

**BOLETIM
SISMOLÓGICO
PRELIMINAR
DO CONTINENTE E
MADEIRA**

Boletim Sismológico Preliminar do Continente e Madeira
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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 (μm) 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

Estação	Local	Sensor/Dinam	Canais	Latitude	Longitude	Alt	Org
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° 97.18'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	

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	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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 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	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PTEO	e P	02:31:26.28		EZ	
	e S	02:31:29.34		EE	
PNCL	e P	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 03:40:37.6			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	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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 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									
<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	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									
<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 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		HZ					
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					
PSSE	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									
<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 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									
<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 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				
<hr/>									
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	
<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	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					
<hr/>									
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	
<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 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					
<hr/>									
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	
<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 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	
<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	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)			
	Lat	53.330°N	Lon	34.980°W		Prof 131			
	Região: Reykjanes 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>		
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)			
	Lat	53.154°N	Lon	35.178°W		Prof 10			
	Região: Reykjanes 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>		
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				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
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
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
MVO	e LR	12:50:26.88		LZ
PGAV	e LR	12:50:52.38		LZ

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				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
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	<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 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				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
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	ML 2.4
	Lat	40.315°N	Prof 14
	Lon	02.927°W	Rms 0.4
Região: SE Guadalajara (ESP)			
	AxMax	1.8	Ang 159
	AxMin	1.4	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
MVO	e Pn	04:32:02.33	
	e Sg	04:32:53.59	
PBRG	e Pn	04:32:03.19	

	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	04:33:10.40	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	04:33:26.15	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	04:33:05.97	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	ML 0.9
	Lat	38.781°N	Prof 10
	Lon	07.981°W	Rms 0.3
Região: NE Arraiolos			
	AxMax	2.4	Ang 97
	AxMin	1.1	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
EVO	i Pg	04:43:13.34	
	e Sg	04:43:17.05	
PESTR	e Pg	04:43:14.28	
	e Sg	04:43:18.83	
PMTG	e Pg	04:43:14.80	
	e Sg	04:43:19.95	
PBEJ	e S	04:43:32.28	
PMRV	e P	04:43:22.99	
	e S	04:43:33.72	
PNCL	e P	04:43:24.13	
	e S	04:43:33.93	
PBAR	e S	04:43:39.06	
MESJ	e P	04:43:26.63	
	e S	04:43:38.36	
PCBR	e S	04:43:43.80	
PCVE	e P	04:43:29.62	
	e S	04:43:44.04	
PTEO	e S	04:43:51.27	

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

	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

<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	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

<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 Pg	d 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

<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	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

<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	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

<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	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

<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	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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PCAB	e Pg	c 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		

04-Fev

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		H2		
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

<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 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

<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 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

<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 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

<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 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

<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 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		

<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	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		

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MVO	e Pg	23:59:23.32		HZ	0.013	0.1
	e Sg	23:59:24.29		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>
PVAQ	e Sn	03:35:54.05		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 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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
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

PFVI	e Sg	09:20:43.61	EE				MESJ	e Pn	04:06:06.30	HZ	0.008	0.6			
	e Pg	09:20:39.35	HZ	0.009	0.8			e Sn	04:07:00.48	HN					
	e Sg	09:20:43.57	HE				PCBR	e Pn	04:06:06.62	EZ	0.011	0.7			
PBDV	e Sg	09:20:50.11	HE	0.005	1.0			e Sn	04:07:01.53	EN					
PCVE	e Pg	09:20:43.40	HZ					e Sg	04:07:25.29	EN					
	e Sg	09:20:50.32	HN				PMTG	e Pn	04:06:09.88	HZ	0.013	0.8			
PVAQ	e Pg	09:20:46.12	HN					e Sn	04:07:06.31	HE					
	e Sg	09:20:54.82	HE					e Sg	04:07:34.54	HN					
PNCL	e P	09:20:48.38	HZ	0.004	0.7		PNCL	e Pn	04:06:10.55	HZ	0.005	0.9			
	e S	09:20:58.58	HN					e Sn	04:07:07.27	HN					
PBAR	e S	09:21:16.92	HN				MTE	e Sg	04:07:35.60	HN	0.014	0.6			
<hr/>															
05-Fev	Ho	09:29:50.0	Distante (IPMA)				PTEO	e Pn	04:06:12.25	EZ					
	Lat	53.490°N	Lon	35.510°W	Prof	10		e Sn	04:07:11.51	EN					
	Região: Reykjanes Ridge														
Est	Fase	P h:m:s	Dur	Co	Amp	Per	PFVI	e Sn	04:07:13.71	HE					
PGAV	e LR	09:39:46.09		LZ	1.387	18	MVO	e Pn	04:06:13.78	HZ	0.008	0.6			
PBRG	e P	09:34:49.50		BZ	0.118	1.6		e Sn	04:07:12.36	HN					
PCAS	e P	09:34:51.65		BZ	0.093	1.7	PCAS	e Pn	04:06:18.09	HZ	0.013	0.5			
MVO	e P	09:34:49.54		BZ	0.108	1.5		e Sn	04:07:20.42	HN					
	e LR	09:40:19.47		LZ	1.270	20	PSBE	e Pn	04:06:18.03	HZ	0.013	0.6			
MTE	e LR	09:40:31.83		LZ	1.291	20		e Sn	04:07:21.46	HN					
PCBR	e P	09:34:57.49		SZ	0.134	1.5	COI	e Pn	04:06:18.14	HZ					
PMRV	e P	09:35:02.09		BZ	0.047	2.1	PBRG	e Pn	04:06:18.43	HZ	0.005	0.7			
	e LR	09:40:30.53		LZ	1.394	20		e Sn	04:07:20.90	HE					
							PMAFR	e Pn	04:06:20.65	HZ					
								e Sn	04:07:25.52	HE					
<hr/>															
05-Fev	Ho	11:49:33.5	ML 1.3				06-Fev	Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	Lat	36.947°N	Lon	08.144°W	Prof	0*		PVAQ	e P	06:37:49.11		HE			
	Região: SE Albufeira				Rms	0.2			e S	06:37:59.67		HE			
	AxMax	3.6	AxMin	2.3	Ang	149	ErrZ	0	PBDV	e S	06:37:57.50		HE		
Est	Fase	P h:m:s	Dur	Co	Amp	Per		PCVE	e S	06:38:07.51		HN	0.004	0.8	
PBDV	e Pg	11:49:39.64		HZ	0.015	0.5		MESJ	e S	06:38:12.30		HE			
	e Sg	11:49:44.13		HN				PTEO	e S	06:38:13.07		EN			
PVAQ	e Pg	11:49:44.02		HN			06-Fev	Ho	07:01:27.9	ML 2.3					
	e Sg	11:49:51.76		HE				Lat	36.912°N	Lon	03.814°W	Prof	14		
PFVI	e Pg	11:49:43.94		HZ	0.008	0.5		Região: SW Granada (ESP)				Rms	0.4		
PCVE	e P	11:49:45.05		HZ				AxMax	4.3	AxMin	3.3	Ang	27	ErrZ	7
MESJ	e P	11:49:49.92		HZ	0.003	0.7	Est	Fase	P h:m:s	Dur	Co	Amp	Per		
	e S	11:50:02.17		HN			PBAR	e Pg	07:02:15.91		HZ	0.006	0.8		
PNCL	e S	11:50:09.32		HN			PVAQ	e Pn	07:02:18.35		HN				
PBAR	e S	11:50:19.71		HE				e Sn	07:02:55.46		HE				
<hr/>															
06-Fev	Ho	01:11:31.4	ML 1.7				PBEJ	e Sn	07:02:59.16	EN					
	Lat	35.410°N	Lon	03.777°W	Prof	18*	PCVE	e Pn	07:02:25.04	HZ	0.006	0.6			
	Região: NE Al Hoceima (MARR)				Rms	0.3		e Pg	07:02:27.47	HZ					
	AxMax	7.9	AxMin	5.3	Ang	15	ErrZ	0	PESTR	e Pn	07:02:24.07	HZ	0.008	1.0	
Est	Fase	P h:m:s	Dur	Co	Amp	Per		e Sg	07:03:22.02	HN					
PVAQ	e S	01:13:11.42		HE			MESJ	e Pn	07:02:25.11	HZ	0.004	0.5			
PBAR	e P	01:12:30.32		HZ				e Sn	07:03:06.05	HE					
	e S	01:13:13.13		HE			EVO	e Pn	07:02:26.14	HZ	0.005	0.5			
MESJ	e P	01:12:37.05		HZ				e Sn	07:03:05.18	HE					
PNCL	e P	01:12:42.37		HZ			PMRV	e Pn	07:02:27.32	HZ	0.006	0.7			
<hr/>															
06-Fev	Ho	04:04:54.1	ML 2.8					e Sn	07:03:07.64	HE					
	Lat	37.338°N	Lon	02.095°W	Prof	12		e Sg	07:03:26.51	HN					
	Região: SE Almeria (ESP)				Rms	0.4	PNCL	e Pn	07:02:28.70	HZ					
	AxMax	2.0	AxMin	1.8	Ang	127	ErrZ	3	PTEO	e Sn	07:03:15.89	EE			
Est	Fase	P h:m:s	Dur	Co	Amp	Per		PSBE	e Pn	07:02:41.50	HZ				
PBAR	e Pn	04:05:54.22		HZ	0.010	0.6	PCAS	e Sn	07:03:33.97	HN					
	e Sn	04:06:40.05		HE			MVO	e Pn	07:02:42.12	HZ	0.006	0.5			
PVAQ	e Pn	04:06:00.72		HE				e Sn	07:03:36.56	HN					
	e Sn	04:06:50.95		HN			POLO	e Pn	07:02:49.19	HZ					
PESTR	e Pn	04:06:02.90		HZ	0.016	0.6	<hr/>								
	e Sn	04:06:53.95		HE			06-Fev	Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	e Sg	04:07:16.88		HE				PBAR	e Sn	07:17:34.13		HN	0.002	0.6	
PBEJ	e Pn	04:06:03.23		EZ	0.005	0.7			e Sg	07:17:45.53		HE			
	e Sn	04:06:54.46		EN			PMRV	e Sg	07:18:03.53		HN				
PBDV	e Pn	04:06:03.31		HZ	0.008	0.7	06-Fev	Ho	09:22:27.3	ML 1.4					
	e Sn	04:06:55.98		HE				Lat	39.549°N	Lon	08.365°W	Prof	2*		
PMRV	e Pn	04:06:03.78		HZ	0.017	0.5		Região: SE Tomar				Rms	0.3		
	e Sn	04:06:55.43		HE				AxMax	2.9	AxMin	1.8	Ang	73	ErrZ	0
PCVE	e Pn	04:06:04.62		HZ	0.008	0.5	Est	Fase	P h:m:s	Dur	Co	Amp	Per		
	e Sn	04:06:57.56		HE			PSBE	e Pg	09:22:33.41		HZ	0.014	0.5		
EVO	e Pn	04:06:06.54		HZ	0.008	0.4		e Sg	09:22:38.20		HN				
	e Sn	04:06:58.93		HE			PMTG	e Pq	09:22:36.35		HZ	0.005	0.1		
	e Sg	04:07:26.57		HN											

