:32.07		HE							
	e Sn	09:31:29.17	HE							MORF	e P	d 03:18:21.79		HZ	0.007	0.1					
MVO	e Pn	09:30:33.30	HZ	0.008	0.5						e S	03:18:34.98		HN							
	e Sn	09:31:37.21	HE							PVAQ	e P	03:18:22.86		HN							
PVRL	e Pn	09:30:39.32	SZ								e S	03:18:35.73		HE							
PVIS	e Pn	09:30:42.98	HZ	0.005	0.6					PCVE	e P	03:18:25.47		HZ	0.004	0.2					
	e Sn	09:31:55.39	HN								e S	03:18:40.41		HN							
PCBR	e Pn	09:30:43.12	EZ	0.003	0.5					PTEO	e P	c 03:18:25.41		EZ							
	e Sn	09:31:55.36	EE								e S	03:18:41.10		EN							
PMRV	e Pn	09:30:45.18	HZ	0.004	0.6					MESJ	e P	03:18:28.33		HZ	0.003	0.2					
	e Sn	09:31:59.16	HE								e S	03:18:45.29		HE							
PESTR	e Pn	09:30:50.52	HZ							PBEJ	e S	03:18:50.65		EE	0.003	0.7					
PBAR	e Pn	09:30:50.97	HZ	0.004	0.7					PNCL	e P	c 03:18:32.06		HZ	0.003	0.2					
	e Sn	09:32:08.75	HE								e S	03:18:51.95		HE							
MESJ	e Pn	09:31:04.40	HZ							PBAR	e P	03:18:35.67		HZ	0.001	0.4					
PCVE	e Pn	09:31:03.50	HZ								e S	03:18:58.05		HE							
										EVO	e P	03:18:37.59		HZ	0.004	0.3					
<b>14-Fev</b>											e S	03:19:01.87		HE							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				PESTR	e P	03:18:43.44		HZ							
PBAR	e Sn	16:56:50.77		HE	0.002	0.9					e S	03:19:10.82		HN							
PVAQ	e Sn	16:56:57.96		HE						PMAFR	e P	03:18:46.22		HZ							
										PMRV	e P	03:18:50.55		HZ	0.002	0.7					
											e S	03:19:24.31		HE							
<b>15-Fev</b>	<b>Ho 00:23:20.5</b>									PSBE	e P	03:18:52.39		HZ							
	<b>Lat 35.481°N</b>	<b>Lon 05.077°W</b>									e S	03:19:27.39		HE							
	<b>Região: SE Tetuan (MARR)</b>		<b>Prof 62</b>							PCBR	e P	03:18:56.17		EZ							
	<b>AxMax 4.0</b>	<b>AxMin 3.2</b>	<b>Ang 146</b>	<b>ErrZ 8</b>							e S	03:19:34.65		EE							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				PCAS	e P	03:18:59.34		HZ							
PVAQ	e P	00:24:03.25		HE							e S	03:19:39.75		HE							
	e S	00:24:35.73		HE						PVIS	e S	03:19:55.58		HN							
PBDV	e P	00:24:03.64		HZ	0.002	0.9				MVO	e S	03:20:07.60		HE							
	e S	00:24:36.45		HN																	
PBAR	e P	00:24:06.82		HZ	0.002	0.2				<b>15-Fev</b>											
	e S	00:24:42.12		HN						<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
PCVE	e P	00:24:07.83		HZ	0.002	0.5				PBAR	e Sg	03:29:46.77		HE	0.001	0.6					
	e S	00:24:44.28		HE							e Sn	03:29:43.54		HE							
PBEJ	e P	00:24:10.55		EZ	0.002	0.7				PBDV	e Sn	03:29:48.49		HN							
	e S	00:24:48.17		EN						MESJ	e Sn	03:29:57.14		HN							
MORF	e P	00:24:10.90		HZ	0.002	0.4															
	e S	00:24:49.00		HE																	
PFVI	e P	00:24:10.97		HZ	0.005	1.0				<b>15-Fev</b>	<b>Ho 03:29:03.7</b>										
	e S	00:24:48.98		HE							<b>Lat 37.327°N</b>	<b>Lon 08.513°W</b>					<b>ML 0.3</b>				
MESJ	e P	00:24:11.25		HZ	0.004	0.7					<b>Região: NE Monchique</b>						<b>Rms 0.2</b>				
	e S	00:24:49.93		HN							<b>AxMax 2.1</b>	<b>AxMin 1.6</b>	<b>Ang 174</b>				<b>ErrZ 6</b>				
PTEO	e P	00:24:13.07		EZ						<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
	e S	00:24:53.03		EN						MORF	e Pg	03:29:06.56		HZ	0.009	0.2					
PNCL	e P	00:24:16.23		HZ	0.002	0.3					e Sg	03:29:08.88		HN							



PTEO	e Sg	03:29:12.92	EN
PFVI	e Sg	03:29:14.39	HN
PBDV	e Sg	03:29:19.00	HN
PVAQ	e Sg	03:29:24.20	HE
PNCL	e S	03:29:29.20	HE

MORF	e P	12:54:55.81	HZ	0.014	0.4
PCVE	e P	12:54:58.35	HZ	0.007	1.2
PTEO	e P	12:54:59.04	EZ	0.006	0.7
MESJ	e Pn	12:55:01.73	HZ	0.007	0.2
PNCL	e Pn	12:55:05.36	HZ	0.006	0.2
PBAR	e Pn	12:55:07.21	HZ		
EVO	e Sn	12:55:37.14	HN		
PESTR	e Pn	12:55:15.29	HZ	0.003	0.5
PMAFR	e Pn	12:55:19.57	HZ	0.013	0.6
PMRV	e Pn	12:55:23.13	HZ		
PSBE	e Pn	12:55:25.44	HZ		
MVO	e Pn	12:55:47.40	HZ		

**15-Fev Ho 05:06:29.1 ML 1.1**  
**Lat 36.513°N Lon 09.707°W Prof 15**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 7.7 AxMin 3.2 Ang 89 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	05:06:45.96		HZ	0.005	0.7
MORF	e P	05:06:49.39		HZ		
PTEO	e S	05:07:07.54		EN		
PBDV	e P	05:06:55.38		HZ		
PCVE	e P	05:06:57.63		HZ		
MESJ	e P	05:06:57.67		HZ		
PVAQ	e P	05:06:58.66		HN		
PNCL	e S	05:07:20.58		HN		
EVO	e S	05:07:33.98		HN		
PMAFR	e S	05:07:35.56		HN		
PBAR	e S	05:07:42.56		HN		
PMRV	e S	05:07:58.63		HN		

**15-Fev Ho 23:19:54.2 ML 1.7**  
**Lat 36.677°N Lon 07.180°W Prof 21**  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 4.2 AxMin 2.9 Ang 33 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	23:20:09.24		HZ	0.008	0.5
PVAQ	e P	23:20:09.57		HZ		
PCVE	e P	23:20:14.34		HZ	0.006	0.2
MORF	e P	23:20:16.32		HZ	0.009	0.1
PFVI	e S	23:20:33.71		HE	0.015	0.5
MESJ	e P	23:20:17.66		HZ	0.005	0.6
PBAR	e P	23:20:18.32		HZ	0.007	0.4
PTEO	e P	23:20:18.87		EZ	0.006	0.4
PNCL	e P	23:20:22.67		HZ	0.003	0.3
EVO	e S	23:20:49.15		HE	0.004	0.1
PESTR	e P	23:20:28.05		HZ	0.003	0.5
PMRV	e P	23:20:35.57		HZ	0.002	0.7
PSBE	e P	23:20:41.23		HZ		
PCBR	e P	23:20:41.37		EZ		
	e S	23:21:16.13		EE		

**15-Fev Ho 08:27:24.0 Distante (IPMA) MW 5.4**  
**Lat 00.020°S Lon 17.840°W Prof 10**  
**Região: North of Ascension Island**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e S	08:39:35.85		LN		
PFVI	e LR	08:43:26.79		LZ	1.274	18
MORF	e P	08:34:41.70		BZ	0.094	1.5
PBDV	e P	08:34:42.05		BZ	0.044	1.8
PTEO	A	08:34:43.08		BZ	0.090	1.4
PVAQ	e P	08:34:57.53		EZ	0.182	1.5
PCVE	e P	08:34:44.98		BZ	0.010	1.6
MESJ	e LR	08:34:45.97		BZ	0.065	1.7
PNCL	e P	08:46:27.32		LZ		
PBEJ	e P	08:34:47.24		BZ	0.041	1.5
PBAR	e P	08:34:49.04		BZ	0.057	1.5
EVO	e LR	08:46:00.78		LZ		
PMRV	e P	08:34:49.47		EZ	0.069	1.5
PCAS	e P	08:34:51.86		BZ	0.033	1.8
PCBR	e LR	08:46:30.13		LZ	1.980	20
MTE	e P	08:34:53.05		BZ	0.094	1.6
PMAFR	e P	08:34:55.22		BZ		
PESTR	e P	08:34:57.23		BZ	0.057	1.5
PMRV	e LR	08:47:13.06		LZ		
PCAS	e P	08:35:01.90		BZ	0.064	1.5
PCBR	e LR	08:41:23.21		LN		
MTE	e LR	08:48:12.55		LZ	1.419	20
PVIS	e P	08:35:04.79		BZ	0.188	1.6
MVO	e P	08:35:04.53		SZ	0.023	1.7
PGAV	e P	08:35:09.00		BZ	0.082	1.4
PBRG	e P	08:41:22.58		LN		
	e LR	08:48:57.62		LZ	1.936	16
	e P	08:35:10.76		BZ		
	e P	08:35:15.81		BZ	0.090	1.6
	e LR	08:48:44.78		LZ	1.605	22
	e LR	08:48:12.55		LZ	2.418	18
	e P	08:35:20.89		BZ	0.069	1.6

**16-Fev Ho 01:54:42.0 Distante (NEIC) MW 4.6**  
**Lat 15.633°N Lon 95.018°W Prof 39**  
**Região: Near Coast of Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSES	e P	02:06:32.44		BZ	0.302	1.8
PGAV	e P	02:06:32.75		BZ		
PSBE	e P	02:06:32.26		BZ		
PCAS	e P	02:06:33.51		BZ		
COI	e P	02:06:34.12		BZ		
PFVI	e P	02:06:35.31		BZ	0.117	1.2
POLO	e P	02:06:34.80		BZ		
PNCL	e P	02:06:35.24		BZ		
PVIS	e P	02:06:35.10		BZ		
MORF	e P	02:06:35.87		BZ		
PVRL	e P	02:06:35.42		SZ		
MESJ	e P	02:06:37.10		BZ		
EVO	e P	02:06:36.97		BZ	0.025	1.3
MTE	e P	02:06:37.05		BZ		
PCVE	e pP	02:06:49.62		BZ		
PCBR	e P	02:06:38.42		BZ		
	e P	02:06:37.71		SZ	0.039	1.4

**15-Fev Ho 12:54:35.5 ML 1.9**  
**Lat 36.227°N Lon 07.892°W Prof 23**  
**Região: Golfo de Cádiz Rms 0.3**  
**AxMax 4.5 AxMin 3.7 Ang 67 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	12:54:52.73		HZ	0.012	0.4
PFVI	e P	12:54:54.54		HZ	0.012	0.5
PVAQ	e P	12:54:55.11		HN		

PBEJ	e pP	02:06:49.49	SZ			
	e P	02:06:38.14	SZ	0.020	1.3	
	e pP	02:06:52.03	SZ			
MVO	e P	02:06:38.56	BZ			
PESTR	e P	02:06:38.21	BZ			
PBDV	e P	02:06:39.43	BZ			
PMRV	e P	02:06:38.42	BZ			
	e pP	02:06:51.36	BZ			
PBRG	e P	02:06:38.71	BZ	0.050	1.7	
	e pP	02:06:51.96	BZ			
PVAQ	e P	02:06:39.60	BZ			
PBAR	e P	02:06:41.51	BZ	0.034	1.8	

**16-Fev Ho 11:21:51.1 Distante (NEIC) MB 4.4**  
**Lat 39.825°N Lon 15.406°E Prof 282**  
**Região: Southern Italy**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	11:25:31.13		BZ	0.033	1.7
MVO	e P	11:25:32.26		BZ	0.035	1.9
PBAR	e P	11:25:36.69		BZ	0.032	1.2
PMRV	e P	11:25:37.05		BZ	0.057	1.9
PCBR	e P	11:25:39.81		SZ	0.018	1.8
PVIS	e P	11:25:39.64		BZ		
PGAV	e P	11:25:43.00		BZ	0.080	1.9
PBEJ	e P	11:25:45.03		SZ	0.015	1.1
PVAQ	e P	11:25:45.38		BZ	0.006	1.1
PCAS	e P	11:25:44.90		BZ		
PCVE	e P	11:25:45.58		BZ	0.030	2.0
PBDV	e P	11:25:48.15		BZ	0.063	1.0
MESJ	e P	11:25:45.87		BZ	0.035	2.0
PTEO	e P	11:25:54.00		SZ	0.045	1.6
PSES	e P	11:25:50.42		BZ	0.152	1.9
PMAFR	e P	11:25:52.83		BZ	0.118	1.3

**16-Fev Ho 20:37:24.6 ML 1.9**  
**Lat 44.381°N Lon 08.383°W Prof 11**  
**Região: Mar Cantábrico Rms 0.4**  
**AxMax 12.0 AxMin 5.8 Ang 96 ErrZ 8**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pn	20:38:01.45		HZ	0.006	0.4
	i -	20:38:08.31		HZ		
	e Sg	20:38:38.50		HN		
PCAB	e Pn	20:38:06.40		HZ	0.006	0.2
	i -	20:38:13.31		HZ		
	e Sg	20:38:47.54		HE		
PBRG	e Pn	20:38:09.38		HZ	0.005	0.6
	e Sg	20:38:51.65		HE		
POLO	e Pn	20:38:11.56		HZ	0.002	0.8
	e Sn	20:38:46.85		HN		
	e Sg	20:38:58.43		HE		
MVO	e Pn	20:38:16.07		HZ	0.003	0.5
	e Sg	20:39:09.19		HE		
PVIS	e Pn	20:38:19.91		HZ		

**16-Fev Ho 22:27:35.5 ML 1.4**  
**Lat 36.775°N Lon 06.548°W Prof 31\***  
**Região: Golfo de Cádiz Rms 0.2**  
**AxMax 6.2 AxMin 2.3 Ang 177 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	22:27:53.75		HE		
	e S	22:28:07.54		HN		
PBDV	e S	22:28:09.50		HN	0.003	0.6
PBAR	e P	22:27:58.60		HZ		
	e S	22:28:16.58		HE		
PCVE	e S	22:28:15.63		HN		
MESJ	e S	22:28:20.99		HE		
PNCL	e S	22:28:29.76		HE	0.005	0.7

**16-Fev Ho 23:39:39.5 Distante (NEIC) MW 7.2**  
**Lat 16.418°N Lon 97.958°W Prof 22**  
**Região: Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e P	23:51:11.03		BZ	0.679	2.0
	e PP	23:53:56.95		BZ		
	e S	24:00:59.42		LE		
	e LQ	24:10:24.52		LN		
	e LR	24:13:01.81		LZ	242.0	22
PMAR	e P	23:51:11.47		BZ	0.787	1.4

PMPST	e PP	23:53:58.30		BZ		
	e P	23:51:14.39		BZ	0.863	1.9
	e PP	23:54:04.82		BZ		
PMAFR	e P	23:51:39.80		BZ	1.038	1.3
	e PP	23:54:45.44		BZ		
PTO	e P	23:51:40.39		SZ		
PGAV	e P	23:51:41.11		BZ	0.671	2.2
	e PP	23:51:46.89		BZ		
	e S	24:01:46.96		LN		
	e LQ	24:13:29.46		LN		
	e LR	24:15:57.36		LZ	104.0	20
PSES	e P	23:51:42.72		BZ	2.007	1.6
	e PP	23:54:44.36		BZ		
PSBE	e P	23:51:42.23		BZ	0.840	1.7
	e PP	23:54:58.28		BZ		
PCAS	e P	23:51:43.29		BZ	1.893	1.4
	e PP	23:54:44.18		BZ		
COI	e P	23:51:43.08		BZ	1.104	1.7
	e PP	23:54:32.74		BZ		
POLO	e P	23:51:43.19		BZ	0.287	1.3
	e PP	23:54:34.06		BZ		
PVIS	e P	23:51:43.58		BZ		
	e PP	23:54:40.66		BZ		
PVRL	e P	23:51:43.70		SZ	0.510	1.4
	e PP	23:54:48.53		SZ		
PTEO	e P	23:51:43.87		SZ	1.334	1.4
PFVI	e P	23:51:44.49		BZ	1.344	1.5
	e PP	23:54:46.15		BZ		
PNCL	e P	23:51:43.23		BZ	0.368	1.2
	e PP	23:54:47.00		BZ		
PMTG	e P	23:51:44.44		BZ	0.900	1.3
MORF	e P	23:51:45.16		BZ	0.492	1.6
MTE	e P	23:51:46.34		BZ	0.731	1.3
	e PP	23:54:47.76		BZ		
	e S	24:01:52.84		LN		
	e LQ	24:13:22.76		LN		
	e LR	24:16:20.77		LZ	99.68	24
MESJ	e P	23:51:46.45		BZ	0.638	1.6
	e PP	23:54:49.92		BZ		
EVO	e P	23:51:45.94		BZ	0.602	1.4
	e PP	23:54:48.33		BZ		
PCBR	e P	23:51:47.03		SZ	1.006	1.3
MVO	e P	23:51:46.55		BZ	0.808	1.4
	e PP	23:54:49.90		BZ		
	e S	24:01:56.96		LN		
	e LQ	24:12:39.61		LN		
	e LR	24:16:44.17		LZ	86.18	20
PCVE	e P	23:51:47.32		BZ	0.623	1.5
	e PP	23:54:51.22		BZ		
PBRG	e P	23:51:46.23		BZ	0.630	1.7
	e PP	23:54:48.58		BZ		
PBEJ	e P	23:51:47.27		SZ	0.617	1.4
	e PP	23:54:53.42		SZ		
PESTR	e P	23:51:47.89		BZ	0.605	1.3
	e PP	23:54:52.10		BZ		
PMRV	e P	23:51:47.46		BZ	0.877	1.6
	e PP	23:54:49.02		BZ		
	e S	24:01:54.77		LN		
	e LR	24:16:32.47		LZ	180.0	22
PBDV	e P	23:51:47.64		BZ	0.937	1.4
	e PP	23:54:53.42		BZ		
PVAQ	e P	23:51:48.77		BZ	0.074	1.4
	e S	24:02:09.73		LE		
PBAR	e P	23:51:49.16		BZ	0.718	1.3
	e PP	23:54:56.51		BZ		

