

**BOLETIM  
SISMOLÓGICO  
PRELIMINAR  
DO CONTINENTE E  
MADEIRA**

**Boletim Sismológico Preliminar do Continente e Madeira**  
Editado — 2017

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## **Divisão de Geofísica**

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

# **ABRIL DE 2018**

## **LEGENDA**

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

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

## Lista de Estações

<b>Estação</b>	<b>Local</b>	<b>Sensor/Dinam</b>	<b>Canais</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Alt</b>	<b>Org</b>
PGAV	Gavieira	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 57.92'N	08°16.19 'W	1084 m	IPMA
PBRG	Bragança	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 48.29'N	06° 44.48'W	691 m	IPMA
PCAB	Cabril	LE3D-5s/ 24 bits	EH*, SH*	41° 42.61'N	08° 01.62'W	577 m	IPMA
POLO	Lamas de Olo	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	41° 22.43'N	07°47.25 'W	1060 m	IPMA
PVRL	Vila Real	LE3D-5s/ 20 bits	SH*	41° 16.53'N	07° 42.97'W	660 m	IPMA
MVO	Moncorvo	CMG-3T/ 24 bits	HH*,BH*,LH*	41° 09.87'N	07° 01.73'W	550 m	IPMA
PTO	Porto	LE3D-1s/ 20 bits	SH*	41° 08.31'N	08° 36.13'W	88 m	IPMA
PVIS	Viseu	LE3D-5s/ 24 bits	EH*,SH*	40° 42.94'N	07° 53.68'W	720 m	IPMA
MTE	Manteigas	STS2/ 24 bits	HH*,BH*,LH*	40° 24.20'N	07° 31.20'W	815 m	IPMA/GEOFON
COI	Coimbra	STS2/ 24bits	HH*,BH*,LH*	40° 12.48'N	08° 24.74'W	140 m	IGUC
PCAS	Casmilo	CMG-3T/ 24 bits	HH*,BH*,LH*	40° 03.17'N	08° 29.90'W	343 m	IPMA
PCBR	Castelo Branco	LE3D-5s/ 24 bits	EH*,SH*	39° 50.42'N	07° 28.65'W	380 m	IPMA
PSBE	São Bento	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 30.85'N	08° 47.73'W	510 m	IPMA
PMRV	Marvão	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 25.70'N	07° 23.50'W	430 m	IPMA
ALMR	Almeirim	L43D-1s/ 16 bits	EH*	39° 09.33'N	08° 34.61'W	165 m	IGIDL
PMTG	Montargil	CMG-3ESPc/ 24 bits	HH*,BH*,LH*	39° 04.14'N	08°13.52 'W	190 m	IPMA
PAZA	Azambuja	CMG-40T/ 24 bits	BH*	38° 04.49'N	08° 54.42'W	51 m	IST
PMAFR	Tapada de Mafra	STS2/ 24 bits	HH*,BH*,LH*	38° 57.32'N	09° 16.96'W	329 m	IPMA
PESTR	Estremoz	CMG-3T/ 24 bits	HH*,BH*,LH*	38° 52.03'N	07° 35.41'W	410 m	IPMA
INMG	Lisboa	CMG-5T/ 24 bits	HN*	38° 46.46'N	09° 07.54'W	93 m	IPMA
PACT	Alcochete	CMG-40T/ 24 bits	BH*	38° 46.08'N	08° 50.00'W	30 m	IST
PMST	Monsanto	CMG-40T/ 24 bits	BH*	38° 44.21'N	09° 11.00'W	172 m	IST
GGNV	Lisboa	CMG-40T/ 16 bits	BH*	38° 42.99'N	09° 08.95'W	77 m	IGIDL
MOE	Montemor	S13/ 12 bits	EH*	38° 32.11'N	08° 21.20'W	120 m	IPMA
EVO	Évora	STS2/ 24 bits	HH*,BH*,LH*	38° 31.92'N	08° 00.78'W	235 m	UE
PSES	Sesimbra	CMG-40T/ 24 bits	HH*,BH*	38° 26.27'N	09° 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
01-04-2018	02:56:06.5	38.547°N	07.377°W	13	0.9 ml	SE Redondo	0.3	
01-04-2018	04:13:36.1	36.536°N	11.082°W	12*	1.7 ml	Gorringe	0.3	
01-04-2018	05:33:20.4	36.242°N	08.099°W	37*	1.2 ml	SW Faro	0.3	
01-04-2018	05:38:53.7	32.622°N	19.552°W	15	3.3 ml	Madeira Islands, Portugal	0.4	
01-04-2018	18:01:38.0	37.314°N	08.632°W	15	0.7 ml	W Monchique	0.3	
02-04-2018	01:05:30.7	36.525°N	12.844°W	49	3.8 ml	Gorringe	0.4	
02-04-2018	08:04:09.4	37.305°N	08.567°W	16	1.0 ml	SW Monchique	0.2	
02-04-2018	10:05:21.5	37.211°N	03.745°W	0	2.5 ml	NW Granada (ESP)	0.4	
02-04-2018	17:14:42.1	37.144°N	07.275°W	11	1.5 ml	SE V.R.Sto António	0.4	
03-04-2018	08:17:36.2	39.916°N	08.570°W	2	1.7 ml	E Pombal	0.3	
03-04-2018	15:30:41.6	36.833°N	08.367°W	6	1.4 ml	SW Albufeira	0.3	
03-04-2018	21:21:25.9	36.523°N	09.105°W	16	2.0 ml	SW Cabo S.Vicente	0.3	
04-04-2018	00:40:46.1	38.820°N	07.953°W	13	1.2 ml	NE Arraiolos	0.3	
04-04-2018	05:12:57.8	35.294°N	01.322°W	15	3.0 ml	NW Argélia (ALG)	0.6	
04-04-2018	08:32:57.2	37.342°N	08.805°W	0*	0.9 ml	N Aljezur	0.1	
04-04-2018	09:57:28.5	37.292°N	08.548°W	14	1.2 ml	SE Monchique	0.2	
04-04-2018	23:39:51.0	42.989°N	07.013°W	0*	1.8 ml	E Lugo (ESP)	0.4	
05-04-2018	07:43:20.4	36.652°N	07.002°W	36*	1.9 ml	Golfo de Cádiz	0.3	
05-04-2018	18:59:43.6	36.258°N	09.741°W	31*	1.7 ml	SW Cabo S.Vicente	0.3	
05-04-2018	21:49:25.5	34.450°N	04.414°W	6*	2.0 ml	NE Fez (Marr)	0.4	
05-04-2018	21:53:06.3	36.682°N	09.853°W	16	1.3 ml	SW Cabo S.Vicente	0.3	
06-04-2018	02:29:03.1	37.300°N	08.573°W	14*	0.6 ml	SW Monchique	0.3	
06-04-2018	07:21:25.5	36.774°N	08.960°W	27	0.9 ml	S Cabo S.Vicente	0.3	
06-04-2018	07:47:13.4	36.828°N	08.423°W	5*	1.1 ml	SW Albufeira	0.3	
06-04-2018	09:55:41.6	36.435°N	07.285°W	33	1.7 ml	Golfo de Cádiz	0.3	
06-04-2018	10:55:46.4	37.078°N	09.480°W	31	3.4 ml	W Cabo S.Vicente	0.3	
06-04-2018	22:17:28.1	36.575°N	07.591°W	22	1.9 ml	Golfo de Cádiz	0.4	
06-04-2018	22:28:02.5	37.877°N	03.241°W	11	3.0 ml	NW Almeria (ESP)	0.5	
07-04-2018	00:57:02.5	37.081°N	05.460°W	16	2.2 ml	SE Sevilha (ESP)	0.4	
07-04-2018	01:44:23.0	37.863°N	03.244°W	17	3.5 ml	NW Almeria (ESP)	0.4	
07-04-2018	01:42:40.5	37.871°N	03.230°W	12	3.7 ml	NW Almeria (ESP)	0.4	
07-04-2018	01:49:12.3	37.875°N	03.238°W	7	3.2 ml	NW Almeria (ESP)	0.5	
07-04-2018	02:39:42.9	37.859°N	03.236°W	7	1.6 ml	NW Almeria (ESP)	0.4	
07-04-2018	03:46:20.0	33.800°N	03.865°W	27	2.5 ml	E Fez (Marr)	0.4	
07-04-2018	03:49:52.1	37.871°N	03.260°W	11	2.8 ml	NW Almeria (ESP)	0.4	
07-04-2018	17:04:18.9	36.889°N	11.276°W	31*	2.2 ml	Gorringe	0.4	
08-04-2018	12:07:56.8	36.705°N	09.688°W	21	1.5 ml	SW Cabo S.Vicente	0.2	
08-04-2018	19:56:19.5	37.873°N	03.210°W	9	2.3 ml	NW Almeria (ESP)	0.4	
08-04-2018	22:11:05.9	37.826°N	03.252°W	11	2.6 ml	NW Almeria (ESP)	0.4	
09-04-2018	08:00:46.0	37.100°N	05.531°W	20	1.4 ml	SE Sevilha (ESP)	0.5	
09-04-2018	08:54:59.3	31.194°N	07.485°W	4*	3.1 ml	Morocco	0.5	
09-04-2018	09:08:57.3	32.465°N	17.066°W	13*	2.3 ml	S Ribeira Brava (Madeira)	0.4	
09-04-2018	22:33:36.9	36.224°N	08.110°W	37	1.7 ml	SW Faro	0.4	
10-04-2018	02:49:53.9	42.172°N	02.214°W	17	2.6 ml	SE Logrones (ESP)	0.5	
10-04-2018	03:08:57.0	37.342°N	08.459°W	7	1.3 ml	NE Monchique	0.3	
10-04-2018	04:34:36.7	36.635°N	07.310°W	31	3.0 ml	Golfo de Cádiz	0.5	
10-04-2018	05:10:30.0	36.626°N	07.324°W	31	1.4 ml	Golfo de Cádiz	0.4	
10-04-2018	05:23:43.2	34.638°N	09.400°W	38	1.7 ml	Mar de Marrocos	0.5	
10-04-2018	06:30:29.6	36.636°N	07.281°W	31	2.0 ml	Golfo de Cádiz	0.6	
10-04-2018	06:36:24.7	36.643°N	07.294°W	31	2.3 ml	Golfo de Cádiz	0.5	
11-04-2018	06:03:33.9	38.199°N	06.190°W	0*	1.3 ml	NE Aracena (ESP)	0.3	
11-04-2018	10:05:42.5	36.715°N	07.478°W	23	1.8 ml	Golfo de Cádiz	0.3	
11-04-2018	14:37:43.3	37.979°N	01.427°W	15	3.1 ml	W Murcia (ESP)	0.4	
12-04-2018	04:27:22.8	37.211°N	08.563°W	20	2.6 ml	NW Portimão	0.3	
12-04-2018	07:15:32.6	36.507°N	09.720°W	13	1.6 ml	SW Cabo S.Vicente	0.4	
12-04-2018	09:00:23.7	42.800°N	07.243°W	5	2.2 ml	SE Lugo (ESP)	0.3	
12-04-2018	11:05:16.6	38.933°N	06.572°W	3*	1.4 ml	W Mérida (ESP)	0.4	
12-04-2018	12:40:40.6	36.191°N	08.031°W	20*	1.7 ml	S Faro	0.3	
12-04-2018	20:49:27.4	36.682°N	11.290°W	28	2.1 ml	Gorringe	0.3	
13-04-2018	06:23:26.9	36.253°N	06.705°W	8	2.4 ml	Golfo de Cádiz	0.4	
13-04-2018	10:10:17.9	35.693°N	03.642°W	2*	2.1 ml	Alboran	0.5	
13-04-2018	23:25:27.5	39.258°N	10.364°W	29	1.8 ml	Canhão da Nazaré	0.4	
14-04-2018	08:30:09.6	42.900°N	07.157°W	21	2.2 ml	SE Lugo (ESP)	0.4	
14-04-2018	11:59:05.1	42.430°N	08.105°W	8	1.5 ml	NW Ourense (ESP)	0.3	
14-04-2018	16:50:15.3	36.739°N	09.609°W	22	1.7 ml	SW Cabo S.Vicente	0.3	

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14-04-2018	21:38:51.7	38.778°N	07.939°W	14	0.9 ml	NE Arraiolos	0.3
14-04-2018	22:00:37.8	36.704°N	08.377°W	12	1.4 ml	SW Albufeira	0.3
14-04-2018	22:50:17.7	37.951°N	08.288°W	5	1.9 ml	NW Aljustrel	0.4
14-04-2018	23:08:01.1	37.327°N	08.573°W	16	0.9 ml	NW Monchique	0.2
15-04-2018	00:33:13.2	38.798°N	07.958°W	2	1.0 ml	NE Arraiolos	0.3
15-04-2018	02:30:08.9	37.318°N	08.554°W	11	0.4 ml	NE Monchique	0.2
15-04-2018	07:29:59.9	37.956°N	08.294°W	4	0.5 ml	NW Aljustrel	0.2
15-04-2018	18:50:56.8	36.531°N	09.695°W	16	1.8 ml	SW Cabo S.Vicente	0.4
15-04-2018	23:44:15.4	35.337°N	04.078°W	17	2.1 ml	NW Al Hoceima (MARR)	0.5
16-04-2018	00:34:18.9	41.564°N	05.983°W	0	1.2 ml	NW Zamora (ESP)	0.5
16-04-2018	00:58:17.1	40.824°N	13.797°W	50	2.9 ml	Abissal Ibérica	0.4
16-04-2018	01:09:16.6	40.175°N	07.824°W	17	0.6 ml	NE Pampilhosa da Serra	0.2
16-04-2018	01:53:12.1	40.586°N	08.521°W	7	1.1 ml	NW Águeda	0.3
16-04-2018	05:36:29.6	37.235°N	03.768°W	0*	2.2 ml	NW Granada (ESP)	0.5
16-04-2018	05:50:03.9	37.242°N	03.748°W	0*	2.4 ml	NW Granada (ESP)	0.6
16-04-2018	06:04:04.1	37.270°N	03.736°W	0*	2.7 ml	NW Granada (ESP)	0.6
16-04-2018	07:00:34.0	34.562°N	05.194°W	13	1.9 ml	NW Fez (Marr)	0.4
16-04-2018	07:40:04.8	37.257°N	03.741°W	4	2.5 ml	NW Granada (ESP)	0.6
16-04-2018	16:09:58.2	35.539°N	03.787°W	8	2.0 ml	Alboran	0.7
16-04-2018	16:53:02.3	37.209°N	08.566°W	21	0.8 ml	NW Portimão	0.2
16-04-2018	18:24:12.1	38.631°N	09.257°W	0*	1.3 ml	SE Oeiras	0.4
16-04-2018	20:09:25.0	36.595°N	07.173°W	32	1.3 ml	Golfo de Cádiz	0.3
16-04-2018	20:56:04.0	38.785°N	07.941°W	9	0.6 ml	NE Arraiolos	0.4
16-04-2018	21:56:19.3	37.882°N	08.128°W	8*	0.0 ml	NE Aljustrel	0.1
17-04-2018	04:47:56.0	37.165°N	09.195°W	3*	0.9 ml	NW Cabo S.Vicente	0.3
17-04-2018	12:39:49.9	36.947°N	07.300°W	11	1.8 ml	Golfo de Cádiz	0.4
17-04-2018	16:39:55.2	38.994°N	11.150°W	24*	2.4 ml	Abissal do Tejo	0.3
17-04-2018	20:19:31.6	37.315°N	08.626°W	13	1.1 ml	W Monchique	0.3
17-04-2018	20:26:19.3	39.441°N	12.763°W	23*	2.8 ml	Tore	0.4
18-04-2018	01:45:26.9	37.014°N	02.503°W	12	2.1 ml	S Almeria (ESP)	0.4
18-04-2018	08:16:43.3	36.760°N	05.357°W	14	1.7 ml	N Gibraltar (ESP)	0.4
18-04-2018	10:33:31.5	36.804°N	04.555°W	53	3.3 ml	NW Malaga (ESP)	0.4
18-04-2018	15:49:46.2	36.983°N	05.579°W	15	1.8 ml	SE Sevilha (ESP)	0.5
18-04-2018	21:10:09.5	38.036°N	08.768°W	7	1.0 ml	NW Santiago do Cacém	0.3
18-04-2018	21:46:49.2	36.863°N	05.533°W	14	1.6 ml	SE Sevilha (ESP)	0.4
19-04-2018	01:14:34.1	37.365°N	07.524°W	3*	1.0 ml	SW Alcoutim	0.5
19-04-2018	11:27:24.5	37.876°N	03.237°W	6	2.3 ml	NW Almeria (ESP)	0.4
19-04-2018	19:57:16.2	37.317°N	08.516°W	1*	1.4 ml	E Monchique	0.3
19-04-2018	22:20:36.5	37.201°N	08.592°W	17	1.1 ml	NW Portimão	0.3
20-04-2018	00:10:56.2	42.864°N	07.596°W	2	1.5 ml	SW Lugo (ESP)	0.4
20-04-2018	00:47:57.2	36.828°N	10.656°W	30	2.4 ml	Gorringe	0.3
20-04-2018	03:25:59.5	38.083°N	08.361°W	0*	1.1 ml	SE Grândola	0.3
20-04-2018	04:21:39.2	36.262°N	09.874°W	29	1.8 ml	SW Cabo S.Vicente	0.3
20-04-2018	08:34:10.1	42.947°N	04.628°W	23	3.6 ml	NE Léon (ESP)	0.5
20-04-2018	10:22:23.2	42.947°N	04.580°W	18	3.1 ml	SW Santander (ESP)	0.4
20-04-2018	16:01:53.1	37.321°N	08.510°W	13	1.1 ml	E Monchique	0.2
21-04-2018	04:44:40.3	36.897°N	10.635°W	15	1.6 ml	Gorringe	0.5
21-04-2018	20:39:13.1	38.252°N	08.728°W	13*	1.4 ml	N Melides	0.4
22-04-2018	05:12:10.4	37.883°N	03.259°W	12	1.8 ml	NW Almeria (ESP)	0.6
22-04-2018	05:38:10.5	36.595°N	09.760°W	31	1.3 ml	SW Cabo S.Vicente	0.4
22-04-2018	08:02:28.5	38.510°N	07.859°W	15	0.7 ml	SE Evora	0.2
22-04-2018	09:27:49.5	36.729°N	07.201°W	20	0.9 ml	Golfo de Cádiz	0.3
22-04-2018	11:24:04.7	38.972°N	11.174°W	18	1.5 ml	Abissal do Tejo	0.5
22-04-2018	17:11:23.3	38.250°N	08.767°W	11	0.8 ml	NW Melides	0.4
22-04-2018	17:43:39.6	36.603°N	07.081°W	29	1.1 ml	Golfo de Cádiz	0.2
22-04-2018	20:17:30.5	42.876°N	11.315°W	10	3.0 ml	Banco da Galiza	0.5
23-04-2018	04:39:02.8	37.434°N	09.110°W	29	0.6 ml	NW Aljezur	0.3
23-04-2018	04:46:46.0	40.896°N	08.136°W	8	2.0 ml	SE Arouca	0.3
23-04-2018	05:10:50.3	36.806°N	11.371°W	35*	1.9 ml	Gorringe	0.4
23-04-2018	15:48:52.7	36.012°N	00.169°E	7*	3.5 ml	NW Argélia (ALG)	0.4
23-04-2018	19:58:30.5	38.503°N	07.852°W	12	0.9 ml	SE Evora	0.3
24-04-2018	00:06:05.3	37.878°N	03.211°W	9	2.1 ml	NW Almeria (ESP)	0.6
24-04-2018	00:55:44.1	36.595°N	09.728°W	17	1.4 ml	SW Cabo S.Vicente	0.1
24-04-2018	01:53:09.5	37.856°N	03.256°W	14	3.3 ml	NW Almeria (ESP)	0.6
24-04-2018	01:59:17.5	37.882°N	03.232°W	11	2.0 ml	NW Almeria (ESP)	0.5
24-04-2018	06:28:52.4	36.575°N	11.194°W	31	2.1 ml	Gorringe	0.4
24-04-2018	10:58:59.2	36.953°N	08.116°W	18	1.2 ml	SW Faro	0.3
24-04-2018	11:19:32.0	36.846°N	07.336°W	24	1.3 ml	Golfo de Cádiz	0.4
24-04-2018	23:13:15.2	36.317°N	07.805°W	32	1.5 ml	Golfo de Cádiz	0.3
25-04-2018	03:00:57.4	36.556°N	11.152°W	13*	1.7 ml	Gorringe	0.4
26-04-2018	03:33:58.2	37.152°N	10.987°W	30	4.1 ml	Abissal do Tejo	0.4

II/III

26-04-2018	04:08:05.5	36.426°N	08.417°W	14	1.3 ml	SW Albufeira	0.2
26-04-2018	04:08:56.7	37.360°N	08.651°W	12	-0.2 ml	NW Monchique	0.2
26-04-2018	11:13:19.9	36.410°N	05.261°W	15	4.1 ml	NE Gibraltar	0.4
26-04-2018	11:40:57.4	37.864°N	03.196°W	13	3.4 ml	NW Almeria (ESP)	0.4
26-04-2018	13:36:54.1	37.938°N	03.134°W	13	2.2 ml	NW Almeria (ESP)	0.3
26-04-2018	21:10:12.8	37.306°N	08.548°W	13	0.8 ml	SE Monchique	0.2
26-04-2018	22:14:07.5	40.150°N	08.058°W	9	1.2 ml	E Góis	0.3
27-04-2018	15:33:53.8	38.781°N	07.964°W	6	1.0 ml	NE Arraiolos	0.4
27-04-2018	20:03:00.3	38.494°N	08.007°W	15	1.2 ml	SW Evora	0.3
28-04-2018	01:22:58.4	36.919°N	08.557°W	12	1.0 ml	SE Lagos	0.3
28-04-2018	03:39:22.5	38.782°N	07.958°W	1	1.5 ml	NE Arraiolos	0.4
28-04-2018	04:19:58.1	36.594°N	07.504°W	12	1.3 ml	Golfo de Cádiz	0.2
28-04-2018	09:56:19.3	36.684°N	07.526°W	26	1.4 ml	Golfo de Cádiz	0.2
28-04-2018	11:22:36.5	37.870°N	03.233°W	15	2.8 ml	NW Almeria (ESP)	0.7
28-04-2018	11:33:51.4	37.874°N	03.233°W	15	2.2 ml	NW Almeria (ESP)	0.7
28-04-2018	15:29:49.8	37.863°N	03.229°W	15	2.6 ml	NW Almeria (ESP)	0.7
30-04-2018	01:45:29.4	42.117°N	08.218°W	14	1.1 ml	NE Melgaço	0.4
30-04-2018	02:04:57.7	38.053°N	09.500°W	6	1.3 ml	SW Sesimbra	0.5
30-04-2018	03:16:54.2	38.724°N	07.891°W	12	0.4 ml	E Arraiolos	0.2
30-04-2018	04:14:44.6	37.895°N	03.257°W	5	2.0 ml	NW Almeria (ESP)	0.6
30-04-2018	07:57:58.1	36.337°N	07.902°W	31	1.4 ml	Golfo de Cádiz	0.5
30-04-2018	12:37:26.1	36.678°N	07.234°W	19	1.2 ml	Golfo de Cádiz	0.3
30-04-2018	12:56:10.8	32.976°N	16.306°W	24	1.9 ml	SE Porto Santo (Madeira)	0.2
30-04-2018	14:14:49.8	36.926°N	10.186°W	21	1.8 ml	Gorringe	0.3
30-04-2018	17:32:38.5	38.117°N	13.687°W	10	2.1 ml	Josephine	0.6
30-04-2018	17:52:39.5	37.570°N	09.263°W	13	0.9 ml	NW Aljezur	0.3
30-04-2018	19:14:54.5	42.274°N	07.852°W	6	1.3 ml	S Ourense (ESP)	0.3
30-04-2018	21:50:04.1	36.959°N	05.225°W	16	1.5 ml	SE Sevilha (ESP)	0.4

**01-Abr Ho 02:56:06.5 ML 0.9**  
**Lat 38.547°N Lon 07.377°W Prof 13**  
**Região: SE Redondo Rms 0.3**  
**AxMax 2.7 AxMin 1.9 Ang 92 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PESTR	e Pg	02:56:13.42		HZ	0.003	0.2
	e Sg	02:56:18.45		HN		
PBAR	e Pg	02:56:14.84		HZ	0.002	0.2
	e Sg	02:56:21.10		HN		
EVO	e Pg	02:56:15.66		HZ	0.007	0.3
	e Sg	02:56:22.41		HN		
PBEJ	e Sg	02:56:26.03		EN	0.002	0.2
PMTG	e P	02:56:21.91		HZ	0.002	0.4
	e S	02:56:32.77		HE		
PMRV	e P	02:56:22.52		HZ	0.002	0.2
	e S	02:56:33.88		HE		
MESJ	e P	02:56:24.51		HZ	0.002	0.6
	e S	02:56:36.76		HE		
PNCL	e P	02:56:24.72		HZ	0.002	0.5
	e S	02:56:38.25		HN		
PCVE	e P	02:56:25.64		HZ	0.001	0.3
	e S	02:56:39.53		HE		
PACT	e S	02:56:44.19		BN		
PVAQ	e S	02:56:42.51		HE	0.002	0.6
PCBR	e S	02:56:45.95		EE		
PBDV	e S	02:56:48.10		HE		
MORF	e Sg	02:56:57.65		HN		

**01-Abr Ho 04:13:36.1 ML 1.7**  
**Lat 36.536°N Lon 11.082°W Prof 12\***  
**Região: Gorringe Rms 0.3**  
**AxMax 6.7 AxMin 5.0 Ang 101 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	04:14:06.39		HZ	0.005	0.3
	e S	04:14:28.48		HN		
MORF	e P	04:14:09.29		HZ	0.002	0.1
	e S	04:14:34.02		HE		
PTEO	e P	04:14:10.28		EZ	0.005	0.8
	e S	04:14:35.15		EE		

PNCL	e P	04:14:15.80	HZ	0.001	0.3
	e S	04:14:45.43	HN		
MESJ	e P	04:14:16.36	HZ		
	e S	04:14:46.55	HN		
PBDV	e P	04:14:17.50	HZ	0.002	1.0
	e S	04:14:46.52	HN		
PCVE	e P	04:14:17.23	HZ	0.002	0.8
	e S	04:14:47.67	HE		
PVAQ	e P	04:14:19.64	HZ	0.002	0.6
	e S	04:14:51.58	HN		
PACT	e S	04:14:54.14	BN		
PBEJ	e S	04:14:54.57	EE		
EVO	e S	04:14:59.00	HN	0.002	0.1
PMTG	e S	04:15:05.26	HE		
PBAR	e S	04:15:10.77	HN	0.001	0.8
PESTR	e S	04:15:10.16	HE		
PMRV	e P	04:14:35.97	HZ	0.001	0.7
	e S	04:15:21.27	HE		
PVIS	e P	04:14:46.73	HZ	0.003	0.8
	e S	04:15:40.29	HE		

**01-Abr Ho 05:33:20.4 ML 1.2**  
**Lat 36.242°N Lon 08.099°W Prof 37\***  
**Região: SW Faro Rms 0.3**  
**AxMax 7.7 AxMin 2.5 Ang 78 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e S	05:33:49.61		HE	0.001	0.1
PVAQ	e P	05:33:40.14		HZ	0.002	0.1
	e S	05:33:53.83		HE		
PCVE	e P	05:33:42.43		HZ	0.002	0.1
	e S	05:33:58.49		HE		
PTEO	e P	05:33:41.97		EZ		
	e S	05:33:58.80		EN		
MESJ	e P	05:33:45.17		HZ		
	e S	05:34:03.69		HN		
PBEJ	e S	05:34:08.16		EN		
PNCL	e S	05:34:10.56		HE		
PBAR	e S	05:34:15.76		HN	0.001	0.7
EVO	e S	05:34:19.77		HN	0.002	0.1







MESJ	e P	13:51:34.94	BZ	0.828 2.2	02-Abr	Ho 17:14:42.1	ML 1.5
	e pP	13:53:36.80	BZ			Lat 37.144°N Lon 07.275°W	Prof 11
	e PP	13:54:31.00	BZ			Região: SE V.R.Sto António	Rms 0.4
PVAQ	e P	13:51:35.06	BZ	0.960 1.1		AxMax 4.2 AxMin 3.0 Ang 158	ErrZ 5
	e pP	13:53:34.56	BZ		Est	Fase	P h:m:s Dur Co Amp Per
	e PP	13:54:31.29	BZ		PVAQ	e P	c 17:14:50.72 HZ 0.013 0.2
	e S	14:00:44.45	LN			e S	17:14:56.30 HE
	i -	14:04:07.61	LE		PBDV	e P	c 17:14:52.32 HZ 0.005 0.3
PACT	e P	13:51:36.01	BZ	1.206 1.9		e S	17:14:59.03 HN
	e pP	13:53:29.45	BZ		PCVE	e P	17:14:56.26 HZ 0.006 0.5
	e PP	13:54:32.41	BZ			e S	17:15:06.25 HE
PBEJ	e P	13:51:36.39	SZ	0.880 1.1	MESJ	e P	17:15:00.32 HZ 0.004 0.9
	e pP	13:53:37.93	SZ			e S	17:15:13.06 HN
	e PP	13:54:33.97	SZ		PBAR	e P	17:15:01.23 HZ 0.005 0.8
EVO	e P	13:51:37.54	BZ	0.413 1.6		e S	17:15:14.50 HN
	e pP	13:53:40.96	BZ		MORF	e P	17:15:02.05 HZ 0.005 0.1
	e PP	13:54:34.03	BZ			e S	17:15:16.55 HN
PSBE	e P	13:51:38.76	BZ	1.549 1.0	PTEO	e S	17:15:20.24 EE 0.009 0.8
	e pP	13:53:41.34	BZ		PFVI	e P	17:15:04.44 HZ 0.007 0.7
	e PP	13:54:35.09	BZ			e S	17:15:20.13 HN
PMTG	e P	13:51:38.77	BZ	1.124 1.2	PNCL	e S	17:15:23.98 HN 0.004 0.7
	e pP	13:53:42.93	BZ		PESTR	e Sg	17:15:36.91 HE
	e PP	13:54:33.98	BZ		PMTG	e Sn	17:15:39.67 HE
	e -	14:38:34.19	LZ				
PBAR	e P	13:51:39.54	BZ	0.704 1.0	02-Abr	Ho 23:23:18.3	Distante (NEIC) MW 5.9
	e pP	13:53:40.77	BZ			Lat 13.031°N Lon 88.816°W	Prof 50
	e PP	13:54:35.54	BZ			Região: El Salvador	
PESTR	e P	13:51:40.14	BZ	1.006 1.1	Est	Fase	P h:m:s Dur Co Amp Per
	e pP	13:53:39.84	BZ		PMOZ	e S	23:43:07.82 LE
	e PP	13:54:42.05	BZ			e LR	23:54:56.72 LZ 3.801 22
PCAS	e P	13:51:40.87	BZ	1.786 1.1	PACT	e pP	23:35:06.02 BZ
	e pP	13:53:44.05	BZ			A	23:35:11.20 BZ 0.325 1.8
	e PP	13:54:42.44	BZ		PFVI	e pP	23:35:06.82 BZ
COI	e P	13:51:41.96	BZ	1.976 1.1	PCAS	e P	23:34:52.02 BZ 0.112 2.2
	e pP	13:53:43.89	BZ			e pP	23:35:06.01 BZ
	e PP	13:54:34.74	BZ		PTEO	e pP	23:35:07.60 SZ
PMRV	e P	13:51:42.01	BZ	0.497 1.1	PGAV	e pP	23:35:06.19 BZ
	e pP	13:53:48.82	BZ			e LQ	23:54:43.68 LN
	e PP	13:54:44.03	BZ			e LR	23:58:07.06 LZ 5.089 22
	e S	14:00:59.38	LN		COI	e P	23:34:53.00 BZ
	i -	14:04:21.71	LN			e pP	23:35:07.20 BZ
PCBR	e P	13:51:43.09	SZ	0.564 1.7	MORF	e P	23:34:50.36 BZ 0.075 1.2
	e pP	13:53:45.08	SZ			e pP	23:35:07.50 BZ
	e PP	13:54:42.94	SZ		PNCL	e P	23:34:52.16 BZ
PTO	e P	13:51:44.54	SZ	1.915 1.1		e pP	23:35:08.57 BZ
PVIS	e P	13:51:44.75	BZ		PMTG	e P	23:34:50.72 BZ
	e pP	13:53:47.15	BZ			e pP	23:35:07.61 BZ
	e PP	13:54:48.53	BZ		MESJ	e P	23:34:51.61 BZ 0.041 1.5
MTE	e P	13:51:44.79	BZ	1.707 0.9		e pP	23:35:08.00 BZ
	e pP	13:53:47.04	BZ		PVIS	e P	23:34:51.50 BZ
	e PP	13:54:43.65	BZ			e pP	23:35:07.75 BZ
	e S	14:01:03.90	LE		POLO	e P	23:34:53.75 BZ 0.034 1.7
	i -	14:04:37.16	LZ			e pP	23:35:08.85 BZ
	i -	14:04:38.78	LN		EVO	e P	23:34:52.75 BZ 0.031 1.6
PVRL	e P	13:51:47.45	SZ	1.881 1.0		e pP	23:35:09.41 BZ
	e pP	13:53:49.79	SZ		PVRL	e P	23:34:54.46 SZ 0.044 1.6
	e PP	13:54:50.73	SZ			e pP	23:35:09.52 SZ
POLO	e P	13:51:47.57	BZ	0.510 1.6	PCVE	e P	23:34:54.05 BZ
	e pP	13:53:45.81	BZ			e pP	23:35:10.03 BZ
	e PP	13:54:52.36	BZ		PBEJ	e P	23:34:52.85 SZ 0.033 1.6
PGAV	e P	13:51:47.89	BZ	0.923 1.6		e pP	23:35:10.74 SZ
	e pP	13:53:50.34	BZ		PBDV	e P	23:34:53.23 BZ
	e PP	13:54:44.28	BZ			e pP	23:35:11.25 BZ
	e S	14:01:06.64	LE		MTE	e P	23:34:52.75 BZ
	i -	14:04:43.45	LN			e pP	23:35:10.94 BZ
MVO	e P	13:51:49.34	BZ	1.345 1.7		e S	23:44:29.78 LE
	e pP	13:53:51.26	BZ			e LQ	23:54:53.85 LN
	e PP	13:54:49.45	BZ			e LR	23:58:16.67 LZ 4.430 22
	e S	14:01:12.73	LN		PESTR	e P	23:34:50.91 BZ
	i -	14:04:41.92	LN			e pP	23:35:11.19 BZ
PBRG	e P	13:51:52.17	BZ	0.985 1.8	PCBR	e P	23:34:53.70 SZ 0.063 1.5
	e pP	13:53:53.63	BZ			e pP	23:35:11.48 SZ
	e PP	13:54:49.94	BZ		PVAQ	e P	23:34:55.00 BZ
						e pP	23:35:11.17 BZ
						e S	23:44:30.51 LE
						e LQ	23:54:53.46 LN
						e LR	23:58:23.75 LZ 4.915 20





PVAQ	e PKPdf	04:12:23.58	BZ		
	e SS	04:30:17.62	LE		
	e LQ	04:48:54.81	LE		
	e LR	04:58:47.64	LZ	2.463	22
MESJ	e PKPdf	04:12:22.58	BZ		
PCVE	e PKPdf	04:12:22.91	BZ		
PNCL	e PKPdf	04:12:22.80	BZ		
MORF	e PKPdf	04:12:24.45	BZ		

**05-Abr Ho 07:43:20.4 ML 1.9**  
**Lat 36.652°N Lon 07.002°W Prof 36\***  
**Região: Golfo de Cádiz Rms 0.3**  
**AxMax 3.4 AxMin 2.3 Ang 27 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	07:43:36.16		HZ		
	e S	07:43:48.06		HN		
PBDV	e P	07:43:36.26		HZ	0.007	0.6
	e S	07:43:48.35		HN		
PCVE	e P	07:43:40.90		HZ	0.006	0.4
	e S	07:43:56.29		HE		
MORF	e P	07:43:43.10		HZ	0.006	0.1
	e S	07:44:01.28		HN		
PBAR	e P	c 07:43:44.03		HZ	0.007	0.2
	e S	07:44:01.84		HN		
MESJ	e P	07:43:44.34		HZ	0.008	1.5
	e S	07:44:01.63		HN		
PFVI	e P	07:43:44.01		HZ	0.010	0.5
	e S	07:44:02.32		HN		
PTEO	e P	c 07:43:45.83		EZ		
	e S	07:44:04.74		EN		
PNCL	e P	07:43:49.42		HZ	0.003	0.2
	e S	07:44:10.62		HE		
EVO	e S	07:44:15.00		HN	0.014	0.1
PESTR	e P	07:43:54.07		HZ		
	e S	07:44:19.23		HE		
PMTG	e S	07:44:27.43		HE	0.004	0.4
PMRV	e P	07:44:01.47		HZ	0.003	0.2
	e S	07:44:32.55		HN		
PCBR	e P	07:44:07.63		EZ	0.003	0.2
	e S	07:44:42.80		EN		

