

**BOLETIM  
SISMOLÓGICO  
PRELIMINAR  
DO CONTINENTE E  
MADEIRA**

**Boletim Sismológico Preliminar do Continente e Madeira**  
Editado — 2019

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

# **ABRIL DE 2019**

### **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
PMTG	Montargil	CMG-3ESPc/24 bits	HH*,BH*,LH*	39° 04.14'N	08°13.52 'W	190 m	IPMA
PMAFR	Tapada de Mafra	STS2/ 24 bits	HH*,BH*,LH*	38° 57.32'N	09° 16.96'W	329 m	IPMA
PESTR	Estremoz	TRILL120s/ 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	TRILL120s/ 24 bits	HH*,BH*,LH*	37° 37.97'N	08°02.34 'W	225 m	IPMA
PTEO	São Teotónio	TRILL120s/ 24 bits	HH*,BH*,LH*	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	Marmeleite	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
PMSOL	Ponta do Sol	LE3D-5s/ 20 bits	SH*	32° 40.81'N	17° 06.35'W	43 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
01-04-2019	08:52:42.6	34.244°N	16.373°W	10*	2.7 ml	N Porto Santo (Madeira)	0.2	
01-04-2019	18:05:38.6	36.596°N	07.662°W	22	1.7 ml	Golfo de Cádiz	0.3	
01-04-2019	19:27:28.3	35.643°N	04.721°W	45*	1.7 ml	Alboran	0.4	
01-04-2019	22:05:52.7	40.483°N	07.316°W	7	1.5 ml	SW Guarda	0.3	
02-04-2019	00:31:58.9	36.905°N	09.300°W	28	1.0 ml	SW Cabo S.Vicente	0.2	
02-04-2019	05:39:42.2	40.853°N	08.396°W	1*	1.1 ml	NW Vale de Cambra	0.4	
02-04-2019	11:25:08.1	37.211°N	09.123°W	17	2.1 ml	NW Vila do Bispo	0.3	
02-04-2019	13:11:26.4	36.596°N	07.610°W	22	1.5 ml	Golfo de Cádiz	0.4	
02-04-2019	18:26:25.9	36.160°N	08.558°W	32	1.6 ml	SE Cabo S.Vicente	0.3	
02-04-2019	23:40:12.4	36.983°N	05.301°W	15	2.2 ml	SE Sevilha (ESP)	0.5	
02-04-2019	23:42:41.9	37.005°N	05.299°W	14	1.6 ml	SE Sevilha (ESP)	0.5	
03-04-2019	00:43:17.1	37.309°N	08.520°W	19	1.1 ml	E Monchique	0.4	
03-04-2019	13:13:30.6	35.834°N	08.744°W	38*	1.9 ml	Mar de Marrocos	0.5	
03-04-2019	15:29:53.7	42.297°N	01.312°E	23	3.9 ml	Pirinéus (ESP)	0.6	
04-04-2019	06:25:23.1	34.909°N	04.317°W	7	2.2 ml	SW Al Hoceima (MARR)	0.4	
04-04-2019	19:35:52.7	36.849°N	10.996°W	32	1.8 ml	Gorringe	0.4	
06-04-2019	05:54:14.5	36.568°N	07.958°W	35*	1.6 ml	Golfo de Cádiz	0.5	
06-04-2019	19:07:03.0	35.984°N	07.242°W	38*	1.7 ml	Mar de Marrocos	0.4	
06-04-2019	21:28:55.1	36.277°N	09.373°W	10*	1.6 ml	SW Cabo S.Vicente	0.4	
07-04-2019	05:01:25.1	42.118°N	07.773°W	2*	1.0 ml	SE Ourense (ESP)	0.4	
07-04-2019	09:03:18.0	36.789°N	09.463°W	27	2.0 ml	SW Cabo S.Vicente	0.4	
07-04-2019	09:48:25.5	36.713°N	09.673°W	20	1.4 ml	SW Cabo S.Vicente	0.3	
07-04-2019	14:05:17.2	41.174°N	06.979°W	0*	1.0 ml	E Torre de Moncorvo	0.3	
07-04-2019	20:17:18.0	37.329°N	08.538°W	16	1.5 ml	NE Monchique	0.3	
08-04-2019	12:38:49.9	37.329°N	08.644°W	15	1.1 ml	W Monchique	0.3	
08-04-2019	12:58:23.0	37.313°N	07.717°W	3*	0.9 ml	NW Tavira	0.3	
08-04-2019	20:35:37.1	37.560°N	08.420°W	5	0.9 ml	SW Ourique	0.1	
09-04-2019	03:39:56.0	43.928°N	09.693°W	11	2.6 ml	Spain	0.4	
09-04-2019	06:33:22.5	38.057°N	01.618°W	15	3.2 ml	NE Lorca (ESP)	0.4	
09-04-2019	08:38:14.2	36.687°N	09.659°W	21	1.8 ml	SW Cabo S.Vicente	0.4	
10-04-2019	11:18:35.5	36.582°N	05.826°W	31	2.1 ml	E Cádiz (ESP)	0.3	
11-04-2019	00:39:14.5	32.245°N	16.958°W	19	1.7 ml	S Câmara de Lobos (Mdra)	0.3	
11-04-2019	07:05:56.4	36.465°N	02.546°W	16	2.7 ml	Alboran	0.5	
11-04-2019	07:15:10.6	37.282°N	08.569°W	11	0.7 ml	SW Monchique	0.2	
11-04-2019	15:51:35.8	37.371°N	09.109°W	20	1.2 ml	NW Aljezur	0.2	
11-04-2019	16:14:05.1	36.737°N	08.539°W	15	1.5 ml	SE Lagos	0.2	
11-04-2019	17:26:17.7	36.459°N	09.170°W	2*	1.7 ml	SW Cabo S.Vicente	0.3	
11-04-2019	23:10:00.1	36.311°N	07.667°W	14	1.2 ml	Golfo de Cádiz	0.4	
12-04-2019	09:14:45.5	36.979°N	05.306°W	15	2.6 ml	SE Sevilha (ESP)	0.4	
12-04-2019	09:29:39.6	37.008°N	05.282°W	19	1.8 ml	SE Sevilha (ESP)	0.3	
12-04-2019	10:12:15.7	37.011°N	05.511°W	15	2.0 ml	SE Sevilha (ESP)	0.5	
12-04-2019	11:44:46.6	38.651°N	09.144°W	13	1.5 ml	SE Almada	0.4	
12-04-2019	20:30:07.0	37.904°N	03.191°W	11	2.0 ml	NW Almeria (ESP)	0.4	
13-04-2019	00:42:12.9	36.738°N	07.204°W	20	1.0 ml	Golfo de Cádiz	0.2	
13-04-2019	04:06:41.5	36.604°N	09.709°W	19	1.5 ml	SW Cabo S.Vicente	0.4	
13-04-2019	06:37:48.6	37.022°N	05.526°W	11	1.9 ml	SE Sevilha (ESP)	0.5	
13-04-2019	07:10:42.8	37.008°N	05.506°W	11	1.8 ml	SE Sevilha (ESP)	0.5	
13-04-2019	11:32:06.2	37.096°N	14.611°W	10*	2.9 ml	Josephine	0.4	
14-04-2019	01:59:44.5	36.541°N	11.239°W	37*	2.4 ml	Gorringe	0.4	
14-04-2019	02:49:23.1	36.285°N	09.789°W	32*	1.4 ml	SW Cabo S.Vicente	0.3	
14-04-2019	15:37:04.8	42.096°N	07.833°W	3*	1.3 ml	S Ourense (ESP)	0.4	
14-04-2019	19:45:05.0	42.107°N	07.827°W	0*	0.8 ml	S Ourense (ESP)	0.3	
14-04-2019	23:50:48.4	37.275°N	08.630°W	9*	0.2 ml	SW Monchique	0.4	
15-04-2019	03:01:39.5	43.160°N	07.236°W	11	1.2 ml	NE Lugo (ESP)	0.4	
15-04-2019	11:52:04.9	37.036°N	08.463°W	17	1.7 ml	S Lagoa	0.3	
15-04-2019	11:58:10.0	36.550°N	07.579°W	34*	1.5 ml	Golfo de Cádiz	0.3	
15-04-2019	16:18:58.4	37.167°N	05.469°W	0*	1.4 ml	SE Sevilha (ESP)	0.4	
16-04-2019	12:59:46.8	35.810°N	00.958°W	16	2.7 ml	NW Argélia (ALG)	0.5	

16-04-2019	21:27:14.0	36.839°N	08.629°W	28	0.8 ml	SE Lagos	0.1
17-04-2019	03:10:07.1	37.289°N	07.970°W	3*	0.9 ml	NW S.Brás de Alportel	0.4
17-04-2019	03:11:49.0	37.274°N	07.975°W	4	1.2 ml	NW S.Brás de Alportel	0.3
17-04-2019	13:53:14.4	36.593°N	07.199°W	17	1.9 ml	Golfo de Cádiz	0.2
17-04-2019	23:52:26.5	37.895°N	03.201°W	6	1.9 ml	NW Almeria (ESP)	0.4
18-04-2019	00:35:24.8	35.341°N	04.520°W	8	1.2 ml	W Al Hoceima (MARR)	0.8
18-04-2019	00:39:53.2	40.038°N	08.633°W	0	1.1 ml	SE Soure	0.4
18-04-2019	01:49:16.9	32.477°N	16.905°W	30	1.5 ml	S Funchal (Madeira)	0.3
18-04-2019	09:07:05.9	36.989°N	05.329°W	14	1.7 ml	SE Sevilha (ESP)	0.6
18-04-2019	17:41:10.2	36.649°N	09.739°W	31	2.6 ml	SW Cabo S.Vicente	0.4
18-04-2019	17:59:04.3	31.389°N	07.610°W	15	2.6 ml	Morocco	0.6
18-04-2019	21:10:20.3	36.399°N	08.115°W	12	1.8 ml	SW Faro	0.6
19-04-2019	01:20:26.3	36.485°N	07.666°W	29	1.4 ml	Golfo de Cádiz	0.3
19-04-2019	10:12:59.9	42.186°N	07.996°W	13	1.6 ml	SW Ourense (ESP)	0.3
20-04-2019	04:56:54.5	36.880°N	09.757°W	12*	1.5 ml	SW Cabo S.Vicente	0.4
20-04-2019	04:58:43.4	38.528°N	06.311°W	0*	1.0 ml	S Mérida (ESP)	0.3
20-04-2019	18:49:07.8	36.449°N	07.694°W	0*	1.4 ml	Golfo de Cádiz	0.3
21-04-2019	09:25:24.0	36.799°N	09.716°W	15	1.2 ml	SW Cabo S.Vicente	0.4
21-04-2019	17:44:55.0	35.682°N	04.720°W	31	2.0 ml	Alboran	0.4
21-04-2019	20:41:02.1	36.725°N	09.628°W	21	1.4 ml	SW Cabo S.Vicente	0.3
21-04-2019	21:48:01.8	36.817°N	09.641°W	21	1.4 ml	SW Cabo S.Vicente	0.3
21-04-2019	22:02:13.4	37.684°N	09.442°W	30	1.4 ml	SW Sines	0.4
22-04-2019	00:07:39.6	37.349°N	08.786°W	0*	1.2 ml	NE Aljezur	0.3
22-04-2019	00:58:34.8	38.127°N	09.052°W	13	1.6 ml	NW Sines	0.4
22-04-2019	08:31:20.6	37.318°N	08.644°W	12	1.2 ml	W Monchique	0.2
22-04-2019	14:16:26.0	44.211°N	08.672°W	39	2.9 ml	Mar Cantábrico	0.3
22-04-2019	15:47:00.3	37.017°N	05.304°W	19	1.6 ml	SE Sevilha (ESP)	0.3
22-04-2019	17:24:26.1	41.315°N	07.708°W	0*	1.3 ml	NE Vila Real	0.3
22-04-2019	20:41:59.4	36.538°N	07.660°W	42*	1.2 ml	Golfo de Cádiz	0.3
22-04-2019	20:44:52.2	37.178°N	08.583°W	5*	0.8 ml	NW Portimão	0.2
23-04-2019	02:18:13.1	41.312°N	07.681°W	1	1.6 ml	NE Vila Real	0.4
23-04-2019	08:16:36.3	29.403°N	16.581°W	10*	3.1 ml	Canary Islands, Spain Reg	0.5
23-04-2019	15:54:33.9	36.753°N	07.102°W	20	1.5 ml	Golfo de Cádiz	0.4
24-04-2019	04:17:35.2	36.706°N	02.671°W	1	2.8 ml	SE Granada (ESP)	0.4
25-04-2019	01:36:06.2	34.945°N	11.897°W	25	2.2 ml	Madeira Islands, Portugal	0.4
25-04-2019	04:51:32.8	41.285°N	07.759°W	0	1.0 ml	SW Vila Real	0.2
26-04-2019	16:13:27.5	37.308°N	08.585°W	15	0.8 ml	SW Monchique	0.1
26-04-2019	18:36:03.1	36.400°N	07.790°W	20	2.0 ml	Golfo de Cádiz	0.5
27-04-2019	06:52:53.4	37.320°N	08.602°W	13	1.0 ml	W Monchique	0.1
27-04-2019	09:41:27.5	36.842°N	10.388°W	22*	2.1 ml	Gorringe	0.3
27-04-2019	15:45:25.6	36.820°N	10.922°W	29*	2.0 ml	Gorringe	0.3
27-04-2019	21:29:08.7	36.688°N	08.001°W	27	1.3 ml	SW Faro	0.4
28-04-2019	02:07:25.9	35.970°N	10.290°W	30	2.1 ml	Mar de Marrocos	0.4
28-04-2019	02:10:05.2	37.538°N	06.951°W	12	0.7 ml	N Huelva (ESP)	0.3
28-04-2019	17:02:40.2	36.010°N	10.231°W	9*	2.2 ml	Gorringe	0.4
28-04-2019	20:48:05.9	36.620°N	07.968°W	28	1.2 ml	Golfo de Cádiz	0.4
29-04-2019	00:41:16.2	36.607°N	09.782°W	14	1.4 ml	SW Cabo S.Vicente	0.3
29-04-2019	03:47:33.7	37.295°N	07.961°W	0*	0.9 ml	NW S.Brás de Alportel	0.3
29-04-2019	05:01:05.5	38.670°N	02.777°W	17	2.3 ml	SW Albacete (ESP)	0.4
29-04-2019	09:06:17.7	36.024°N	10.298°W	19*	2.1 ml	Gorringe	0.3
29-04-2019	18:27:54.1	35.980°N	04.049°W	17	1.7 ml	Alboran	0.4
30-04-2019	08:46:29.5	36.824°N	11.397°W	31*	2.2 ml	Gorringe	0.3
30-04-2019	14:59:40.9	36.854°N	07.991°W	29	1.1 ml	Golfo de Cádiz	0.2

01-Abr	Ho	08:52:42.6				ML	2.7		e	S	08:53:22.10	H2		
	Lat	34.244°N	Lon	16.373°W	Prof	10*				IAML	08:53:23.76	HZ	0.086 0.2	
	Região: N Porto Santo (Madeira)					Rms	0.2		FUL	e	S	08:53:22.98	EN	
	AxMax	10.8	AxMin	2.9	Ang	122	ErrZ	0			IAML	08:53:27.89	EZ	0.095 0.5
Est	Fase	P	h:m:s	Dur	Co	Amp	Per		PMSOL	e	P	08:53:06.00	SZ	
PMPST	i	P	c	08:52:59.27						e	S	08:53:23.58	SN	
		e	S	08:53:11.82		HN					IAML	08:53:24.89	SZ	0.044 0.2
PMOZ		IAML		08:53:12.61		HZ	0.164 0.3		PFVI	e	P	08:54:17.40	HZ	
	e	P		08:53:05.03		HZ				e	S	08:55:24.54	HE	
		e	S	08:53:22.20		HE					IAML	08:55:29.18	HZ	0.004 0.9
		IAML		08:53:23.10		HZ	0.048 0.4		PBDV	e	P	08:54:28.00	HZ	
PMAR	e	P		08:53:05.03		HZ				e	S	08:55:42.62	HE	

PCVE	e P	08:54:30.10	HZ	<b>01-Abr</b>	<b>Ho 18:05:38.6</b>	<b>Lat 36.596°N Lon 07.662°W</b>		<b>ML 1.7</b>
	e S	08:55:45.98	HN					<b>Prof 22</b>
PVAQ	e P	08:54:31.47	HZ			<b>Região: Golfo de Cádiz</b>		<b>Rms 0.3</b>
PMRV	e P	08:54:45.97	HZ			<b>AxMax 4.1 AxMin 2.8 Ang 33</b>		<b>ErrZ 3</b>
	e S	08:56:15.80	HE					
				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
				PBDV	e P	d 18:05:51.36		HZ
					e S	18:06:00.81		HN
					IAML	18:06:01.92		HZ 0.011 0.2
				PVAQ	e P	d 18:05:53.11		HZ
					e S	18:06:04.02		HZ
					IAML	18:06:04.56		HZ 0.020 0.1
				MORF	e P	c 18:05:56.34		HZ
					e S	18:06:10.73		HE
					IAML	18:06:19.69		HZ 0.013 0.1
				PCVE	e P	18:05:57.17		HZ
					e S	18:06:10.81		HN
					IAML	18:06:11.58		HZ 0.006 0.2
				PFVI	e P	18:05:56.78		HZ
					e S	18:06:10.46		HE
					IAML	18:06:20.31		HZ 0.011 0.8
				PTEO	e S	18:06:15.57		EN
				MESJ	e P	18:06:00.46		HZ
					e S	18:06:16.61		HN
					IAML	18:06:18.95		HZ 0.006 0.1
				PBEJ	e S	18:06:19.15		EE
					IAML	18:06:22.99		EZ 0.004 0.1
				PBAR	e P	18:06:04.86		HZ
					e S	18:06:24.91		HE
					IAML	18:06:30.25		HZ 0.003 0.2
				EVO	e P	18:06:09.26		HZ
					e S	18:06:31.99		HN
					IAML	18:06:35.82		HZ 0.004 0.1
				PESTR	e P	18:06:13.51		HZ
					e S	18:06:40.27		HE
				PMTG	e P	18:06:16.80		HZ
					e S	18:06:45.47		HE
					IAML	18:06:48.75		HZ 0.002 0.1
				PMAFR	e P	18:06:19.51		HZ
					e S	18:06:50.77		HN
				PMRV	e P	18:06:20.88		HZ
					e S	18:06:52.53		HE
					IAML	18:06:54.56		HZ 0.002 0.2
				PCBR	e P	18:06:26.82		EZ
				<b>01-Abr</b>	<b>Ho 18:39:05.9</b>	<b>Lat 18.206°S Lon 65.366°E</b>		<b>Mw 6.0</b>
						<b>Região: Mauritius - Reunion Region</b>		<b>Prof 10</b>
				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
				PBAR	e P	18:52:00.09		BZ
					IAMB	18:52:17.54		BZ 0.031 1.5
				PVAQ	e LR	19:20:59.13		LZ
					IAMs_20	19:35:05.72		LZ 2.198 18
				PCVE	e P	18:52:01.89		BZ
					IAMB	18:52:04.59		BZ 0.036 1.3
				PBEJ	e P	18:52:03.22		SZ
					IAMB	18:52:20.56		SZ 0.027 1.8
				PESTR	e P	18:52:03.93		BZ
					IAMB	18:52:06.01		BZ 0.051 1.1
				MESJ	e P	18:52:02.06		BZ
					IAMB	18:52:05.66		BZ 0.040 1.4
				PMRV	e P	18:52:03.15		BZ
					IAMB	18:52:21.53		BZ 0.046 1.4
					e S	19:02:49.97		LN
					e LQ	19:15:33.83		LN
					e LR	19:22:05.26		LZ
					IAMs_20	19:33:51.97		LZ 3.901 18
				MORF	e P	18:52:02.20		BZ
					IAMB	18:52:23.16		BZ 0.055 1.6
				PCBR	e P	18:52:04.83		SZ
					IAMB	18:52:22.77		SZ 0.045 1.4
				PMTG	e P	18:52:06.42		BZ
					IAMB	18:52:08.63		BZ 0.062 1.0
				MVO	e P	18:52:06.70		BZ
					IAMB	18:52:08.96		BZ 0.037 1.1
					e S	19:02:50.01		LN
					e SS	19:08:58.04		LE
					e LQ	19:15:39.39		LN
					e LR	19:22:42.93		LZ