**17-Fev Ho 00:36:52.2 Distante (NEIC) MW 5.8**  
**Lat 16.158°N Lon 97.882°W Prof 4**  
**Região: Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	00:48:56.94		BZ	0.515	1.7
PSBE	e P	00:48:57.97		BZ	0.159	1.6
PCAS	e P	00:48:58.58		BZ	0.225	1.4
POLO	e P	00:49:00.42		BZ		
PVIS	e P	00:48:59.52		BZ		
PVRL	e P	00:49:00.51		SZ	0.067	1.8
PNCL	e P	00:49:00.65		BZ		
PMTG	e P	00:48:59.82		BZ	0.074	1.8

MORF	e P	00:49:01.49	BZ	0.191	1.6	MTE	e P	04:06:50.15	BZ	0.035	1.5
MTE	e P	00:49:01.69	BZ	0.177	1.8	MESJ	e P	04:06:51.11	BZ	0.049	1.4
MESJ	e P	00:49:02.47	BZ			EVO	e P	04:06:50.51	BZ	0.024	1.3
EVO	e P	00:49:01.78	BZ	0.047	2.2	PCBR	e P	04:06:49.63	SZ	0.019	1.1
PCBR	e P	00:49:02.49	SZ	0.058	1.6	MVO	e P	04:06:51.14	BZ	0.045	1.8
MVO	e P	00:49:03.08	BZ			PBEJ	e P	04:06:52.37	SZ	0.022	1.2
PCVE	e P	00:49:03.21	BZ			PBRG	e P	04:06:52.17	BZ		
PBEJ	e P	00:49:03.42	SZ	0.028	2.0	PESTR	e P	04:06:52.37	BZ	0.037	1.4
PBRG	e P	00:49:03.32	BZ	0.053	1.7	PMRV	e P	04:06:51.86	BZ	0.032	1.7
PESTR	e P	00:49:03.11	BZ	0.455	1.6	PBAR	e P	04:06:53.19	BZ	0.003	0.7
PMRV	e P	00:49:03.24	BZ	0.483	1.4						
PBDV	e P	00:49:04.46	BZ	0.263	1.7						
PVAQ	e P	00:49:05.72	BZ								
PBAR	e P	00:49:06.52	BZ	0.037	1.9						

**17-Fev Ho 01:42:00.7 ML 1.7**  
**Lat 39.057°N Lon 09.008°W Prof 10**  
**Região: NE Alenquer Rms 0.3**  
**AxMax 3.2 AxMin 1.6 Ang 104 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e Pg	c 01:42:05.16		HZ	0.116	0.2
	e Sg	01:42:09.15		HN		
PSBE	e Pg	01:42:09.96		HZ	0.019	0.3
	e Sg	01:42:16.52		HE		
PMTG	e Pg	01:42:12.07		HZ	0.023	0.3
	e Sg	01:42:20.61		HN		
PSES	e Pg	01:42:12.05		HZ	0.044	0.1
	e Sg	01:42:20.71		HE		
EVO	e P	01:42:17.33		HZ	0.012	0.3
	e S	01:42:30.48		HE		
PNCL	e P	01:42:18.50		HZ	0.008	0.3
	e S	01:42:31.45		HN		
PCAS	e P	01:42:19.62		HZ		
	e S	01:42:34.25		HN		
PESTR	e P	01:42:20.92		HZ	0.009	0.5
	e S	01:42:35.66		HN		
PMRV	e P	01:42:23.39		HZ	0.012	0.3
	e S	01:42:40.66		HN		
MESJ	e P	01:42:24.29		HZ	0.008	0.3
	e S	01:42:42.13		HN		
PBEJ	e S	01:42:41.95		EE	0.002	0.3
PCBR	e P	01:42:25.25		EZ	0.003	0.2
	e S	01:42:43.65		EE		
PTEO	e S	01:42:45.87		EN	0.013	0.7
PCVE	e S	01:42:47.58		HE	0.004	0.3
MTE	e Pn	01:42:31.46		HZ		
MORF	e Sn	01:42:51.55		HE		
PBAR	e Pn	01:42:29.47		HZ	0.003	0.4
	e Sg	01:42:56.43		HN		
PVIS	e Pg	01:42:34.49		HZ	0.003	0.3
	e Sg	01:42:59.88		HE		
PVAQ	e Pg	01:42:36.36		HN		
	e Sg	01:43:00.08		HE		
PBDV	e Sg	01:43:02.47		HE	0.004	0.9
MVO	e Pn	01:42:40.19		HZ		

**17-Fev Ho 02:06:31.1 ML 1.8**  
**Lat 35.507°N Lon 03.751°W Prof 6**  
**Região: Alboran Rms 0.4**  
**AxMax 4.1 AxMin 3.1 Ang 107 ErrZ 7**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	02:07:27.52		HN		
	e S	02:08:08.79		HE		
PBAR	e P	02:07:28.10		HZ	0.001	0.4
	e S	02:08:11.25		HN		
MESJ	e P	02:07:35.74		HZ		
	e S	02:08:21.82		HE		

**17-Fev Ho 03:54:45.8 Distante (NEIC) MB 5.0**  
**Lat 16.380°N Lon 97.500°W Prof 30**  
**Região: Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCAS	e P	04:06:46.11		BZ	0.060	1.5
POLO	e P	04:06:48.53		BZ	0.019	2.1
PVIS	e P	04:06:48.19		BZ		
PNCL	e P	04:06:49.36		BZ	0.037	1.2
PMTG	e P	04:06:49.00		BZ	0.027	1.1
MORF	e P	04:06:51.56		BZ	0.021	1.4

**17-Fev Ho 14:31:21.0 Distante (IPMA) ML 3.9**  
**Lat 50.850°N Lon 04.160°W Prof 15**  
**Região: United Kingdom**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	14:33:31.27		BZ		
	e S	14:35:14.18		BE		
PGAV	e P	14:33:32.67		BZ		
	e S	14:35:16.71		BE		
POLO	e P	14:33:40.61		BZ		
	e S	14:35:29.55		BN		
MVO	e P	14:33:40.54		BZ		
	e S	14:35:31.67		BE		
PVRL	e P	14:33:39.78		SZ		
	e S	14:35:31.73		SE		
PVIS	e P	14:33:47.73		BZ		
	e S	14:35:44.54		BN		
MTE	e P	14:32:51.21		BZ		
	e S	14:35:51.62		BN		
PCAS	e P	14:33:58.22		BZ		
	e S	14:36:04.89		BE		
PCBR	e P	14:33:59.00		SZ		
	e S	14:36:04.31		SN		
PMRV	e P	14:34:04.11		BZ		
	e S	14:36:13.92		BE		
PMTG	e P	14:34:10.97		BZ		
	e S	14:36:25.59		BN		
PESTR	e P	14:34:14.39		BZ		
	e S	14:36:32.20		BN		
PMAFR	e P	14:34:15.77		BZ		
	e S	14:36:33.88		BN		
EVO	e P	14:34:20.32		BZ		
	e S	14:36:36.55		BE		
PBAR	e P	14:34:20.01		BZ		
	e S	14:36:41.50		BE		
PNCL	e P	14:34:27.05		BZ		
	e S	14:36:50.03		BN		
MESJ	e P	14:34:26.87		BZ		
	e S	14:36:56.30		BE		
PCVE	e P	14:34:30.33		BZ		
	e S	14:37:00.30		BE		
PVAQ	e P	14:34:32.72		BZ		
	e S	14:37:02.18		BE		
PBDV	e S	14:37:09.75		BE		
MORF	e S	14:37:13.37		BN		

**17-Fev Ho 21:30:41.5 Distante (NEIC) MW 5.1**  
**Lat 16.500°N Lon 97.873°W Prof 4**  
**Região: Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAR	e P	21:42:18.16		BZ	0.100	2.1
PGAV	e P	21:42:45.75		BZ	0.068	2.0
PCAS	e P	21:42:47.33		BZ	0.081	1.2
POLO	e P	21:42:48.46		BZ	0.018	1.8
PVRL	e P	21:42:48.76		SZ	0.048	1.6
PTEO	e P	21:42:49.29		SZ	0.088	1.6
PFVI	e P	21:42:49.59		BZ		
PMTG	e P	21:42:49.27		BZ	0.045	1.6
MORF	e P	21:42:50.29		BZ		
MTE	e P	21:42:50.23		BZ		
MESJ	e P	21:42:50.75		BZ	0.037	1.6
EVO	e P	21:42:50.93		BZ		
PCBR	e P	21:42:51.80		SZ	0.042	1.2
MVO	e P	21:42:51.38		BZ	0.037	1.7
PCVE	e P	21:42:52.49		BZ		
PBEJ	e P	21:42:52.32		SZ	0.033	1.6
PESTR	e P	21:42:51.97		BZ		
PMRV	e P	21:42:52.14		BZ	0.058	1.7

PBDV e P 21:42:53.36 BZ 0.053 1.5  
PBAR e P 21:42:55.27 BZ 0.033 1.4

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e S	00:41:25.35		HE		
PBAR	e S	00:41:26.95		HE	0.001	0.8
PBDV	e S	00:41:27.52		HN		
PCVE	e S	00:41:32.56		HE		
EVO	e S	00:41:45.80		HN		
PESTR	e S	00:41:46.28		HE		

**18-Fev Ho 04:38:38.9 ML 2.4**  
**Lat 35.463°N Lon 03.786°W Prof 21**  
**Região: NE Al Hoceima (MARR) Rms 0.4**  
**AxMax 5.7 AxMin 3.4 Ang 161 ErrZ 8**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pn	04:39:35.18		HE		
	e Sn	04:40:15.48		HN		
PBAR	e Pn	04:39:34.81		HZ	0.005	2.0
	e Sn	04:40:16.07		HE		
PBDV	e Pn	04:39:36.05		HZ	0.004	0.7
	e Sn	04:40:17.49		HE		
PCVE	e Pn	04:39:39.92		HZ	0.005	0.8
	e Sn	04:40:24.13		HE		
PBEJ	e Sn	04:40:26.72		EN	0.003	0.5
MESJ	e Sn	04:40:29.95		HE	0.004	0.3
PFVI	e Sn	04:40:34.53		HE		
PTEO	e Pn	04:39:46.85		EZ		
	e Sn	04:40:35.26		EN		
EVO	e Pn	04:39:46.34		HZ	0.005	0.5
	e Sn	04:40:35.85		HN		
PESTR	e Pn	04:39:50.01		HZ		
	e Sn	04:40:35.63		HN		
PNCL	e Pn	04:39:47.81		HZ	0.003	0.6
	e Sn	04:40:37.56		HE		
PMRV	e Pn	04:39:50.96		HZ		
	e Sn	04:40:44.73		HN		
PMTG	e Pn	04:39:53.35		HZ	0.004	0.4
	e Sn	04:40:48.08		HE		
PCBR	e Pn	04:39:59.12		EZ		
	e Sn	04:40:52.36		EE		
PMAFR	e Sn	04:41:01.62		HE		
MTE	e Sn	04:41:05.07		HE		
PVIS	e Sn	04:41:15.59		HE		
MVO	e Pn	04:40:10.39		HZ		
	e Sn	04:41:17.57		HE		
PVRL	e Pn	04:40:14.59		SZ	0.003	0.5
	e Sn	04:41:24.42		SN		
POLO	e Sn	04:41:27.55		HE		
PBRG	e Pn	04:40:18.38		HZ		
	e Sn	04:41:29.23		HE		

**18-Fev Ho 04:52:24.1 ML 1.9**  
**Lat 37.030°N Lon 04.076°W Prof 9**  
**Região: NE Malaga (ESP) Rms 0.3**  
**AxMax 1.8 AxMin 1.6 Ang 176 ErrZ 2**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:53:06.32		HZ	0.003	0.4
	e Pg	04:53:12.38		HZ		
	e Sn	04:53:37.12		HN		
	e Sg	04:53:48.57		HN		
PVAQ	e Pn	04:53:10.70		HE		
	e Sn	04:53:46.08		HE		
PESTR	e Sn	04:53:54.49		HE	0.003	0.9
	e Sg	04:54:10.84		HN		
PMRV	e Sn	04:53:58.35		HE	0.003	0.6
	e Sg	04:54:18.62		HE		
PTEO	e Sn	04:54:05.80		EE		
PMTG	e Pn	04:53:22.99		HZ		
	e Sn	04:54:06.66		HE		
PCBR	e Pn	04:53:24.41		EZ		
	e Sg	04:54:29.61		EN		
MTE	e Pn	04:53:30.23		HZ		
MVO	e Pn	04:53:35.62		HZ		

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Sn	05:05:59.73		HE		
PBAR	e Sn	05:06:01.90		HE		
PBDV	e Sn	05:06:03.53		HN		

**18-Fev Ho 04:47:21.8 Distanto (NEIC) MW 5.0**  
**Lat 04.905°S Lon 130.486°E Prof 115**  
**Região: Banda Sea**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e PKPdf	05:06:14.34		BZ		
POLO	e PKPdf	05:06:14.93		BZ		
PVRL	e PKPdf	05:06:14.90		SZ		
MTE	e PKPdf	05:06:15.58		BZ		
PCBR	e PKPdf	05:06:15.85		SZ		
PMRV	e PKPdf	05:06:16.27		BZ		
COI	e PKPdf	05:06:16.02		BZ		
PBAR	e PKPdf	05:06:17.28		BZ		
PMTG	e PKPdf	05:06:16.05		BZ		
EVO	e PKPdf	05:06:17.81		BZ		
	e SKPbc	05:09:26.91		BZ		
PBEJ	e SKPbc	05:09:27.72		SZ		
PCVE	e PKPdf	05:06:18.92		BZ		
	e SKPbc	05:09:28.61		BZ		
MESJ	e PKPdf	05:06:19.25		BZ		
	e SKPbc	05:09:29.03		BZ		
PNCL	e PKPdf	05:06:19.15		BZ		
	e SKPbc	05:09:29.34		BZ		
PBDV	e SKPbc	05:09:29.76		BZ		
MORF	e SKPbc	05:09:31.42		BZ		
PFVI	e PKPdf	05:06:20.52		BZ		
	e SKPbc	05:09:32.27		BZ		

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sn	06:00:59.60		HE	0.001	0.9
	e Sg	06:01:10.14		HE		
PESTR	e Sn	06:01:12.98		HE		
PMTG	e Sn	06:01:25.33		HE		
PMRV	e Sg	06:01:31.73		HN	0.002	0.6
EVO	e Sg	06:01:41.19		HE		

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	08:53:56.49		HZ	0.002	0.6
	e Sn	08:54:38.57		HN		
MESJ	e Pn	08:54:04.41		HZ	0.003	0.5
	e Sn	08:54:51.74		HN		
PVAQ	e Sn	08:54:36.44		HE		
EVO	e Sn	08:54:57.19		HN		
PNCL	e Sn	08:54:59.61		HN		

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pn	10:39:02.27		HZ	0.004	0.6
	e Sg	10:39:38.61		HN		
POLO	e Sg	10:40:00.79		HN		
MVO	e Sg	10:40:11.05		HE	0.002	0.4

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pg	10:39:02.16		HZ	0.003	0.7
	e Sg	10:39:08.03		HN		
MVO	e P	10:39:11.38		HZ		
PBRG	e S	10:39:17.10		HE	0.001	0.3

**18-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e S	16:04:17.41		HE	0.001	0.6
PVAQ	e S	16:04:22.26		HN		
PCVE	e S	16:04:29.80		HE		
PMRV	e S	16:04:41.96		HE		