**05-Abr Ho 09:07:59.3 Distante (NEIC) MW 5.8**  
**Lat 18.331°S Lon 177.893°W Prof 507**  
**Região: Fiji Islands Region**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e PKPdf	09:26:55.49		BZ		
PCBR	e PKPdf	09:26:56.70		SZ		
PMRV	e PKPdf	09:26:56.28		BZ		
PNCL	e PKPab	09:27:33.83		BZ		
PBEJ	e PKPdf	09:26:58.80		SZ		
MESJ	e PKPdf	09:26:58.31		BZ		
PBAR	e PKPdf	09:26:58.31		BZ		
MORF	e PKPdf	09:26:58.75		BZ		

**05-Abr Ho 11:12:10.1 Distante (NEIC) MW 5.6**  
**Lat 20.382°S Lon 70.606°W Prof 35**  
**Região: Near Coast of Northern Chile**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMOZ	e P	11:23:39.33		BZ		
PFVI	e P	11:24:24.39		BZ	0.155	1.7
MORF	e P	11:24:25.94		BZ	0.078	1.7
	e pP	11:24:38.42		BZ		
PSER	e P	11:24:27.59		BZ	0.233	1.5
PBDV	e P	11:24:27.51		BZ	0.112	1.6
PNCL	e P	11:24:27.80		BZ	0.047	1.8
MESJ	e P	11:24:27.98		BZ	0.054	1.6
	e pP	11:24:40.88		BZ		
PCVE	e P	11:24:28.16		BZ	0.062	1.9
	e pP	11:24:41.69		BZ		
PVAQ	e P	11:24:28.04		BZ	0.075	2.0
	e pP	11:24:42.06		BZ		
PBEJ	e P	11:24:29.27		SZ	0.030	1.6
EVO	e pP	11:24:42.80		BZ		
PMTG	e P	11:24:31.59		BZ	0.036	1.4
PBAR	e P	11:24:32.62		BZ	0.028	1.6
	e pP	11:24:45.45		BZ		
PCAS	e P	11:24:32.97		BZ		
	e pP	11:24:45.85		BZ		

MTE	e P	11:24:37.69	BZ	0.043	1.9
MVO	e P	11:24:40.90	BZ	0.045	1.5
	e pP	11:24:54.23	BZ		
PBRG	e P	11:24:43.42	BZ	0.041	1.6
	e pP	11:24:57.11	BZ		

**05-Abr Ho 15:07:59.4 Distante (NEIC) MB 5.2**  
**Lat 41.169°N Lon 87.784°E Prof 21**  
**Região: Southern Xinjiang, China**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	15:18:52.27		BZ	0.040	1.7
	e pP	15:18:58.78		BZ		
MVO	e P	15:18:54.16		BZ	0.040	1.8
	e pP	15:19:02.90		BZ		
PVIS	e P	15:18:59.84		BZ		
PMRV	e P	15:19:02.58		BZ	0.028	1.7
	e pP	15:19:09.76		BZ		
PCAS	e P	15:19:04.89		BZ		
PBAR	e P	15:19:06.11		BZ	0.036	1.6
	e pP	15:19:12.95		BZ		
EVO	e P	15:19:08.42		BZ		
PBEJ	e P	15:19:09.94		SZ		
PVAQ	e P	15:19:10.73		BZ		
MESJ	e P	15:19:12.42		BZ	0.050	1.9
	e pP	15:19:19.20		BZ		
PNCL	e P	15:19:12.31		BZ	0.070	1.7
GGNV	e P	15:19:11.35		BZ	0.111	1.8
PBDV	e P	15:19:12.47		BZ	0.075	1.8

**05-Abr Ho 18:59:43.6 ML 1.7**  
**Lat 36.258°N Lon 09.741°W Prof 31\***  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 8.7 AxMin 5.7 Ang 122 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	d 19:00:01.97		HZ	0.007	0.6
	e S	19:00:15.66		HE		
MORF	e P	c 19:00:05.11		HZ	0.007	0.1
	e S	19:00:21.03		HE		
PTEO	e P	19:00:07.56		EZ	0.006	0.8
	e S	19:00:25.03		EE		
PBDV	e S	19:00:30.51		HE	0.003	0.8
PCVE	e S	19:00:35.26		HN	0.002	0.5
PVAQ	e P	19:00:13.71		HZ	0.004	0.1
	e S	19:00:35.79		HE		
MESJ	e S	19:00:36.77		HE	0.002	0.3
PNCL	e P	19:00:14.87		HZ	0.002	0.1
	e S	19:00:38.30		HN		
PBEJ	e S	19:00:44.10		EN	0.002	0.2
PACT	e S	19:00:53.02		BN		
EVO	e P	19:00:22.34		HZ	0.005	0.3
	e S	19:00:51.71		HN		
PBAR	e P	19:00:27.55		HZ	0.001	0.5
	e S	19:00:57.10		HN		
PMTG	e P	19:00:27.99		HZ	0.002	0.8
	e S	19:01:01.47		HE		
PESTR	e S	19:01:03.27		HN		
PMRV	e P	c 19:00:36.25		HZ	0.001	0.2
	e S	19:01:15.67		HN		

**05-Abr Ho 19:29:16.5 Distante (NEIC) MW 5.3**  
**Lat 33.837°N Lon 119.726°W Prof 10**  
**Região: Southern California**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAR	e P	19:41:37.94		BZ	0.163	1.3
PGAV	e LR	20:13:53.14		LZ	0.536	18
PBRG	e P	19:41:45.14		BZ	0.055	1.7
PVIS	e P	19:41:47.97		BZ		
MVO	e P	19:41:48.65		BZ	0.042	1.5
	e LR	20:12:56.20		LZ	0.610	18
MTE	e P	19:41:50.78		BZ	0.056	1.4
	e LR	20:12:01.47		LZ	0.493	18
PCBR	e P	19:41:50.60		SZ	0.058	1.8
PMRV	e P	19:41:52.20		BZ	0.079	1.4
	e LR	20:12:37.90		LZ	0.437	22
PNCL	e P	19:41:53.04		BZ		
MESJ	e P	19:41:57.53		BZ		
PCVE	e P	19:41:57.93		BZ	0.040	1.4

PBAR e P 19:41:57.19 BZ 0.036 1.6  
PBDV e P 19:41:57.15 BZ 0.058 1.8  
PVAQ e P 19:41:57.67 BZ 0.039 2.0  
e LR 20:13:47.92 LZ 0.590 18

**05-Abr Ho 21:49:25.5 ML 2.0**  
**Lat 34.450°N Lon 04.414°W Prof 6\***  
**Região: NE Fez (Marr) Rms 0.4**  
**AxMax 7.5 AxMin 2.3 Ang 84 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	21:50:25.77		HZ	0.003	0.7
	e S	21:51:11.40		HN		
PBDV	e P	21:50:25.79		HZ	0.003	0.9
	e S	21:51:11.11		HN		
PBAR	e P	21:50:31.70		HZ	0.001	0.5
	e S	21:51:19.00		HE		
PCVE	e P	21:50:32.27		HZ	0.002	0.5
	e S	21:51:20.18		HE		
MORF	e P	21:50:34.58		HZ	0.002	1.1
	e S	21:51:23.27		HE		
PFVI	e P	21:50:32.94		HZ		
	e S	21:51:23.84		HE		
MESJ	e P	21:50:34.36		HZ	0.002	0.8
	e S	21:51:25.41		HN		
PNCL	e P	21:50:39.41		HZ	0.002	0.5
	e S	21:51:34.88		HE		
EVO	e P	21:50:40.61		HZ		
	e S	21:51:35.88		HN		
PESTR	e P	21:50:43.05		HZ		
PMRV	e P	21:50:48.04		HZ		
	e S	21:51:48.05		HN		
PMTG	e P	21:50:47.84		HZ		
	e S	21:51:49.82		HE		
PCBR	e P	21:50:53.53		EZ		

**05-Abr Ho 21:53:06.3 ML 1.3**  
**Lat 36.682°N Lon 09.853°W Prof 16**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 11.1 AxMin 8.6 Ang 119 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	21:53:23.43		HZ	0.005	0.8
	e S	21:53:35.74		HE		
MORF	e P	21:53:26.52		HZ	0.002	0.2
	e S	21:53:41.07		HN		
PTEO	e S	21:53:43.70		EE		
MESJ	e P	21:53:33.58		HZ		
	e S	21:53:55.29		HE		
PNCL	e S	21:53:55.98		HE	0.002	0.6
PVAQ	e P	21:53:36.19		HZ		
	e S	21:53:57.97		HN		
EVO	e S	21:54:09.77		HE	0.002	0.4
PBAR	e S	21:54:18.40		HE		
PMTG	e S	21:54:18.61		HN	0.002	0.7
PESTR	e S	21:54:21.45		HN		
PMRV	e S	21:54:33.98		HE		

**06-Abr Ho 00:40:17.3 Distante (NEIC) MW 5.0**  
**Lat 15.211°S Lon 75.523°W Prof 10**  
**Região: Near Coast of Peru**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAR	e P	00:51:53.44		BZ	0.102	1.5
MORF	e P	00:52:37.61		BZ	0.062	1.6
PTEO	e P	00:52:37.61		SZ	0.068	1.5
PNCL	e P	00:52:39.15		BZ	0.039	1.7
MESJ	e P	00:52:39.84		BZ	0.046	1.8
PCVE	e P	00:52:40.11		BZ	0.052	1.6
PBEJ	e P	00:52:41.45		SZ	0.043	1.6
PMTG	e P	00:52:42.09		BZ	0.046	1.3
PBAR	e P	00:52:44.49		BZ	0.035	1.5
PMRV	e P	00:52:44.26		BZ	0.031	1.5
PCBR	e P	00:52:45.94		SZ	0.028	2.1
PVIS	e P	00:52:46.39		BZ		

**06-Abr Ho 02:29:03.1 ML 0.6**  
**Lat 37.300°N Lon 08.573°W Prof 14\***  
**Região: SW Monchique Rms 0.3**  
**AxMax 3.2 AxMin 2.5 Ang 121 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e P	02:29:05.26		HZ	0.002	0.2
	e S	02:29:07.77		HE		
PFVI	e P	02:29:08.38		HZ	0.006	0.5
	e S	02:29:12.36		HN		
PTEO	e P	02:29:08.50		EZ	0.009	0.7
	e S	02:29:12.45		EN		
PBDV	e S	02:29:20.29		HE		
PCVE	e P	02:29:12.94		HZ		
MESJ	e S	02:29:22.76		HE		
PVAQ	e S	02:29:24.43		HN	0.011	0.8
PNCL	e S	02:29:28.90		HE	0.004	0.7

**06-Abr Ho 07:21:25.5 ML 0.9**  
**Lat 36.774°N Lon 08.960°W Prof 27**  
**Região: S Cabo S.Vicente Rms 0.3**  
**AxMax 9.8 AxMin 7.7 Ang 89 ErrZ 5**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	07:21:33.36		HZ	0.002	0.1
	e S	07:21:39.64		HN		
MORF	e P	07:21:36.46		HZ		
	e S	07:21:44.58		HN		
PTEO	e P	07:21:39.38		EZ		
	e S	07:21:50.17		EN		
PBDV	e S	07:21:53.78		HN	0.007	0.7
PCVE	e S	07:21:59.03		HN		
PVAQ	e P	07:21:44.97		HZ	0.001	0.1
	e S	07:21:59.19		HE		

**06-Abr Ho 07:47:13.4 ML 1.1**  
**Lat 36.828°N Lon 08.423°W Prof 5\***  
**Região: SW Albufeira Rms 0.3**  
**AxMax 5.9 AxMin 3.6 Ang 179 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	07:47:21.39		HZ	0.007	0.4
	e S	07:47:27.88		HN		
MORF	e P	07:47:22.75		HZ	0.011	0.1
	e S	07:47:29.92		HN		
PBDV	e P	07:47:24.44		HZ	0.004	0.7
	e S	07:47:31.92		HN		
PVAQ	e P	07:47:27.70		HZ	0.003	0.3
	e S	07:47:37.78		HN		
PCVE	e P	07:47:28.10		HZ	0.001	0.3
	e S	07:47:40.81		HE		
MESJ	e S	07:47:45.85		HE		
PNCL	e S	07:47:53.77		HE		
PBAR	e S	07:48:05.63		HN		

**06-Abr Ho 09:55:41.6 ML 1.7**  
**Lat 36.435°N Lon 07.285°W Prof 33**  
**Região: Golfo de Cádiz Rms 0.3**  
**AxMax 4.9 AxMin 3.6 Ang 8 ErrZ 9**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	09:55:57.65		HZ	0.006	0.4
	e S	09:56:09.37		HE		
PVAQ	e P	09:55:58.59		HZ	0.020	0.5
	e S	09:56:11.10		HN		
PCVE	e P	09:56:03.00		HZ	0.005	0.3
	e S	09:56:18.81		HN		
MORF	e P	09:56:03.82		HZ	0.004	0.2
	e S	09:56:19.89		HN		
PFVI	e S	09:56:20.30		HN	0.006	0.6
MESJ	e P	09:56:06.35		HZ	0.005	1.3
	e S	09:56:24.72		HN		
PTEO	e P	09:56:06.45		EZ		
PBEJ	e S	09:56:26.15		EE		
PBAR	e P	09:56:08.71		HZ	0.003	0.1
	e S	09:56:28.59		HE		
PNCL	e P	09:56:11.17		HZ	0.002	0.2
	e S	09:56:32.60		HE		
EVO	e S	09:56:39.52		HN		
PESTR	e S	09:56:44.83		HE		







PSBE	e Sn	01:46:22.82	HE	0.078	0.5
COI	e Sn	01:46:23.14	HE	0.123	0.6
	e Sg	01:46:47.58	HN		
PSES	e Sg	01:46:46.51	HN	0.107	0.6
GGNV	e Sg	01:46:52.02	HN	0.100	0.4
PBRG	e Sg	01:46:48.92	HN	0.029	0.5
PVRL	e Sn	01:46:28.92	SE	0.021	0.3
	e Sg	01:46:52.96	SN		
PTO	e Sg	01:47:06.03	SN	0.036	0.5
PCAB	e Sg	01:47:09.61	HE	0.037	0.6
PGAV	e Sg	01:47:18.63	HE	0.030	1.0

**07-Abr Ho 01:42:40.5 ML 3.7**  
**Lat 37.871°N Lon 03.230°W Prof 12**  
**Região: NW Almeria (ESP) Rms 0.4**  
**AxMax 1.8 AxMin 1.6 Ang 34 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	01:43:26.60		HZ	0.175	0.5
	e Pg	01:43:35.09		HZ		
	e Sn	01:44:02.31		HE		
	e Sg	01:44:13.71		HN		
PESTR	e Pn	01:43:34.00		HZ	0.176	0.6
	e Pg	01:43:45.68		HZ		
	e Sn	01:44:15.56		HE		
	e Sg	01:44:30.31		HN		
PVAQ	e Pn	01:43:34.05		HZ	0.165	0.4
	e Sn	01:44:14.87		HE		
	e Sg	01:44:31.42		HN		
PMRV	e Pn	01:43:34.63		HZ	0.198	0.6
	e Pg	01:43:46.15		HZ		
	e Sn	01:44:16.21		HN		
	e Sg	01:44:32.12		HE		
PBEJ	e Pn	01:43:35.90		EZ	0.074	0.6
	e Sn	01:44:17.28		EN		
	e Sg	01:44:32.33		EN		
PBDV	e Pn	01:43:37.08		HZ	0.099	0.4
	e Sn	01:44:20.69		HE		
	e Sg	01:44:37.48		HN		
PCVE	e Pn	01:43:37.87		HZ	0.109	0.5
	e Pg	01:43:47.81		HZ		
	e Sn	01:44:21.69		HE		
	e Sg	01:44:37.48		HE		
PCBR	e Pn	01:43:38.14		EZ	0.133	0.6
	e Sn	01:44:22.37		EE		
	e Sg	01:44:40.16		EN		
MESJ	e Pn	01:43:39.64		HZ	0.081	0.4
	e Sn	01:44:22.67		HN		
	e Sg	01:44:41.97		HN		
PMTG	e Pn	01:43:41.80		HZ	0.167	0.5
	e Sn	01:44:26.95		HN		
	e Sg	01:44:46.58		HN		
PNCL	e Pn	01:43:43.47		HZ	0.096	0.5
	e Sn	01:44:28.43		HN		
	e Sg	01:44:49.36		HN		
MTE	e Pn	01:43:44.08		HZ	0.151	0.6
	e Pg	01:43:57.79		HZ		
	e Sn	01:44:30.81		HE		
	e Sg	01:44:50.65		HN		
MORF	e Pn	01:43:44.96		HZ	0.052	0.6
	e Sn	01:44:34.11		HN		
	e Sg	01:44:53.17		HE		
PTEO	e Sn	01:44:34.61		EN	0.154	0.6
	e Sg	01:44:53.82		EE		
MVO	e Pn	01:43:46.17		HZ	0.066	0.6
	e Pg	01:44:03.21		HZ		
	e Sn	01:44:35.59		HN		
	e Sg	01:44:56.56		HN		
PACT	e Sn	01:44:39.05		BE	0.156	0.5
	e Sg	01:45:01.62		BN		
PFVI	e Pn	01:43:47.71		HZ	0.056	0.7
	e Sn	01:44:38.23		HE		
PVIS	e Pn	01:43:49.07		HZ	0.051	0.7
	e Pg	01:44:04.26		HZ		
	e Sn	01:44:40.86		HE		
	e Sg	01:45:02.60		HE		
PCAS	e Pn	01:43:49.57		HZ	0.165	0.7
	e Sn	01:44:41.43		HE		
	e Sg	01:45:05.73		HE		

PSBE	e Pn	01:43:49.60	HZ	0.136	0.6
	e Sn	01:44:41.78	HE		
	e Sg	01:45:03.82	HN		
COI	e Pn	01:43:50.00	HZ	0.163	0.6
	e Sn	01:44:41.27	HN		
	e Sg	01:45:07.13	HN		
PSES	e Sg	01:45:07.63	HE	0.137	0.6
GGNV	e Sg	01:45:09.72	HN	0.117	0.6
PBRG	e Pn	01:43:51.60	HZ	0.028	0.5
	e Pg	01:44:09.75	HZ		
	e Sg	01:45:09.13	HN		
PVRL	e Pn	01:43:52.31	SZ	0.039	0.6
	e Sn	01:44:46.43	SE		
	e Sg	01:45:10.44	SN		
PTO	e Sg	01:45:28.96	SN	0.047	0.5
PCAB	e Sg	01:45:28.07	HN	0.051	0.9
PGAV	e Pn	01:44:03.19	HZ	0.040	0.8
	e Sn	01:45:05.10	HN		
	e Sg	01:45:36.56	HE		

**07-Abr Ho 01:49:12.3 ML 3.2**  
**Lat 37.875°N Lon 03.238°W Prof 7**  
**Região: NW Almeria (ESP) Rms 0.5**  
**AxMax 2.4 AxMin 1.9 Ang 41 ErrZ 3**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	01:49:58.52		HZ	0.071	0.6
	e Pg	01:50:05.70		HZ		
	e Sn	01:50:34.49		HE		
	e Sg	01:50:45.90		HN		
PESTR	e Pn	01:50:05.86		HZ	0.061	0.7
	e Pg	01:50:16.86		HZ		
	e Sn	01:50:47.45		HE		
	e Sg	01:51:02.37		HN		
PVAQ	e Pn	01:50:06.15		HZ	0.054	0.4
	e Sn	01:50:48.64		HN		
	e Sg	01:51:04.25		HN		
PMRV	e Pn	01:50:07.72		HZ	0.060	0.6
	e Pg	01:50:17.96		HZ		
	e Sn	01:50:47.98		HN		
	e Sg	01:51:05.24		HN		
PBEJ	e Pn	01:50:07.15		EZ	0.030	0.6
	e Sn	01:50:50.54		EN		
PBDV	e Pn	01:50:09.19		HZ	0.034	0.4
	e Sn	01:50:53.64		HN		
PCVE	e Pn	01:50:09.83		HZ	0.030	0.7
	e Sn	01:50:54.10		HN		
PCBR	e Pn	01:50:10.10		EZ	0.041	0.6
	e Sn	01:50:54.91		EN		
	e Sg	01:51:08.61		EE		
MESJ	e Pn	01:50:11.98		HZ	0.034	0.5
	e Sn	01:50:56.47		HN		
PMTG	e Pn	01:50:12.69		HZ	0.046	0.7
	e Sn	01:50:59.78		HE		
PNCL	e Pn	01:50:15.49		HZ	0.026	0.7
	e Sg	01:51:20.96		HN		
MTE	e Pn	01:50:15.83		HZ	0.038	0.5
	e Sg	01:51:25.55		HE		
MORF	e Pn	01:50:16.55		HZ	0.017	0.8
	e Sn	01:51:06.55		HE		
	e Sg	01:51:27.42		HN		
PTEO	e Pn	01:50:17.23		EZ	0.057	0.6
	e Sn	01:51:07.59		EE		
MVO	e Pn	01:50:18.08		HZ	0.037	0.5
	e Sg	01:51:25.98		HN		
PACT	e Pn	01:50:20.09		BZ	0.047	0.6
	e Sn	01:51:10.75		BN		
	e Sg	01:51:30.37		BN		
PFVI	e Pn	01:50:19.20		HZ	0.019	0.5
	e Sn	01:51:09.61		HN		
PVIS	e Pn	01:50:21.38		HZ	0.019	0.4
	e Sn	01:51:13.33		HE		
PCAS	e Pn	01:50:21.56		HZ	0.044	0.7
	e Sn	01:51:13.76		HN		
	e Sg	01:51:40.27		HE		
COI	e Pn	01:50:21.79		HZ	0.049	0.6
	e Sn	01:51:13.45		HE		

PSBE	e Pn	01:50:21.60	HZ	0.033	0.4			PESTR	e Sn	01:58:27.57	HN	0.005	0.6
	e Sn	01:51:13.16	HE						e Sg	01:58:42.71	HE		
	e Sg	01:51:34.48	HN					PVAQ	e Sn	01:58:27.94	HN	0.003	0.6
PBRG	e Pn	01:50:24.00	HZ	0.017	0.5				e Sg	01:58:44.33	HN		
	e Sg	01:51:40.20	HN					PMRV	e Sg	01:58:44.99	HN	0.003	0.4
PVRL	e Pn	01:50:24.08	SZ	0.015	0.4			PMTG	e Sg	01:59:00.64	HN		
	e Sn	01:51:16.26	SN					<b>07-Abr</b>					
PTO	e Sg	01:52:02.17	SE					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PCAB	e Sg	01:51:53.43	HN	0.024	0.4			PBAR	e Sn	02:04:43.51	HE	0.004	0.3
PGAV	e Sg	01:52:10.46	HE	0.014	0.5				e Sg	02:04:55.35	HN		
<b>07-Abr</b>								PESTR	e Sn	02:04:56.80	HE	0.005	0.5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				e Sg	02:05:11.34	HE		
PBAR	e Pn	01:49:51.68	HZ					PVAQ	e Sg	02:05:11.57	HN	0.003	0.5
PVAQ	e Pn	01:49:59.87	HZ					PMRV	e Sg	02:05:14.74	HE	0.004	0.6
	e Sn	01:50:41.54	HN					PCVE	e Sg	02:05:20.03	HE		
	e Sg	01:50:59.61	HN					<b>07-Abr</b>					
PMRV	e Pn	01:50:01.02	HZ					<b>Ho</b>	<b>02:39:42.9</b>			<b>ML 1.6</b>	
	e Sg	01:50:57.95	HE					<b>Lat</b>	<b>37.859°N</b>	<b>Lon</b>	<b>03.236°W</b>	<b>Prof 7</b>	
PCBR	e Pn	01:50:03.27	EZ					<b>Região:</b>	<b>NW Almeria (ESP)</b>			<b>Rms 0.4</b>	
PBDV	e Pn	01:50:03.63	HZ					<b>AxMax</b>	<b>2.6</b>	<b>AxMin</b>	<b>2.1</b>	<b>Ang 60</b>	<b>ErrZ 4</b>
	e Sg	01:51:05.55	HE					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
MESJ	e Pn	01:50:05.17	HZ					PBAR	e Sn	02:41:04.98	HE		
	e Sg	01:51:10.45	HN						e Sg	02:41:17.95	HE		
PCAS	e Pn	01:50:21.53	HZ					PESTR	e Pg	02:40:48.30	HZ		
PESTR	e Sn	01:50:40.94	HN						e Sg	02:41:36.09	HE		
	e Sg	01:50:57.55	HN					PMRV	e Pg	02:40:50.68	HZ	0.002	0.6
MORF	e Sn	01:51:01.13	HN						e Sg	02:41:36.86	HN		
PBEJ	e Sg	01:51:02.15	EE					<b>07-Abr</b>					
PCVE	e Sg	01:51:05.82	HE					<b>Ho</b>	<b>03:46:20.0</b>			<b>ML 2.5</b>	
PMTG	e Sg	01:51:14.14	HN					<b>Lat</b>	<b>33.800°N</b>	<b>Lon</b>	<b>03.865°W</b>	<b>Prof 27</b>	
PNCL	e Sg	01:51:16.37	HE					<b>Região:</b>	<b>E Fez (Marr)</b>			<b>Rms 0.4</b>	
MTE	e Sg	01:51:17.86	HN					<b>AxMax</b>	<b>6.2</b>	<b>AxMin</b>	<b>5.7</b>	<b>Ang 104</b>	<b>ErrZ 13</b>
<b>07-Abr</b>								<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
<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	03:47:29.62	HZ	0.004	0.9
PBAR	e Sn	01:52:10.50	HN	0.016	0.3				e S	03:48:21.31	HE		
	e Sg	01:52:22.64	HE					PVAQ	e P	03:47:29.53	HZ	0.004	0.2
PESTR	e Sn	01:52:24.80	HE	0.016	0.7				e S	03:48:21.33	HN		
	e Sg	01:52:40.41	HE					PBAR	e P	03:47:34.03	HZ	0.002	0.4
PMRV	e Sg	01:52:41.11	HN	0.019	0.4				e S	03:48:28.54	HE		
PVAQ	e Sg	01:52:41.43	HN	0.016	0.4			PCVE	e P	03:47:34.18	HZ	0.002	0.7
PBDV	e Sg	01:52:48.89	HN	0.008	0.9				e S	03:48:29.01	HE		
PCBR	e Sg	01:52:50.58	EN	0.011	0.5			MORF	e P	03:47:36.06	HZ	0.005	0.9
MESJ	e Sg	01:52:50.84	HN	0.008	0.4				e S	03:48:33.52	HN		
PMTG	e Sg	01:52:57.95	HN	0.017	0.6			PFVI	e P	03:47:37.43	HZ		
MTE	e Sg	01:53:00.50	HE	0.020	0.6				e S	03:48:32.72	HN		
PCAS	e Sg	01:53:14.25	HN	0.013	0.7			PBEJ	e P	03:47:36.94	EZ		
PSBE	e Sg	01:53:17.89	HN	0.012	0.6				e S	03:48:34.90	EN		
<b>07-Abr</b>								MESJ	e P	03:47:37.68	HZ	0.003	0.2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				e S	03:48:36.57	HN		
PBAR	e Sg	01:53:10.70	HN	0.015	0.4			PTEO	e P	03:47:38.72	EZ		
PVAQ	e Sg	01:53:29.68	HN	0.008	0.3				e S	03:48:38.77	EE		
PESTR	e Sg	01:53:30.03	HE	0.013	0.4			PNCL	e P	03:47:42.65	HZ	0.002	0.2
PBEJ	e Sg	01:53:30.40	EN	0.004	0.6				e S	03:48:45.03	HN		
PMRV	e Sg	01:53:30.64	HE	0.015	0.7			PESTR	e P	03:47:45.21	HZ		
PCBR	e Sg	01:53:36.73	EN	0.011	0.6				e S	03:48:49.13	HN		
PMTG	e Sg	01:53:46.17	HN	0.011	0.5			PMRV	e P	03:47:51.05	HZ		
PCAS	e Sg	01:54:03.06	HE	0.009	0.5				e S	03:48:58.92	HE		
PSBE	e Sg	01:54:04.06	HN	0.011	0.7			PMTG	e P	03:47:51.60	HZ		
<b>07-Abr</b>									e S	03:48:59.88	HE		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>			PCBR	e P	03:47:56.68	EZ		
PBAR	e Sn	01:55:56.46	HE	0.002	0.3			PSBE	e P	03:48:00.05	HZ		
	e Sg	01:56:08.51	HE					PVIS	e P	03:48:09.73	HZ		
PESTR	e Sn	01:56:09.92	HE					<b>07-Abr</b>					
	e Sg	01:56:25.88	HN					<b>Ho</b>	<b>03:49:52.1</b>			<b>ML 2.8</b>	
PVAQ	e Sn	01:56:11.17	HE	0.003	0.4			<b>Lat</b>	<b>37.871°N</b>	<b>Lon</b>	<b>03.260°W</b>	<b>Prof 11</b>	
	e Sg	01:56:26.95	HN					<b>Região:</b>	<b>NW Almeria (ESP)</b>			<b>Rms 0.4</b>	
PMRV	e Sg	01:56:29.01	HE	0.003	0.8			<b>AxMax</b>	<b>2.2</b>	<b>AxMin</b>	<b>1.8</b>	<b>Ang 171</b>	<b>ErrZ 4</b>
MESJ	e Sg	01:56:37.21	HN					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
<b>07-Abr</b>								PBAR	e Pn	03:50:38.05	HZ	0.029	0.4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				e Sn	03:51:13.79	HN		
PBAR	e Sn	01:58:14.84	HE	0.003	0.5				e Sg	03:51:25.58	HE		
	e Sg	01:58:25.83	HE					PESTR	e Pn	03:50:45.36	HZ	0.026	0.7
<b>07-Abr</b>									e Sn	03:51:27.04	HE		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>				e Sg	03:51:42.20	HE		
PBAR	e Sn	01:58:14.84	HE	0.003	0.5			PVAQ	e Pn	03:50:45.74	HZ	0.023	0.4
	e Sg	01:58:25.83	HE						e Sn	03:51:26.56	HN		
<b>07-Abr</b>									e Sg	03:51:43.61	HE		



PNCL	e P	12:08:23.34	HZ	0.003	0.1	PBEJ	e Sn	22:12:43.05	EE	0.008	0.5	
	e S	12:08:43.22	HN				e Sg	22:12:58.20	EE			
PVAQ	e P	12:08:23.98	HZ			PBDV	e Sn	22:12:46.69	HN	0.010	0.6	
	e S	12:08:44.13	HN				e Sg	22:12:01.35	HE			
PBEJ	e S	12:08:49.92	EN			PCVE	e Pn	22:12:03.11	HZ	0.009	1.0	
PACT	e S	12:08:57.10	BN				e Sg	22:13:02.72	HN			
PBAR	e S	12:09:04.86	HE			MESJ	e Pn	22:12:05.46	HZ	0.007	0.3	
PMTG	e P	12:08:36.45	HZ	0.002	0.3		e Sn	22:12:49.03	HN			
	e S	12:09:06.11	HE				e Sg	22:13:06.66	HE			
PESTR	e S	12:09:08.27	HN			PMTG	e Sn	22:12:52.72	HE	0.015	0.6	
PMRV	e P	12:08:44.82	HZ	0.002	0.5		e Sg	22:13:12.99	HN			
	e S	12:09:20.74	HE			PNCL	e Sg	22:13:13.79	HE	0.008	0.5	
PCAS	e S	12:09:27.68	HN			MTE	e Sg	22:13:17.38	HE	0.017	0.6	
						MORF	e Sn	22:12:59.11	HE	0.006	0.9	
							e Sg	22:13:19.63	HE			
<b>08-Abr</b>						PTEO	e Sn	22:13:00.93	EE			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PBAR	e Sn	15:56:33.77		HE	0.003	0.6	MVO	e Pn	22:12:11.61	HZ	0.008	0.6
	e Sg	15:56:44.92		HE				e Sg	22:13:22.62	HE		
PVAQ	e Sn	15:56:47.59		HN			PACT	e Sn	22:13:02.01	BE		
PESTR	e Sg	15:57:04.43		HE				e Sg	22:13:29.07	BE		
PMRV	e Sg	15:57:06.24		HN			PVIS	e Pn	22:12:14.27	HZ	0.006	1.0
								e Sn	22:13:06.97	HE		
								e Sg	22:13:30.37	HN		
<b>08-Abr</b>	<b>Ho</b>	<b>19:56:19.5</b>			<b>ML 2.3</b>							
	<b>Lat</b>	<b>37.873°N</b>	<b>Lon</b>	<b>03.210°W</b>	<b>Prof 9</b>							
	<b>Região:</b>	<b>NW Almeria (ESP)</b>			<b>Rms 0.4</b>							
	<b>AxMax</b>	<b>2.2</b>	<b>AxMin</b>	<b>2.1</b>	<b>Ang 44</b>	<b>ErrZ 3</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PBAR	e Pn	19:57:06.47		HZ	0.005	0.5						
	e Pg	19:57:15.20		HZ								
	e Sn	19:57:41.44		HN								
	e Sg	19:57:54.63		HN								
PESTR	e Pn	19:57:15.56		HZ	0.005	1.1						
	e Pg	19:57:24.93		HZ								
	e Sn	19:57:55.13		HE								
	e Sg	19:58:12.19		HE								
PVAQ	e Pn	19:57:13.63		HZ	0.004	0.3						
	e Sn	19:57:55.31		HE								
	e Sg	19:58:11.84		HN								
PMRV	e Pn	19:57:15.09		HZ	0.007	0.6						
	e Pg	19:57:26.63		HZ								
	e Sn	19:57:55.86		HN								
	e Sg	19:58:13.07		HN								
PCBR	e Pn	19:57:19.10		EZ	0.004	0.6						
	e Sn	19:58:01.91		EE								
	e Sg	19:58:21.81		EE								
MESJ	e Sn	19:58:02.42		HN	0.004	0.5						
	e Sg	19:58:24.66		HE								
PMTG	e Pn	19:57:23.58		HZ	0.006	0.9						
	e Sn	19:58:07.20		HE								
	e Sg	19:58:28.34		HN								
PNCL	e Pg	19:57:38.76		HZ	0.005	0.7						
	e Sn	19:58:10.01		HE								
	e Sg	19:58:28.55		HE								
MVO	e Sg	19:58:41.06		HE	0.004	0.2						
PACT	e Pg	19:57:40.84		BZ								
PVIS	e Sg	19:58:42.51		HN								
PCAS	e Sn	19:58:21.25		HN	0.007	0.5						
	e Sg	19:58:45.10		HE								
<b>08-Abr</b>	<b>Ho</b>	<b>22:11:05.9</b>			<b>ML 2.6</b>							
	<b>Lat</b>	<b>37.826°N</b>	<b>Lon</b>	<b>03.252°W</b>	<b>Prof 11</b>							
	<b>Região:</b>	<b>NW Almeria (ESP)</b>			<b>Rms 0.4</b>							
	<b>AxMax</b>	<b>2.0</b>	<b>AxMin</b>	<b>1.9</b>	<b>Ang 17</b>	<b>ErrZ 4</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PBAR	e Pn	22:11:51.70		HZ	0.018	0.3						
	e Sn	22:12:27.51		HE								
	e Sg	22:12:38.61		HN								
PESTR	e Pn	22:12:00.27		HZ	0.013	0.6						
	e Sn	22:12:40.74		HE								
	e Sg	22:12:55.54		HE								
PVAQ	e Pn	22:12:00.31		HZ	0.013	0.5						
	e Sn	22:12:39.78		HE								
	e Sg	22:12:55.06		HE								
PMRV	e Pn	22:12:01.17		HZ	0.018	0.3						
	e Pg	22:12:10.87		HZ								
	e Sn	22:12:42.07		HN								
	e Sg	22:12:58.50		HE								
<b>09-Abr</b>	<b>Ho</b>	<b>03:37:36.5</b>	<b>Distante (NEIC)</b>	<b>MW 4.8</b>								
	<b>Lat</b>	<b>08.594°N</b>	<b>Lon</b>	<b>84.116°W</b>	<b>Prof 10</b>							
	<b>Região:</b>	<b>Off Coast of Costa Rica</b>										
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PFVI	e P	03:49:07.58		BZ	0.159	1.3						
MORF	e P	03:49:08.65		BZ	0.089	1.5						
	i	03:49:15.62		BZ								
PCAS	e P	03:49:09.05		BZ	0.072	1.4						
	i	03:49:16.22		BZ								
COI	e P	03:49:05.54		BZ	0.103	1.4						
	i	03:49:17.09		BZ								
MESJ	e P	03:49:07.85		BZ	0.058	1.1						
	i	03:49:17.33		BZ								
PCVE	e P	03:49:12.03		BZ	0.032	1.4						
	i	03:49:18.58		BZ								
PBDV	e P	03:49:12.15		BZ	0.098	1.7						
PVIS	e P	03:49:10.33		BZ								
	i	03:49:18.90		BZ								
PESTR	e P	03:49:12.92		BZ	0.059	1.6						
PCBR	e P	03:49:11.86		SZ	0.060	1.5						
	i	03:49:20.53		SZ								
PMRV	e P	03:49:13.58		BZ	0.044	1.7						
	i	03:49:20.71		BZ								
PBAR	e P	03:49:15.78		BZ	0.073	1.1						
	i	03:49:22.66		BZ								
MVO	e P	03:49:15.95		BZ	0.021	0.8						
	i	03:49:23.06		BZ								
<b>09-Abr</b>	<b>Ho</b>	<b>08:00:46.0</b>			<b>ML 1.4</b>							
	<b>Lat</b>	<b>37.100°N</b>	<b>Lon</b>	<b>05.531°W</b>	<b>Prof 20</b>							
	<b>Região:</b>	<b>SE Sevilha (ESP)</b>			<b>Rms 0.5</b>							
	<b>AxMax</b>	<b>8.2</b>	<b>AxMin</b>	<b>3.5</b>	<b>Ang 127</b>	<b>ErrZ 7</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PBAR	e Pn	08:01:11.67		HZ	0.002	0.6						
	e Sn	08:01:32.16		HE								
PVAQ	e Pn	08:01:13.91		HZ	0.003	0.5						
	e Sg	08:01:41.02		HE								
PBDV	e Pn	08:01:16.00		HZ								
	e Sg	08:01:45.80		HN								
<b>09-Abr</b>	<b>Ho</b>	<b>08:54:59.3</b>			<b>ML 3.1</b>							
	<b>Lat</b>	<b>31.194°N</b>	<b>Lon</b>	<b>07.485°W</b>	<b>Prof 4*</b>							
	<b>Região:</b>	<b>Morocco</b>			<b>Rms 0.5</b>							
	<b>AxMax</b>	<b>7.6</b>	<b>AxMin</b>	<b>6.0</b>	<b>Ang 1</b>	<b>ErrZ 0</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>						
PFVI	e Pn	08:56:28.67		HZ	0.024	0.6						
	e Sn	08:57:35.39		HE								
PBDV	e Sn	08:57:34.66		HE	0.008	0.3						