MTE	IAMs_20	19:31:29.03	LZ	1.807	22	POLO	IAML	22:06:21.12	HZ	0.018	0.3		
	e P	18:52:06.24	BZ				e P	22:06:10.35	HZ				
	IAmb	18:52:24.23	BZ	0.041	1.5		e S	22:06:22.78	HE				
	e S	19:02:51.05	LN				IAML	22:06:24.05	HZ	0.003	0.8		
	e SS	19:08:50.96	LE				PCAS	e P	22:06:11.33	HZ			
	e LQ	19:15:48.16	LN				e S	22:06:24.68	HE				
PBRG	e LR	19:22:42.66	LZ			IAML	22:06:27.40	HZ	0.005	0.3			
	IAMs_20	19:30:46.80	LZ	1.778	22	PMRV	e P	22:06:11.89	HZ				
	e P	18:52:06.33	BZ			e S	22:06:25.92	HN					
	IAmb	18:52:13.70	BZ	0.038	1.2	IAML	22:06:26.20	HZ	0.012	0.4			
	e P	18:52:06.08	BZ			PCAB	e P	22:06:16.46	EZ				
	e P	18:52:05.27	SZ			e S	22:06:34.23	EE					
PCAS	IAmb	18:52:10.73	SZ	0.039	1.3	IAML	22:06:35.89	EZ	0.006	0.3			
	e P	18:52:09.07	BZ			PBRG	e P	22:06:17.50	HZ				
	IAmb	18:52:11.37	BZ	0.050	1.2	e S	22:06:35.63	HE					
PCAB	e P	18:52:09.48	BZ			IAML	22:06:37.64	HZ	0.006	0.2			
	IAmb	18:52:27.22	BZ	0.022	1.5	PSBE	e Pg	22:06:20.35	HZ				
	e P	18:52:11.22	SZ			PMTG	e Pn	22:06:18.60	HZ				
PGAV	IAmb	18:52:45.28	SZ	0.048	1.7	e Pg	22:06:21.16	HZ					
	e S	19:03:02.15	LN			e Sn	22:06:40.93	HE					
	e SS	19:09:20.39	LE			e Sg	22:06:41.88	HN					
	e LQ	19:16:11.67	LN			IAML	22:06:44.47	HZ	0.002	0.1			
	e LR	19:22:58.98	LZ			PESTR	e Pg	22:06:22.22	HZ				
	IAMs_20	19:37:36.37	LZ	2.097	18	e Sg	22:06:43.48	HN					
PMOZ	e S	19:03:51.18	LN			IAML	22:06:46.18	HZ	0.002	0.5			
	e SS	19:10:09.84	LE			PGAV	e Pg	22:06:22.46	HZ				
	e LQ	19:17:15.24	LN			e Sg	22:06:43.75	HN					
	e LR	19:25:13.43	LZ			IAML	22:06:46.35	HZ	0.003	0.5			
	IAMs_20	19:36:53.56	LZ	1.514	18	EVO	e Sg	22:06:54.79	HE				
						IAML	22:06:57.61	HZ	0.003	0.3			
01-Abr	Ho	19:27:28.3			ML 1.7	PMAFR	e Sg	22:07:00.15	HE				
	Lat	35.643°N	Lon	04.721°W	Prof 45*	PBAR	e Pn	22:06:29.90	HZ				
	Região:	Alboran			Rms 0.4	e Pg	22:06:35.33	HZ					
	AxMax	4.3	AxMin	2.8	Ang 87	ErrZ 0	e Sg	22:07:04.56	HE				
	Est	Fase	P h:m:s	Dur	Co	Amp	Per	IAML	22:07:10.17	HZ	0.002	0.5	
	PVAQ	e P	19:28:13.50	HZ			PVAQ	e Pn	22:06:39.81	HZ			
PBDV	e S	19:28:46.17	HZ			PBDV	e Sg	22:07:37.68	HE				
	IAML	19:28:47.88	HZ	0.003	0.1	MORF	e Pn	22:06:43.12	HZ				
	e P	19:28:13.93	HZ			02-Abr	Ho	00:31:58.9			ML 1.0		
	e S	19:28:47.76	HE				Lat	36.905°N	Lon	09.300°W	Prof 28		
	IAML	19:28:49.23	HZ	0.002	0.2			Região:	SW Cabo S.Vicente		Rms 0.2		
	PBAR	e P	19:28:15.21	HZ				AxMax	7.0	AxMin	5.2	Ang 104	ErrZ 4
e S	19:28:49.29	HN			Est		Fase	P h:m:s	Dur	Co	Amp	Per	
IAML	19:28:51.21	HZ	0.001	0.1	PFVI		i P	c	00:32:07.83	HZ			
PCVE	e P	19:28:17.84	HZ			e S		00:32:14.44	HN				
	e S	19:28:54.29	HE			IAML		00:32:15.78	HZ	0.005	0.8		
	IAML	19:28:58.51	HZ	0.001	0.5	MORF	e P	00:32:10.78	HZ				
PBEJ	e S	19:28:57.30	EN		e S		00:32:20.28	HN					
MESJ	e P	19:28:21.13	HZ		IAML		00:32:21.00	HZ	0.002	0.1			
MORF	e S	19:28:59.64	HN			PTEO	e P	00:32:12.79	EZ				
	IAML	19:29:02.93	HZ	0.002	0.5	e S	00:32:22.64	EN					
	e S	19:29:00.36	HE			PCVE	e P	00:32:19.15	HZ				
PFVI	IAML	19:29:01.46	HZ	0.001	0.4	e S	00:32:35.01	HE					
	e S	19:29:01.54	HE			MESJ	e P	00:32:19.25	HZ				
	PESTR	e P	19:28:26.87	HZ		e S	00:32:34.89	HE					
PMRV	e S	19:29:08.92	HN			PVAQ	e P	00:32:20.66	HZ				
	e P	19:28:31.62	HZ			EVO	e S	00:32:50.18	HN				
	PMTG	e P	19:28:32.76	HZ		PMAFR	e S	00:32:53.30	HE				
01-Abr	Ho	22:05:52.7			ML 1.5	PMTG	e S	00:33:00.53	HE				
	Lat	40.483°N	Lon	07.316°W	Prof 7	PMRV	e P	00:32:41.76	HZ				
	Região:	SW Guarda			Rms 0.3	e S	00:33:14.54	HE					
	AxMax	2.4	AxMin	2.4	Ang 80	ErrZ 4	IAML	00:33:17.87	HZ	0.001	0.6		
	Est	Fase	P h:m:s	Dur	Co	Amp	Per	02-Abr	Ho	00:59:19.9	Distante (NEIC)	mb 4.7	
	MTE	i Pg	c	22:05:56.44	HZ				Lat	52.075°N	Lon	178.120°E	Prof 10
e Sg		22:05:59.26	HE				Região:		Rat Islands, Aleutian Islands				
IAML		22:05:59.48	HZ	0.036	0.3	Est	Fase		P h:m:s	Dur	Co	Amp	Per
PVIS	e Pg	22:06:01.72	HZ			PGAV	e P		01:11:58.85	BZ			
e Sg	22:06:08.59	HE			PBRG	e P	01:11:58.13		BZ				
PCBR	e Pg	22:06:04.82	EZ			PCAB	e P	01:11:58.73	SZ				
	e Sg	22:06:13.54	EN			PMRV	e P	01:12:10.59	BZ				
	IAML	22:06:13.64	EZ	0.007	0.3	02-Abr							
MVO	e P	22:06:06.03	HZ		Est		Fase	P h:m:s	Dur	Co	Amp	Per	
e S	22:06:15.54	HN			PMOZ		e P	02:27:06.71	HZ				
IAML	22:06:17.69	HZ	0.010	0.2	PMAR		e P	02:27:08.44	HZ				
PVRL	e S	22:06:19.50	SN			e S	02:28:27.69	H1					
	IAML	22:06:21.84	SZ	0.020	0.1								
COI	e S	22:06:20.58	HN										

FUL	e P	02:27:09.32	EZ				e Sg	11:26:28.13	HN								
PMPST	e P	02:27:10.24	HZ				IAML	11:26:33.22	HZ	0.003	0.4						
02-Abr	Ho	05:39:42.2				ML 1.1	02-Abr	Ho	13:11:26.4		ML 1.5						
	Lat	40.853°N		Lon 08.396°W		Prof 1*		Lat	36.596°N		Prof 22						
	Região: NW Vale de Cambra					Rms 0.4		Região: Golfo de Cádiz					Rms 0.4				
	AxMax	4.2	AxMin	1.6	Ang 99	ErrZ 0		AxMax	13.4	AxMin	9.7	Ang 88	ErrZ 7				
Est	Fase	P h:m:s		Dur		Co	Amp	Per	Est	Fase	P h:m:s		Dur		Co	Amp	Per
PVIS	e Pg	c	05:39:49.55			HZ			PBDV	e P	d	13:11:39.43			HZ		
	e Sg		05:39:55.33			HE				e S		13:11:48.75			HN		
COI	e Sg		05:40:02.92			HN				IAML		13:11:49.56			HZ	0.006	0.1
PVRL	e Pg		05:39:54.52			SZ			PVAQ	e P		13:11:40.75			HZ		
	e Sg		05:40:03.49			SN				IAML		13:11:52.27			HZ	0.015	0.3
	IAML		05:40:06.41			SZ	0.008	0.3	PCVE	e P		13:11:44.82			HZ		
POLO	e Pg		05:39:55.00			HZ				e S		13:11:58.42			HE		
	e Sg		05:40:04.31			HN				IAML		13:11:59.63			HZ	0.003	0.2
	IAML		05:40:05.56			HZ	0.002	0.3	MORF	e P		13:11:44.56			HZ		
MTE	e S		05:40:06.91			HE				e S		13:11:59.49			HN		
	IAML		05:40:09.43			HZ	0.005	0.1		IAML		13:12:04.64			HZ	0.004	0.2
PCAS	e P		05:39:56.26			HZ			PFVI	e P		13:11:45.52			HZ		
	e S		05:40:07.39			HN				e S		13:11:58.86			HE		
	IAML		05:40:09.20			HZ	0.003	0.7		IAML		13:12:07.09			HZ	0.007	0.6
PCAB	e P		05:39:58.62			EZ			MESJ	e P		13:11:48.71			HZ		
	e S		05:40:10.94			EN				e S		13:12:05.00			HE		
	IAML		05:40:13.03			EZ	0.005	0.3		IAML		13:12:10.28			HZ	0.002	0.8
MVO	e P		05:40:02.14			HZ											
	e S		05:40:16.49			HE			02-Abr	Ho	18:26:25.9				ML 1.6		
	IAML		05:40:17.78			HZ	0.003	0.2		Lat	36.160°N		Lon 08.558°W		Prof 32		
PGAV	e P		05:40:02.27			HZ				Região: SE Cabo S.Vicente					Rms 0.3		
	e S		05:40:17.51			HE				AxMax	7.0	AxMin	5.7	Ang 42	ErrZ 16		
	IAML		05:40:18.72			HZ	0.002	0.3	Est	Fase	P h:m:s		Dur		Co	Amp	Per
PCBR	e S		05:40:19.79			EN			PFVI	e P		18:26:42.13			HZ		
	IAML		05:40:21.33			EZ	0.002	0.4		e S		18:26:54.75			HN		
PBRG	e S		05:40:30.40			HE				IAML		18:26:58.86			HZ	0.007	0.2
	IAML		05:40:33.36			HZ	0.001	0.2	MORF	e P		18:26:44.20			HZ		
PMRV	e Pn		05:40:10.44			HZ				e S		18:26:58.29			HN		
	e Sn		05:40:31.62			HN				IAML		18:26:59.02			HZ	0.019	0.2
	IAML		05:40:34.23			HZ	0.001	0.3	PBDV	e P		18:26:45.29			HZ		
PMTG	e Sg		05:40:37.51			HE				e S		18:27:00.12			HE		
PMAFR	e Sg		05:40:46.88			HN				IAML		18:27:03.45			HZ	0.003	0.4
PESTR	e Sg		05:40:47.55			HN			PTEO	e P		18:26:47.68			EZ		
										e S		18:27:04.40			EE		
02-Abr	Ho	11:25:08.1				ML 2.1				IAML		18:27:06.42			EZ	0.007	0.5
	Lat	37.211°N		Lon 09.123°W		Prof 17			PVAQ	e P		18:26:48.39			HZ		
	Região: NW Vila do Bispo					Rms 0.3				IAML		18:27:05.57			HZ	0.003	0.1
	AxMax	5.0	AxMin	2.5	Ang 79	ErrZ 3			PCVE	e P		18:26:50.04			HZ		
Est	Fase	P h:m:s		Dur		Co	Amp	Per		e S		18:27:07.59			HE		
PFVI	i Pg	d	11:25:13.34			HZ				IAML		18:27:09.16			HZ	0.003	0.3
	e S		11:25:17.08			HE			MESJ	e P		18:26:52.44			HZ		
	IAML		11:25:18.59			HZ	0.240	0.3		e S		18:27:11.73			HE		
MORF	e Pg		11:25:15.49			HZ				IAML		18:27:12.72			HZ	0.007	0.2
	e Sg		11:25:20.98			HN			PBAR	e P		18:27:01.77			HZ		
	IAML		11:25:22.01			HZ	0.110	0.1		e S		18:27:26.55			HE		
PTEO	e P		11:25:16.78			EZ				IAML		18:27:29.19			HZ	0.001	0.1
	e S		11:25:23.34			EE			PMTG	e P		18:27:08.82			HZ		
	IAML		11:25:24.25			EZ	0.097	0.4		e S		18:27:40.00			HN		
MESJ	e P		11:25:25.16			HZ				IAML		18:27:43.42			HZ	0.002	0.1
	e S		11:25:38.07			HN			PMRV	e P		18:27:15.03			HZ		
	IAML		11:25:38.67			HZ	0.016	0.2		e S		18:27:51.90			HE		
PBDV	e P		11:25:25.07			HZ											
	e S		11:25:38.25			HE			02-Abr								
	IAML		11:25:40.58			HZ	0.019	0.2	Est	Fase	P h:m:s		Dur		Co	Amp	Per
PCVE	e P		11:25:25.36			HZ			PBAR	e Pn		19:13:53.15			HZ		
	e S		11:25:37.95			HE				e Sg		19:14:22.08			HN		
	IAML		11:25:39.40			HZ	0.017	0.3		IAML		19:14:23.61			HZ	0.002	0.7
PVAQ	e P		11:25:28.05			HZ			PMRV	e Sg		19:14:47.33			HE		
	IAML		11:25:45.39			HZ	0.019	0.3									
PBAR	e Pn		11:25:39.18			HZ			02-Abr	Ho	21:35:30.1		Distante (NEIC)		Mw 6.4		
	e Sg		11:26:07.12			HN				Lat	52.155°N		Lon 178.071°E		Prof 7		
	IAML		11:26:13.37			HZ	0.008	0.7		Região: Rat Islands, Aleutian Islands							
PMTG	e Pn		11:25:38.96			HZ			Est	Fase	P h:m:s		Dur		Co	Amp	Per
	e Pg		11:25:43.88			HZ			PGAV	e P		21:48:14.68			BZ		
	e Sg		11:26:09.55			HE				IAMB		21:48:40.97			BZ	0.086	1.7
	IAML		11:26:12.70			HZ	0.008	0.3		e S		21:58:49.99			LE		
PESTR	e Sg		11:26:11.39			HN				e LQ		22:11:27.38			LE		
	IAML		11:26:13.09			HZ	0.004	0.2		e LR		22:16:10.96			LZ		
PMRV	e Pn		11:25:46.22			HZ				IAMS_20		22:27:09.26			LZ	11.70	20
	e Sn		11:26:16.49			HE											

PCAB	e P	21:48:17.17	SZ			IAML	23:41:42.56	HZ	0.009	0.5
	IAmb	21:49:37.45	SZ	0.073	1.4	MORF	e Pn	23:40:53.70	HZ	
POLO	e P	21:48:14.17	BZ				e Pg	23:41:01.71	HZ	
	IAmb	21:48:43.04	BZ	0.027	1.6		e Sn	23:41:27.19	HN	
PVRL	e P	21:48:20.01	SZ				IAML	23:41:42.96	HZ	0.008 0.1
	IAmb	21:49:08.92	SZ	0.076	2.0	PTEO	e Pn	23:40:55.38	EZ	
MVO	e P	21:48:18.85	BZ				e Sn	23:41:29.57	EN	
	IAmb	21:48:39.29	BZ	0.067	1.3		IAML	23:41:51.81	EZ	0.011 0.8
	e S	21:58:56.85	LE			PFVI	e Pn	23:40:55.52	HZ	
	e LQ	22:11:43.72	LE				e Sn	23:41:28.60	HN	
	e LR	22:18:48.45	LZ				IAML	23:41:37.34	HZ	0.009 0.8
	IAMs_20	22:38:00.79	LZ	8.964	18	PMRV	e Pn	23:40:57.29	HZ	
PVIS	e P	21:48:20.19	BZ				e Sn	23:41:31.32	HE	
MTE	e P	21:48:22.84	BZ				e Sg	23:41:43.22	HN	
	IAmb	21:48:43.01	BZ	0.070	1.2		IAML	23:41:47.59	HZ	0.007 0.4
	e S	21:59:05.65	LE			PMTG	e Pn	23:40:59.91	HZ	
	e LQ	22:12:07.05	LE				e Sn	23:41:36.70	HN	
	e LR	22:14:09.72	LZ				IAML	23:42:00.16	HZ	0.006 0.7
	IAMs_20	22:28:08.54	LZ	12.10	20	PCBR	e Pn	23:41:03.16	EZ	
COI	e P	21:48:21.68	BZ				e Sn	23:41:39.75	EN	
	IAmb	21:48:36.73	BZ	0.108	1.2		IAML	23:42:06.54	EZ	0.006 0.5
PCAS	e P	21:48:22.66	BZ			MTE	e Pn	23:41:10.54	HZ	
	IAmb	21:48:52.23	BZ	0.103	1.4		e Sn	23:41:53.95	HN	
PCBR	e P	21:48:25.48	SZ				e Sg	23:42:13.02	HE	
	IAmb	21:48:35.70	SZ	0.062	1.5		IAML	23:42:28.21	HZ	0.007 0.6
PSBE	e P	21:48:31.29	BZ			PCAS	e Sn	23:41:55.90	HN	
PMRV	e P	21:48:25.55	BZ				IAML	23:42:29.76	HZ	0.007 0.6
	IAmb	21:48:37.77	BZ	0.064	1.6	PVIS	e Pn	23:41:16.27	HZ	
	e S	21:59:12.69	LE				e Sn	23:42:03.23	HN	
	e LQ	22:12:07.83	LE			MVO	e Pn	23:41:17.02	HZ	
	e LR	22:18:23.90	LZ				e Sn	23:42:06.19	HN	
	IAMs_20	22:40:52.99	LZ	12.39	18		e Sg	23:42:28.70	HE	
PMTG	e P	21:48:26.78	BZ				IAML	23:42:34.78	HZ	0.006 0.6
	IAmb	21:48:38.92	BZ	0.052	1.6	POLO	e Sn	23:42:15.54	HE	
PESTR	e P	21:48:27.85	BZ							
	IAmb	21:48:40.22	BZ	0.090	1.6					
EVO	e P	21:48:32.07	BZ							
	IAmb	21:48:41.72	BZ	0.068	1.5					
PBAR	e P	21:48:34.10	BZ							
	IAmb	21:48:43.94	BZ	0.093	1.5					
PBEJ	e P	21:48:34.66	SZ							
	IAmb	21:48:44.35	SZ	0.053	1.5					
PCVE	e P	21:48:38.61	BZ							
	IAmb	21:48:41.86	BZ	0.055	1.6					
PTEO	e P	21:48:40.48	SZ							
	IAmb	21:48:41.04	SZ	0.062	1.9					
PVAQ	e P	21:48:38.56	BZ							
	IAmb	21:48:47.57	BZ	0.059	1.6					
MORF	e P	21:48:37.84	BZ							
	IAmb	21:49:03.01	BZ	0.088	1.8					
PBDV	e P	21:48:40.80	BZ							
	IAmb	21:49:18.69	BZ	0.082	1.6					
<hr/>										
02-Abr	Ho	23:40:12.4							ML	2.2
	Lat	36.983°N							Prof	15
	Lon	05.301°W							Rms	0.5
	Região:	SE Sevilha (ESP)							ErrZ	4
	AxMax	2.4	AxMin	1.9	Ang	6				
Est	Fase	P h:m:s	Dur	Co	Amp	Per				
PBAR	e Pn	23:40:41.68		HZ						
	e Sn	23:41:05.16		HN						
	IAML	23:41:13.77		HZ	0.013	0.4				
PVAQ	e Pn	d 23:40:43.80		HZ						
PBDV	e Pn	23:40:45.91		HZ						
	e Sn	23:41:11.76		HE						
	IAML	23:41:24.69		HZ	0.008	0.4				
PCVE	e Pn	23:40:48.03		HZ						
	IAML	23:41:33.66		HZ	0.009	0.5				
PBEJ	e Pn	23:40:48.12		EZ						
	e Sn	23:41:16.91		EN						
	IAML	23:41:36.24		EZ	0.006	0.6				
MESJ	e Pn	23:40:50.87		HZ						
	IAML	23:41:38.55		HZ	0.006	0.6				
PESTR	e Pn	23:40:52.97		HZ						
	e Sn	23:41:23.90		HN						
	e Sg	23:41:33.39		HE						
	IAML	23:41:39.57		HZ	0.007	0.4				
EVO	e Pn	23:40:53.63		HZ						
	e Sn	23:41:24.97		HE						
<hr/>										
02-Abr	Ho	23:42:41.9							ML	1.6
	Lat	37.005°N							Prof	14
	Lon	05.299°W							Rms	0.5
	Região:	SE Sevilha (ESP)							ErrZ	4
	AxMax	2.7	AxMin	2.4	Ang	138				
Est	Fase	P h:m:s	Dur	Co	Amp	Per				
PBAR	e Pn	23:43:11.23		HZ						
	e Sn	23:43:34.44		HE						
	e Sg	23:43:38.24		HN						
	IAML	23:43:42.12		HZ	0.002	0.7				
PVAQ	e Pn	23:43:12.82		HZ						
PBDV	e Pn	23:43:15.19		HZ						
	e Sn	23:43:41.02		HE						
PCVE	e Pn	23:43:17.05		HZ						
	e Sg	23:43:52.25		HE						
MESJ	e Pn	23:43:20.06		HZ						
	e Sg	23:43:59.25		HE						
PMRV	e Sn	23:44:00.41		HE						
	e Sg	23:44:12.63		HN						
	IAML	23:44:17.73		HZ	0.002	0.5				
<hr/>										
03-Abr	Ho	00:43:17.1							ML	1.1
	Lat	37.309°N							Prof	19
	Lon	08.520°W							Rms	0.4
	Região:	E Monchique							ErrZ	8
	AxMax	3.0	AxMin	2.7	Ang	142				
Est	Fase	P h:m:s	Dur	Co	Amp	Per				
MORF	e Pg	c 00:43:20.43		HZ						
	e Sg	00:43:23.33		HN						
	IAML	00:43:23.78		HZ	0.011	0.1				
PTEO	e Pg	d 00:43:23.34		EZ						
	e Sg	00:43:27.71		EN						
	IAML	00:43:28.34		EZ	0.009	0.5				
PFVI	e Pg	c 00:43:23.18		HZ						
	e Sg	00:43:27.59		HN						
	IAML	00:43:28.21		HZ	0.014	0.2				
PBDV	e Pg	00:43:26.45		HZ						
	e Sg	00:43:33.18		HE						
	IAML	00:43:34.74		HZ	0.007	0.3				
PCVE	e Pg	c 00:43:26.94		HZ						
	e Sg	00:43:33.78		HN						
	IAML	00:43:34.87		HZ	0.006	0.5				
MESJ	e Pg	00:43:28.32		HZ						
	e Sg	00:43:36.10		HN						
	IAML	00:43:37.12		HZ	0.006	0.3				



MTE	e pP	17:38:13.49	BZ							PMRV	e PP	10:14:23.87	BZ						
	I Amb	17:38:15.95	BZ	0.054	1.8					PESTR	e PP	10:14:36.72	BZ						
PCBR	e P	17:38:10.89	SZ							PMTG	e PP	10:14:33.72	BZ						
	e pP	17:38:13.76	SZ							PBAR	e PP	10:14:35.31	BZ						
	I Amb	17:38:28.79	SZ	0.043	1.4					EVO	e PP	10:14:33.80	BZ						
PCAB	e P	17:38:11.50	SZ							PCVE	e PP	10:14:40.97	BZ						
PMRV	e P	17:38:12.13	BZ							PVAQ	e PP	10:14:42.02	BZ						
	e pP	17:38:14.12	BZ							MORF	e PP	10:14:51.33	BZ						
PBAR	e P	17:38:11.08	BZ																
	e pP	17:38:14.52	BZ																
PVIS	e pP	17:38:15.00	BZ																
PESTR	e P	17:38:15.16	BZ																
	I Amb	17:38:17.09	BZ	0.038	1.2														
EVO	e P	17:38:19.67	BZ																
PBEJ	e P	17:38:18.56	SZ																
	I Amb	17:38:20.15	SZ	0.039	1.9														
PMTG	e P	17:38:19.70	BZ																
	I Amb	17:38:20.56	BZ	0.043	1.5														
PVAQ	e P	17:38:18.73	BZ																
	I Amb	17:38:24.60	BZ	0.052	1.6														
PCVE	e P	17:38:18.58	BZ																
	I Amb	17:38:23.04	BZ	0.049	1.1														
PBDV	e P	17:38:19.55	BZ																
	I Amb	17:38:23.55	BZ	0.068	1.2														
MESJ	e P	17:38:19.72	BZ																
PFVI	e P	17:38:27.12	BZ																
04-Abr	Ho	19:35:52.7																	
		Lat 36.849°N	Lon	10.996°W															
		Região: Gorringe																	
		AxMax 10.5	AxMin	4.9	Ang	83	ErrZ	14											
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PFVI	e P	c 19:36:19.35		HZ															
	e S	19:36:39.37		HN															
	I AML	19:36:48.39		HZ	0.009	0.8													
MORF	e P	19:36:21.71		HZ															
	e S	19:36:43.69		HE															
	I AML	19:36:50.08		HZ	0.004	0.5													
PTEO	e P	19:36:22.03		EZ															
	e S	19:36:44.03		EN															
	I AML	19:36:46.18		EZ	0.007	0.7													
MESJ	e P	19:36:28.50		HZ															
	e S	19:36:55.48		HE															
	I AML	19:36:56.51		HZ	0.003	0.7													
PBDV	e P	19:36:29.70		HZ															
	e S	19:36:57.93		HN															
PCVE	e P	19:36:29.45		HZ															
	e S	19:36:56.76		HN															
PMAFR	e S	19:36:57.39		HN															
PVAQ	e P	19:36:32.41		HZ															
	e S	19:37:01.85		HZ															
	I AML	19:37:08.06		HZ	0.003	0.3													
PBEJ	e S	19:37:03.30		EN															
EVO	e S	19:37:06.55		HE															
	I AML	19:37:09.42		HZ	0.004	0.3													
PMTG	e P	19:36:37.28		HZ															
	e S	19:37:12.53		HN															
	I AML	19:37:23.26		HZ	0.003	0.8													
PESTR	e S	19:37:17.87		HE															
PBAR	e P	19:36:42.50		HZ															
	e S	19:37:18.92		HE															
	I AML	19:37:21.91		HZ	0.002	0.8													
PCAS	e S	19:37:27.37		HE															
	I AML	19:37:33.62		HZ	0.003	0.9													
PMRV	e S	19:37:28.86		HE															
PCBR	e S	19:37:34.31		EN															
05-Abr	Ho	09:56:53.1																	
		Lat 30.449°N	Lon	138.634°E															
		Região: Southeast of Honshu, Japan																	
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PCAB	e PP	10:14:07.83		SZ															
MVO	e PP	10:14:08.00		BZ															
PVRL	e PP	10:14:18.21		SZ															
MTE	e PP	10:14:24.51		BZ															
PCBR	e PP	10:14:28.51		SZ															
COI	e PP	10:14:28.50		BZ															
PCAS	e PP	10:14:28.18		BZ															
05-Abr	Ho	16:14:16.9																	
		Lat 55.932°S	Lon	27.846°W															
		Região: South Sandwich Islands Region																	
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PMRV	e P	18:04:54.24		EZ															
	e LR	18:04:55.22		SZ															
	I AMs_20	16:27:04.83		BZ															
PGAV	e P	18:04:57.56		BZ															
	e LR	16:27:29.07		BZ															
	e S	16:37:35.01		LN															
	e SS	16:43:43.72		LE															
	I AMs_20	16:54:39.04		LZ															
	e T	16:58:18.50		LZ	3.782	20													
	e T	18:05:04.53		BZ															
	I AMs_20	16:27:07.62		BZ															
	I Amb	16:27:10.97		BZ	0.742	1.9													
	e P	16:27:32.51		BZ															
	I Amb	16:27:31.22		BZ															
	I Amb	16:27:34.30		BZ	0.180	1.7													
	e P	16:27:38.55		BZ															
	I AMs_20	16:27:35.23		SZ															
	e P	16:27:32.67		BZ															
	I Amb	16:27:36.36		BZ	0.152	1.7													
	e LR	16:58:48.45		LZ															
	I AMs_20	17:03:42.57		LZ	6.699	24													
	e P	16:27:33.18		BZ															
	I AMs_20	16:27:32.98		BZ															
	e P	16:28:06.64		BZ	0.125	1.5													
	I Amb	16:27:34.98		SZ															
	I Amb	16:27:57.96		SZ	0.090	1.7													
	e P	16:27:36.67		BZ															
	I Amb	16:27:42.83		BZ	0.118	1.7													
	e P	16:27:35.33		BZ															
	I Amb	16:27:40.19		BZ	0.095	2.0													
	e P	16:27:39.50		BZ															
	I Amb	16:27:42.37		BZ	0.136	1.8													
	e P	16:27:39.62		BZ															
	I AMs_20	16:27:41.28		BZ															
	e P	16:27:45.61		BZ	0.093	1.9													
	e S	16:38:56.92		LE															
	I AMs_20	16:59:14.75																	