**18-Fev Ho 20:41:36.4 ML 2.4**  
**Lat 35.370°N Lon 03.587°W Prof 29\***  
**Região: NE Al Hoceima (MARR) Rms 0.3**  
**AxMax 4.2 AxMin 2.6 Ang 20 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	20:42:33.70		HE		
	e S	20:43:16.44		HE		
PBAR	e P	20:42:34.12		HZ	0.005	0.4
	e S	20:43:17.47		HE		
PBDV	e P	20:42:34.82		HZ		
	e S	20:43:17.84		HE		
PCVE	e P	20:42:38.64		HZ	0.003	0.4
	e S	20:43:25.06		HN		
MESJ	e P	20:42:41.70		HZ	0.005	0.5
	e S	20:43:30.12		HN		
MORF	e P	20:42:43.65		HZ	0.003	0.2
	e S	20:43:32.68		HE		
PFVI	e P	20:42:44.51		HZ	0.006	0.6
	e S	20:43:33.29		HE		
PTEO	e S	20:43:36.10		EN		
PESTR	e P	20:42:45.65		HZ	0.003	0.4
	e S	20:43:36.73		HE		
EVO	e P	20:42:45.45		HZ	0.004	0.2
	e S	20:43:36.83		HN		
PNCL	e P	20:42:46.23		HZ	0.003	0.2
	e S	20:43:38.74		HE		
PMRV	e P	20:42:50.47		HZ	0.004	0.5
	e S	20:43:44.39		HE		
PMTG	e P	20:42:52.68		HZ	0.003	0.5
	e S	20:43:48.62		HE		
PCBR	e P	20:42:55.30		EZ		
MVO	e P	20:43:09.13		HZ	0.003	0.6
	e S	20:44:17.69		HN		
PVRL	e P	20:43:12.24		SZ		
	e S	20:44:25.01		SE		
PBRG	e P	20:43:16.30		HZ		

**18-Fev Ho 20:46:03.7 ML 1.6**  
**Lat 36.786°N Lon 10.634°W Prof 32\***  
**Região: Gorringe Rms 0.3**  
**AxMax 6.9 AxMin 4.6 Ang 83 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	c 20:46:26.48		HZ	0.007	0.7
	e S	20:46:44.01		HE		
MORF	e P	20:46:29.21		HZ	0.004	0.3
	e S	20:46:48.77		HN		
PTEO	e S	20:46:49.77		EN	0.006	0.7
PSSES	e S	20:46:57.24		HN		
PNCL	e P	20:46:35.76		HZ	0.003	0.6
	e S	20:46:59.55		HN		
MESJ	e P	20:46:36.62		HZ	0.002	0.5
	e S	20:47:01.20		HE		
PBDV	e P	20:46:36.85		HZ	0.002	0.7
	e S	20:47:01.22		HE		
PCVE	e P	20:46:37.03		HZ	0.002	0.8
	e S	20:47:02.54		HN		
PVAQ	e P	20:46:39.95		HN		
	e S	20:47:06.72		HE		
PMAFR	e S	20:47:06.36		HE		
PBEJ	e S	20:47:08.91		EN		
PMTG	e S	20:47:19.92		HN	0.002	0.8
PSBE	e S	20:47:22.62		HE		
PBAR	e P	20:46:50.33		HZ	0.001	0.5
	e S	20:47:24.82		HN		
PESTR	e S	20:47:24.02		HE	0.001	0.7
PMRV	e S	20:47:35.78		HN		

**18-Fev Ho 21:55:22.5 ML 1.3**  
**Lat 36.560°N Lon 07.625°W Prof 18**  
**Região: Golfo de Cádiz Rms 0.3**  
**AxMax 5.1 AxMin 3.3 Ang 35 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	21:55:35.95		HZ	0.004	0.2
	e S	21:55:45.94		HN		
PVAQ	e P	21:55:37.73		HE		
	e S	21:55:49.16		HN		
PCVE	e P	21:55:41.67		HZ	0.004	0.2
	e S	21:55:56.11		HN		

PFVI	e P	21:55:41.64		HZ		
	e S	21:55:54.62		HN		
PTEO	e S	21:56:00.68		EE		
MESJ	e P	21:55:45.44		HZ	0.002	0.4
	e S	21:56:02.20		HE		
PBEJ	e S	21:56:04.94		EN	0.003	0.5
PBAR	e P	21:55:49.54		HZ	0.001	0.2
	e S	21:56:10.41		HE		
PNCL	e P	21:55:49.64		HZ	0.002	0.6
	e S	21:56:10.40		HN		
EVO	e S	21:56:18.41		HE	0.003	0.1
PESTR	e S	21:56:25.07		HE		
PMTG	e P	21:56:01.63		HZ	0.002	0.5
	e S	21:56:31.19		HE		
PMRV	e S	21:56:39.20		HE	0.002	0.6

**18-Fev Ho 23:38:17.4 ML 2.6**  
**Lat 38.400°N Lon 01.274°W Prof 1\***  
**Região: NW Murcia (ESP) Rms 0.4**  
**AxMax 2.2 AxMin 1.5 Ang 111 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	23:39:25.76		HZ	0.008	0.6
	e Sg	23:40:41.78		HN		
PMRV	e Pn	23:39:30.50		HZ	0.008	0.7
	e Sg	23:40:52.86		HN		
PESTR	e Pn	23:39:30.81		HZ	0.006	0.7
	e Sg	23:40:56.55		HE		
PCBR	e Sg	23:40:57.94		EN	0.007	0.6
PVAQ	e Pn	23:39:33.62		HN		
	e Sg	23:41:01.67		HE		
PBEJ	e Sg	23:41:03.38		EN	0.004	0.5
MVO	e Pn	23:39:34.67		HZ	0.010	0.5
	e Sg	23:41:03.95		HE		
MTE	e Sg	23:41:04.42		HN	0.010	0.7
PBDV	e Pn	23:39:36.48		HZ	0.005	0.5
	e Sg	23:41:10.08		HN		
PBRG	e Pn	23:39:37.12		HZ	0.012	0.6
	e Sg	23:41:07.53		HN		
PCVE	e Sg	23:41:11.22		HE	0.006	0.6
PMTG	e Sg	23:41:08.31		HE	0.008	0.6
MESJ	e Sg	23:41:14.14		HE	0.005	0.6
PVIS	e Pn	23:39:39.70		HZ	0.005	0.7
	e Sg	23:41:13.73		HE		
PNCL	e Sg	23:41:16.60		HN	0.004	0.7
PVRL	e Sg	23:41:22.17		SN	0.004	0.3
POLO	e Sg	23:41:23.28		HN	0.003	0.6
PCAS	e Pn	23:39:43.14		HZ	0.007	0.6
	e Sg	23:41:22.89		HN		
PSBE	e Sg	23:41:25.31		HE	0.008	0.8
PGAV	e Sg	23:41:40.16		HE	0.008	0.7

**18-Fev Ho 23:42:57.2 ML 1.0**  
**Lat 42.230°N Lon 07.922°W Prof 9\***  
**Região: SW Ourense (ESP) Rms 0.2**  
**AxMax 3.3 AxMin 2.2 Ang 119 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pg	c 23:43:04.04		HZ	0.006	0.2
	e Sg	23:43:09.64		HN		
PCAB	e Pg	23:43:06.86		HZ	0.020	0.2
	e Sg	23:43:14.21		HN		
POLO	e P	23:43:12.99		HZ	0.001	0.4
	e S	23:43:24.32		HN		
PVRL	e S	23:43:27.41		SE	0.003	0.3
PBRG	e S	23:43:27.91		HE	0.002	0.1
MVO	e S	23:43:36.75		HE	0.002	0.6
PVIS	e P	23:43:22.65		HZ		
	e S	23:43:43.63		HN		

**19-Fev Ho 01:50:36.7 Distante (NEIC) MB 4.8**  
**Lat 04.099°N Lon 76.607°W Prof 103**  
**Região: Colombia**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e P	02:01:38.30		BZ	0.026	1.4
PNCL	e P	02:01:39.38		BZ	0.021	1.9
MESJ	e P	02:01:39.37		BZ	0.019	2.1
PCVE	e P	02:01:41.11		BZ	0.014	2.0
PBDV	e P	02:01:40.91		BZ	0.019	1.5
PCAS	e P	02:01:41.70		BZ	0.033	1.5

COI	e P	02:01:42.15	BZ	0.029	1.6	PTEO	e P	06:04:51.91	EZ	0.005	0.9
PESTR	e P	02:01:43.89	BZ	0.018	1.6		e S	06:05:15.79	EN		
PVIS	e P	02:01:44.59	BZ			PSES	e P	06:04:54.72	HZ	0.019	0.7
PCBR	e P	02:01:46.21	SZ	0.014	1.7		e S	06:05:18.82	HE		
PBAR	e P	02:01:43.56	BZ	0.012	1.8	PNCL	e P	06:04:57.30	HZ	0.002	0.3
POLO	e P	02:01:45.30	BZ	0.013	1.4		e S	06:05:24.88	HN		
PVRL	e P	02:01:46.12	SZ	0.011	1.9	MESJ	e P	06:04:59.16	HZ	0.002	0.8
MVO	e P	02:01:49.15	BZ	0.019	1.2		e S	06:05:26.64	HE		
PBRG	e P	02:01:51.00	BZ	0.018	1.8	PMAFR	e S	06:05:28.09	HE	0.008	0.9

**19-Fev Ho 04:37:13.0 ML 2.0**  
**Lat 37.760°N Lon 03.120°W Prof 17**  
**Região: NW Almeria (ESP) Rms 0.4**  
**AxMax 1.6 AxMin 1.4 Ang 119 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:38:00.07		HZ	0.002	0.4
	e Pg	04:38:09.18		HZ		
	e Sn	04:38:36.30		HN		
	e Sg	04:38:49.01		HE		
PVAQ	e Pn	04:38:08.07		HN		
	e Sn	04:38:48.53		HE		
	e Sg	04:39:06.00		HE		
PESTR	e Pg	04:38:19.90		HZ	0.003	0.4
	e Sn	04:38:50.28		HN		
	e Sg	04:39:08.92		HN		
PMRV	e Pn	04:38:08.38		HZ	0.004	0.4
	e Pg	04:38:22.89		HZ		
	e Sn	04:38:51.38		HE		
	e Sg	04:39:07.96		HN		
PMTG	e Sn	04:39:02.33		HN	0.003	0.6
	e Sg	04:39:26.42		HE		
PNCL	e Sg	04:39:26.29		HE		

	e S	06:05:29.16		HE		
PCVE	e P	06:04:59.11		HZ	0.002	0.7
	e S	06:05:28.57		HE		
PVAQ	e P	06:05:02.10		HN		
	e S	06:05:33.17		HE		
PBEJ	e S	06:05:35.03		EN		
EVO	e P	06:05:05.48		HZ	0.004	0.4
	e S	06:05:38.09		HN		
PMTG	e P	06:05:08.01		HZ	0.002	0.8
	e S	06:05:43.49		HN		
PSBE	e S	06:05:46.15		HN		
PESTR	e S	06:05:49.77		HN	0.002	0.8
PBAR	e P	06:05:12.79		HZ	0.001	0.4
	e S	06:05:50.53		HE		
PCAS	e S	06:05:58.83		HN		
PMRV	e P	06:05:17.71		HZ	0.001	0.9
	e S	06:05:59.76		HE		
PVIS	e S	06:06:19.00		HN		

**19-Fev Ho 06:40:19.0 Distante (IPMA)**  
**Lat 66.400°N Lon 17.900°W Prof 10**  
**Região: Iceland Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	06:45:44.01		BZ	0.045	1.3
MVO	e P	06:45:53.86		BZ	0.023	1.4
PVIS	e P	06:45:56.26		BZ		
MTE	e P	06:45:59.75		BZ	0.026	1.4
PESTR	e P	06:46:13.08		BZ	0.021	2.0

**19-Fev Ho 06:57:01.8 Distante (NEIC) MW 5.9**  
**Lat 16.499°N Lon 97.579°W Prof 40**  
**Região: Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e S	07:18:06.43		LN		
	e LR	07:31:19.18		LZ	4.170	22
PMAR	e P	07:08:32.32		BZ	0.132	1.5
PMAFR	e P	07:08:58.30		BZ	0.115	1.4
PTO	e P	07:08:59.19		SZ	0.098	1.9
PGAV	e P	07:08:59.26		BZ	0.122	1.6
	e S	07:19:03.23		LN		
	e LR	07:33:29.85		LZ	2.352	20
PSES	e P	07:09:00.19		BZ	0.254	1.1
PSBE	e P	07:09:00.11		BZ	0.116	1.1
PCAS	e P	07:09:00.76		BZ	0.280	1.1
COI	e P	07:09:00.89		BZ	0.154	1.2
POLO	e P	07:09:01.94		BZ	0.050	1.0
PVIS	e P	07:09:01.70		BZ		
PVRL	e P	07:09:02.41		SZ	0.088	1.9
PTEO	e P	07:09:02.40		SZ	0.130	1.3
PFVI	e P	07:09:02.51		BZ	0.158	1.8
PNCL	e P	07:09:02.02		BZ	0.078	1.0
PMTG	e P	07:09:01.86		BZ	0.161	1.0
MORF	e P	07:09:02.83		BZ	0.069	1.0
MTE	e P	07:09:02.99		BZ	0.170	0.9
	e S	07:19:24.39		LN		
	e LR	07:34:27.82		LZ	2.897	18
MESJ	e P	07:09:04.33		BZ	0.068	1.6
EVO	e P	07:09:04.29		BZ	0.092	1.1
PCBR	e P	07:09:04.61		SZ	0.140	1.0
MVO	e P	07:09:04.13		BZ	0.122	1.1
	e S	07:19:17.32		LE		
	e LR	07:33:56.87		LZ	2.157	18
PCVE	e P	07:09:04.61		BZ	0.076	1.1
PBEJ	e P	07:09:05.42		SZ	0.088	1.0
PBRG	e P	07:09:05.43		BZ	0.107	1.8
PESTR	e P	07:09:05.59		BZ	0.086	1.0
PMRV	e P	07:09:05.75		BZ	0.125	0.9
	e S	07:19:23.14		LE		

**19-Fev Ho 05:34:18.0 Distante (IPMA)**  
**Lat 66.680°N Lon 18.030°W Prof 10**  
**Região: Iceland Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	05:39:42.17		BZ	0.043	1.4
PBRG	e P	05:39:46.70		BZ	0.027	1.5
POLO	e P	05:39:49.35		BZ	0.018	1.3
PVRL	e P	05:39:49.71		SZ	0.028	1.4
MVO	e P	05:39:50.11		BZ	0.029	1.5
PVIS	e P	05:39:57.87		BZ		
MTE	e P	05:39:58.56		BZ	0.038	1.9
PCBR	e P	05:40:00.35		SZ	0.019	1.4
PMRV	e P	05:40:07.37		BZ	0.020	2.0
PESTR	e P	05:40:12.30		BZ	0.010	1.3
PBAR	e P	05:40:17.66		BZ	0.022	2.0

**19-Fev Ho 05:38:53.0 Distante (IPMA)**  
**Lat 66.640°N Lon 17.830°W Prof 10**  
**Região: Iceland Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	05:44:17.74		BZ	0.057	1.4
PBRG	e P	05:44:22.74		BZ	0.037	1.3
POLO	e P	05:44:23.96		BZ	0.018	1.1
PVRL	e P	05:44:24.70		SZ	0.040	1.2
MVO	e P	05:44:26.38		BZ	0.039	1.2
PVIS	e P	05:44:31.66		BZ		
MTE	e P	05:44:35.90		BZ	0.033	0.9
COI	e P	05:44:37.50		BZ	0.037	1.6
PCAS	e P	05:44:37.59		BZ	0.042	2.0
PCBR	e P	05:44:42.48		SZ	0.017	1.2
PSBE	e P	05:44:39.27		BZ	0.027	2.6
PMRV	e P	05:44:41.48		BZ	0.026	1.9
PESTR	e P	05:44:45.21		BZ	0.015	1.7
PBEJ	e P	05:44:53.17		SZ	0.021	1.5
PCVE	e P	05:44:56.54		BZ	0.033	1.6

**19-Fev Ho 06:04:20.6 ML 1.8**  
**Lat 36.790°N Lon 11.173°W Prof 34.4**  
**Região: Gorringe Rms 0.4**  
**AxMax 7.9 AxMin 5.2 Ang 100 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	06:04:48.87		HZ	0.004	0.4
	e S	06:05:10.66		HN		
MORF	e P	06:04:51.36		HZ	0.003	0.5
	e S	06:05:15.20		HE		

e LR	07:34:31.18	LZ	3.511	22	PBRG	e P	15:43:06.77	HZ	0.002	0.3
PBDV	e P	07:09:06.61	BZ	0.113	1.3	e S	15:43:54.07	HN		
PVAQ	e S	07:19:17.37	LN							
PBAR	e P	07:09:08.77	BZ	0.101	1.0					