	e Sg	09:22:43.02	HN				
PCAS	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

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
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

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
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

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
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 Prof 9
Região: Taiwan

Est	Fase	P h:m:s	Dur	Co	Amp	Per	
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			
	e S	16:15:52.76		LN			
PVAQ	e SS	16:23:50.86		LN			

PCVE	e Pdif	16:04:49.22	BZ			
	e PP	16:09:01.72	BZ			
PSES	e PP	16:09:01.67	BZ			
PBDV	e PP	16:09:02.86	BZ			
MORF	e PP	16:09:05.22	BZ			
PFVI	e PP	16:09:08.76	BZ			
PMPST	e PP	16:10:04.63	BZ			
PMAR	e PP	16:10:06.42	BZ			
PMOZ	e PP	16:10:06.98	BZ			
	e LQ	16:43:16.27	LE			
	e LR	16:49:48.36	LZ	12.58	18	

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	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		

PCVE	e Pg	01:25:11.79	HZ	0.003	0.6
	e Sg	01:25:19.21	HE		
MESJ	e Pg	01:25:13.19	HZ	0.009	0.6
	e Sg	01:25:21.57	HE		
PVAQ	e Pg	01:25:14.23	HN		
	e Sg	01:25:23.27	HE		
PNCL	e P	01:25:16.87	HZ	0.002	0.4
	e S	01:25:27.56	HN		
PBEJ	e S	01:25:30.40	EN		
EVO	e Sn	01:25:41.49	HN		
	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		

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		

PESTR	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
<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	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	
PSER	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			
PMFR	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
<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	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					
<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 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			

PMFR	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				
PSER	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
<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 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
<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	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			
PSER	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			
PMFR	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	

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

<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 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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
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

<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	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: Gorringer Rms 0.4
AxMax 23.2 AxMin 6.3 Ang 85 ErrZ 24

<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	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		
PSSES	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: Gorringer Rms 0.4
AxMax 14.0 AxMin 3.9 Ang 64 ErrZ 19

<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	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		
PSSES	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

<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	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

	e	S	02:17:50.57	HN						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						09-Fev	Ho	05:37:50.1				ML	2.8	
PSBE	e	P	02:17:48.94	HZ								Lat	36.644°N		Lon	09.714°W	Prof	31
	e	S	02:18:24.06	HE														
PMRV	e	P	02:17:49.98	HZ	0.006	0.4						Região: SW Cabo S.Vicente				Rms	0.3	
	e	S	02:18:27.46	HE								AxMax	4.2	AxMin	2.7	Ang	62	ErrZ
PCBR	e	P	02:17:55.95	EZ	0.005	0.2				Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
	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			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			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			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			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			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			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			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			HE			
										PSES	e	P		05:38:18.14	HZ	0.067	0.2	
											e	S			HN			
09-Fev	Ho	03:10:38.4					ML	0.9		PBEJ	e	P	c	05:38:20.23	EZ	0.021	0.2	
	Lat	38.770°N		Lon	07.972°W		Prof	11			e	S			EN			
											e	S			HZ	0.050	0.1	
										GGNV	e	P		05:38:21.93	HZ			
											e	S			HE			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per			EVO	e	P		05:38:24.34	HZ	0.048	0.1	
EVO	e	P	03:10:43.18		HZ	0.040	0.1				e	S			HN			
	e	S	03:10:46.75		HN					PMAFR	e	P		05:38:24.61	HZ	0.146	0.2	
PESTR	e	S	03:10:48.87		HN						e	S			HN			
PMTG	e	S	03:10:50.04		HE	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			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			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			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			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			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			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			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			HN			
09-Fev	Ho	03:10:24.6					ML	0.7		PTO	e	S		05:39:44.50	SE	0.027	0.3	
	Lat	38.767°N		Lon	07.951°W		Prof	7		PVRL	e	P		05:38:59.63	SZ	0.037	0.6	
											e	S			SE			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per			POLO	e	P		05:39:00.46	HZ	0.004	0.4	
EVO	e	P	c	03:10:29.20		HZ	0.029	0.1			e	S			HE			
	e	S		03:10:32.80		HN				MVO	e	P		05:39:00.80	HZ	0.011	0.4	
PESTR	e	P		03:10:30.34		HZ					e	S			HE			
	e	S		03:10:34.75		HN				PCAB	e	P		05:39:04.18	HZ	0.015	0.2	
PMTG	e	P		03:10:30.95		HZ	0.002	0.1			e	S			HE			
	e	S		03:10:36.20		HE				PGAV	e	P		05:39:07.08	HZ	0.008	0.2	
PBEJ	e	S		03:10:47.98		EE	0.002	0.7			e	S			HN			
PMRV	e	P		03:10:39.21		HZ				PBRG	e	P		05:39:10.10	HZ	0.006	0.2	
	e	S		03:10:50.00		HE					e	S			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