MVO	IAMs_20	19:28:25.66	LZ	1.661	20	PCVE	e S	07:59:54.91	HN	
	e S	19:09:13.98	LE			EVO	e S	07:59:55.26	HN	
	e LR	19:24:26.42	LZ			PBDV	e S	07:59:59.32	HE	
	IAMs_20	19:28:34.90	LZ	1.840	22	PVIS	e S	08:00:00.40	HE	
PVAQ	e LR	19:23:59.76	LZ			PCBR	e S	08:00:05.12	EN	
	IAMs_20	19:29:10.92	LZ	0.944	22	PMRV	e S	08:00:07.49	HE	
<hr/>										
06-Abr						06-Abr	Ho	18:44:42.9	Distante (NEIC)	mb 4.9
Est	Fase	P h:m:s	Dur	Co	Amp Per		Lat	10.208°S	Lon 161.871°E	Prof 59
MVO	e Pn	04:46:02.56		HZ			Região: Solomon Islands			
	e Sn	04:47:12.61		HE		Est	Fase	P h:m:s	Dur	Co
	IAML	04:47:28.38		HZ	0.003 0.7	MVO	e PKP	19:04:21.63		BZ
PMRV	e Pn	04:46:22.76		HZ		PVRL	e PKP	19:04:22.09		SZ
	e Sn	04:47:47.62		HE		PVIS	e PKP	19:04:23.24		BZ
PESTR	e Pn	04:46:27.27		HZ		MTE	e PKP	19:04:23.93		BZ
	e Sn	04:47:57.67		HE		PCBR	e PKP	19:04:24.96		SZ
PBAR	e Pn	04:46:32.95		HZ		PMRV	e PKP	19:04:26.06		BZ
	e Sn	04:48:05.05		HE		PSBE	e PKP	19:04:26.68		BZ
PVAQ	e Pn	04:46:47.27		HZ		PMTG	e PKP	19:04:27.05		BZ
<hr/>										
06-Abr						EVO	e PKP	19:04:27.10		BZ
	Ho	05:54:14.5			ML 1.6	PBAR	e PKP	19:04:28.41		BZ
	Lat	36.568°N	Lon	07.958°W	Prof 35*	PBEJ	e PKP	19:04:26.82		BZ
	Região: Golfo de Cádiz				Rms 0.5	MESJ	e PKP	19:04:29.65		SZ
	AxMax	6.2	AxMin	3.8	Ang 76	ErrZ 0	PCVE	e PKP	19:04:30.73	BZ
Est	Fase	P h:m:s	Dur	Co	Amp Per	PVAQ	e PKP	19:04:31.16		BZ
PBDV	e P	05:54:26.37		HZ		PMAR	e PKP	19:04:31.60		BZ
	e S	05:54:35.38		HE		<hr/>				
	IAML	05:54:38.43		HZ	0.007 0.6	06-Abr	Ho	19:07:03.0		ML 1.7
PVAQ	e P	05:54:28.87		HZ			Lat	35.984°N	Lon	07.242°W
	IAML	05:54:41.77		HZ	0.009 0.2		Região: Mar de Marrocos			Prof 38*
PFVI	e P	05:54:29.16		HZ			AxMax	4.9	AxMin	2.4
	e S	05:54:40.79		HN		Est	Fase	P h:m:s	Dur	Co
	IAML	05:54:50.67		HZ	0.014 0.6	PBDV	e P	19:07:24.37		HZ
MORF	e P	05:54:29.72		HZ			e S	19:07:40.49		HN
	e S	05:54:40.19		HE			IAML	19:07:44.65		HZ
	IAML	05:54:41.67		HZ	0.007 1.0	PVAQ	e P	19:07:25.65		HZ
PCVE	e P	05:54:31.99		HZ			e S	19:07:42.88		HE
	e S	05:54:44.67		HN			IAML	19:07:43.85		HZ
	IAML	05:54:45.04		HZ	0.005 0.5	PFVI	e S	19:07:49.30		HE
PTEO	e P	05:54:33.14		EZ		PCVE	e P	19:07:29.88		HZ
	e S	05:54:47.12		EE			e S	19:07:50.02		HN
MESJ	e P	05:54:35.22		HZ			IAML	19:07:50.45		HZ
	e S	05:54:50.34		HN		MESJ	e P	19:07:33.46		HZ
	IAML	05:55:04.25		HZ	0.007 0.8		e S	19:07:55.88		HN
PBEJ	e S	05:54:54.32		EN			IAML	19:08:09.69		HZ
	IAML	05:54:57.29		EZ	0.002 0.2	PBEJ	e S	19:07:58.53		EE
PBAR	e P	05:54:42.22		HZ		PBAR	e P	19:07:36.25		HZ
	e S	05:55:01.36		HN			e S	19:08:00.03		HE
	IAML	05:55:17.42		HZ	0.002 0.8		IAML	19:08:09.35		HZ
EVO	e P	05:54:43.82		HZ		EVO	e P	19:07:41.84		HZ
	e S	05:55:06.79		HE			e S	19:08:10.41		HN
	IAML	05:55:08.94		HZ	0.003 0.3		IAML	19:08:13.06		HZ
PESTR	e P	05:54:49.68		HZ		PMTG	e P	19:07:49.45		HZ
	e S	05:55:15.07		HN			e S	19:08:24.54		HE
PMTG	e P	05:54:51.61		HZ			IAML	19:08:37.21		HZ
	e S	05:55:20.08		HN		PMRV	e P	19:07:52.77		HZ
	IAML	05:55:20.77		HZ	0.004 0.9		e S	19:08:31.16		HN
PMAFR	e P	05:54:53.88		HZ			IAML	19:08:32.87		HZ
	e S	05:55:23.10		HN		PCBR	e P	19:07:59.24		EZ
PMRV	e P	05:54:57.34		HZ			e S	19:08:41.60		EE
	e S	05:55:29.88		HN		<hr/>				
	IAML	05:55:34.48		HZ	0.002 0.8	06-Abr	Ho	21:28:55.1		ML 1.6
PSBE	e P	05:54:58.90		HZ			Lat	36.277°N	Lon	09.373°W
<hr/>										
06-Abr							Região: SW Cabo S.Vicente		Prof 10*	
Est	Fase	P h:m:s	Dur	Co	Amp Per		AxMax	10.9	AxMin	6.6
PMOZ	e P	07:56:26.75		HZ		Est	Fase	P h:m:s	Dur	Co
	e S	07:57:42.85		HN		PFVI	e S	21:29:25.33		HN
PMSOL	e P	07:56:27.99		SZ			IAML	21:29:27.74		HZ
	e S	07:57:46.28		SE		MORF	e P	21:29:16.64		HZ
PMAR	e P	07:56:31.62		HZ			e S	21:29:30.70		HE
	e S	07:57:48.51		H2			IAML	21:29:32.82		HZ
PMAFR	e S	07:59:34.09		HN		PTEO	e P	21:29:20.03		EZ
PTEO	e S	07:59:43.63		EE			e S	21:29:35.73		EE
MORF	e S	07:59:46.62		HN			IAML	21:29:36.89		EZ
PCAS	e S	07:59:49.83		HN		PBDV	e P	21:29:19.91		HZ
MESJ	e S	07:59:51.04		HE			e S	21:29:39.45		HN
PMTG	e S	07:59:52.80		HN			IAML	21:29:42.77		HZ
<hr/>										

PCVE	e S	21:29:44.74	HN							e S	05:02:00.03	HN							
	IAML	21:29:48.51	HZ	0.003	0.8					IAML	05:02:01.73	HZ	0.003	0.3					
PVAQ	e P	21:29:23.53	HZ							PVIS	e S	05:02:09.81	HE						
	IAML	21:29:48.91	HZ	0.003	1.0					MTE	e Sg	05:02:19.66	HE						
MESJ	e P	21:29:25.45	HZ																
	e S	21:29:46.89	HN							07-Abr	Ho	09:03:18.0					ML 2.0		
	IAML	21:29:53.85	HZ	0.004	0.7						Lat	36.789°N		Lon	09.463°W		Prof 27		
EVO	e S	21:30:02.61	HN								Região:	SW Cabo S.Vicente				Rms 0.4			
	IAML	21:30:04.21	HZ	0.004	1.0						AxMax	4.9		AxMin	3.4		Ang 52	ErrZ 6	
PBAR	e S	21:30:06.91	HE						Est	Fase	P	h:m:s		Dur	Co		Amp	Per	
	IAML	21:30:08.49	HZ	0.001	0.5				PFVI	i P	c	09:03:29.44			HZ				
PMTG	e P	21:29:39.71	HZ							e S		09:03:37.98			HE				
	e S	21:30:13.31	HN							IAML		09:03:38.90			HZ	0.063	0.		
	IAML	21:30:14.60	HZ	0.003	0.7				MORF	e P	c	09:03:32.45			HZ				
PMRV	e P	21:29:47.89	HZ							e S		09:03:43.29			HE				
	e S	21:30:27.55	HE							IAML		09:03:43.74			HZ	0.046	0.1		
	IAML	21:30:29.39	HZ	0.002	0.9				PTEO	e P		09:03:34.18			EZ				
PCBR	e S	21:30:35.80	EN							e S		09:03:46.05			EE				
										IAML		09:03:48.14			EZ	0.013	0.5		
06-Abr	Ho	21:55:01.5	Distante (NEIC)	Mw 6.3						PBDV	e P	c	09:03:39.11			HZ			
	Lat	06.849°S	Lon 125.043°E	Prof 538							e S		09:03:55.03			HN			
	Região:	Banda Sea									IAML		09:03:58.76			HZ	0.009	0.1	
Est	Fase	P	h:m:s	Dur	Co	Amp	Per			PCVE	e P		09:03:40.79			HZ			
MVO	e PKPdf	22:13:01.92		BZ							e S		09:03:57.51			HN			
PVRL	e PKPdf	22:13:03.69		SZ							IAML		09:04:00.04			HZ	0.010	0.8	
POLO	e PKPdf	22:13:03.38		BZ					MESJ	e P		09:03:40.89			HZ				
PCAB	e PKPdf	22:13:03.54		SZ						e S		09:03:58.15			HE				
PGAV	e PKPdf	22:13:03.24		BZ						IAML		09:04:00.46			HZ	0.011	0.2		
	e PP	22:15:04.62		BZ					PVAQ	e P	d	09:03:42.06			HZ				
MTE	e PKPdf	22:13:03.98		BZ						e S		09:04:00.00			HN				
	e PP	22:15:08.78		BZ						IAML		09:04:08.26			HZ	0.012	1.0		
PVIS	e PKPdf	22:13:03.89		BZ					PBEJ	e P		09:03:44.96			EZ				
PCBR	e PKPdf	22:13:04.22		SZ						e S		09:04:05.69			EE				
PMRV	e PKPdf	22:13:04.26		BZ						IAML		09:04:07.14			EZ	0.006	0.2		
	e PP	22:15:07.27		BZ					EVO	e P		09:03:49.56			HZ				
PBAR	e PKPdf	22:13:05.37		BZ						e S		09:04:13.22			HN				
	e PP	22:15:08.39		BZ						IAML		09:04:15.06			HZ	0.012	0.1		
PESTR	e PKPdf	22:13:05.26		BZ					PMAFR	e P		09:03:50.77			HZ				
COI	e PKPdf	22:13:02.69		BZ						e S		09:04:14.97			HN				
PCAS	e PP	22:15:12.04		BZ						IAML		09:04:16.21			HZ	0.014	0.2		
PMTG	e PKPdf	22:13:05.84		BZ					PBAR	e P		09:03:53.68			HZ				
EVO	e PKPdf	22:13:06.59		BZ						e S		09:04:19.97			HN				
	e PP	22:15:10.40		BZ						IAML		09:04:22.32			HZ	0.005	0.2		
PBEJ	e PKPdf	22:13:06.80		SZ					PMTG	e P		09:03:55.39			HZ				
	i -	22:15:33.25		SZ						e S		09:04:22.80			HE				
PVAQ	e PKPdf	22:13:07.02		BZ						IAML		09:04:25.51			HZ	0.003	0.3		
	i -	22:15:33.47		BZ					PSBE	e P		09:03:59.11			HZ				
PCVE	e PKPdf	22:13:06.83		BZ						e S		09:04:29.19			HZ				
	i -	22:15:33.98		BZ						IAML		09:04:45.23			HZ	0.006	0.8		
MESJ	e PKPdf	22:13:07.46		BZ					PMRV	e P		09:04:03.32			HZ				
	i -	22:15:34.22		BZ						e S		09:04:36.94			HE				
PBDV	i -	22:15:34.62		BZ						IAML		09:04:40.32			HZ	0.003	0.4		
PTEO	i -	22:15:35.78		SZ					PCAS	e S		09:04:42.36			HE				
MORF	e PKPdf	22:13:08.59		BZ					PCBR	e S		09:04:45.16			EE				
	i -	22:15:35.90		BZ						IAML		09:04:47.82			EZ	0.001	0.1		
PFVI	i -	22:15:36.72		BZ					PVIS	e S		09:05:01.96			HN				
PMAR	e PKPdf	22:13:21.35		BZ					MVO	e S		09:05:18.69			HE				
	i -	22:16:04.05		BZ					PGAV	e S		09:05:28.97			HN				
PMOZ	e PKPdf	22:13:26.64		BZ															
	i -	22:16:05.00		BZ					07-Abr	Ho	09:48:25.5						ML 1.4		
07-Abr	Ho	05:01:25.1								Lat	36.713°N		Lon	09.673°W			Prof 20		
	Lat	42.118°N	Lon 07.773°W							Região:	SE Ourense (ESP)					Rms 0.3			
	AxMax	2.7	AxMin 1.7	Ang 81						AxMax	6.1		AxMin 5.1	Ang 48		ErrZ 4			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per		Est	Fase	P	h:m:s	Dur	Co		Amp	Per		
PGAV	i Pg	c	05:01:32.58		HZ				PFVI	e P	c	09:48:40.07			HZ				
	e Sg		05:01:38.32		HN					e S		09:48:50.82			HN				
	IAML		05:01:38.84		HZ	0.006	0.2			IAML		09:48:51.91			HZ	0.008	0.1		
PCAB	e Pg	c	05:01:33.43		EZ				MORF	e P		09:48:43.09			HZ				
	e Sg		05:01:39.34		EE					e S		09:48:56.04			HN				
	IAML		05:01:44.17		EZ	0.008	0.1		PTEO	e P		09:48:44.67			EZ				
POLO	e Pg		05:01:39.32		HZ					e S		09:48:59.21			EE				
	e Sg		05:01:48.69		HE				PBDV	e S		09:49:07.89			HN				
	IAML		05:01:50.96		HZ	0.002	0.5		PCVE	e S		09:49:11.01			HN				
PVRL	e S		05:01:51.92		SE					IAML		09:49:16.60			HZ	0.003	0.6		
	IAML		05:01:53.81		SZ	0.005	0.1		MESJ	e P		09:48:51.52			HZ				
MVO	e P		05:01:45.61		HZ					e S		09:49:10.80			HE				
									PVAQ	e P		09:48:52.78			HZ				









MORF	IAML	11:19:38.13	HZ	0.010	0.1	PCVE	e P	07:07:03.75	HZ
	e Pn	11:19:11.64	HZ				e S	07:07:54.16	HN
	e Sn	11:19:38.26	HE			PESTR	e P	07:07:05.55	HZ
PFVI	IAML	11:19:39.80	HZ	0.012	0.3		e S	07:07:56.51	HN
	e Sn	11:19:40.32	HE			MESJ	e P	07:07:06.28	HZ
	IAML	11:19:58.42	HZ	0.011	0.2		e S	07:07:57.40	HN
PTEO	e Sn	11:19:42.10	EN			PMRV	e P	07:07:09.54	HZ
	IAML	11:19:44.52	EZ	0.010	0.8	MORF	e P	07:07:09.62	HZ
EVO	e Pn	11:19:15.03	HZ				e S	07:08:04.45	HE
	e Sn	11:19:45.13	HN			PTEO	e P	07:07:10.82	EZ
PMTG	e Pn	11:19:21.85	HZ				e S	07:08:06.14	EE
	e Sn	11:19:57.50	HE			PFVI	e P	07:07:11.38	HZ
	IAML	11:20:24.51	HZ	0.003	0.7		e S	07:08:07.52	HN
PCBR	e Pn	11:19:27.31	EZ			PCBR	e P	07:07:12.57	EZ
	e Sn	11:20:05.95	EE				e S	07:08:07.87	EE
	IAML	11:20:06.07	EZ	0.002	0.1	PMTG	e P	07:07:12.32	HZ
PMAFR	e Pn	11:19:29.07	HZ				e S	07:08:08.71	HN
	e Sn	11:20:08.96	HN			PSBE	e P	07:07:21.27	HZ
PSBE	e Pn	11:19:30.92	HZ			MVO	e P	07:07:22.94	HZ
MTE	e Pn	11:19:35.17	HZ				e S	07:08:25.85	HE
PCAS	e Pn	11:19:34.86	HZ			PVIS	e P	07:07:23.86	HZ
MVO	e Pn	11:19:43.73	HZ			POLO	e P	07:07:31.23	HZ
	e Sn	11:20:33.89	HE			PGAV	e P	07:07:39.82	HZ
	IAML	11:20:35.01	HZ	0.003	0.6				
PVRL	e Sn	11:20:40.51	SN			<b>11-Abr</b>	<b>Ho</b>	<b>07:15:10.6</b>	<b>ML 0.7</b>
	IAML	11:20:40.71	SZ	0.008	0.2		<b>Lat</b>	<b>37.282°N</b>	<b>Lon 08.569°W</b>
POLO	e Pn	11:19:48.17	HZ				<b>Região: SW Monchique</b>	<b>Prof 11</b>	<b>Rms 0.2</b>
	e Sn	11:20:41.94	HE				<b>AxMax 1.9 AxMin 1.7 Ang 12</b>	<b>ErrZ 4</b>	
	IAML	11:20:43.61	HZ	0.001	0.2	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>
PCAB	e Pn	11:19:53.17	EZ			MORF	e Pg	c 07:15:12.76	HZ
	e Sn	11:20:51.67	EN				e Sg	07:15:14.67	HE
PGAV	e Pn	11:19:58.78	HZ				IAML	07:15:14.95	HZ
	e Sn	11:20:59.18	HN						0.024 0.3
						PFVI	e Pg	07:15:15.64	HZ
							e Sg	07:15:19.18	HE
							IAML	07:15:19.66	HZ
									0.006 0.1
						PTEO	e Pg	07:15:16.07	EZ
							e Sg	07:15:20.38	EE
						PBDV	e Pg	07:15:20.43	HZ
							e Sg	07:15:26.95	HE
<b>11-Abr</b>	<b>Ho</b>	<b>00:39:14.5</b>				<b>ML 1.7</b>			
	<b>Lat</b>	<b>32.245°N</b>	<b>Lon</b>	<b>16.958°W</b>		<b>Prof 19</b>			
	<b>Região: S</b>	<b>Câmara de Lobos (Mdra)</b>	<b>Rms 0.3</b>						
	<b>AxMax 11.6 AxMin 9.4 Ang 163 ErrZ 40</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>			
FUL	e P	00:39:21.31	EZ						
	e S	00:39:26.14	EN						
	IAML	00:39:27.76	EZ	0.050	0.2				
PMSOL	e S	00:39:26.39	SN						
PMAR	e P	00:39:21.82	HZ						
	e S	00:39:27.57	H2						
	IAML	00:39:28.81	HZ	0.031	0.2				
PMOZ	e P	00:39:23.97	HZ						
	e S	00:39:31.16	HE						
	IAML	00:39:32.62	HZ	0.030	0.5				
PMPST	e P	00:39:28.58	HZ						
	e S	00:39:39.53	HE						
<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 P	04:14:03.26	HZ						
	IAML	04:14:48.57	HZ	0.002	0.6				
PBDV	e P	04:14:03.97	HZ						
	e S	04:14:46.97	HN						
PBAR	e P	04:14:06.66	HZ						
	e S	04:14:50.77	HE						
	IAML	04:14:54.65	HZ	0.001	1.2				
PCVE	e P	04:14:09.03	HZ						
MESJ	e P	04:14:10.44	HZ						
PTEO	e P	04:14:13.75	EZ						
PMTG	e P	04:14:23.34	HZ						
<b>11-Abr</b>	<b>Ho</b>	<b>07:05:56.4</b>				<b>ML 2.7</b>			
	<b>Lat</b>	<b>36.465°N</b>	<b>Lon</b>	<b>02.546°W</b>		<b>Prof 16</b>			
	<b>Região: Alboran</b>		<b>Rms 0.5</b>						
	<b>AxMax 3.3 AxMin 2.0 Ang 136 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 P	07:06:56.13	HZ						
	e S	07:07:44.07	HE						
	IAML	07:08:06.07	HZ	0.018	0.5				
PVAQ	e P	07:06:59.31	HZ						
	IAML	07:07:56.00	HZ	0.008	0.3				
PBDV	e P	07:07:02.59	HZ						
	e S	07:07:49.25	HN						
<b>11-Abr</b>	<b>Ho</b>	<b>08:18:21.4</b>				<b>Distante (NEIC)</b>			
	<b>Lat</b>	<b>40.410°N</b>	<b>Lon</b>	<b>143.300°E</b>		<b>Mw 6.0</b>			
	<b>Região: Off East Coast of Honshu, Japan</b>					<b>Prof 18</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	08:31:38.05	BZ						
	e PP	08:35:27.27	BZ						
	e S	08:42:15.02	LN						
	e LQ	09:01:02.28	LE						
	e LR	09:07:52.51	LZ						
	IAMs_20	09:23:55.69	LZ	6.667	16				
PCAB	e P	08:31:39.63	SZ						
MVO	e P	08:31:40.24	BZ						
	e PP	08:35:30.13	BZ						
	e S	08:42:14.11	LN						
	e LQ	09:01:32.98	LE						
	e LR	09:07:55.41	LZ						
	IAMs_20	09:25:41.28	LZ	5.669	18				
POLO	e P	08:31:39.99	BZ						
	e PP	08:35:29.38	BZ						
PVIS	e P	08:31:43.11	BZ						
	e PP	08:35:34.93	BZ						
MTE	e P	08:31:44.16	BZ						
	e PP	08:35:37.88	BZ						
	e S	08:42:26.49	LN						
	e LQ	09:03:12.31	LE						
	e LR	09:08:44.70	LZ						
	IAMs_20	09:24:01.22	LZ	6.532	18				
COI	e PP	08:35:40.46	BZ						
PCBR	e PP	08:35:36.96	SZ						
PCAS	e P	08:31:47.41	BZ						
	e PP	08:35:41.82	BZ						
PMRV	e P	08:31:48.53	BZ						
	e PP	08:35:44.12	BZ						
	e S	08:42:31.28	LE						
	e LQ	09:03:34.47	LE						
	e LR	09:09:05.13	LZ						
	IAMs_20	09:20:28.56	LZ	10.38	20				
PSBE	e P	08:31:52.70	BZ						