**19-Fev Ho 07:31:11.8 ML 1.0**  
**Lat 36.742°N Lon 08.375°W Prof 5\***  
**Região: SW Albufeira Rms 0.3**  
**AxMax 6.7 AxMin 4.8 Ang 175 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	i Pg	c 07:31:21.47		HZ	0.006	0.3
	e Sg	07:31:28.68		HE		
MORF	e Pg	07:31:22.87		HZ	0.007	0.1
	e Sg	07:31:30.97		HN		
PBDV	e Sg	07:31:33.63		HN	0.002	0.4
PVAQ	e P	07:31:27.25		HN		
	e S	07:31:38.59		HE		
PTEO	e S	07:31:38.93		EE		
PCVE	e P	07:31:28.40		HZ	0.002	0.9
	e S	07:31:41.18		HE		
MESJ	e P	07:31:32.18		HZ	0.002	0.2
	e S	07:31:47.37		HN		
PNCL	e S	07:31:54.97		HN	0.002	0.6
PESTR	e Sg	07:32:22.26		HN		
PMTG	e Sg	07:32:25.89		HE		

**19-Fev Ho 15:42:03.5 ML 2.4**  
**Lat 38.866°N Lon 11.331°W Prof 10\***  
**Região: Abissal do Tejo Rms 0.4**  
**AxMax 4.7 AxMin 2.2 Ang 81 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e P	d 15:42:26.46		HZ	0.067	0.2
	e S	15:42:43.38		HN		
PSES	e P	15:42:29.11		HZ	0.031	0.2
	e S	15:42:47.60		HN		
PNCL	e P	c 15:42:35.65		HZ	0.010	0.1
	e S	15:42:59.61		HE		
PMTG	e P	d 15:42:37.34		HZ	0.010	0.1
	e S	15:43:02.82		HN		
PTEO	e P	15:42:37.44		EZ	0.015	0.5
	e S	15:43:02.44		EN		
PCAS	e P	15:42:38.22		HZ	0.006	0.5
	e S	15:43:04.81		HN		
EVO	e S	15:43:07.25		HN	0.013	0.1
MORF	i P	c 15:42:40.08		HZ	0.019	0.2
	e S	15:43:07.44		HN		
PFVI	e P	15:42:39.78		HZ	0.010	0.7
	e S	15:43:06.64		HN		
MESJ	e P	15:42:40.34		HZ	0.013	0.5
	e S	15:43:07.32		HE		
PBEJ	e S	15:43:12.81		EN	0.008	0.2
PCVE	e P	15:42:43.54		HZ	0.006	0.6
	e S	15:43:13.48		HE		
PESTR	e P	15:42:44.24		HZ	0.005	0.2
	e S	15:43:14.79		HN		
PMRV	e P	15:42:46.73		HZ	0.011	0.2
	e S	15:43:19.58		HN		
PBDV	e P	15:42:47.56		HZ	0.008	1.8
	e S	15:43:19.47		HE		
PCBR	e P	15:42:47.08		EZ	0.004	0.3
	e S	15:43:19.74		EE		
PVAQ	e P	15:42:48.38		HZ		
	e S	15:43:21.49		HN		
PVIS	e S	15:43:21.77		HE	0.012	0.1
MTE	e P	15:42:49.07		HZ	0.019	0.2
	e S	15:43:23.75		HN		
PBAR	e P	15:42:51.79		HZ	0.005	0.4
	e S	15:43:27.03		HN		
PVRL	e P	15:42:54.34		SZ	0.009	0.1
	e S	15:43:32.37		SE		
POLO	e P	15:42:54.51		HZ	0.002	0.2
	e S	15:43:33.15		HN		
PCAB	e P	15:42:56.69		HZ	0.012	0.2
	e S	15:43:35.80		HN		
PGAV	e P	15:42:57.22		HZ	0.005	0.3
	e S	15:43:37.57		HN		
MVO	e P	15:42:58.61		HZ	0.006	0.3
	e S	15:43:40.60		HE		

**19-Fev Ho 19:58:45.5 ML 2.5**  
**Lat 35.517°N Lon 03.836°W Prof 3\***  
**Região: Alboran Rms 0.4**  
**AxMax 5.8 AxMin 4.0 Ang 140 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	19:59:41.43		HE		
	e S	20:00:22.12		HE		
PBAR	e P	19:59:42.50		HZ	0.005	0.4
	e S	20:00:25.42		HN		
PBDV	e P	19:59:42.34		HZ	0.005	0.9
	e S	20:00:25.90		HE		
PCVE	e P	19:59:46.81		HZ	0.006	0.5
	e S	20:00:31.74		HN		
PBEJ	e P	19:59:47.79		EZ		
	e S	20:00:34.38		EN		
MESJ	e P	19:59:49.78		HZ	0.006	0.6
	e S	20:00:37.73		HE		
MORF	e P	19:59:51.50		HZ	0.004	0.2
	e S	20:00:39.73		HN		
PFVI	e P	19:59:53.21		HZ	0.008	0.7
	e S	20:00:40.73		HN		
PTEO	e P	19:59:54.52		EZ		
	e S	20:00:43.28		EE		
PESTR	e P	19:59:55.22		HZ		
	e S	20:00:44.88		HE		
EVO	e P	19:59:53.76		HZ	0.005	0.5
	e S	20:00:43.03		HN		
PNCL	e P	19:59:54.19		HZ	0.004	0.5
	e S	20:00:44.79		HN		
PMRV	e P	19:59:58.29		HZ	0.004	0.4
	e S	20:00:50.61		HE		
PMTG	e P	20:00:00.28		HZ	0.005	0.7
	e S	20:00:54.59		HE		
PCBR	e P	20:00:03.23		EZ	0.003	0.4
	e S	20:00:58.77		EE		
PCAS	e P	20:00:14.07		HZ		
PVIS	e P	20:00:16.49		HZ	0.003	0.3
	e S	20:01:22.29		HN		
MVO	e P	20:00:17.13		HZ	0.004	0.9
	e S	20:01:22.34		HE		
PVRL	e P	20:00:21.52		SZ	0.006	0.4
	e S	20:01:25.73		SN		
POLO	e P	20:00:23.30		HZ		
	e S	20:01:33.12		HN		
PBRG	e P	20:00:23.61		HZ		

**19-Fev Ho 21:50:45.1 ML 0.8**  
**Lat 37.326°N Lon 08.556°W Prof 13\***  
**Região: NE Monchique Rms 0.2**  
**AxMax 1.9 AxMin 1.5 Ang 121 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e Pg	21:50:47.66		HZ	0.039	0.1
	e Sg	21:50:49.91		HN		
PTEO	e Pg	21:50:50.18		EZ	0.005	0.7
	e Sg	21:50:53.76		EE		
PFVI	e Pg	21:50:50.69		HZ	0.005	0.2
	e Sg	21:50:54.75		HE		
PBDV	e Pg	21:50:54.48		HZ	0.002	0.5
	e Sg	21:51:01.39		HN		
PCVE	e Pg	21:50:54.61		HZ	0.002	0.8
	e Sg	21:51:01.25		HE		
MESJ	e Pg	21:50:55.93		HZ	0.001	0.5
	e Sg	21:51:03.66		HE		
PVAQ	e Pg	21:50:57.46		HE		
	e Sg	21:51:06.33		HE		
PNCL	e P	21:50:59.46		HZ	0.002	0.9
	e S	21:51:09.49		HN		
EVO	e S	21:51:25.06		HN		
PBAR	e Sg	21:51:30.88		HE		
PMTG	e Sg	21:51:39.99		HN		

**19-Fev Ho 22:33:24.4 ML 2.0**  
**Lat 36.797°N Lon 11.185°W Prof 23\***  
**Região: Gorringe Rms 0.4**  
**AxMax 5.0 AxMin 3.3 Ang 79 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	c 22:33:53.61		HZ	0.009	0.3
	e S	22:34:15.24		HN		
MORF	e P	22:33:56.23		HZ	0.007	0.2
	e S	22:34:19.79		HE		
PTEO	e P	22:33:56.87		EZ	0.007	0.9
	e S	22:34:20.32		EE		
PSSE	e P	22:33:59.47		HZ	0.020	1.0
	e S	22:34:26.05		HE		
PNCL	e P	c 22:34:02.11		HZ	0.004	0.6
	e S	22:34:29.81		HE		
MESJ	e P	22:34:03.16		HZ	0.002	0.7
	e S	22:34:32.77		HN		
PMAFR	e P	22:34:03.46		HZ	0.013	0.8
	e S	22:34:33.38		HN		
PBDV	e P	22:34:04.07		HZ	0.003	0.9
	e S	22:34:33.66		HE		
PCVE	e P	22:34:03.92		HZ	0.003	0.5
	e S	22:34:33.56		HE		
PVAQ	e P	22:34:06.93		HE		
	e S	22:34:38.00		HE		
PBEJ	e S	22:34:39.86		EE		
EVO	e P	22:34:09.48		HZ	0.004	0.3
	e S	22:34:43.07		HE		
PMTG	e P	22:34:11.99		HZ	0.004	0.7
	e S	22:34:47.79		HE		
PSBE	e P	22:34:12.76		HZ		
	e S	22:34:50.51		HN		
PESTR	e P	22:34:16.04		HZ		
	e S	22:34:55.24		HE		
PBAR	e P	22:34:17.06		HZ	0.002	0.6
	e S	22:34:55.40		HE		
PCAS	e P	22:34:20.56		HZ	0.006	0.5
	e S	22:35:03.52		HN		
PMRV	e P	22:34:21.67		HZ	0.002	0.6
	e S	22:35:05.06		HN		
PCBR	e P	22:34:25.56		EZ		
	e S	22:35:10.87		EN		
MTE	e P	22:34:30.60		HZ		
	e S	22:35:21.65		HN		
PVIS	e P	22:34:31.98		HZ	0.003	0.8
	e S	22:35:22.05		HN		
POLO	e P	22:34:39.80		HZ	0.001	0.5
	e S	22:35:36.24		HN		
PCAB	e S	22:35:42.09		HN		
PGAV	e P	22:34:44.40		HZ		
	e S	22:35:44.40		HN		

**20-Fev Ho 00:17:27.0 ML 1.2**  
**Lat 37.443°N Lon 08.511°W Prof 15**  
**Região: NE Monchique Rms 0.3**  
**AxMax 3.0 AxMin 2.1 Ang 120 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	i Pg	c 00:17:31.20		HZ	0.053	0.1
	e Sg	00:17:34.34		HN		
PTEO	e Pg	00:17:31.55		EZ	0.019	0.3
	e Sg	00:17:34.91		EE		
PFVI	e Pg	c 00:17:34.44		HZ	0.008	0.1
	e Sg	00:17:40.03		HE		
PCVE	e Pg	c 00:17:35.08		HZ	0.005	0.5
	e Sg	00:17:41.15		HN		
MESJ	e Pg	c 00:17:35.87		HZ	0.007	0.3
	e Sg	00:17:41.94		HN		
PBDV	e Pg	00:17:36.32		HZ	0.007	0.6
	e Sg	00:17:43.20		HE		
PVAQ	e Pg	00:17:38.53		HE		
	e Sg	00:17:47.15		HE		
PNCL	e Pg	00:17:39.35		HZ	0.007	0.2
	e Sg	00:17:47.90		HN		
PBEJ	e S	00:17:51.61		EN	0.004	0.4
EVO	e S	00:18:02.85		HE	0.003	0.1
PBAR	e Pg	00:17:52.19		HZ	0.001	0.9
	e Sg	00:18:10.13		HN		
PESTR	e Sg	00:18:15.42		HE		

**20-Fev Ho 00:53:05.0 Distante (IPMA) Prof 10**  
**Lat 00.460°S Lon 19.640°W**  
**Região: Central Mid-Atlantic Ridge**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e P	01:00:30.99		BZ		
PBDV	e P	01:00:31.71		BZ	0.082	2.0
PTEO	e P	01:00:33.22		SZ	0.119	1.6
PVAQ	e P	01:00:35.16		BZ		
PCVE	e P	01:00:35.20		BZ	0.068	2.1
MESJ	e P	01:00:36.51		BZ	0.082	1.6
PNCL	e P	01:00:37.86		BZ	0.040	2.0
PBEJ	e P	01:00:38.63		SZ	0.052	1.5
PBAR	e P	01:00:41.45		BZ	0.036	1.5
EVO	e P	01:00:42.33		BZ	0.092	1.6
PESTR	e P	01:00:46.54		BZ	0.054	1.6
PMTG	e P	01:00:46.76		BZ	0.047	1.7
PMRV	e P	01:00:50.48		BZ	0.062	1.7
	e SS	01:10:04.11		LE		
	e LR	01:13:02.32		LZ	0.821	18
PCAS	e P	01:00:54.13		BZ	0.084	1.9
COI	P	01:00:55.80		HZ		
MTE	e P	01:00:57.76		BZ	0.068	1.7
	e SS	01:10:24.06		LE		
	e LR	01:13:33.55		LZ	0.738	20
PVIS	e P	01:00:59.98		BZ		
PVRL	e P	01:01:03.98		SZ	0.047	1.9
MVO	e P	01:01:04.68		BZ	0.063	1.6
	e SS	01:10:44.20		LE		
	e LR	01:13:39.72		LZ	0.612	18
PGAV	e SS	01:10:57.55		LE		
	e LR	01:13:47.17		LZ	0.584	20
PBRG	e P	01:01:09.87		BZ	0.044	1.9

**20-Fev Ho 01:30:07.6 Distante (NEIC) MB 4.7**  
**Lat 75.999°N Lon 07.197°E Prof 10**  
**Região: Greenland Sea**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	01:36:58.16		BZ	0.031	1.7
POLO	e P	01:37:02.70		BZ	0.022	2.1
PVRL	e P	01:37:03.59		SZ	0.034	1.8
MVO	e P	01:37:04.52		BZ		
PTO	e P	01:37:05.53		SZ		
PVIS	e P	01:37:07.93		BZ		
MTE	e P	01:37:10.76		BZ	0.032	1.8
PCBR	e P	01:37:15.32		SZ		
PMRV	e P	01:37:18.61		BZ		
PESTR	e P	01:37:23.13		BZ		
PBAR	e P	01:37:28.92		BZ	0.033	1.8
PBEJ	e P	01:37:30.79		SZ		
MESJ	e P	01:37:32.66		BZ		
MORF	e P	01:37:37.12		BZ	0.057	2.0
PBDV	e P	01:37:37.62		BZ		

**20-Fev Ho 06:28:46.8 Distante (NEIC) MB 4.8**  
**Lat 15.632°N Lon 94.729°W Prof 51**  
**Região: Near Coast of Oaxaca, Mexico**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e P	06:40:40.30		BZ		
PVIS	e P	06:40:37.60		BZ		

**20-Fev Ho 15:30:03.3 ML 2.0**  
**Lat 35.377°N Lon 03.710°W Prof 18**  
**Região: NE Al Hoceima (MARR) Rms 0.4**  
**AxMax 8.0 AxMin 6.1 Ang 136 ErrZ 12**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	15:31:01.65		HE		
	e S	15:31:43.16		HE		
PBAR	e P	15:31:01.82		HZ	0.001	0.5
	e S	15:31:44.31		HE		
PBDV	e P	15:31:02.38		HZ	0.002	0.9
	e S	15:31:44.18		HE		
PCVE	e P	15:31:07.82		HZ	0.002	0.7
	e S	15:31:52.49		HE		
PNCL	e P	15:31:14.17		HZ	0.001	0.1
	e S	15:32:05.95		HE		



20-Fev		Ho	16:52:21.6	ML 1.2	
		Lat	41.992°N	Lon	06.330°W
		Prof	3*		
		Região:	NE Bragança		
		AxMax	5.1	AxMin	2.6
		Ang	81		
		ErrZ	0		
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBRG	e Pg	16:52:28.06		HZ	0.010 0.2
	e Sg	16:52:32.93		HN	
MVO	e P	16:52:39.14		HZ	0.010 0.3
	e S	16:52:53.55		HN	
POLO	e P	16:52:44.36		HZ	0.001 0.8
	e S	16:53:01.78		HN	
PVRL	e P	16:52:44.93		SZ	
PCAB	e P	16:52:45.11		HZ	
PGAV	e Pg	16:52:48.34		HZ	0.002 0.1
	e Sg	16:53:08.22		HN	

20-Fev		Ho	21:36:15.8	ML 2.5	
		Lat	38.118°N	Lon	01.125°W
		Prof	12		
		Região:	N Murcia (ESP)		
		AxMax	1.8	AxMin	1.6
		Ang	125		
		ErrZ	3		
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBAR	e Pn	21:37:24.21		HZ	0.006 0.5
	e Sn	21:38:17.05		HN	
PMRV	e Sg	21:38:49.02		HN	0.008 0.5
PESTR	e Sn	21:38:28.19		HN	0.007 0.4
PCBR	e Pn	21:37:33.38		EZ	0.003 0.3
	e Sn	21:38:30.17		EN	
PVAQ	e Pn	21:37:32.93		HE	
	e Sn	21:38:31.68		HE	
	e Sg	21:39:00.24		HE	
EVO	e Sn	21:38:35.49		HE	
PBDV	e Pn	21:37:35.89		HZ	
MTE	e Pn	21:37:36.49		HZ	
MVO	e Pn	21:37:36.26		HZ	0.006 0.6
	e Sn	21:38:37.60		HN	
PCVE	e Pn	21:37:36.03		HZ	
MESJ	e Pn	21:37:37.69		HZ	
PMTG	e Pn	21:37:37.75		HZ	0.005 0.5
	e Sg	21:39:15.13		HE	
PBRG	e Pn	21:37:38.95		HZ	0.006 0.7
	e Sg	21:39:13.69		HN	
PNCL	e Pn	21:37:42.58		HZ	
	e Sn	21:38:45.47		HE	
PVIS	e Pn	21:37:42.02		HZ	
MORF	e Pn	21:37:43.51		HZ	
PCAS	e Pn	21:37:43.90		HZ	
	e Sn	21:38:50.08		HE	
PGAV	e Pn	21:37:52.83		HZ	