<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 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		
PVRL	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		
PSSES	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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
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

<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	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
PSSES	e P	14:18:11.56		BZ	0.434	1.4
POLO	e P	14:18:11.26		BZ	0.036	1.2
PVRL	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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
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

<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	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	09-Fev	Ho	19:55:15.2	Distante (NEIC)	MB 5.2
	e S	16:59:46.34	HE				Lat 51.619°N	Lon 177.367°E	Prof 44	
MORF	e P	16:58:49.26	HZ	0.008	0.2	Região: Rat Islands, Aleutian Islands				
	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>
PBAR	e P	16:58:52.44	HZ	0.007	0.3	PBRG	e P	20:07:54.46	BZ	<i>Amp Per</i>
	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	20:07:58.04	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			09-Fev				
PMRV	e S	17:00:21.45	HE	0.006	0.4	Ho	21:28:51.9	ML 2.0		
PCBR	e P	16:59:15.76	EZ	0.003	0.6	Lat 35.774°N	Lon 10.339°W	Prof 32		
	e S	17:00:31.06	EN			Região: Mar de Marrocos				
MVO	e P	16:59:32.30	HZ			AxMax 13.0	AxMin 5.4	Ang 71	Rms 0.4	
POLO	e P	16:59:36.81	HZ			ErrZ 15				
09-Fev						<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
						PFVI	e P	21:29:19.47	HZ	<i>Amp Per</i>
							e S	21:29:39.76	HE	
						MORF	e P	21:29:22.60	HZ	0.009 0.2
							e S	21:29:45.37	HE	
						PTEO	e P	21:29:24.67	EZ	0.007 0.6
							e S	21:29:49.12	EN	
						PBDV	e P	21:29:28.22	HZ	0.003 0.6
							e S	21:29:54.86	HN	
						PCVE	e P	21:29:31.04	HZ	0.003 0.2
							e S	21:29:59.94	HN	
						PVAQ	e P	21:29:31.28	HN	
							e S	21:30:00.18	HE	
						MESJ	e P	21:29:31.15	HZ	0.003 0.7
							e S	21:30:00.70	HE	
						PNCL	e P	21:29:32.22	HZ	0.003 0.4
							e S	21:30:02.23	HE	
						PSES	e S	21:30:04.66	HE	
						PBEJ	e S	21:30:08.08	EN	0.003 0.2
						PMAFR	e P	21:29:39.58	HZ	
							e S	21:30:14.71	HE	
						EVO	e P	21:29:39.64	HZ	0.005 0.2
							e S	21:30:15.94	HN	
						PBAR	e P	21:29:43.79	HZ	0.002 0.3
							e S	21:30:22.21	HN	
						PMTG	e P	21:29:45.39	HZ	0.002 0.1
							e S	21:30:24.49	HE	
						PESTR	e S	21:30:27.19	HE	
						PMRV	e P	21:29:53.61	HZ	0.002 0.2
							e S	21:30:39.73	HN	
						PCAS	e S	21:30:44.91	HN	
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>
						PGAV	e PKPab	24:18:50.91	BZ	<i>Amp Per</i>
						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	
						PSES	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		
PSSES	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	
<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 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							
<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 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						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PNCL	e P	04:23:31.77		BZ			

MESJ	e P	04:23:33.43	BZ				
PCVE	e P	04:23:33.30	BZ				
PMTG	e P	04:23:35.91	BZ				
PCAS	e P	04:23:37.49	BZ				
PESTR	e P	04:23:38.04	BZ				
COI	e P	04:23:38.36	BZ				
PBAR	e P	04:23:38.26	BZ	0.047	1.9		
PMRV	e P	04:23:38.62	BZ				
MTE	e P	04:23:41.35	BZ				
MVO	e P	04:23:44.61	BZ	0.066	1.4		

11-Fev	Ho	05:32:12.5			ML 2.0		
	Lat	36.575°N	Lon	12.678°W	Prof 10*		
	Região: Gorringer				Rms 0.5		
	AxMax	6.3	AxMin	4.3	Ang 92	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	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	
PSER	e Pn	05:33:00.85		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	
<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	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	

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			
11-Fev	Ho	10:14:56.8						PCVE	e P	11:57:26.40	HZ	0.001	0.1	
	Lat	37.046°N	Lon	13.758°W				PBDV	e P	11:57:28.92	HZ	0.003	0.9	
	Região:	Josephine							e S	11:58:17.39	HN			
	AxMax	9.9	AxMin	7.3	Ang	99	ErrZ	0	PMTG	e P	11:57:28.16	HZ	0.003	0.7
Est	Fase	P h:m:s	Dur	Co	Amp	Per			e S	11:58:17.29	HN			
PSES	e P	10:15:51.07		HZ				EVO	e P	11:57:28.60	HZ	0.003	0.2	
	e S	10:16:31.27		HN					e S	11:58:16.97	HE			
PFVI	e P	10:15:50.90		HZ				PVAQ	e P	11:57:31.07	HE			
PMAFR	e P	10:15:52.70		HZ	0.009	0.7			e S	11:58:20.67	HE			
	e S	10:16:34.26		HN				PCAS	e P	11:57:31.07	HZ	0.001	0.2	
PTEO	e P	10:15:52.64		EZ					e S	11:58:22.72	HE			
	e S	10:16:33.77		EN				PESTR	e P	11:57:30.46	HZ	0.001	0.2	
PNCL	e P	10:15:55.59		HZ	0.001	0.2			e S	11:58:27.62	HN			
	e S	10:16:40.57		HE				PBAR	e S	11:58:34.51	HN	0.001	0.1	
MESJ	e P	10:15:58.93		HZ				PMRV	e P	11:57:38.46	HZ			
	e S	10:16:46.12		HE					e S	11:58:34.58	HN			
EVO	e P	10:16:02.76		HZ				PCBR	e P	11:57:39.72	EZ	0.001	0.3	
PMTG	e P	10:16:02.94		HZ					e S	11:58:37.24	EN			
	e S	10:16:53.74		HE				PGAV	e P	11:57:50.52	HZ			
PVAQ	e S	10:16:53.08		HE					e S	11:58:54.44	HN			
PESTR	e P	10:16:09.08		HZ				MVO	e S	11:58:59.57	HN			
	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										

11-Fev	Ho	11:12:21.3											
	Lat	36.562°N	Lon	07.577°W									
	Região:	Golfo de Cádiz											
	AxMax	7.4	AxMin	4.2	Ang	62	ErrZ	5					
Est	Fase	P h:m:s	Dur	Co	Amp	Per							
PBDV	i P	d 11:12:35.09		HZ	0.004	0.1							
	e S	11:12:44.87		HN									
PVAQ	e P	11:12:36.72		HE									
	e S	11:12:47.61		HE									
PCVE	e P	11:12:40.81		HZ	0.002	0.2							
	e S	11:12:55.09		HE									
PFVI	e S	11:12:54.14		HN									
PTEO	e P	11:12:43.60		EZ									
	e S	11:12:59.82		EN									
MESJ	e P	11:12:44.05		HZ	0.004	0.9							
	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									

11-Fev	Ho	13:05:24.0	Distante (NEIC)	MB 4.4									
	Lat	42.610°N	Lon	19.920°E									
	Região:	Northwestern Balkan Region											
Est	Fase	P h:m:s	Dur	Co	Amp	Per							
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									