MORF	e Pn	08:56:30.38	HZ	0.018	0.1	<b>10-Abr</b>	<b>Ho 02:49:53.9</b>	<b>ML 2.6</b>	
	e Sn	08:57:38.69	HN				<b>Lat 42.172°N</b>	<b>Lon 02.214°W</b>	<b>Prof 17</b>
PVAQ	e Pn	08:56:30.35	HZ	0.013	0.7		<b>Região: SE Logrones (ESP)</b>		<b>Rms 0.5</b>
	e Sn	08:57:38.79	HE				<b>AxMax 1.5</b>	<b>AxMin 1.2</b>	<b>Ang 114</b>
PTEO	e Pn	08:56:33.78	EZ	0.011	0.2	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
	e Sn	08:57:45.60	EE			PBRG	e Pn	02:50:45.28	HZ
PCVE	e Pn	08:56:34.11	HZ	0.010	0.6		e Sn	02:51:23.91	HE
	e Sn	08:57:44.66	HE			MVO	e Pn	02:50:50.73	HZ
MESJ	e Pn	08:56:37.39	HZ	0.010	0.5		e Pg	02:51:01.69	HZ
	e Sn	08:57:51.44	HE				e Sn	02:51:34.05	HE
PBEJ	e Sn	08:57:55.52	EE	0.008	0.2	PVRL	e Sn	02:51:43.94	SE
PNCL	e Pn	08:56:41.15	HZ	0.009	0.8		e Sg	02:52:04.47	SE
	e Sn	08:57:58.23	HN			MTE	e Pn	02:50:58.96	HZ
PBAR	e Pn	08:56:41.13	HZ	0.007	0.4		e Sn	02:51:49.28	HN
	e Sn	08:57:56.63	HE				e Sg	02:52:11.16	HE
PESTR	e Pn	08:56:51.33	HZ	0.004	0.5	PVIS	e Pn	02:51:00.18	HZ
	e Sn	08:58:14.15	HE			PGAV	e Pn	02:51:01.07	HZ
PMTG	e Pn	08:56:54.89	HZ	0.006	0.5		e Sn	02:51:52.77	HN
	e Sn	08:58:19.25	HE			PCBR	e Pn	02:51:02.14	EZ
PMRV	e Pn	08:56:59.30	HZ				e Sn	02:51:54.06	EE
	e Sn	08:58:28.37	HE				e Sg	02:52:17.49	EE
PCBR	e Pn	08:57:04.59	EZ	0.003	0.1	PMRV	e Pn	02:51:04.04	HZ
	e Sn	08:58:38.19	EE				e Sn	02:51:57.97	HN
PCAS	e Pn	08:57:09.67	HZ			PESTR	e Pn	02:51:10.18	HZ
	e Sn	08:58:44.73	HN				e Sn	02:52:09.19	HN
<b>09-Abr Ho 09:08:57.3 ML 2.3</b>						PBAR	e Pn	02:51:13.61	HZ
		<b>Lat 32.465°N</b>	<b>Lon 17.066°W</b>	<b>Prof 13*</b>			e Sn	02:52:14.45	HE
		<b>Região: S Ribeira Brava (Madeira)</b>			<b>Rms 0.4</b>	PMTG	e Sg	02:52:42.53	HE
		<b>AxMax 9.9</b>	<b>AxMin 6.3</b>	<b>Ang 14</b>	<b>ErrZ 0</b>		e Pn	02:51:15.58	HZ
							e Sg	02:52:47.76	HE
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	PSBE	e Pn	02:51:18.24	HZ
PMSOL	i P	d 09:09:01.03	SZ	0.253	0.2	PNCL	e Pn	02:51:24.90	HZ
	e S	09:09:04.06	SN				e Sn	02:52:34.82	HE
FUL	i P	c 09:09:01.48	EZ	0.563	0.2	PCVE	e Pn	02:51:25.54	HZ
	e S	09:09:04.59	EN			PVAQ	e Pn	02:51:25.33	HZ
PMAR	e P	09:09:02.16	HZ	0.553	0.2		e Sn	02:52:35.77	HE
	e S	09:09:05.14	H1			PBDV	e Pn	02:51:29.36	HZ
PMOZ	e P	d 09:09:03.25	HZ	0.164	0.3	MORF	e Pn	02:51:33.84	HZ
	e S	09:09:07.91	HE			<b>10-Abr Ho 03:08:57.0 ML 1.3</b>			
PMPS	e P	09:09:09.09	SZ	0.052	0.3		<b>Lat 37.342°N</b>	<b>Lon 08.459°W</b>	<b>Prof 7</b>
	e S	09:09:18.83	SE				<b>Região: NE Monchique</b>		<b>Rms 0.3</b>
PMPST	e P	09:09:10.21	HZ	0.247	0.5		<b>AxMax 2.7</b>	<b>AxMin 1.9</b>	<b>Ang 151</b>
	e S	09:09:19.93	HE				<b>ErrZ 4</b>		
<b>09-Abr Ho 22:33:36.9 ML 1.7</b>						<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
		<b>Lat 36.224°N</b>	<b>Lon 08.110°W</b>	<b>Prof 37</b>		MORF	i Pg	c 03:09:00.11	HZ
		<b>Região: SW Faro</b>			<b>Rms 0.4</b>		e Sg	03:09:02.81	HE
		<b>AxMax 7.0</b>	<b>AxMin 4.7</b>	<b>Ang 64</b>	<b>ErrZ 96</b>	PTEO	e Pg	03:09:02.54	EZ
							e Sg	03:09:06.33	EN
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	PFVI	e Pg	03:09:03.47	HZ
PBDV	e P	22:33:54.49	HZ	0.007	0.8		e Sg	03:09:08.23	HN
	e S	22:34:07.47	HN			PBDV	e Pg	03:09:05.07	HZ
PFVI	e P	22:33:54.42	HZ				e Sg	03:09:10.82	HE
	e S	22:34:07.65	HN			PCVE	e Pg	03:09:05.37	HZ
MORF	e P	22:33:55.58	HZ	0.010	0.4		e Sg	03:09:11.46	HN
	e S	22:34:10.04	HN			MESJ	e Pg	03:09:06.94	HZ
PVAQ	e P	22:33:56.54	HZ	0.007	0.4		e Sg	03:09:14.15	HN
	e S	22:34:10.14	HN			PVAQ	e Pg	03:09:07.90	HZ
PCVE	e P	22:33:59.01	HZ	0.004	0.7		e Sg	03:09:16.22	HE
	e S	22:34:14.77	HN			PNCL	e P	03:09:11.01	HZ
PTEO	e P	22:33:59.11	EZ				e S	03:09:21.74	HE
	e S	22:34:15.69	EE			PBEJ	e P	03:09:12.01	EZ
MESJ	e P	22:34:05.51	HZ	0.004	0.3		e S	03:09:23.31	EN
	e S	22:34:20.33	HN			PBAR	e Sn	03:09:40.13	HN
PBEJ	e S	22:34:24.95	EE	0.003	0.6	PESTR	e Sg	03:09:48.55	HE
PNCL	e P	22:34:05.70	HZ	0.003	0.5		e Pg	03:09:28.88	HZ
	e S	22:34:27.54	HE			PMTG	e Sg	03:09:50.43	HE
PBAR	e P	22:34:09.29	HZ			<b>10-Abr Ho 03:11:31.7 Distante (NEIC) MW 4.7</b>			
	e S	22:34:33.04	HN				<b>Lat 43.093°N</b>	<b>Lon 13.046°E</b>	<b>Prof 5</b>
PESTR	e S	22:34:45.93	HN				<b>Região: Central Italy</b>		
PMTG	e P	22:34:18.34	HZ	0.004	0.9	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
	e S	22:34:49.86	HE			MVO	e -	03:19:13.71	LZ
PMRV	e P	22:34:24.21	HZ			MTE	e P	03:15:19.36	BZ
	e S	22:34:59.67	HE				e -	03:19:56.23	LZ
PCBR	e S	22:35:08.81	EN			PVIS	e P	03:15:22.81	BZ
						PMRV	e P	03:15:21.33	BZ
							e -	03:20:27.19	LZ

PBAR	e P	03:15:21.69	BZ
PESTR	e P	03:15:24.64	BZ
PCAS	e P	03:15:27.23	BZ
PVAQ	e P	03:15:35.00	BZ
	e -	03:20:06.55	LZ

**10-Abr Ho 04:34:36.7 ML 3.0**  
**Lat 36.635°N Lon 07.310°W Prof 31**  
**Região: Golfo de Cádiz Rms 0.5**  
**AxMax 2.7 AxMin 1.6 Ang 49 ErrZ 6**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	i P	d 04:34:50.14		HZ	0.296	0.2
	e S	04:35:00.13		HN		
PVAQ	i P	d 04:34:50.82		HZ	0.460	0.2
	e S	04:35:01.38		HN		
PCVE	e P	04:34:55.27		HZ	0.332	0.3
	e S	04:35:09.28		HN		
MORF	i Pn	d 04:34:56.53		HZ	0.183	0.1
	e Sn	04:35:11.82		HN		
PFVI	i Pn	d 04:34:57.25		HZ	0.111	0.3
	e Sn	04:35:13.42		HN		
MESJ	i Pn	d 04:34:58.80		HZ	0.151	0.3
	e Sn	04:35:15.07		HN		
PTEO	i Pn	d 04:34:59.52		EZ	0.080	0.3
	e Sn	04:35:16.65		EN		
PBEJ	e Pn	d 04:34:59.33		EZ		
	e Sn	04:35:17.48		EE		
PBAR	e Pn	04:35:00.55		HZ	0.060	0.1
	e Sn	04:35:19.46		HE		
PNCL	i Pn	d 04:35:03.68		HZ	0.062	0.1
	e Sn	04:35:23.96		HE		
PESTR	e Pn	c 04:35:09.81		HZ	0.030	0.5
	e Sn	04:35:35.50		HN		
PSSES	e Pn	04:35:11.44		HZ	0.056	0.2
	e Sn	04:35:37.75		HE		
PACT	e Pn	d 04:35:13.78		BZ	0.045	0.7
	e Sn	04:35:42.85		BE		
GGNV	e Pn	04:35:15.35		HZ	0.065	0.6
	e Sn	04:35:44.45		HN		
PMTG	e Pn	d 04:35:14.15		HZ	0.067	0.1
	e Sn	04:35:42.90		HE		
PMRV	e Pn	04:35:17.51		HZ	0.056	0.1
	e Sn	04:35:48.52		HE		
PSBE	e Pn	d 04:35:22.47		HZ	0.035	0.3
	e Sn	04:35:56.26		HN		
PCBR	e Pn	04:35:23.24		EZ	0.028	0.4
	e Sn	04:35:58.40		EE		
PCAS	e Pn	04:35:28.01		HZ	0.027	0.3
	e Sn	04:36:06.30		HN		
COI	e Pn	04:35:30.10		HZ	0.031	0.3
	e Sn	04:36:09.33		HE		
MTE	e Pn	04:35:31.03		HZ	0.031	0.5
	e Sn	04:36:11.32		HE		
PVIS	e Pn	04:35:36.12		HZ	0.016	0.2
	e Sn	04:36:19.78		HN		
MVO	e Pn	04:35:41.92		HZ	0.031	0.2
	e Sn	04:36:29.37		HN		
PVRL	e Pn	04:35:43.35		SZ	0.024	0.3
	e Sn	04:36:31.85		SN		
PCAB	e Pn	04:35:49.73		HZ	0.013	0.3
	e Sn	04:36:42.53		HE		
PBRG	e Pn	04:35:50.27		HZ	0.012	0.2
	e Sn	04:36:44.72		HE		

**10-Abr Ho 05:10:30.0 ML 1.4**  
**Lat 36.626°N Lon 07.324°W Prof 31**  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 4.9 AxMin 2.9 Ang 53 ErrZ 11**

<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	d 05:10:43.71		HZ	0.004	0.8
	e S	05:10:53.68		HE		
PVAQ	e P	05:10:44.39		HZ	0.007	0.2
	e S	05:10:54.58		HE		
PCVE	e P	05:10:48.99		HZ	0.004	0.3
	e S	05:11:02.64		HN		
MESJ	e Pn	05:10:52.42		HZ	0.003	0.3
	e Sn	05:11:08.65		HN		

PBAR	e Pn	05:10:54.26	HZ
	e Sn	05:11:12.07	HN
PNCL	e Sn	05:11:17.52	HE
PESTR	e Sn	05:11:29.20	HE
PMTG	e Pn	05:11:08.08	HZ
	e Sn	05:11:36.23	HE
PMRV	e Pn	05:11:12.16	HZ
	e Sn	05:11:41.96	HE

**10-Abr Ho 05:23:43.2 ML 1.7**  
**Lat 34.638°N Lon 09.400°W Prof 38**  
**Região: Mar de Marrocos Rms 0.5**  
**AxMax 8.2 AxMin 2.5 Ang 82 ErrZ -**

<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	05:24:48.46		HN		
MORF	e P	05:24:22.79		HZ	0.004	0.1
	e S	05:24:53.44		HE		
PBDV	e P	05:24:24.81		HZ		
	e S	05:24:56.60		HN		
PTEO	e S	05:24:58.40		EN	0.002	0.1
PVAQ	e P	05:24:29.43		HZ	0.001	0.3
	e S	05:25:01.50		HE		
PCVE	e P	05:24:29.76		HZ		
	e S	05:25:04.52		HN		
MESJ	e S	05:25:07.88		HN	0.002	0.2
PNCL	e P	05:24:34.96		HZ		
	e S	05:25:11.74		HN		
PBAR	e S	05:25:24.05		HN	0.001	0.3
PMTG	e P	05:24:47.31		HZ		
	e S	05:25:35.31		HE		
PMRV	e P	05:24:54.51		HZ		
	e S	05:25:48.78		HE		

**10-Abr Ho 06:30:29.6 ML 2.0**  
**Lat 36.636°N Lon 07.281°W Prof 31**  
**Região: Golfo de Cádiz Rms 0.6**  
**AxMax 4.3 AxMin 3.1 Ang 63 ErrZ 11**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	i P	d 06:30:43.36		HZ	0.021	0.1
	e S	06:30:53.31		HE		
PVAQ	i P	d 06:30:44.02		HZ	0.038	0.1
	e S	06:30:54.57		HN		
PCVE	i P	d 06:30:48.60		HZ	0.016	0.3
	e S	06:31:02.61		HN		
MORF	e Pn	06:30:49.78		HZ	0.022	0.1
	e Sn	06:31:04.93		HE		
PFVI	e Pn	06:30:50.74		HZ	0.014	0.5
	e Sn	06:31:06.04		HN		
MESJ	i Pn	d 06:30:52.05		HZ	0.008	0.3
	e Sn	06:31:08.41		HE		
PBEJ	i Pn	d 06:30:52.63		EZ	0.005	0.3
	e Sn	06:31:09.32		EE		
PTEO	e Pn	c 06:30:52.81		EZ	0.013	0.8
	e Sn	06:31:10.07		EN		
PBAR	e Pn	06:30:53.89		HZ	0.006	0.3
	e Sn	06:31:12.08		HN		
PNCL	i Pn	d 06:30:56.91		HZ	0.009	0.4
	e Sn	06:31:17.18		HE		
PESTR	e Pn	06:31:03.10		HZ	0.004	0.4
	e Sn	06:31:27.77		HE		
PACT	e Pn	06:31:07.08		BZ		
PMTG	e Pn	06:31:07.54		HZ	0.003	0.2
	e Sn	06:31:36.13		HE		
PMRV	e Pn	06:31:11.63		HZ	0.004	0.2
	e Sn	06:31:42.05		HE		
PSBE	e Pn	06:31:15.98		HZ		
	e Sn	06:31:51.05		HE		
PCBR	e Pn	06:31:16.62		EZ	0.003	0.7
	e Sn	06:31:51.69		EE		
PCAS	e Sn	06:31:59.57		HN		
MTE	e Pn	06:31:24.58		HZ		
	e Sn	06:32:03.20		HN		
MVO	e Sn	06:32:22.54		HE		

<b>10-Abr</b>	<b>Ho</b>	<b>06:36:24.7</b>			<b>ML 2.3</b>		
	<b>Lat</b>	<b>36.643°N</b>	<b>Lon</b>	<b>07.294°W</b>	<b>Prof 31</b>		
	<b>Região: Golfo de Cádiz</b>				<b>Rms 0.5</b>		
	<b>AxMax</b>	<b>4.0</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 52</b>	<b>ErrZ 10</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBDV	e P	06:36:38.28		HZ	0.031	0.2	
	e S	06:36:48.21		HE			
PVAQ	i P	d 06:36:38.89		HZ	0.137	0.5	
	e S	06:36:49.36		HN			
PCVE	i P	d 06:36:43.44		HZ	0.031	0.3	
	e S	06:36:57.36		HN			
MORF	e Pn	06:36:44.61		HZ	0.044	0.1	
	e Sn	06:37:00.06		HE			
PFVI	e Pn	06:36:46.25		HZ	0.019	0.3	
	e Sn	06:37:01.06		HE			
MESJ	i Pn	d 06:36:46.86		HZ	0.028	0.3	
	e Sn	06:37:02.76		HN			
PBEJ	e Pn	06:36:47.43		EZ	0.011	0.2	
	e Sn	06:37:03.79		EN			
PTEO	e Pn	06:36:47.59		EZ	0.009	0.1	
	e Sn	06:37:04.67		EN			
PBAR	e Pn	06:36:48.80		HZ	0.018	0.7	
	e Sn	06:37:06.64		HE			
PNCL	e Pn	06:36:51.74		HZ	0.009	0.1	
	e Sn	06:37:11.63		HN			
PESTR	e Pn	06:36:58.29		HZ	0.004	0.2	
	e Sn	06:37:23.61		HN			
PMTG	e Pn	06:37:02.36		HZ	0.012	0.2	
	e Sn	06:37:31.04		HN			
PMRV	e Pn	06:37:05.80		HZ	0.008	0.2	
	e Sn	06:37:36.54		HN			
PSBE	e Pn	06:37:10.66		HZ			
	e Sn	06:37:43.31		HN			
PCBR	e Pn	06:37:11.42		EZ	0.006	0.2	
	e Sn	06:37:45.98		EN			
PCAS	e Pn	06:37:16.74		HZ	0.006	0.6	
	e Sn	06:37:54.12		HE			
MTE	e Sn	06:37:59.52		HE	0.008	0.3	
MVO	e Pn	06:37:29.92		HZ	0.009	0.2	
	e Sn	06:38:17.53		HN			
PBRG	e Sn	06:38:32.49		HE	0.002	0.2	
PGAV	e Sn	06:38:38.08		HN	0.006	0.6	

<b>10-Abr</b>	<b>Ho</b>	<b>10:19:34.0</b>	<b>Distante (NEIC)</b>	<b>MW 6.2</b>			
	<b>Lat</b>	<b>30.986°S</b>	<b>Lon</b>	<b>71.557°W</b>	<b>Prof 76</b>		
	<b>Região: Near Coast of Central Chile</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PMOZ	e S	10:41:57.16		LE			
	e LR	10:58:30.73		LZ	4.763	22	
MORF	e pP	10:32:46.16		BZ			
PTEO	e pP	10:32:47.13		SZ			
PBDV	e pP	10:32:47.19		BZ			
PSSE	e pP	10:32:49.02		BZ			
PCVE	e pP	10:32:48.33		BZ			
PNCL	e pP	10:32:48.42		BZ			
MESJ	e pP	10:32:48.41		BZ			
PVAQ	e pP	10:32:49.30		BZ			
	e PP	10:36:04.33		LZ			
	e S	10:42:57.07		LN			
	e LR	11:02:44.34		LZ	6.964	20	
PBEJ	e pP	10:32:49.51		SZ			
PMTG	e pP	10:32:51.52		BZ			
PBAR	e pP	10:32:52.53		BZ			
PESTR	e pP	10:32:52.74		BZ			
PCAS	e pP	10:32:53.81		BZ			
PMRV	e pP	10:32:55.54		BZ			
	e PP	10:36:14.85		LZ			
	e S	10:43:02.36		LN			
	e LR	11:03:24.33		LZ	5.563	24	
PCBR	e pP	10:32:55.22		SZ			
PVIS	e pP	10:32:57.49		BZ			
MTE	e pP	10:32:55.29		BZ			
	e PP	10:36:21.08		LZ			
	e S	10:43:04.98		LE			
	e LR	11:03:30.99		LZ	7.221	20	
PVRL	e pP	10:32:59.62		SZ			

PGAV	e PP	10:36:31.15		LZ			
	e S	10:43:07.54		LE			
	e LR	11:03:49.14		LZ	7.974	22	
MVO	e pP	10:33:01.01		BZ			
	e PP	10:36:27.54		LZ			
	e S	10:43:07.18		LN			
	e LR	11:03:32.54		LZ	6.283	22	
PBRG	e pP	10:33:03.72		BZ			

<b>10-Abr</b>	<b>Ho</b>	<b>15:56:19.1</b>	<b>Distante (NEIC)</b>	<b>MB 4.9</b>			
	<b>Lat</b>	<b>36.654°N</b>	<b>Lon</b>	<b>26.140°E</b>	<b>Prof 10</b>		
	<b>Região: Dodecanese Islands, Greece</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MVO	e P	16:01:53.83		BZ			
PBAR	e P	16:01:55.97		BZ			
PESTR	e P	16:01:59.68		BZ			

<b>10-Abr</b>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	MVO	e Pg	c 17:15:42.03		HZ	0.005	0.1
		e Sg	17:15:44.36		HN		

<b>11-Abr</b>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PVAQ	e Pn	02:55:06.86		HZ		
		e Sn	02:55:50.04		HN		
	PBAR	e Sn	02:55:48.44		HE		
	PBDV	e Sn	02:55:50.68		HN		

<b>11-Abr</b>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PGAV	e P	03:40:24.65		HZ	0.016	0.4
		e S	03:40:37.95		HE		
	PVRL	e Pn	03:40:38.31		SZ	0.010	0.1
		e Sg	03:41:01.02		SE		
	PBRG	e Sg	03:41:10.71		HE	0.003	0.3
	PVIS	e Sg	03:41:13.40		HE	0.006	0.3
	MVO	e Sg	03:41:16.49		HN	0.005	0.4
	COI	e Sg	03:41:26.27		HN		
	MTE	e Sg	03:41:28.59		HN	0.007	0.1
	PCAS	e Sg	03:41:29.74		HE		
	PCBR	e Sg	03:41:44.90		EN		
	PMRV	e Sg	03:41:55.04		HE		

<b>11-Abr</b>	<b>Ho</b>	<b>06:03:33.9</b>			<b>ML 1.3</b>		
	<b>Lat</b>	<b>38.199°N</b>	<b>Lon</b>	<b>06.190°W</b>	<b>Prof 0*</b>		
	<b>Região: NE Aracena (ESP)</b>				<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>2.9</b>	<b>AxMin</b>	<b>1.6</b>	<b>Ang 10</b>	<b>ErrZ 0</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e Pg	06:03:46.42		HZ	0.004	0.8	
	e Sg	06:03:55.07		HE			
PESTR	e P	06:03:57.32		HZ			
	e S	06:04:14.80		HE			
PVAQ	e P	06:04:01.80		HZ			
	e S	06:04:19.89		HN			
EVO	e Pn	06:03:59.98		HZ			
	e Sn	06:04:20.24		HN			
PMRV	e Pn	06:04:01.71		HZ	0.002	0.5	
	e Sn	06:04:21.72		HE			
PCVE	e Sg	06:04:23.64		HE			
PBDV	e Sg	06:04:27.63		HE			
PNCL	e Sg	06:04:32.71		HN	0.003	0.6	

<b>11-Abr</b>	<b>Ho</b>	<b>07:30:42.1</b>	<b>Distante (NEIC)</b>	<b>MW 5.5</b>			
	<b>Lat</b>	<b>15.774°N</b>	<b>Lon</b>	<b>94.760°W</b>	<b>Prof 41</b>		
	<b>Região: Near Coast of Oaxaca, Mexico</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PCAS	e P	07:42:33.27		BZ	0.140	1.7	
PVIS	e P	07:42:33.00		BZ			
PMTG	e P	07:42:35.29		BZ	0.060	1.9	
MTE	e P	07:42:36.95		BZ	0.093	1.8	
PCBR	e P	07:42:38.30		SZ	0.063	1.4	
PBEJ	e P	07:42:38.94		SZ	0.053	1.4	
MVO	e P	07:42:38.44		BZ	0.046	2.2	
PMRV	e P	07:42:38.51		BZ	0.051	2.1	
PBRG	e P	07:42:38.08		BZ	0.051	2.1	
PBAR	e P	07:42:39.71		BZ	0.049	1.7	





PBRG e Pn 04:28:31.97 HZ 0.004 0.2  
e Sn 04:29:23.00 HN

**12-Abr** Ho 07:15:32.6 ML 1.6  
Lat 36.507°N Lon 09.720°W Prof 13  
Região: SW Cabo S.Vicente Rms 0.4  
AxMax 9.6 AxMin 5.3 Ang 91 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	07:15:49.90		HZ	0.009	0.6
	e S	07:16:02.15		HN		
MORF	e P	07:15:53.03		HZ	0.006	0.3
	e S	07:16:08.37		HN		
PBDV	e P	07:15:59.54		HZ	0.005	0.7
	e S	07:16:19.11		HN		
PCVE	e P	07:16:01.58		HZ	0.003	0.8
	e S	07:16:23.09		HN		
MESJ	e P	07:16:01.73		HZ		
	e S	07:16:23.01		HE		
PVAQ	e P	07:16:02.58		HZ	0.004	0.7
	e S	07:16:24.44		HN		
PNCL	e P	07:16:02.20		HZ	0.003	0.8
	e S	07:16:23.96		HE		
PBEJ	e S	07:16:31.78		EN		
PACT	e S	07:16:36.77		BN		
PBAR	e P	07:16:14.25		HZ	0.002	0.8
	e S	07:16:45.62		HE		
PMTG	e P	07:16:15.65		HZ		
PESTR	e S	07:16:49.48		HN		
PMRV	e P	07:16:23.94		HZ	0.002	0.7
	e S	07:17:02.04		HE		

**12-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sn	07:42:15.23		HE	0.003	0.7
	e Sg	07:42:26.86		HE		
PVAQ	e Sn	07:42:28.80		HE		
	e Sg	07:42:46.61		HE		
PMRV	e Sg	07:42:47.75		HN	0.003	0.5

**12-Abr** Ho 07:56:52.8 Distante (NEIC) MW 5.1  
Lat 43.662°N Lon 139.550°E Prof 213  
Região: Eastern Sea of Japan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	08:09:26.02		BZ	0.038	1.6
PGAV	e P	08:09:27.51		BZ	0.048	1.4
MVO	e P	08:09:29.37		BZ	0.030	1.1
PVRL	e P	08:09:29.85		SZ	0.039	1.3
PVIS	e P	08:09:32.52		BZ		
MTE	e P	08:09:33.43		BZ	0.036	1.7
COI	e P	08:09:35.50		BZ	0.067	1.9
PCBR	e P	08:09:36.07		SZ	0.046	1.9
PMRV	e P	08:09:38.13		BZ	0.025	2.2
MESJ	e P	08:09:45.00		BZ	0.032	1.9
PCVE	e P	08:09:45.05		BZ	0.019	1.8

**12-Abr** Ho 09:00:23.7 ML 2.2  
Lat 42.800°N Lon 07.243°W Prof 5  
Região: SE Lugo (ESP) Rms 0.3  
AxMax 4.1 AxMin 2.5 Ang 88 ErrZ 8

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	09:00:43.75		HZ	0.049	0.4
	e S	09:00:57.35		HE		
PGAV	e P	09:00:44.00		HZ	0.013	0.4
	e S	09:00:59.49		HE		
PCAB	e P	09:00:47.09		HZ	0.036	0.2
	e S	09:01:03.06		HE		
PVRL	e Pg	09:00:53.13		SZ	0.026	0.1
	e Sg	09:01:14.08		SN		
MVO	e Pn	09:00:53.25		HZ	0.029	0.2
	e Pg	09:00:54.98		HZ		
	e Sn	09:01:14.97		HN		
	e Sg	09:01:15.82		HE		
PVIS	e Pg	09:01:03.73		HZ	0.010	0.6
	e Sg	09:01:31.57		HE		
MTE	e Sg	09:01:39.61		HN	0.011	0.2
PCAS	e Sg	09:01:54.92		HN	0.007	0.4
PCBR	e Pn	09:01:10.38		EZ	0.007	0.6
	e Sg	09:01:57.64		EE		

PMRV e Sg 09:02:09.68 HN 0.004 0.4  
PESTR e Sg 09:02:27.89 HE

**12-Abr** Ho 10:41:51.4 Distante (NEIC) MB 4.9  
Lat 40.407°N Lon 77.327°E Prof 10  
Região: Kyrgyzstan-Xinjiang Border Reg.

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e P	10:52:06.00		BZ		
PVIS	e P	10:52:10.66		BZ		
PMRV	e P	10:52:13.84		BZ		
PBAR	e P	10:52:15.97		BZ		
PVAQ	e P	10:52:21.59		BZ		

**12-Abr** Ho 11:05:16.6 ML 1.4  
Lat 38.933°N Lon 06.572°W Prof 3\*  
Região: W Mérida (ESP) Rms 0.4  
AxMax 2.5 AxMin 2.2 Ang 59 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PESTR	e P	11:05:31.62		HZ	0.005	0.7
	e S	11:05:42.25		HE		
PMRV	e P	11:05:31.44		HZ	0.004	0.2
	e S	11:05:42.22		HN		
PBAR	e P	11:05:32.41		HZ	0.005	0.6
	e S	11:05:43.68		HN		
PCBR	e P	11:05:37.67		EZ	0.002	0.6
	e S	11:05:54.32		EE		
EVO	e S	11:05:55.84		HN		
PMTG	e P	11:05:40.03		HZ	0.006	0.8
	e S	11:05:56.24		HN		
PNCL	e Pg	11:05:48.61		HZ		
	e Sg	11:06:11.96		HN		
PCAS	e Sg	11:06:15.28		HN		

**12-Abr** Ho 12:40:40.6 ML 1.7  
Lat 36.191°N Lon 08.031°W Prof 20\*  
Região: S Faro Rms 0.3  
AxMax 8.7 AxMin 7.2 Ang 131 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	12:40:59.85		HZ		
	e S	12:41:14.72		HN		
PFVI	e P	12:40:59.72		HZ		
	e S	12:41:14.93		HE		
MORF	e P	12:41:01.45		HZ	0.013	0.1
	e S	12:41:17.80		HE		
PVAQ	e P	12:41:01.20		HZ	0.006	0.4
	e S	12:41:16.61		HE		
PCVE	e P	12:41:04.14		HZ	0.003	0.2
	e S	12:41:22.00		HN		
PTEO	e P	12:41:04.21		EZ		
	e S	12:41:21.71		EN		
MESJ	e P	12:41:07.25		HZ	0.005	0.9
	e S	12:41:28.26		HN		
PNCL	e S	12:41:34.06		HN	0.005	0.8
PBAR	e P	12:41:15.55		HZ		
	e S	12:41:38.35		HN		

**12-Abr** Ho 20:49:27.4 ML 2.1  
Lat 36.682°N Lon 11.290°W Prof 28  
Região: Gorringe Rms 0.3  
AxMax 12.3 AxMin 3.7 Ang 62 ErrZ 18

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	20:49:57.74		HZ	0.006	0.1
	e S	20:50:20.02		HE		
MORF	e P	20:50:00.25		HZ	0.009	1.1
	e S	20:50:25.11		HN		
PTEO	e P	20:50:00.74		EZ	0.004	0.1
	e S	20:50:25.49		EE		
PNCL	e P	20:50:06.49		HZ	0.004	0.4
	e S	20:50:35.71		HN		
MESJ	e P	20:50:07.47		HZ	0.004	0.6
	e S	20:50:37.62		HE		
PBDV	e P	20:50:08.10		HZ	0.008	0.7
	e S	20:50:38.07		HN		
PCVE	e P	20:50:08.18		HZ	0.003	0.7
	e S	20:50:38.98		HN		
PACT	e P	20:50:09.55		BZ		
	e S	20:50:41.81		BN		

PVAQ	e P	20:50:10.76	HZ	0.005	1.1
	e S	20:50:42.77	HE		
PBEJ	e S	20:50:45.57	EN		
EVO	e S	20:50:48.18	HN	0.005	0.1
PMTG	e P	20:50:16.67	HZ	0.003	0.4
	e S	20:50:54.06	HN		
PSBE	e P	20:50:17.27	HZ		
	e S	20:50:56.10	HN		
PESTR	e P	20:50:20.62	HZ		
	e S	20:51:00.04	HN		
PBAR	e P	20:50:21.20	HZ	0.002	0.5
	e S	20:51:01.08	HE		
PCAS	e P	20:50:24.83	HZ	0.003	0.9
	e S	20:51:08.68	HE		
PMRV	e P	20:50:26.21	HZ	0.003	1.0
	e S	20:51:10.58	HE		
PCBR	e S	20:51:17.05	EN	0.003	0.7
PVIS	e P	20:50:35.99	HZ	0.002	0.5
	e S	20:51:27.56	HE		
PGAV	e S	20:51:50.47	HE		
PBRG	e S	20:52:01.43	HN	0.002	0.9

**13-Abr Ho 06:23:26.9 ML 2.4**  
**Lat 36.253°N Lon 06.705°W Prof 8**  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 2.7 AxMin 1.7 Ang 64 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	e P	06:23:50.57	HZ	0.028	0.4	
	e S	06:24:08.96	HE			
PVAQ	e P	d 06:23:50.66	HZ	0.072	0.4	
	e S	06:24:09.15	HN			
PCVE	e P	06:23:55.66	HZ	0.016	0.6	
	e S	06:24:17.95	HE			
MORF	e P	06:23:57.23	HZ	0.009	0.2	
	e S	06:24:20.91	HN			
PFVI	e P	06:23:58.52	HZ			
PBAR	e P	06:23:58.24	HZ	0.027	0.9	
	e S	06:24:21.65	HE			
MESJ	e P	06:23:59.02	HZ	0.021	0.7	
	e S	06:24:23.27	HE			
PBEJ	e P	06:23:59.02	EZ	0.012	0.5	
	e S	06:24:23.23	EN			
PTEO	e P	06:24:00.24	EZ			
	e S	06:24:25.06	EE			
PNCL	e P	06:24:03.99	HZ	0.013	0.5	
	e S	06:24:31.96	HE			
EVO	e P	06:24:05.84	HZ	0.017	0.3	
	e S	06:24:35.84	HN			
PESTR	e P	06:24:09.07	HZ	0.012	0.5	
	e S	06:24:41.14	HE			
PSBS	e P	06:24:12.04	HZ			
PACT	e P	06:24:14.62	BZ			
PMTG	e P	06:24:13.38	HZ	0.008	0.5	
	e S	06:24:49.82	HE			
PMRV	e P	06:24:15.77	HZ	0.011	0.6	
	e S	06:24:52.52	HN			
PCBR	e P	06:24:21.40	EZ	0.012	0.8	
	e S	06:25:02.38	EE			
PSBE	e P	06:24:22.03	HZ			
	e S	06:25:03.14	HE			
PCAS	e P	06:24:26.94	HZ	0.011	0.5	
	e S	06:25:12.50	HN			
MTE	e P	06:24:29.18	HZ	0.015	0.7	
	e S	06:25:15.52	HN			
PVIS	e S	06:25:23.95	HE			
MVO	e P	06:24:39.82	HZ	0.006	0.7	
	e S	06:25:32.80	HN			
PVRL	e S	06:25:35.69	SN			
PGAV	e P	06:24:53.07	HZ			

**13-Abr Ho 10:10:17.9 ML 2.1**  
**Lat 35.693°N Lon 03.642°W Prof 2\***  
**Região: Alboran Rms 0.5**  
**AxMax 3.6 AxMin 2.8 Ang 65 ErrZ 0**

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	10:11:14.84	HZ	0.003	0.8	
	e S	10:11:56.91	HE			