21-Fev		Ho	00:39:14.2	ML 0.9	
		Lat	37.261°N	Lon	08.683°W
		Prof	23		
		Região:	SW Monchique		
		AxMax	2.3	AxMin	2.1
		Ang	82		
		ErrZ	2		
Est	Fase	P h:m:s	Dur	Co	Amp Per
MORF	i Pg	c 00:39:17.94		HZ	0.011 0.1
	e Sg	00:39:21.21		HN	
PFVI	i Pg	c 00:39:19.01		HZ	0.015 0.2
	e Sg	00:39:22.48		HN	
PTEO	e Pg	00:39:20.51		EZ	
	e Sg	00:39:25.20		EE	
PBDV	e Pg	00:39:25.48		HZ	0.002 0.1
	e Sg	00:39:34.22		HE	
PCVE	e Pg	00:39:26.12		HZ	
	e Sg	00:39:34.69		HN	
MESJ	e Pg	00:39:27.00		HZ	
	e Sg	00:39:36.33		HN	
PVAQ	e P	00:39:28.47		HN	
	e S	00:39:39.06		HE	
PNCL	e P	00:39:29.99		HZ	0.003 0.7
	e S	00:39:40.83		HN	
PBEJ	e S	00:39:45.62		EE	

21-Fev		Ho	01:07:09.7	Distante (NEIC)	MW 4.7
		Lat	18.948°S	Lon	69.279°W
		Prof	110		
		Região:	Northern Chile		
Est	Fase	P h:m:s	Dur	Co	Amp Per
MORF	e P	01:19:07.90		BZ	0.049 1.6

PBDV	e P	01:19:10.00		BZ	
PNCL	e P	01:19:09.80		BZ	
MESJ	e P	01:19:10.55		BZ	
	e pP	01:19:39.74		BZ	
PCVE	e P	01:19:10.66		BZ	
	e pP	01:19:40.92		BZ	
PVAQ	e P	01:19:10.39		BZ	
PBEJ	e P	01:19:12.14		SZ	
EVO	e P	01:19:13.13		BZ	
PMTG	e P	01:19:12.29		BZ	0.025 2.7
	e pP	01:19:43.70		BZ	
PBAR	e P	01:19:15.25		BZ	
PESTR	e P	01:19:15.76		BZ	0.035 1.7
PCAS	e P	01:19:16.14		BZ	0.061 1.9
PMRV	e P	01:19:17.46		BZ	
PTO	e P	01:19:18.04		SZ	0.068 1.5
PVIS	e P	01:19:19.62		BZ	
PVRL	e P	01:19:21.65		SZ	0.033 1.7
POLO	e P	01:19:21.64		BZ	
MVO	e P	01:19:23.56		BZ	0.024 1.3
PBRG	e P	01:19:26.02		BZ	

21-Fev		Ho	13:22:53.9	ML 1.1	
		Lat	37.326°N	Lon	08.573°W
		Prof	16		
		Região:	NW Monchique		
		AxMax	2.3	AxMin	2.1
		Ang	131		
		ErrZ	6		
Est	Fase	P h:m:s	Dur	Co	Amp Per
MORF	i Pg	c 13:22:56.51		HZ	0.097 0.1
	e Sg	13:22:59.11		HE	
PTEO	i Pg	d 13:22:59.22		EZ	0.007 0.5
	e Sg	13:23:03.06		EE	
PFVI	e Pg	13:22:59.50		HZ	0.010 0.3
	e Sg	13:23:03.51		HN	
PBDV	e Pg	13:23:03.71		HZ	
	e Sg	13:23:10.88		HE	
PCVE	e Pg	13:23:03.77		HZ	0.004 0.5
	e Sg	13:23:10.51		HE	
MESJ	e Pg	13:23:05.00		HZ	0.004 0.3
	e Sg	13:23:12.72		HN	
PVAQ	e Pg	13:23:06.50		HN	
	e Sg	13:23:15.81		HE	
PNCL	e P	13:23:08.44		HZ	0.006 0.2
	e S	13:23:18.42		HE	
EVO	e S	13:23:33.18		HE	
PBAR	e S	13:23:38.85		HE	

21-Fev		Ho	15:33:16.2	ML 1.5	
		Lat	36.580°N	Lon	07.482°W
		Prof	18		
		Região:	Golfo de Cádiz		
		AxMax	6.8	AxMin	4.7
		Ang	38		
		ErrZ	5		
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBDV	i P	d 15:33:30.15		HZ	0.006 0.6
	e S	15:33:40.10		HE	
PVAQ	e P	15:33:31.56		HN	
	e S	15:33:42.60		HN	
PCVE	e P	15:33:35.79		HZ	0.003 0.7
	e S	15:33:50.30		HN	
MORF	e P	15:33:35.88		HZ	0.006 0.4
	e S	15:33:53.92		HN	
MESJ	e P	15:33:39.08		HZ	
	e S	15:33:56.71		HN	
PBAR	e P	15:33:42.86		HZ	0.002 0.9
	e S	15:34:02.91		HN	
PNCL	e P	15:33:43.96		HZ	0.003 0.8
	e S	15:34:05.01		HN	
PESTR	e P	15:33:51.54		HZ	
	e S	15:34:17.79		HE	
PMTG	e P	15:33:55.62		HZ	
PMRV	e P	15:33:59.46		HZ	
	e S	15:34:32.37		HE	

21-Fev		Ho	18:50:54.5	ML 2.2	
		Lat	36.231°N	Lon	08.187°W
		Prof	31		
		Região:	SW Faro		
		AxMax	6.8	AxMin	4.1
		Ang	33		
		ErrZ	13		
Est	Fase	P h:m:s	Dur	Co	Amp Per
PBDV	e P	18:51:11.25		HZ	0.015 1.6
	e S	18:51:24.21		HE	

PFVI	e P	d	18:51:10.58	HZ					EVO	e P	23:49:53.14	BZ	0.024	1.4
	e S		18:51:25.15	HE					PGAV	e P	23:49:55.34	BZ	0.042	1.8
MORF	e P		18:51:12.22	HZ	0.024	0.2			PMTG	e P	23:49:52.24	BZ	0.033	1.5
	e S		18:51:26.65	HN					COI	e P	23:49:55.00	BZ	0.084	1.3
PVAQ	e P		18:51:14.01	HN					PCAS	e P	23:49:55.59	BZ		
	e S		18:51:28.61	HE					MESJ	e P	23:49:56.57	BZ	0.052	1.6
PTEO	e P		18:51:15.82	EZ	0.011	0.5			PTO	e P	23:49:54.89	SZ	0.042	1.1
	e S		18:51:32.49	EE					PNCL	e P	23:49:59.01	BZ	0.035	1.8
PCVE	e P		18:51:16.49	HZ	0.015	0.4			PMOZ	e P	23:51:16.44	BZ	0.187	0.6
	e S		18:51:33.17	HN										
MESJ	e P		18:51:19.15	HZ	0.015	0.2								
	e S		18:51:37.72	HE										
PBEJ	e P		18:51:22.04	EZ	0.011	0.1								
	e S		18:51:42.76	EE										
PNCL	e P		18:51:22.87	HZ	0.008	1.1								
	e S		18:51:44.47	HN										
PBAR	e P		18:51:26.69	HZ	0.006	0.1								
	e S		18:51:50.78	HE										
EVO	e P		18:51:28.54	HZ	0.014	0.1								
	e S		18:51:54.55	HN										
PSES	e P		18:51:29.37	HZ										
	e S		18:51:56.63	HE										
PACT	e P		18:51:33.46	BZ										
	e S		18:52:03.80	BE										
PESTR	e P		18:51:34.24	HZ										
	e S		18:52:03.60	HN										
PMTG	e P		18:51:35.73	HZ	0.009	0.1								
	e S		18:52:06.33	HE										
PMAFR	e P		18:51:36.56	HZ										
	e S		18:52:09.21	HN										
PMRV	e P		18:51:41.62	HZ										
	e S		18:52:17.81	HN										
PCBR	e P		18:51:47.13	EZ	0.006	0.6								
	e S		18:52:26.98	EE										
PCAS	e P		18:51:49.62	HZ										
	e S		18:52:31.25	HE										
MTE	e P		18:51:54.94	HZ										
MVO	e P		18:52:06.12	HZ	0.004	0.3								
	e S		18:52:58.81	HN										
POLO	e P		18:52:07.69	HZ										
	e S		18:53:03.13	HN										
PGAV	e P		18:52:15.92	HZ										
	e S		18:53:16.30	HN										

21-Fev		Ho	22:23:26.0	ML 0.7			
		Lat	38.142°N	Lon	08.048°W		
		Prof	10	Rms 0.2			
		Região: NE Ferreira do Alentejo			ErrZ 5		
		AxMax	2.5	AxMin	1.9		
		Ang	83	ErrZ 5			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PBEJ	e Pg		22:23:29.74		EZ	0.002	0.2
	e Sg		22:23:32.51		EN		
MESJ	e Pg		22:23:32.71		HZ	0.002	0.2
	e Sg		22:23:36.91		HE		
PNCL	e Pg		22:23:33.44		HZ	0.003	0.6
	e Sg		22:23:38.17		HE		
EVO	e Sg		22:23:38.63		HE		
PCVE	e S		22:23:42.24		HE		
PVAQ	e S		22:23:50.84		HN		
PBAR	e S		22:23:51.28		HE	0.002	0.9
PTEO	e S		22:23:53.26		EN		
PBDV	e S		22:23:54.33		HE	0.004	0.7
PMTG	e S		22:23:56.78		HN		
PMRV	e P		22:23:51.22		HZ		
	e S		22:24:10.32		HE		

21-Fev		Ho	23:44:56.5	Distante (NEIC)	MB 5.0		
		Lat	37.855°N	Lon	20.361°E		
		Prof	17	Rms 0.4			
		Região: Ionian Sea					
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PBRG	e P		23:49:40.58		BZ	0.038	1.5
MVO	e P		23:49:42.22		BZ	0.069	1.3
PBAR	e P		23:49:45.09		BZ	0.046	1.7
PMRV	e P		23:49:45.44		BZ	0.032	1.8
PCBR	e P		23:49:46.22		SZ	0.035	1.4
MTE	e P		23:49:46.79		BZ	0.051	1.7
PESTR	e P		23:49:52.25		BZ	0.034	1.9
PVIS	e P		23:49:49.23		BZ		
PBEJ	e P		23:49:54.59		SZ	0.032	1.6

21-Fev		Ho	23:41:59.2	Distante (NEIC)	MB 4.3		
		Lat	42.032°N	Lon	24.912°E		
		Prof	8	Rms 0.4			
		Região: Bulgaria					
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PBRG	e P		23:47:08.75		BZ	0.032	1.8
MVO	e P		23:47:12.60		BZ	0.027	1.8
MTE	e P		23:47:17.81		BZ	0.043	1.7
PCBR	e P		23:47:18.39		SZ	0.023	1.7
PMRV	e P		23:47:19.40		BZ	0.042	1.5
PVIS	e P		23:47:19.53		BZ		
PBAR	e P		23:47:20.35		BZ	0.023	1.1
PESTR	e P		23:47:21.42		BZ	0.028	1.0
PMTG	e P		23:47:24.45		BZ	0.024	1.2
EVO	e P		23:47:25.00		BZ	0.036	1.8
PBEJ	e P		23:47:26.08		SZ	0.016	1.3
PCVE	e P		23:47:28.82		BZ	0.047	1.3
MESJ	e P		23:47:30.27		BZ	0.027	1.8
PNCL	e P		23:47:31.60		BZ		

22-Fev		Ho	05:49:00.0	Distante (IPMA)	Prof 10		
		Lat	23.800°N	Lon	44.790°W		
		Região: Northern Mid-Atlantic Ridge					
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PTEO	e P		05:55:39.30		SZ	0.088	1.8
PNCL	e P		05:55:42.82		BZ	0.041	1.7
PNCL	e P		05:56:00.22		BZ	0.092	1.7
PBDV	e P		05:55:45.33		BZ	0.079	1.7
PCVE	e P		05:55:44.09		BZ		
PVAQ	e P		05:55:46.93		BZ		
PMTG	e P		05:55:46.09		BZ	0.040	1.4
EVO	e P		05:55:46.02		BZ	0.018	1.7
PESTR	e LR		06:05:05.75		LZ	1.512	20
PBAR	e P		05:55:53.16		BZ	0.045	1.5
PMRV	e P		05:55:52.22		BZ	0.028	1.5
	e LR		06:05:09.82		LZ	1.016	18
PGAV	e P		05:55:56.75		BZ	0.087	2.1
	e LR		06:05:18.19		LZ	0.827	22
MTE	e P		05:55:54.50		BZ	0.051	1.5
	e LR		06:05:11.41		LZ	1.244	20
MVO	e P		05:55:59.55		BZ	0.041	2.0
	e LR		06:05:34.06		LZ		

22-Fev		Ho	07:19:28.2	Distante (NEIC)	MW 5.4		
		Lat	03.254°S	Lon	130.763°E		
		Prof	10	Rms 0.4			
		Região: Seram, Indonesia					
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
MVO	e PKPdf		07:38:51.65		BZ		
PGAV	e PKPdf		07:38:49.82		BZ		
POLO	e PKPdf		07:38:52.06		BZ		
PVIS	e PKPdf		07:38:52.47		BZ		
PCBR	e PKPdf		07:38:53.90		SZ		
PBAR	e PKPdf		07:38:54.31		BZ		
PCVE	e PKPdf		07:38:55.17		BZ		

22-Fev		Ho	18:48:04.7	ML 1.9			
		Lat	38.222°N	Lon	07.977°W		
		Prof	7	Rms 0.4			
		Região: SE Alvito					
		Sentido: II Alvito					
		AxMax	2.2	AxMin	1.6		
		Ang	97	ErrZ 4			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PBEJ	i Pg	d	18:48:08.69		EZ	0.039	0.1
	e Sg		18:48:11.35		EE		
EVO	e Pg		18:48:10.43		HZ	0.085	0.1
	e Sg		18:48:14.50		HE		
MESJ	e Pg	c	18:48:12.59		HZ	0.028	0.3
	e Sg		18:48:18.11		HN		
PNCL	i Pg	c	18:48:12.79		HZ	0.025	0.2
	e Sg		18:48:18.74		HN		