11-Fev	Ho	13:47:19.8											
	Lat	39.071°N	Lon	08.812°W									
	Região:	E Azambuja											
	AxMax	3.7	AxMin	2.6	Ang	135	ErrZ	0					
Est	Fase	P h:m:s	Dur	Co	Amp	Per							
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							

11-Fev	Ho	16:38:14.0	Distante (NEIC)	MW 5.4									
	Lat	20.910°S	Lon	179.120°W									
	Região:	Fiji Islands Region											
Est	Fase	P h:m:s	Dur	Co	Amp	Per							
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			
<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	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									
<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	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							
PSBS	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			
<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	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			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
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			
<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	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		
PSER	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
	e Sn	01:15:12.41	HE		
MESJ	e Pn	01:14:31.60	HZ	0.002	0.3
	e Sn	01:15:18.10	HN		
PFVI	e Pn	01:14:36.01	HZ		
	e Sn	01:15:16.60	HN		
PESTR	e Pn	01:14:38.15	HZ	0.003	0.7
	e Sn	01:15:25.73	HE		
PNCL	e Sn	01:15:25.29	HN	0.001	0.7
PMRV	e Pn	01:14:42.51	HZ		
	e Sn	01:15:36.33	HE		

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

Est	Fase	P h:m:s	Dur	Co	Amp	Per
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

Est	Fase	P h:m:s	Dur	Co	Amp	Per
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

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	13:23:32.76		HZ		
	e S	13:24:21.90		HN		
PVAQ	e P	13:23:35.12		HE		
	e S	13:24:20.18		HE		
PCVE	e P	13:23:39.40		HZ		
MESJ	e P	13:23:42.22		HZ		
	e S	13:24:35.78		HN		
PTEO	e P	13:23:47.26		EZ		
PNCL	e P	13:23:48.68		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

Est	Fase	P h:m:s	Dur	Co	Amp	Per
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

Est	Fase	P h:m:s	Dur	Co	Amp	Per
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	

14-Fev						
<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

13-Fev	Ho	21:52:27.8	ML 0.5			
	Lat	37.264°N	Lon	07.919°W	Prof	3*
	Região: NW S.Brás de Alportel				Rms	0.2
	AxMax	1.9	AxMin	1.4	Ang	116
					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>
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		

13-Fev	Ho	22:14:55.1	ML 2.5			
	Lat	30.248°N	Lon	09.195°W	Prof	25*
	Região: Morocco				Rms	0.5
	AxMax	20.7	AxMin	13.4	Ang	34
					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 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		

14-Fev	Ho	00:05:30.3	Distante (NEIC)	MB 5.5		
	Lat	05.998°S	Lon	133.803°E	Prof	10
	Região: Aru Islands Region, Indonesia					
<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		

14-Fev	Ho	03:59:16.5	ML 2.3			
	Lat	42.692°N	Lon	02.192°W	Prof	17
	Região: NE Logrones (ESP)				Rms	0.4
	AxMax	3.4	AxMin	2.2	Ang	146
					ErrZ	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>
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		

14-Fev	Ho	04:29:14.2	ML 1.8			
	Lat	37.879°N	Lon	03.157°W	Prof	13
	Região: NW Almeria (ESP)				Rms	0.4
	AxMax	4.2	AxMin	3.6	Ang	98
					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>
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		

14-Fev	Ho	05:33:14.2	ML 2.5			
	Lat	37.872°N	Lon	03.243°W	Prof	15
	Região: NW Almeria (ESP)				Rms	0.5
	AxMax	2.5	AxMin	2.1	Ang	58
					ErrZ	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>
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		

	e	Sg	05:35:15.09	HN			
PMTG	e	Sn	05:35:00.59	HN	0.010	0.7	
	e	Sg	05:35:20.18	HN			
PNCL	e	Sn	05:35:04.39	HE	0.005	0.5	
	e	Sg	05:35:23.95	HN			
MTE	e	Pg	05:34:31.92	HZ	0.011	0.4	
	e	Sg	05:35:22.88	HN			
MORF	e	Pn	05:35:19.00	HZ	0.004	0.5	
	e	Sn	05:35:07.37	HN			
	e	Sg	05:35:29.18	HN			
PTEO	e	Sn	05:35:08.78	EE	0.010	0.7	
	e	Sg	05:35:29.07	EE			
MVO	e	Pn	05:34:20.09	HZ			
PFVI	e	Sn	05:35:11.99	HE			
PVIS	e	Sg	05:35:36.74	HN	0.005	0.6	
PCAS	e	Sn	05:35:14.30	HE	0.009	0.8	
	e	Sg	05:35:39.17	HN			
PSBE	e	Sn	05:35:14.62	HN	0.009	0.6	
	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
<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	05:47:07.37	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
<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	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			

	e	Sg	06:14:00.72	HN			
MESJ	e	Pn	06:13:11.71	HZ	0.003	0.6	
	e	Sn	06:13:48.43	HN			
EVO	e	Sn	06:13:50.67	HE	0.004	0.6	
	e	Sg	06:14:04.88	HE			
PMRV	e	Sg	06:14:07.22	HE	0.004	0.3	
MORF	e	Sn	06:13:55.64	HE	0.003	0.7	
	e	Sg	06:14:11.05	HN			
PNCL	e	Pn	06:13:15.24	HZ	0.003	0.5	
	e	Sn	06:13:56.39	HN			
PTEO	e	Sn	06:13:57.46	EN			
PMTG	e	Pn	06:13:17.90	HZ	0.003	0.7	
	e	Sn	06:14:00.27	HE			
	e	Sg	06:14:16.63	HE			
PCBR	e	Pn	06:13:19.49	EZ	0.003	0.6	
	e	Sn	06:14:01.11	EE			
MTE	e	Sg	06:14:31.81	HN	0.006	0.7	
PSBE	e	Sn	06:14:15.35	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
<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	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
<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	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			

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

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
	e S	05:06:58.60		HE		
MORF	e P	05:06:49.39		HZ		
	e S	05:07:04.34		HE		
PTEO	e S	05:07:07.54		EN		
PBDV	e P	05:06:55.38		HZ		
	e S	05:07:15.27		HE		
PCVE	e P	05:06:57.63		HZ		
	e S	05:07:19.37		HE		
MESJ	e P	05:06:57.67		HZ		
	e S	05:07:19.66		HN		
PVAQ	e P	05:06:58.66		HN		
	e S	05:07:20.13		HE		
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 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		
	e LR	08:43:26.79		LZ	1.274	18
PFVI	e P	08:34:41.70		BZ	0.094	1.5
	e LR	08:45:45.89		LZ		
MORF	e P	08:34:42.05		BZ	0.044	1.8
PBDV	e P	08:34:43.08		BZ	0.090	1.4
PTEO	A	08:34:57.53		EZ	0.182	1.5
PVAQ	e P	08:34:44.98		BZ	0.010	1.6
PCVE	e P	08:34:45.97		BZ	0.065	1.7
	e LR	08:46:27.32		LZ		
MESJ	e P	08:34:47.24		BZ	0.041	1.5
PNCL	e P	08:34:49.04		BZ	0.057	1.5
	e LR	08:46:00.78		LZ		
PBEJ	e P	08:34:49.47		EZ	0.069	1.5
PBAR	e P	08:34:51.86		BZ	0.033	1.8
	e LR	08:46:30.13		LZ	1.980	20
EVO	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
	e LR	08:47:13.06		LZ		
PMRV	e P	08:35:01.90		BZ	0.064	1.5
	e S	08:41:23.21		LN		
	e LR	08:48:12.55		LZ	1.419	20
PCAS	e P	08:35:04.79		BZ	0.188	1.6
PCBR	e P	08:35:04.53		SZ	0.023	1.7
MTE	e P	08:35:09.00		BZ	0.082	1.4
	e S	08:41:22.58		LN		
	e LR	08:48:57.62		LZ	1.936	16
PVIS	e P	08:35:10.76		BZ		
MVO	e P	08:35:15.81		BZ	0.090	1.6
	e LR	08:48:44.78		LZ	1.605	22
PGAV	e LR	08:48:12.55		LZ	2.418	18
PBRG	e P	08:35:20.89		BZ	0.069	1.6