PVAQ	e P	10:11:15.39	HZ	0.005	0.6
	e S	10:11:57.08	HE		
PBDV	e P	10:11:16.83	HZ		
	e S	10:12:00.50	HE		
PCVE	e P	10:11:20.08	HZ		
MESJ	e P	10:11:23.27	HZ		
PESTR	e S	10:12:16.57	HN		
EVO	e S	10:12:15.89	HE		
PNCL	e P	10:11:28.09	HZ		
	e S	10:12:19.09	HN		
PMRV	e P	10:11:31.21	HZ		
	e S	10:12:23.56	HE		
PMTG	e P	10:11:33.20	HZ		
	e S	10:12:28.29	HN		

**13-Abr Ho 17:14:01.3 Distante (NEIC) MW 4.8**  
**Lat 37.139°N Lon 31.941°E Prof 14**  
**Região: Turkey**

<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 P	17:20:09.50	BZ			
PBAR	e P	17:20:17.06	BZ			
MTE	e P	17:20:16.38	BZ			
PCBR	e P	17:20:17.58	SZ			
PBEJ	e P	17:20:21.84	SZ			
MORF	e P	17:20:27.96	BZ			

**13-Abr Ho 21:46:53.3 Distante (NEIC) MB 5.0**  
**Lat 46.449°N Lon 150.960°E Prof 105**  
**Região: Kuril 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>
PBRG	e P	21:59:38.54	BZ			
PGAV	e P	21:59:39.61	BZ			
MVO	e P	21:59:42.19	BZ			
PVRL	e P	21:59:42.47	SZ			
PVIS	e P	21:59:44.61	BZ			
MTE	e P	21:59:46.19	BZ			
PCAS	e P	21:59:47.24	BZ			
PCBR	e P	21:59:48.09	SZ			
EVO	e P	21:59:53.64	BZ			
PBAR	e P	21:59:55.14	BZ			
PBEJ	e P	21:59:57.41	SZ			
PNCL	e P	21:59:57.02	BZ			
MESJ	e P	21:59:57.98	BZ			
PCVE	e P	21:59:58.94	BZ			

**13-Abr Ho 23:25:27.5 ML 1.8**  
**Lat 39.258°N Lon 10.364°W Prof 29**  
**Região: Canhão da Nazaré Rms 0.4**  
**AxMax 9.3 AxMin 4.3 Ang 87 ErrZ 13**

<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	23:25:52.95	HZ	0.003	0.6	
	e S	23:26:12.22	HN			
PMTG	e P	23:25:53.29	HZ	0.004	0.4	
	e S	23:26:12.33	HN			
PNCL	e P	23:25:55.04	HZ	0.002	0.1	
	e S	23:26:15.78	HN			
EVO	e P	23:25:57.44	HZ	0.003	0.2	
	e S	23:26:19.78	HN			
PTEO	e P	23:26:00.37	EZ			
	e S	23:26:22.30	EE			
MESJ	e P	23:26:00.07	HZ	0.003	0.1	
	e S	23:26:24.91	HE			
PESTR	e P	23:26:03.94	HZ	0.002	0.4	
	e S	23:26:25.02	HE			
PCBR	e P	23:26:01.86	EZ	0.002	0.3	
	e S	23:26:27.52	EN			
PBEJ	e S	23:26:27.78	EE	0.002	0.4	
PMRV	e P	23:26:02.90	HZ	0.003	0.2	
	e S	23:26:27.85	HE			
MORF	e P	23:26:02.03	HZ	0.003	0.1	
	e S	23:26:29.05	HN			
PVIS	e P	23:26:03.19	HZ	0.004	0.3	
	e S	23:26:29.82	HN			
PCVE	e P	23:26:03.52	HZ	0.003	0.8	
	e S	23:26:30.91	HE			
PFVI	e S	23:26:30.50	HN			
MTE	e P	23:26:04.07	HZ	0.003	0.2	
	e S	23:26:31.61	HE			



PVAQ	e P	16:57:13.03	BZ	0.098	2.1
PBAR	e P	16:57:16.29	BZ	0.048	1.5

#### 14-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PTEO	e P	16:59:11.75		SZ		
PMTG	e P	16:59:13.45		BZ		
MORF	e P	16:59:15.49		BZ		
PNCL	e P	16:59:16.95		BZ		
MESJ	e P	16:59:17.98		BZ		
PCBR	e P	16:59:22.10		SZ		
MVO	e P	16:59:23.08		BZ		
PBDV	e P	16:59:23.16		BZ		
PESTR	e P	16:59:23.42		BZ		
PVAQ	e P	16:59:25.06		BZ		

#### 14-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAR	e P	16:59:24.91		BZ		
PGAV	e P	17:00:06.37		BZ		
PSBE	e P	17:00:06.85		BZ		
MORF	e P	17:00:11.97		BZ		
PCAS	e P	17:00:13.07		BZ		
PVRL	e P	17:00:15.34		SZ		
EVO	e P	17:00:17.06		BZ		
PNCL	e P	17:00:18.10		BZ		
PMTG	e P	17:00:18.33		BZ		
MESJ	e P	17:00:19.49		BZ		
MTE	e P	17:00:22.01		BZ		
PCBR	e P	17:00:22.18		SZ		
PMRV	e P	17:00:22.61		BZ		
MVO	e P	17:00:22.94		BZ		
PESTR	e P	17:00:23.91		BZ		
PBDV	e P	17:00:24.45		BZ		
PVAQ	e P	17:00:27.22		BZ		
PBAR	e P	17:00:30.95		BZ		

#### 14-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
H07N1	P	18:34:44.30		EZ		
H07S1	P	18:34:47.90		HZ		
PAGU	P	18:34:49.60		HZ		
PMOZ	e P	18:37:09.29		BZ	2.142	20
	e LR	18:40:00.13		LZ		
PMAR	e P	18:37:12.47		BZ	0.140	1.7
PGAV	e P	18:37:54.34		BZ	2.892	20
	e LR	18:41:31.85		LZ		
COI	e P	18:38:00.23		BZ	0.246	1.4
PMTG	e P	18:38:00.59		BZ	0.078	2.2
PCAS	e P	18:38:00.81		BZ	0.165	1.6
PNCL	e P	18:38:01.02		BZ	0.080	1.6
PTEO	e P	18:38:01.38		SZ		
PVRL	e P	18:38:01.54		SZ	0.043	1.3
PFVI	e P	18:38:02.52		BZ	0.089	2.4
MORF	e P	18:38:03.39		BZ	0.070	1.7
PVIS	e P	18:38:04.18		BZ		
MESJ	e P	18:38:05.26		BZ	0.035	1.6
EVO	e P	18:38:05.36		BZ	0.036	1.4
PBEJ	e P	18:38:06.76		SZ		
PCVE	e P	18:38:07.43		BZ	0.056	1.8
MTE	e P	18:38:08.10		BZ	3.175	20
	e LR	18:41:51.63		LZ		
PESTR	e P	18:38:08.36		BZ	0.048	1.2
PCBR	e P	18:38:09.07		SZ	0.085	1.5
MVO	e P	18:38:11.34		BZ	2.312	20
	e LR	18:41:57.03		LZ		
PMRV	e P	18:38:11.36		BZ	3.560	18
	e LR	18:42:07.82		LZ		
PBDV	e P	18:38:11.64		BZ	0.117	1.7
PVAQ	e P	18:38:12.15		BZ	2.579	20
	e LR	18:42:04.22		LZ		
PBRG	e P	18:38:13.07		BZ	0.002	1.1
PBAR	e P	18:38:14.84		BZ	0.029	1.6

<b>14-Abr</b>	<b>Ho</b>	<b>19:26:27.0</b>	<b>Distante (NEIC)</b>	<b>MB</b>	<b>4.6</b>
	<b>Lat</b>	<b>07.965°S</b>	<b>Lon</b>	<b>74.541°W</b>	<b>Prof</b>
					<b>157</b>

#### Região: Peru-Brazil Border Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e P	19:37:58.37		BZ	0.038	1.6
PNCL	e P	19:37:59.70		BZ	0.047	1.7
MESJ	e P	19:38:01.03		BZ	0.036	1.7
PCVE	e P	19:38:02.13		BZ	0.003	0.6
PBEJ	e P	19:38:01.05		SZ	0.023	1.9
PMTG	e P	19:38:02.77		BZ	0.031	1.8
PCBR	e P	19:38:07.08		SZ	0.023	1.5
PVIS	e P	19:38:07.30		BZ		
MVO	e P	19:38:11.14		BZ		
PBRG	e P	19:38:13.99		BZ	0.033	1.9

#### 14-Abr Ho 21:38:51.7

<b>Lat</b>	<b>38.778°N</b>	<b>Lon</b>	<b>07.939°W</b>	<b>ML</b>	<b>0.9</b>
<b>Prof</b>	<b>14</b>				

#### Região: NE Arraiolos Rms 0.3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e P	21:38:56.52		HZ	0.032	0.1
	e Sg	21:39:00.42		HE		
PESTR	e Pg	21:38:57.34		HZ		
	e Sg	21:39:01.77		HN		
PMTG	e Pg	21:38:57.58		HZ	0.002	0.2
	e Sg	21:39:02.85		HN		
PACT	e P	21:39:04.46		BZ		
	e S	21:39:14.27		BN		
PBEJ	e S	21:39:15.37		EN		
PMRV	e P	21:39:05.83		HZ	0.002	0.9
	e S	21:39:16.41		HE		
PNCL	e P	21:39:06.79		HZ	0.002	0.6
	e S	21:39:17.13		HN		
PBAR	e P	21:39:08.50		HZ	0.001	0.5
	e S	21:39:21.44		HN		
MESJ	e P	21:39:09.52		HZ		
	e S	21:39:21.56		HE		
PSBE	e P	21:39:09.52		HZ		
	e S	21:39:22.72		HE		
PCBR	e S	21:39:26.30		EN	0.002	0.3
PCVE	e P	21:39:12.74		HZ	0.002	0.8
	e S	21:39:27.23		HE		
PCAS	e Sn	21:39:32.25		HN		
PTEO	e Sg	21:39:34.62		EN		
PVAQ	e Pg	21:39:16.58		HZ		
	e Sg	21:39:35.38		HN		
PBDV	e Sg	21:39:40.65		HE		
MORF	e Sg	21:39:40.82		HN		

#### 14-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
H07N1	P	21:38:21.40		EZ		
PMAR	e P	21:40:47.52		BZ	0.088	1.5
PMOZ	e P	21:40:48.03		BZ		
	A	21:44:38.70		LZ	0.681	20
PTO	e P	21:41:28.92		SZ	0.064	1.3
PGAV	e P	21:41:32.75		BZ	0.006	0.5
	e LR	21:45:01.54		LZ	0.842	20
PCAS	e P	21:41:34.10		BZ	0.057	1.5
COI	e P	21:41:35.68		BZ	0.090	1.6
PSES	e pP	21:41:36.17		BZ		
	A	21:41:36.66		BZ	0.246	1.4
PNCL	e P	21:41:36.44		BZ	0.035	2.3
PMTG	e P	21:41:37.36		BZ	0.043	1.5
PTEO	e P	21:41:37.59		SZ	0.063	1.2
PVIS	e P	21:41:39.43		BZ		
PVRL	e P	21:41:39.93		SZ	0.046	1.8
MESJ	e P	21:41:40.40		BZ	0.031	1.3
EVO	e P	21:41:41.81		BZ	0.034	1.4
MTE	e P	21:41:42.33		BZ	0.072	1.4
	e LR	21:45:23.76		LZ	0.955	20
PESTR	e P	21:41:43.27		BZ	0.015	2.3
	e pP	21:41:50.22		BZ		
PCBR	e P	21:41:43.43		SZ	0.045	1.3
PCVE	e P	21:41:45.74		BZ	0.031	1.6
	e pP	21:41:47.62		BZ		





COI	e P	00:59:15.98	HZ	0.019	0.1	PSBE	e S	01:53:46.28	HN		
PGAV	e P	00:59:17.12	HZ	0.010	0.3	PCAB	e S	01:53:49.09	HE	0.006	0.4
	e S	01:00:01.95	HE			MVO	e P	01:53:35.25	HZ		
PACT	e P	00:59:17.76	BZ	0.020	0.6		e S	01:53:51.35	HE		
	e S	01:00:03.39	BN			PGAV	e S	01:53:54.60	HE		
PCAB	e P	00:59:19.55	HZ	0.016	0.2	PMRV	e P	01:53:37.55	HZ	0.001	0.6
	e S	01:00:05.53	HE				e S	01:53:55.87	HE		
PVIS	e S	01:00:05.65	HN	0.016	0.1	PMTG	e Sg	01:53:59.87	HN		
PMTG	e P	00:59:20.80	HZ	0.008	0.2	PESTR	e Sg	01:54:10.89	HN		
	e S	01:00:08.34	HN								
MTE	e P	00:59:23.58	HZ	0.011	0.4	<b>16-Abr Ho 04:30:35.4 Distante (NEIC) MB 4.6</b>					
	e S	01:00:13.37	HN			<b>Lat 35.891°N Lon 44.687°E Prof 10</b>					
PNCL	e P	00:59:24.34	HZ	0.007	0.4	<b>Região: Iraq</b>					
	e S	01:00:16.09	HE			<i>Est Fase P h:m:s Dur Co Amp Per</i>					
PCBR	e P	00:59:25.41	EZ	0.020	0.4	PCBR	e P	04:38:18.30	SZ	0.027	1.9
EVO	e P	00:59:26.47	HZ	0.008	0.1	PMRV	e P	04:38:18.31	BZ	0.020	1.3
	e S	01:00:18.71	HE			PBAR	e P	04:38:14.83	BZ		
PMRV	e P	00:59:27.49	HZ	0.010	0.4	PGAV	e P	04:38:20.64	BZ	0.066	1.6
	e S	01:00:19.69	HN			PESTR	e P	04:38:19.93	BZ	0.036	1.8
PTEO	e P	00:59:27.58	EZ	0.017	0.3	EVO	e P	04:38:23.36	BZ	0.023	2.0
	e S	01:00:21.16	EN			PBEJ	e P	04:38:22.89	SZ	0.026	1.5
MVO	e P	00:59:28.60	HZ	0.008	0.4	PCAS	e P	04:38:24.04	BZ		
	e S	01:00:20.66	HN			PMTG	e P	04:38:23.74	BZ		
PESTR	e P	00:59:28.00	HZ	0.008	0.2	PVAQ	e P	04:38:23.77	BZ	0.029	1.6
	e S	01:00:21.29	HN			PCVE	e P	04:38:25.69	BZ	0.036	1.9
MESJ	e P	00:59:29.61	HZ	0.015	0.3	PNCL	e P	04:38:27.32	BZ		
	e S	01:00:24.13	HE								
MORF	e P	00:59:30.23	HZ	0.015	0.3	<b>16-Abr Ho 05:36:29.6 ML 2.2</b>					
	e S	01:00:24.54	HE			<b>Lat 37.235°N Lon 03.768°W Prof 0*</b>					
PFVI	e P	00:59:30.91	HZ	0.013	0.6	<b>Região: NW Granada (ESP) Rms 0.5</b>					
PBEJ	e P	00:59:31.94	EZ	0.008	0.6	<b>AxMax 2.6 AxMin 2.2 Ang 45 ErrZ 0</b>					
	e S	01:00:27.51	EE			<i>Est Fase P h:m:s Dur Co Amp Per</i>					
PBRG	e P	00:59:32.05	HZ	0.004	0.8	PBAR	e Pn	05:37:14.30	HZ	0.009	0.6
	e S	01:00:27.80	HE				e Sn	05:37:47.09	HE		
PCVE	e P	00:59:33.11	HZ	0.009	0.7		e Sg	05:37:59.04	HN		
	e S	01:00:30.33	HN			PVAQ	e Pn	05:37:19.92	HZ	0.004	0.6
PBDV	e P	00:59:37.15	HZ	0.007	0.2		e Sg	05:38:09.99	HN		
PVAQ	e P	00:59:37.60	HZ	0.013	0.3	PBDV	e Pn	05:37:21.41	HZ	0.004	0.4
	e S	01:00:38.41	HN				e Sn	05:38:00.89	HN		
PBAR	e P	00:59:37.97	HZ	0.006	0.4		e Sg	05:38:14.04	HN		
	e S	01:00:38.97	HE			PCVE	e Sg	05:38:18.60	HN	0.003	0.5
<b>16-Abr Ho 01:09:16.6 ML 0.6</b>						PESTR	e Pg	05:37:32.53	HZ	0.004	0.3
<b>Lat 40.175°N Lon 07.824°W Prof 17</b>							e Sg	05:38:18.95	HE		
<b>Região: NE Pampilhosa da Serra Rms 0.2</b>						EVO	e Sg	05:38:25.49	HN	0.005	0.7
<b>AxMax 1.8 AxMin 1.2 Ang 82 ErrZ 3</b>						PMRV	e Sg	05:38:23.77	HN	0.004	0.7
<i>Est Fase P h:m:s Dur Co Amp Per</i>											
MTE	e Pg	01:09:22.99	HZ			PMTG	e Sg	05:38:37.12	HN	0.003	0.8
	e Sg	01:09:27.65	HE			<b>16-Abr Ho 05:50:03.9 ML 2.4</b>					
PCBR	e Pg	01:09:24.65	EZ			<b>Lat 37.242°N Lon 03.748°W Prof 0*</b>					
	e Sg	01:09:30.72	EN			<b>Região: NW Granada (ESP) Rms 0.6</b>					
COI	e Sg	01:09:31.44	HN			<b>AxMax 2.7 AxMin 2.1 Ang 23 ErrZ 0</b>					
PCAS	e Pg	01:09:26.59	HZ	0.002	0.3	<i>Est Fase P h:m:s Dur Co Amp Per</i>					
	e Sg	01:09:33.92	HN			PBAR	e Pn	05:50:48.28	HZ	0.018	0.5
PVIS	e Pg	01:09:27.10	HZ	0.003	0.3		e Sg	05:51:32.81	HE		
	e Sg	01:09:34.17	HE			PVAQ	e Pn	05:50:53.67	HZ	0.008	0.5
PMRV	e P	01:09:31.42	HZ	0.001	0.8		e Sn	05:51:31.45	HE		
	e S	01:09:42.75	HE				e Sg	05:51:45.27	HE		
PTO	e S	01:09:50.88	SN			PBDV	e Pn	05:50:56.07	HZ	0.007	0.4
PMTG	e S	01:09:51.77	HE				e Sn	05:51:35.98	HE		
PESTR	e Sg	01:09:57.18	HN				e Sg	05:51:52.09	HE		
<b>16-Abr Ho 01:53:12.1 ML 1.1</b>						PCVE	e Sg	05:51:55.20	HE	0.007	0.4
<b>Lat 40.586°N Lon 08.521°W Prof 7</b>						PESTR	e Pn	05:50:57.82	HZ	0.009	0.5
<b>Região: NW Águeda Rms 0.3</b>							e Sg	05:51:53.60	HE		
<b>AxMax 5.0 AxMin 2.0 Ang 104 ErrZ 4</b>						PMRV	e Sg	05:51:59.43	HE	0.010	0.6
<i>Est Fase P h:m:s Dur Co Amp Per</i>											
COI	e Sg	01:53:24.95	HE			MESJ	e Pn	05:51:00.11	HZ	0.006	0.5
PVIS	e Pg	01:53:21.28	HZ	0.014	1.5		e Sg	05:51:59.55	HN		
	e Sg	01:53:28.26	HN			EVO	e Sn	05:51:42.31	HE	0.008	0.7
PCAS	e Pg	01:53:21.79	HZ	0.003	0.1	PNCL	e Pn	05:51:04.03	HZ	0.007	0.5
	e Sg	01:53:29.09	HN				e Sn	05:51:49.00	HE		
MTE	e P	01:53:26.52	HZ	0.005	0.2	MORF	e Sn	05:51:50.03	HN		
	e S	01:53:36.50	HE			PCBR	e Pn	05:51:04.25	EZ		
PVRL	e P	d 01:53:28.69	SZ	0.004	0.1		e Sn	05:51:48.33	EE		
	e S	01:53:41.04	SE				e Sg	05:52:09.61	EN		
PCBR	e P	01:53:31.55	EZ	0.002	0.6	PMTG	e Sn	05:51:49.21	HE	0.005	0.9
	e S	01:53:46.50	EN				e Sg	05:52:11.11	HE		
						PFVI	e Sn	05:51:52.92	HN		



PCAS	e Pn	05:51:15.16	HZ	0.008	0.6
	e Sn	05:52:06.21	HE		
	e Sg	05:52:32.28	HE		
MVO	e Pn	05:51:15.41	HZ		

<b>16-Abr</b>	<b>Ho</b>	<b>06:04:04.1</b>			<b>ML 2.7</b>
	<b>Lat</b>	<b>37.270°N</b>	<b>Lon</b>	<b>03.736°W</b>	<b>Prof 0*</b>
	<b>Região:</b>	<b>NW Granada (ESP)</b>			<b>Rms 0.6</b>
	<b>AxMax</b>	<b>2.9</b>	<b>AxMin</b>	<b>2.4</b>	<b>Ang 39</b>
					<b>ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pn	06:04:48.53		HZ	0.028	0.5
PVAQ	e Pn	06:04:53.99		HZ	0.012	0.5
	e Sn	06:05:32.15		HE		
PBDV	e Pn	06:04:55.73		HZ	0.012	0.4
	e Sn	06:05:36.43		HN		
PESTR	e Pg	06:05:06.26		HZ	0.013	0.9
	e Sn	06:05:37.96		HE		
PCVE	e Pn	06:04:55.67		HZ	0.011	0.5
	e Sg	06:05:54.32		HN		
PMRV	e Pn	06:04:59.81		HZ	0.016	0.5
	e Sg	06:05:58.36		HN		
MESJ	e Pn	06:05:00.12		HZ	0.008	0.6
	e Sg	06:05:59.03		HN		
PCBR	e Pn	06:05:04.43		EZ	0.012	0.6
	e Sn	06:05:49.67		EE		
PNCL	e Pn	06:05:04.12		HZ	0.007	0.5
	e Sn	06:05:49.35		HN		

<b>16-Abr</b>	<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp</b>	<b>Per</b>
	PBAR	e Pn	06:08:41.45		HZ	0.012	0.6
		e Sg	06:09:22.81		HN		
	PVAQ	e Pn	06:08:45.73		HZ	0.005	0.6
		e Sn	06:09:23.98		HE		
	PBDV	e Pn	06:08:48.25		HZ	0.006	0.7
		e Sn	06:09:28.58		HN		
	MESJ	e Pn	06:08:52.98		HZ		
	PESTR	e Pg	06:08:58.51		HZ	0.006	0.5
		e Sn	06:09:31.09		HE		
		e Sg	06:09:44.86		HN		
	PCVE	e Sg	06:09:44.67		HN	0.004	0.5
	PMRV	e Sg	06:09:49.70		HN	0.006	0.5
	PCBR	e Sg	06:10:04.62		EE	0.005	0.6

<b>16-Abr</b>	<b>Ho</b>	<b>07:00:34.0</b>			<b>ML 1.9</b>
	<b>Lat</b>	<b>34.562°N</b>	<b>Lon</b>	<b>05.194°W</b>	<b>Prof 13</b>
	<b>Região:</b>	<b>NW Fez (Marr)</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>12.6</b>	<b>AxMin</b>	<b>3.4</b>	<b>Ang 69</b>
					<b>ErrZ 8</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e S	07:02:06.00		HN	0.002	0.7
PVAQ	e P	07:01:27.52		HZ	0.003	0.2
	e S	07:02:06.48		HN		
PCVE	e S	07:02:15.21		HN	0.002	0.9
PBAR	e P	07:01:35.28		HZ		
	e S	07:02:18.80		HE		
PFVI	e S	07:02:16.30		HN		
PNCL	e S	07:02:29.62		HN		
PMTG	e P	07:01:51.82		HZ		
PMRV	e P	07:01:52.55		HZ		

<b>16-Abr</b>	<b>Ho</b>	<b>07:40:04.8</b>			<b>ML 2.5</b>
	<b>Lat</b>	<b>37.257°N</b>	<b>Lon</b>	<b>03.741°W</b>	<b>Prof 4</b>
	<b>Região:</b>	<b>NW Granada (ESP)</b>			<b>Rms 0.6</b>
	<b>AxMax</b>	<b>4.3</b>	<b>AxMin</b>	<b>3.5</b>	<b>Ang 54</b>
					<b>ErrZ 8</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pg	07:40:55.52		HZ	0.016	0.5
	e Sg	07:41:33.48		HN		
PVAQ	e Pn	07:40:54.45		HZ	0.009	0.5
	e Sn	07:41:33.08		HE		
	e Sg	07:41:44.98		HE		
PBDV	e Pn	07:40:56.44		HZ	0.007	0.7
	e Sn	07:41:37.31		HN		
PBEJ	e Sg	07:41:53.07		EN	0.009	0.8
PESTR	e Sg	07:41:54.35		HE	0.011	0.9
PCVE	e Sg	07:41:54.35		HN	0.007	0.5
PMRV	e Sg	07:41:57.92		HN	0.012	0.6
EVO	e Sg	07:41:59.59		HN	0.007	0.7
PNCL	e Pn	07:41:05.89		HZ		

PCBR	e Pn	07:41:06.11	EZ	0.009	0.7
	e Sg	07:42:08.57	EN		
MORF	e Sn	07:41:51.26	HE	0.004	0.6
PMTG	e Sg	07:42:11.75	HN	0.009	0.6
PFVI	e Pn	07:41:07.46	HZ		
	e Sn	07:41:53.10	HN		
MTE	e Sg	07:42:20.84	HN	0.008	0.7
PCAS	e Sg	07:42:33.31	HE	0.010	0.6

<b>16-Abr</b>	<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp</b>	<b>Per</b>
	PBAR	e Pn	08:43:53.96		HZ	0.014	0.5
		e Sg	08:44:38.17		HN		
	PVAQ	e Pn	08:43:59.23		HZ	0.007	0.6
		e Sn	08:44:35.59		HN		
		e Sg	08:44:48.76		HE		
	PMTG	e Sn	08:44:55.14		HE	0.006	0.6
		e Sg	08:45:15.89		HN		
	PESTR	e Sg	08:44:57.19		HN	0.009	0.5
	PCVE	e Sg	08:44:57.53		HN	0.006	0.5
	PMRV	e Sg	08:45:02.61		HE	0.008	0.6
	EVO	e Sg	08:45:05.14		HN	0.007	0.9

<b>16-Abr</b>	<b>Ho</b>	<b>16:09:58.2</b>			<b>ML 2.0</b>
	<b>Lat</b>	<b>35.539°N</b>	<b>Lon</b>	<b>03.787°W</b>	<b>Prof 8</b>
	<b>Região:</b>	<b>Alboran</b>			<b>Rms 0.7</b>
	<b>AxMax</b>	<b>4.0</b>	<b>AxMin</b>	<b>3.6</b>	<b>Ang 84</b>
					<b>ErrZ 8</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	16:10:53.80		HZ	0.003	0.4
	e S	16:11:35.94		HN		
PBAR	e P	16:10:54.89		HZ	0.002	0.8
	e S	16:11:37.42		HE		
PCVE	e P	16:10:59.02		HZ		
MESJ	e P	16:11:02.51		HZ	0.003	0.6
	e S	16:11:50.01		HN		
PNCL	e P	16:11:06.83		HZ		
	e S	16:11:58.78		HE		

<b>16-Abr</b>	<b>Ho</b>	<b>16:53:02.3</b>			<b>ML 0.8</b>
	<b>Lat</b>	<b>37.209°N</b>	<b>Lon</b>	<b>08.566°W</b>	<b>Prof 21</b>
	<b>Região:</b>	<b>NW Portimão</b>			<b>Rms 0.2</b>
	<b>AxMax</b>	<b>3.1</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 132</b>
					<b>ErrZ 4</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MORF	e P	d 16:53:06.28		HZ	0.010	0.1
	e S	16:53:09.32		HE		
PFVI	e P	c 16:53:07.49		HZ	0.009	0.7
	e S	16:53:11.17		HN		
PBDV	e P	16:53:12.12		HZ	0.002	0.1
	e S	16:53:19.09		HE		
PCVE	e P	16:53:13.71		HZ		
	e S	16:53:21.89		HE		
MESJ	e P	16:53:15.30		HZ	0.002	0.7
	e S	16:53:24.15		HN		
PVAQ	e P	16:53:15.25		HZ	0.003	0.5
	e S	16:53:24.47		HE		
PNCL	e S	16:53:30.30		HN	0.002	0.5

<b>16-Abr</b>	<b>Ho</b>	<b>18:24:12.1</b>			<b>ML 1.3</b>
	<b>Lat</b>	<b>38.631°N</b>	<b>Lon</b>	<b>09.257°W</b>	<b>Prof 0*</b>
	<b>Região:</b>	<b>SE Oeiras</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>8.2</b>	<b>AxMin</b>	<b>2.3</b>	<b>Ang 91</b>
					<b>ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PSSE	e P	18:24:16.68		HZ		
PNCL	e P	18:24:26.05		HZ	0.005	0.3
	e S	18:24:36.74		HN		
PMTG	e P	18:24:28.25		HZ	0.004	0.1
	e S	18:24:41.76		HN		
PSBE	e P	18:24:28.51		HZ	0.011	0.7
	e S	18:24:42.36		HE		
MESJ	e P	18:24:32.62		HZ	0.003	0.4
	e S	18:24:48.32		HE		
PTEO	e P	18:24:33.41		EZ		
	e S	18:24:49.11		EN		
PESTR	e P	18:24:35.54		HZ	0.003	0.5
	e S	18:24:54.11		HN		
PCVE	e S	18:24:55.79		HE	0.001	0.5
MORF	e S	18:24:55.86		HN	0.002	0.1
PCAS	e S	18:24:59.36		HN	0.003	0.4

PMRV	e P	18:24:41.38	HZ	0.002	0.7
	e S	18:25:03.17	HN		
PVAQ	e P	18:24:42.08	HZ		
PBAR	e S	18:25:07.79	HN	0.001	0.5

<b>16-Abr</b>	<b>Ho</b>	<b>20:09:25.0</b>			<b>ML 1.3</b>
	<b>Lat</b>	<b>36.595°N</b>	<b>Lon</b>	<b>07.173°W</b>	<b>Prof 32</b>
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms 0.3</b>
	<b>AxMax</b>	<b>3.6</b>	<b>AxMin</b>	<b>2.2</b>	<b>Ang 45 ErrZ 4</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	20:09:39.98		HZ	0.003	0.6
	e S	20:09:50.86		HN		
PVAQ	i P	d 20:09:40.41		HZ	0.003	0.1
	e S	20:09:52.20		HN		
PCVE	e P	20:09:45.65		HZ	0.001	0.3
	e S	20:10:00.40		HN		
MORF	e P	20:09:46.78		HZ	0.003	0.2
	e S	20:10:03.28		HE		
MESJ	e P	20:09:48.29		HZ	0.002	0.5
	e S	20:10:05.18		HE		
PTEO	e P	20:09:49.56		EZ		
	e S	20:10:07.15		EE		
PBAR	e P	20:09:49.38		HZ	0.002	0.2
	e S	20:10:07.71		HN		
PNCL	e P	20:09:53.68		HZ	0.002	0.7
	e S	20:10:14.35		HE		
EVO	e P	20:09:56.10		HZ		
PMTG	e P	20:10:03.56		HZ	0.001	0.6
	e S	20:10:33.82		HN		
PMRV	e P	20:10:07.83		HZ	0.001	0.6
	e S	20:10:39.16		HE		

<b>16-Abr</b>	<b>Ho</b>	<b>20:56:04.0</b>			<b>ML 0.6</b>
	<b>Lat</b>	<b>38.785°N</b>	<b>Lon</b>	<b>07.941°W</b>	<b>Prof 9</b>
	<b>Região:</b>	<b>NE Arraiolos</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>2.7</b>	<b>AxMin</b>	<b>2.0</b>	<b>Ang 99 ErrZ 5</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	20:56:08.97		HZ	0.005	0.1
	e Sg	20:56:12.79		HN		
PESTR	e Pg	20:56:09.67		HZ	0.002	0.5
	e Sg	20:56:14.08		HN		
PMTG	e Pg	20:56:10.26		HZ	0.002	0.8
	e Sg	20:56:15.46		HN		
PACT	e P	20:56:17.13		BZ		
	e S	20:56:26.97		BN		
PBEJ	e S	20:56:27.10		EN		
PMRV	e S	20:56:28.64		HN		
PNCL	e P	20:56:19.35		HZ	0.002	0.6
	e S	20:56:29.47		HN		
PBAR	e S	20:56:32.86		HE	0.001	0.1
MESJ	e S	20:56:34.49		HN		
PSBE	e S	20:56:34.91		HN		
PCVE	e S	20:56:39.23		HE	0.001	0.2
	e S	20:56:39.96		HN		
PTEO	e S	20:56:46.62		EN		
PVAQ	e P	20:56:28.07		HZ	0.001	0.4
	e S	20:56:46.87		HE		

<b>16-Abr</b>	<b>Ho</b>	<b>21:56:19.3</b>			<b>ML 0.0</b>
	<b>Lat</b>	<b>37.882°N</b>	<b>Lon</b>	<b>08.128°W</b>	<b>Prof 8*</b>
	<b>Região:</b>	<b>NE Aljustrel</b>			<b>Rms 0.1</b>
	<b>AxMax</b>	<b>3.5</b>	<b>AxMin</b>	<b>1.0</b>	<b>Ang 61 ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MESJ	e Pg	21:56:21.51		HZ	0.004	0.1
	e Sg	21:56:22.79		HN		
PCVE	e Pg	21:56:24.09		HZ		
	e Sg	21:56:27.80		HE		
PNCL	e Pg	21:56:26.61		HZ		
	e Sg	21:56:31.82		HN		

<b>16-Abr</b>	<b>Ho</b>	<b>22:44:29.44</b>			<b>ML 0.0</b>
	<b>Lat</b>	<b>37.882°N</b>	<b>Lon</b>	<b>08.128°W</b>	<b>Prof 8*</b>
	<b>Região:</b>	<b>NE Aljustrel</b>			<b>Rms 0.1</b>
	<b>AxMax</b>	<b>3.5</b>	<b>AxMin</b>	<b>1.0</b>	<b>Ang 61 ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	22:44:29.44		HZ		
	e S	22:44:42.05		HE		
PVAQ	e S	22:44:42.47		HE	0.002	0.2
PCVE	e S	22:44:53.05		HN		
MESJ	e S	22:44:58.29		HE		
PBAR	e S	22:45:01.13		HE		

<b>17-Abr</b>	<b>Ho</b>	<b>04:47:56.0</b>			<b>ML 0.9</b>
	<b>Lat</b>	<b>37.165°N</b>	<b>Lon</b>	<b>09.195°W</b>	<b>Prof 3*</b>
	<b>Região:</b>	<b>NW Cabo S.Vicente</b>			<b>Rms 0.3</b>
	<b>AxMax</b>	<b>7.7</b>	<b>AxMin</b>	<b>4.0</b>	<b>Ang 76 ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	04:48:01.18		HZ	0.006	1.0
	e S	04:48:05.56		HE		
MORF	e P	04:48:03.83		HZ	0.002	0.4
	e S	04:48:09.75		HN		
PTEO	e S	04:48:12.84		EE		
PBDV	e S	04:48:29.75		HE	0.001	0.5
MESJ	e P	04:48:15.27		HZ	0.002	0.9
	e S	04:48:28.73		HN		
PCVE	e S	04:48:29.43		HN		
PNCL	e P	04:48:16.19		HZ	0.002	0.3
	e S	04:48:30.28		HN		
PVAQ	e P	04:48:17.95		HZ	0.002	0.7
	e S	04:48:34.28		HE		
PMRV	e S	04:49:09.33		HE		

<b>17-Abr</b>	<b>Ho</b>	<b>12:39:49.9</b>			<b>ML 1.8</b>
	<b>Lat</b>	<b>36.947°N</b>	<b>Lon</b>	<b>07.300°W</b>	<b>Prof 11</b>
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>3.1</b>	<b>AxMin</b>	<b>2.6</b>	<b>Ang 174 ErrZ 5</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e Pg	12:40:00.06		HZ	0.022	0.3
	e Sg	12:40:07.89		HE		
PBDV	e Pg	12:40:00.24		HZ	0.046	1.7
	e Sg	12:40:09.07		HN		
PCVE	e P	12:40:06.22		HZ	0.011	1.9
	e S	12:40:18.23		HE		
MORF	e P	12:40:09.94		HZ	0.022	0.1
	e S	12:40:24.78		HE		
MESJ	e P	12:40:09.98		HZ	0.009	0.1
	e S	12:40:25.18		HN		
PBEJ	e S	12:40:25.94		EN	0.007	0.3
PFVI	e P	12:40:11.95		HZ	0.007	0.4
	e S	12:40:27.64		HN		
PBAR	e P	12:40:12.97		HZ	0.012	1.4
	e S	12:40:28.37		HE		
PTEO	e P	12:40:12.74		EZ	0.008	0.4
	e S	12:40:29.33		EN		
PNCL	e Pg	12:40:16.62		HZ	0.006	1.5
	e Sg	12:40:36.70		HN		
PESTR	e Sg	12:40:49.89		HE	0.004	0.1
PMTG	e Pn	12:40:24.73		HZ	0.003	0.3
	e Sg	12:40:59.04		HE		
PMRV	e Sg	12:41:05.61		HE	0.003	0.7