<b>12-Abr</b>	<b>Ho</b>	<b>09:14:45.5</b>			<b>ML 2.6</b>		
	<b>Lat</b>	<b>36.979°N</b>	<b>Lon</b>	<b>05.306°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>3.7</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 3</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>	
PBAR	e Pn	09:15:14.91		HZ			
	e Sn	09:15:37.67		HN			
	IAML	09:15:48.61		HZ	0.024	0.4	
PVAQ	e Pn	09:15:16.91		HZ			
	IAML	09:15:49.98		HZ	0.029	0.2	
PBDV	e Pn	09:15:19.22		HZ			
	e Sn	09:15:44.67		HE			
	IAML	09:15:46.96		HZ	0.017	0.2	
PCVE	e Pn	09:15:21.16		HZ			
	e Sg	09:15:56.28		HE			
	IAML	09:16:11.99		HZ	0.018	0.5	
MESJ	e Pn	09:15:24.03		HZ			
	e Sg	09:16:06.56		HN			
	IAML	09:16:11.30		HZ	0.016	0.2	
PESTR	e Pn	09:15:26.75		HZ			
	e Sn	09:15:57.32		HN			
	e Sg	09:16:07.47		HN			
	IAML	09:16:13.16		HZ	0.018	0.7	
EVO	e Pn	09:15:26.08		HZ			
	e Sn	09:16:00.26		HE			
	e Sg	09:16:09.29		HE			
MORF	e Pn	09:15:27.38		HZ			
	e Sn	09:15:59.80		HE			
	IAML	09:16:03.13		HZ	0.015	0.2	
	e Sg	09:16:10.02		HN			
PFVI	e Pn	09:15:28.66		HZ			
	e Sn	09:16:02.65		HE			
	IAML	09:16:03.82		HZ	0.014	0.3	
PMRV	e Pn	09:15:30.71		HZ			
	e Sn	09:16:05.88		HE			
	e Sg	09:16:18.83		HN			
	IAML	09:16:22.00		HZ	0.017	0.9	
PMTG	e Pn	09:15:33.60		HZ			
	e Sn	09:16:09.71		HE			
	e Sg	09:16:24.63		HE			
	IAML	09:16:33.38		HZ	0.017	0.7	
MVO	e Pn	09:15:50.36		HZ			
	e Sn	09:16:39.80		HN			

<b>12-Abr</b>	<b>Ho</b>	<b>09:24:42.58</b>					
	<b>Lat</b>	<b>36.979°N</b>	<b>Lon</b>	<b>05.306°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>3.7</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 3</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>	
PBAR	e Pn	09:24:42.58		HZ			
	e Sn	09:25:05.19		HE			
	e Sg	09:25:10.72		HE			
	IAML	09:25:20.46		HZ	0.002	0.7	
PVAQ	e Pn	09:24:44.57		HZ			

<b>12-Abr</b>	<b>Ho</b>	<b>09:27:15.88</b>					
	<b>Lat</b>	<b>36.979°N</b>	<b>Lon</b>	<b>05.306°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>3.7</b>	<b>AxMin</b>	<b>2.8</b>	<b>Ang 3</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>	
PBAR	e Pn	09:27:15.88		HZ			
	e Sn	09:27:39.96		HE			
PBDV	e Pn	09:27:20.17		HZ			
	e Sn	09:27:45.59		HE			
PCVE	e Pn	09:27:22.01		HZ			
	e Sg	09:27:57.31		HN			
MESJ	e Pn	09:27:24.86		HZ			
	e Sn	09:27:56.60		HE			

<b>12-Abr</b>	<b>Ho</b>	<b>09:29:39.6</b>			<b>ML 1.8</b>		
	<b>Lat</b>	<b>37.008°N</b>	<b>Lon</b>	<b>05.282°W</b>	<b>Prof 19</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.3</b>		
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>2.9</b>	<b>Ang 165</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	09:30:08.64		HZ			
	e Sn	09:30:32.87		HN			
	e Sg	09:30:38.56		HE			
	IAML	09:30:41.59		HZ	0.004	0.4	
PVAQ	e Pn	09:30:10.53		HZ			
PBDV	e Pn	09:30:12.83		HZ			
	e Sn	09:30:38.61		HN			
PCVE	e Pn	09:30:14.84		HZ			
	e Sg	09:30:50.85		HN			
	IAML	09:31:01.93		HZ	0.003	0.5	

MESJ	e Pn	09:30:17.66		HZ			
	e Sg	09:31:00.24		HE			
PMRV	e Pn	09:30:25.29		HZ			
	e Sn	09:30:58.09		HE			
	IAML	09:31:15.55		HZ	0.002	0.3	

<b>12-Abr</b>	<b>Ho</b>	<b>10:12:15.7</b>			<b>ML 2.0</b>		
	<b>Lat</b>	<b>37.011°N</b>	<b>Lon</b>	<b>05.511°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.5</b>		
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>2.4</b>	<b>Ang 165</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	10:12:42.64		HZ			
	e Sn	10:13:04.57		HN			
	e Sg	10:13:09.37		HE			
	IAML	10:13:13.44		HZ	0.008	0.6	
PBDV	e Pn	10:12:46.91		HZ			
	e Sn	10:13:10.65		HE			
	e Sg	10:13:16.76		HE			
	IAML	10:13:21.28		HZ	0.007	0.4	
PCVE	e Pn	10:12:48.71		HZ			
	e Sn	10:13:13.60		HN			
	e Sg	10:13:21.53		HN			
	IAML	10:13:30.21		HZ	0.006	0.6	
MESJ	e Pn	10:12:51.67		HZ			
	e Sn	10:13:19.77		HN			
	e Sg	10:13:28.17		HE			
	IAML	10:13:28.81		HZ	0.004	0.2	
PMRV	e Sg	10:13:42.83		HE			
PMTG	e Sn	10:13:36.58		HE			
	e Sg	10:13:48.98		HE			

<b>12-Abr</b>	<b>Ho</b>	<b>10:28:13.73</b>					
	<b>Lat</b>	<b>37.011°N</b>	<b>Lon</b>	<b>05.511°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.5</b>		
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>2.4</b>	<b>Ang 165</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	10:28:13.73		HZ			
	e Sn	10:28:35.48		HN			
	IAML	10:28:46.15		HZ	0.002	0.4	
PVAQ	e Pn	10:28:15.88		HZ			
PCVE	e Sg	10:28:52.30		HN			
MESJ	e Sg	10:28:59.20		HN			

<b>12-Abr</b>	<b>Ho</b>	<b>10:30:25.53</b>					
	<b>Lat</b>	<b>37.011°N</b>	<b>Lon</b>	<b>05.511°W</b>	<b>Prof 15</b>		
	<b>Região: SE Sevilha (ESP)</b>				<b>Rms 0.5</b>		
	<b>AxMax</b>	<b>3.3</b>	<b>AxMin</b>	<b>2.4</b>	<b>Ang 165</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>	
PVAQ	e Pn	10:30:25.53		HZ			
PCVE	e Pn	10:30:29.51		HZ			
	e Sg	10:31:02.20		HE			
MESJ	e Pn	10:30:32.37		HZ			
	e Sg	10:31:08.87		HN			
PBAR	e Sg	10:30:48.09		HN			
	IAML	10:30:53.45		HZ	0.004	0.3	

<b>12-Abr</b>	<b>Ho</b>	<b>11:44:46.6</b>			<b>ML 1.5</b>		
	<b>Lat</b>	<b>38.651°N</b>	<b>Lon</b>	<b>09.144°W</b>	<b>Prof 13</b>		
	<b>Região: SE Almada</b>				<b>Rms 0.4</b>		
	<b>AxMax</b>	<b>4.4</b>	<b>AxMin</b>	<b>4.3</b>	<b>Ang 66</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</i>	<i>Per</i>	
GGNV	i Pg	11:44:48.44		HZ			
	e Sg	11:44:50.85		HN			
PMAFR	e Pg	11:44:52.28		HZ			
	e Sg	11:44:57.38		HE			
	IAML	11:44:58.17		HZ	0.035	0.2	
PMTG	e P	11:45:01.59		HZ			
	e S	11:45:13.09		HN			
	IAML	11:45:14.66		HZ	0.006	0.2	
EVO	e S	11:45:14.52		HE			
	IAML	11:45:15.63		HZ	0.007	0.5	
PSBE	e P	11:45:03.53		HZ			
MESJ	e P	11:45:05.31		HZ			
	e S	11:45:20.24		HE			
	IAML	11:45:20.90		HZ	0.008	0.3	
PCVE	e Pn	11:45:09.76		HZ			
	e Sn	11:45:27.63		HE			
	IAML	11:45:29.65		HZ	0.004	0.2	
MORF	e Pn	11:45:11.25		HZ			
	e Sn	11:45:27.86		HE			
	IAML	11:45:31.12		HZ	0.010	0.2	
PCAS	e Sg	11:45:33.05		HE			
PFVI	e Pg	11:45:14.24		HZ			
	e Sn	11:45:31.87		HE			

PMRV	e Pg	11:45:14.44	HZ	0.002	0.2	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
	e Sg	11:45:34.97	HE											
	IAML	11:45:37.71	HZ											
PVAQ	e Pg	11:45:15.86	HZ				e LQ	15:58:56.84	LN					
PBDV	e Pg	11:45:16.78	HZ				e LR	15:59:05.98	LZ					
	e Sg	11:45:39.77	HE				IAMs_20	16:17:04.15	LZ	3.268	20			
PBAR	e Pn	11:45:15.58	HZ	0.002	0.4	MVO	e PKPdf	15:10:56.32	BZ					
	e Sg	11:45:38.24	HE				e SKPbc	15:14:29.46	BZ					
	IAML	11:45:45.33	HZ				e SS	15:32:49.55	LN					
							e LR	15:59:13.95	LZ					
12-Abr	Ho	11:40:49.0	Distante (NEIC)	Mw	6.8	POLO	IAMs_20	16:16:03.95	LZ	5.243	20			
	Lat	01.850°S	Lon	122.550°E	Prof		18	e PKPdf	15:10:56.97	BZ				
	Região: Sulawesi, Indonesia													
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	PVIS	e PKPdf	15:10:57.71	BZ				
MVO	e PKPdf	11:59:40.75	BZ				MTE	e SKPab	15:14:31.32	BZ				
	IAMs_20	12:59:33.45	LZ	24.54	22			e PKPdf	15:10:56.58	BZ				
PCAB	e PKPdf	11:59:41.94	SZ					e SKPbc	15:14:31.72	BZ				
POLO	e PKPdf	11:59:41.67	BZ					e SS	15:33:09.64	LN				
PVRL	e PKPdf	11:59:41.62	SZ					e LQ	15:57:01.00	LN				
PGAV	e PKPdf	11:59:41.51	BZ	24.11	20		e LR	15:59:34.82	LZ					
	IAMs_20	13:00:06.45	LZ			IAMs_20	16:16:39.18	LZ	4.818	20				
MTE	e PKPdf	11:59:43.13	BZ	19.68	22	PCBR	e PKPdf	15:10:58.67	SZ					
	IAMs_20	12:59:43.80	LZ			e SKPbc	15:14:32.46	SZ						
PVIS	e PKPdf	11:59:42.81	BZ			PMRV	e PKPdf	15:10:59.06	BZ					
PCBR	e PKPdf	11:59:42.42	SZ				e SKPbc	15:14:33.37	BZ					
PMRV	e PKPdf	11:59:42.10	BZ	18.09	22		e LR	15:59:51.80	LZ					
	IAMs_20	12:58:42.64	LZ			IAMs_20	16:16:48.96	LZ	3.093	22				
PBAR	e PKPdf	11:59:43.80	BZ			PCAS	e PKPdf	15:10:58.50	BZ					
PESTR	e PKPdf	11:59:44.27	BZ			PMTG	e PKPdf	15:10:59.06	BZ					
PCAS	e PKPdf	11:59:43.94	BZ				e SKPbc	15:14:34.81	BZ					
PMTG	e PKPdf	11:59:43.30	BZ			PBAR	e PKPdf	15:11:00.32	BZ					
EVO	e PKPdf	11:59:45.24	BZ				e SKPbc	15:14:34.72	BZ					
PBEJ	e PKPdf	11:59:44.71	SZ			EVO	e PKPdf	15:11:04.28	BZ					
PVAQ	e PKPdf	11:59:43.83	BZ	15.26	22	MESJ	e PKPdf	15:11:02.85	BZ					
	IAMs_20	12:56:33.93	LZ			e SKPbc	15:14:37.60	BZ						
PCVE	e PKPdf	11:59:43.70	BZ			PCVE	e SKPbc	15:14:37.37	BZ					
MESJ	e PKPdf	11:59:44.80	BZ			PVAQ	IAMs_20	16:16:57.21	LZ	2.133	20			
PBDV	e PKPdf	11:59:46.09	BZ			MORF	e PKPdf	15:11:03.11	BZ					
MORF	e PKPdf	11:59:47.47	BZ			PMOZ	IAMs_20	16:23:16.35	LZ	1.667	20			
PMOZ	IAMs_20	13:03:59.25	LZ	12.92	20									
12-Abr	Ho	12:23:03.0	Distante (NEIC)	mb	5.8	12-Abr	Ho	19:24:34.0	Distante (IPMA)					
	Lat	15.400°S	Lon	172.720°W	Prof		10	Lat	21.470°N	Lon	45.610°W	Prof	10	
	Região: Samoa Islands Region													
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PGAV	e PKPdf	12:42:49.52	BZ				PMOZ	e T	19:58:53.28	HZ				
PCAB	e PKPdf	12:42:51.68	SZ				PMSOL	e T	19:58:58.58	SZ				
PTO	e PKPdf	12:42:51.70	SZ				PMAR	e T	19:59:00.98	HZ				
POLO	e PKPdf	12:42:51.51	BZ				MORF	e P	19:31:33.54	BZ				
PVRL	e PKPdf	12:42:50.66	SZ				EVO	e P	19:31:40.27	BZ				
MVO	e PKPdf	12:42:52.32	BZ				PMTG	e P	19:31:37.52	BZ				
PVIS	e PKPdf	12:42:52.69	BZ	0.027	1.5		IAmb	19:31:41.05	BZ					
	e PKPdf	12:42:52.32	BZ			PBAR	e P	19:31:42.98	BZ					
PMOZ	e PKPdf	12:42:53.00	BZ			PMRV	e P	19:31:43.98	BZ					
PCAS	e PKPdf	12:42:54.07	BZ				IAmb	19:31:50.82	BZ	0.018	1.3			
MTE	e PKPdf	12:42:52.86	BZ			PCBR	e P	19:31:45.23	SZ					
PMSOL	e PKPdf	12:42:51.30	SZ				IAmb	19:31:47.62	SZ	0.022	1.4			
PMAR	e PKPdf	12:42:51.43	BZ			MTE	e P	19:31:45.89	BZ					
PSBE	e PKPdf	12:42:50.36	BZ				IAmb	19:31:53.72	BZ	0.031	1.4			
PMPST	e PKPdf	12:42:53.00	BZ			PGAV	e P	19:31:45.95	BZ					
PCBR	e PKPdf	12:42:53.68	SZ			POLO	e P	19:31:47.01	BZ					
PMTG	e PKPdf	12:42:53.84	BZ				IAmb	19:31:48.62	BZ	0.013	1.8			
PMRV	e PKPdf	12:42:54.11	BZ			MVO	e P	19:31:54.16	BZ					
PESTR	e PKPdf	12:42:54.82	BZ											
EVO	e PKPdf	12:42:49.53	BZ			12-Abr	Ho	20:30:07.0				ML	2.0	
MESJ	e PKPdf	12:42:55.61	BZ				Lat	37.904°N	Lon	03.191°W			Prof	11
PTEO	e PKPab	12:43:15.40	SZ				Região: NW Almeria (ESP)							
PBEJ	e PKPdf	12:42:53.63	SZ				AxMax	2.4	AxMin	1.5	Ang	80	ErrZ	3
MORF	e PKPdf	12:42:56.37	BZ			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBAR	e PKPdf	12:42:53.46	BZ			PBAR	e Pn	20:30:53.58	HZ					
PCVE	e PKPab	12:43:16.41	BZ				e Pg	20:31:01.78	HZ					
PFVI	e PKPdf	12:42:56.73	BZ				e Sn	20:31:29.34	HN					
PVAQ	e PKPdf	12:42:56.03	BZ	0.003	0.3		e Sg	20:31:40.53	HN					
	e PKPab	12:43:19.47	BZ			IAML	20:31:48.67	HZ						
PBDV	e PKPdf	12:42:51.87	BZ			PESTR	e Sn	20:31:42.36	HE					
							e Sg	20:31:58.69	HE					
						PMRV	e Pg	20:31:13.38	HZ					
12-Abr	Ho	14:51:28.0	Distante (NEIC)	Mw	5.9		e Sn	20:31:43.39	HE					
	Lat	06.399°S	Lon	148.668°E	Prof	10	e Sg	20:32:00.03	HE					
Região: New Britain Region, P.N.G.														

	IAML	20:32:03.24	HZ	0.005	0.6		<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PVAQ	e Pn	20:31:01.83	HZ				PBAR	e Pn	06:38:15.77		HZ					
PCVE	e Pn	20:31:04.80	HZ					e Sn	06:38:37.62		HN					
PMTG	e Sn	20:31:54.68	HE					IAML	06:38:45.93		HZ	0.007	0.3			
	e Sg	20:32:17.58	HE				PVAQ	e Pn	06:38:17.68		HZ					
	IAML	20:32:23.14	HZ	0.002	0.6			e Sn	06:38:44.54		HZ					
								IAML	06:38:52.98		HZ	0.008	0.4			
13-Abr	Ho	00:42:12.9				ML 1.0	PBDV	e Pn	06:38:19.90		HZ					
	Lat	36.738°N	Lon	07.204°W		Prof 20		e Pg	06:38:23.80		HZ					
	Região:	Golfo de Cádiz				Rms 0.2		e Sn	06:38:44.20		HN					
	AxMax	5.3	AxMin	3.6	Ang	3		e Sg	06:38:48.81		HE					
						ErrZ 3		IAML	06:39:01.67		HZ	0.006	0.5			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>		<i>Amp</i>	<i>Per</i>									
PBDV	e P	00:42:26.79	HZ					PCVE	e Pn	06:38:21.93	HZ					
	e S	00:42:37.08	HN					e Sn	06:38:46.33		HN					
	IAML	00:42:38.02	HZ	0.002	0.2			e Sg	06:38:52.88		HN					
PVAQ	e P	00:42:27.16	HZ					IAML	06:39:01.17		HZ	0.004	0.5			
	e S	00:42:38.12	HZ					MESJ	e Pn	06:38:24.77	HZ					
	IAML	00:42:38.85	HZ	0.002	0.1			e Sn	06:38:52.77		HN					
PCVE	e S	00:42:46.50	HE					e Sg	06:38:59.90		HN					
MORF	e S	00:42:48.93	HN					IAML	06:39:02.05		HZ	0.004	0.2			
	IAML	00:42:50.36	HZ	0.002	0.4			PESTR	e Sn	06:38:56.61	HE					
MESJ	e P	00:42:35.28	HZ					e Sg	06:39:04.35		HE					
	e S	00:42:52.43	HN					EVO	e Pn	06:38:25.10	HZ					
PBAR	e Pn	00:42:36.46	HZ					e Sn	06:38:56.98		HN					
	e Sn	00:42:54.00	HN					e Sg	06:39:06.72		HN					
	IAML	00:42:58.57	HZ	0.001	0.2			IAML	06:39:10.75		HZ	0.005	0.2			
	e Sg	00:42:59.48	HE					MORF	e Pn	06:38:27.46	HZ					
PTEO	e Sn	00:42:54.61	EN					e Sn	06:38:57.72		HN					
PMTG	e Pn	00:42:50.64	HZ					e Sg	06:39:08.16		HN					
PMRV	e Pn	00:42:54.97	HZ					IAML	06:39:11.61		HZ	0.005	0.2			
								PTEO	e Pn	06:38:29.09	EZ					
13-Abr	Ho	04:06:41.5				ML 1.5		e Sn	06:39:00.89		EN					
	Lat	36.604°N	Lon	09.709°W		Prof 19		PFVI	e Pn	06:38:30.01	HZ					
	Região:	SW Cabo S.Vicente				Rms 0.4		e Sn	06:39:00.53		HN					
	AxMax	8.4	AxMin	7.0	Ang	77		IAML	06:39:16.66		HZ	0.005	0.6			
						ErrZ 6										
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>		<i>Amp</i>	<i>Per</i>									
PFVI	e P	04:06:57.27	HZ					PMRV	e Pn	06:38:31.65	HZ					
	e S	04:07:09.38	HN					e Sg	06:39:15.76		HN					
	IAML	04:07:10.48	HZ	0.007	0.4			IAML	06:39:24.82		HZ	0.004	0.6			
MORF	e P	04:07:00.39	HZ					PMTG	e Pn	06:38:34.50	HZ					
	e S	04:07:14.67	HN					e Sn	06:39:09.23		HE					
	IAML	04:07:15.46	HZ	0.006	0.3			e Sg	06:39:22.00		HE					
PTEO	e S	04:07:17.97	EN					IAML	06:39:28.54		HZ	0.003	0.2			
	IAML	04:07:23.87	EZ	0.005	0.7			13-Abr	Ho	07:10:42.8			ML 1.8			
PBDV	e P	04:07:06.79	HZ						Lat	37.008°N			Lon	05.506°W		Prof 11
	e S	04:07:25.90	HE							Região:	SE Sevilha (ESP)				Rms 0.5	
	IAML	04:07:29.02	HZ	0.002	0.3					AxMax	3.9	AxMin	2.4	Ang	150	ErrZ 5
PCVE	e P	04:07:08.78	HZ					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
	e S	04:07:29.64	HN					PBAR	e Pn	07:11:10.41		HZ				
	IAML	04:07:33.13	HZ	0.002	0.3			e Sn	07:11:30.36		HN					
MESJ	e P	04:07:08.70	HZ					e Sg	07:11:36.55		HE					
	e S	04:07:29.70	HE					IAML	07:11:40.97		HZ	0.005	0.6			
	IAML	04:07:32.56	HZ	0.002	0.7			PVAQ	e Pn	07:11:12.36		HZ				
PVAQ	e P	04:07:09.75	HZ					e Sn	07:11:33.97		HZ					
	e S	04:07:31.34	HZ					e Sg	07:11:39.47		HZ					
	IAML	04:07:33.14	HZ	0.003	0.3			IAML	07:11:47.44		HZ	0.006	0.4			
PBEJ	e S	04:07:37.62	EE					PBDV	e Pn	07:11:14.25		HZ				
EVO	e S	04:07:44.19	HN					e Sn	07:11:38.96		HN					
	IAML	04:07:44.78	HZ	0.003	0.1			e Sg	07:11:44.42		HN					
PMAFR	e S	04:07:45.04	HE					IAML	07:11:56.02		HZ	0.005	0.5			
	IAML	04:07:51.07	HZ	0.009	0.5			PCVE	e Pn	07:11:16.30		HZ				
PBAR	e P	04:07:21.52	HZ					e Pg	07:11:23.28		HZ					
	e S	04:07:51.81	HE					e Sn	07:11:43.42		HN					
	IAML	04:07:55.56	HZ	0.001	1.1			e Sg	07:11:48.28		HN					
PMTG	e P	04:07:22.61	HZ					IAML	07:11:57.78		HZ	0.004	0.6			
	e S	04:07:53.34	HE					PBEJ	e Sg	07:11:48.13		EN				
	IAML	04:07:54.97	HZ	0.001	0.4			MESJ	e Pn	07:11:18.98		HZ				
PESTR	e P	04:07:23.16	HZ					e Sg	07:11:54.23		HN					
	e S	04:07:55.66	HN					IAML	07:12:04.37		HZ	0.003	0.7			
	IAML	04:08:10.83	HZ	0.002	0.6			EVO	e Sn	07:11:52.17		HN				
PMRV	e P	04:07:31.08	HZ					e Sg	07:12:00.62		HN					
	e S	04:08:08.08	HE					MORF	e Sn	07:11:52.51		HN				
	IAML	04:08:10.27	HZ	0.001	0.3			e Sg	07:12:03.17		HN					
								IAML	07:12:07.79		HZ	0.004	0.2			
13-Abr	Ho	06:37:48.6				ML 1.9		PTEO	e Pn	07:11:23.39		EZ				
	Lat	37.022°N	Lon	05.526°W		Prof 11		e Sn	07:11:55.40		EN					
	Região:	SE Sevilha (ESP)				Rms 0.5		e Sg	07:12:05.25		EN					
	AxMax	4.1	AxMin	3.1	Ang	167		PFVI	e Sn	07:11:54.33		HN				
						ErrZ 5										