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
	e S	12:55:05.80		HE		
PFVI	e P	12:54:54.54		HZ	0.012	0.5
	e S	12:55:10.04		HE		
PVAQ	e P	12:54:55.11		HN		

	e S	12:55:09.40	HE
MORF	e P	12:54:55.81	HZ 0.014 0.4
	e S	12:55:13.39	HE
PCVE	e P	12:54:58.35	HZ 0.007 1.2
	e S	12:55:15.07	HN
PTEO	e P	12:54:59.04	EZ 0.006 0.7
	e S	12:55:17.35	EN
MESJ	e Pn	12:55:01.73	HZ 0.007 0.2
	e Sn	12:55:20.63	HN
	e Sg	12:55:26.23	HN
PNCL	e Pn	12:55:05.36	HZ 0.006 0.2
	e Sn	12:55:28.14	HE
	e Sg	12:55:35.84	HE
PBAR	e Pn	12:55:07.21	HZ
	e Sn	12:55:30.80	HE
EVO	e Sn	12:55:37.14	HN
PESTR	e Pn	12:55:15.29	HZ 0.003 0.5
	e Sn	12:55:45.12	HE
	e Sg	12:55:56.88	HE
PMAFR	e Pn	12:55:19.57	HZ 0.013 0.6
	e Sn	12:55:51.83	HE
PMRV	e Pn	12:55:23.13	HZ
	e Sn	12:55:59.11	HE
PSBE	e Pn	12:55:25.44	HZ
MVO	e Pn	12:55:47.40	HZ

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
	e S	23:20:20.50		HN		
PVAQ	e P	23:20:09.57		HZ		
	e S	23:20:21.02		HN		
PCVE	e P	23:20:14.34		HZ	0.006	0.2
	e S	23:20:30.30		HE		
MORF	e P	23:20:16.32		HZ	0.009	0.1
	e S	23:20:32.59		HE		
PFVI	e S	23:20:33.71		HE	0.015	0.5
MESJ	e P	23:20:17.66		HZ	0.005	0.6
	e S	23:20:36.38		HE		
PBAR	e P	23:20:18.32		HZ	0.007	0.4
	e S	23:20:39.46		HE		
PTEO	e P	23:20:18.87		EZ	0.006	0.4
	e S	23:20:37.09		EN		
PNCL	e P	23:20:22.67		HZ	0.003	0.3
	e S	23:20:44.70		HN		
EVO	e S	23:20:49.15		HE	0.004	0.1
PESTR	e P	23:20:28.05		HZ	0.003	0.5
	e S	23:20:54.30		HE		
PMRV	e P	23:20:35.57		HZ	0.002	0.7
	e S	23:21:07.24		HE		
PSBE	e P	23:20:41.23		HZ		
PCBR	e P	23:20:41.37		EZ		
	e S	23:21:16.13		EE		

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		
	e pP	02:06:49.62		BZ		
PCVE	e P	02:06:38.42		BZ		
PCBR	e P	02:06:37.71		SZ	0.039	1.4

	e pP	02:06:49.49	SZ						e PP	23:53:58.30	BZ					
PBEJ	e P	02:06:38.14	SZ	0.020	1.3				PMPST	e P	23:51:14.39	BZ	0.863 1.9			
	e pP	02:06:52.03	SZ							e PP	23:54:04.82	BZ				
MVO	e P	02:06:38.56	BZ						PMAFR	e P	23:51:39.80	BZ	1.038 1.3			
PESTR	e P	02:06:38.21	BZ							e PP	23:54:45.44	BZ				
PBDV	e P	02:06:39.43	BZ						PTO	e P	23:51:40.39	SZ				
PMRV	e P	02:06:38.42	BZ						PGAV	e P	23:51:41.11	BZ	0.671 2.2			
	e pP	02:06:51.36	BZ							e PP	23:54:46.89	BZ				
PBRG	e P	02:06:38.71	BZ	0.050	1.7					e S	24:01:46.96	LN				
	e pP	02:06:51.96	BZ							e LQ	24:13:29.46	LN				
PVAQ	e P	02:06:39.60	BZ							e LR	24:15:57.36	LZ	104.0 20			
PBAR	e P	02:06:41.51	BZ	0.034	1.8				PSES	e P	23:51:42.72	BZ	2.007 1.6			
										e PP	23:54:44.36	BZ				
16-Fev	Ho	11:21:51.1	Distante (NEIC)		MB	4.4			PSBE	e P	23:51:42.23	BZ	0.840 1.7			
	Lat	39.825°N	Lon		15.406°E	Prof	282			e PP	23:54:58.28	BZ				
	Região: Southern Italy								PCAS	e P	23:51:43.29	BZ	1.893 1.4			
Est	Fase	P h:m:s	Dur	Co	Amp	Per				e PP	23:54:44.18	BZ				
PBRG	e P	11:25:31.13		BZ	0.033	1.7			COI	e P	23:51:43.08	BZ	1.104 1.7			
MVO	e P	11:25:32.26		BZ	0.035	1.9				e PP	23:54:32.74	BZ				
PBAR	e P	11:25:36.69		BZ	0.032	1.2			POLO	e P	23:51:43.19	BZ	0.287 1.3			
PMRV	e P	11:25:37.05		BZ	0.057	1.9				e PP	23:54:34.06	BZ				
PCBR	e P	11:25:39.81		SZ	0.018	1.8			PVIS	e P	23:51:43.58	BZ				
PVIS	e P	11:25:39.64		BZ						e PP	23:54:40.66	BZ				
PGAV	e P	11:25:43.00		BZ	0.080	1.9			PVRL	e P	23:51:43.70	SZ	0.510 1.4			
PBEJ	e P	11:25:45.03		SZ	0.015	1.1				e PP	23:54:48.53	SZ				
PVAQ	e P	11:25:45.38		BZ	0.006	1.1			PTEO	e P	23:51:43.87	SZ	1.334 1.4			
PCAS	e P	11:25:44.90		BZ					PFVI	e P	23:51:44.49	BZ	1.344 1.5			
PCVE	e P	11:25:45.58		BZ	0.030	2.0				e PP	23:54:46.15	BZ				
PBDV	e P	11:25:48.15		BZ	0.063	1.0			PNCL	e P	23:51:43.23	BZ	0.368 1.2			
MESJ	e P	11:25:45.87		BZ	0.035	2.0				e PP	23:54:47.00	BZ				
PTEO	e P	11:25:54.00		SZ	0.045	1.6			PMTG	e P	23:51:44.44	BZ	0.900 1.3			
PSES	e P	11:25:50.42		BZ	0.152	1.9			MORF	e P	23:51:45.16	BZ	0.492 1.6			
PMAFR	e P	11:25:52.83		BZ	0.118	1.3			MTE	e P	23:51:46.34	BZ	0.731 1.3			
										e PP	23:54:47.76	BZ				
16-Fev	Ho	20:37:24.6			ML	1.9				e S	24:01:52.84	LN				
	Lat	44.381°N	Lon		08.383°W	Prof	11			e LQ	24:13:22.76	LN				
	Região: Mar Cantábrico									e LR	24:16:20.77	LZ	99.68 24			
	AxMax	12.0	AxMin	5.8	Ang	96	ErrZ	8	MESJ	e P	23:51:46.45	BZ	0.638 1.6			
Est	Fase	P h:m:s	Dur	Co	Amp	Per				e PP	23:54:49.92	BZ				
PGAV	e Pn	20:38:01.45		HZ	0.006	0.4			EVO	e P	23:51:45.94	BZ	0.602 1.4			
	i -	20:38:08.31		HZ						e PP	23:54:48.33	BZ				
PCAB	e Sg	20:38:38.50		HN					PCBR	e P	23:51:47.03	SZ	1.006 1.3			
	e Pn	20:38:06.40		HZ	0.006	0.2			MVO	e P	23:51:46.55	BZ	0.808 1.4			
	i -	20:38:13.31		HZ						e PP	23:54:49.90	BZ				
	e Sg	20:38:47.54		HE						e S	24:01:56.96	LN				
PBRG	e Pn	20:38:09.38		HZ	0.005	0.6				e LQ	24:12:39.61	LN				
	e Sg	20:38:51.65		HE						e LR	24:16:44.17	LZ	86.18 20			
POLO	e Pn	20:38:11.56		HZ	0.002	0.8			PCVE	e P	23:51:47.32	BZ	0.623 1.5			
	e Sn	20:38:46.85		HN						e PP	23:54:51.22	BZ				
	e Sg	20:38:58.43		HE					PBRG	e P	23:51:46.23	BZ	0.630 1.7			
MVO	e Pn	20:38:16.07		HZ	0.003	0.5				e PP	23:54:48.58	BZ				
	e Sg	20:39:09.19		HE					PBEJ	e P	23:51:47.27	SZ	0.617 1.4			
PVIS	e Pn	20:38:19.91		HZ						e PP	23:54:53.42	SZ				
									PESTR	e P	23:51:47.89	BZ	0.605 1.3			
16-Fev	Ho	22:27:35.5			ML	1.4				e PP	23:54:52.10	BZ				
	Lat	36.775°N	Lon		06.548°W	Prof	31*									
	Região: Golfo de Cádiz								PMRV	e P	23:51:47.46	BZ	0.877 1.6			
	AxMax	6.2	AxMin	2.3	Ang	177	ErrZ	0		e PP	23:54:49.02	BZ				
Est	Fase	P h:m:s	Dur	Co	Amp	Per				e S	24:01:54.77	LN				
PVAQ	e P	22:27:53.75		HE						e LR	24:16:32.47	LZ	180.0 22			
	e S	22:28:07.54		HN					PBDV	e P	23:51:47.64	BZ	0.937 1.4			
PBDV	e S	22:28:09.50		HN	0.003	0.6				e PP	23:54:53.42	BZ				
PBAR	e P	22:27:58.60		HZ					PVAQ	e P	23:51:48.77	BZ	0.074 1.4			
	e S	22:28:16.58		HE						e S	24:02:09.73	LE				
PCVE	e S	22:28:15.63		HN					PBAR	e P	23:51:49.16	BZ	0.718 1.3			
MESJ	e S	22:28:20.99		HE						e PP	23:54:56.51	BZ				
PNCL	e S	22:28:29.76		HE	0.005	0.7										
16-Fev	Ho	23:39:39.5	Distante (NEIC)		MW	7.2			17-Fev	Ho	00:36:52.2	Distante (NEIC)		MW	5.8	
	Lat	16.418°N	Lon		97.958°W	Prof	22			Lat	16.158°N	Lon		97.882°W	Prof	4
	Região: Oaxaca, Mexico								Região: Oaxaca, Mexico							
Est	Fase	P h:m:s	Dur	Co	Amp	Per			Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PMOZ	e P	23:51:11.03		BZ	0.679	2.0			PGAV	e P	00:48:56.94		BZ	0.515	1.7	
	e PP	23:53:56.95		BZ					PSBE	e P	00:48:57.97		BZ	0.159	1.6	
	e S	24:00:59.42		LE					PCAS	e P	00:48:58.58		BZ	0.225	1.4	
	e LQ	24:10:24.52		LN					POLO	e P	00:49:00.42		BZ			
	e LR	24:13:01.81		LZ	242.0	22			PVIS	e P	00:48:59.52		BZ			
PMAR	e P	23:51:11.47		BZ	0.787	1.4			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	1.1	