<b>17-Abr</b>	<b>Ho</b>	<b>16:39:55.2</b>			<b>ML 2.4</b>
	<b>Lat</b>	<b>38.994°N</b>	<b>Lon</b>	<b>11.150°W</b>	<b>Prof 24*</b>
	<b>Região:</b>	<b>Abissal do Tejo</b>			<b>Rms 0.3</b>
	<b>AxMax</b>	<b>4.9</b>	<b>AxMin</b>	<b>2.0</b>	<b>Ang 86 ErrZ 0</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMAFR	e P	16:40:15.90		HZ	0.081	0.3
	e S	16:40:31.66		HN		
PSSES	e S	16:40:36.84		HE		
PACT	e P	16:40:21.28		BZ		
	e S	16:40:41.93		BN		
PNCL	e P	16:40:26.07		HZ	0.016	0.3
	e S	16:40:49.16		HN		
PMTG	e P	16:40:26.91		HZ	0.009	0.2
	e S	16:40:51.63		HE		
PCAS	e P	16:40:26.96		HZ	0.008	1.0
	e S	16:40:51.88		HN		
PTEO	e P	d 16:40:28.38		EZ	0.016	0.4
	e S	16:40:53.19		EN		
EVO	e P	16:40:29.95		HZ	0.015	0.1
	e S	16:40:56.10		HE		
MESJ	e P	16:40:30.84		HZ	0.010	0.1
	e S	16:40:57.53		HE		
MORF	e P	c 16:40:31.12		HZ	0.020	0.3
	e S	16:40:57.87		HN		
PFVI	e P	16:40:31.39		HZ	0.022	0.6
	e S	16:40:58.10		HE		
PBEJ	e P	16:40:34.05		EZ	0.008	0.7
	e S	16:41:02.45		EE		

PESTR	e P	16:40:34.03	HZ	0.005	0.7	PACT	e P	20:27:03.49	BZ		
	e S	16:41:02.92	HN				e S	20:27:37.49	BE		
PCVE	e P	16:40:34.81	HZ	0.008	0.2	PCAS	e P	20:27:05.77	HZ	0.012	0.1
	e S	16:41:03.72	HE				e S	20:27:40.12	HN		
PMRV	e P	16:40:35.96	HZ	0.007	1.0	COI	e P	20:27:07.83	HZ	0.031	0.1
	e S	16:41:07.42	HE				e S	20:27:43.57	HN		
PCBR	e P	16:40:36.20	EZ	0.002	0.1	PMTG	e P	20:27:09.13	HZ	0.012	0.5
	e S	16:41:07.73	EE				e S	20:27:45.69	HN		
PVIS	e S	16:41:09.18	HN	0.007	0.3	PNCL	e P	20:27:07.90	HZ	0.013	0.6
PBDV	e P	16:40:38.80	HZ	0.009	0.5		e S	20:27:45.27	HE		
	e S	16:41:10.73	HE			PTO	e P	20:27:09.09	SZ	0.055	0.3
MTE	e S	16:41:12.68	HN	0.006	0.5		e S	20:27:46.77	SE		
PVAQ	e P	16:40:39.35	HZ	0.007	0.4	PTEO	e P	20:27:09.60	EZ	0.033	0.5
	e S	16:41:11.36	HE				e S	20:27:48.23	EE		
PBAR	e P	16:40:42.22	HZ	0.006	0.2	EVO	e P	20:27:11.62	HZ	0.017	1.8
	e S	16:41:15.91	HE				e S	20:27:51.61	HN		
PVRL	e S	16:41:19.98	SN	0.010	0.1	PFVI	i P	c 20:27:11.51	HZ		
PCAB	e P	16:40:45.32	HZ	0.020	0.2		e S	20:27:51.87	HN		
	e S	16:41:22.67	HE			MORF	e P	d 20:27:11.90	HZ	0.021	1.4
PGAV	e P	16:40:46.44	HZ	0.009	0.8		e S	20:27:54.49	HN		
	e S	16:41:25.12	HE			MESJ	e P	20:27:12.63	HZ	0.017	0.3
MVO	e P	16:40:48.58	HZ	0.006	0.5		e S	20:27:54.18	HN		
	e S	16:41:27.44	HE			PVIS	e P	20:27:13.94	HZ	0.052	1.1
PBRG	e P	16:40:56.15	HZ	0.004	0.1		e S	20:27:54.98	HE		
	e S	16:41:41.33	HN			PESTR	e P	20:27:15.56	HZ	0.006	0.5

#### 17-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pg	18:25:21.78		HZ	0.003	0.3
	e Sn	18:25:48.59		HE		
	e Sg	18:26:01.21		HE		
PESTR	e Pg	18:25:32.25		HZ	0.005	0.8
	e Sn	18:26:02.29		HE		
	e Sg	18:26:21.37		HN		
PVAQ	e Sn	18:26:01.33		HE	0.003	0.7
	e Sg	18:26:18.98		HN		

**17-Abr** Ho 20:19:31.6 ML 1.1  
Lat 37.315°N Lon 08.626°W Prof 13  
Região: W Monchique Rms 0.3  
AxMax 2.5 AxMin 2.3 Ang 118 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e Pg	c 20:19:33.73		HZ	0.041	0.1
	e Sg	20:19:35.68		HN		
PFVI	e Pg	20:19:36.43		HZ	0.041	0.7
	e Sg	20:19:40.14		HN		
PTEO	e Pg	d 20:19:36.58		EZ		
	e Sg	20:19:40.22		EN		
PBDV	e Pg	20:19:41.92		HZ	0.004	0.5
	e Sg	20:19:50.03		HN		
PCVE	e Pg	20:19:41.84		HZ	0.005	0.8
	e Sg	20:19:48.99		HE		
MESJ	e Pg	20:19:43.06		HZ	0.005	0.2
	e Sg	20:19:50.90		HN		
PVAQ	e P	20:19:44.65		HZ	0.005	0.5
	e S	20:19:54.42		HE		
PNCL	e P	20:19:46.20		HZ	0.006	0.6
	e S	20:19:56.39		HN		
PBEJ	e P	20:19:48.49		EZ	0.003	0.2
	e S	20:20:00.70		EE		
EVO	e S	20:20:11.74		HE	0.002	0.1
PBAR	e Sg	20:20:19.07		HE		
PESTR	e Sg	20:20:26.15		HN		
PMTG	e Sg	20:20:27.12		HN		

**17-Abr** Ho 20:26:19.3 ML 2.8  
Lat 39.441°N Lon 12.763°W Prof 23\*  
Região: Tore Rms 0.4  
AxMax 5.1 AxMin 2.6 Ang 84 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e P	20:26:57.98		HZ	0.058	0.4
	e S	20:27:27.61		HE		
GGNV	e S	20:27:33.64		HN		
PSSES	e P	20:27:01.16		HZ	0.174	0.8
	e S	20:27:32.43		HE		
PSBE	e P	20:27:02.93		HZ	0.018	0.7
	e S	20:27:35.56		HN		

	e P	20:27:03.49	BZ		
	e S	20:27:37.49	BE		
PCAS	e P	20:27:05.77	HZ	0.012	0.1
	e S	20:27:40.12	HN		
COI	e P	20:27:07.83	HZ	0.031	0.1
	e S	20:27:43.57	HN		
PMTG	e P	20:27:09.13	HZ	0.012	0.5
	e S	20:27:45.69	HN		
PNCL	e P	20:27:07.90	HZ	0.013	0.6
	e S	20:27:45.27	HE		
PTO	e P	20:27:09.09	SZ	0.055	0.3
	e S	20:27:46.77	SE		
PTEO	e P	20:27:09.60	EZ	0.033	0.5
	e S	20:27:48.23	EE		
EVO	e P	20:27:11.62	HZ	0.017	1.8
	e S	20:27:51.61	HN		
PFVI	i P	c 20:27:11.51	HZ		
	e S	20:27:51.87	HN		
MORF	e P	d 20:27:11.90	HZ	0.021	1.4
	e S	20:27:54.49	HN		
MESJ	e P	20:27:12.63	HZ	0.017	0.3
	e S	20:27:54.18	HN		
PVIS	e P	20:27:13.94	HZ	0.052	1.1
	e S	20:27:54.98	HE		
PESTR	e P	20:27:15.56	HZ	0.006	0.5
	e S	20:27:58.11	HN		
PBEJ	e P	20:27:16.01	EZ	0.010	0.3
	e S	20:27:58.39	EN		
PCBR	e P	20:27:16.33	EZ	0.010	0.1
	e S	20:27:58.70	EN		
PCVE	e P	20:27:16.11	HZ	0.006	0.1
	e S	20:27:59.20	HE		
MTE	e P	20:27:16.84	HZ	0.012	0.3
	e S	20:27:59.63	HE		
PMRV	e P	20:27:17.30	HZ	0.013	0.1
	e S	20:28:00.07	HE		
PGAV	e P	20:27:18.09	HZ	0.010	0.4
	e S	20:28:02.27	HN		
PCAB	e P	20:27:18.13	HZ	0.020	0.2
	e S	20:28:02.67	HE		
PVRL	e P	20:27:18.70	SZ	0.012	0.1
	e S	20:28:02.73	SE		
PBDV	e P	c 20:27:19.56	HZ	0.008	0.4
	e S	20:28:05.47	HN		
PVAQ	e P	20:27:20.76	HZ	0.011	0.3
	e S	20:28:07.51	HN		
PBAR	e P	20:27:23.58	HZ	0.008	0.2
	e S	20:28:12.60	HE		
MVO	e P	20:27:24.56	HZ	0.012	1.3
	e S	20:28:13.26	HE		
PBRG	e P	20:27:31.08	HZ	0.006	0.1
	e S	20:28:24.82	HE		

**18-Abr** Ho 01:45:26.9 ML 2.1  
Lat 37.014°N Lon 02.503°W Prof 12  
Região: S Almeria (ESP) Rms 0.4  
AxMax 2.3 AxMin 1.8 Ang 154 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	01:46:24.17		HZ		
	e Sn	01:47:06.70		HE		
PVAQ	e Pn	01:46:30.23		HZ		
PESTR	e Pn	01:46:33.16		HZ		
	e Sn	01:47:23.77		HE		
PMRV	e Pn	01:46:36.08		HZ	0.004	0.6
	e Sn	01:47:25.05		HE		
MESJ	e Pn	01:46:37.50		HZ		

**18-Abr** Ho 05:32:01.1 Distante (NEIC) MB 5.4  
Lat 11.855°N Lon 142.193°E Prof 43  
Região: South of Mariana Islands

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKP	05:50:47.60		BZ		
MVO	e PKP	05:50:48.17		BZ		
PVRL	e PKP	05:50:48.57		SZ		
PVIS	e PKP	05:50:49.39		BZ		
MTE	e PKP	05:50:49.90		BZ		
PCBR	e PKP	05:50:50.56		SZ		
PCAS	e PKP	05:50:50.33		BZ		

PMRV	e PKP	05:50:51.03	BZ		
PESTR	e PKP	05:50:51.50	BZ		
PMTG	e PKP	05:50:52.09	BZ		
PBAR	e PKP	05:50:52.68	BZ		
EVO	e PKP	05:50:53.26	BZ		
PMAFR	e PKP	05:50:53.97	BZ		
PBEJ	e PKP	05:50:53.85	SZ		
PCVE	e PKP	05:50:55.14	BZ		
PBDV	e PKP	05:50:55.26	BZ		

**18-Abr** Ho 06:16:02.2 Distante (NEIC) MW 5.4  
Lat 05.150°N Lon 82.560°W Prof 10  
Região: South of Panama

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PNCL	e P	06:27:42.36		BZ		
PCAS	e P	06:27:44.02		BZ		
PCVE	e P	06:27:45.45		BZ	0.038	1.3
PESTR	e P	06:27:48.23		BZ		
PCBR	e P	06:27:49.56		SZ		
PMRV	e P	06:27:49.45		BZ	0.031	1.8
PBAR	e P	06:27:49.17		BZ	0.036	1.9
MVO	e P	06:27:52.28		BZ		
PBRG	e P	06:27:54.24		BZ		

**18-Abr** Ho 08:16:43.3 ML 1.7  
Lat 36.760°N Lon 05.357°W Prof 14  
Região: N Gibraltar (ESP) Rms 0.4  
AxMax 2.9 AxMin 2.7 Ang 60 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	08:17:14.52		HZ	0.003	0.2
	e Sn	08:17:38.79		HE		
PVAQ	e Pn	08:17:15.12		HZ		
	e Sn	08:17:38.87		HN		
PBDV	e Pn	08:17:17.05		HZ		
PCVE	e Pn	08:17:19.54		HZ	0.005	0.5
	e Sn	08:17:47.43		HN		
PNCL	e Pn	08:17:27.33		HZ		
	e Sn	08:18:01.09		HN		

**18-Abr** Ho 10:33:31.5 ML 3.3  
Lat 36.804°N Lon 04.555°W Prof 53  
Região: NW Malaga (ESP) Rms 0.4  
AxMax 2.6 AxMin 2.3 Ang 152 ErrZ 6

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	10:34:07.66		HZ	0.074	0.2
	e S	10:34:34.55		HN		
PVAQ	e P	10:34:10.31		HZ	0.098	0.2
	e S	10:34:38.70		HN		
PBDV	e P	10:34:12.54		HZ	0.030	0.2
	e S	10:34:42.25		HE		
PBEJ	e P	10:34:15.56		EZ	0.031	0.1
	e S	10:34:47.03		EE		
PCVE	e P	10:34:14.53		HZ	0.020	0.1
	e S	10:34:47.32		HE		
MESJ	e P	10:34:17.39		HZ	0.025	0.3
	e S	10:34:51.50		HN		
PESTR	e P	10:34:18.47		HZ	0.036	0.2
	e S	10:34:52.25		HN		
EVO	e P	10:34:19.52		HZ	0.165	0.3
	e S	10:34:54.12		HN		
MORF	e P	10:34:20.53		HZ	0.044	0.2
	e S	10:34:57.53		HN		
PTEO	e P	10:34:21.75		EZ	0.032	0.3
	e S	10:34:59.00		EN		
PNCL	e P	10:34:21.89		HZ	0.038	0.2
	e S	10:34:59.91		HN		
PFVI	e P	10:34:21.80		HZ		
	e S	10:34:59.32		HE		
PMRV	e P	10:34:22.25		HZ	0.088	0.6
	e S	10:34:58.91		HN		
PMTG	e P	10:34:25.88		HZ	0.104	0.5
	e S	10:35:03.98		HE		
PCBR	e P	10:34:27.53		EZ	0.112	0.6
	e S	10:35:07.15		EE		
PACT	e P	10:34:29.30		BZ		
	e S	10:35:12.03		BN		
PSES	e P	10:34:30.12		HZ	0.073	0.6
	e S	10:35:12.67		HN		

MTE	e P	10:34:34.66		HZ	0.049	0.4
	e S	10:35:18.78		HE		
PSBE	e P	10:34:34.84		HZ	0.038	0.3
	e S	10:35:20.01		HE		
PMAFR	e P	10:34:34.40		HZ	0.135	0.3
	e S	10:35:20.60		HN		
PCAS	e P	10:34:36.85		HZ	0.058	0.5
	e S	10:35:23.88		HE		
COI	e P	10:34:38.11		HZ	0.150	0.5
	e S	10:35:25.78		HE		
PVIS	e P	10:34:40.18		HZ	0.059	0.5
	e S	10:35:29.39		HN		
MVO	e P	10:34:40.80		HZ	0.056	0.3
	e S	10:35:31.05		HN		
PVRL	e P	10:34:45.64		SZ	0.128	0.1
	e S	10:35:39.16		SN		
PBRG	e P	10:34:47.79		HZ	0.012	0.4
	e S	10:35:42.34		HE		
PCAB	e P	10:34:52.61		HZ	0.017	0.2
	e S	10:35:49.17		HN		
PGAV	e P	10:34:56.67		HZ	0.019	0.3
	e S	10:35:56.72		HN		

**18-Abr** Ho 13:07:20.0 Distante (IPMA)  
Lat 00.450°S Lon 06.420°W Prof 10  
Região: South Atlantic Ocean

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	13:14:34.86		BZ		
MORF	e P	13:14:35.87		BZ	0.086	1.6
PVAQ	e P	13:14:36.02		BZ	0.060	1.6
PTEO	e P	13:14:40.87		SZ	0.092	0.8
PCVE	e P	13:14:38.09		BZ	0.068	1.5
MESJ	e P	13:14:39.99		BZ	0.038	1.4
PBEJ	e P	13:14:41.48		SZ	0.055	1.6
PBAR	e P	13:14:42.15		BZ	0.030	1.6
	e PP	13:16:07.98		BZ		
EVO	e P	13:14:45.56		BZ	0.027	1.4
PMTG	e P	13:14:49.91		BZ	0.027	2.9
PMRV	e P	13:14:53.07		BZ	0.050	1.7
	e PP	13:16:26.47		BZ		
PCBR	e P	13:14:56.51		SZ		
	e PP	13:16:32.97		SZ		
PCAS	e P	13:14:58.28		BZ	0.015	0.7
COI	P	13:15:00.10		HZ		
MTE	e P	13:15:01.30		BZ	0.060	1.3
PVIS	e P	13:15:03.51		BZ		
	e PP	13:16:39.61		BZ		
MVO	e P	13:15:07.48		BZ	0.049	1.2
PVRL	e P	13:15:08.34		SZ		
PBRG	e P	13:15:12.47		BZ	0.040	1.4
	e PP	13:16:52.27		BZ		
PGAV	e P	13:15:13.81		BZ	0.102	1.8

**18-Abr**  
Est Fase P h:m:s Dur Co Amp Per  
PVAQ e P 15:21:29.24 HZ  
PBDV e P 15:21:30.68 HZ

**18-Abr** Ho 15:49:46.2 ML 1.8  
Lat 36.983°N Lon 05.579°W Prof 15  
Região: SE Sevilha (ESP) Rms 0.5  
AxMax 3.6 AxMin 3.0 Ang 42 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	15:50:13.30		HZ	0.003	0.7
	e Sn	15:50:34.76		HN		
	e Sg	15:50:38.05		HN		
PVAQ	e Pn	15:50:15.60		HZ	0.003	0.8
	e Sn	15:50:37.77		HN		
	e Sg	15:50:42.61		HN		
PBDV	e Pn	15:50:16.81		HZ	0.005	0.6
	e Sn	15:50:41.76		HN		
MESJ	e Pn	15:50:22.24		HZ		
	e Sg	15:50:58.49		HE		
PESTR	e Sg	15:51:02.38		HN		
PNCL	e Pn	15:50:26.79		HZ	0.010	0.6
	e Sg	15:51:08.59		HN		



<b>19-Abr</b>	<b>Ho</b>	<b>19:57:16.2</b>			<b>ML 1.4</b>		
	<b>Lat</b>	<b>37.317°N</b>	<b>Lon</b>	<b>08.516°W</b>	<b>Prof 1*</b>		
	<b>Região:</b>	<b>E Monchique</b>			<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>2.3</b>	<b>AxMin</b>	<b>2.1</b>	<b>Ang</b>	<b>135</b>	<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MORF	e Pg	c 19:57:18.40		HZ	0.126	0.1	
	e Sg	19:57:20.45		HE			
PTEO	e Pg	d 19:57:21.37		EZ	0.014	0.4	
	e Sg	19:57:25.24		EN			
PFVI	e Pg	19:57:21.55		HZ	0.035	0.1	
	e Sg	19:57:25.39		HE			
PBDV	e Pg	19:57:24.89		HZ	0.008	0.1	
	e Sg	19:57:31.67		HE			
PCVE	e Pg	19:57:25.42		HZ	0.004	0.3	
	e Sg	19:57:31.69		HE			
MESJ	e Pg	19:57:26.79		HZ			
PVAQ	e Pg	19:57:28.14		HZ	0.011	0.1	
	e Sg	19:57:36.02		HE			
PNCL	e P	19:57:30.72		HZ	0.018	0.2	
	e S	19:57:40.99		HE			
PBEJ	e P	19:57:32.63		EZ	0.005	0.2	
	e S	19:57:44.48		EE			
EVO	e P	19:57:39.60		HZ	0.005	0.1	
	e S	19:57:56.58		HE			
PBAR	e S	19:58:01.15		HN	0.002	0.2	
PACT	e Sg	19:58:03.36		BN			
PMAFR	e Sg	19:58:11.56		HN			
PMTG	e Pg	19:57:48.75		HZ	0.003	0.8	
	e Sg	19:58:10.98		HN			
PSBE	e Sg	19:58:24.78		HN			
PMRV	e Sn	19:58:20.76		HN			

<b>19-Abr</b>	<b>Ho</b>	<b>22:20:36.5</b>			<b>ML 1.1</b>		
	<b>Lat</b>	<b>37.201°N</b>	<b>Lon</b>	<b>08.592°W</b>	<b>Prof 17</b>		
	<b>Região:</b>	<b>NW Portimão</b>			<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>3.1</b>	<b>Ang</b>	<b>149</b>	<b>ErrZ 8</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MORF	e Pg	22:20:40.02		HZ	0.030	0.1	
	e Sg	22:20:42.73		HE			
PFVI	e Pg	c 22:20:41.05		HZ	0.011	0.1	
	e Sg	22:20:44.34		HN			
PTEO	e Pg	d 22:20:43.62		EZ	0.007	0.5	
	e Sg	22:20:48.82		EN			
PBDV	e Pg	22:20:46.56		HZ	0.006	0.7	
	e Sg	22:20:53.89		HE			
PCVE	e Pg	22:20:48.09		HZ	0.003	0.4	
	e Sg	22:20:55.97		HE			
MESJ	e Pg	22:20:49.63		HZ	0.003	0.7	
	e Sg	22:20:58.47		HN			
PVAQ	e P	22:20:49.85		HZ	0.003	0.4	
	e S	22:20:59.52		HE			
PNCL	e P	22:20:52.58		HZ	0.004	0.2	
	e S	22:21:04.90		HE			
PBAR	e Sg	22:21:25.52		HE			
PMTG	e Sg	22:21:34.96		HE			
PMRV	e Sg	22:21:51.87		HE			

<b>20-Abr</b>	<b>Ho</b>	<b>00:10:56.2</b>			<b>ML 1.5</b>		
	<b>Lat</b>	<b>42.864°N</b>	<b>Lon</b>	<b>07.596°W</b>	<b>Prof 2</b>		
	<b>Região:</b>	<b>SW Lugo (ESP)</b>			<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>4.2</b>	<b>AxMin</b>	<b>2.7</b>	<b>Ang</b>	<b>88</b>	<b>ErrZ 20</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PGAV	e P	00:11:14.16		HZ	0.010	0.1	
	e S	00:11:28.98		HN			
PCAB	e P	00:11:18.58		HZ	0.012	0.2	
	e S	00:11:34.62		HN			
PBRG	e P	00:11:19.06		HZ	0.005	0.3	
	e S	00:11:35.20		HN			
PVRL	e Pg	00:11:25.29		SZ	0.006	0.1	
	e Sg	00:11:46.71		SE			
MVO	e Sg	00:11:52.18		HN	0.003	0.7	
PVIS	e Sg	00:12:04.72		HN	0.002	0.5	
MTE	e Sg	00:12:14.01		HE			

<b>20-Abr</b>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PGAV	e P	00:13:45.01		HZ	0.003	0.2
		e S	00:13:58.26		HN		
	PCAB	e S	00:14:03.90		HN	0.006	0.4
	PBRG	e S	00:14:04.78		HN		

<b>20-Abr</b>	<b>Ho</b>	<b>00:47:57.2</b>			<b>ML 2.4</b>		
	<b>Lat</b>	<b>36.828°N</b>	<b>Lon</b>	<b>10.656°W</b>	<b>Prof 30</b>		
	<b>Região:</b>	<b>Gorringe</b>			<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>16.5</b>	<b>AxMin</b>	<b>3.0</b>	<b>Ang</b>	<b>58</b>	<b>ErrZ 22</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PFVI	i P	c 00:48:20.54		HZ	0.021	0.2	
	e S	00:48:37.82		HE			
MORF	e P	00:48:23.01		HZ	0.023	0.2	
	e S	00:48:42.48		HN			
PTEO	e P	00:48:23.46		EZ	0.013	0.3	
	e S	00:48:43.15		EN			
PSSES	e P	00:48:27.47		HZ	0.058	0.3	
	e S	00:48:50.61		HE			
PNCL	e P	00:48:29.11		HZ	0.019	0.1	
	e S	00:48:53.06		HN			
MESJ	e P	00:48:30.02		HZ	0.009	1.0	
	e S	00:48:54.77		HE			
PBDV	e P	00:48:30.89		HZ	0.015	2.0	
	e S	00:48:54.99		HE			
PCVE	e P	00:48:30.86		HZ	0.009	0.2	
	e S	00:48:55.95		HE			
PMAFR	e P	00:48:32.19		HZ	0.022	0.2	
	e S	00:48:59.18		HN			
PACT	e P	00:48:33.33		BZ	0.014	0.3	
	e S	00:49:01.27		BE			
PVAQ	e P	00:48:33.48		HZ	0.009	0.3	
	e S	00:49:00.06		HE			
PBEJ	e P	00:48:34.65		EZ	0.007	0.2	
	e S	00:49:02.26		EN			
EVO	e P	00:48:37.19		HZ	0.012	0.1	
	e S	00:49:06.77		HN			
PMTG	e P	00:48:40.20		HZ	0.006	0.7	
	e S	00:49:12.71		HE			
PSBE	e P	00:48:41.70		HZ			
	e S	00:49:15.71		HE			
PESTR	e P	00:48:43.44		HZ	0.004	0.5	
	e S	00:49:18.45		HE			
PBAR	e P	00:48:43.96		HZ	0.005	0.7	
	e S	00:49:18.24		HE			
PCAS	e P	00:48:49.43		HZ	0.005	0.4	
	e S	00:49:29.24		HN			
PMRV	e P	00:48:49.61		HZ	0.009	1.5	
	e S	00:49:29.02		HE			
COI	e S	00:49:33.16		HE			
PCBR	e P	00:48:53.33		EZ	0.003	0.6	
	e S	00:49:35.53		EN			
MTE	e P	00:48:59.01		HZ	0.005	0.7	
	e S	00:49:45.14		HN			
PVIS	e P	00:49:00.41		HZ	0.006	0.3	
	e S	00:49:48.32		HN			
PVRL	e S	00:50:01.33		SN	0.004	0.1	
MVO	e P	00:49:10.21		HZ	0.003	0.3	
	e S	00:50:05.52		HE			
PGAV	e P	00:49:14.35		HZ	0.004	0.8	
	e S	00:50:12.13		HE			
PBRG	e S	00:50:20.89		HE	0.002	0.3	

<b>20-Abr</b>	<b>Ho</b>	<b>03:25:59.5</b>			<b>ML 1.1</b>		
	<b>Lat</b>	<b>38.083°N</b>	<b>Lon</b>	<b>08.361°W</b>	<b>Prof 0*</b>		
	<b>Região:</b>	<b>SE Grândola</b>			<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>1.8</b>	<b>AxMin</b>	<b>1.1</b>	<b>Ang</b>	<b>90</b>	<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PNCL	e Pg	d 03:26:01.84		HZ	0.012	0.1	
	e Sg	03:26:03.71		HN			
MESJ	e Pg	03:26:04.39		HZ	0.004	0.4	
	e Sg	03:26:07.96		HE			
PBEJ	e Pg	03:26:06.93		EZ			
	e Sg	03:26:12.27		EN			
PCVE	e Pg	03:26:08.70		HZ			
	e Sg	03:26:15.67		HE			

MVO	e Pg	03:26:08.88	HZ	0.004	0.2	PVIS	e Pn	08:35:00.41	HZ	0.199	0.5
	e Sg	03:26:15.70	HE				e Pg	08:35:09.92	HZ		
PTEO	e Pg	03:26:10.69	EZ	0.007	0.7		e Sg	08:35:50.93	HE		
	e Sg	03:26:18.93	EN			MTE	e Pn	08:34:59.95	HZ	0.287	0.4
MORF	e S	03:26:24.85	HE	0.010	0.1		e Pg	08:35:11.32	HZ		
PVAQ	e P	03:26:15.13	HZ				e Sn	08:35:38.26	HE		
	e S	03:26:26.55	HE				e Sg	08:35:53.15	HE		
PBDV	e S	03:26:28.39	HN			PTO	e Sg	08:35:56.36	SE	0.115	0.6
PESTR	e P	03:26:17.62	HZ			PCBR	e Pn	08:35:05.36	EZ	0.107	0.4
	e S	03:26:31.36	HE				e Pg	08:35:19.28	EZ		
PMTG	e P	03:26:17.64	HZ	0.006	0.8		e Sn	08:35:48.06	EN		
	e S	03:26:30.30	HE				e Sg	08:36:06.55	EE		
PFVI	e S	03:26:31.97	HN			COI	e Sn	08:35:52.39	HE	0.232	0.4
PBAR	e S	03:26:32.77	HE	0.003	0.7		e Sg	08:36:11.88	HE		
PMAFR	e P	03:26:20.77	HZ			PMRV	e Pn	08:35:09.98	HZ	0.115	0.4
	e S	03:26:35.76	HN				e Pg	08:35:24.81	HZ		
PMRV	e P	03:26:27.17	HZ				e Sn	08:35:55.60	HE		
	e S	03:26:47.28	HN				e Sg	08:36:16.16	HN		

**20-Abr Ho 04:21:39.2 ML 1.8**  
**Lat 36.262°N Lon 09.874°W Prof 29**  
**Região: SW Cabo S.Vicente Rms 0.3**  
**AxMax 6.2 AxMin 4.6 Ang 78 ErrZ 10**

<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	04:21:58.57		HZ		
	e S	04:22:13.29		HE		
MORF	e P	04:22:01.62		HZ		
PTEO	e P	04:22:03.75		EZ		
	e S	04:22:21.97		EE		
PBDV	e S	04:22:28.64		HE		
PCVE	e P	04:22:09.83		HZ		
	e S	04:22:32.71		HE		
MESJ	e P	04:22:10.19		HZ		
	e S	04:22:31.99		HE		
PVAQ	e P	04:22:10.62		HZ		
	e S	04:22:33.91		HE		
PNCL	e P	04:22:11.12		HZ	0.002	0.4
	e S	04:22:34.99		HN		
PSES	e S	04:22:38.16		HE	0.024	0.6
PBEJ	e S	04:22:41.55		EN		
PACT	e S	04:22:47.70		BE		
EVO	e P	04:22:18.89		HZ	0.002	0.3
	e S	04:22:48.68		HN		
PMAFR	e P	04:22:19.48		HZ		
	e S	04:22:49.68		HN		
PBAR	e P	04:22:23.49		HZ		
	e S	04:22:55.73		HE		
PMTG	e P	04:22:24.29		HZ		
	e S	04:22:58.32		HE		
PESTR	e S	04:23:00.74		HN		
PSBE	e S	04:23:04.76		HE		
PMRV	e P	04:22:32.85		HZ		
	e S	04:23:13.24		HE		

**20-Abr Ho 08:34:10.1 ML 3.6**  
**Lat 42.947°N Lon 04.628°W Prof 23**  
**Região: NE León (ESP) Rms 0.5**  
**AxMax 2.7 AxMin 2.6 Ang 91 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	08:34:40.83		HZ	0.714	0.4
	e Pg	08:34:45.37		HZ		
	e Sn	08:35:05.62		HN		
	e Sg	08:35:10.79		HE		
MVO	e Pn	08:34:48.66		HZ	0.456	0.3
	e Pg	08:34:56.02		HZ		
	e Sg	08:35:27.38		HE		
PCAB	e Pn	08:34:52.52		HZ	0.332	0.8
	e Pg	08:35:01.60		HZ		
	e Sg	08:35:36.68		HE		
PVRL	e Pn	08:34:53.46		SZ	0.311	0.2
	e Pg	08:35:02.49		SZ		
	e Sn	08:35:25.58		SE		
	e Sg	08:35:37.07		SN		
PGAV	e Pn	08:34:53.51		HZ	0.162	0.7
	e Sn	08:35:26.35		HE		
	e Sg	08:35:38.87		HN		

	e Pn	08:35:00.41	HZ	0.199	0.5
	e Pg	08:35:09.92	HZ		
	e Sg	08:35:50.93	HE		
MTE	e Pn	08:34:59.95	HZ	0.287	0.4
	e Pg	08:35:11.32	HZ		
	e Sn	08:35:38.26	HE		
	e Sg	08:35:53.15	HE		
PTO	e Sg	08:35:56.36	SE	0.115	0.6
PCBR	e Pn	08:35:05.36	EZ	0.107	0.4
	e Pg	08:35:19.28	EZ		
	e Sn	08:35:48.06	EN		
	e Sg	08:36:06.55	EE		
COI	e Sn	08:35:52.39	HE	0.232	0.4
	e Sg	08:36:11.88	HE		
PMRV	e Pn	08:35:09.98	HZ	0.115	0.4
	e Pg	08:35:24.81	HZ		
	e Sn	08:35:55.60	HE		
	e Sg	08:36:16.16	HN		
PCAS	e Pn	08:35:10.27	HZ	0.147	0.7
	e Sn	08:35:56.10	HE		
	e Sg	08:36:16.63	HE		
PESTR	e Pn	08:35:18.11	HZ	0.064	0.6
	e Sn	08:36:09.75	HE		
	e Sg	08:36:32.97	HN		
PMTG	e Pn	08:35:18.70	HZ	0.043	0.6
	e Sn	08:36:10.47	HE		
	e Sg	08:36:39.02	HE		
EVO	e Pn	08:35:23.71	HZ	0.048	0.6
	e Sn	08:36:20.08	HE		
	e Sg	08:36:47.39	HN		
PBAR	e Pn	08:35:23.96	HZ	0.051	0.4
	e Sn	08:36:18.50	HN		
	e Sg	08:36:50.27	HE		
PACT	e Pn	08:35:27.56	BZ	0.095	0.8
	e Sn	08:36:24.27	BE		
	e Sg	08:36:54.34	BN		
PMAFR	e Pn	08:35:27.10	HZ		
	e Sn	08:36:24.52	HE		
PBEJ	e Sn	08:36:29.62	EN	0.022	0.4
	e Sg	08:37:01.58	EN		
PSES	e Sn	08:36:33.59	HE	0.066	0.5
	e Sg	08:37:09.65	HN		
PNCL	e Pn	08:35:31.39	HZ	0.020	0.5
	e Sn	08:36:33.07	HN		
	e Sg	08:37:06.57	HN		
MESJ	e Pn	08:35:33.38	HZ	0.037	0.4
	e Sn	08:36:36.82	HE		
	e Sg	08:37:11.46	HN		
PCVE	e Pn	08:35:34.55	HZ	0.039	0.6
	e Sn	08:36:39.24	HN		
	e Sg	08:37:14.81	HE		
PVAQ	e Pn	08:35:36.15	HZ	0.031	0.8
	e Sn	08:36:40.10	HE		
	e Sg	08:37:18.29	HE		
PBDV	e Pn	08:35:39.41	HZ	0.028	0.4
	e Sn	08:36:47.36	HN		
	e Sg	08:37:26.58	HE		
PTEO	e Sn	08:36:46.82	EN	0.041	0.5
	e Sg	08:37:25.53	EN		
MORF	e Sn	08:36:51.91	HN	0.022	0.5
	e Sg	08:37:30.92	HN		
PFVI	e Sn	08:36:55.88	HN	0.028	0.5

**20-Abr Ho 10:22:23.2 ML 3.1**  
**Lat 42.947°N Lon 04.580°W Prof 18**  
**Região: SW Santander (ESP) Rms 0.4**  
**AxMax 2.9 AxMin 2.5 Ang 172 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	10:22:55.24		HZ	0.172	0.4
	e Pg	10:22:59.56		HZ		
	e Sn	10:23:19.68		HE		
	e Sg	10:23:23.85		HE		
MVO	e Pn	10:23:03.36		HZ	0.135	0.4
	e Pg	10:23:10.23		HZ		
	e Sn	10:23:32.24		HE		
	e Sg	10:23:41.59		HE		