PCVE	e Pg	18:48:15.71	HZ	0.016	0.1	<b>23-Fev</b>	<b>Ho</b>	<b>03:31:16.2</b>	<b>Distante (NEIC)</b>	<b>ML 5.0</b>		
	e Sg	18:48:23.38	HN					<b>Lat 55.535°N</b>	<b>Lon 158.834°W</b>	<b>Prof 28</b>		
PESTR	e Pg	18:48:17.89	HZ	0.035	0.2	<b>Região: Alaska Peninsula</b>						
	e Sg	18:48:26.97	HE			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pg	18:48:18.39	HZ	0.033	0.1	MVO	e pP	03:43:35.30		BZ		
	e Sg	18:48:28.44	HN			MTE	e P	03:43:31.81		BZ		
PVAQ	e P	18:48:20.44	HE			PCAS	e P	03:43:31.91		BZ		
	e S	18:48:31.04	HN			PCBR	e P	03:43:33.71		SZ		
PMTG	e P	18:48:20.59	HZ	0.021	0.2		e pP	03:43:41.66		SZ		
	e S	18:48:31.88	HE			PMRV	e P	03:43:36.89		BZ		
PTEO	e P	18:48:21.35	EZ	0.019	0.3		e pP	03:43:43.14		BZ		
	e S	18:48:33.14	EE			PMAFR	e P	03:43:36.89		BZ		
PSES	e P	18:48:22.12	HZ	0.040	0.4		e pP	03:43:44.42		BZ		
	e S	18:48:34.03	HE			PMTG	e P	03:43:37.95		BZ		
PBDV	e P	18:48:23.21	HZ	0.014	0.8		e pP	03:43:44.31		BZ		
	e S	18:48:35.06	HE			PESTR	e pP	03:43:46.32		BZ		
MORF	e P	18:48:24.36	HZ	0.029	0.2	EVO	e pP	03:43:47.70		BZ		
	e S	18:48:37.94	HE			PBAR	e P	03:43:43.09		BZ		
PMAFR	e P	18:48:27.84	HZ	0.026	0.2		e pP	03:43:50.67		BZ		
	e S	18:48:44.28	HE			<b>23-Fev</b>						
PFVI	e P	18:48:28.31	HZ	0.013	1.0	<b>Ho</b>	<b>05:43:41.6</b>	<b>Distante (NEIC)</b>	<b>MB 4.8</b>			
	e S	18:48:44.10	HN			<b>Lat 16.351°N</b>	<b>Lon 97.576°W</b>	<b>Prof 10</b>				
PMRV	e P	18:48:27.76	HZ	0.016	0.4	<b>Região: Oaxaca, Mexico</b>						
	e S	18:48:44.79	HE			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PCBR	e Pn	18:48:32.91	EZ	0.006	0.2	PCAS	e P	05:55:44.70		BZ		
	e Sn	18:48:53.92	EN				e pP	05:55:50.29		BZ		
	e Sg	18:48:56.52	EE			POLO	e P	05:55:45.04		BZ		
PCAS	e Sg	18:49:02.72	HE	0.005	0.5	PVIS	e P	05:55:45.47		BZ		
							e pP	05:55:51.35		BZ		
<b>23-Fev</b>						PFVI	e pP	05:55:51.81		BZ		
<b>Ho</b>	<b>00:52:44.4</b>	<b>ML 2.5</b>				PNCL	e pP	05:55:52.04		BZ		
<b>Lat</b>	<b>37.871°N</b>	<b>Lon 03.241°W</b>	<b>Prof 12</b>			PMTG	e P	05:55:46.40		BZ		
<b>Região: NW Almeria (ESP)</b>			<b>Rms 0.5</b>				e pP	05:55:52.19		BZ		
<b>AxMax 1.9</b>	<b>AxMin 1.7</b>	<b>Ang 162</b>	<b>ErrZ 3</b>			MORF	e pP	05:55:52.80		BZ		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	MTE	e P	05:55:47.42	BZ		
PBAR	e Pn	00:53:30.48	HZ	0.012	0.2		e pP	05:55:53.33		BZ		
	e Pg	00:53:38.38	HZ			EVO	e P	05:55:47.93		BZ		
	e Sn	00:54:05.56	HE				e pP	05:55:53.94		BZ		
	e Sg	00:54:16.65	HN			PCBR	e P	05:55:48.78		SZ		
PESTR	e Pg	00:53:48.71	HZ	0.010	0.3		e pP	05:55:54.39		SZ		
	e Sn	00:54:18.96	HE			PCVE	e P	05:55:48.61		BZ		
	e Sg	00:54:36.49	HE				e pP	05:55:55.23		BZ		
PVAQ	e Sn	00:54:18.35	HN			PBEJ	e pP	05:55:55.23		SZ		
	e Sg	00:54:33.76	HE			PMRV	e P	05:55:49.29		BZ		
PMRV	e Pg	00:53:48.61	HZ	0.017	0.6	PBAR	e P	05:55:52.18		BZ		
	e Sn	00:54:20.10	HE				e pP	05:55:58.35		BZ		
	e Sg	00:54:35.76	HN			<b>23-Fev</b>						
PBEJ	e Sn	00:54:23.76	EN	0.006	0.5	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	e Sg	00:54:35.84	EN			PBAR	e Sn	06:47:36.87		HE	0.001	0.8
PBDV	e Pn	00:53:41.31	HZ	0.005	0.4		e Sg	06:47:48.41		HN		
	e Pg	00:53:53.28	HZ			PESTR	e Sn	06:47:50.59		HE	0.002	0.6
	e Sn	00:54:23.61	HE				e Sg	06:48:05.54		HE		
	e Sg	00:54:40.31	HN			PVAQ	e Sn	06:47:50.75		HN		
EVO	e Pn	00:53:55.08	HZ	0.009	0.5		e Sg	06:48:07.18		HN		
	e Sg	00:54:41.31	HN			PMTG	e Sg	06:48:23.98		HE		
PCVE	e Pn	00:53:41.38	HZ	0.008	0.4	<b>23-Fev</b>						
	e Sn	00:54:24.61	HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	e Sg	00:54:40.91	HN			PBAR	e Sn	06:49:00.28		HE	0.001	0.3
PCBR	e Pn	00:53:41.47	EZ	0.009	0.6		e Sg	06:49:12.75		HN		
	e Sn	00:54:26.02	EN			PVAQ	e Sg	06:49:31.63		HE		
	e Sg	00:54:42.49	EN			PMRV	e Sg	06:49:32.26		HN		
MESJ	e Sn	00:54:27.10	HE	0.006	0.6	<b>23-Fev</b>						
	e Sg	00:54:45.45	HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMTG	e Sn	00:54:31.23	HE	0.011	0.4	PBAR	e Pg	07:49:42.96		HZ	0.005	0.6
	e Sg	00:54:49.80	HE				e Sn	07:50:10.70		HN		
PNCL	e Sn	00:54:33.51	HN	0.004	0.6		e Sg	07:50:21.46		HN		
	e Sg	00:54:53.11	HE			PVAQ	e Pn	07:49:43.26		HE		
MTE	e Sg	00:54:53.07	HE	0.009	0.4		e Sn	07:50:23.49		HE		
MORF	e Sn	00:54:37.71	HN	0.003	0.6		e Sg	07:50:39.61		HE		
PTEO	e Sn	00:54:39.20	EE			PESTR	e Sn	07:50:23.81		HE	0.005	0.6
	e Sg	00:54:59.50	EE				e Sg	07:50:38.90		HN		
MVO	e Pn	00:53:50.86	HZ	0.006	0.4	PMRV	e Sn	07:50:24.47		HN	0.006	0.4
	e Sg	00:55:00.37	HN				e Sg	07:50:38.63		HE		
PVIS	e Sn	00:54:44.77	HN	0.002	0.3	PMTG	e Sn	07:50:35.68		HE	0.004	0.6
	e Sg	00:55:07.05	HE				e Sg	07:50:57.21		HE		
PCAS	e Sn	00:54:45.20	HN	0.010	0.7							
	e Sg	00:55:09.41	HE									
PBRG	e Sg	00:55:12.77	HN									

PBDV	e Sg	07:50:45.90	HN				
MESJ	e Sg	07:50:50.23	HE	0.002	0.3		
PNCL	e Sg	07:50:57.72	HE	0.002	0.3		

**23-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PGAV	e Pg	09:20:56.64		HZ			
	e Sg	09:21:26.75		HN			

<b>23-Fev</b>	<b>Ho</b>	<b>13:04:22.3</b>				<b>ML 1.4</b>	
	<b>Lat</b>	<b>39.935°N</b>		<b>Lon</b>	<b>06.095°W</b>	<b>Prof</b>	<b>1.7</b>
	<b>Região:</b>	<b>S Plasencia (ESP)</b>				<b>Rms</b>	<b>0.7</b>
	<b>AxMax</b>	<b>3.8</b>	<b>AxMin</b>	<b>2.9</b>	<b>Ang</b>	<b>80</b>	<b>ErrZ</b>
							<b>7</b>

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PCBR	e P	13:04:41.62		EZ	0.005	0.3	
	e S	13:04:56.35		EN			
PMRV	e P	13:04:42.84		HZ	0.004	0.6	
	e S	13:04:57.36		HE			
MTE	e P	13:04:44.73		HZ	0.005	0.6	
	e S	13:05:00.18		HN			
MVO	e Pn	d 13:04:48.25		HZ	0.012	0.2	
	e Sn	13:05:06.55		HE			
	e Sg	13:05:07.29		HE			
PESTR	e Pn	13:04:51.16		HZ	0.003	0.6	
	e Sn	13:05:11.45		HE			
PVIS	e Pn	13:04:50.86		HZ			
	e Sn	13:05:11.16		HN			
PCAS	e Sg	13:05:19.42		HE			
PMTG	e Pg	13:04:55.58		HZ	0.002	0.8	
	e Sg	13:05:19.77		HE			
PBAR	e Pn	13:04:55.14		HZ	0.002	0.3	
	e Pg	13:04:57.12		HZ			
	e Sg	13:05:22.46		HE			
POLO	e Pn	13:04:54.62		HZ	0.001	0.3	
	e Sn	13:05:20.84		HE			
PGAV	e Pn	13:05:04.19		HZ			
PCVE	e Sn	13:05:40.37		HN	0.001	1.0	
	e Sg	13:05:50.79		HN			

**23-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PGAV	e Pg	13:14:26.49		HZ			
	e Sg	13:14:50.45		HN			

<b>23-Fev</b>	<b>Ho</b>	<b>15:10:15.6</b>				<b>ML 1.0</b>	
	<b>Lat</b>	<b>36.897°N</b>		<b>Lon</b>	<b>08.307°W</b>	<b>Prof</b>	<b>10</b>
	<b>Região:</b>	<b>SW Albufeira</b>				<b>Rms</b>	<b>0.3</b>
	<b>AxMax</b>	<b>6.9</b>	<b>AxMin</b>	<b>3.6</b>	<b>Ang</b>	<b>179</b>	<b>ErrZ</b>
							<b>6</b>

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PBDV	e Pg	15:10:24.82		HZ	0.002	0.1	
	e Sg	15:10:30.94		HN			
PFVI	e Pg	15:10:24.17		HZ	0.004	0.1	
	e Sg	15:10:30.85		HE			
MORF	e Pg	15:10:24.63		HZ	0.009	0.1	
	e Sg	15:10:31.71		HN			
PVAQ	e P	15:10:28.25		HZ	0.003	0.1	
	i S	15:10:37.41		HE			
PTEO	e P	15:10:29.14		EZ			
	e S	15:10:39.25		EE			
PCVE	e P	15:10:29.42		HZ	0.003	0.2	
	e S	15:10:39.40		HE			
MESJ	e S	15:10:44.79		HN	0.002	0.3	
PNCL	e S	15:10:53.60		HN	0.001	0.2	

<b>23-Fev</b>	<b>Ho</b>	<b>15:40:35.0</b>				<b>ML 1.2</b>	
	<b>Lat</b>	<b>41.063°N</b>		<b>Lon</b>	<b>08.422°W</b>	<b>Prof</b>	<b>14</b>
	<b>Região:</b>	<b>NW Castelo de Paiva</b>				<b>Rms</b>	<b>0.4</b>
	<b>AxMax</b>	<b>6.3</b>	<b>AxMin</b>	<b>3.3</b>	<b>Ang</b>	<b>90</b>	<b>ErrZ</b>
							<b>8</b>

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PVIS	e Pg	15:40:44.34		HZ	0.009	0.1	
	e Sg	15:40:51.86		HE			
POLO	i Pg	c 15:40:45.10		HZ	0.002	0.1	
	e Sg	15:40:53.83		HE			
PVRL	e Pg	15:40:45.36		SZ	0.010	0.1	
	e Sg	15:40:53.49		SN			
PCAB	e Pg	15:40:48.41		HZ	0.015	0.1	
	e Sg	15:40:57.28		HN			
PGAV	e P	15:40:51.08		HZ	0.005	0.2	

	e S	15:41:03.42		HE			
MTE	e S	15:41:04.80		HN	0.008	0.6	
PCAS	e S	15:41:07.17		HE	0.002	0.1	
MVO	e P	15:40:54.15		HZ	0.008	0.2	
	e S	15:41:07.96		HE			
PCBR	e Sg	15:41:19.48		EE	0.002	0.6	
PMRV	e Pg	15:41:07.22		HZ	0.001	0.9	
	e Sg	15:41:30.33		HE			

<b>23-Fev</b>	<b>Ho</b>	<b>19:53:41.5</b>				<b>ML 1.4</b>	
	<b>Lat</b>	<b>36.777°N</b>		<b>Lon</b>	<b>11.104°W</b>	<b>Prof</b>	<b>31*</b>
	<b>Região:</b>	<b>Gorringe</b>				<b>Rms</b>	<b>0.5</b>
	<b>AxMax</b>	<b>10.5</b>	<b>AxMin</b>	<b>7.2</b>	<b>Ang</b>	<b>88</b>	<b>ErrZ</b>
							<b>0</b>

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PFVI	e Pn	d 19:54:09.25		HZ	0.004	0.6	
	e Sn	19:54:30.12		HE			
MORF	e Pn	19:54:11.89		HZ	0.003	0.3	
	e Sn	19:54:35.25		HN			
PTEO	e Sn	19:54:35.10		EN			
PNCL	e Pn	19:54:19.81		HZ	0.001	0.6	
	e Sn	19:54:44.76		HN			
MESJ	e Pn	19:54:19.41		HZ			
PBDV	e Sn	19:54:48.84		HN	0.001	0.2	
PCVE	e Pn	19:54:19.79		HZ	0.002	0.5	
	e Sn	19:54:47.65		HN			
PMAFR	e Sn	19:54:48.14		HN			
PVAQ	e Pn	19:54:22.69		HZ	0.001	0.6	
	e Sn	19:54:52.85		HN			
EVO	e Sn	19:54:58.92		HN			
PMTG	e Sn	19:55:03.97		HE	0.001	0.1	
PBAR	e Sn	19:55:10.12		HE	0.001	0.7	
PMRV	e Pn	19:54:37.91		HZ	0.001	0.8	
	e Sn	19:55:19.69		HE			
PCBR	e Pn	19:54:41.72		EZ			

<b>23-Fev</b>	<b>Ho</b>	<b>21:47:38.0</b>				<b>ML 2.4</b>	
	<b>Lat</b>	<b>36.612°N</b>		<b>Lon</b>	<b>11.294°W</b>	<b>Prof</b>	<b>31</b>
	<b>Região:</b>	<b>Gorringe</b>				<b>Rms</b>	<b>0.5</b>
	<b>AxMax</b>	<b>11.3</b>	<b>AxMin</b>	<b>3.9</b>	<b>Ang</b>	<b>73</b>	<b>ErrZ</b>
							<b>13</b>

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PFVI	i P	c 21:48:08.45		HZ	0.026	0.4	
	e S	21:48:30.56		HN			
MORF	e P	c 21:48:10.99		HZ	0.029	0.3	
	e S	21:48:35.75		HN			
PTEO	e P	c 21:48:11.54		EZ	0.019	0.2	
	e S	21:48:36.41		EN			
PSES	e P	21:48:14.84		HZ	0.022	0.4	
	e S	21:48:43.17		HN			
PNCL	e P	21:48:17.09		HZ	0.007	0.1	
	e S	21:48:46.63		HE			
MESJ	e P	21:48:18.02		HZ	0.007	0.1	
	e S	21:48:48.03		HE			
PBDV	e P	21:48:18.77		HZ	0.008	0.7	
	e S	21:48:48.77		HE			
PCVE	e P	c 21:48:18.94		HZ	0.008	0.4	
	e S	21:48:48.98		HN			
PMAFR	e P	21:48:18.93		HZ	0.028	0.2	
	e S	21:48:50.35		HE			
FACT	e P	21:48:20.74		BZ	0.016	0.6	
	e S	21:48:54.19		BE			
PVAQ	e P	c 21:48:21.48		HZ	0.008	0.2	
	e S	21:48:53.70		HE			
PBEJ	e P	21:48:22.16		EZ	0.004	0.2	
	e S	21:48:55.90		EN			
EVO	e P	21:48:25.05		HZ	0.009	0.1	
	e S	21:48:59.99		HE			
PMTG	e P	21:48:27.41		HZ	0.004	0.4	
	e S	21:49:06.03		HE			
PSBE	e P	21:48:28.13		HZ			
	e S	21:49:07.31		HN			
PESTR	e P	21:48:32.14		HZ	0.003	0.2	
	e S	21:49:11.27		HE			
PBAR	e P	21:48:32.07		HZ	0.005	0.4	
	e S	21:49:11.76		HN			
PCAS	e P	21:48:36.04		HZ	0.003	0.2	
	e S	21:49:20.92		HN			
PMRV	e P	21:48:37.32		HZ	0.004	0.8	
	e S	21:49:21.90		HN			

PCBR	e P	21:48:41.00	EZ	0.002	0.7
	e S	21:49:28.80	EN		
MTE	e S	21:49:38.00	HN	0.007	0.1
PVIS	e P	21:48:47.13	HZ	0.005	0.2
	e S	21:49:39.22	HE		
PVRL	e S	21:49:51.35	SE		
POLO	e P	21:48:54.98	HZ	0.001	0.4
	e S	21:49:52.82	HN		
MVO	e P	21:48:57.16	HZ	0.004	0.4
	e S	21:49:56.73	HE		
PCAB	e P	21:48:58.24	HZ	0.005	0.2
	e S	21:49:58.63	HN		
PGAV	e P	21:49:00.11	HZ	0.003	0.8
	e S	21:50:00.90	HN		
PBRG	e P	21:49:06.03	HZ		
	e S	21:50:12.03	HE		

<b>23-Fev</b>	<b>Ho</b>	<b>21:53:19.3</b>			<b>ML 1.1</b>
	<b>Lat</b>	<b>36.559°N</b>	<b>Lon</b>	<b>09.779°W</b>	<b>Prof 14</b>
	<b>Região:</b>	<b>SW Cabo S.Vicente</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>15.6</b>	<b>AxMin</b>	<b>12.0</b>	<b>Ang 94</b>
					<b>ErrZ 8</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	21:53:36.64		HZ	0.002 0.2
	e S	21:53:49.24		HN	
MORF	e P	21:53:39.69		HZ	0.003 0.1
	e S	21:53:54.71		HN	
PTEO	e S	21:53:58.09		EE	
PBDV	e S	21:54:05.71		HN	
PCVE	e S	21:54:09.77		HE	0.001 0.5
MESJ	e S	21:54:09.84		HN	
PNCL	e S	21:54:10.52		HN	
PVAQ	e P	21:53:49.15		HZ	0.002 0.8
	e S	21:54:11.14		HE	
PBAR	e S	21:54:32.59		HN	
PMTG	e S	21:54:33.44		HE	0.001 0.1
PMRV	e S	21:54:49.33		HE	