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
<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 Pg	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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
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				
<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	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				
<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	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	14:33:51.21		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				
<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 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							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
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

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
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

<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	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							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
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	Distante (NEIC)	MW	5.0		
	Lat	04.905°S	Lon	130.486°E	Prof	115	
	Região: Banda Sea						

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
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							
<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	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							
<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	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							
<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 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							
<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 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							
<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 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			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
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			
<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 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			
PSSE	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			
<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	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			
<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	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			
<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 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							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
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			

PBDV	e LR	07:34:31.18	LZ	3.511	22
PVAQ	e P	07:09:06.61	BZ	0.113	1.3
PBAR	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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e P	d 15:42:26.46		HZ	0.067 0.2
	e S	15:42:43.38		HN	
PSSES	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	

PBRG	e P	15:43:06.77	HZ	0.002 0.3
	e S	15:43:54.07	HN	

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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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	

20-Fev	Ho	16:52:21.6			ML 1.2
	Lat	41.992°N	Lon	06.330°W	Prof 3*
	Região: NE Bragança				Rms 0.4
	AxMax	5.1	AxMin	2.6	Ang 81 ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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)				Rms 0.4
	AxMax	1.8	AxMin	1.6	Ang 125 ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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				Rms 0.2
	AxMax	2.3	AxMin	2.1	Ang 82 ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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
	Região: Northern Chile			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
MORF	e P	01:19:07.90		BZ