[illegible]







<b>15-Abr</b>	<b>Ho</b>	<b>05:15:50.0</b>	<b>Distante (IPMA)</b>				
	<b>Lat</b>	<b>33.730°N</b>	<b>Lon</b>	<b>38.360°W</b>	<b>Prof</b>	<b>10</b>	
	<b>Região: Northern Mid-Atlantic Ridge</b>						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PMOZ	e S	05:23:32.31		LN			
	IAMS_20	05:24:55.33		LZ	0.631	20	
PMAR	e P	05:19:55.87		BZ			
	IAMB	05:19:57.22		BZ	0.294	1.8	
PFVI	e P	05:21:09.26		BZ			
MORF	e P	05:21:05.45		BZ			
	IAMB	05:21:06.56		BZ	0.042	1.6	
PCAS	e P	05:21:10.16		BZ			
	IAMB	05:21:51.89		BZ	0.046	1.7	
COI	e P	05:21:09.32		BZ			
	IAMB	05:21:12.06		BZ	0.085	1.6	
PMTG	e P	05:21:08.22		BZ			
	IAMB	05:21:55.45		BZ	0.031	1.8	
PCVE	e P	05:21:10.31		BZ			
	IAMB	05:21:14.37		BZ	0.029	1.8	
EVO	e P	05:21:10.39		BZ			
	IAMB	05:21:18.02		BZ	0.029	1.8	
PBDV	e P	05:21:12.58		BZ			
PGAV	IAMS_20	05:29:06.01		LZ	0.275	18	
PVAQ	IAMS_20	05:28:39.75		LZ	0.349	20	
PVIS	e P	05:21:17.83		BZ			
PESTR	e P	05:21:13.74		BZ			
	IAMB	05:21:16.00		BZ	0.023	1.3	
MTE	e S	05:25:48.86		LN			
	IAMS_20	05:28:57.93		LZ	0.373	20	
PCBR	e P	05:21:16.47		SZ			
	IAMB	05:21:26.44		SZ	0.032	1.8	
PMRV	e P	05:21:15.19		BZ			
	IAMB	05:21:18.21		BZ	0.029	1.2	
	IAMS_20	05:29:01.04		LZ	0.203	20	
PBAR	e P	05:21:18.19		BZ			
	IAMB	05:21:27.91		BZ	0.030	1.7	
MVO	e S	05:26:50.38		LN			
	IAMS_20	05:29:13.15		LZ	0.295	20	

<b>15-Abr</b>	<b>Ho</b>	<b>11:52:04.9</b>	<b>ML</b>	<b>1.7</b>			
	<b>Lat</b>	<b>37.036°N</b>	<b>Lon</b>	<b>08.463°W</b>	<b>Prof</b>	<b>17</b>	
	<b>Região: S Lagoa</b>						
	<b>AxMax</b>	<b>3.1</b>	<b>AxMin</b>	<b>3.0</b>	<b>Ang</b>	<b>168</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>	
PFVI	e Pg	11:52:10.68		HZ			
	Sg	11:52:15.34		HN			
	IAML	11:52:16.50		HZ	0.024	0.1	
MORF	i Pg	d 11:52:11.24		HZ			
	Sg	11:52:16.06		HE			
	IAML	11:52:16.56		HZ	0.057	0.1	
PBDV	e Pg	c 11:52:14.02		HZ			
	Sg	11:52:20.63		HE			
	IAML	11:52:22.09		HZ	0.020	0.2	
PTEO	e Pg	d 11:52:15.30		EZ			
	Sg	11:52:23.07		EE			
	IAML	11:52:23.65		EZ	0.015	0.1	
PCVE	e P	11:52:17.59		HZ			
	S	11:52:26.97		HE			
	IAML	11:52:28.04		HZ	0.014	0.3	
PVAQ	e P	11:52:17.54		HZ			
	S	11:52:27.67		HE			
	IAML	11:52:28.04		HZ	0.012	0.3	
MESJ	e P	11:52:19.69		HZ			
	S	11:52:30.60		HN			
	IAML	11:52:32.38		HZ	0.034	0.3	
PBEJ	e S	11:52:38.42		EN			
	IAML	11:52:39.86		EZ	0.006	0.2	
EVO	e Pn	11:52:29.82		HZ			
	Sg	11:52:51.76		HE			
	IAML	11:52:54.77		HZ	0.007	0.1	
PBAR	e Pn	11:52:30.87		HZ			
	Sg	11:52:54.98		HN			
	IAML	11:52:57.63		HZ	0.003	0.4	
PMTG	e Sn	11:53:00.76		HE			
	Sg	11:53:07.84		HE			
	IAML	11:53:10.94		HZ	0.003	0.4	
PMRV	e Pn	11:52:42.68		HZ			

e Sn	11:53:12.84	HN		
e Sg	11:53:22.45	HN		
IAML	11:53:25.63	HZ	0.004	0.5

<b>15-Abr</b>	<b>Ho</b>	<b>11:58:10.0</b>	<b>ML</b>	<b>1.5</b>			
	<b>Lat</b>	<b>36.550°N</b>	<b>Lon</b>	<b>07.579°W</b>	<b>Prof</b>	<b>34*</b>	
	<b>Região: Golfo de Cádiz</b>						
	<b>AxMax</b>	<b>4.5</b>	<b>AxMin</b>	<b>2.9</b>	<b>Ang</b>	<b>5</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>	
PBDV	e P	c 11:58:22.98		HZ			
	S	11:58:32.89		HE			
	IAML	11:58:34.82		HZ	0.005	0.3	
PVAQ	e P	11:58:24.45		HZ			
	S	11:58:35.50		HE			
	IAML	11:58:35.74		HZ	0.013	0.3	
MORF	e P	11:58:28.45		HZ			
	S	11:58:42.46		HN			
	IAML	11:58:43.63		HZ	0.005	0.1	
PCVE	e P	11:58:28.92		HZ			
	S	11:58:42.84		HN			
	IAML	11:58:43.54		HZ	0.004	0.6	
PFVI	e S	11:58:42.67		HE			
PTEO	e P	11:58:31.49		EZ			
	S	11:58:47.37		EE			
MESJ	e P	c 11:58:31.82		HZ			
	S	11:58:48.36		HN			
	IAML	11:58:49.80		HZ	0.003	0.1	
PBAR	e P	11:58:35.69		HZ			
	S	11:58:54.80		HN			
EVO	e P	11:58:40.66		HZ			
	S	11:59:03.83		HN			
	IAML	11:59:05.88		HZ	0.003	0.3	
PMTG	e P	11:58:48.13		HZ			
	S	11:59:15.93		HE			
	IAML	11:59:19.46		HZ	0.002	0.8	
PMAFR	e S	11:59:22.45		HN			
PMRV	e P	11:58:52.10		HZ			
	S	11:59:24.19		HE			

<b>15-Abr</b>	<b>Ho</b>	<b>16:18:58.4</b>	<b>ML</b>	<b>1.4</b>			
	<b>Lat</b>	<b>37.167°N</b>	<b>Lon</b>	<b>05.469°W</b>	<b>Prof</b>	<b>0*</b>	
	<b>Região: SE Sevilha (ESP)</b>						
	<b>AxMax</b>	<b>2.2</b>	<b>AxMin</b>	<b>1.9</b>	<b>Ang</b>	<b>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>	
PBAR	e Pg	16:19:27.58		HZ			
	Sg	16:19:49.85		HE			
	IAML	16:19:52.16		HZ	0.002	0.3	
PVAQ	e Pg	16:19:30.98		HZ			
	IAML	16:19:56.35		HZ	0.003	0.3	
PBDV	e Pn	16:19:30.25		HZ			
	Sn	16:19:53.94		HE			
PMTG	e Sg	16:20:30.03		HE			

<b>15-Abr</b>	<b>Ho</b>	<b>23:42:55.3</b>	<b>Distante (NEIC)</b>	<b>mb</b>	<b>5.3</b>		
	<b>Lat</b>	<b>10.403°S</b>	<b>Lon</b>	<b>161.366°E</b>	<b>Prof</b>	<b>35</b>	
	<b>Região: Solomon 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>	
PGAV	e PKP	24:02:35.52		BZ			
PCAB	e PKP	24:02:35.67		SZ			
MVO	e PKP	24:02:36.81		BZ			
POLO	e PKP	24:02:36.91		BZ			
PVRL	e PKP	24:02:36.94		SZ			
PVIS	e PKP	24:02:38.10		BZ			
MTE	e PKP	24:02:38.91		BZ			
COI	e PKP	24:02:37.35		BZ			
PCBR	e PKP	24:02:40.16		SZ			
PMRV	e PKP	24:02:40.51		BZ			
PMTG	e PKP	24:02:41.69		BZ			
EVO	e PKP	24:02:42.23		BZ			
PBAR	e PKP	24:02:43.14		BZ			
PBEJ	e PKP	24:02:44.98		SZ			
MESJ	e PKP	24:02:44.95		BZ			
PCVE	e PKP	24:02:45.21		BZ			
MORF	e PKP	24:02:47.21		BZ			

<b>16-Abr</b>	<b>Ho</b>	<b>03:19:30.5</b>	<b>Distante (NEIC)</b>	<b>mb 4.7</b>			
	<b>Lat</b>	<b>08.099°S</b>	<b>Lon</b>	<b>71.674°W</b>	<b>Prof</b>	<b>584</b>	
<b>Região: Western Brazil</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 P	03:29:19.44		BZ			
	I Amb	03:29:20.03		BZ	0.172	0.7	
PMAR	e P	03:29:21.05		BZ			
	I Amb	03:29:52.25		BZ	0.134	1.8	
PMPST	e P	03:29:22.46		BZ			
	I Amb	03:29:25.00		BZ	0.154	1.9	
PFVI	e P	03:30:07.70		BZ			
MORF	e P	03:30:09.00		BZ			
	I Amb	03:30:10.93		BZ	0.112	1.7	
PTEO	e P	03:30:09.23		SZ			
	I Amb	03:30:11.72		SZ	0.093	1.3	
GGNV	e P	03:30:08.96		BZ			
PBDV	e P	03:30:11.90		BZ			
	I Amb	03:30:13.68		BZ	0.091	1.6	
MESJ	e P	03:30:11.82		BZ			
	I Amb	03:30:12.82		BZ	0.039	1.9	
PCVE	e P	03:30:12.19		BZ			
	I Amb	03:30:12.92		BZ	0.075	0.8	
PVAQ	e P	03:30:12.90		BZ			
	I Amb	03:30:13.82		BZ	0.041	1.6	
PSBE	e P	03:30:12.98		BZ			
PBEJ	e P	03:30:13.59		SZ			
	I Amb	03:30:14.23		SZ	0.029	0.8	
EVO	e P	03:30:13.61		BZ			
	I Amb	03:30:14.42		BZ	0.038	1.0	
PMTG	e P	03:30:13.94		BZ			
	I Amb	03:30:15.17		BZ	0.062	1.3	
PCAS	e P	03:30:15.03		BZ			
COI	e P	03:30:15.93		BZ			
	I Amb	03:30:16.97		BZ	0.142	1.0	
PESTR	e P	03:30:16.07		BZ			
	I Amb	03:30:17.47		BZ	0.058	1.3	
PBAR	e P	03:30:16.95		BZ			
	I Amb	03:30:21.89		BZ	0.036	1.5	
PMRV	e P	03:30:17.51		BZ			
	I Amb	03:30:26.40		BZ	0.027	1.7	
PCBR	e P	03:30:18.13		SZ			
	I Amb	03:30:19.30		SZ	0.039	1.2	
PVIS	e P	03:30:18.44		BZ			
MTE	e P	03:30:19.22		BZ			
	I Amb	03:30:19.87		BZ	0.064	0.7	
PGAV	e P	03:30:19.88		BZ			
	I Amb	03:30:21.51		BZ	0.081	1.5	
PCAB	e P	03:30:20.09		SZ			
POLO	e P	03:30:20.44		BZ			
PVRL	e P	03:30:20.42		SZ			
	I Amb	03:30:21.37		SZ	0.048	1.2	
MVO	e P	03:30:22.95		BZ			
	I Amb	03:30:23.67		BZ	0.079	0.6	

<b>16-Abr</b>	<b>Ho</b>	<b>05:07:46.9</b>	<b>Distante (NEIC)</b>	<b>ML 4.7</b>			
	<b>Lat</b>	<b>66.309°N</b>	<b>Lon</b>	<b>157.235°W</b>	<b>Prof</b>	<b>9</b>	
<b>Região: Northern Alaska</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	05:19:03.27		BZ			
	I Amb	05:19:08.93		BZ	0.031	2.0	
MTE	e P	05:19:07.35		BZ			
PCBR	e P	05:19:10.88		SZ			
PMTG	e P	05:19:14.11		BZ			
PESTR	e P	05:19:15.74		BZ			
	I Amb	05:19:20.84		BZ	0.024	1.4	
EVO	e P	05:19:17.36		BZ			
	I Amb	05:19:21.08		BZ	0.024	2.1	
PBAR	e P	05:19:20.61		BZ			
	I Amb	05:19:26.43		BZ	0.026	1.6	
PVAQ	e P	05:19:24.53		BZ			
	I Amb	05:19:30.57		BZ	0.034	1.7	
PBDV	e P	05:19:26.66		BZ			
	I Amb	05:19:29.28		BZ	0.029	1.3	

<b>16-Abr</b>	<b>Ho</b>	<b>07:30:38.8</b>	<b>Distante (NEIC)</b>	<b>mb 5.7</b>			
	<b>Lat</b>	<b>35.307°S</b>	<b>Lon</b>	<b>15.516°W</b>	<b>Prof</b>	<b>10</b>	
<b>Região: Tristan Da Cunha 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>	

MORF	e P	07:42:09.84		BZ			
	I Amb	07:42:12.72		BZ	0.067	1.4	
PBDV	e P	07:42:09.14		BZ			
	I Amb	07:42:11.45		BZ	0.067	1.5	
PVAQ	e P	07:42:10.21		BZ			
	I Amb	07:42:12.48		BZ	0.060	1.5	
	e LR	08:05:16.01		LZ			
	I AMs_20	08:10:13.20		LZ	1.125	20	
PTEO	e P	07:42:08.44		SZ			
PCVE	e P	07:42:11.75		BZ			
PBEJ	e P	07:42:14.35		SZ			
	I Amb	07:42:16.15		SZ	0.031	1.6	
PBAR	e P	07:42:14.11		BZ			
	I Amb	07:42:16.87		BZ	0.041	1.4	
PESTR	e P	07:42:18.95		BZ			
	I Amb	07:42:26.89		BZ	0.042	1.5	
PMTG	e P	07:42:20.33		BZ			
	I Amb	07:42:22.61		BZ	0.038	1.5	
PSBE	e P	07:42:22.29		BZ			
PMRV	e P	07:42:21.98		BZ			
	I Amb	07:42:24.57		BZ	0.039	1.4	
	e -	08:00:14.87		LE			
	e LR	08:06:58.34		LZ			
	I AMs_20	08:11:43.12		LZ	0.752	20	
PCBR	e P	07:42:23.98		SZ			
	I Amb	07:42:26.58		SZ	0.032	1.7	
PCAS	e P	07:42:24.67		BZ			
MTE	e S	07:52:11.12		LE			
	e SS	07:57:06.48		LN			
	e LQ	08:02:31.22		LE			
	e LR	08:07:28.74		LZ			
	I AMs_20	08:12:30.22		LZ	1.068	18	
MVO	e P	07:42:32.73		BZ			
	I Amb	07:42:34.10		BZ	0.040	1.6	
	e S	07:52:22.39		LN			
	e SS	07:57:27.40		LN			
	e LQ	08:02:44.24		LE			
	e LR	08:07:45.31		LZ			
	I AMs_20	08:12:36.56		LZ	0.644	20	
PCAB	e P	07:42:34.89		SZ			
PGAV	e P	07:42:35.11		BZ			
	I Amb	07:42:38.21		BZ	0.090	1.6	
	e LQ	08:02:59.75		LE			
	e LR	08:07:19.01		LZ			
	I AMs_20	08:12:26.43		LZ	0.985	20	

<b>16-Abr</b>	<b>Ho</b>	<b>09:22:32.7</b>	<b>Distante (NEIC)</b>	<b>Mw 5.7</b>			
	<b>Lat</b>	<b>31.172°S</b>	<b>Lon</b>	<b>179.069°W</b>	<b>Prof</b>	<b>10</b>	
<b>Região: Kermadec Islands 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>	
PGAV	e LR	10:41:22.58		LZ			
	I AMs_20	11:16:18.69		LZ	1.340	18	
MVO	e LR	10:46:55.21		LZ			
	I AMs_20	11:04:16.81		LZ	1.198	20	
MTE	e LR	10:41:31.05		LZ			
	I AMs_20	10:57:16.55		LZ	1.236	20	
PMRV	e LR	10:41:43.92		LZ			
	I AMs_20	10:54:39.85		LZ	1.470	20	
PVAQ	e LR	10:45:06.49		LZ			
	I AMs_20	11:04:16.44		LZ	1.564	22	

<b>16-Abr</b>	<b>Ho</b>	<b>12:59:46.8</b>	<b>Distante (NEIC)</b>	<b>ML 2.7</b>			
	<b>Lat</b>	<b>35.810°N</b>	<b>Lon</b>	<b>00.958°W</b>	<b>Prof</b>	<b>16</b>	
<b>Região: NW Argélia (ALG)</b>							
	<b>AxMax</b>	<b>5.1</b>	<b>AxMin</b>	<b>3.9</b>	<b>Ang</b>	<b>129</b>	<b>ErrZ 9</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	13:01:05.61		HZ			
	e S	13:02:05.33		HE			
	I AML	13:02:09.42		HZ	0.003	0.3	
PVAQ	e P	13:01:09.71		HZ			
	I AML	13:02:19.15		HZ	0.005	0.4	
PBDV	e P	13:01:11.45		HZ			
	e S	13:02:14.94		HN			
	I AML	13:02:22.29		HZ	0.006	0.3	
PBEJ	e P	13:01:13.01		EZ			
PCVE	e P	13:01:13.33		HZ			
	e S	13:02:19.66		HE			
	I AML	13:02:26.76		HZ	0.005	0.4	

[illegible]