<b>23-Fev</b>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	PBDV	e P	21:54:57.29		HZ	
		e S	21:55:37.97		HE	
	PVAQ	e S	21:55:36.19		HN	0.001 0.6

<b>23-Fev</b>	<b>Ho</b>	<b>22:41:09.8</b>			<b>ML 1.4</b>
	<b>Lat</b>	<b>37.592°N</b>	<b>Lon</b>	<b>08.910°W</b>	<b>Prof 14</b>
	<b>Região:</b>	<b>W Odemira</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>4.4</b>	<b>AxMin</b>	<b>4.0</b>	<b>Ang 72</b>
					<b>ErrZ 6</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PTEO	i P	d 22:41:14.06		EZ	0.017 0.2
	e S	22:41:16.66		EN	
MORF	e P	22:41:16.56		HZ	0.033 0.1
	e S	22:41:21.75		HN	
PFVI	e P	c 22:41:18.17		HZ	0.010 0.1
	e S	22:41:24.42		HN	
MESJ	e P	c 22:41:21.06		HZ	0.005 0.2
	e S	22:41:29.02		HE	
PNCL	e P	c 22:41:20.94		HZ	0.008 0.3
	e S	22:41:28.96		HN	
PCVE	e P	c 22:41:22.57		HZ	0.011 0.3
	e S	22:41:31.93		HN	
PBDV	e P	22:41:25.11		HZ	0.004 0.3
	e S	22:41:37.00		HN	
PSES	e S	22:41:36.66		HN	
PBEJ	e S	22:41:38.19		EE	0.003 0.4
PVAQ	e P	22:41:26.86		HZ	0.006 0.1
	e S	22:41:40.16		HN	
EVO	e P	22:41:30.37		HZ	0.004 0.3
	e S	22:41:46.36		HN	
PACT	e S	22:41:46.14		BN	
PMTG	e Pn4	22:41:35.75		HZ	0.001 0.1
	e Sn	22:41:57.12		HN	
PBAR	e Sn	22:41:58.76		HE	0.002 0.2
PMRV	e Pn	22:41:42.75		HZ	

<b>23-Fev</b>	<b>Ho</b>	<b>23:07:54.0</b>	<b>Distante (NEIC)</b>	<b>MB 4.8</b>	
	<b>Lat</b>	<b>12.060°N</b>	<b>Lon</b>	<b>43.860°W</b>	
	<b>Região:</b>	<b>Northern Mid-Atlantic Ridge</b>			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMSOL	i T	23:47:10.20		SZ	
PMOZ	i T	23:47:07.96		HZ	
FUL	i T	23:47:18.11		EZ	
PMAR	i T	23:47:13.36		HZ	
MORF	e P	23:15:31.02		BZ	
MESJ	e P	23:15:35.96		BZ	
PCVE	e P	23:15:35.74		BZ	
EVO	e P	23:15:39.31		BZ	
PMTG	e P	23:15:42.27		BZ	
PCAS	e P	23:15:42.39		BZ	
PBAR	e P	23:15:43.47		BZ	
PCBR	e P	23:15:47.47		SZ	
PVIS	e P	23:15:48.69		BZ	

<b>24-Fev</b>	<b>Ho</b>	<b>00:53:06.9</b>			<b>ML 1.3</b>
	<b>Lat</b>	<b>35.662°N</b>	<b>Lon</b>	<b>09.956°W</b>	<b>Prof 41*</b>
	<b>Região:</b>	<b>Mar de Marrocos</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>10.1</b>	<b>AxMin</b>	<b>4.5</b>	<b>Ang 86</b>
					<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	00:53:32.85		HZ	
	e S	00:53:53.33		HE	
MORF	e P	00:53:36.05		HZ	0.002 0.3
	e S	00:53:57.94		HE	
PTEO	e S	00:54:02.46		EE	
PBDV	e P	00:53:41.12		HZ	0.001 0.9
	e S	00:54:06.34		HN	
PCVE	e P	00:53:44.05		HZ	0.001 0.5
	e S	00:54:12.18		HN	
PVAQ	e P	00:53:44.20		HZ	0.001 0.2
	e S	00:54:11.92		HE	
MESJ	e P	00:53:44.88		HZ	0.001 0.3
	e S	00:54:14.86		HN	
PNCL	e S	00:54:16.37		HN	
EVO	e S	00:54:29.25		HE	
PBAR	e P	00:53:56.84		HZ	
	e S	00:54:34.85		HE	
PMTG	e P	00:53:59.36		HZ	
	e S	00:54:39.52		HE	
PMRV	e S	00:54:54.29		HE	0.001 0.9

<b>24-Fev</b>	<b>Ho</b>	<b>02:03:01.1</b>	<b>Distante (NEIC)</b>	<b>MB 4.4</b>	
	<b>Lat</b>	<b>34.128°N</b>	<b>Lon</b>	<b>26.104°E</b>	
	<b>Região:</b>	<b>Crete, Greece</b>			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e P	02:08:40.61		BZ	0.021 1.7
PBAR	e P	02:08:42.80		BZ	0.010 1.9
MVO	e P	02:08:42.80		BZ	0.026 1.8
PMRV	e P	02:08:44.48		BZ	
PCBR	e P	02:08:45.42		SZ	0.015 1.6
PESTR	e P	02:08:45.98		BZ	
PVAQ	e P	02:08:47.73		BZ	0.015 1.9
PVRL	e P	02:08:47.54		SZ	
EVO	e P	02:08:49.69		BZ	0.011 1.8

<b>24-Fev</b>	<b>Ho</b>	<b>04:15:49.7</b>			<b>ML 2.0</b>
	<b>Lat</b>	<b>43.484°N</b>	<b>Lon</b>	<b>09.922°W</b>	<b>Prof 5*</b>
	<b>Região:</b>	<b>Spain</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>7.3</b>	<b>AxMin</b>	<b>3.7</b>	<b>Ang 79</b>
					<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PGAV	e Pn	04:16:21.26		HZ	0.007 0.4
	e Pg	04:16:25.40		HZ	
	e Sn	04:16:45.78		HE	
	e Sg	04:16:51.23		HE	
PCAB	e Pn	04:16:25.54		HZ	0.011 0.7
	e Sn	04:16:52.59		HE	
	e Sg	04:17:02.73		HE	
POLO	e Pn	04:16:30.50		HZ	0.002 0.8
	e Sn	04:17:01.60		HE	
	e Sg	04:17:13.93		HN	
PVRL	e Pn	04:16:32.64		SZ	0.003 0.1
	e Sg	04:17:17.22		SE	
PBRG	e Pn	04:16:34.59		HZ	0.003 0.3
	e Sg	04:17:19.77		HN	
PVIS	e Pn	04:16:37.51		HZ	

	e Sn	04:17:13.96	HE			
	e Sg	04:17:30.41	HN			
MVO	e Pn	04:16:37.99	HZ	0.004	0.6	
	e Sg	04:17:30.41	HN			
MTE	e Sg	04:17:43.65	HN	0.003	0.5	
PMTG	e Pn	04:16:57.48	HZ			
	e Sn	04:17:48.68	HN			
MESJ	e Pn	04:17:14.04	HZ			

**24-Fev Ho 05:16:32.0 ML 3.5**  
**Lat 29.492°N Lon 17.484°W Prof 14\***  
**Região: Canary Islands, Spain Reg Rms 0.3**  
**AxMax 3.8 AxMin 2.0 Ang 93 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
FUL	e S	05:17:49.10		EE	0.120	0.3
PMSOL	e P	05:17:16.57		SZ	0.144	0.4
	e S	05:17:48.62		SE		
PMAR	e P	05:17:17.42		HZ	0.209	0.3
	e S	05:17:50.84		H1		
PMOZ	e P	05:17:18.34		HZ	0.523	0.3
	e S	05:17:52.91		HE		
PMPS	e P	05:17:22.93		SZ	0.051	0.8
	e S	05:18:00.20		SE		
PMPST	e P	05:17:23.86		HZ	0.078	0.3
	e S	05:18:02.30		HE		
PFVI	e S	05:20:45.13		HE	0.005	0.6
MORF	e S	05:20:50.61		HN	0.004	0.3
PBDV	e P	05:19:06.09		HZ	0.002	0.3
	e S	05:21:00.10		HE		
PCVE	e S	05:21:05.86		HE	0.002	0.4
MESJ	e S	05:21:08.86		HN	0.003	1.1
PVAQ	e P	05:19:08.70		HZ	0.003	0.3
	e S	05:21:05.53		HN		
PNCL	e S	05:21:06.02		HN	0.002	0.4
PBEJ	e S	05:21:14.77		EE	0.002	0.4
PMTG	e S	05:21:28.39		HE		
PBAR	e S	05:21:28.01		HE	0.002	0.6
PMRV	e S	05:21:45.26		HE	0.002	0.6

**24-Fev Ho 07:31:18.7 ML 1.6**  
**Lat 36.973°N Lon 03.977°W Prof 54**  
**Região: SW Granada (ESP) Rms 0.3**  
**AxMax 3.7 AxMin 2.2 Ang 179 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	07:31:60.00		HZ	0.001	0.7
	e S	07:32:29.50		HN		
PVAQ	e P	07:32:03.52		HZ	0.002	0.1
	e S	07:32:35.93		HN		
PBDV	e S	07:32:41.24		HE		
PBEJ	e S	07:32:43.13		EN		
PCVE	e P	07:32:07.57		HZ	0.001	0.7
	e S	07:32:44.60		HE		
MESJ	e P	07:32:10.01		HZ		
	e S	07:32:48.55		HN		
MORF	e P	07:32:14.62		HZ	0.001	0.2
	e S	07:32:55.48		HN		
PNCL	e P	07:32:14.27		HZ		
	e S	07:32:55.78		HE		
PTEO	e S	07:32:56.97		EE		
PFVI	e P	07:32:15.87		HZ	0.003	0.8
	e S	07:32:57.49		HE		

**24-Fev Ho 07:51:42.5 Distante (NEIC) MB 4.3**  
**Lat 36.230°N Lon 22.030°E Prof 10**  
**Região: Southern Greece**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e P	07:56:49.71		BZ	0.017	2.1
PBAR	e P	07:56:51.93		BZ	0.024	1.5
PMRV	e P	07:56:52.37		BZ	0.015	1.4
MTE	e P	07:56:54.62		BZ		
PESTR	e P	07:56:53.83		BZ		
PVIS	e P	07:56:57.46		BZ		
PMTG	e P	07:56:59.46		BZ	0.012	1.6
MESJ	e P	07:57:00.56		BZ	0.013	1.4
PFVI	e P	07:57:06.88		BZ		

**24-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sn	10:18:13.85		HE	0.001	0.7
	e Sg	10:18:26.35		HN		
PESTR	e Sn	10:18:26.77		HE	0.002	0.6
	e Sg	10:18:44.89		HE		
PVAQ	e Sg	10:18:43.43		HE		
PMRV	e Sg	10:18:46.27		HE		

**24-Fev Ho 10:52:09.7 ML 1.4**  
**Lat 38.781°N Lon 07.971°W Prof 12**  
**Região: NE Arraiolos Rms 0.3**  
**AxMax 2.8 AxMin 1.4 Ang 101 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Pg	10:52:14.66		HZ	0.071	0.1
	e Sg	10:52:18.41		HE		
PESTR	e Pg	c 10:52:15.68		HZ	0.008	0.8
	e Sg	10:52:20.09		HN		
PMTG	e Pg	d 10:52:16.22		HZ	0.017	0.1
	e Sg	10:52:21.40		HE		
PBEJ	e P	10:52:23.54		EZ	0.009	0.2
	e S	10:52:33.31		EE		
PMRV	e P	10:52:24.68		HZ	0.006	0.2
	e S	10:52:34.69		HE		
PNCL	e P	10:52:24.85		HZ	0.003	0.4
	e S	10:52:35.08		HN		
PBAR	e P	10:52:26.90		HZ	0.007	0.3
	e S	10:52:39.58		HN		
MESJ	e P	10:52:27.98		HZ	0.003	0.2
	e S	10:52:39.67		HE		
PSBE	e P	10:52:27.98		HZ	0.009	0.7
	e S	10:52:41.58		HE		
PMAFR	e P	10:52:29.31		HZ	0.010	0.8
	e S	10:52:43.65		HN		
PCBR	e S	10:52:45.13		EE	0.006	0.1
PCVE	e P	10:52:31.05		HZ	0.005	0.6
	e S	10:52:45.55		HE		
PCAS	e Pg	10:52:34.48		HZ	0.002	0.7
	e Sg	10:52:52.56		HN		
PTEO	e Sg	10:52:52.34		EN	0.004	0.6
PVAQ	e Pg	10:52:35.52		HZ	0.007	0.6
	e Sg	10:52:53.13		HN		
PBDV	e Sg	10:52:56.79		HE	0.004	0.5
MORF	e Pn	10:52:35.94		HZ	0.002	0.2
	e Sg	10:52:58.24		HE		
MTE	e Sg	10:53:00.51		HN	0.003	0.2
PFVI	e Sg	10:53:05.75		HE	0.003	0.9

**24-Fev Ho 15:34:16.6 ML 1.2**  
**Lat 36.699°N Lon 09.632°W Prof 19**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 9.4 AxMin 3.9 Ang 92 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	c 15:34:31.06		HZ	0.005	0.1
	e S	15:34:41.15		HE		
MORF	e P	15:34:34.13		HZ	0.005	0.1
	e S	15:34:47.11		HE		
PTEO	e S	15:34:50.14		EN		
PBDV	e S	15:34:58.59		HN		
PCVE	e S	15:35:02.17		HN	0.002	0.3
PNCL	e S	15:35:02.66		HN	0.001	0.2
PVAQ	e P	15:34:43.79		HZ	0.002	0.1
	e S	15:35:03.63		HE		
EVO	e P	15:34:50.74		HZ	0.002	0.1
	e S	15:35:16.83		HE		
PBAR	e S	15:35:24.40		HN		
PMTG	e S	15:35:26.14		HN	0.001	0.1
PMRV	e S	15:35:41.81		HE		

**24-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e Pg	d 15:35:16.00		HZ	0.008	0.3
	e Sg	15:35:19.96		HN		
PMTG	e P	15:35:28.28		HZ	0.001	0.3
	e S	15:35:40.68		HN		
PNCL	e S	15:35:38.75		HE	0.002	0.5
PSBE	e S	15:35:41.20		HN		
EVO	e S	15:35:44.32		HE	0.002	0.1

MESJ	e S	15:35:49.65	HE				
PESTR	e S	15:35:53.89	HE	0.001	0.6		
PMRV	e Sg	15:36:03.41	HN				
PBAR	e Sg	15:36:10.11	HN				

**24-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PBAR	e Pg	18:05:34.24		HZ	0.001	0.7	
PVAQ	e Pg	18:05:36.26		HZ	0.002	0.6	
	e Sg	18:06:00.47		HN			
PBDV	e Pg	18:05:38.34		HZ			

**24-Fev Ho 19:02:10.1 ML 1.1**  
**Lat 37.114°N Lon 09.565°W Prof 24**  
**Região: W Cabo S.Vicente Rms 0.2**  
**AxMax 6.6 AxMin 6.3 Ang 164 ErrZ 4**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PFVI	e P	d 19:02:21.30		HZ	0.012	0.1	
	e S	19:02:29.88		HE			
MORF	e P	19:02:23.66		HZ	0.003	0.3	
	e S	19:02:34.08		HE			
PTEO	e S	19:02:35.36		EN			
PNCL	e S	19:02:47.23		HN			
PBDV	e P	19:02:31.69		HZ			
	e S	19:02:47.39		HN			
PCVE	e S	19:02:48.07		HN	0.001	0.4	
PVAQ	e P	19:02:34.26		HZ	0.002	0.6	
	e S	19:02:52.29		HE			
PBAR	e P	19:02:45.52		HZ			
	e S	19:03:10.11		HN			

**24-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PESTR	e Sn	20:09:07.25		HE	0.003	0.7	
	e Sg	20:09:35.22		HN			
PBAR	e Sg	20:09:19.74		HE	0.002	0.4	
PMRV	e Sg	20:09:31.94		HE	0.003	0.6	
PVAQ	e Sg	20:09:36.07		HE	0.002	0.7	