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
	e pP	01:19:43.70	BZ
PBAR	e P	01:19:15.25	BZ
PESTR	e P	01:19:15.76	BZ
PCAS	e P	01:19:16.14	BZ
PMRV	e P	01:19:17.46	BZ
PTO	e P	01:19:18.04	SZ
PVIS	e P	01:19:19.62	BZ
PVRL	e P	01:19:21.65	SZ
POLO	e P	01:19:21.64	BZ
MVO	e P	01:19:23.56	BZ
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				Rms 0.2
	AxMax	2.3	AxMin	2.1	Ang 131 ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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				Rms 0.3
	AxMax	6.8	AxMin	4.7	Ang 38 ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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				Rms 0.4
	AxMax	6.8	AxMin	4.1	Ang 33 ErrZ 13
<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	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
PVAQ	e S		18:51:26.65	HN		COI	e P	23:49:55.00	BZ	0.084	1.3
	e P		18:51:14.01	HN		PCAS	e P	23:49:55.59	BZ		
PTEO	e S		18:51:28.61	HE		MESJ	e P	23:49:56.57	BZ	0.052	1.6
	e P		18:51:15.82	EZ	0.011 0.5	PTO	e P	23:49:54.89	SZ	0.042	1.1
PCVE	e S		18:51:32.49	EE		PNCL	e P	23:49:59.01	BZ	0.035	1.8
	e P		18:51:16.49	HZ	0.015 0.4	PMOZ	e P	23:51:16.44	BZ	0.187	0.6
MESJ	e S		18:51:33.17	HN							
	e P		18:51:19.15	HZ	0.015 0.2	21-Fev	Ho	23:41:59.2	Distante (NEIC)		MB 4.3
PBEJ	e S		18:51:37.72	HE		Lat		42.032°N	Lon	24.912°E	Prof 8
	e P		18:51:22.04	EZ	0.011 0.1	Região: Bulgaria					
PNCL	e S		18:51:42.76	EE		Est	Fase	P h:m:s	Dur	Co	Amp Per
	e P		18:51:22.87	HZ	0.008 1.1	PBRG	e P	23:47:08.75	BZ	0.032	1.8
PBAR	e S		18:51:44.47	HN		MVO	e P	23:47:12.60	BZ	0.027	1.8
	e P		18:51:26.69	HZ	0.006 0.1	MTE	e P	23:47:17.81	BZ	0.043	1.7
EVO	e S		18:51:50.78	HE		PCBR	e P	23:47:18.39	SZ	0.023	1.7
	e P		18:51:28.54	HZ	0.014 0.1	PMRV	e P	23:47:19.40	BZ	0.042	1.5
PSES	e S		18:51:54.55	HN		PVIS	e P	23:47:19.53	BZ		
	e P		18:51:29.37	HZ		PBAR	e P	23:47:20.35	BZ	0.023	1.1
PACT	e S		18:51:56.63	HE		PESTR	e P	23:47:21.42	BZ	0.028	1.0
	e P		18:51:33.46	BZ		PMTG	e P	23:47:24.45	BZ	0.024	1.2
PESTR	e S		18:52:03.80	BE		EVO	e P	23:47:25.00	BZ	0.036	1.8
	e P		18:51:34.24	HZ		PBEJ	e P	23:47:26.08	SZ	0.016	1.3
PMTG	e S		18:52:03.60	HN		PCVE	e P	23:47:28.82	BZ	0.047	1.3
	e P		18:51:35.73	HZ	0.009 0.1	MESJ	e P	23:47:30.27	BZ	0.027	1.8
PMAFR	e S		18:52:06.33	HE		PNCL	e P	23:47:31.60	BZ		
	e P		18:51:36.56	HZ							
PMRV	e S		18:52:09.21	HN		22-Fev	Ho	05:49:00.0	Distante (IPMA)		
	e P		18:51:41.62	HZ		Lat		23.800°N	Lon	44.790°W	Prof 10
PCBR	e S		18:52:17.81	HN		Região: Northern Mid-Atlantic Ridge					
	e P		18:51:47.13	EZ	0.006 0.6	Est	Fase	P h:m:s	Dur	Co	Amp Per
PCAS	e S		18:52:26.98	EE		PTEO	e P	05:55:39.30	SZ	0.088	1.8
	e P		18:51:49.62	HZ		PNCL	e P	05:55:42.82	BZ	0.041	1.7
MTE	e S		18:52:31.25	HE		PSBE	e P	05:56:00.22	BZ	0.092	1.7
	e P		18:51:54.94	HZ		PBDV	e P	05:55:45.33	BZ	0.079	1.7
MVO	e P		18:52:06.12	HZ	0.004 0.3	PCVE	e P	05:55:44.09	BZ		
	e S		18:52:58.81	HN		PVAQ	e P	05:55:46.93	BZ		
POLO	e P		18:52:07.69	HZ		PMTG	e P	05:55:46.09	BZ	0.040	1.4
	e S		18:53:03.13	HN		EVO	e P	05:55:46.02	BZ	0.018	1.7
PGAV	e P		18:52:15.92	HZ		PESTR	e LR	06:05:05.75	LZ	1.512	20
	e S		18:53:16.30	HN		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
						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
						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
						PBRG	e P	d 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	23:44:56.5	Distante (NEIC)		MB 5.0
						Lat		37.855°N	Lon	20.361°E	Prof 17
						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
						22-Fev	Ho	18:48:08.69	EZ	0.039	0.1
						PBEJ	i Pg	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	23-Fev	Ho	03:31:16.2	Distante (NEIC)		ML 5.0
	e Sg	18:48:23.38	HN				Lat	55.535°N	Lon	158.834°W	Prof 28
PESTR	e Pg	18:48:17.89	HZ	0.035	0.2	Região: Alaska Peninsula					
	e Sg	18:48:26.97	HE			Est	Fase	P h:m:s	Dur	Co	Amp Per
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								
PFVI	e P	18:48:28.31	HZ	0.013	1.0	23-Fev	Ho	05:43:41.6	Distante (NEIC)		MB 4.8
	e S	18:48:44.10	HN				Lat	16.351°N	Lon	97.576°W	Prof 10
PMRV	e P	18:48:27.76	HZ	0.016	0.4	Região: Oaxaca, Mexico					
	e S	18:48:44.79	HE			Est	Fase	P h:m:s	Dur	Co	Amp Per
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	
23-Fev						PFVI	e pP	05:55:51.81		BZ	
Ho	00:52:44.4			ML 2.5		PNCL	e pP	05:55:52.04		BZ	
Lat	37.871°N	Lon	03.241°W	Prof 12		PMTG	e P	05:55:46.40		BZ	
Região: NW Almeria (ESP)							e pP	05:55:52.19		BZ	
AxMax	1.9	AxMin	1.7	Ang 162	ErrZ 3	MORF	e pP	05:55:52.80		BZ	
Est	Fase	P h:m:s	Dur	Co	Amp Per	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								
PBEJ	e Sn	00:54:23.76	EN	0.006	0.5	23-Fev					
	e Sg	00:54:35.84	EN			Est	Fase	P h:m:s	Dur	Co	Amp Per
PBDV	e Pn	00:53:41.31	HZ	0.005	0.4	PBAR	e Sn	06:47:36.87		HE	0.001 0.8
	e Pg	00:53:53.28	HZ				e Sg	06:47:48.41		HN	
	e Sn	00:54:23.61	HE			PESTR	e Sn	06:47:50.59		HE	0.002 0.6
	e Sg	00:54:40.31	HN				e Sg	06:48:05.54		HE	
EVO	e Pn	00:53:55.08	HZ	0.009	0.5	PVAQ	e Sn	06:47:50.75		HN	
	e Sg	00:54:41.31	HN				e Sg	06:48:07.18		HN	
PCVE	e Pn	00:53:41.38	HZ	0.008	0.4	PMTG	e Sg	06:48:23.98		HE	
	e Sn	00:54:24.61	HN								
	e Sg	00:54:40.91	HN			23-Fev					
PCBR	e Pn	00:53:41.47	EZ	0.009	0.6	Est	Fase	P h:m:s	Dur	Co	Amp Per
	e Sn	00:54:26.02	EN			PBAR	e Sn	06:49:00.28		HE	0.001 0.3
	e Sg	00:54:42.49	EN				e Sg	06:49:12.75		HN	
MESJ	e Sn	00:54:27.10	HE	0.006	0.6	PVAQ	e Sg	06:49:31.63		HE	
	e Sg	00:54:45.45	HN			PMRV	e Sg	06:49:32.26		HN	
PMTG	e Sn	00:54:31.23	HE	0.011	0.4						
	e Sg	00:54:49.80	HE			23-Fev					
PNCL	e Sn	00:54:33.51	HN	0.004	0.6	Est	Fase	P h:m:s	Dur	Co	Amp Per
	e Sg	00:54:53.11	HE			PBAR	e Pg	07:49:42.96		HZ	0.005 0.6
MTE	e Sg	00:54:53.07	HE	0.009	0.4		e Sn	07:50:10.70		HN	
MORF	e Sn	00:54:37.71	HN	0.003	0.6		e Sg	07:50:21.46		HN	
PTEO	e Sn	00:54:39.20	EE			PVAQ	e Pn	07:49:43.26		HE	
	e Sg	00:54:59.50	EE				e Sn	07:50:23.49		HE	
MVO	e Pn	00:53:50.86	HZ	0.006	0.4		e Sg	07:50:39.61		HE	
	e Sg	00:55:00.37	HN			PESTR	e Sn	07:50:23.81		HE	0.005 0.6
PVIS	e Sn	00:54:44.77	HN	0.002	0.3		e Sg	07:50:38.90		HN	
	e Sg	00:55:07.05	HE			PMRV	e Sn	07:50:24.47		HN	0.006 0.4
PCAS	e Sn	00:54:45.20	HN	0.010	0.7		e Sg	07:50:38.63		HE	
	e Sg	00:55:09.41	HE			PMTG	e Sn	07:50:35.68		HE	0.004 0.6
PBRG	e Sg	00:55:12.77	HN				e Sg	07:50:57.21		HE	

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	

23-Fev	Ho	13:04:22.3	ML 1.4
	Lat	39.935°N	Lon 06.095°W
	Região:	S Plasencia (ESP)	Prof 1
	AxMax	3.8	AxMin 2.9
	Ang	80	ErrZ 7