PCAB	e Pn	10:23:07.07	HZ	0.063	0.4	PVAQ	e Pn	17:36:15.65	HZ	0.006	0.7
	e Sg	10:23:50.81	HE				e Sn	17:37:01.81	HE		
PVRL	e Pn	10:23:08.63	SZ	0.083	0.7	PESTR	e Pn	17:36:16.59	HZ	0.006	0.5
	e Pg	10:23:15.80	SZ				e Sn	17:37:04.25	HE		
	e Sn	10:23:40.36	SN				e Sg	17:37:23.80	HE		
	e Sg	10:23:52.38	SE			MESJ	e Pn	17:36:20.70	HZ		
PGAV	e Pn	10:23:07.88	HZ	0.046	0.3	PCBR	e Pn	17:36:21.29	EZ	0.004	0.5
	e Sn	10:23:41.12	HN				e Sn	17:37:11.26	EE		
	e Sg	10:23:52.79	HE				e Sg	17:37:31.42	EN		
PVIS	e Pg	10:23:23.58	HZ	0.039	0.6		e Sn	17:37:16.19	HN	0.006	0.5
	e Sn	10:23:50.88	HE			PMRV	e Sg	17:37:24.59	HE	0.007	0.5
	e Sg	10:24:05.20	HN			MTE	e Sg	17:37:42.27	HN		
MTE	e Pg	10:23:24.65	HZ	0.075	0.5	MVO	e Sg	17:37:50.98	HN	0.005	0.5
	e Sn	10:23:52.52	HE								
	e Sg	10:24:07.06	HE								
PCBR	e Pg	10:23:31.87	EZ	0.034	0.4						
	e Sn	10:24:02.27	EE								
	e Sg	10:24:20.76	EE								
COI	e Pn	10:23:22.03	HZ	0.072	0.5						
	e Sg	10:24:26.61	HN								
PMRV	e Pn	10:23:25.19	HZ	0.035	0.4						
	e Pg	10:23:37.65	HZ								
	e Sn	10:24:09.98	HE								
	e Sg	10:24:30.49	HN								
PCAS	e Pn	10:23:25.30	HZ	0.040	0.8						
	e Sn	10:24:10.15	HN								
	e Sg	10:24:30.95	HE								
PESTR	e Sn	10:24:23.48	HE	0.016	0.6						
	e Sg	10:24:47.45	HN								
PMTG	e Sn	10:24:24.67	HE	0.012	0.6						
	e Sg	10:24:51.78	HE								
PBAR	e Sn	10:24:34.57	HN	0.016	0.4						
	e Sg	10:25:02.41	HN								
PMAFR	e Sn	10:24:40.12	HE								
	e Sg	10:25:04.55	HN								
PBEJ	e Sn	10:24:43.60	EN	0.009	0.8						
	e Sg	10:25:15.78	EN								
PNCL	e Pn	10:23:46.38	HZ	0.008	0.4						
	e Sn	10:24:48.20	HE								
	e Sg	10:25:20.67	HE								
MESJ	e Sg	10:25:25.07	HE	0.012	0.5						
PCVE	e Sn	10:24:54.10	HN	0.012	0.6						
	e Sg	10:25:27.46	HN								
PVAQ	e Sn	10:24:55.47	HE	0.011	0.8						
	e Sg	10:25:32.44	HE								
PTEO	e Sg	10:25:39.94	EN	0.016	0.5						
20-Abr	Ho	16:01:53.1				ML	1.1				
	Lat	37.321°N	Lon	08.510°W		Prof	13				
	Região:	E	Monchique			Rms	0.2				
	AxMax	2.6	AxMin	2.0	Ang	137	ErrZ	5			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per				
MORF	e Pg		16:01:55.97		HZ	0.027	0.1				
	e Sg		16:01:58.41		HN						
PTEO	e Pg		16:01:58.51		EZ						
	e Sg		16:02:02.37		EN						
PFVI	e Sg		16:02:03.74		HN	0.012	0.1				
PBDV	e Pg		16:02:02.73		HZ						
	e Sg		16:02:08.14		HN						
PCVE	e Pg		16:02:03.11		HZ						
	e Sg		16:02:08.71		HE						
MESJ	e Pg		16:02:04.64		HZ						
	e Sg		16:02:10.51		HN						
PVAQ	e Pg		16:02:05.10		HZ	0.003	0.5				
	e Sg		16:02:13.01		HE						
PNCL	e P		16:02:07.55		HZ	0.004	0.3				
	e S		16:02:17.93		HN						
PBEJ	e S		16:02:20.82		EN						
EVO	e S		16:02:31.33		HN	0.002	0.2				
PBAR	e Sg		16:02:38.14		HE						
PMTG	e Sg		16:02:47.69		HE	0.002	0.9				
20-Abr											
Est	Fase	P	h:m:s	Dur	Co	Amp	Per				
PBAR	e Pn		17:36:08.31		HZ	0.004	0.5				
	e Sn		17:36:49.02		HE						
	e Sg		17:37:05.29		HN						
			</								



PESTR	e PKP	20:03:51.79	BZ		
PTEO	e PKP	20:03:54.59	SZ		
EVO	e PKP	20:03:50.85	BZ		
PMRV	e PKP	20:03:50.31	BZ		
	e LQ	20:47:40.59	LE		
	e LR	20:54:40.11	LZ	0.527	22
PNCL	e PKP	20:03:50.90	BZ		
PCBR	e PKP	20:03:52.16	SZ		
PMTG	e PKP	20:03:52.91	BZ		
MTE	e PKP	20:03:54.14	BZ		
	e LR	20:54:58.01	LZ	0.965	18
MVO	e PKP	20:03:53.50	BZ		
	e LQ	20:48:26.53	LN		
	e LR	20:55:34.79	LZ	0.602	18
PBRG	e PKP	20:03:53.66	BZ		
PMAFR	e PKP	20:03:52.28	BZ		
PVIS	e PKP	20:03:54.11	BZ		
PCAS	e PKP	20:03:54.31	BZ		
PVRL	e PKP	20:03:55.01	SZ		
PGAV	e PKP	20:03:57.95	BZ		
	e LQ	20:48:02.22	LN		
	e LR	20:56:22.14	LZ	0.854	22
PMOZ	e PP	20:07:24.03	LZ		
	e LR	20:54:24.54	LZ	0.818	20

**21-Abr Ho 20:39:13.1 ML 1.4**  
**Lat 38.252°N Lon 08.728°W Prof 13\***  
**Região: N Melides Rms 0.4**  
**AxMax 3.2 AxMin 2.0 Ang 84 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>
PNCL	i Pg	d 20:39:17.54		HZ	0.019	0.1
	e Sg	20:39:21.10		HE		
PSES	i Pg	c 20:39:19.96		HZ	0.016	0.4
	e Sg	20:39:25.03		HN		
PACT	e Pg	20:39:23.40		BZ	0.013	1.0
	e Sg	20:39:31.43		BE		
MESJ	e Pg	20:39:23.35		HZ	0.008	0.4
	e Sg	20:39:32.09		HE		
EVO	i Pg	c 20:39:24.57		HZ	0.022	0.1
	e Sg	20:39:33.00		HN		
PTEO	e Pg	20:39:26.07		EZ	0.010	0.3
	e Sg	20:39:35.14		EE		
PBEJ	e Pg	20:39:26.03		EZ	0.009	0.5
	e Sg	20:39:35.57		EN		
PCVE	e P	20:39:27.57		HZ	0.003	0.5
	e S	20:39:39.18		HE		
PMAFR	e P	20:39:28.15		HZ	0.015	0.8
	e S	20:39:38.93		HN		
PMTG	e P	20:39:29.52		HZ	0.007	0.1
	e S	20:39:41.38		HE		
MORF	e P	20:39:30.30		HZ	0.013	0.3
	e S	20:39:42.36		HN		
PESTR	e P	20:39:32.45		HZ	0.003	0.2
	e S	20:39:47.23		HE		
PFVI	e P	20:39:33.26		HZ	0.006	0.7
	e S	20:39:47.22		HE		
PVAQ	e P	20:39:33.87		HZ	0.004	0.3
	e S	20:39:48.77		HE		
PBDV	e P	20:39:34.46		HZ	0.006	1.3
	e S	20:39:49.53		HN		
PBAR	e P	20:39:36.93		HZ	0.005	0.3
	e S	20:39:53.79		HN		
PMRV	e Pn	20:39:40.80		HZ	0.002	0.2
	e Sg	20:40:01.31		HE		
PCAS	e Sg	20:40:07.81		HE	0.003	0.5
PCBR	e Sg	20:40:11.01		EE	0.001	0.7

**22-Abr Ho 01:12:24.5 Distante (NEIC) MB 4.5**  
**Lat 27.735°N Lon 53.507°E Prof 37**  
**Região: Southern Iran**

<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	01:21:21.78		BZ		
MVO	e P	01:21:23.40		BZ		
PBAR	e P	01:21:25.17		BZ		
PMRV	e P	01:21:26.05		BZ		
PCBR	e P	01:21:27.18		SZ		
PVRL	e P	01:21:27.47		SZ		
PESTR	e P	01:21:27.53		BZ		

PVIS	e P	01:21:28.42	BZ
PVAQ	e P	01:21:29.52	BZ
PBEJ	e P	01:21:30.27	SZ
EVO	e P	01:21:30.98	BZ
PCVE	e P	01:21:31.56	BZ
PCAS	e P	01:21:31.74	BZ
PNCL	e P	01:21:34.28	BZ
PACT	e P	01:21:36.49	BZ
PFVI	e P	01:21:37.09	BZ

**22-Abr Ho 05:12:10.4 ML 1.8**  
**Lat 37.883°N Lon 03.259°W Prof 12**  
**Região: NW Almeria (ESP) Rms 0.6**  
**AxMax 1.7 AxMin 1.6 Ang 85 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 Sn	05:13:31.48		HE	0.002	0.5
	e Sg	05:13:42.66		HE		
PESTR	e Sn	05:13:44.81		HE	0.002	0.6
PVAQ	e Sn	05:13:44.72		HN	0.002	0.8
	e Sg	05:13:59.86		HN		
PMRV	e Sg	05:14:01.60		HN	0.002	0.6
PBDV	e Sn	05:13:51.20		HN	0.003	0.8
	e Sg	05:14:06.39		HE		
EVO	e Sg	05:14:07.46		HN	0.002	0.6
MESJ	e Sn	05:13:54.46		HE	0.002	0.7
	e Sg	05:14:11.09		HE		
PMTG	e Sn	05:13:57.23		HE	0.002	0.4
	e Sg	05:14:16.59		HE		

**22-Abr Ho 05:38:10.5 ML 1.3**  
**Lat 36.595°N Lon 09.760°W Prof 31**  
**Região: SW Cabo S.Vicente Rms 0.4**  
**AxMax 12.0 AxMin 5.0 Ang 68 ErrZ 14**

<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	05:38:25.89		HZ	0.005	0.4
	e S	05:38:36.99		HN		
MORF	e P	05:38:28.88		HZ	0.003	0.4
	e S	05:38:42.74		HN		
PTEO	e P	05:38:31.16		EZ	0.002	0.1
	e S	05:38:45.66		EN		
PBDV	i P	c 05:38:35.40		HZ	0.002	0.6
	e S	05:38:53.87		HN		
PCVE	e P	05:38:37.28		HZ	0.002	0.8
	e S	05:38:57.51		HE		
MESJ	e P	05:38:37.27		HZ	0.001	0.1
	e S	05:38:57.33		HN		
PNCL	e P	05:38:37.91		HZ	0.002	0.9
	e S	05:38:58.29		HN		
PVAQ	e P	05:38:38.35		HZ	0.001	0.2
	e S	05:38:58.98		HE		
PMAFR	e P	05:38:45.52		HZ	0.004	0.3
	e S	05:39:12.46		HE		
PMTG	e S	05:39:21.23		HN	0.001	0.2
PESTR	e S	05:39:23.24		HN		
PMRV	e P	05:38:59.52		HZ	0.000	0.4
	e S	05:39:35.93		HE		

**22-Abr Ho 08:02:28.5 ML 0.7**  
**Lat 38.510°N Lon 07.859°W Prof 15**  
**Região: SE Evora Rms 0.2**  
**AxMax 1.8 AxMin 1.5 Ang 116 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 P	08:02:31.79		HZ	0.008	0.2
	e S	08:02:34.27		HN		
PESTR	e P	08:02:36.32		HZ		
	e S	08:02:42.11		HN		
PMTG	e S	08:02:48.32		HE		
PNCL	e P	08:02:41.02		HZ		
	e S	08:02:49.81		HN		
MESJ	e P	08:02:41.70		HZ		
	e S	08:02:51.53		HN		
PBAR	e S	08:02:51.75		HN		
PCVE	e S	08:02:56.11		HE		
PMRV	e P	08:02:46.62		HZ		
	e S	08:02:59.55		HE		
PVAQ	e S	08:03:02.99		HE		
PBDV	e S	08:03:06.67		HN		



PFVI	e P	04:39:10.97	HZ	0.003	0.4	PTEO	e S	05:11:48.57	EE					
	e S	04:39:16.80	HE			PNCL	e P	05:11:28.84	HZ	0.002	0.5			
	MORF	e P	04:39:11.16	HZ	0.002	0.1		e S	05:11:57.30	HN				
		e S	04:39:16.77	HE			PMAFR	e P	05:11:29.52	HZ	0.011	0.5		
PNCL	e S	04:39:27.40	HN	0.001	0.6		e S	05:12:00.34	HE					
PBDV	e S	04:39:32.73	HE			MESJ	e S	05:12:00.91	HN	0.002	0.4			
PVAQ	e S	04:39:35.08	HN			PBDV	e S	05:12:02.44	HN	0.002	0.6			
						PCVE	e S	05:12:01.59	HN	0.001	0.4			
23-Abr	Ho	04:46:46.0			ML 2.0	PACT	e P	05:11:31.24	BZ					
	Lat	40.896°N	Lon	08.136°W	Prof 8		e S	05:12:03.91	BE					
	Região:	SE Arouca			Rms 0.3	PVAQ	e P	05:11:34.44	HZ	0.003	0.5			
	AxMax	1.7	AxMin	1.6	Ang 82	ErrZ 2		e S	05:12:06.74	HE				
Est	Fase	P h:m:s	Dur	Co	Amp	Per	EVO	e S	05:12:10.68	HN	0.004	0.2		
PVIS	i Pg	d 04:46:50.96		HZ	0.145	0.1	PMTG	e P	05:11:39.30	HZ				
	e Sg	04:46:54.67		HN				e S	05:12:15.34	HN				
PTO	e Pg	c 04:46:53.70		SZ	0.054	0.1	PSBE	e P	05:11:38.83	HZ				
	e Sg	04:46:59.63		SE				e S	05:12:17.73	HE				
PVRL	e Pg	c 04:46:55.38		SZ	0.035	0.1	PESTR	e S	05:12:22.37	HE	0.001	0.8		
	e Sg	04:47:01.73		SN			PBAR	e S	05:12:23.90	HE	0.001	0.7		
MTE	e Pg	d 04:46:58.47		HZ	0.022	0.5	PCAS	e P	05:11:46.33	HZ				
	e Sg	04:47:07.27		HN				e S	05:12:29.61	HE				
COI	e Pg	04:46:59.16		HZ	0.046	0.3	PMRV	e P	05:11:48.59	HZ	0.002	0.5		
	e Sg	04:47:09.22		HE				e S	05:12:32.47	HN				
PCAB	e P	04:47:01.07		HZ	0.080	0.2	PCBR	e P	05:11:51.80	EZ				
	e S	04:47:12.61		HE										
MVO	e P	c 04:47:02.51		HZ	0.061	0.2	23-Abr	Ho	06:00:35.0	Distante (NEIC)	MW 5.0			
	e S	04:47:14.11		HN				Lat	22.410°S	Lon	68.610°W			
PCAS	e P	04:47:01.84		HZ	0.016	0.1		Região:	Northern Chile	Prof	110			
	e S	04:47:14.24		HE			Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PGAV	e P	04:47:05.62		HZ	0.029	0.3	MORF	e P	06:12:42.68		BZ			
	e S	04:47:20.31		HE			PTEO	e P	06:12:44.33		SZ	0.048	1.1	
PCBR	e P	c 04:47:07.41		EZ	0.023	0.2	PSBS	e P	06:12:45.66		BZ	0.185	2.1	
	e S	04:47:22.99		EE			PBDV	e P	06:12:45.54		BZ	0.042	1.8	
PBRG	e Pn	04:47:10.52		HZ	0.015	0.2	PNCL	e P	06:12:46.23		BZ	0.040	2.0	
	e Pg	04:47:11.83		HZ			PCVE	e P	06:12:46.42		BZ			
	e Sn	04:47:29.47		HE			MESJ	e P	06:12:46.53		BZ	0.024	1.9	
PSBE	e Pg	04:47:12.84		HZ	0.011	0.5	PVAQ	e P	06:12:46.90		BZ			
	e Sg	04:47:33.40		HE			PBEJ	e P	06:12:48.19		SZ	0.019	2.3	
PMRV	e Pg	04:47:14.47		HZ	0.010	0.4	PMTG	e P	06:12:49.86		BZ			
	e Sg	04:47:34.71		HN			PBAR	e P	06:12:51.06		BZ	0.017	1.4	
PMTG	e Pn	04:47:16.32		HZ	0.006	0.1	PESTR	e P	06:12:51.62		BZ			
	e Pg	04:47:18.51		HZ			MTE	e P	06:12:55.63		BZ	0.024	1.6	
	e Sg	04:47:42.07		HE			MVO	e P	06:13:00.06		BZ	0.035	1.7	
PESTR	e Pn	04:47:20.12		HZ	0.007	0.4								
	e Pg	04:47:23.90		HZ			23-Abr	Ho	08:13:58.0	Distante (NEIC)	MW 5.6			
	e Sn	04:47:45.72		HN				Lat	01.289°S	Lon	138.428°E			
	e Sg	04:47:49.15		HE				Região:	Near North Coast of Irian Jaya	Prof	10			
PMAFR	e Pn	04:47:20.81		HZ	0.012	0.9	Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	e Pg	04:47:25.46		HZ			PBRG	e PKPdf	08:33:06.05		BZ			
	e Sg	04:47:53.72		HE			MVO	e PKPdf	08:33:07.84		BZ			
PACT	e Pg	04:47:26.67		BZ				e LQ	09:16:52.39		LE			
	e Sg	04:47:55.72		BE				e LR	09:26:34.56		LZ	0.721	22	
EVO	e Pn	04:47:23.81		HZ	0.007	0.1	PGAV	e PKPdf	08:33:07.85		BZ			
	e Pg	04:47:28.01		HZ				e LR	09:27:38.32		LZ	0.673	18	
	e Sn	04:47:51.89		HN			PVRL	e PKPdf	08:33:08.65		SZ			
	e Sg	04:47:58.81		HE			MTE	e PKPdf	08:33:09.42		BZ			
PNCL	e Pg	04:47:37.91		HZ	0.002	0.4		e LR	09:25:52.39		LZ	0.843	18	
	e Sn	04:48:02.38		HN			PCBR	e PKPdf	08:33:10.37		SZ			
	e Sg	04:48:14.35		HN			PMRV	e PKPdf	08:33:10.35		BZ			
PBAR	e Pn	04:47:30.74		HZ	0.004	0.4		e LR	09:27:57.56		LZ	0.914	18	
	e Sg	04:48:15.55		HN			PBEJ	e PKPdf	08:33:13.24		SZ			
PBEJ	e Sn	04:48:04.79		EE	0.003	0.5	PVAQ	e PKPdf	08:33:13.85		BZ			
MESJ	e Pn	04:47:33.32		HZ	0.002	0.4		e LQ	09:23:00.33		LE			
	e Sn	04:48:08.62		HE				e LR	09:26:23.45		LZ	0.632	20	
PTEO	e Sg	04:48:33.31		EE			MESJ	e PKPdf	08:33:13.91		BZ			
PVAQ	e Sg	04:48:36.52		HE	0.003	0.4	PNCL	e PKPdf	08:33:13.75		BZ			
MORF	e Sg	04:48:39.44		HN	0.002	0.5								
PBDV	e Sn	04:48:23.53		HN	0.003	0.5	23-Abr	Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e Sn	04:48:26.71		HE			PNCL	e Pg	c 14:50:45.63		HZ	0.008	0.2	
								e Sg	14:50:49.39		HE			
23-Abr	Ho	05:10:50.3			ML 1.9		MESJ	e Pg	14:50:51.17		HZ	0.003	0.2	
	Lat	36.806°N	Lon	11.371°W	Prof 35*			e Sg	14:50:58.90		HE			
	Região:	Gorringe			Rms 0.4		EVO	e Sg	14:50:55.11		HN	0.007	0.1	
	AxMax	7.7	AxMin	5.2	Ang 80	ErrZ 0								
Est	Fase	P h:m:s	Dur	Co	Amp	Per								
PFVI	e P	05:11:21.19		HZ	0.007	0.4								
	e S	05:11:43.84		HE										
MORF	e S	05:11:48.31		HN	0.006	0.3								

<b>23-Abr</b>	<b>Ho</b>	<b>15:48:52.7</b>			<b>ML 3.5</b>		
	<b>Lat</b>	<b>36.012°N</b>	<b>Lon</b>	<b>00.169°E</b>	<b>Prof 7*</b>		
	<b>Região: NW Argélia (ALG)</b>				<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>5.1</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 135</b>	<b>ErrZ 0</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e P	15:50:23.36		HZ	0.021	0.8	
	e S	15:51:31.02		HN			
PVAQ	e P	15:50:27.05		HZ	0.015	0.3	
	e S	15:51:38.32		HN			
PBDV	e P	15:50:29.85		HZ	0.015	0.6	
	e S	15:51:42.98		HE			
PBEJ	e P	15:50:31.09		EZ			
	e S	15:51:46.07		EN			
PCVE	e P	15:50:31.43		HZ	0.013	0.7	
PESTR	e P	15:50:32.27		HZ	0.026	0.7	
	e S	15:51:46.93		HE			
PMRV	e P	15:50:33.83		HZ	0.039	0.6	
	e S	15:51:49.44		HN			
MESJ	e P	15:50:33.42		HZ	0.015	0.6	
EVO	e P	15:50:34.60		HZ			
	e S	15:51:51.16		HN			
PCBR	e P	15:50:37.20		EZ	0.050	0.7	
	e S	15:51:54.27		EN			
MORF	e P	15:50:37.82		HZ	0.012	0.6	
	e S	15:51:59.63		HE			
PNCL	e P	15:50:37.90		HZ	0.015	0.8	
	e S	15:51:58.30		HN			
PTEO	e P	15:50:38.63		EZ	0.024	0.9	
	e S	15:51:56.63		EE			
PFVI	e P	15:50:39.27		HZ	0.024	0.6	
	e S	15:52:01.96		HE			
PMTG	e P	15:50:39.33		HZ	0.032	0.7	
	e S	15:51:57.87		HN			
MTE	e P	15:50:42.74		HZ			
	e S	15:52:03.41		HN			
MVO	e P	15:50:44.47		HZ			
PACT	e P	15:50:44.23		BZ			
	e S	15:52:09.29		BN			
PVIS	e P	15:50:47.73		HZ	0.023	0.6	
	e S	15:52:12.75		HE			
PBRG	e P	15:50:48.67		HZ			
PCAS	e P	15:50:47.99		HZ			
	e S	15:52:11.78		HN			
COI	e P	15:50:48.66		HZ			
	e S	15:52:13.50		HN			
PMAFR	e P	15:50:49.41		HZ			
	e S	15:52:16.35		HE			
PVRL	e P	15:50:51.19		SZ			
PGAV	e P	15:51:00.44		HZ	0.016	0.6	
<b>23-Abr</b>	<b>Ho</b>	<b>19:58:30.5</b>			<b>ML 0.9</b>		
	<b>Lat</b>	<b>38.503°N</b>	<b>Lon</b>	<b>07.852°W</b>	<b>Prof 12</b>		
	<b>Região: SE Evora</b>				<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>2.8</b>	<b>AxMin</b>	<b>2.0</b>	<b>Ang 95</b>	<b>ErrZ 5</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
EVO	e Pg	19:58:33.45		HZ	0.014	0.1	
	e Sg	19:58:36.07		HN			
PESTR	e Pg	19:58:38.14		HZ			
	e Sg	19:58:44.43		HE			
PBEJ	e Sg	19:58:45.35		EE			
PMTG	e Sg	19:58:50.44		HE	0.002	0.5	
PNCL	e Pg	19:58:42.55		HZ	0.002	0.2	
	e Sg	19:58:51.61		HN			
PBAR	e Pg	19:58:44.03		HZ	0.002	0.4	
	e Sg	19:58:53.12		HN			
MESJ	e Pg	19:58:44.08		HZ	0.003	0.6	
	e Sg	19:58:53.35		HN			
PCVE	e P	19:58:46.81		HZ	0.002	0.4	
	e S	19:58:57.83		HE			
PMRV	e P	19:58:48.42		HZ	0.002	0.8	
	e S	19:59:01.23		HE			
PVAQ	e S	19:59:04.83		HE	0.002	0.7	
PBDV	e P	19:58:52.59		HZ			
	e S	19:59:09.10		HE			

<b>24-Abr</b>	<b>Ho</b>	<b>00:06:05.3</b>			<b>ML 2.1</b>		
	<b>Lat</b>	<b>37.878°N</b>	<b>Lon</b>	<b>03.211°W</b>	<b>Prof 9</b>		
	<b>Região: NW Almeria (ESP)</b>				<b>Rms 0.6</b>		
	<b>AxMax</b>	<b>2.9</b>	<b>AxMin</b>	<b>2.4</b>	<b>Ang 104</b>	<b>ErrZ 4</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e Pn	00:06:51.96		HZ	0.003	0.5	
	e Sn	00:07:27.40		HE			
	e Sg	00:07:37.86		HE			
PESTR	e Pg	00:07:10.67		HZ	0.003	0.8	
	e Sn	00:07:40.61		HN			
	e Sg	00:07:56.22		HE			
PVAQ	e Pn	00:07:00.17		HZ			
	e Sn	00:07:39.43		HE			
	e Sg	00:07:55.61		HE			
PMRV	e Pg	00:07:11.36		HZ	0.003	0.8	
	e Sg	00:07:59.76		HE			
PBDV	e Sg	00:08:02.99		HE			
PCVE	e Pn	00:07:03.25		HZ			
EVO	e Pg	00:07:15.47		HZ			
	e Sg	00:08:08.08		HN			

<b>24-Abr</b>	<b>Ho</b>	<b>00:34:31.2</b>	<b>Distante (NEIC)</b>	<b>MW 5.2</b>			
	<b>Lat</b>	<b>37.596°N</b>	<b>Lon</b>	<b>38.514°E</b>	<b>Prof 10</b>		
	<b>Região: Turkey</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MVO	e LQ	00:49:42.49		LE			
	e LR	00:49:55.79		LZ	0.469	20	
MTE	e P	00:41:30.16		BZ	0.051	1.5	
	e LQ	00:49:26.46		LE			
	e LR	00:50:38.33		LZ	0.439	18	
PCBR	e P	00:41:28.46		SZ	0.048	1.8	
PMRV	e P	00:41:26.61		BZ	0.034	1.5	
	e LR	00:49:54.90		LZ	0.602	20	
	e LQ	00:50:08.40		LE			
PBAR	e P	00:41:30.24		BZ			
PGAV	e LQ	00:49:47.98		LN			
	e LR	00:51:20.56		LZ	0.806	16	
PESTR	e P	00:41:30.75		BZ	0.045	1.2	
PBEJ	e P	00:41:34.21		SZ	0.040	1.7	
PVAQ	e P	00:41:35.19		BZ			
	e LQ	00:50:29.30		LE			
	e LR	00:55:55.28		LZ	0.237	16	
PCVE	e P	00:41:37.33		BZ	0.046	1.3	
PBDV	e P	00:41:38.85		BZ			

<b>24-Abr</b>	<b>Ho</b>	<b>00:55:44.1</b>			<b>ML 1.4</b>		
	<b>Lat</b>	<b>36.595°N</b>	<b>Lon</b>	<b>09.728°W</b>	<b>Prof 17</b>		
	<b>Região: SW Cabo S.Vicente</b>				<b>Rms 0.1</b>		
	<b>AxMax</b>	<b>5.3</b>	<b>AxMin</b>	<b>4.3</b>	<b>Ang 153</b>	<b>ErrZ 2</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PFVI	e P	00:56:00.26		HZ			
	e S	00:56:12.49		HE			
MORF	e S	00:56:17.95		HE	0.005	0.3	
PTEO	e P	00:56:05.34		EZ			
	e S	00:56:20.85		EN			
PBDV	e S	00:56:28.86		HN			
PCVE	e S	00:56:32.02		HN			
MESJ	e S	00:56:32.76		HN			
PNCL	e P	00:56:12.39		HZ			
	e S	00:56:33.81		HN			
PVAQ	e S	00:56:34.16		HE			

<b>24-Abr</b>	<b>Ho</b>	<b>01:53:09.5</b>			<b>ML 3.3</b>		
	<b>Lat</b>	<b>37.856°N</b>	<b>Lon</b>	<b>03.256°W</b>	<b>Prof 14</b>		
	<b>Região: NW Almeria (ESP)</b>				<b>Rms 0.6</b>		
	<b>AxMax</b>	<b>2.1</b>	<b>AxMin</b>	<b>1.7</b>	<b>Ang 176</b>	<b>ErrZ 3</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e Pn	01:53:54.96		HZ	0.079	0.4	
	e Sn	01:54:30.78		HN			
	e Sg	01:54:41.51		HN			
PESTR	e Pn	01:54:02.56		HZ	0.067	0.6	
	e Pg	01:54:13.55		HZ			
	e Sn	01:54:43.93		HE			
	e Sg	01:54:59.95		HE			
PVAQ	e Pn	01:54:02.62		HZ	0.076	0.4	
	e Sn	01:54:42.66		HE			
	e Sg	01:54:56.96		HN			

PMRV	e Pn	01:54:02.99	HZ	0.096	0.4	24-Abr	Ho	02:29:52.6	Distante (NEIC)			MW 5.6	
	e Sn	01:54:45.01					Lat	12.493°N	Lon	87.747°W	Prof 47		
	e Sg	01:55:00.89					Região: Near Coast of Nicaragua						
PBEJ	e Sn	01:54:44.65	EE	0.035	0.8	Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	e Sg	01:55:00.82					EN	PMAFR	e P	02:41:23.79	BZ		
PBDV	e Pn	01:54:05.64	HZ	0.051	0.5	PSBE	e P	02:41:23.72		BZ			
	e Sn	01:54:51.76					HE	PFVI	e P	02:41:24.86	BZ		
PCVE	e Sg	01:55:06.09	HN			PCAS	e P	02:41:26.78		BZ			
	e Pn	01:54:06.43					HZ	MORF	e P	02:41:25.69	BZ		
	e Sn	01:54:49.26	HN			PGAV	e P	02:41:25.94		BZ			
	e Sg	01:55:05.92					HE		e LQ	03:04:32.19	LE		
EVO	e Pn	01:54:09.20	HZ	0.059	0.4			e LR	03:04:49.37	LZ	0.676	22	
	e Sn	01:54:50.46					HN	PNCL	e P	02:41:25.06	BZ		
	e Sg	01:55:06.71	HN			PMTG	e P	02:41:26.42		BZ			
	e Pn	01:54:06.64					EZ	MESJ	e P	02:41:28.06	BZ		
PCBR	e Sn	01:54:50.88	EE			PVIS	e P	02:41:26.56		BZ			
	e Sg	01:55:10.17					EE	EVO	e P	02:41:27.53	BZ		
MESJ	e Pn	01:54:08.44	HZ	0.050	0.5	PCVE	e P	02:41:27.93		BZ			
	e Sn	01:54:52.42					HN	PBDV	e P	02:41:28.19	BZ		
	e Sg	01:55:10.17	HN			MTE	e P	02:41:29.69		BZ			
	e Pn	01:54:09.40					HZ		e S	02:50:52.58	LE		
PMTG	e Sn	01:54:55.77	HN					e LQ	03:01:01.47	LN			
	e Sg	01:55:14.90					HN		e LR	03:04:37.75	LZ	0.774	20
PNCL	e Pn	01:54:11.91	HZ	0.035	0.5	PVAQ	e P	02:41:29.24		BZ			
	e Sn	01:54:59.68					HE		e S	02:50:53.92	LE		
	e Sg	01:55:17.79	HN					e LQ	03:01:08.06	LN			
	e Sg	01:55:19.32					HN		e LR	03:04:25.63	LZ	0.738	22
MORF	e Pn	01:54:15.86	HZ	0.021	0.3	PMRV	e P	02:41:30.25		BZ			
	e Sn	01:55:02.49					HE		e LQ	03:04:19.45	LE		
PTEO	e Sn	01:55:03.53	EE	0.063	0.6			e LR	03:04:37.49	LZ	0.664	24	
	e Sg	01:55:24.25					EE	MVO	e P	02:41:30.78	BZ		
MVO	e Pn	01:54:15.52	HZ	0.038	0.6			e LQ	03:04:20.55	LE			
	e Sg	01:55:29.44					HE		e LR	03:04:58.31	LZ	0.425	20
PACT	e Sn	01:55:07.48	BN			PBRG	e P	02:41:31.80		BZ			
	e Sg	01:55:32.35					BN	PBAR	e P	02:41:30.24	BZ		
PFVI	e Sn	01:55:06.30	HN										
PVIS	e Pn	01:54:17.53	HZ	0.024	0.6	24-Abr	Ho	04:08:35.5	Distante (NEIC)			MW 5.2	
PCAS	e Pn	01:54:17.78					HZ	0.073	0.7	Lat	22.952°N	Lon	94.631°E
	e Sn	01:55:08.99	HE			Região: Myanmar							
	e Sg	01:55:34.43	HN			Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PSBE	e Pn	01:54:18.76	HZ	0.063	0.5	PBRG	e P	04:20:48.54		BZ			
	e Sn	01:55:10.23					HN	MVO	e P	04:20:51.52	BZ	0.021	2.1
	e Sg	01:55:34.01	HE			MTE	e P	04:20:55.15		BZ	0.026	1.4	
	e Pn	01:54:20.36					HZ	PCBR	e P	04:20:56.30	SZ		
PBRG	e Sg	01:55:37.32	HN			PMRV	e P	04:20:56.49		BZ	0.015	1.6	
	e Sn	01:55:15.07					HN	PBAR	e P	04:20:57.57	BZ		
PMAFR	e Sg	01:55:42.40	HE			EVO	e P	04:21:00.56		BZ			
	e Pn	01:54:26.89					HZ	PVAQ	e P	04:21:01.93	BZ	0.032	2.1
PCAB	e Pn	01:54:31.42	HZ	0.021	0.7	PBDV	e P	04:21:03.74		BZ			
	e Sn	01:55:34.18					HN	PNCL	e P	04:21:03.58	BZ		
24-Abr	Ho	01:59:17.5	ML 2.0			24-Abr	Ho	06:28:52.4	ML 2.1				
	Lat	37.882°N	Lon	03.232°W	Prof 11		Lat	36.575°N	Lon	11.194°W	Prof 31		
	Região: NW Almeria (ESP)						Região: Gorringe						
	AxMax	1.9	AxMin	1.6	Ang 108	ErrZ 3	AxMax	11.5	AxMin	5.6	Ang 76	ErrZ 14	
Est	Fase	P h:m:s	Dur	Co	Amp	Per	Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sn	02:00:39.23	HE	0.003	0.6		PFVI	e P	06:29:21.90	c	HZ	0.011	0.4
	e Sg	02:00:50.66						HE					
PESTR	e Pg	02:00:22.02	HZ				MORF	e P	06:29:24.52	HZ	0.007	0.2	
	e Sn	02:00:52.20						HE					
	e Sg	02:01:07.84	HN				PTEO	e S	06:29:50.21	EN	0.014	0.5	
	e Pn	02:00:11.85						HZ	PSES				e S
PVAQ	e Sg	02:01:07.04	HE				PNCL	e P	06:29:30.67	HZ	0.006	0.5	
	e Pg	02:00:23.94						HZ					e S
PMRV	e Sg	02:01:11.16	HN				MESJ	e S	06:30:01.59	HE	0.003	0.1	
	e Sg	02:01:15.77						HN	PBDV				e P
PBDV								e S	06:30:01.40	HN			
	24-Abr								PCVE				e P
Est	Fase	P h:m:s	Dur	Co	Amp	Per		e S	06:30:02.60	HN			
PESTR	e Pn	02:04:56.78	HZ				PMAFR	e P	06:29:33.54	HZ	0.020	1.0	
	e Sn	02:05:42.60						HE					
PBAR	e Sn	02:05:29.25	HE				PACT	e S	06:30:04.34	HE			
	e Sg	02:05:40.95						HN	PVAQ				e P
PVAQ	e Sn	02:05:41.13	HE				PVAQ	e S	06:29:34.97	HZ	0.003	0.1	
	e Sg	02:05:57.44						HN					e S
							PBEJ	e S	06:30:09.18	EE	0.002	0.2	
								EVO	e P				06:29:38.92
								e S	06:30:13.82	HE			
							PMTG	e S	06:30:18.76	HN	0.003	0.6	

PSBE	e S	06:30:21.73	HE			
PESTR	e S	06:30:25.10	HE	0.003	0.9	
PBAR	e P	06:29:45.88	HZ	0.002	0.3	
	e S	06:30:25.00	HE			
PCAS	e S	06:30:34.44	HN	0.003	0.8	
PMRV	e P	06:29:51.12	HZ	0.003	0.7	
	e S	06:30:35.27	HE			
PVIS	e S	06:30:53.74	HN			
MVO	e S	06:31:11.42	HN	0.003	0.6	
PGAV	e S	06:31:16.59	HN	0.002	0.5	

#### 24-Abr

<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	07:02:06.71		HE		
PVAQ	e Sg	07:02:25.27		HE		

#### 24-Abr

<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	08:59:47.89		HE	0.002	0.6
PMRV	e Sg	09:00:07.20		HE		
PMTG	e Sg	09:00:24.09		HE		

<b>24-Abr</b>	<b>Ho</b>	<b>08:53:21.9</b>	<b>Distante (NEIC)</b>	<b>MW</b>	<b>5.5</b>	
	<b>Lat</b>	<b>43.348°N</b>	<b>Lon</b>	<b>145.726°E</b>	<b>Prof</b>	<b>83</b>
	<b>Região: Hokkaido, Japan Region</b>					

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e P	09:06:22.04		BZ	0.042	1.8
PGAV	e PP	09:10:03.07		LZ		
	e SKSac	09:16:47.38		LN		
	e LR	09:38:01.59		LZ	0.139	20
MVO	e P	09:06:25.68		BZ	0.023	1.6
	e PP	09:10:05.89		LZ		
	e SKSac	09:16:44.54		LN		
	e LR	09:38:11.91		LZ	0.251	18
PVRL	e P	09:06:24.01		SZ	0.034	1.6
PVIS	e P	09:06:27.14		BZ		
MTE	e PP	09:10:13.31		LZ		
	e SKSac	09:16:54.38		LN		
	e LR	09:38:37.90		LZ	0.297	18
PMRV	e PP	09:10:20.32		LZ		
	e LR	09:39:02.16		LZ	0.185	20
PVAQ	e PP	09:10:38.06		LZ		
	e SKSac	09:17:09.75		LN		
	e LR	09:40:14.59		LZ	0.398	16