PBAR	IAML	03:12:16.06	EZ	0.004	0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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PMOZ	e P	01:49:24.57		HZ						MVO	e SS	15:29:45.42		LE					
	e S	01:49:29.84		HN							i -	15:35:54.38		LN					
PMPST	e S	01:49:42.21		HN							e LQ	15:53:02.76		LN					
											e LR	16:00:32.12		LZ					
											IAMs_20	16:09:05.86		LZ	4.168	22			
18-Abr										PGAV	e SS	15:30:00.99		LE					
Est	Fase	P h:m:s	Dur	Co	Amp	Per					i -	15:36:09.52		LN					
PBAR	e Sg	02:37:31.10		HN							e LQ	15:52:36.85		LN					
											e LR	16:01:13.17		LZ					
											IAMs_20	16:09:53.96		LZ	4.801	24			
18-Abr	Ho	05:01:06.4		Lat 23.989°N	Distante (NEIC)	Mw 6.1				18-Abr	Ho	17:41:10.2		ML 2.6					
				Lon 121.693°E		Prof 20					Lat	36.649°N		Lon	09.739°W	Prof 31			
				Região: Taiwan								Região: SW Cabo S.Vicente				Rms 0.4			
											AxMax	4.9	AxMin	3.1	Ang	67	ErrZ	9	
Est	Fase	P h:m:s	Dur	Co	Amp	Per				Est	Fase	P h:m:s	Dur	Co	Amp	Per			
MVO	e PP	05:18:52.97		BZ						PFVI	i P	c	17:41:24.92	HZ					
	e LQ	05:54:02.26		LN							e S		17:41:35.49	HE					
	e LR	05:58:03.25		LZ							IAML		17:41:36.40	HZ	0.105	0.2			
										MORF	i P	c	17:41:27.92	HZ					
	IAMs_20	06:06:20.27		LZ	23.27	18					e S		17:41:41.08	HE					
PGAV	e PP	05:18:53.38		BZ							IAML		17:41:42.00	HZ	0.113	0.1			
	e LQ	05:55:03.77		LE						PTEO	i P	c	17:41:29.46	EZ					
	e LR	05:59:46.50		LZ							e S		17:41:44.05	EE					
											IAML		17:41:46.86	EZ	0.061	0.5			
	IAMs_20	06:04:18.37		LZ	21.71	20				PBDV	i P	c	17:41:34.65	HZ					
POLO	e PP	05:18:53.80		BZ							e S		17:41:52.59	HN					
PVIS	e PP	05:18:58.38		BZ							IAML		17:42:00.40	HZ	0.025	0.3			
MTE	e PP	05:18:59.00		BZ						PCVE	e P		17:41:36.21	HZ					
	e LQ	05:54:06.58		LE							e S		17:41:55.32	HN					
	e LR	05:58:35.57		LZ							IAML		17:41:57.36	HZ	0.041	0.3			
										MESJ	e P		17:41:36.21	HZ					
	IAMs_20	06:06:59.35		LZ	19.34	16					e S		17:41:55.75	HE					
PMRV	e PP	05:19:03.37		BZ							IAML		17:41:59.42	HZ	0.029	0.2			
	e LQ	05:53:46.55		LE						PVAQ	i P	c	17:41:37.58	HZ					
	e LR	05:59:10.51		LZ							e S		17:41:58.36	HZ					
											IAML		17:42:00.73	HZ	0.044	0.1			
	IAMs_20	06:07:28.14		LZ	27.24	18				PBEJ	e P		17:41:40.45	EZ					
COI	e PP	05:19:03.58		BZ							e S		17:42:03.14	EE					
PESTR	e PP	05:19:06.71		BZ							IAML		17:42:06.28	EZ	0.012	0.1			
PBAR	e PP	05:19:08.79		BZ						PMAFR	e P		17:41:44.42	HZ					
PMTG	e PP	05:19:08.58		BZ							e S		17:42:10.87	HN					
PSBE	e PP	05:19:08.99		BZ							IAML		17:42:13.10	HZ	0.097	0.1			
EVO	e PP	05:19:10.45		BZ						PBAR	e P		17:41:48.94	HZ					
PBEJ	e PP	05:19:12.12		SZ							e S		17:42:18.20	HN					
MESJ	e PP	05:19:15.24		BZ							IAML		17:42:20.76	HZ	0.013	0.2			
PVAQ	e PP	05:19:15.66		BZ						PMTG	e P		17:41:49.84	HZ					
	e LR	05:58:51.58		LZ							e S		17:42:19.57	HN					
											IAML		17:42:21.39	HZ	0.017	0.2			
	IAMs_20	06:08:41.27		LZ	18.01	16				PESTR	e P		17:41:50.62	HZ					
PCVE	e PP	05:19:15.66		BZ							e S		17:42:21.51	HE					
PBDV	e PP	05:19:17.11		BZ							IAML		17:42:24.11	HZ	0.007	0.2			
MORF	e PP	05:19:20.23		BZ						PSBE	e P		17:41:53.26	HZ					
PMOZ	e LQ	06:01:56.92		LN							e S		17:42:25.55	HZ					
	e LR	06:02:45.56		LZ							IAML		17:42:31.70	HZ	0.012	0.6			
										PMRV	e P		17:41:58.39	HZ					
	IAMs_20	06:12:18.13		LZ	16.20	18					e S		17:42:34.58	HN					
											IAML		17:42:36.60	HZ	0.014	0.2			
18-Abr	Ho	09:07:05.9		Lat 36.989°N	Lon 05.329°W	ML 1.7				PCAS	e P		17:42:01.38	HZ					
				Lon 05.329°W		Prof 14					e S		17:42:38.44	HN					
				Região: SE Sevilha (ESP)		Rms 0.6					IAML		17:42:43.08	HZ	0.009	0.2			
										PCBR	e P		17:42:03.12	EZ					
	AxMax	2.4	AxMin	2.1	Ang	143	ErrZ	4			e S		17:42:42.17	EE					
Est	Fase	P h:m:s	Dur	Co	Amp	Per					IAML		17:42:45.45	EZ	0.006	0.6			
PBAR	e Pn	09:07:35.21		HZ						COI	e S		17:42:45.01	HE					
	e Sg	09:08:01.73		HN						MTE	e S		17:42:53.80	HN					
	IAML	09:08:05.83		HZ	0.002	0.5				PVIS	e P		17:42:12.68	HZ					
	e Pn	09:07:36.80		HZ							e S		17:42:57.64	HE					
	IAML	09:08:19.27		HZ	0.003	0.7				PVRL	e S		17:43:11.88	SE					
PBDV	e Pn	09:07:39.11		HZ							IAML		17:43:14.37	SZ	0.016	0.2			
	IAML	09:08:46.69		HZ	0.007	0.3				POLO	e P		17:42:20.56	HZ					
PCVE	e Pn	09:07:41.94		HZ							e S		17:43:13.05	HE					
	e Sg	09:08:15.64		HN							IAML		17:43:16.87	HZ	0.003	0.2			
	IAML	09:08:28.11		HZ	0.002	0.6				MVO	e P		17:42:21.01	HZ					
MESJ	e P	09:07:44.02		HZ							e S		17:43:13.65	HE					
											IAML		17:43:16.47	HZ	0.010	0.3			
18-Abr	Ho	14:46:01.9		Lat 51.056°S	Lon 139.490°E	Mw 6.5				PCAB	e S		17:43:19.92	EN					
				Lon 139.490°E		Prof 10				PGAV	e P		17:42:26.89	HZ					
				Região: Western Indian-Antarctic Ridge															
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PMRV	e SS	15:29:39.36		LE															
	e LQ	15:52:33.62		LN															
	e LR	16:00:09.96		LZ															
	IAMs_20	16:12:30.81		LZ	4.877	20													
MTE	e SS	15:29:40.23		LE															
	i -	15:35:53.86		LN															
	e LQ	15:52:45.64		LN															
	e LR	16:00:28.52		LZ															
	IAMs_20	16:09:46.99		LZ	4.676	22													





PBAR	IAML	04:58:09.51	HZ	0.003	0.7	PCAS	e P	22:47:17.21	BZ		
	e Sn	04:58:02.78	HE				IAmb	22:47:18.76	BZ	0.055	1.7
	e Sg	04:58:12.18	HN			PCBR	e P	22:47:17.71	SZ		
	IAML	04:58:13.73	HZ	0.003	0.7		IAmb	22:47:19.05	SZ	0.037	0.9
<hr/>											
<b>20-Abr</b>	<b>Ho</b>	<b>04:58:43.4</b>			<b>ML 1.0</b>	PMRV	e P	22:47:19.44	BZ		
	<b>Lat</b>	<b>38.528°N</b>	<b>Lon</b>	<b>06.311°W</b>	<b>Prof 0*</b>		IAmb	22:47:30.76	BZ	0.031	1.6
	<b>Região:</b>	<b>S Mérida (ESP)</b>			<b>Rms 0.3</b>		e LR	23:22:42.39	LZ		
	<b>AxMax</b>	<b>2.4</b>	<b>AxMin</b>	<b>1.8</b>	<b>Ang 45</b>	<b>ErrZ 0</b>		IAMs_20	23:29:57.96	LZ	0.113 18
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	PSBE	e P	22:47:19.41	BZ	
PBAR	e P	04:58:56.17		HZ				IAmb	22:47:21.55	BZ	0.057 1.7
	e S	04:59:04.93		HE			PMTG	e P	22:47:21.66	BZ	
	IAML	04:59:10.77		HZ	0.001	0.3		IAmb	22:47:22.80	BZ	0.023 0.8
PESTR	e P	04:59:02.99		HZ			PBAR	e P	22:47:25.45	BZ	
	e S	04:59:16.88		HE				IAmb	22:47:37.63	BZ	0.035 1.9
	IAML	04:59:20.33		HZ	0.002	0.5	PCVE	e P	22:47:27.77	BZ	
PMRV	e P	04:59:05.90		HZ				IAmb	22:47:37.47	BZ	0.030 1.5
	e S	04:59:22.66		HE			<hr/>				
	IAML	04:59:25.37		HZ	0.001	0.2	<b>21-Abr</b>	<b>Ho</b>	<b>06:31:37.0</b>	<b>Distante (NEIC)</b>	<b>Mw 4.9</b>
PMTG	e P	04:59:12.76		HZ				<b>Lat</b>	<b>51.521°N</b>	<b>Lon 178.263°W</b>	<b>Prof 61</b>
	e S	04:59:34.00		HE				<b>Região:</b>	<b>Andreanof Islands, Aleutian Is.</b>		
	IAML	04:59:34.93		HZ	0.002	0.7	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
MESJ	e S	04:59:36.43		HN			PCAB	e P	06:44:13.95		SZ
PBDV	e S	04:59:40.41		HN			POLO	e P	06:44:15.87		BZ
<hr/>											
<b>20-Abr</b>	<b>Ho</b>	<b>18:49:07.8</b>			<b>ML 1.4</b>		PVRL	e P	06:44:15.96		SZ
	<b>Lat</b>	<b>36.449°N</b>	<b>Lon</b>	<b>07.694°W</b>	<b>Prof 0*</b>		MVO	e P	06:44:16.55		BZ
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms 0.3</b>		PVIS	e P	06:44:18.45		BZ
	<b>AxMax</b>	<b>4.8</b>	<b>AxMin</b>	<b>4.3</b>	<b>Ang 147</b>	<b>ErrZ 0</b>	MTE	e P	06:44:20.12		BZ
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	COI	e P	06:44:21.14		BZ
PBDV	e P	18:49:22.70		HZ			PCAS	e P	06:44:20.97		BZ
	e S	18:49:34.28		HE			PCBR	e P	06:44:22.27		SZ
	IAML	18:49:38.65		HZ	0.005	0.3	PSBE	e P	06:44:24.19		BZ
PVAQ	e P	18:49:24.84		HZ			PMRV	e P	06:44:24.77		BZ
	e S	18:49:37.88		HZ			PESTR	e P	06:44:26.77		BZ
	IAML	18:49:41.52		HZ	0.004	0.4		IAmb	06:44:27.57		BZ 0.038 1.1
PFVI	e S	18:49:44.02		HN			PBAR	e P	06:44:30.50		BZ
MORF	e P	18:49:28.40		HZ				IAmb	06:44:31.53		BZ 0.026 1.2
	e S	18:49:44.66		HE			PBEJ	e P	06:44:31.23		SZ
	IAML	18:49:46.18		HZ	0.006	0.5	PTEO	e P	06:44:33.95		SZ
PCVE	e P	18:49:30.06		HZ				IAmb	06:44:37.65		SZ 0.075 1.4
	e S	18:49:46.30		HN			<hr/>				
	IAML	18:49:48.72		HZ	0.002	0.2	<b>21-Abr</b>	<b>Ho</b>	<b>09:25:24.0</b>		<b>ML 1.2</b>
PTEO	e P	18:49:32.44		EZ				<b>Lat</b>	<b>36.799°N</b>	<b>Lon 09.716°W</b>	<b>Prof 15</b>
	e S	18:49:51.00		EE				<b>Região:</b>	<b>SW Cabo S.Vicente</b>		<b>Rms 0.4</b>
MESJ	e P	18:49:33.91		HZ				<b>AxMax</b>	<b>18.4</b>	<b>AxMin 11.1</b>	<b>Ang 160</b>
	e S	18:49:53.94		HN			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
	IAML	18:49:59.57		HZ	0.003	1.0	PFVI	e P	09:25:38.10		HZ
PBAR	e Sn	18:50:01.30		HE				e S	09:25:49.60		HE
	e Sg	18:50:03.55		HN				IAML	09:25:49.79		HZ 0.003 0.3
	IAML	18:50:06.01		HZ	0.002	0.5	MORF	e P	09:25:42.16		HZ
PMTG	e Sg	18:50:30.76		HE				e S	09:25:54.47		HN
<hr/>											
<b>20-Abr</b>	<b>Ho</b>	<b>22:34:39.5</b>	<b>Distante (NEIC)</b>		<b>Mw 5.3</b>			IAML	09:25:55.81		HZ 0.003 0.2
	<b>Lat</b>	<b>54.874°N</b>	<b>Lon 164.649°E</b>		<b>Prof 10</b>		PCVE	e S	09:26:09.00		HN
	<b>Região:</b>	<b>Komandorskiye Ostrova Region</b>					PBAR	e S	09:26:32.35		HE
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	PMTG	e P	09:26:03.14		HZ
PGAV	e LR	23:20:30.30		LZ				e S	09:26:32.92		HE
	IAMs_20	23:28:52.23		LZ	0.119	18		IAML	09:26:34.10		HZ 0.001 0.1
POLO	e P	22:47:07.90		BZ			PMRV	e P	09:26:11.78		HZ
	IAmb	22:47:11.83		BZ	0.012	2.0		e S	09:26:47.79		HE
PVRL	e P	22:47:10.85		SZ			<hr/>				
	IAmb	22:47:21.14		SZ	0.044	1.4	<b>21-Abr</b>	<b>Ho</b>	<b>16:31:41.8</b>	<b>Distante (NEIC)</b>	<b>Mw 5.0</b>
MVO	e P	22:47:10.59		BZ				<b>Lat</b>	<b>24.345°S</b>	<b>Lon 67.031°W</b>	<b>Prof 164</b>
	IAmb	22:47:23.09		BZ	0.039	1.7		<b>Região:</b>	<b>Chile-Argentina Border Region</b>		
PVIS	e P	22:47:12.74		BZ			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
MTE	e P	22:47:15.24		BZ			PCVE	e P	16:43:49.43		BZ
	IAmb	22:47:25.67		BZ	0.045	1.2	<hr/>				
	e LR	23:19:32.30		LZ			<b>21-Abr</b>	<b>Ho</b>	<b>16:31:41.8</b>	<b>Distante (NEIC)</b>	<b>Mw 5.0</b>
	IAMs_20	23:29:20.11		LZ	0.110	20		<b>Lat</b>	<b>24.345°S</b>	<b>Lon 67.031°W</b>	<b>Prof 164</b>
COI	e P	22:47:16.54		BZ				<b>Região:</b>	<b>Chile-Argentina Border Region</b>		
	IAmb	22:47:27.25		BZ	0.055	1.5	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
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MESJ	e P	16:43:48.72	BZ	PCAS	e S	20:42:31.19	HN
PBEJ	e P	16:43:51.12	SZ				
PMTG	e P	16:43:53.14	BZ				
PBAR	e P	16:43:53.98	BZ				
PCBR	e P	16:43:57.64	SZ				
PVIS	e P	16:44:00.19	BZ				
MTE	e P	16:43:59.29	BZ				
PVRL	e P	16:44:01.24	SZ				
POLO	e P	16:44:01.27	BZ				
PGAV	e P	16:44:01.84	BZ				
MVO	e P	16:44:03.06	BZ				
<b>21-Abr</b>	<b>Ho</b>	<b>17:44:55.0</b>	<b>ML 2.0</b>				
	<b>Lat</b>	<b>35.682°N</b>	<b>Lon 04.720°W</b>				
	<b>Região:</b>	<b>Alboran</b>	<b>Prof 31</b>				
	<b>AxMax</b>	<b>3.4</b>	<b>AxMin 3.2</b>	<b>Ang 123</b>	<b>Rms 0.4</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	c 17:45:40.22		HZ			
	e S	17:46:14.27		HN			
	IAML	17:46:17.02		HZ	0.004	0.3	
PBAR	e P	17:45:41.51		HZ			
	e S	17:46:15.51		HE			
	IAML	17:46:18.35		HZ	0.004	0.2	
PCVE	e P	17:45:44.01		HZ			
	e S	17:46:20.33		HN			
	IAML	17:46:22.68		HZ	0.002	0.3	
PBEJ	e S	17:46:23.47		EE			
	IAML	17:46:24.44		EZ	0.002	0.5	
MESJ	e P	17:45:47.30		HZ			
	e S	17:46:25.17		HN			
	IAML	17:46:27.25		HZ	0.002	0.4	
MORF	e P	17:45:47.56		HZ			
	e S	17:46:26.63		HN			
	IAML	17:46:27.54		HZ	0.002	0.1	
PFVI	e S	17:46:28.15		HN			
PTEO	e P	17:45:50.39		EZ			
	e S	17:46:30.85		EN			
PESTR	e P	17:45:52.82		HZ			
	e S	17:46:35.08		HN			
	IAML	17:46:36.57		HZ	0.001	0.1	
PMRV	e P	17:45:57.98		HZ			
	e S	17:46:43.97		HN			
PMTG	e P	17:45:59.00		HZ			
	e S	17:46:46.33		HN			
PCBR	e S	17:46:53.23		EE			
<b>21-Abr</b>	<b>Ho</b>	<b>20:41:02.1</b>	<b>ML 1.4</b>				
	<b>Lat</b>	<b>36.725°N</b>	<b>Lon 09.628°W</b>				
	<b>Região:</b>	<b>SW Cabo S.Vicente</b>	<b>Prof 21</b>				
	<b>AxMax</b>	<b>6.4</b>	<b>AxMin 5.9</b>	<b>Ang 26</b>	<b>Rms 0.3</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>	
PFVI	e P	20:41:16.07		HZ			
	e S	20:41:26.39		HN			
	IAML	20:41:27.50		HZ	0.005	0.2	
MORF	e P	20:41:19.04		HZ			
	e S	20:41:31.90		HE			
	IAML	20:41:32.52		HZ	0.007	0.1	
PTEO	e S	20:41:34.56		EN			
PBDV	e P	20:41:43.63		HN			
PCVE	e S	20:41:27.35		HZ			
	e S	20:41:46.14		HN			
	IAML	20:41:47.79		HZ	0.003	0.4	
MESJ	e P	20:41:27.35		HZ			
	e S	20:41:46.16		HN			
	IAML	20:41:47.70		HZ	0.003	0.8	
PBEJ	e S	20:41:54.13		EN			
PMAFR	e S	20:42:01.99		HN			
	IAML	20:42:03.90		HZ	0.008	0.2	
PBAR	e P	20:41:40.52		HZ			
	e S	20:42:09.17		HN			
	IAML	20:42:12.11		HZ	0.001	0.1	
PMTG	e P	20:41:41.05		HZ			
	e S	20:42:10.58		HE			
	IAML	20:42:11.76		HZ	0.002	0.2	
PESTR	e S	20:42:12.69		HE			
PMRV	e P	20:41:49.55		HZ			
	e S	20:42:25.70		HE			
	IAML	20:42:27.33		HZ	0.002	0.7	
<b>21-Abr</b>	<b>Ho</b>	<b>21:48:01.8</b>	<b>ML 1.4</b>				
	<b>Lat</b>	<b>36.817°N</b>	<b>Lon 09.641°W</b>				
	<b>Região:</b>	<b>SW Cabo S.Vicente</b>	<b>Prof 21</b>				
	<b>AxMax</b>	<b>6.4</b>	<b>AxMin 4.9</b>	<b>Ang 49</b>	<b>Rms 0.3</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>	
PFVI	e P	21:48:15.13		HZ			
	e S	21:48:25.13		HN			
	IAML	21:48:27.30		HZ	0.008	0.6	
MORF	e P	c 21:48:18.20		HZ			
	e S	21:48:30.11		HN			
	IAML	21:48:32.67		HZ	0.005	0.1	
PTEO	e P	21:48:19.36		EZ			
	e S	21:48:33.14		EN			
	IAML	21:48:33.42		EZ	0.002	0.1	
PBDV	e P	c 21:48:25.18		HZ			
	e S	21:48:42.52		HN			
	IAML	21:48:46.96		HZ	0.001	0.1	
MESJ	e P	21:48:26.39		HZ			
	e S	21:48:44.95		HN			
	IAML	21:48:53.40		HZ	0.003	0.8	
PCVE	e P	21:48:26.27		HZ			
	e S	21:48:44.84		HN			
	IAML	21:48:55.31		HZ	0.002	0.7	
PBEJ	e S	21:48:52.51		EN			
	IAML	21:48:54.82		EZ	0.002	0.1	
PMAFR	e S	21:48:59.48		HE			
PBAR	e P	21:48:39.73		HZ			
	e S	21:49:07.38		HE			
	IAML	21:49:21.45		HZ	0.001	0.6	
PMTG	e S	21:49:08.52		HN			
	IAML	21:49:09.39		HZ	0.002	0.4	
PESTR	e S	21:49:10.84		HN			
PMRV	e S	21:49:23.10		HE			
	IAML	21:49:26.47		HZ	0.001	0.1	
<b>21-Abr</b>	<b>Ho</b>	<b>22:02:13.4</b>	<b>ML 1.4</b>				
	<b>Lat</b>	<b>37.684°N</b>	<b>Lon 09.442°W</b>				
	<b>Região:</b>	<b>SW Sines</b>	<b>Prof 30</b>				
	<b>AxMax</b>	<b>9.8</b>	<b>AxMin 5.6</b>	<b>Ang 74</b>	<b>Rms 0.4</b>	<b>ErrZ 16</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>	
PTEO	e P	d 22:02:24.42		EZ			
	e S	22:02:32.67		EN			
	IAML	22:02:33.54		EZ	0.021	0.3	
MORF	e P	d 22:02:26.30		HZ			
	e S	22:02:36.30		HN			
	IAML	22:02:40.05		HZ	0.006	0.2	
PFVI	e P	22:02:26.04		HZ			
	e S	22:02:36.20		HE			
	IAML	22:02:36.52		HZ	0.005	0.1	
MESJ	e P	22:02:29.82		HZ			
	e S	22:02:41.97		HN			
	IAML	22:02:46.48		HZ	0.003	0.2	
PCVE	e P	22:02:31.64		HZ			
	e S	22:02:45.15		HE			
	IAML	22:02:46.20		HZ	0.002	0.4	
PBDV	e P	22:02:34.27		HZ			
	e S	22:02:49.68		HE			
	IAML	22:03:02.55		HZ	0.003	0.7	
PMAFR	e P	22:02:33.79		HZ			
	e S	22:02:48.27		HN			
	IAML	22:02:50.06		HZ	0.011	0.2	
PBEJ	e S	22:02:49.35		EN			
	IAML	22:03:01.58		EZ	0.003	0.3	
PMTG	e P	22:02:39.56		HZ			
	e S	22:02:58.23		HE			
	IAML	22:03:00.59		HZ	0.002	0.4	
PESTR	e S	22:03:04.08		HN			
	IAML	22:03:06.37		HZ	0.001	0.8	
PBAR	e S	22:03:05.03		HE			
	IAML	22:03:13.71		HZ	0.001	0.8	
PMRV	e P	22:02:48.99		HZ			
	e S	22:03:14.73		HE			
	IAML	22:03:17.03		HZ	0.001	0.3	
POLO	e S	22:03:51.75		HN			
MVO	e P	22:03:10.85		HZ			
	e S	22:03:52.69		HE			