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	

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

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

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

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		

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

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	19:54:17.81		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	

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

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	
PACT	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	

	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	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	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			

	e LQ	18:42:52.48	LE				e S	04:09:47.53	HE		
	e LR	18:52:19.18	LZ	151.0	20		MESJ	e S	04:09:47.20	HE	
COI	e PKPdf	18:04:14.33	BZ				PNCL	e S	04:09:47.97	HN	0.001 0.2
	e PP	18:07:16.36	BZ				PVAQ	e P	04:09:28.47	HZ	
PCAS	e PKPdf	18:04:05.78	BZ					e S	04:09:49.12	HE	
	e PP	18:07:19.01	BZ				PBEJ	e S	04:09:54.70	EE	
PESTR	e PKPdf	18:04:06.18	BZ				PMAFR	e S	04:09:59.67	HN	0.013 0.3
	e PP	18:07:00.32	BZ				EVO	e S	04:10:01.79	HE	
PBAR	e PKPdf	18:04:07.59	BZ				PBAR	e S	04:10:09.51	HN	
	e PP	18:07:20.94	BZ				PMTG	e S	04:10:10.12	HE	0.001 0.1
PMTG	e PKPdf	18:03:55.85	BZ				PESTR	e S	04:10:12.98	HE	
	e PP	18:07:17.76	BZ				PSBE	e S	04:10:17.34	HN	
PSBE	e PKPdf	18:04:06.69	BZ				PMRV	e S	04:10:26.19	HE	
	e PP	18:07:21.85	BZ								
EVO	e PKPdf	18:03:57.15	BZ								
	e PP	18:07:19.08	BZ								
PBEJ	e PKPdf	18:04:07.66	SZ								
	e PP	18:07:22.26	SZ								
PMAFR	e PKPdf	18:04:06.85	BZ								
	e PP	18:07:24.73	BZ								
GGNV	e PKPdf	18:04:06.08	BZ								
	e PP	18:07:24.86	BZ								
PNCL	e PKPdf	18:03:58.66	BZ								
	e PP	18:07:26.02	BZ								
PVAQ	e PKPdf	18:03:59.88	BZ								
	e PP	18:07:25.55	BZ								
	e SS	18:25:29.72	LN								
	e LQ	18:43:26.71	LE								
	e LR	18:51:31.75	LZ	102.0	20						
MESJ	e PKPdf	18:04:09.58	BZ								
	e PP	18:07:27.59	BZ								
PCVE	e PKPdf	18:04:07.23	BZ								
	e PP	18:07:26.78	BZ								
PBDV	e PKPdf	18:04:09.94	BZ								
	e PP	18:07:27.07	BZ								
PTEO	e PKPdf	18:04:10.55	SZ								
	e PP	18:07:27.66	SZ								
MORF	e PKPdf	18:04:10.41	BZ								
	e PP	18:07:30.98	BZ								
PFVI	e PKPdf	18:04:10.56	BZ								
	e PP	18:07:32.53	BZ								
PMPST	e PKPdf	18:04:24.61	BZ								
	e PP	18:08:08.98	BZ								
PMPS	e PKPdf	18:04:06.10	SZ								
PMAR	e PKPdf	18:04:27.91	BZ								
FUL	e PKPdf	18:04:27.41	EZ								
PMOZ	e PKPdf	18:04:22.48	BZ								
	e SS	18:26:42.94	LE								
	e LQ	18:46:56.36	LE								
	e LR	18:54:59.97	LZ	79.10	20						
PMSOL	e PKPdf	18:04:28.08	SZ								
25-Fev	Ho	18:11:34.6	Distante (NEIC)	MB	5.5						
		Lat 05.760°S	Lon 142.244°E	Prof	39						
		Região: New Guinea, Papua New Guinea									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
MVO	e PKPdf	18:30:58.98		BZ							
POLO	e PKPdf	18:30:54.33		BZ							
PVRL	e PKPdf	18:30:58.47		SZ							
MTE	e PKPdf	18:31:00.64		BZ							
PCBR	e PKPdf	18:30:59.43		SZ							
PMTG	e PKPdf	18:31:01.18		BZ							
PSBE	e PKPdf	18:30:59.12		BZ							
PCVE	e PKPdf	18:31:03.58		BZ							
PBDV	e PKPdf	18:31:04.61		BZ							
MORF	e PKPdf	18:31:06.42		BZ							
PMAR	e PKPdf	18:31:20.51		BZ							
26-Fev	Ho	04:08:60.0	Distante (NEIC)	ML	1.5						
		Lat 36.698°N	Lon 09.745°W	Prof	16						
		Região: SW Cabo S.Vicente									
		AxMax 11.7	AxMin 5.3	Ang 101	ErrZ 8						
<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 S	04:09:26.85		HN							
PTEO	e S	04:09:35.39		EN							
PBDV	e P	04:09:25.56		HZ							
	e S	04:09:44.82		HN							
PCVE	e P	04:09:27.36		HZ							
26-Fev	Ho	04:41:02.3	Distante (NEIC)	MW	5.6						
		Lat 05.420°S	Lon 151.831°E	Prof	35						
		Região: New Britain Region, P.N.G.									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>					
MVO	e PKP	05:00:27.87		BZ							
POLO	e PKP	05:00:22.47		BZ							
PVIS	e PKP	05:00:21.74		BZ							
MTE	e PKP	05:00:23.25		BZ							
PCBR	e PKP	05:00:25.22		SZ							
COI	e PKP	05:00:25.24		BZ							
PCAS	e PKP	05:00:26.47		BZ							
PMRV	e PKP	05:00:25.18		BZ							
PMTG	e PKP	05:00:29.14		BZ							
PBAR	e PKP	05:00:28.27		BZ							
EVO	e PKP	05:00:28.53		BZ							
PBEJ	e PKP	05:00:28.43		SZ							
PNCL	e PKP	05:00:28.36		BZ							
MESJ	e PKP	05:00:29.53		BZ							
PVAQ	e PKP	05:00:31.49		BZ							
PMAR	e PKP	05:00:52.47		BZ							
26-Fev	Ho	08:26:59.3	Distante (NEIC)	MW	6.0						
		Lat 06.427°S	Lon 143.271°E	Prof	24						
		Região: New Guinea, Papua New Guinea									
<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 LQ	09:28:28.25		LE							
	e LR	09:37:17.89		LZ	0.856	20					
MVO	e LQ	09:27:02.25		LN							
	e LR	09:36:54.16		LZ	0.892	18					
PGAV	e LR	09:35:29.67		LZ	0.792	20					
PMRV	e LR	09:36:45.53		LZ	0.994	20					
PVAQ	e LR	09:37:10.61		LZ	1.101	20					
26-Fev	Ho	11:56:07.4	Distante (NEIC)	MW	5.7						
		Lat 06.500°S	Lon 143.554°E	Prof	13						
		Região: New Guinea, Papua New Guinea									
<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 PP	12:18:11.13		BZ							
MVO	e PKPdf	12:15:43.37		BZ							
	e PP	12:18:22.39		BZ							
	e LR	13:02:04.38		LZ	1.282	18					
PGAV	e PKPdf	12:15:40.88		BZ							
	e PP	12:18:22.16		BZ							
	e LR	13:01:21.77		LZ	0.934	18					
POLO	e PP	12:18:19.35		BZ							
PVIS	e PP	12:18:27.65		BZ							
MTE	e PP	12:18:27.83		BZ							
	e LR	13:02:38.53		LZ	0.920	20					
PMRV	e PP	12:18:26.01		BZ							
	e LR	13:03:08.97		LZ	0.951	20					
COI	e PP	12:18:23.02		BZ							
PESTR	e PP	12:18:32.68		BZ							
PBAR	e PKPdf	12:15:33.34		BZ							

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		

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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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	

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

28-Fev	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	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	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	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
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
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