<b>24-Abr</b>	<b>Ho</b>	<b>10:58:59.2</b>	<b>ML</b>	<b>1.2</b>		
	<b>Lat</b>	<b>36.953°N</b>	<b>Lon</b>	<b>08.116°W</b>	<b>Prof</b>	<b>18</b>
	<b>Região: SW Faro</b>					
	<b>AxMax</b>	<b>7.3</b>	<b>AxMin</b>	<b>3.6</b>	<b>Ang</b>	<b>146</b>
					<b>ErrZ</b>	<b>5</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	i Pg	d 10:59:05.74		HZ	0.012	0.7
	e Sg	10:59:10.62		HN		
PVAQ	e Pg	10:59:10.09		HZ	0.005	0.3
	e Sg	10:59:16.70		HN		
PFVI	e Pg	10:59:10.10		HZ		
	e Sg	10:59:18.67		HE		
PCVE	e Pg	10:59:10.94		HZ		
	e Sg	10:59:20.32		HN		
MESJ	e P	10:59:14.79		HZ	0.004	0.6
	e S	10:59:27.75		HE		
PBEJ	e S	10:59:32.73		EE		
PNCL	e P	10:59:19.71		HZ	0.003	0.5
	e S	10:59:34.50		HE		
PBAR	e Sg	10:59:45.62		HN	0.002	0.4

<b>24-Abr</b>	<b>Ho</b>	<b>11:19:32.0</b>	<b>ML</b>	<b>1.3</b>		
	<b>Lat</b>	<b>36.846°N</b>	<b>Lon</b>	<b>07.336°W</b>	<b>Prof</b>	<b>24</b>
	<b>Região: Golfo de Cádiz</b>					
	<b>AxMax</b>	<b>6.1</b>	<b>AxMin</b>	<b>3.7</b>	<b>Ang</b>	<b>156</b>
					<b>ErrZ</b>	<b>4</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e Pg	11:19:43.75		HZ	0.006	0.2
	e Sg	11:19:52.79		HE		
PVAQ	e Pg	11:19:43.77		HZ	0.013	0.2
	e Sg	11:19:52.89		HN		
PCVE	e S	11:20:01.65		HN	0.003	1.0
MORF	e S	11:20:05.92		HN	0.004	0.6
MESJ	e S	11:20:07.40		HN		

PFVI	e P	11:19:52.47		HZ		
	e S	11:20:06.88		HE		
PBAR	e P	11:19:53.30		HZ	0.002	0.3
	e S	11:20:09.73		HE		
PNCL	e S	11:20:15.59		HN		
PESTR	e Sn	11:20:26.39		HN		
	e Sg	11:20:35.19		HE		
PMTG	e Sn	11:20:34.71		HN		
PMRV	e Sn	11:20:39.73		HN		

<b>24-Abr</b>	<b>Ho</b>	<b>12:23:34.1</b>	<b>Distante (NEIC)</b>	<b>MW</b>	<b>5.1</b>	
	<b>Lat</b>	<b>18.362°N</b>	<b>Lon</b>	<b>96.139°E</b>	<b>Prof</b>	<b>10</b>
	<b>Região: Myanmar</b>					

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	12:36:33.61		BZ	0.065	1.7
PNCL	e P	12:36:33.61		BZ		

<b>24-Abr</b>	<b>Ho</b>	<b>15:52:05.0</b>	<b>Distante (NEIC)</b>	<b>MB</b>	<b>4.9</b>	
	<b>Lat</b>	<b>36.721°N</b>	<b>Lon</b>	<b>70.696°E</b>	<b>Prof</b>	<b>261</b>
	<b>Região: Hindu Kush Region, Afghanistan</b>					

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e P	16:01:32.55		BZ		
MVO	e P	16:01:35.08		BZ	0.031	1.1
PGAV	e P	16:01:40.07		BZ	0.043	1.5
MTE	e P	16:01:40.07		BZ	0.065	1.1
PVIS	e P	16:01:41.28		BZ		
PCBR	e P	16:01:41.83		SZ	0.029	1.4
PMRV	e P	16:01:41.99		BZ	0.028	1.3
PBAR	e P	16:01:43.18		BZ	0.060	1.2
PESTR	e P	16:01:44.66		BZ	0.038	1.2
EVO	e P	16:01:47.84		BZ	0.043	1.6
PBEJ	e P	16:01:48.75		SZ	0.048	1.3
PSBE	e P	16:01:49.08		BZ	0.094	1.2
PVAQ	e P	16:01:49.24		BZ		
MESJ	e P	16:01:51.06		BZ		
PBDV	e P	16:01:51.47		BZ	0.081	2.2
PNCL	e P	16:01:51.85		BZ		
PFVI	e P	16:01:55.53		BZ		

<b>24-Abr</b>	<b>Ho</b>	<b>21:57:00.4</b>	<b>Distante (NEIC)</b>	<b>MW</b>	<b>5.5</b>	
	<b>Lat</b>	<b>23.943°S</b>	<b>Lon</b>	<b>179.800°E</b>	<b>Prof</b>	<b>531</b>
	<b>Região: South of Fiji Islands</b>					

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e PKPab	22:16:47.15		BZ		
PVRL	e PKPdf	22:15:59.63		SZ		
MVO	e PKPdf	22:15:60.00		BZ		
	e PKPab	22:16:49.44		BZ		
PSBE	e PKPdf	22:16:02.70		BZ		
PCBR	e PKPdf	22:16:00.86		SZ		
	e PKPab	22:16:53.84		SZ		
PMAFR	e PKPab	22:16:54.80		BZ		
PMRV	e PKPdf	22:16:01.00		BZ		
PMTG	e PKPdf	22:16:02.07		BZ		
	e PKPab	22:16:56.14		BZ		
EVO	e PKPdf	22:16:01.78		BZ		
PNCL	e PKPdf	22:16:02.44		BZ		
PBEJ	e PKPdf	22:16:03.32		SZ		
	e PKPab	22:17:00.57		SZ		
MESJ	e PKPdf	22:16:02.50		BZ		
PBAR	e PKPdf	22:16:03.40		BZ		
	e PKPab	22:17:00.86		BZ		
MORF	e PKPdf	22:16:03.28		BZ		
PVAQ	e PKPdf	22:16:03.90		BZ		
	e PKPab	22:17:04.17		BZ		
PBDV	e PKPdf	22:16:03.82		BZ		

<b>24-Abr</b>	<b>Ho</b>	<b>23:13:15.2</b>	<b>ML</b>	<b>1.5</b>		
	<b>Lat</b>	<b>36.317°N</b>	<b>Lon</b>	<b>07.805°W</b>	<b>Prof</b>	<b>32</b>
	<b>Região: Golfo de Cádiz</b>					
	<b>AxMax</b>	<b>3.6</b>	<b>AxMin</b>	<b>2.2</b>	<b>Ang</b>	<b>78</b>
					<b>ErrZ</b>	<b>8</b>

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	23:13:30.76		HZ	0.003	0.7
	e S	23:13:42.19		HE		
PVAQ	e P	23:13:33.07		HZ	0.005	0.2
	e S	23:13:45.82		HN		
PFVI	e P	23:13:33.67		HZ		
	e S	23:13:48.11		HN		

MORF	e P	23:13:34.68	HZ	0.003	0.5	PVAQ	e P	03:01:41.32	HZ	0.002	0.7
PCVE	e P	23:13:36.51	HZ	0.003	0.7		e S	03:02:13.71	HE		
	e S	23:13:52.04	HN			PBEJ	e S	03:02:16.93	EE		
PTEO	e P	23:13:37.77	EZ			EVO	e S	03:02:21.16	HN		
	e S	23:13:54.67	EN			PMTG	e S	03:02:28.02	HE		
PNCL	e P	23:13:43.77	HZ			PESTR	e S	03:02:32.88	HN		
	e S	23:14:05.41	HN			PBAR	e S	03:02:33.10	HE		
PBAR	e S	23:14:06.85	HN	0.002	0.8	PMRV	e P	03:01:57.51	HZ		
PMTG	e P	23:13:56.05	HZ				e S	03:02:43.67	HN		
	e S	23:14:27.29	HE								
PMRV	e P	23:14:01.06	HZ								
	e S	23:14:34.83	HN								

**25-Abr** Ho 00:06:57.0 Distante (IPMA) MW 5.3  
Lat 71.110°N Lon 05.570°W Prof 10  
Região: Jan Mayen Island Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	00:12:56.96	BZ	0.068	1.7	
	e LQ	00:19:21.81	LE			
	e LR	00:20:51.00	LZ	1.808	20	
PBRG	e P	00:13:01.04	BZ	0.031	1.8	
PVRL	e P	00:13:00.01	SZ	0.043	1.7	
MVO	e P	00:13:04.84	BZ	0.039	1.3	
	e S	00:18:01.43	LN			
	e LR	00:20:58.89	LZ	1.042	18	
PVIS	e P	00:13:08.58	BZ			
MTE	e P	00:13:11.64	BZ	0.045	1.5	
	e S	00:18:17.56	LN			
	e LR	00:21:32.16	LZ	1.550	20	
PCBR	e P	00:13:16.29	SZ	0.034	1.8	
PSBE	e P	00:13:18.15	BZ	0.097	1.4	
PMRV	e P	00:13:19.68	BZ	0.062	1.4	
	e LR	00:21:00.64	LZ	1.141	20	
PMTG	e P	00:13:23.17	BZ	0.039	1.5	
PESTR	e P	00:13:24.13	BZ	0.044	1.3	
PBAR	e P	00:13:30.83	BZ	0.033	1.3	
PBEJ	e P	00:13:31.86	SZ	0.044	1.4	
MESJ	e P	00:13:33.45	BZ	0.049	1.9	
PCVE	e P	00:13:35.14	BZ			
PVAQ	e S	00:19:03.18	LN			
	e LR	00:22:48.82	LZ	1.010	20	
PMOZ	e LR	00:25:07.33	LZ	0.397	20	

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e S	00:47:53.07	HE			
PTEO	e S	00:47:56.20	EN			
MORF	e S	00:47:57.54	HE			
PSSES	e S	00:47:58.22	HE			
PMAFR	e S	00:48:03.17	HN			
PNCL	e S	00:48:04.84	HN	0.003	0.6	
MESJ	e S	00:48:08.09	HN	0.002	0.8	
PACT	e S	00:48:08.64	BN			
PCVE	e S	00:48:09.95	HE			
PBDV	e S	00:48:11.57	HE			
PVAQ	e S	00:48:14.94	HE	0.002	0.5	
PBEJ	e S	00:48:15.57	EE			
PMTG	e S	00:48:20.51	HN			
PESTR	e S	00:48:28.02	HE			
PBAR	e S	00:48:30.84	HN			
PMRV	e S	00:48:38.07	HE			

**25-Abr** Ho 03:00:57.4 ML 1.7  
Lat 36.556°N Lon 11.152°W Prof 13\*  
Região: Gorringe Rms 0.4  
AxMax 12.0 AxMin 5.6 Ang 115 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	03:01:27.89	HZ			
	e S	03:01:51.11	HE			
PTEO	e P	03:01:31.67	EZ			
	e S	03:01:57.21	EE			
PNCL	e P	03:01:37.57	HZ	0.001	0.1	
	e S	03:02:07.08	HN			
MESJ	e S	03:02:08.25	HE			
PBDV	e P	03:01:38.52	HZ			
	e S	03:02:09.47	HN			
PCVE	e S	03:02:09.77	HE			

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	08:02:00.96	HZ	0.003	0.9	
	e S	08:02:41.42	HE			
MESJ	e P	08:02:08.12	HZ			
PNCL	e P	08:02:12.64	HZ			
PBDV	e S	08:02:43.32	HE			
PCVE	e S	08:02:50.23	HN			

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e S	08:04:24.01	HE	0.001	0.3	
PVAQ	e S	08:04:24.87	HE	0.003	1.1	
PBDV	e S	08:04:26.75	HE			
PCVE	e S	08:04:33.20	HE			

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sn	15:00:33.82	HE	0.002	0.8	
	e Sg	15:00:44.02	HE			
PVAQ	e Sn	15:00:47.60	HN	0.003	0.8	
	e Sg	15:01:02.05	HN			
PESTR	e Sn	15:00:47.71	HE			
	e Sg	15:01:01.64	HN			

**25-Abr** Ho 17:15:49.0 Distante (NEIC) MB 4.6  
Lat 45.628°N Lon 26.396°E Prof 151  
Região: Romania

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	17:20:51.47	BZ			
MVO	e P	17:20:54.22	BZ			
PVRL	e P	17:20:57.92	SZ			
PGAV	e P	17:20:59.46	BZ			
MTE	e P	17:21:00.04	BZ			
PVIS	e P	17:21:01.12	BZ			
PCBR	e P	17:21:01.43	SZ			
PMRV	e P	17:21:02.26	BZ			
PBAR	e P	17:21:04.97	BZ			
PESTR	e P	17:21:05.59	BZ			
PCAS	e P	17:21:09.40	BZ			
PMTG	e P	17:21:11.37	BZ			
EVO	e P	17:21:09.86	BZ			
PCVE	e P	17:21:12.08	BZ			

**26-Abr** Ho 03:33:58.2 ML 4.1  
Lat 37.152°N Lon 10.987°W Prof 30  
Região: Abissal do Tejo Rms 0.4  
Sentido: II/III Cascais

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PSVI	e P	03:34:23.81	HZ	1.157	0.2	
	e S	03:34:41.68	HN			
PFVI	e P	c 03:34:25.03	HZ	1.331	0.2	
	e S	03:34:43.79	HE			
PALJ	e P	03:34:25.65	HN			
	e S	03:34:44.61	HE			
PLAGO	i P	c 03:34:26.77	HZ	1.888	0.2	
	e S	03:34:46.68	HN			
PTEO	i P	d 03:34:26.77	EZ	1.415	0.6	
	e S	03:34:46.99	EN			
MORF	e P	03:34:27.05	HZ	1.286	0.3	
	e S	03:34:47.63	HN			
PSINE	e P	03:34:26.76	HZ	1.163	0.4	
	e S	03:34:47.73	H1			
PPOR	e P	03:34:28.53	HZ	1.828	0.1	
	e S	03:34:49.56	HN			
PSSES	i P	d 03:34:28.08	HZ	1.579	0.1	
	e S	03:34:50.33	HN			

PCASC	e P	03:34:28.32	HZ	0.579	0.2	PMSOL	e P	03:35:31.22	SZ	0.077	0.3
	e S	03:34:51.19	HE				e S	03:36:38.13	SN		
PVERD	e P	d 03:34:01.74	HZ	1.657	0.2	<b>26-Abr</b>					
	e S	03:34:25.03	HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
GGNV	i P	d 03:34:30.45	HZ	1.275	0.4	PVAQ	e Pn	04:02:23.63	HZ	0.003	0.7
	e S	03:34:54.67	HE				e Sn	04:02:46.67	HE		
PNCL	e P	d 03:34:31.07	HZ	0.578	0.5		e Sg	04:02:53.17	HN		
	e S	03:34:55.29	HN			PBDV	e Pn	04:02:25.82	HZ		
PSETU	e P	03:36:19.84	HZ	3.089	0.2		e Sg	04:02:55.76	HN		
	e S	03:36:44.39	HE			PCVE	e Pn	04:02:28.10	HZ	0.002	0.7
INMG	e P	03:34:31.53	HZ	0.937	0.3		e Sn	04:02:55.59	HN		
	e S	03:34:56.68	HN				e Sg	04:03:03.56	HN		
PALBU	e P	03:34:31.82	HZ	1.060	0.2	MESJ	e Pn	04:02:31.07	HZ		
	e S	03:34:55.26	HN				e Sn	04:03:01.81	HE		
PMAFR	i P	d 03:34:31.86	HZ	1.482	0.2	PNCL	e Pn	04:02:36.51	HZ		
	e S	03:34:57.14	HE				e Sn	04:03:10.16	HE		
MESJ	e P	d 03:34:32.91	HZ	0.648	0.5	PBAR	e Sg	04:02:52.51	HE	0.003	0.7
	e S	03:34:57.65	HN			PESTR	e Sg	04:03:18.42	HE		
PACT	e P	03:34:33.76	BZ	0.625	0.2	<b>26-Abr</b>					
	e S	03:35:00.38	BN			<b>Ho</b>	<b>04:08:05.5</b>			<b>ML 1.3</b>	
PCVE	e P	d 03:34:34.28	HZ	0.452	0.4		<b>Lat 36.426°N</b>	<b>Lon 08.417°W</b>		<b>Prof 14</b>	
	e S	03:35:00.00	HE				<b>Região: SW Albufeira</b>			<b>Rms 0.2</b>	
PVFX	e P	03:34:34.31	HZ	3.193	0.4		<b>AxMax 5.9</b>	<b>AxMin 5.1</b>	<b>Ang 38</b>	<b>ErrZ 4</b>	
	e S	03:35:01.88	H2			<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	03:34:35.26	HZ	0.438	0.2	PFVI	e P	04:08:19.21	HZ	0.010	0.4
	e S	03:35:01.42	HE				e S	04:08:30.50	HE		
PFARO	e P	03:34:35.75	HZ	1.825	0.3	MORF	e P	04:08:21.72	HZ	0.005	0.2
	e S	03:35:02.54	HN				e S	04:08:33.80	HN		
PBEN	e S	03:35:03.60	HN			PBDV	e P	04:08:21.90	HZ		
PVAQ	e P	d 03:34:37.66	HZ	0.852	0.2		e S	04:08:34.07	HN		
	e S	03:35:05.49	HE			PVAQ	e P	04:08:25.51	HZ	0.004	0.7
PBEJ	e P	d 03:34:37.14	EZ	0.392	0.2		e S	04:08:40.24	HE		
	e S	03:35:05.68	EE				e -	04:08:41.76	HN		
PCDRA	e P	03:35:28.19	HZ	2.253	0.3	PTEO	e P	04:08:25.89	EZ		
	e S	03:35:58.80	HE				e S	04:08:40.81	EN		
EVO	e P	d 03:34:38.49	HZ	0.705	0.1	PCVE	e S	04:08:43.20	HE	0.004	0.6
	e S	03:35:08.19	HE			MESJ	e S	04:08:46.90	HN	0.003	0.5
PSANT	e P	c 03:34:38.93	HZ	1.344	0.6	PNCL	e Sg	04:08:56.49	HE		
	e S	03:35:09.77	HN			<b>26-Abr</b>					
PMTG	i P	d 03:34:40.54	HZ	0.224	0.2	<b>Ho</b>	<b>04:08:56.7</b>			<b>ML-0.2</b>	
	e S	03:35:12.34	HN				<b>Lat 37.360°N</b>	<b>Lon 08.651°W</b>		<b>Prof 12</b>	
PESTR	e P	d 03:34:44.33	HZ	0.189	0.6		<b>Região: NW Monchique</b>			<b>Rms 0.2</b>	
	e S	03:35:18.51	HE				<b>AxMax 3.1</b>	<b>AxMin 2.3</b>	<b>Ang 101</b>	<b>ErrZ 4</b>	
PBAR	e P	d 03:34:46.17	HZ	0.260	0.4	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	e S	03:35:21.36	HE			MORF	e Pg	c 04:08:58.73	HZ	0.005	0.1
PCAS	e P	d 03:34:48.49	HZ	0.215	0.3		e Sg	04:09:00.70	HE		
	e S	03:35:26.61	HN			PTEO	e Pg	d 04:09:00.54	EZ		
PMRV	i P	d 03:34:50.54	HZ	0.289	0.6		e Sg	04:09:03.84	EN		
	e S	03:35:29.69	HN			PFVI	e Sg	04:09:05.92	HN		
COI	e P	d 03:34:51.06	HZ	0.654	0.4	PVAQ	e S	04:09:20.45	HN		
	e S	03:35:31.03	HE			PNCL	e S	04:09:21.07	HE		
PCBR	e P	d 03:34:53.50	EZ	0.173	0.4	<b>26-Abr</b>					
	e S	03:35:34.75	EE			<b>Ho</b>	<b>11:13:19.9</b>			<b>ML 4.1</b>	
MTE	e P	03:34:58.66	HZ	0.175	0.4		<b>Lat 36.410°N</b>	<b>Lon 05.261°W</b>		<b>Prof 15</b>	
	e S	03:35:43.75	HN				<b>Região: NE Gibraltar</b>			<b>Rms 0.4</b>	
PVIS	e P	03:34:59.67	HZ	0.522	0.1		<b>AxMax 3.1</b>	<b>AxMin 2.0</b>	<b>Ang 161</b>	<b>ErrZ 3</b>	
	e S	03:35:45.85	HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PTO	e P	d 03:35:00.67	SZ	0.478	0.3	PVAQ	e Pn	11:13:54.66	HZ	0.559	0.4
	e S	03:35:47.88	SN				e Pg	11:14:00.64	HZ		
PVRL	e P	03:35:06.97	SZ	0.437	0.1		e Sn	11:14:21.82	HE		
	e S	03:35:58.44	SN				e Sg	11:14:28.10	HE		
MVO	e P	03:35:09.66	HZ	0.243	0.2	PBAR	e Pn	11:13:54.95	HZ	0.755	0.6
	e S	03:36:03.71	HE				e Pg	11:14:01.27	HZ		
PGAV	e P	03:35:12.62	HZ	0.145	0.4		e Sn	11:14:22.68	HN		
	e S	03:36:08.02	HN				e Sg	11:14:29.33	HE		
PBRG	e P	03:35:18.35	HZ	0.132	0.4	PBDV	e Pn	11:13:56.38	HZ	0.565	0.6
	e S	03:36:18.24	HN				e Sn	11:14:23.09	HE		
PMPST	e P	d 03:35:21.04	HZ	0.101	0.2	PCVE	e Pn	11:13:59.28	HZ	0.400	0.5
	e S	03:36:21.29	HN				e Sn	11:14:28.38	HN		
PMPS	e P	03:35:19.95	SZ	0.095	0.2		e Sg	11:14:42.67	HN		
	e S	03:36:20.62	SN			PBEJ	e Pn	11:14:00.63	EZ	0.460	0.6
PMAR	e P	d 03:35:29.70	HZ	0.118	0.2		e Pg	11:14:08.41	EZ		
	e S	03:36:38.24	H2				e Sn	11:14:32.05	EN		
FUL	e P	03:35:30.02	EZ	0.096	0.2		e Sg	11:14:43.94	EE		
	e S	03:36:36.36	EE								
PMOZ	e P	03:35:30.62	HZ	0.167	0.5						
	e S	03:36:40.78	HE								



MESJ	e Pn	11:14:02.51	HZ	0.510	0.5	26-Abr	Ho	11:40:57.4	ML	3.4
	e Pg	11:14:09.45	HZ				Lat	37.864°N	Lon	03.196°W
	e Sn	11:14:35.18	HN						Prof	13
	e Sg	11:14:48.22	HN				Região:	NW Almeria (ESP)	Rms	0.4
							AxMax	2.1	AxMin	1.7
									Ang	105
MORF	e Pn	11:14:03.92	HZ	0.201	0.7	Est	Fase	P h:m:s	Dur	Co
	e Pg	11:14:11.97	HZ			PBAR	e Pn	11:41:43.94	HZ	0.109
	e Sg	11:14:53.96	HN				e Sn	11:42:19.53	HE	0.3
PFVI	e Pn	11:14:05.72	HZ	0.307	0.6		e Sg	11:42:31.27	HE	
	e Pg	11:14:09.14	HZ			PESTR	e Pn	11:41:51.91	HZ	0.090
	e Sn	11:14:39.17	HE				e Sn	11:42:32.61	HE	0.4
	e Sg	11:14:53.74	HE				e Sg	11:42:47.80	HN	
PTEO	e Pn	11:14:06.13	EZ	0.614	0.7	PVAQ	e Pn	11:41:51.40	HZ	0.080
	e Pg	11:14:14.31	EZ				e Sn	11:42:32.28	HN	0.4
	e Sn	11:14:40.49	EN				e Sg	11:42:48.75	HN	
	e Sg	11:14:54.20	EE			PMRV	e Pn	11:41:53.06	HZ	0.131
EVO	e Pn	11:14:06.15	HZ	0.783	0.5		e Sn	11:42:34.49	HE	0.6
	e Sn	11:14:42.40	HE				e Sg	11:42:49.54	HN	
	e Sg	11:14:54.47	HN			PBEJ	e Pn	11:41:54.11	EZ	0.045
PESTR	e Pn	11:14:06.90	HZ	0.775	0.7		e Sn	11:42:35.64	EE	0.5
	e Pg	11:14:14.93	HZ				e Sg	11:42:51.62	EN	
	e Sg	11:14:54.62	HE			PBDV	e Pn	11:41:54.40	HZ	0.046
PNCL	e Pn	11:14:07.08	HZ	0.303	0.7		e Sn	11:42:38.57	HN	0.6
	e Pg	11:14:16.00	HZ				e Sg	11:42:55.00	HN	
	e Sn	11:14:43.53	HE			EVO	e Sn	11:42:38.74	HE	0.076
PMRV	e Pn	11:14:12.13	HZ	0.525	0.5		e Sg	11:42:55.18	HN	0.5
	e Sn	11:14:52.36	HE			PCVE	e Pn	11:41:55.17	HZ	0.068
	e Sg	11:15:05.14	HE				e Sn	11:42:38.34	HN	0.4
PMTG	e Pn	11:14:12.80	HZ	0.492	0.4		e Sg	11:42:56.05	HZ	
	e Sn	11:14:53.57	HN			PCBR	e Pn	11:41:55.53	EZ	
	e Sg	11:15:05.60	HN				e Sn	11:42:39.99	EE	
PSES	e Pn	11:14:15.13	HZ	0.709	0.6		e Sg	11:42:55.78	EE	
	e Pg	11:14:26.06	HZ			MESJ	e Pn	11:41:57.34	HZ	0.053
	e Sn	11:14:57.90	HN				e Sn	11:42:41.63	HE	1.0
	e Sg	11:15:20.83	HN				e Sg	11:42:59.11	HN	
PACT	e Pn	11:14:15.44	BZ	0.439	0.6	PMTG	e Pn	11:41:58.11	HZ	0.090
	e Pg	11:14:26.30	BZ				e Sn	11:42:45.15	HE	0.4
	e Sn	11:14:58.87	BN				e Sg	11:43:04.76	HN	
	e Sg	11:15:17.05	BE			MTE	e Sn	11:42:48.60	HN	0.079
GGNV	e Pn	11:14:17.94	HZ	0.375	0.8		e Sg	11:43:07.72	HN	0.4
	e Sg	11:15:22.19	HN			PNCL	e Pn	11:42:01.28	HZ	0.036
PCBR	e Pn	11:14:17.65	EZ	0.428	0.7		e Sn	11:42:48.05	HE	0.6
	e Sn	11:15:01.18	EN				e Sg	11:43:07.04	HN	
	e Sg	11:15:17.50	EE			MORF	e P	11:42:01.51	HZ	
PMAFR	e Pn	11:14:20.38	HZ	0.480	0.7		e Sn	11:42:51.78	HN	
	e Pg	11:14:36.12	HZ				e Sg	11:43:12.87	HE	
	e Sn	11:15:06.85	HE			PTEO	e Sn	11:42:52.39	EN	0.060
PSBE	e Pn	11:14:22.10	HZ	0.451	0.6		e Sg	11:43:13.16	EE	0.7
	e Sn	11:15:09.36	HE			MVO	e Pn	11:42:03.75	HZ	0.041
	e Sg	11:15:31.70	HN				e Sg	11:43:16.42	HE	0.4
MTE	e Pn	11:14:24.96	HZ	0.536	0.5	PACT	e Sn	11:42:55.55	BE	
	e Sn	11:15:14.49	HN				e Sg	11:43:19.48	BE	
	e Sg	11:15:35.34	HE			PFVI	e Pn	11:42:04.41	HZ	0.030
PCAS	e Pn	11:14:25.62	HZ	0.166	0.5		e Sn	11:42:55.14	HN	0.7
	e Pg	11:14:33.45	HZ				e Sg	11:43:19.76	HE	
	e Sn	11:15:15.16	HN			PVIS	e Pn	11:42:06.16	HZ	
	e Sg	11:15:37.88	HN				e Sn	11:42:58.17	HE	
COI	e Pn	11:14:27.30	HZ	0.628	0.5		e Sg	11:43:20.57	HE	
	e Pg	11:14:35.66	HZ			PCAS	e Pn	11:42:06.66	HZ	0.087
	e Sn	11:15:17.66	HN				e Sn	11:42:58.69	HE	0.7
	e Sg	11:15:38.71	HN				e Sg	11:43:22.95	HN	
PVIS	e Pn	11:14:30.27	HZ	0.226	0.7	PSBE	e Pn	11:42:07.28	HZ	0.066
	e Pg	11:14:38.86	HZ				e Sn	11:42:59.33	HN	0.6
	e Sn	11:15:24.03	HE				e Sg	11:43:23.60	HN	
	e Sg	11:15:48.35	HE			COI	e Sn	11:42:59.56	HN	0.117
MVO	e Pn	11:14:32.83	HZ	0.288	0.7		e Sg	11:43:23.23	HN	0.6
	e Sn	11:15:26.94	HE			PBRG	e Pn	11:42:08.63	HZ	0.017
PVRL	e Pn	11:14:36.57	SZ	0.207	0.6		e Sg	11:43:28.09	HE	0.4
	e Sn	11:15:33.28	SE			PVRL	e Sn	11:43:03.55	SE	
PTO	e Pn	11:14:37.91	SZ	0.203	0.7	PMAFR	e Sn	11:43:04.25	HN	
	e Sn	11:15:38.55	SE				e Sg	11:43:31.88	HE	
	e Sg	11:16:04.44	SE			PGAV	e Pn	11:42:20.01	HZ	0.017
PBRG	e Pn	11:14:40.70	HZ	0.165	0.6		e Sn	11:43:22.29	HN	0.7
	e Sn	11:15:41.30	HE				e Sg	11:43:53.44	HE	
	e Sg	11:16:06.94	HE							
PGAV	e Pn	11:14:47.56	HZ	0.189	0.7					
	e Sn	11:15:52.76	HN							
	e Sg	11:16:30.11	HE							

<b>26-Abr</b>	<b>Ho</b>	<b>13:36:54.1</b>			<b>ML 2.2</b>
	<b>Lat</b>	<b>37.938°N</b>	<b>Lon</b>	<b>03.134°W</b>	<b>Prof 13</b>
	<b>Região: NW Almeria (ESP)</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>5.5</b>	<b>AxMin</b>	<b>1.8</b>	<b>Ang 57 ErrZ 3</b>
<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	13:37:41.43		HZ	0.005 0.4
	e Sn	13:38:16.90		HE	
	e Sg	13:38:29.51		HN	
PESTR	e Sn	13:38:30.14		HN	0.005 0.5
	e Sg	13:38:45.44		HE	
PVAQ	e Pn	13:37:49.69		HZ	0.004 0.9
	e Sn	13:38:31.38		HN	
	e Sg	13:38:47.15		HE	
PMTG	e Sn	13:38:42.42		HN	0.006 0.6

<b>26-Abr</b>	<b>Ho</b>	<b>21:10:12.8</b>			<b>ML 0.8</b>
	<b>Lat</b>	<b>37.306°N</b>	<b>Lon</b>	<b>08.548°W</b>	<b>Prof 13</b>
	<b>Região: SE Monchique</b>				<b>Rms 0.2</b>
	<b>AxMax</b>	<b>2.5</b>	<b>AxMin</b>	<b>2.2</b>	<b>Ang 140 ErrZ 7</b>
<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	d 21:10:15.26		HZ	0.012 0.2
	e Sg	21:10:17.58		HN	
PTEO	e Pg	21:10:18.36		EZ	
	e Sg	21:10:22.50		EE	
PFVI	e Pg	c 21:10:18.20		HZ	0.006 0.2
	e Sg	21:10:22.30		HN	
PBDV	e Pg	21:10:22.08		HZ	0.003 0.3
	e Sg	21:10:29.31		HN	
PCVE	e Pg	21:10:22.59		HZ	0.001 0.3
	e Sg	21:10:29.22		HN	
MESJ	e Pg	c 21:10:24.06		HZ	0.003 0.6
	e Sg	21:10:31.68		HN	
PVAQ	e Pg	21:10:24.83		HZ	0.003 0.9
	e Sg	21:10:33.81		HE	
PNCL	e Pg	21:10:27.58		HZ	0.002 0.3
	e Sg	21:10:37.89		HN	
PBAR	e Sg	21:10:58.74		HN	

<b>26-Abr</b>	<b>Ho</b>	<b>22:14:07.5</b>			<b>ML 1.2</b>
	<b>Lat</b>	<b>40.150°N</b>	<b>Lon</b>	<b>08.058°W</b>	<b>Prof 9</b>
	<b>Região: E Góis</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>2.4</b>	<b>AxMin</b>	<b>1.7</b>	<b>Ang 107 ErrZ 4</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
COI	e P	22:14:12.96		HZ	0.036 0.2
	e Sg	22:14:16.92		HE	
PCAS	i Pg	c 22:14:13.76		HZ	0.010 0.2
	e Sg	22:14:18.75		HN	
MTE	e Pg	22:14:16.40		HZ	0.003 0.3
	e Sg	22:14:22.83		HN	
PCBR	e Pg	22:14:17.92		EZ	0.003 0.4
	e Sg	22:14:25.10		EE	
PVIS	e Pg	22:14:18.08		HZ	0.024 0.1
	e Sg	22:14:26.00		HE	
PSBE	e Pg	22:14:23.12		HZ	
	e Sg	22:14:35.22		HE	
PMRV	e Pg	22:14:23.16		HZ	0.003 0.3
	e Sg	22:14:35.59		HE	
PMTG	e P	22:14:27.30		HZ	0.005 0.3
	e S	22:14:41.30		HE	
PVRL	e S	22:14:43.34		SN	0.002 0.1
MVO	e P	22:14:30.43		HZ	0.003 0.3
	e S	22:14:47.32		HE	

<b>27-Abr</b>	<b>Ho</b>	<b>02:01:05.2</b>	<b>Distante (NEIC)</b>	<b>MW 4.8</b>
	<b>Lat</b>	<b>24.319°S</b>	<b>Lon</b>	<b>66.966°W</b>
	<b>Região: Salta Province, Argentina</b>			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PCVE	e P	02:13:11.44		HZ
PMTG	e P	02:13:14.87		HZ
PCAS	e P	02:13:17.63		HZ
PCBR	e P	02:13:19.80		EZ
MTE	e P	02:13:21.58		HZ
MVO	e P	02:13:25.34		HZ

<b>27-Abr</b>	<b>Ho</b>	<b>15:33:53.8</b>			<b>ML 1.0</b>
	<b>Lat</b>	<b>38.781°N</b>	<b>Lon</b>	<b>07.964°W</b>	<b>Prof 6</b>
	<b>Região: NE Arraiolos</b>				<b>Rms 0.4</b>
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>1.8</b>	<b>Ang 97 ErrZ 6</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
EVO	e Pg	15:33:58.56		HZ	0.053 0.1
	e Sg	15:34:02.20		HN	
PESTR	e Pg	15:33:59.76		HZ	
	e Sg	15:34:03.93		HN	
PMTG	e Pg	15:33:59.94		HZ	0.002 0.1
	e Sg	15:34:05.38		HN	
PBEJ	e S	15:34:17.63		EN	
PMRV	e P	15:34:08.21		HZ	0.005 0.5
	e S	15:34:18.46		HE	
PNCL	e P	15:34:08.90		HZ	
	e S	15:34:19.07		HN	
PBAR	e P	15:34:10.90		HZ	0.002 0.2
	e S	15:34:23.79		HE	
MESJ	e P	15:34:11.86		HZ	
	e S	15:34:23.69		HE	
PCVE	e P	15:34:14.86		HZ	
	e S	15:34:29.33		HE	
PTEO	e S	15:34:36.54		EN	
PVAQ	e S	15:34:36.91		HN	

<b>27-Abr</b>	<b>Ho</b>	<b>20:03:00.3</b>			<b>ML 1.2</b>
	<b>Lat</b>	<b>38.494°N</b>	<b>Lon</b>	<b>08.007°W</b>	<b>Prof 15</b>
	<b>Região: SW Evora</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>2.7</b>	<b>AxMin</b>	<b>2.1</b>	<b>Ang 86 ErrZ 3</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
EVO	i Pg	c 20:03:03.02		HZ	0.140 0.1
	e Sg	20:03:05.11		HN	
PBEJ	e Pg	20:03:09.02		EZ	0.005 0.2
	e Sg	20:03:15.41		EN	
PESTR	e Pg	20:03:09.46		HZ	0.005 0.4
	e Sg	20:03:16.29		HE	
PNCL	e Pg	20:03:10.69		HZ	0.003 0.4
	e Sg	20:03:17.99		HE	
PMTG	e Pg	20:03:11.11		HZ	0.008 0.2
	e Sg	20:03:19.25		HE	
MESJ	e Pg	20:03:12.98		HZ	0.002 0.2
	e Sg	20:03:21.95		HE	
PACT	e Pg	20:03:12.49		BZ	0.019 0.6
	e Sg	20:03:23.48		BE	
PBAR	e P	20:03:15.33		HZ	0.004 0.4
	e S	20:03:26.15		HN	
PCVE	e P	20:03:16.34		HZ	0.003 0.3
	e S	20:03:27.40		HN	
PSES	e S	20:03:28.44		HE	
PMRV	e S	20:03:33.24		HN	
PMAFR	e S	20:03:34.91		HE	
PTEO	e P	20:03:19.60		EZ	0.006 0.8
	e S	20:03:34.40		EE	
PVAQ	e P	20:03:20.57		HZ	0.003 0.5
	e S	20:03:34.54		HN	
PSBE	e S	20:03:37.59		HE	
PBDV	e S	20:03:38.69		HE	