<b>21-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 Pn	22:54:48.00		HZ			
PBDV	e Pn	22:54:54.82		HZ			
PCVE	e Pn	22:54:55.70		HZ			
PESTR	e Pn	22:54:57.51		HZ			
	e Sg	22:56:05.99		HN			
	IAML	22:56:15.14		HZ	0.003	0.6	
MESJ	e Pn	22:54:58.02		HZ			
PCBR	e Pn	22:55:04.75		EZ			
PMTG	e Pn	22:55:04.94		HZ			
MVO	e Pn	22:55:15.39		HZ			
POLO	e Pn	22:55:21.25		HZ			
PGAV	e Pn	22:55:30.61		HZ			
<b>22-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 P	00:03:17.14		HZ			
	e S	00:03:58.96		HE			
	IAML	00:04:03.25		HZ	0.001	0.3	
MESJ	e P	00:03:22.62		HZ			
	e S	00:04:12.88		HE			
PCVE	e S	00:04:07.83		HN			
PESTR	e S	00:04:17.21		HN			
<b>22-Abr Ho 00:07:39.6 ML 1.2</b>							
<b>Lat 37.349°N Lon 08.786°W</b>				<b>Prof 0*</b>			
<b>Região: NE Aljezur</b>				<b>Rms 0.3</b>			
<b>AxMax 3.2 AxMin 1.9 Ang 96 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	i Pg	00:07:42.07		HZ			
	e Sg	00:07:43.75		HE			
	IAML	00:07:44.45		HZ	0.041	0.3	
PTEO	e Pg	00:07:43.21		EZ			
	e Sg	00:07:46.16		EE			
	IAML	00:07:46.35		EZ	0.019	0.1	
PFVI	i Pg	c 00:07:43.63		HZ			
	e Sg	00:07:46.44		HE			
	IAML	00:07:46.77		HZ	0.034	0.1	
PCVE	e Pg	00:07:51.63		HZ			
	e Sg	00:08:01.49		HN			
	IAML	00:08:05.05		HZ	0.003	0.4	
MESJ	e Pg	00:07:51.67		HZ			
	IAML	00:08:04.30		HZ	0.004	0.8	
PBDV	e Pg	00:07:52.33		HZ			
	e Sg	00:08:01.41		HE			
	IAML	00:08:06.50		HZ	0.005	0.6	
PBEJ	e P	00:07:57.88		EZ			
	e S	00:08:10.68		EE			
PBAR	e Pg	00:08:09.27		HZ			
	e Sg	00:08:31.18		HE			
PMTG	e Pg	00:08:11.91		HZ			
	e Sn	00:08:32.97		HE			
	IAML	00:08:34.82		HZ	0.002	0.3	
PESTR	e Sg	00:08:34.40		HN			
PMRV	e Sg	00:08:53.53		HE			
<b>22-Abr Ho 00:58:34.8 ML 1.6</b>							
<b>Lat 38.127°N Lon 09.052°W</b>				<b>Prof 13</b>			
<b>Região: NW Sines</b>				<b>Rms 0.4</b>			
<b>AxMax 3.6 AxMin 1.6 Ang 85 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>	
PTEO	i Pg	d 00:58:46.41		EZ			
	e Sg	00:58:54.85		EE			
	IAML	00:58:55.73		EZ	0.016	0.5	
MESJ	e P	c 00:58:47.75		HZ			
	e S	00:58:57.74		HE			
	IAML	00:59:00.23		HZ	0.015	0.3	
PMAFR	e P	00:58:50.11		HZ			
	e S	00:59:01.27		HN			
	IAML	00:59:02.82		HZ	0.027	0.2	
MORF	e P	00:58:50.93		HZ			
	e S	00:59:02.63		HE			
	IAML	00:59:05.17		HZ	0.020	0.2	
PBEJ	e P	00:58:52.06		EZ			
	e S	00:59:04.62		EN			
	IAML	00:59:06.18		EZ	0.009	0.2	
PCVE	e P	00:58:51.76		HZ			
	e S	00:59:04.67		HE			
	IAML	00:59:06.75		HZ	0.010	0.2	
PFVI	e P	00:58:53.07		HZ			
	e S	00:59:05.98		HE			
	IAML	00:59:08.01		HZ	0.012	0.2	
PMTG	e P	00:58:54.40		HZ			
	e S	00:59:09.80		HN			
	IAML	00:59:11.80		HZ	0.007	0.4	
PBDV	e S	00:59:12.87		HN			
	IAML	00:59:18.81		HZ	0.004	0.5	
PESTR	e Pg	00:58:59.09		HZ			
	e Sg	00:59:16.92		HN			
	IAML	00:59:17.49		HZ	0.003	0.5	
PBAR	e Pg	00:59:03.22		HZ			
	e Sg	00:59:23.42		HE			
	IAML	00:59:25.40		HZ	0.005	0.2	
PMRV	e Pn	00:59:03.68		HZ			
	e Pg	00:59:07.00		HZ			
	e Sg	00:59:31.12		HE			
	IAML	00:59:33.48		HZ	0.002	0.2	
PCAS	e Sg	00:59:36.18		HE			
	IAML	00:59:39.52		HZ	0.002	0.6	
PCBR	e Sg	00:59:39.96		EE			
	IAML	00:59:44.75		EZ	0.002	0.5	
MTE	e Sg	00:59:54.28		HN			
	IAML	00:59:57.12		HZ	0.003	0.8	
PVIS	e Sn	00:59:48.06		HE			
	e Sg	00:59:59.01		HE			
<b>22-Abr Ho 01:04:54.6 Distante (NEIC) mb 4.8</b>							
<b>Lat 03.252°S Lon 80.318°W</b>				<b>Prof 57</b>			
<b>Região: Peru-Ecuador Border 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>	
PFVI	e P	01:16:45.40		BZ			
	IAMB	01:17:14.37		BZ	0.084	1.5	
PBDV	e P	01:16:47.63		BZ			
PCVE	e P	01:16:48.80		BZ			
	IAMB	01:17:04.38		BZ	0.027	1.7	
PMTG	e P	01:16:49.35		BZ			
PCAS	e P	01:16:50.10		BZ			
COI	e P	01:16:49.68		BZ			
PESTR	e P	01:16:52.03		BZ			
PVIS	e P	01:16:52.61		BZ			
MTE	e P	01:16:53.19		BZ			
	IAMB	01:17:15.93		BZ	0.025	1.7	
PVRL	e P	01:16:54.07		SZ			
MVO	e P	01:16:56.90		BZ			
<b>22-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	c 06:35:23.13		HZ			
	e S	06:35:34.26		HN			
	IAML	06:35:36.01		HZ	0.005	0.3	
PCAB	e P	06:35:28.16		EZ			
	e S	06:35:44.35		EN			
	IAML	06:35:46.44		EZ	0.009	0.3	
POLO	e S	06:35:55.03		HN			
	IAML	06:35:57.80		HZ	0.001	0.4	
PVIS	e Sg	06:36:12.39		HE			
MVO	e Sg	06:36:12.59		HN			
	IAML	06:36:14.55		HZ	0.002	0.2	
MTE	e Sg	06:36:25.31		HE			
	IAML	06:36:27.84		HZ	0.002	0.3	
<b>22-Abr Ho 08:31:20.6 ML 1.2</b>							
<b>Lat 37.318°N Lon 08.644°W</b>				<b>Prof 12</b>			
<b>Região: W Monchique</b>				<b>Rms 0.2</b>			
<b>AxMax 2.4 AxMin 2.1 Ang 124 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	i Pg	c 08:31:22.39		HZ			
	e Sg	08:31:24.21		HE			
	IAML	08:31:24.54		HZ	0.163	0.1	
PFVI	e Pg	d 08:31:25.23		HZ			
	e Sg	08:31:28.68		HE			
	IAML	08:31:30.04		HZ	0.011	0.1	
PTEO	i Pg	d 08:31:25.44		EZ			
	e Sg	08:31:29.00		EE			

PBDV	e Pg	08:31:31.14	HZ					PVRL	e P	14:17:11.39	SZ				
	e Sg	08:31:39.23	HE						e S	14:17:44.85	SE				
PCVE	e Pg	08:31:30.95	HZ						IAML	14:17:46.85	SZ	0.050	0.1		
	e Sg	08:31:38.91	HN					PTO	e P	14:17:12.74	SZ				
	IAML	08:31:41.66	HZ	0.005	0.2				e S	14:17:46.79	SE				
MESJ	i Pg	d 08:31:32.04	HZ					MVO	e P	14:17:15.14	HZ				
	e Sg	08:31:40.26	HE						e S	14:17:51.05	HE				
	IAML	08:31:43.37	HZ	0.003	0.3				IAML	14:17:54.35	HZ	0.042	0.3		
PVAQ	e P	08:31:34.43	HZ					PVIS	e P	14:17:18.50	HZ				
	IAML	08:31:45.86	HZ	0.005	0.1				e S	14:17:56.15	HN				
PBEJ	e S	08:31:50.19	EE					MTE	e P	14:17:23.33	HZ				
	IAML	08:31:51.06	EZ	0.004	0.2				e S	14:18:05.70	HE				
PBAR	e Sg	08:32:07.58	HN						IAML	14:18:08.13	HZ	0.030	0.1		
	IAML	08:32:08.97	HZ	0.001	0.4			PCAS	e P	14:17:27.11	HZ				
PESTR	e Sg	08:32:15.14	HE						e S	14:18:11.68	HE				
PMTG	e Sg	08:32:15.38	HE						IAML	14:18:13.19	HZ	0.009	0.3		
	IAML	08:32:16.32	HZ	0.002	0.4			PCBR	e P	14:17:30.99	EZ				
PMRV	e Sg	08:32:33.56	HE						e S	14:18:19.43	EN				
									IAML	14:18:22.94	EZ	0.016	0.4		
<b>22-Abr Ho 09:11:11.7 Distante (NEIC) Mw 6.1</b>								PSBE	e P	14:17:34.52	HZ				
<b>Lat 14.924°N Lon 120.497°E Prof 20</b>									IAML	14:18:28.29	HZ	0.016	0.6		
<b>Região: Luzon, Philippines</b>								PMRV	e P	14:17:36.83	HZ				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e S	14:18:29.74	HN				
MVO	e PP	09:29:47.37		BZ					IAML	14:18:33.09	HZ	0.012	0.2		
	e SS	09:44:52.43		LN				PMTG	e P	14:17:40.34	HZ				
	e LQ	10:01:19.07		LN					e S	14:18:34.55	HE				
	e LR	10:07:53.42		LZ					IAML	14:18:37.79	HZ	0.005	0.2		
	IAMs_20	10:14:51.75		LZ	7.696	18		PMAFR	e P	14:17:41.63	HZ				
PGAV	e PP	09:29:48.94		BZ					e S	14:18:37.92	HE				
	e SS	09:44:53.14		LE					IAML	14:18:39.13	HZ	0.021	0.2		
	e LQ	10:00:29.50		LN				PESTR	e P	14:17:44.06	HZ				
	e LR	10:05:28.81		LZ					e S	14:18:42.73	HE				
	IAMs_20	10:21:05.87		LZ	6.760	18			IAML	14:18:45.77	HZ	0.004	0.2		
PCAB	e PP	09:29:48.23		SZ				PBAR	e P	14:17:54.56	HZ				
POLO	e PP	09:29:48.71		BZ					e S	14:18:59.49	HN				
MTE	e PP	09:29:54.94		BZ					IAML	14:19:04.62	HZ	0.005	0.2		
	e SS	09:44:59.51		LE				MESJ	e P	14:17:57.25	HZ				
	e LQ	10:04:03.54		LN					e S	14:19:05.35	HN				
	e LR	10:08:15.25		LZ					IAML	14:19:07.57	HZ	0.004	0.4		
	IAMs_20	10:23:23.22		LZ	7.045	20		PCVE	e P	14:18:00.42	HZ				
PCBR	e PP	09:29:57.27		SZ					e S	14:19:09.23	HE				
PMRV	e PP	09:29:56.31		BZ					IAML	14:19:13.91	HZ	0.003	0.7		
	e SS	09:45:09.76		LE				PTEO	e P	14:18:01.13	EZ				
	e LQ	10:00:45.10		LE				PVAQ	e P	14:18:03.82	HZ				
	e LR	10:08:12.85		LZ				MORF	e P	14:18:04.37	HZ				
	IAMs_20	10:17:44.56		LZ	4.800	18			e S	14:19:17.20	HE				
PCAS	e PP	09:29:58.75		BZ					IAML	14:19:19.35	HZ	0.006	1.0		
PESTR	e PP	09:30:01.00		BZ				PFVI	e P	14:18:06.63	HZ				
PBAR	e PP	09:30:00.97		BZ					e S	14:19:21.54	HN				
PMTG	e PP	09:30:02.89		BZ				<b>22-Abr Ho 14:49:06.8 Distante (NEIC) Mw 6.0</b>							
PBEJ	e PP	09:30:05.04		SZ				<b>Lat 56.273°S Lon 27.379°W Prof 94</b>							
PVAQ	e PP	09:30:06.56		BZ				<b>Região: South Sandwich Islands Region</b>							
MESJ	e PP	09:30:06.50		BZ				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PCVE	e PP	09:30:07.63		BZ				PMOZ	e P	15:01:51.16		BZ			
PBDV	e PP	09:30:09.46		BZ					e pP	15:02:12.80		BZ			
PTEO	e PP	09:30:12.20		SZ					IAMB	15:02:41.14		BZ	0.229	1.4	
MORF	e PP	09:30:13.29		BZ					e S	15:12:48.75		LE			
PMPST	e PP	09:31:08.77		BZ					e LR	15:31:04.95		LZ			
PMOZ	e PP	09:31:19.58		BZ					IAMs_20	15:33:24.52		LZ	0.507	22	
	e SS	09:47:53.17		LE				PMPST	e P	15:01:54.90		BZ			
	e LQ	10:07:52.34		LE					e pP	15:02:14.40		BZ			
	e LR	10:09:47.67		LZ					IAMB	15:02:33.95		BZ	0.369	1.6	
	IAMs_20	10:15:37.04		LZ	2.664	22		PFVI	e P	15:02:18.49		BZ			
<b>22-Abr Ho 14:16:26.0 ML 2.9</b>									IAMB	15:03:04.57		BZ	0.158	1.7	
<b>Lat 44.211°N Lon 08.672°W Prof 39</b>								MORF	e P	15:02:18.66		BZ			
<b>Região: Mar Cantábrico Rms 0.3</b>									IAMB	15:02:56.95		BZ	0.085	1.6	
<b>AxMax 4.6 AxMin 2.8 Ang 114 ErrZ 6</b>								PBDV	e P	15:02:21.54		BZ			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e sP	15:02:54.45		BZ			
PGAV	e P	14:17:00.50		HZ					IAMB	15:02:59.58		BZ	0.073	1.5	
	e S	14:17:26.39		HE				PVAQ	e P	15:02:18.82		BZ			
	IAML	14:17:28.73		HZ	0.059	0.2			e pP	15:02:45.26		BZ			
PCAB	e P	14:17:04.50		EZ					IAMB	15:02:50.28		BZ	0.080	1.7	
	e S	14:17:33.00		EN				PCVE	e P	15:02:20.12		BZ			
	IAML	14:17:35.98		EZ	0.072	0.1			e sP	15:02:50.27		BZ			
POLO	e P	14:17:08.78		HZ					IAMB	15:02:58.89		BZ	0.064	1.5	
	e S	14:17:41.88		HE				MESJ	e P	15:02:22.21		BZ			
	IAML	14:17:44.02		HZ	0.015	0.2			e pP	15:02:44.67		BZ			



GGNV	e P	IAMs_20	21:01:54.32	LZ	0.464	18
PCAS	e P	IAMB	20:27:32.66	BZ	0.114	1.9
POLO	e P	IAMB	20:27:33.52	BZ	0.030	1.6
PTEO	e P	IAMB	20:27:34.93	SZ	0.109	1.4
PFVI	e P	IAMB	20:27:34.05	BZ	0.040	1.4
PMTG	e P	IAMB	20:27:34.24	BZ	0.075	1.7
MORF	e P	IAMB	20:27:34.83	BZ	0.075	1.7
MTE	e PP	IAMB	20:27:51.44	LZ	0.536	20
	e S	IAMB	20:30:41.11	LN	0.052	2.1
	e SS	IAMB	20:37:49.87	LE	0.043	1.8
	e LR	IAMB	20:43:04.83	LZ	0.042	1.7
		IAMBs_20	20:56:11.13	LZ	0.458	18
MESJ	e P	IAMBs_20	21:00:44.43	BZ	0.060	1.7
PCBR	e P	IAMBs_20	20:27:36.14	BZ	0.034	1.4
		IAMBs_20	20:27:39.20	SZ	0.052	2.0
MVO	e P	IAMBs_20	20:27:33.82	BZ	0.515	18
		IAMBs_20	20:27:38.54	BZ	0.058	2.1
		IAMBs_20	20:27:36.56	BZ	0.529	18
		IAMBs_20	20:27:42.60	BZ		
		IAMBs_20	20:37:37.71	LE		
		IAMBs_20	20:43:03.77	LE		
		IAMBs_20	20:56:54.80	LZ		
		IAMBs_20	21:02:18.67	LZ		
PCVE	e P	IAMBs_20	20:27:36.75	BZ		
		IAMBs_20	20:27:38.58	BZ		
PBEJ	e P	IAMBs_20	20:27:37.23	SZ		
		IAMBs_20	20:27:42.84	SZ		
PMRV	e P	IAMBs_20	20:27:37.23	BZ		
		IAMBs_20	20:27:39.35	BZ		
		IAMBs_20	20:30:51.70	LZ		
		IAMBs_20	20:37:54.78	LE		
		IAMBs_20	20:43:18.07	LE		
		IAMBs_20	20:57:00.91	LZ		
		IAMBs_20	21:01:16.35	LZ		
PBDV	e P	IAMBs_20	20:27:38.28	BZ		
		IAMBs_20	20:27:44.88	BZ		
PVAQ	e PP	IAMBs_20	20:30:54.49	LZ		
		IAMBs_20	20:54:28.89	LZ		
		IAMBs_20	21:00:20.33	LZ		
PBAR	e P	IAMBs_20	20:27:38.99	BZ		

<b>22-Abr</b>	<b>Ho</b>	<b>20:41:59.4</b>	<b>ML 1.2</b>
	<b>Lat</b>	<b>36.538°N</b>	<b>Lon 07.660°W</b>
	<b>Região:</b>	<b>Golfo de Cádiz</b>	<b>Prof 42*</b>
	<b>AxMax</b>	<b>6.8</b>	<b>AxMin 4.7</b>
	<b>Ang</b>	<b>168</b>	<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	20:42:12.52	HZ
	e S	20:42:22.79	HE
PVAQ	e P	20:42:14.39	HZ
	IAML	20:42:27.23	HZ
MORF	e P	20:42:17.25	HZ
	e S	20:42:31.20	HN
PCVE	e P	20:42:18.41	HZ
	e S	20:42:31.51	HE
PTEO	e S	20:42:36.34	EN
PMRV	e P	20:42:42.76	HZ

<b>22-Abr</b>	<b>Ho</b>	<b>20:44:52.2</b>	<b>ML 0.8</b>
	<b>Lat</b>	<b>37.178°N</b>	<b>Lon 08.583°W</b>
	<b>Região:</b>	<b>NW Portimão</b>	<b>Prof 5*</b>
	<b>AxMax</b>	<b>2.1</b>	<b>AxMin 1.7</b>
	<b>Ang</b>	<b>149</b>	<b>ErrZ 0</b>
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
MORF	i Pg	20:44:54.89	HZ
	e Sg	20:44:57.16	HN
	IAML	20:44:57.41	HZ
PFVI	e Pg	20:44:55.82	HZ
	e Sg	20:44:58.62	HN
	IAML	20:44:58.78	HZ
PTEO	e Pg	20:44:59.30	EZ
	e Sg	20:45:04.68	EE
PBDV	e Pg	20:45:01.89	HZ
	e Sg	20:45:09.22	HN
PCVE	e Pg	20:45:04.22	HZ

MESJ	e Sg	20:45:11.74	HE
	e S	20:45:15.11	HE
	IAML	20:45:16.20	HZ
PVAQ	e P	20:45:05.50	HZ
PBAR	e Sg	20:45:42.33	HN
PESTR	e Sg	20:45:51.59	HN
PMTG	e Sg	20:45:51.03	HN

<b>22-Abr</b>	<b>Ho</b>	<b>21:44:45.6</b>	<b>Distante (NEIC)</b>	<b>Mw 5.5</b>
	<b>Lat</b>	<b>50.311°N</b>	<b>Lon 130.106°W</b>	<b>Prof 10</b>
	<b>Região:</b>	<b>Vancouver Island, Canada</b>	<b>Region</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>	
PGAV	e S	22:06:13.76	LE	
	e LR	22:21:18.22	LZ	
	IAMBs_20	22:26:51.12	LZ	0.806 20
PCAB	e P	21:56:29.49	SZ	
	IAMB	21:56:34.53	SZ	0.075 1.6
POLO	e P	21:56:32.93	BZ	
	IAMB	21:56:38.29	BZ	0.055 1.5
MVO	e P	21:56:34.16	BZ	
	IAMB	21:56:41.10	BZ	0.057 1.5
	e S	22:06:20.91	LE	
	e LQ	22:16:03.99	LE	
	e LR	22:21:43.76	LZ	
	IAMBs_20	22:25:03.16	LZ	0.853 20
PVIS	e P	21:56:35.39	BZ	
PCAS	e P	21:56:35.25	BZ	
	IAMB	21:57:00.47	BZ	0.105 1.8
MTE	e S	22:06:27.22	LN	
	e LR	22:22:23.11	LZ	
	IAMBs_20	22:26:07.85	LZ	0.726 18
PCBR	e P	21:56:40.86	SZ	
	IAMB	21:56:45.57	SZ	0.052 1.5
PMTG	e P	21:56:39.94	BZ	
	IAMB	21:56:48.15	BZ	0.058 1.4
PMRV	e P	21:56:43.16	BZ	
	IAMB	21:56:48.54	BZ	0.039 1.6
	e S	22:06:35.77	LE	
	e LR	22:24:27.17	LZ	
	IAMBs_20	22:28:47.25	LZ	0.971 18
PESTR	e P	21:56:44.80	BZ	
	IAMB	21:56:49.91	BZ	0.064 1.4
PMOZ	e S	22:06:57.83	LE	
	e LR	22:24:11.80	LZ	
	IAMBs_20	22:26:49.22	LZ	0.938 18
PTEO	e P	21:56:48.80	SZ	
PVAQ	e LR	22:23:58.99	LZ	
	IAMBs_20	22:28:20.86	LZ	1.665 18

<b>23-Abr</b>	<b>Ho</b>	<b>00:36:53.2</b>	<b>Distante (NEIC)</b>	<b>mb 4.7</b>
	<b>Lat</b>	<b>21.565°N</b>	<b>Lon 61.972°E</b>	<b>Prof 10</b>
	<b>Região:</b>	<b>Owen Fracture Zone</b>	<b>Region</b>	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>	
MVO	e P	00:47:05.89	BZ	
PMRV	e P	00:47:06.67	BZ	
PCBR	e P	00:47:07.51	SZ	
PVRL	e P	00:47:08.42	SZ	
PCAS	e P	00:47:12.74	BZ	
PSBE	e P	00:47:14.94	BZ	
PTEO	e P	00:47:15.84	SZ	

23-Abr	Ho	02:18:13.1			ML 1.6		
	Lat	41.312°N	Lon	07.681°W	Prof 1		
	Região: NE Vila Real				Rms 0.4		
	AxMax	2.0	AxMin	1.7	Ang	66	
Est	Fase	P h:m:s		Dur	Co	ErrZ	3
PVRL	i Pg	c 02:18:13.71			SZ	Amp	Per
	e Sg	02:18:14.38			SE		
	IAML	02:18:14.71			SZ	0.558	0.1
POLO	e Pg	02:18:14.64			HZ		
	e Sg	02:18:16.13			HE		
	IAML	02:18:16.30			HZ	0.080	0.4
PCAB	e Pg	02:18:21.76			EZ		
	e Sg	02:18:27.99			EN		
	IAML	02:18:29.85			EZ	0.024	0.6
MVO	e Pg	02:18:22.69			HZ		
	e Sg	02:18:29.49			HN		
	IAML	02:18:31.38			HZ	0.028	0.5

PVIS	e Pg	02:18:24.68	HZ			
	e Sg	02:18:32.87	HE			
PTO	e P	02:18:26.76	SZ			
	e S	02:18:35.97	SN			
PGAV	e P	02:18:27.72	HZ			
	e S	02:18:38.06	HN			
	IAML	02:18:41.57	HZ	0.016	0.2	
MTE	e P	02:18:30.12	HZ			
	e S	02:18:42.31	HE			
	IAML	02:18:44.74	HZ	0.012	0.4	
COI	e P	02:18:36.28	HZ			
	e S	02:18:52.34	HN			
PCAS	e P	02:18:39.38	HZ			
	e S	02:18:58.04	HE			
	IAML	02:18:59.25	HZ	0.008	0.2	
PCBR	e Pn	02:18:39.53	EZ			
	e Sg	02:18:59.63	EE			
PMRV	e Pn	02:18:45.77	HZ			
	e Sg	02:19:12.48	HE			
PMTG	e Pn	02:18:50.52	HZ			
	e Pg	02:18:54.38	HZ			
	e Sn	02:19:17.91	HN			
	e Sg	02:19:24.05	HE			

#### 23-Abr

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMPST	e P	04:30:51.88		HZ		
	e S	04:31:20.22		HN		
FUL	e P	04:30:57.96		EZ		
	e S	04:31:33.48		EN		
PMAR	e P	04:30:58.57		HZ		
	e S	04:31:33.11		H1		
MORF	e P	04:31:26.64		HZ		
	e S	04:32:23.14		HE		
PFVI	e S	04:32:17.88		HE		
PTEO	e S	04:32:26.48		EE		
PBDV	e S	04:32:32.33		HE		
PCVE	e S	04:32:36.48		HE		