**25-Fev Ho 00:27:45.9 ML 0.6**  
**Lat 38.783°N Lon 07.952°W Prof 6\***  
**Região: NE Arraiolos Rms 0.3**  
**AxMax 2.4 AxMin 1.5 Ang 93 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
EVO	e Pg	c 00:27:50.88		HZ	0.006	0.1	
	e Sg	00:27:54.57		HE			
PESTR	e Pg	00:27:51.43		HZ	0.002	0.5	
	e Sg	00:27:55.92		HN			
PMTG	e Pg	00:27:52.17		HZ	0.001	0.2	
	e Sg	00:27:57.20		HN			
PBEJ	e Pg	00:28:02.92		EZ			
	e Sg	00:28:09.82		EE			
PMRV	e P	00:28:00.59		HZ	0.001	0.2	
	e S	00:28:10.99		HN			
PNCL	e P	00:28:02.73		HZ	0.001	0.5	
	e S	00:28:11.93		HN			
PBAR	e P	00:28:02.91		HZ	0.001	1.1	
	e S	00:28:15.87		HE			
MESJ	e S	00:28:16.27		HN	0.001	0.5	
PSBE	e S	00:28:17.78		HN			
PMAFR	e P	00:28:05.28		HZ			
	e S	00:28:19.92		HN			
PCBR	e S	00:28:20.96		EN			
PCVE	e S	00:28:22.02		HE			
PCAS	e Sg	00:28:28.14		HE			
PVAQ	e Sg	00:28:28.93		HE	0.001	0.8	

**25-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PMTG	e Pg	04:50:54.21		HZ	0.001	0.2	
	e Sg	04:50:58.05		HE			
PESTR	e Pg	04:50:55.86		HZ			
	e Sg	04:51:01.09		HN			
EVO	e Sg	04:50:59.35		HE			
PNCL	e S	04:51:14.52		HN			

**25-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PBAR	e Sn	05:56:36.40		HE	0.001	0.4	
	e Sg	05:56:47.30		HE			
PESTR	e Sn	05:56:49.37		HE	0.001	0.4	
	e Sg	05:57:04.84		HE			
PVAQ	e Sg	05:57:03.29		HN			
PMRV	e Sg	05:57:08.70		HE			

**25-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PVAQ	e P	06:41:44.56		HZ			
	e S	06:42:26.40		HE			

**25-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PNCL	e P	10:48:17.95		HZ	0.003	0.3	
	e S	10:48:23.27		HE			
EVO	e P	10:48:19.86		HZ	0.003	0.1	
	e S	10:48:25.36		HE			
MESJ	e S	10:48:24.71		HE	0.003	0.7	

**25-Fev Ho 16:28:39.5 Distante (NEIC) MW 5.6**  
**Lat 37.590°N Lon 141.745°E Prof 31**  
**Região: Near East Coast of Honshu, Japan**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
MTE	e LR	17:18:57.81		LZ	1.852	22	
MVO	i -	16:44:54.73		BZ			
	e LR	17:18:47.25		LZ	2.327	22	
PBAR	i -	16:44:58.52		BZ			
PCBR	i -	16:45:01.68		SZ			
PGAV	e LR	17:17:59.71		LZ	1.574	18	
PMRV	e LR	17:18:41.97		LZ	2.229	22	
PVAQ	e LR	17:20:27.61		LZ	3.003	22	
PVIS	i -	16:45:02.60		BZ			
PVRL	i -	16:45:01.39		SZ			

**25-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PBAR	e Sn	17:00:53.69		HN	0.002	0.7	
	e Sg	17:01:04.01		HE			
PESTR	e Sn	17:01:06.80		HE	0.002	0.8	
	e Sg	17:01:24.54		HE			
PVAQ	e Sg	17:01:21.37		HN			
PMRV	e Sg	17:01:24.48		HN	0.003	0.6	

**25-Fev Ho 17:44:43.9 Distante (NEIC) MW 7.5**  
**Lat 06.068°S Lon 142.768°E Prof 23**  
**Região: New Guinea, Papua New Guinea**

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PBRG	e PKPdf	18:04:02.62		BZ			
	e PP	18:06:47.57		BZ			
MVO	e PKPdf	18:04:03.51		BZ			
	e PP	18:07:07.35		BZ			
	e SS	18:25:15.00		LE			
	e LQ	18:42:26.17		LN			
	e LR	18:51:11.98		LZ	154.0	20	
PGAV	e PKPdf	18:04:03.92		BZ			
	e PP	18:07:03.12		BZ			
	e SS	18:25:09.83		LE			
	e LQ	18:41:42.57		LN			
	e LR	18:50:52.44		LZ	88.17	20	
POLO	e PKPdf	18:04:04.54		BZ			
	e PP	18:07:05.01		BZ			
PVRL	e PKPdf	18:04:04.59		SZ			
	e PP	18:07:16.02		SZ			
PVIS	e PKPdf	18:04:06.07		BZ			
	e PP	18:07:12.85		BZ			
MTE	e PKPdf	18:04:06.25		BZ			
	e PP	18:07:05.74		BZ			
	e SS	18:24:36.01		LE			
	e LQ	18:42:42.30		LE			
	e LR	18:49:24.92		LZ	180.0	20	
PCBR	e PKPdf	18:04:06.29		SZ			
	e PP	18:06:51.37		SZ			
PMRV	e PKPdf	18:03:54.18		BZ			
	e PP	18:07:11.62		BZ			
	e SS	18:25:07.87		LN			







PVRL	e S	00:02:28.53	SE	0.005	0.2
POLO	e S	00:02:30.06	HE		
MVO	e S	00:02:36.73	HN		
PMRV	e P	00:02:20.03	HZ		
	e S	00:02:36.57	HN		
PCAB	e S	00:02:38.78	HE		
PMTG	e S	00:02:39.27	HE		
PGAV	e S	00:02:44.55	HN		
PESTR	e Sn	00:02:48.78	HE		
PBRG	e Sg	00:02:55.44	HE		

PMRV	e PKPab	05:38:10.11	BZ		
PSBE	e PKPab	05:38:10.98	BZ		
PESTR	e PKPab	05:38:12.97	BZ		
PMAFR	e PKPab	05:38:13.48	BZ		
	i -	05:38:34.57	BZ		
EVO	e PKPab	05:38:14.79	BZ		
PBAR	e PKPab	05:38:15.79	BZ		
PBEJ	e PKPab	05:38:17.28	SZ		
MESJ	e PKPab	05:38:18.63	BZ		
	e pPKPdf	05:38:23.74	BZ		
PCVE	e PKPab	05:38:19.15	BZ		
PVAQ	e PKPab	05:38:19.84	BZ		

**27-Fev Ho 00:56:42.1 ML 1.6**  
**Lat 42.118°N Lon 07.778°W Prof 3**  
**Região: SE Ourense (ESP) Rms 0.3**  
**AxMax 2.2 AxMin 1.6 Ang 84 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pg	c 00:56:49.41		HZ	0.021	0.1
	e Sg	00:56:55.14		HN		
PCAB	e P	c 00:56:50.33		HZ	0.043	0.2
	e Sg	00:56:56.44		HN		
POLO	e P	00:56:55.70		HZ	0.004	0.2
	e S	00:57:05.51		HN		
PBRG	e P	00:56:57.52		HZ		
	e S	00:57:08.72		HE		
PVRL	e P	00:56:57.59		SZ	0.021	0.1
	e S	00:57:09.08		SE		
MVO	e P	00:57:02.55		HZ	0.017	0.3
	e S	00:57:17.30		HN		
PVIS	e Pg	00:57:07.80		HZ	0.010	0.1
	e Sn	00:57:26.44		HE		
MTE	e Pg	00:57:13.30		HZ		
	e Sg	00:57:36.27		HN		
PCAS	e Sg	00:57:49.82		HE		
PCBR	e Sg	00:57:54.78		EN		
PMRV	e Sn	00:57:56.47		HE	0.002	0.6
	e Sg	00:58:08.18		HE		

**27-Fev Ho 01:58:36.0 ML 1.2**  
**Lat 42.117°N Lon 07.770°W Prof 0**  
**Região: SE Ourense (ESP) Rms 0.3**  
**AxMax 2.3 AxMin 1.6 Ang 81 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pg	01:58:43.38		HZ	0.008	0.4
	e Sg	01:58:48.75		HE		
PCAB	e Pg	01:58:44.24		HZ	0.028	0.2
	e Sg	01:58:50.33		HN		
POLO	e P	01:58:49.67		HZ	0.001	0.2
	e S	01:58:59.38		HE		
PBRG	e P	01:58:50.37		HZ		
	e S	01:59:02.20		HN		
PVRL	e P	01:58:51.82		SZ	0.009	0.1
	e S	01:59:02.97		SE		
MVO	e P	01:58:56.69		HZ	0.005	0.1
	e S	01:59:11.30		HE		
PVIS	e P	01:59:01.96		HZ	0.004	0.3
	e Sn	01:59:20.39		HE		
MTE	e Sg	01:59:30.02		HN		
PCAS	e Sg	01:59:44.21		HN		

**27-Fev Ho 05:17:58.3 Distante (NEIC) MW 5.5**  
**Lat 18.852°S Lon 169.294°E Prof 196**  
**Região: Vanuatu Islands**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e PKPab	05:37:59.90		BZ		
PGAV	e PKPab	05:38:00.10		BZ		
POLO	e PKPab	05:38:02.24		BZ		
PVRL	e PKPab	05:38:02.23		SZ		
MVO	e PKPab	05:38:02.85		BZ		
	e pPKPdf	05:38:19.42		BZ		
PTO	e PKPab	05:38:03.95		SZ		
	e pPKPdf	05:38:21.11		SZ		
PVIS	e PKPab	05:38:05.28		BZ		
MTE	e PKPab	05:38:06.72		BZ		
COI	e PKPab	05:38:08.33		BZ		
PCAS	e PKPdf	05:37:32.49		BZ		
	e PKPab	05:38:08.13		BZ		
PCBR	e PKPdf	05:37:31.12		SZ		
	e PKPab	05:38:08.32		SZ		

**27-Fev Ho 11:58:04.6 ML 1.5**  
**Lat 36.376°N Lon 08.997°W Prof 6**  
**Região: S Cabo S.Vicente Rms 0.3**  
**AxMax 18.6 AxMin 7.4 Ang 85 ErrZ 7**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	11:58:18.64		HZ	0.012	0.7
	e S	11:58:29.23		HE		
MORF	e P	11:58:22.32		HZ	0.007	0.1
	e S	11:58:35.06		HE		
PTEO	e P	11:58:26.37		EZ	0.009	0.8
	e S	11:58:40.91		EN		
PBDV	e P	11:58:26.81		HZ	0.003	0.4
	e S	11:58:43.32		HE		
PVAQ	e P	11:58:28.91		HZ	0.002	0.1
	e S	11:58:48.45		HE		
PCVE	e P	11:58:30.05		HZ		
	e S	11:58:47.39		HE		
MESJ	e S	11:58:51.80		HN	0.003	0.8
PNCL	e S	11:58:56.49		HE	0.004	0.5
PMTG	e S	11:59:19.07		HE		

**27-Fev Ho 15:11:29.7 ML 1.8**  
**Lat 36.475°N Lon 09.847°W Prof 32**  
**Região: SW Cabo S.Vicente Rms 0.4**  
**AxMax 14.9 AxMin 6.9 Ang 68 ErrZ 20**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	d 15:11:46.47		HZ	0.015	1.2
	e S	15:11:59.43		HE		
MORF	e P	15:11:49.58		HZ	0.006	0.1
	e S	15:12:04.90		HN		
PTEO	e S	15:12:08.21		EN	0.009	1.1
PBDV	e P	15:11:56.06		HZ	0.002	0.2
	e S	15:12:16.35		HE		
PCVE	e P	15:11:58.04		HZ	0.003	0.7
	e S	15:12:20.48		HE		
MESJ	e P	15:11:58.18		HZ	0.004	1.0
	e S	15:12:19.61		HN		
PNCL	e P	15:11:58.64		HZ	0.003	0.1
	e S	15:12:20.94		HN		
PVAQ	e P	15:11:59.04		HZ	0.004	0.8
	e S	15:12:20.86		HE		
EVO	e S	15:12:34.60		HN		
PMAFR	e S	15:12:35.16		HE		
PBAR	e P	15:12:11.44		HZ	0.003	0.8
	e S	15:12:42.68		HN		
PMTG	e P	15:12:12.19		HZ	0.003	0.8
	e S	15:12:43.22		HE		
PESTR	e S	15:12:46.12		HE		
PMRV	e S	15:12:58.70		HN	0.002	0.5

**27-Fev Ho 23:58:59.2 ML 1.9**  
**Lat 44.386°N Lon 08.756°W Prof 16**  
**Região: Mar Cantábrico Rms 0.3**  
**AxMax 12.5 AxMin 4.4 Ang 86 ErrZ 7**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pn	23:59:37.91		HZ	0.004	0.2
	e Sg	24:00:14.04		HE		
PBRG	e Pn	23:59:44.63		HZ	0.003	1.0
POLO	e Pn	23:59:46.27		HZ		
	e Sg	24:00:34.60		HE		
MVO	e Pn	23:59:51.61		HZ		

**28-Fev Ho 00:07:27.2 ML 1.9**  
**Lat 36.467°N Lon 04.891°W Prof 66**  
**Região: Alboran Rms 0.3**  
**AxMax 3.4 AxMin 2.3 Ang 154 ErrZ 9**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	00:08:04.01		HZ		
	e S	00:08:32.05		HN		
PVAQ	e P	00:08:04.34		HZ	0.003	0.4
	e S	00:08:32.43		HN		
PBDV	e P	00:08:06.17		HZ		
	e S	00:08:34.86		HN		
MESJ	e S	00:08:45.49		HN		
EVO	e P	00:08:15.80		HZ		
PNCL	e P	00:08:16.54		HZ		
	e S	00:08:54.47		HE		

**28-Fev Ho 02:45:45.4 Distante (NEIC) MW 6.1**  
**Lat 06.170°S Lon 142.468°E Prof 16**  
**Região: New Guinea, Papua New Guinea**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e SS	03:25:46.78		LE		
	e LQ	03:53:38.48		LE		
	e LR	03:56:49.71		LZ	4.069	18
PGAV	e SS	03:25:57.92		LN		
	e LQ	03:55:15.04		LN		
	e LR	04:00:49.26		LZ	2.581	22
MTE	e SS	03:26:06.28		LE		
	e LQ	03:54:05.41		LE		
	e LR	03:57:05.04		LZ	3.309	20
PCBR	e PKPdf	03:05:10.11		SZ		
PMRV	e SS	03:25:58.90		LN		
	e LQ	03:54:27.52		LE		
	e LR	03:56:32.29		LZ	3.291	20
PESTR	e PKPdf	03:05:15.72		BZ		
PBAR	e PKPdf	03:05:15.70		BZ		
EVO	e -	03:05:19.44		BZ		
MESJ	e PKPdf	03:05:15.54		BZ		
PVAQ	e SS	03:26:25.41		LE		
	e LQ	03:55:10.56		LE		
	e LR	03:58:58.96		LZ	3.133	20
PFVI	e PKPdf	03:05:15.47		BZ		

**28-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e S	07:04:51.39		HE		
PBAR	e S	07:04:52.88		HE		

**28-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	10:59:19.70		HZ	0.007	0.7
	e S	11:00:00.79		HN		
PBAR	e S	11:00:02.45		HE	0.003	0.7

**28-Fev**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pg	11:54:52.51		HZ	0.005	0.5
	e Sg	11:54:59.51		HN		
MORF	e Sg	11:54:58.43		HE		
MESJ	e S	11:55:09.35		HN		
PNCL	e S	11:55:17.33		HE		
PBAR	e Sg	11:55:28.91		HE		

**28-Fev Ho 13:29:02.4 ML 2.2**  
**Lat 36.976°N Lon 08.749°W Prof 18**  
**Região: SW Lagos Rms 0.3**  
**AxMax 4.7 AxMin 2.8 Ang 77 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	i Pg	d 13:29:06.60		HZ	0.217	0.2
	e Sg	13:29:09.91		HN		
MORF	i Pg	c 13:29:09.29		HZ	0.098	0.2
	e Sg	13:29:14.30		HN		
PTEO	e Pg	13:29:12.88		EZ	0.105	0.2
	e Sg	13:29:20.54		EN		
PCVE	e P	13:29:17.83		HZ	0.024	0.7
	e S	13:29:30.08		HE		
PVAQ	e P	13:29:18.75		HZ	0.021	0.2
	e S	13:29:32.03		HE		
MESJ	e P	13:29:18.89		HZ	0.074	0.3
	e S	13:29:32.58		HN		
PNCL	e P	13:29:22.54		HZ	0.047	0.2
	e S	13:29:37.25		HN		
PBEJ	e P	13:29:23.91		EZ	0.014	0.3
	e S	13:29:40.95		EE		
EVO	e Sg	13:29:53.41		HE	0.025	0.1
PBAR	e Pn	13:29:31.52		HZ	0.006	0.4
	e Sg	13:29:59.57		HE		
PMAFR	e Sg	13:30:05.10		HN		
PESTR	e Sg	13:30:07.20		HN	0.008	0.8
PMTG	e Pn	13:29:35.50		HZ	0.018	0.1
	e Sn	13:29:59.89		HE		
	e Sg	13:30:06.41		HE		
PMRV	e Pn	13:29:42.49		HZ	0.008	0.6
	e Sn	13:30:13.44		HE		
	e Sg	13:30:24.55		HE		

Nota- Hipocentros dos sismos distantes determinados por:  
 NEIC - National Earthquake Information Center (EUA)  
 IPMA - Instituto Portugues do Mar e da Atmosfera

# CARTA DE EPICENTROS - Zona Ibérica e Atlântica Adjacente Fevereiro 2018