<b>27-Abr</b>	<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp Per</b>
	EVO	i Pg	d 20:04:46.04		HZ	0.010 0.2
		e Sg	20:04:48.15		HE	

<b>27-Abr</b>	<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp Per</b>
	EVO	e Pg	20:06:47.03		HZ	0.014 0.1
		e Sg	20:06:47.33		HE	

<b>28-Abr</b>	<b>Ho</b>	<b>01:22:58.4</b>			<b>ML 1.0</b>
	<b>Lat</b>	<b>36.919°N</b>	<b>Lon</b>	<b>08.557°W</b>	<b>Prof 12</b>
	<b>Região:</b>	<b>SE Lagos</b>			<b>Rms 0.3</b>
	<b>AxMax</b>	<b>5.5</b>	<b>AxMin</b>	<b>3.3</b>	<b>Ang 6</b>
					<b>ErrZ 6</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e Pg	c 01:23:04.13		HZ	0.018 0.1
	e Sg	01:23:08.72		HE	
MORF	e Pg	01:23:05.74		HZ	0.008 0.8
	e Sg	01:23:11.74		HE	
PBDV	e Sg	01:23:18.06		HN	0.004 0.8
PTEO	e Pg	01:23:09.86		EZ	
	e Sg	01:23:18.43		EN	
PCVE	e S	01:23:24.33		HE	0.003 0.4
PVAQ	e P	01:23:13.37		HZ	0.002 0.3
	e S	01:23:23.93		HN	
MESJ	e P	01:23:15.61		HZ	
	e S	01:23:28.36		HE	
PNCL	e P	01:23:19.20		HZ	0.001 0.9
	e S	01:23:35.13		HE	
PBAR	e Sg	01:23:53.66		HN	
PMTG	e Sg	01:24:06.20		HE	

<b>28-Abr</b>	<b>Ho</b>	<b>01:48:19.3</b>	<b>Distante (NEIC)</b>	<b>MB 5.1</b>		
	<b>Lat</b>	<b>04.583°S</b>	<b>Lon 153.310°E</b>	<b>Prof 61</b>		
	<b>Região: New Ireland Region, P.N.G.</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MVO	e PKPdf	02:07:40.51		BZ		
MTE	e PKPdf	02:07:45.27		BZ		
PCBR	e PKPdf	02:07:46.22		SZ		
PCAS	e PKPdf	02:07:42.38		BZ		
PMRV	e PKPdf	02:07:47.08		BZ		
PMAFR	e PKPdf	02:07:49.63		BZ		
PBEJ	e PKPdf	02:07:46.29		SZ		
PVAQ	e PKPdf	02:07:43.47		BZ		
PMAR	e PKPbc	02:08:05.55		BZ		

<b>28-Abr</b>	<b>Ho</b>	<b>03:39:22.5</b>			<b>ML 1.5</b>
	<b>Lat</b>	<b>38.782°N</b>	<b>Lon</b>	<b>07.958°W</b>	<b>Prof 1</b>
	<b>Região:</b>	<b>NE Arraiolos</b>			<b>Rms 0.4</b>
	<b>AxMax</b>	<b>2.4</b>	<b>AxMin</b>	<b>1.5</b>	<b>Ang 90</b>
					<b>ErrZ 4</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
EVO	i Pg	c 03:39:27.18		HZ	0.176 0.1
	e Sg	03:39:30.81		HN	
PESTR	e Pg	c 03:39:28.02		HZ	0.007 0.6
	e Sg	03:39:32.57		HN	
PMTG	i Pg	d 03:39:28.56		HZ	0.010 0.1
	e Sg	03:39:34.01		HN	
PACT	e Pg	03:39:35.40		BZ	0.015 0.1
	e Sg	03:39:45.10		BN	
PBEJ	e P	03:39:35.93		EZ	0.012 0.3
	e S	03:39:45.94		EN	
PMRV	e P	03:39:36.79		HZ	0.010 0.1
	e S	03:39:47.10		HE	
PNCL	e P	03:39:36.81		HZ	0.006 0.4
	e S	03:39:47.96		HE	
PBAR	e P	03:39:39.17		HZ	0.007 0.2
	e S	03:39:52.92		HE	
MESJ	e P	03:39:40.48		HZ	0.005 0.2
	e S	03:39:53.17		HE	
PSSE	e S	03:39:53.32		HN	
PSBE	e P	03:39:40.50		HZ	0.007 0.4
	e S	03:39:53.59		HN	
PMAFR	e P	03:39:41.53		HZ	0.015 0.5
	e S	03:39:55.58		HE	
PCBR	e P	03:39:42.86		EZ	0.012 0.4
	e S	03:39:57.57		EN	
PCVE	e P	c 03:39:43.45		HZ	0.004 0.3
	e S	03:39:57.74		HE	
PCAS	e P	03:39:47.03		HZ	0.005 0.4
	e S	03:40:04.44		HE	
PTEO	e P	03:39:47.48		EZ	0.009 0.4
	e S	03:40:05.16		EE	
PVAQ	e P	03:39:47.51		HZ	0.006 0.1
	e S	03:40:06.04		HN	
COI	e Sn	03:40:08.02		HE	
PBDV	e Pn	03:39:50.11		HZ	0.006 0.4
	e Sn	03:40:10.09		HE	

MORF	e Pn	03:39:51.14		HZ	0.005 0.3
	e Sn	03:40:10.98		HE	
MTE	e Pn	03:39:51.75		HZ	
	e Sn	03:40:13.28		HE	
PVIS	e Pg	03:39:58.67		HZ	0.003 0.3
	e Sn	03:40:21.71		HE	
PVRL	e Sg	03:40:42.35		SN	
PBRG	e Pn	03:40:11.40		HZ	
PGAV	e Sg	03:41:04.68		HE	

<b>28-Abr</b>	<b>Ho</b>	<b>04:19:58.1</b>			<b>ML 1.3</b>
	<b>Lat</b>	<b>36.594°N</b>	<b>Lon</b>	<b>07.504°W</b>	<b>Prof 12</b>
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms 0.2</b>
	<b>AxMax</b>	<b>4.7</b>	<b>AxMin</b>	<b>3.0</b>	<b>Ang 43</b>
					<b>ErrZ 3</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	d 04:20:11.26		HZ	
	e S	04:20:21.57		HE	
PVAQ	e P	c 04:20:12.77		HZ	0.005 0.4
	e S	04:20:23.97		HE	
PCVE	e P	04:20:16.97		HZ	0.003 0.4
	e S	04:20:31.87		HN	
PFVI	e S	04:20:35.89		HE	
MESJ	e P	04:20:21.60		HZ	
	e S	04:20:39.10		HE	
PBAR	e Sg	04:20:48.61		HE	
PNCL	e Sn	04:20:47.23		HE	
EVO	e Sn	04:20:53.47		HN	0.002 0.7
PESTR	e Sn	04:21:00.14		HE	
PMTG	e Sn	04:21:06.66		HN	0.002 0.9
PMRV	e Sn	04:21:13.90		HE	0.001 0.3

<b>28-Abr</b>	<b>Ho</b>	<b>09:56:19.3</b>			<b>ML 1.4</b>
	<b>Lat</b>	<b>36.684°N</b>	<b>Lon</b>	<b>07.526°W</b>	<b>Prof 26</b>
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms 0.2</b>
	<b>AxMax</b>	<b>4.2</b>	<b>AxMin</b>	<b>4.0</b>	<b>Ang 90</b>
					<b>ErrZ 5</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	09:56:31.07		HZ	0.006 0.7
	e S	09:56:40.52		HE	
PVAQ	e P	09:56:33.17		HZ	0.014 0.5
	e S	09:56:42.70		HE	
PCVE	e S	09:56:49.35		HN	
MORF	e S	09:56:51.34		HN	0.003 0.4
PFVI	e S	09:56:52.20		HN	
MESJ	e S	09:56:55.88		HN	0.003 0.3
PTEO	e S	09:56:55.91		EN	
PBEJ	e S	09:56:57.91		EE	0.003 0.3
PBAR	e S	09:57:02.09		HE	0.002 0.6
PNCL	e P	09:56:46.15		HZ	0.002 0.7
	e S	09:57:04.08		HE	
PESTR	e S	09:57:16.83		HN	
PMTG	e S	09:57:25.13		HN	

<b>28-Abr</b>	<b>Ho</b>	<b>11:22:36.5</b>			<b>ML 2.8</b>
	<b>Lat</b>	<b>37.870°N</b>	<b>Lon</b>	<b>03.233°W</b>	<b>Prof 15</b>
	<b>Região:</b>	<b>NW Almeria (ESP)</b>			<b>Rms 0.7</b>
	<b>AxMax</b>	<b>2.0</b>	<b>AxMin</b>	<b>1.9</b>	<b>Ang 105</b>
					<b>ErrZ 3</b>
<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	11:23:22.44		HZ	0.027 0.2
	e Sn	11:23:57.72		HE	
	e Sg	11:24:10.21		HE	
PESTR	e Pn	11:23:29.45		HZ	0.022 0.4
	e Pg	11:23:37.79		HZ	
	e Sn	11:24:11.13		HE	
	e Sg	11:24:28.41		HE	
PVAQ	e Pn	11:23:29.80		HZ	0.017 0.5
	e Sn	11:24:09.87		HE	
	e Sg	11:24:27.09		HN	
PMRV	e Pn	11:23:31.47		HZ	0.028 0.6
	e Pg	11:23:41.97		HZ	
	e Sg	11:24:30.62		HE	
PBEJ	e Sg	11:24:30.35		EN	0.012 0.5
PBDV	e Sg	11:24:33.51		HE	0.014 0.6
PCVE	e Pn	11:23:33.45		HZ	0.013 0.4
	e Sn	11:24:14.97		HN	
	e Sg	11:24:33.82		HN	
EVO	e Sg	11:24:35.98		HN	0.012 0.3

PCBR	e Pn	11:23:34.87	EZ	0.012	0.7	PVAQ	e Pn	15:30:43.37	HZ	0.012	0.3	
	e Sn	11:24:18.56	EE				e Sn	15:31:24.03	HE			
	e Sg	11:24:36.24	EE				e Sg	15:31:41.23	HE			
MESJ	e Pn	11:23:35.34	HZ	0.014	0.6	PMRV	e Pn	15:30:44.55	HZ	0.019	0.4	
	e Sn	11:24:19.18	HE				e Sn	15:31:25.84	HN			
	e Sg	11:24:38.43	HN				e Sg	15:31:43.57	HE			
PMTG	e Pn	11:23:36.32	HZ	0.019	0.5	PBDV	e Sg	15:31:47.90	HE	0.009	0.5	
	e Sn	11:24:23.47	HE			PCVE	e Pn	15:30:47.00	HZ	0.008	0.6	
	e Sg	11:24:44.51	HE				e Sn	15:31:30.09	HE			
MTE	e Sg	11:24:49.56	HE	0.020	0.2	EVO	e Sg	15:31:47.94	HN	0.013	0.4	
PNCL	e Sg	11:24:46.68	HN	0.009	0.9	PCBR	e Pn	15:30:47.85	EZ	0.010	0.7	
MORF	e Sn	11:24:29.75	HN	0.007	0.2		e Sn	15:31:32.16	EN			
	e Sg	11:24:51.12	HN				e Sg	15:31:51.37	EE			
PTEO	e Sg	11:24:51.85	EE	0.015	0.7	MESJ	e Sn	15:31:33.12	HN	0.010	0.5	
MVO	e Pn	11:23:42.80	HZ	0.012	0.6		e Sg	15:31:52.74	HN			
	e Sg	11:24:55.42	HE			PMTG	e Sn	15:31:36.98	HN	0.013	0.6	
PACT	e Sn	11:24:34.33	BN	0.031	0.7		e Sg	15:31:58.30	HN			
	e Sg	11:24:57.22	BE			PNCL	e Sg	15:32:00.27	HN	0.006	0.5	
PFVI	e Sn	11:24:32.97	HN	0.008	0.5	MTE	e Sg	15:31:59.97	HN	0.012	0.5	
PVIS	e Pn	11:23:44.63	HZ	0.008	0.3	MORF	e Sn	15:31:43.83	HE	0.004	0.5	
	e Sg	11:25:01.15	HE				e Sg	15:32:04.77	HN			
PCAS	e Sn	11:24:37.36	HE	0.015	0.7	PTEO	e Sn	15:31:44.18	EE	0.012	0.6	
	e Sg	11:25:01.29	HN			MVO	e Pn	15:30:56.22	HZ	0.006	0.7	
PSBE	e Sn	11:24:37.64	HN	0.015	0.4	PFVI	e Sn	15:31:47.17	HN	0.010	0.5	
	e Sg	11:25:02.13	HN			PVIS	e Sn	15:31:50.25	HE	0.006	0.8	
PBRG	e Sg	11:25:06.55	HE	0.005	0.5	PCAS	e Sn	15:31:50.76	HN	0.011	0.7	
PGAV	e Pn	11:23:59.57	HZ	0.005	0.7		e Sg	15:32:16.36	HE			
						PBRG	e Sg	15:32:19.73	HN	0.004	0.3	
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28-Abr	Ho	11:33:51.4		ML 2.2		29-Abr	Est	Fase	P h:m:s	Dur	Co Amp Per	
	Lat	37.874°N	Lon	03.233°W	Prof 15		PBAR	e Sn	07:49:36.13		HE 0.003 0.4	
	Região:	NW Almeria (ESP)		Rms 0.7				e Sg	07:49:48.41		HE	
	AxMax	2.9	AxMin	2.2	Ang 65	ErrZ 4	PESTR	e Sn	07:49:49.39		HE 0.003 0.3	
Est	Fase	P h:m:s	Dur	Co	Amp	Per		e Sg	07:50:07.26		HE	
PBAR	e Pg	11:34:44.63		HZ	0.004	0.2	PVAQ	e Sg	07:50:06.20		HN	
	e Sn	11:35:13.12		HN			PMRV	e Sg	07:50:08.25		HN 0.003 0.5	
PESTR	e Sn	11:35:26.16		HE	0.005	0.3	PMTG	e Sg	07:50:22.56		HN 0.003 0.6	
	e Sg	11:35:41.51		HE			<hr/>					
PVAQ	e Pn	11:34:45.50		HZ	0.003	0.3	29-Abr	Est	Fase	P h:m:s	Dur	Co Amp Per
	e Sn	11:35:25.98		HE			MORF	e Pg	d 17:50:58.40		HZ 0.013 0.4	
PMRV	e Sg	11:35:43.96		HE	0.006	0.6		e Sg	17:51:00.37		HE	
PCVE	e Sn	11:35:31.96		HE	0.002	0.6	PFVI	e Pg	17:51:01.75		HZ 0.010 0.3	
PCBR	e Sg	11:35:48.14		EN	0.003	0.4		e Sg	17:51:05.71		HE	
MESJ	e Sn	11:35:34.90		HN	0.003	0.6	PTEO	e Sg	17:51:05.41		EN	
PMTG	e Sn	11:35:38.57		HE	0.003	0.4	PBDV	e Sg	17:51:12.57		HE	
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28-Abr	Ho	15:14:20.4	Distante (NEIC)	MW 5.3			PCVE	e Sg	17:51:13.07		HE	
	Lat	36.313°N	Lon	71.172°E	Prof 88		MESJ	e Sg	17:51:15.26		HE	
	Região:	Afghanistan-Tajikistan	Bord Reg.				PVAQ	e Sg	17:51:16.78		HE 0.003 0.6	
Est	Fase	P h:m:s	Dur	Co	Amp	Per	PNCL	e S	17:51:21.26		HE	
MVO	e P	15:24:12.72		BZ	0.023	1.4	<hr/>					
PVRL	e P	15:24:15.55		SZ			29-Abr	Ho	22:23:06.5	Distante (NEIC)	MW 5.9	
PGAV	e P	15:24:16.85		BZ	0.041	1.5		Lat	39.257°S	Lon	46.099°E	
MTE	e P	15:24:16.77		BZ	0.031	1.3		Região:	Southwest Indian Ridge	Prof 10		
PVIS	e P	15:24:17.15		BZ			Est	Fase	P h:m:s	Dur	Co Amp Per	
PCBR	e P	15:24:17.79		SZ			PBDV	e P	22:36:15.22		LZ	
PMRV	e P	15:24:18.57		BZ	0.025	1.5		e PP	22:39:46.15		LZ	
PBAR	e P	15:24:20.16		BZ	0.025	1.2	PVAQ	e P	22:36:09.90		LZ	
PESTR	e P	15:24:20.68		BZ	0.031	1.3		e PP	22:39:48.59		LZ	
PMTG	e P	15:24:23.11		BZ	0.026	1.6		e SKSac	22:46:48.15		LE	
EVO	e P	15:24:17.23		BZ				e SS	22:53:14.94		LE	
PBEJ	e P	15:24:24.67		SZ	0.018	1.2		e LQ	23:05:04.85		LN	
PVAQ	e P	15:24:25.34		BZ	0.040	1.7		e LR	23:06:36.99		LZ 1.062 18	
MESJ	e P	15:24:26.48		BZ			PBAR	e PP	22:39:54.73		LZ	
PBDV	e P	15:24:27.09		BZ	0.022	1.0	PFVI	e P	22:36:17.38		LZ	
PNCL	e P	15:24:27.90		BZ	0.029	1.6		e PP	22:39:51.86		LZ	
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28-Abr	Ho	15:29:49.8		ML 2.6			PNCL	e P	22:36:22.80		LZ	
	Lat	37.863°N	Lon	03.229°W	Prof 15			e PP	22:40:02.36		LZ	
	Região:	NW Almeria (ESP)		Rms 0.7			PMRV	e LR	23:07:12.66		LZ 1.192 22	
	AxMax	2.2	AxMin	2.1	Ang 3	ErrZ 4	PMTG	e PP	22:40:07.71		LZ	
Est	Fase	P h:m:s	Dur	Co	Amp	Per	PMOZ	e LQ	23:06:57.25		LE	
PBAR	e Pn	15:30:35.68		HZ	0.017	0.4		e LR	23:07:02.13		LZ 1.536 20	
	e Sn	15:31:11.66		HE			PMAFR	e PP	22:40:12.51		LZ	
	e Sg	15:31:22.39		HE			PSBE	e PP	22:40:09.74		LZ	
PESTR	e Pg	15:30:54.90		HZ	0.015	0.9						
	e Sn	15:31:24.69		HE								
	e Sg	15:31:42.06		HE								

MTE	e PP	22:40:12.00	LZ	2.093	20	30-Abr	Ho	03:16:54.2	ML	0.4					
	e SKSac	22:46:59.92	LN				Lat	38.724°N	Lon	07.891°W	Prof	12			
	e SS	22:53:45.89	LE				Região:	E Arraiolos	Rms	0.2					
	e LR	23:07:21.59	LZ				AxMax	2.3	AxMin	1.4	Ang	106	ErrZ	5	
	e PP	22:40:10.72	LZ				Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PCAS	e PP	22:40:16.47	LZ	1.375	22	EVO	e Pg	c	03:16:58.64	HZ	0.007	0.1			
COI	e P	22:36:28.34	LZ			e Sg			03:17:02.10	HE					
MVO	e PP	22:40:09.00	LZ			PESTR	e Pg		03:16:59.77	HZ	0.001	0.1			
	e SKSac	22:47:09.73	LN			e Sg			03:17:03.82	HN					
	e SS	22:53:53.94	LN			PMTG	e Pg		03:17:02.08	HZ	0.001	0.2			
PBRG	e LR	23:07:50.43	LZ	e Sg			03:17:08.24	HN							
	e PP	22:40:15.01	LZ	PNCL	e P		03:17:08.46	HZ							
	PGAV	e PP	22:40:18.68	LZ	e S		03:17:18.95	HE							
	e SS	22:54:18.87	LN	PMRV	e P		03:17:08.73	HZ							
	e LR	23:08:20.22	LZ	e S			03:17:19.78	HN							
				PBAR	e P		03:17:09.71	HZ							
30-Abr	Ho	01:45:29.4	ML	1.1			e S		03:17:21.54	HE					
	Lat	42.117°N	Lon	08.218°W	Prof	14	MESJ	e S		03:17:22.88	HN				
	Região:	NE Melgaço	Rms	0.4	PVAQ	e Sn		03:17:34.92	HE	0.001	0.1				
	AxMax	4.7	AxMin	2.1	Ang	77	ErrZ	5							
	Est	Fase	P	h:m:s	Dur	Co	Amp	Per							
PGAV	e Pg		01:45:33.38	HZ	0.030	0.2	30-Abr	Ho	04:14:44.6	ML	2.0				
PVRL	e Sg		01:45:36.55	HN				Lat	37.895°N	Lon	03.257°W	Prof	5		
	e Pg		01:45:46.15	SZ	0.007	0.1		Região:	NW Almeria (ESP)	Rms	0.6				
	e Sg		01:45:58.06	SE				AxMax	2.9	AxMin	2.3	Ang	51	ErrZ	5
PBRG	e P		01:45:50.06	HZ	0.002	0.3		Est	Fase	P	h:m:s	Dur	Co	Amp	Per
	e S		01:46:04.68	HN			PBAR	e Pn		04:15:31.25	HZ	0.004	0.3		
MVO	e Sn		01:46:09.35	HE	0.002	0.3	e Sn			04:16:06.68	HE				
	PVIS	e Sg		01:46:13.01	HE	0.002	0.1	e Sg			04:16:17.51	HE			
30-Abr	Ho	02:04:57.7	ML	1.3			PESTR	e Pg		04:15:47.34	HZ	0.003	0.5		
	Lat	38.053°N	Lon	09.500°W	Prof	6	e Sn			04:16:19.59	HE				
	Região:	SW Sesimbra	Rms	0.5	PVAQ	e Sg		04:16:35.09	HE						
	AxMax	7.1	AxMin	2.7	Ang	83	ErrZ	4	e Sn		04:16:20.86	HN	0.003	0.5	
	Est	Fase	P	h:m:s	Dur	Co	Amp	Per	e Sg		04:16:34.24	HN			
PSES	e Pg	d	02:05:06.97	HZ	0.014	0.5	PMRV	e Sn		04:16:20.77	HN	0.003	0.6		
PNCL	e Sg		02:05:13.89	HE			e Sg			04:16:37.98	HE				
	e P		02:05:11.36	HZ	0.006	0.3	EVO	e Sn		04:16:26.18	HN	0.002	0.3		
	e S		02:05:22.63	HN			PCBR	e Sn		04:16:27.13	EE				
PTEO	e P		02:05:11.92	EZ	0.009	0.8	MESJ	e Sn		04:16:29.34	HE				
	e S		02:05:23.61	EE			PMTG	e Sn		04:16:32.21	HN				
	PACT	e P	d	02:05:14.23	BZ			30-Abr	Ho	07:57:58.1	ML	1.4			
PMAFR	e S		02:05:26.92	BE			Lat		36.337°N	Lon	07.902°W	Prof	31		
	e P		02:05:14.09	HZ			Região:		Golfo de Cádiz	Rms	0.5				
MORF	e S		02:05:26.69	HE			AxMax		6.9	AxMin	4.8	Ang	68	ErrZ	19
	e P		02:05:15.82	HZ	0.004	0.3	Est		Fase	P	h:m:s	Dur	Co	Amp	Per
MESJ	e S		02:05:30.17	HE			PBDV	e S		07:58:24.74	HE	0.003	0.1		
	e P		02:05:16.18	HZ	0.006	0.5	PVAQ	e P		07:58:15.87	HZ	0.007	0.3		
	e S		02:05:30.72	HN			e S			07:58:28.60	HE				
PFVI	e P	c	02:05:17.05	HZ	0.005	0.3	e P			07:58:15.60	HZ				
	e S		02:05:31.35	HE			e S			07:58:28.96	HE				
	PCVE	e P		02:05:19.72	HZ	0.003	0.6	MORF	e P		07:58:16.32	HZ	0.005	0.2	
EVO	e S		02:05:36.54	HE			e S			07:58:30.36	HE				
	e P		02:05:20.03	HZ	0.005	0.3	PCVE	e Pn		07:58:19.18	HZ	0.003	0.3		
	e S		02:05:36.99	HE			e Sn			07:58:34.24	HN				
PBEJ	e Sn		02:05:37.85	EN	0.003	0.4	MESJ	e Sn		07:58:40.15	HE	0.002	0.1		
	PMTG	e Pn		02:05:22.36	HZ	0.003	0.8	PNCL	e Pn		07:58:26.14	HZ	0.001	0.1	
	e Sn		02:05:41.17	HE			e Sn			07:58:46.64	HE				
PBDV	e Pn		02:05:23.87	HZ			PBAR	e Sn		07:58:49.98	HE	0.002	0.8		
	e Sn		02:05:43.35	HN			PMTG	e Pn		07:58:39.61	HZ	0.002	0.3		
	PVAQ	e Pn		02:05:25.29	HZ	0.002	0.4	e Sn			07:59:09.24	HN			
	e Sn		02:05:43.67	HE			30-Abr	Ho	12:37:26.1	ML	1.2				
	e Sg		02:05:46.52	HN				Lat	36.678°N	Lon	07.234°W	Prof	19		
	PESTR	e Sn		02:05:47.17	HN	0.001		0.3	Região:	Golfo de Cádiz	Rms	0.5			
PBAR	e Sg		02:05:50.69	HE				AxMax	6.8	AxMin	3.2	Ang	62	ErrZ	5
	e Sn		02:05:57.71	HE	0.001	0.2		Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PMRV	e Sn		02:05:57.84	HE			PBDV	e S		12:37:51.35	HE	0.004	0.3		
30-Abr	Ho	03:04:03.90	ML	1.1			PVAQ	e P	c	12:37:41.35	HZ	0.004	0.6		
	Lat	38.053°N	Lon	09.500°W	Prof	6	e S			12:37:51.64	HN				
	Região:	SW Sesimbra	Rms	0.5	PCVE	e S		12:38:00.34	HE	0.002	0.3				
	AxMax	7.1	AxMin	2.7	Ang	83	ErrZ	4	MORF	e Sn		12:38:03.85	HN	0.002	0.6
	Est	Fase	P	h:m:s	Dur	Co	Amp	Per	PFVI	e Sn		12:38:05.03	HE		
PBAR	e Sn		03:04:03.90	HN	0.002	0.3	MESJ	e Sn		12:38:06.40	HE				
PESTR	e Sn		03:04:17.58	HN			PTEO	e Sn		12:38:08.54	EE				
PVAQ	e Sg		03:04:33.42	HN			PNCL	e Sn		12:38:15.12	HN				
PMRV	e Sg		03:04:35.45	HE			EVO	e Sn		12:38:19.46	HE	0.002	0.1		
							PMTG	e Sn		12:38:33.28	HE				
							PMRV	e Sn		12:38:38.07	HE	0.002	0.1		

<b>30-Abr</b>	<b>Ho</b>	<b>12:56:10.8</b>			<b>ML 1.9</b>
	<b>Lat</b>	<b>32.976°N</b>	<b>Lon</b>	<b>16.306°W</b>	<b>Prof 24</b>
	<b>Região: SE Porto Santo (Madeira)</b>				<b>Rms 0.2</b>
	<b>AxMax</b>	<b>17.5</b>	<b>AxMin</b>	<b>5.5</b>	<b>Ang 147 ErrZ 10</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMPs	e P	12:56:36.32		SZ	0.176 0.1
	e S	12:56:39.14		SN	
PMPST	i P	c 12:56:14.20		HZ	0.134 0.2
	e S	12:56:16.91		HE	
PMAR	e P	12:56:19.99		HZ	0.079 0.2
	e S	12:56:26.47		H2	
PMSOL	e S	12:56:29.47		SN	
PMOZ	e P	12:56:22.51		HZ	0.024 0.3
	e S	12:56:30.85		HE	

<b>30-Abr</b>	<b>Ho</b>	<b>14:14:49.8</b>			<b>ML 1.8</b>
	<b>Lat</b>	<b>36.926°N</b>	<b>Lon</b>	<b>10.186°W</b>	<b>Prof 21</b>
	<b>Região: Gorringe</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>20.6</b>	<b>AxMin</b>	<b>4.5</b>	<b>Ang 60 ErrZ 24</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	14:15:08.64		HZ	0.009 0.4
	e S	14:15:22.20		HE	
MORF	e Sn	14:15:26.63		HN	0.009 0.1
PTEO	e Sn	14:15:27.63		EN	
PSSES	e Pn	14:15:16.99		HZ	0.024 0.3
	e Sn	14:15:37.44		HN	
PNCL	e Pn	14:15:17.81		HZ	0.006 0.6
	e Sn	14:15:38.21		HN	
MESJ	e Pn	14:15:18.34		HZ	0.003 0.2
	e Sn	14:15:39.24		HE	
PBDV	e Sn	14:15:40.21		HE	0.003 0.6
PCVE	e Pn	14:15:19.19		HZ	0.003 0.2
	e Sn	14:15:40.54		HE	
PVAQ	e Pn	14:15:21.69		HZ	0.003 0.2
	e Sn	14:15:45.01		HN	
PACT	e Sn	14:15:47.32		BN	
PMAFR	e Pn	14:15:22.38		HZ	0.014 0.6
	e Sn	14:15:48.04		HN	
EVO	e Sn	14:15:52.23		HE	0.009 0.1
PMTG	e Pn	14:15:29.16		HZ	0.003 0.4
	e Sn	14:15:58.63		HN	
PBAR	e Sn	14:16:03.07		HE	0.001 0.2
PESTR	e Sn	14:16:03.84		HN	0.002 0.7
PMRV	e Pn	14:15:38.77		HZ	0.002 0.2
	e Sn	14:16:14.91		HE	
PCAS	e Pn	14:15:39.39		HZ	0.003 0.3
	e Sn	14:16:17.26		HN	

<b>30-Abr</b>	<b>Ho</b>	<b>17:32:38.5</b>			<b>ML 2.1</b>
	<b>Lat</b>	<b>38.117°N</b>	<b>Lon</b>	<b>13.687°W</b>	<b>Prof 10</b>
	<b>Região: Josephine</b>				<b>Rms 0.6</b>
	<b>AxMax</b>	<b>47.5</b>	<b>AxMin</b>	<b>8.5</b>	<b>Ang 82 ErrZ 89</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e Pn	17:33:28.09		HZ	
	e Sn	17:34:05.51		HE	
PACT	e Pn	17:33:32.44		BZ	
PTEO	e Pn	17:33:33.20		EZ	0.004 0.4
	e Sn	17:34:13.89		EE	
PFVI	e Pn	17:33:33.50		HZ	0.005 0.5
	e Sn	17:34:14.57		HE	
PNCL	e Pn	17:33:35.76		HZ	0.002 0.5
	e Sn	17:34:17.33		HE	
PSBE	e Pn	17:33:35.94		HZ	
MORF	e Pn	17:33:34.75		HZ	0.004 0.2
	e Sn	17:34:16.01		HN	
MESJ	e Sn	17:34:23.76		HN	0.001 0.4
PMTG	e Pn	17:33:38.52		HZ	0.002 0.7
	e Sn	17:34:24.45		HN	
EVO	e Sn	17:34:27.04		HN	0.002 0.1
PCAS	e Pn	17:33:41.19		HZ	
	e Sn	17:34:27.05		HN	
PCVE	e Pn	17:33:40.67		HZ	0.002 0.6
	e Sn	17:34:27.20		HE	
PBEJ	e Sn	17:34:30.07		EN	
PBDV	e Pn	17:33:43.62		HZ	0.002 0.1
	e Sn	17:34:31.18		HE	

PVAQ	e Pn	17:33:44.93		HZ	0.002 0.3
	e Sn	17:34:34.12		HN	
PESTR	e Pn	17:33:44.42		HZ	0.002 0.8
	e Sn	17:34:35.53		HE	
PMRV	e Pn	17:33:48.28		HZ	0.001 0.6
	e Sn	17:34:42.17		HN	
PBAR	e Pn	17:33:51.16		HZ	0.001 0.2
	e Sn	17:34:44.62		HE	
PGAV	e Pn	17:33:55.84		HZ	0.003 0.9
	e Sn	17:34:54.88		HN	
MVO	e Pn	17:34:00.51		HZ	

<b>30-Abr</b>	<b>Ho</b>	<b>17:52:39.5</b>			<b>ML 0.9</b>
	<b>Lat</b>	<b>37.570°N</b>	<b>Lon</b>	<b>09.263°W</b>	<b>Prof 13</b>
	<b>Região: NW Aljezur</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>6.1</b>	<b>AxMin</b>	<b>3.2</b>	<b>Ang 88 ErrZ 7</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PTEO	e Sg	17:52:53.68		EE	0.006 0.3
MORF	e Pg	17:52:49.75		HZ	0.004 0.5
	e Sg	17:52:57.17		HE	
PFVI	e Pg	c 17:52:49.51		HZ	0.004 0.3
	e Sg	17:52:57.87		HE	
PNCL	e P	17:52:53.90		HZ	0.002 0.6
	e S	17:53:14.41		HE	
MESJ	e S	17:53:07.18		HN	
PCVE	e P	17:52:57.11		HZ	0.002 0.3
	e S	17:53:09.61		HE	
PBDV	e S	17:53:14.04		HE	0.002 0.6
PVAQ	e Sg	17:53:18.70		HE	0.002 0.2
PMTG	e Sg	17:53:32.61		HN	

<b>30-Abr</b>	<b>Ho</b>	<b>18:24:53.0</b>	<b>Distante (NEIC)</b>	<b>MW 5.8</b>		
	<b>Lat</b>	<b>15.943°S</b>	<b>Lon 168.372°E</b>	<b>Prof 266</b>		
	<b>Região: Vanuatu Islands</b>					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e pPKP	18:45:44.40		BZ		
PGAV	e pPKP	18:45:35.86		BZ		
PVRL	e pPKP	18:45:47.55		SZ		
MVO	e pPKP	18:45:34.59		BZ		
PVIS	e pPKP	18:45:49.84		BZ		
MTE	e pPKP	18:45:51.38		BZ		
COI	e pPKP	18:45:52.45		BZ		
PCAS	e pPKP	18:45:52.62		BZ		
PCBR	e pPKP	18:45:53.06		SZ		
PMRV	e pPKP	18:45:54.79		BZ		
PSBE	e pPKP	18:45:55.53		BZ		
PMTG	e pPKP	18:45:57.05		BZ		
PESTR	e pPKP	18:45:53.61		BZ		
PMAFR	e pPKP	18:45:58.19		BZ		
EVO	e pPKP	18:45:54.87		BZ		
PBAR	e pPKP	18:45:56.60		BZ		
PNCL	e pPKP	18:46:01.32		BZ		
PBEJ	e pPKP	18:45:57.82		SZ		
MESJ	e pPKP	18:45:58.70		BZ		
PCVE	e pPKP	18:45:59.42		BZ		
PTEO	e pPKP	18:46:01.92		SZ		
PVAQ	e pPKP	18:46:04.23		BZ		
MORF	e pPKP	18:46:00.29		BZ		
PFVI	e pPKP	18:46:06.05		BZ		

<b>30-Abr</b>	<b>Ho</b>	<b>19:14:54.5</b>			<b>ML 1.3</b>
	<b>Lat</b>	<b>42.274°N</b>	<b>Lon</b>	<b>07.852°W</b>	<b>Prof 6</b>
	<b>Região: S Ourense (ESP)</b>				<b>Rms 0.3</b>
	<b>AxMax</b>	<b>2.2</b>	<b>AxMin</b>	<b>1.7</b>	<b>Ang 83 ErrZ 4</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PGAV	i Pg	c 19:15:02.67		HZ	0.024 0.2
	e Sg	19:15:08.60		HN	
PBRG	e P	19:15:11.96		HZ	0.004 0.1
	e S	19:15:24.29		HE	
MVO	e Sn	19:15:34.40		HE	
PVIS	e Pn	19:15:21.27		HZ	0.003 0.3
	e Sn	19:15:42.13		HE	

<b>30-Abr</b>	<b>Ho</b>	<b>21:50:04.1</b>			<b>ML 1.5</b>	
	<b>Lat</b>	<b>36.959°N</b>	<b>Lon</b>	<b>05.225°W</b>	<b>Prof</b>	<b>16</b>
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms</b>	<b>0.4</b>
	<b>AxMax</b>	<b>5.5</b>	<b>AxMin</b>	<b>4.1</b>	<b>Ang</b>	<b>101</b>
					<b>ErrZ</b>	<b>7</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pn	21:50:33.59		HZ	0.002	0.7
	e Sn	21:50:58.10		HE		
PVAQ	e Pn	21:50:36.40		HZ	0.003	0.5
	e Sn	21:51:00.43		HE		
	e Sg	21:51:09.59		HE		
PBDV	e Pn	21:50:38.82		HZ		
PCVE	e Pn	21:50:40.64		HZ	0.002	0.5
	e Sg	21:51:17.84		HE		
PMRV	e Pn	21:50:50.64		HZ	0.002	0.7
	e Sn	21:51:25.22		HN		

<b>30-Abr</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Sn	23:05:34.76		HN		
	e Sg	23:05:46.90		HN		
PMRV	e Sg	23:06:04.36		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 Abril 2018