**23-Abr Ho 05:37:52.9 Distante (NEIC) Mw 6.4**  
**Lat 11.846°N Lon 125.187°E Prof 54**  
**Região: Samar, Philippines**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e PP	05:57:02.82		BZ		
	e LR	06:32:36.17		LZ		
	IAMs_20	06:48:34.22		LZ	8.182	20
PGAV	e LR	06:32:52.89		LZ		
	IAMs_20	06:46:53.81		LZ	6.894	22
PCAB	e PP	05:57:03.12		SZ		
POLO	e PP	05:57:04.97		BZ		
	IAMs_20	06:49:25.71		LZ	3.228	18
PVRL	e PP	05:57:04.99		SZ		
MTE	e PP	05:57:09.28		BZ		
	IAMs_20	06:49:17.51		LZ	10.11	20
PVIS	e PP	05:57:09.22		BZ		
PCBR	e PP	05:57:09.19		SZ		
PMRV	e PP	05:57:12.37		BZ		
	e LR	06:33:33.58		LZ		
	IAMs_20	06:49:12.94		LZ	4.471	22
COI	e PP	05:57:11.19		BZ		
PCAS	e PP	05:57:13.94		BZ		
PESTR	e PP	05:57:14.46		BZ		
PBAR	e PP	05:57:15.21		BZ		
PMTG	e PP	05:57:16.75		BZ		
PSBE	e PP	05:57:17.76		BZ		
PBEJ	e PP	05:57:18.77		SZ		
PVAQ	e PP	05:57:22.90		BZ		
	e LR	06:34:25.49		LZ		
	IAMs_20	06:49:54.59		LZ	5.683	20
MESJ	e PP	05:57:21.14		BZ		
PCVE	e PP	05:57:23.20		BZ		
PBDV	e PP	05:57:24.58		BZ		
	e LR	06:34:35.31		LZ		
	IAMs_20	06:50:11.72		LZ	5.955	20
MORF	e PP	05:57:26.32		BZ		
PFVI	e PP	05:57:27.93		BZ		
PMPST	e PP	05:58:16.97		BZ		
PMAR	e PP	05:58:22.49		BZ		

**23-Abr Ho 08:16:36.3 ML 3.1**  
**Lat 29.403°N Lon 16.581°W Prof 10\***  
**Região: Canary Islands, Spain Reg Rms 0.5**  
**AxMax104.9 AxMin 11.5 Ang 84 ErrZ 0**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
FUL	e P	08:17:21.64		EZ		
	e S	08:17:55.83		EE		
PMSOL	e P	08:17:22.56		SZ		
	e S	08:17:56.18		SE		
PMAR	e P	08:17:22.10		HZ		
	e S	08:17:56.93		H2		
PMOZ	e S	08:18:00.28		HN		

**23-Abr Ho 14:20:17.8 Distante (NEIC) Mw 6.0**  
**Lat 24.706°S Lon 178.764°W Prof 386**  
**Região: South of Fiji Islands**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
POLO	e PKPdf	14:39:34.27		BZ		
PVRL	e PKPdf	14:39:33.26		SZ		
MVO	e PKPdf	14:39:34.91		BZ		
	e PKPab	14:40:24.42		BZ		
PVIS	e PKPdf	14:39:34.54		BZ		
PCAS	e PKPdf	14:39:35.57		BZ		
MTE	e PKPdf	14:39:35.63		BZ		
PSBE	e PKPab	14:40:24.08		BZ		
PCBR	e PKPdf	14:39:35.97		SZ		
PMRV	e PKPdf	14:39:35.85		BZ		
PESTR	e PKPdf	14:39:36.90		BZ		
	e PKPab	14:40:31.03		BZ		
MESJ	e PKPdf	14:39:37.48		BZ		
PBEJ	e PKPdf	14:39:36.67		SZ		
	e PKPab	14:40:35.53		SZ		
PTEO	e PKPdf	14:39:36.17		SZ		
PBAR	e PKPdf	14:39:37.38		BZ		
MORF	e PKPdf	14:39:37.89		BZ		
	e PKPab	14:40:36.23		BZ		
PCVE	e PKPdf	14:39:36.86		BZ		
PFVI	e PKPdf	14:39:35.88		BZ		
PBDV	e PKPdf	14:39:38.28		BZ		

**23-Abr Ho 15:54:33.9 ML 1.5**  
**Lat 36.753°N Lon 07.102°W Prof 20**  
**Região: Golfo de Cádiz Rms 0.4**  
**AxMax 9.4 AxMin 4.7 Ang 160 ErrZ 6**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	15:54:49.06		HZ		
	IAML	15:55:00.84		HZ	0.010	0.2
PBDV	e P	15:54:48.57		HZ		
	e S	15:55:00.12		HN		
	IAML	15:55:02.18		HZ	0.005	0.9
PCVE	e S	15:55:08.16		HN		
	IAML	15:55:13.66		HZ	0.003	0.8
MORF	e P	15:54:56.79		HZ		
	e S	15:55:12.97		HN		
	IAML	15:55:14.13		HZ	0.004	0.4
PBAR	e P	15:54:57.54		HZ		
	e S	15:55:14.57		HE		
	IAML	15:55:18.63		HZ	0.002	0.3
PFVI	e S	15:55:14.18		HE		
PTEO	e S	15:55:17.87		EE		
	IAML	15:55:19.22		EZ	0.013	1.0
PMTG	e S	15:55:40.38		HE		
PMRV	e S	15:55:45.94		HE		

**23-Abr Ho 20:15:50.8 Distante (NEIC) Mw 5.9**  
**Lat 28.414°N Lon 94.599°E Prof 14**  
**Região: Eastern Xizang-India Border Reg.**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e P	20:27:58.98		BZ		
	e PcP	20:28:07.40		BZ		
	IAMB	20:28:08.69		BZ	0.087	1.3
PCAB	e P	20:28:01.64		SZ		
	e PcP	20:28:08.01		SZ		
POLO	e P	20:28:01.74		BZ		
	IAMB	20:28:40.07		BZ	0.040	1.7
PGAV	e P	20:28:01.38		BZ		
	IAMB	20:28:21.98		BZ	0.114	1.6

MTE	e P	20:28:03.76	BZ				
	IAMB	20:28:18.10	BZ	0.153	1.6		
PVIS	e P	20:28:04.25	BZ				
PCBR	e P	20:28:04.74	SZ				
	PcP	20:28:09.83	SZ				
	IAMB	20:29:24.91	SZ	0.090	1.7		
PMRV	e P	20:28:04.89	BZ				
	PcP	20:28:10.95	BZ				
	IAMB	20:28:14.41	BZ	0.104	1.7		
COI	e P	20:28:07.15	BZ				
PBAR	e P	20:28:06.70	BZ				
	IAMB	20:28:09.02	BZ	0.115	1.4		
	PcP	20:28:12.56	BZ				
PESTR	e P	20:28:07.37	BZ				
	IAMB	20:28:08.18	BZ	0.064	1.5		
	PcP	20:28:12.68	BZ				
PMTG	e P	20:28:08.32	BZ				
	PcP	20:28:13.93	BZ				
	IAMB	20:28:23.39	BZ	0.077	1.5		
PSBE	e P	20:28:15.32	BZ				
PBEJ	e P	20:28:10.85	SZ				
	PcP	20:28:16.18	SZ				
	IAMB	20:28:22.14	SZ	0.077	1.5		
PVAQ	e P	20:28:11.21	BZ				
	PcP	20:28:17.09	BZ				
	IAMB	20:28:31.62	BZ	0.134	1.6		
PCVE	e P	20:28:12.25	BZ				
	IAMB	20:28:23.12	BZ	0.069	1.5		
MESJ	e P	20:28:12.61	BZ				
	PcP	20:28:17.40	BZ				
	IAMB	20:28:24.14	BZ	0.109	1.6		
PBDV	e P	20:28:12.56	BZ				
	IAMB	20:28:24.79	BZ	0.155	1.4		
MORF	e P	20:28:15.99	BZ				
PFVI	e P	20:28:16.78	BZ				

**24-Abr** Ho 04:17:35.2 ML 2.8  
Lat 36.706°N Lon 02.671°W Prof 1  
Região: SE Granada (ESP) Rms 0.4  
AxMax 3.1 AxMin 2.0 Ang 159 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:18:33.95		HZ		
	IAML	04:19:48.96		HZ	0.015	0.6
PVAQ	e Pn	04:18:37.48		HZ		
	IAML	04:19:57.87		HZ	0.010	0.5
MESJ	e Pn	04:18:44.28		HZ		
	IAML	04:20:17.03		HZ	0.007	0.5
PMRV	e Sg	04:20:00.29		HN		
	IAML	04:20:11.69		HZ	0.013	0.5
PCBR	e Pn	04:18:50.72		EZ		
	Sg	04:20:13.03		EN		
	IAML	04:20:22.15		EZ	0.009	0.6
PMTG	e Pn	04:18:53.60		HZ		
	IAML	04:20:20.97		HZ	0.011	0.6
MTE	e P	04:18:56.28		HZ		
	IAML	04:20:38.54		HZ	0.017	0.6
MVO	e Pn	04:19:01.53		HZ		
	Sn	04:20:03.50		HE		
	Sg	04:20:33.48		HE		
	IAML	04:20:39.48		HZ	0.012	0.7
PCAS	e Sn	04:20:05.07		HE		
	IAML	04:20:47.80		HZ	0.010	0.7
PVIS	e Pn	04:19:02.02		HZ		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PCAB	e Sg	09:15:38.90		EN		
MVO	e Sn	09:15:39.15		HE		
	Sg	09:15:52.77		HE		
	IAML	09:15:57.15		HZ	0.006	0.5
POLO	e Sg	09:15:47.79		HN		
	IAML	09:15:50.45		HZ	0.004	0.5
PVIS	e Sg	09:16:07.33		HE		

**24-Abr** Ho 18:57:32.2 Distante (NEIC) Mw 5.4  
Lat 21.534°S Lon 68.624°W Prof 147  
Região: Chile-Bolivia Border Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
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PTEO	e P	19:09:34.64	SZ				
	IAMB	19:09:49.23	SZ	0.129	1.6		
PBDV	e P	19:09:36.34	BZ				
	IAMB	19:09:45.73	BZ	0.126	1.8		
MESJ	e P	19:09:37.07	BZ				
	IAMB	19:09:43.28	BZ	0.039	1.7		
PCVE	e P	19:09:37.10	BZ				
	IAMB	19:09:38.07	BZ	0.082	1.8		
PVAQ	e P	19:09:37.66	BZ				
	IAMB	19:09:43.42	BZ	0.069	1.6		
PBEJ	e P	19:09:38.80	SZ				
	IAMB	19:09:51.46	SZ	0.039	1.7		
PMTG	e P	19:09:40.41	BZ				
	IAMB	19:09:48.52	BZ	0.063	1.4		
PBAR	e P	19:09:41.79	BZ				
	IAMB	19:09:52.64	BZ	0.036	1.4		
PESTR	e P	19:09:42.06	BZ				
	IAMB	19:09:44.21	BZ	0.067	1.9		
PCAS	e P	19:09:41.79	BZ				
	IAMB	19:09:47.09	BZ	0.050	1.9		
MTE	e P	19:09:46.32	BZ				
	IAMB	19:09:49.99	BZ	0.060	1.9		
PVRL	e P	19:09:48.42	SZ				
	IAMB	19:09:58.16	SZ	0.056	1.7		
POLO	e P	19:09:48.42	BZ				
	IAMB	19:09:55.32	BZ	0.025	1.6		
PCAB	e P	19:09:48.78	SZ				
	IAMB	19:10:04.59	SZ	0.101	1.6		
MVO	e P	19:09:49.82	BZ				
	IAMB	19:09:52.87	BZ	0.040	1.1		

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Sg	01:05:05.10		HN		
PMRV	e Sg	01:05:25.11		HE		

**25-Abr** Ho 01:36:06.2 ML 2.2  
Lat 34.945°N Lon 11.897°W Prof 25  
Região: Madeira Islands, Portugal Rms 0.4  
AxMax 17.4 AxMin 5.8 Ang 75 ErrZ 22

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	01:36:54.42		HZ		
	S	01:37:30.21		HE		
MORF	e P	01:36:57.17		HZ		
	S	01:37:35.63		HE		
	IAML	01:37:39.84		HZ	0.006	0.8
PTEO	e S	01:37:39.28		EE		
PBDV	e P	01:37:03.57		HZ		
	S	01:37:45.80		HN		
PCVE	e P	01:37:05.79		HZ		
	S	01:37:50.22		HE		
	IAML	01:37:53.52		HZ	0.004	0.9
MESJ	e S	01:37:51.09		HN		
	IAML	01:37:55.98		HZ	0.003	0.8
PVAQ	e P	01:37:06.53		HZ		
	IAML	01:37:53.17		HZ	0.004	0.7
PMAFR	e S	01:37:59.69		HE		
PMTG	e P	01:37:18.19		HZ		
	S	01:38:12.32		HE		
	IAML	01:38:15.12		HZ	0.003	0.8
PBAR	e P	01:37:18.18		HZ		
	S	01:38:13.20		HN		
PSBE	e P	01:37:19.98		HZ		
PMRV	e S	01:38:28.38		HN		
PCAS	e S	01:38:29.51		HN		
PVIS	e S	01:38:48.61		HN		
MVO	e S	01:39:07.04		HE		

**25-Abr**

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	02:49:01.72		HZ		
	S	02:49:47.33		HE		
	IAML	02:49:50.92		HZ	0.001	0.6
PVAQ	e P	02:49:02.97		HZ		
	IAML	02:49:48.60		HZ	0.003	0.8
PBDV	e S	02:49:49.41		HN		
PESTR	e S	02:50:08.21		HE		



<b>25-Abr Ho 04:51:32.8 ML 1.0</b>									
<b>Lat 41.285°N Lon 07.759°W Prof 0</b>									
<b>Região: SW Vila Real Rms 0.2</b>									
<b>AxMax 3.3 AxMin 2.8 Ang 80 ErrZ 6</b>									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PVRL	e Pg	04:51:33.35		SZ					
	e Sg	04:51:34.04		SN					
	IAML	04:51:34.42		SZ	0.057	0.1			
POLO	i Pg	04:51:34.45		HZ					
	e Sg	04:51:35.82		HN					
	IAML	04:51:35.93		HZ	0.013	0.1			
PCAB	e Sg	04:51:47.77		EE					
	IAML	04:51:50.98		EZ	0.009	0.7			
MVO	e Pg	04:51:45.34		HZ					
	e Sg	04:51:49.60		HE					
	IAML	04:51:50.60		HZ	0.010	0.5			
PVIS	e S	04:51:56.71		HE					
MTE	e P	04:51:50.58		HZ					
	e S	04:52:02.45		HE					
	IAML	04:52:03.58		HZ	0.004	0.6			
PCAS	e S	04:52:18.15		HE					
PCBR	e P	04:51:59.99		EZ					
	e S	04:52:18.69		EN					
	IAML	04:52:20.82		EZ	0.003	0.8			
PMRV	e Sg	04:52:32.37		HE					
PMTG	e Sn	04:52:38.57		HE					
	e Sg	04:52:46.03		HN					
<b>25-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>			
PMRV	e Sn	05:43:06.88		HN					
	e Sg	05:43:19.59		HN					
	IAML	05:43:26.00		HZ	0.003	0.6			
MVO	e Sg	05:43:10.02		HN					
	IAML	05:43:13.15		HZ	0.004	1.0			
PBAR	e Sn	05:43:15.82		HE					
	IAML	05:43:38.81		HZ	0.003	1.1			
PMTG	e Sn	05:43:24.97		HE					
PESTR	e Sg	05:43:30.70		HN					
	IAML	05:43:40.39		HZ	0.002	0.5			
PCAB	e Sg	05:43:38.24		EE					
MESJ	e Sn	05:43:39.36		HE					
<b>25-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>			
PBDV	e P	13:49:48.26		HZ					
	e S	13:49:56.84		HN					
	IAML	13:50:05.27		HZ	0.006	0.3			
PCVE	e P	13:49:53.88		HZ					
	e S	13:50:06.51		HE					
PVAQ	e S	13:50:01.39		HZ					
PFVI	e S	13:50:02.46		HN					
PTEO	e S	13:50:08.66		EN					
MESJ	e S	13:50:12.31		HN					
	IAML	13:50:13.73		HZ	0.002	0.1			
<b>25-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 Sg	13:52:58.16		HE					
	IAML	13:53:02.66		HZ	0.002	0.8			
<b>26-Abr Ho 06:22:32.1 Distante (NEIC) Mw 5.5</b>									
<b>Lat 25.913°S Lon 71.129°W Prof 17</b>									
<b>Região: Off Coast of Northern 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>			
PMPST	e P	06:34:32.48		BZ					
PFVI	e P	06:35:11.99		BZ					
	IAMB	06:35:13.52		BZ	0.228	1.5			
MORF	e P	06:35:12.85		BZ					
	IAMB	06:35:15.52		BZ	0.122	1.6			
	e -	06:35:23.03		BZ					
PTEO	e P	06:35:13.11		SZ					
	IAMB	06:35:16.04		SZ	0.202	1.9			
	e -	06:35:24.14		SZ					
PBDV	e P	06:35:15.06		BZ					
	e -	06:35:25.56		BZ					
	IAMB	06:35:26.32		BZ	0.212	1.2			
PCVE	e P	06:35:16.05		BZ					
<b>26-Abr Ho 15:04:10.2 Distante (NEIC) Mw 5.0</b>									
<b>Lat 05.264°N Lon 82.783°W Prof 10</b>									
<b>Região: South of Panama</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	15:15:49.29		BZ					
MESJ	e P	15:15:51.41		BZ					
PCAS	e P	15:15:52.49		BZ					
	IAMB	15:16:12.48		BZ	0.106	1.7			
PMTG	e P	15:15:51.51		BZ					
PCVE	e P	15:15:53.02		BZ					
	IAMB	15:15:55.85		BZ	0.059	1.8			
PESTR	e P	15:15:54.20		BZ					
	IAMB	15:15:58.05		BZ	0.042	1.3			
MTE	e P	15:15:54.46		BZ					
PCBR	e P	15:15:55.92		SZ					
	IAMB	15:15:57.65		SZ	0.038	1.6			
PMRV	e P	15:15:57.30		BZ					
PBAR	e P	15:15:56.15		BZ					
	IAMB	15:16:04.61		BZ	0.030	1.6			
<b>26-Abr Ho 16:13:27.5 ML 0.8</b>									
<b>Lat 37.308°N Lon 08.585°W Prof 15</b>									
<b>Região: SW Monchique Rms 0.1</b>									
<b>AxMax 1.6 AxMin 1.5 Ang 142 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>			
MORF	e Pg	16:13:30.02		HZ					
	e Sg	16:13:32.41		HN					
	IAML	16:13:32.73		HZ	0.020	0.1			
PFVI	e Pg	16:13:32.87		HZ					
	e Sg	16:13:36.67		HN					
PTEO	i Pg	16:13:32.96		EZ					
	e Sg	16:13:37.02		EN					
PBDV	e Pg	16:13:37.39		HZ					
	e Sg	16:13:44.74		HE					
PCVE	e Pg	16:13:37.48		HZ					
	e Sg	16:13:44.94		HN					
MESJ	e P	16:13:38.75		HZ					
	e S	16:13:46.74		HE					
PVAQ	e P	16:13:40.36		HZ					
	e S	16:13:50.70		HZ					
<b>26-Abr Ho 18:36:03.1 ML 2.0</b>									
<b>Lat 36.400°N Lon 07.790°W Prof 20</b>									
<b>Região: Golfo de Cádiz Rms 0.5</b>									
<b>AxMax 4.9 AxMin 3.4 Ang 41 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>			
PBDV	e P	18:36:18.43		HZ					
	e S	18:36:29.61		HE					
	IAML	18:36:29.85		HZ	0.014	0.2			
PVAQ	e P	18:36:20.57		HZ					
	e S	18:36:33.41		HZ					
	IAML	18:36:34.35		HZ	0.040	0.2			
PFVI	e P	18:36:21.58		HZ					
	e S	18:36:35.92		HN					
	IAML	18:36:49.31		HZ	0.012	0.3			
MORF	e P	18:36:22.00		HZ					
	e S	18:36:38.24		HE					
	IAML	18:36:45.39		HZ	0.015	0.2			
PCVE	e P	18:36:24.18		HZ					

	e S	18:36:39.50	HN					MESJ	e Sg	05:35:02.35	HN						
	IAML	18:36:40.32	HZ	0.017	0.6												
PTEO	e P	18:36:25.54	EZ					<b>27-Abr</b>	<b>Ho</b>	<b>06:52:53.4</b>				<b>ML 1.0</b>			
	e S	18:36:42.31	EN						<b>Lat</b>	<b>37.320°N</b>	<b>Lon</b>	<b>08.602°W</b>		<b>Prof 13</b>			
	IAML	18:36:43.06	EZ	0.003	0.1				<b>Região:</b>	<b>W Monchique</b>				<b>Rms 0.1</b>			
MESJ	e P	18:36:27.27	HZ						<b>AxMax</b>	<b>1.7</b>	<b>AxMin</b>	<b>1.6</b>	<b>Ang</b>	<b>134</b>	<b>ErrZ</b>	<b>3</b>	
	e S	18:36:45.38	HE					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
	IAML	18:36:46.35	HZ	0.011	0.2			MORF	i Pg	c	06:52:55.63	HZ					
PBEJ	e S	18:36:48.58	EE						e Sg		06:52:57.64	HE					
	IAML	18:36:49.06	EZ	0.007	0.2				IAML		06:52:57.90	HZ	0.164	0.1			
PBAR	e P	18:36:33.22	HZ					PTEO	i Pg	d	06:52:58.45	EZ					
	e S	18:36:54.64	HN						e Sg		06:53:02.08	EN					
	IAML	18:36:58.45	HZ	0.005	0.3			PFVI	e Pg		06:52:58.56	HZ					
PESTR	e P	18:36:41.59	HZ						e Sg		06:53:02.35	HE					
	e S	18:37:08.62	HE						IAML		06:53:03.44	HZ	0.012	0.1			
	IAML	18:37:10.50	HZ	0.002	0.1			PBDV	e Pg		06:53:03.65	HZ					
PMTG	e P	18:36:43.76	HZ						e Sg		06:53:10.87	HN					
	e S	18:37:14.84	HN						IAML		06:53:15.91	HZ	0.004	0.6			
	IAML	18:37:15.69	HZ	0.005	0.1			PCVE	e Pg		06:53:03.48	HZ					
PMAFR	e P	18:36:45.89	HZ						e Sg		06:53:10.89	HN					
	e S	18:37:16.83	HN					MESJ	e Pg		06:53:04.70	HZ					
PMRV	e P	18:36:48.63	HZ						e Sg		06:53:12.49	HE					
	e S	18:37:22.92	HE						IAML		06:53:15.29	HZ	0.002	0.2			
	IAML	18:37:24.00	HZ	0.004	0.3			PBAR	e Sg		06:53:40.06	HN					
PSBE	e P	18:36:51.27	HZ														
	e S	18:37:27.51	HZ					<b>27-Abr</b>	<b>Ho</b>	<b>09:41:27.5</b>				<b>ML 2.1</b>			
PCBR	e P	18:36:54.30	EZ						<b>Lat</b>	<b>36.842°N</b>	<b>Lon</b>	<b>10.388°W</b>		<b>Prof 22*</b>			
	e S	18:37:32.79	EE						<b>Região:</b>	<b>Gorringe</b>				<b>Rms 0.3</b>			
	IAML	18:37:33.81	EZ	0.005	0.3				<b>AxMax</b>	<b>5.4</b>	<b>AxMin</b>	<b>3.3</b>	<b>Ang</b>	<b>66</b>	<b>ErrZ</b>	<b>0</b>	
PCAS	e P	18:36:58.19	HZ					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
	e S	18:37:39.26	HE					PFVI	i P	c	09:41:48.33	HZ					
MTE	e S	18:37:46.21	HN						e S		09:42:03.84	HN					
	IAML	18:37:48.46	HZ	0.003	0.3				IAML		09:42:04.87	HZ	0.029	0.4			
MVO	e S	18:38:04.63	HN					MORF	e P		09:41:50.91	HZ					
	IAML	18:38:06.91	HZ	0.002	0.3				e S		09:42:08.76	HE					
POLO	e P	18:37:15.66	HZ						IAML		09:42:10.77	HZ	0.020	0.4			
	e S	18:38:10.16	HN					PTEO	e P		09:41:51.58	EZ					
PGAV	e P	18:37:23.63	HZ						e S		09:42:09.73	EN					
	e S	18:38:22.90	HN						IAML		09:42:10.64	EZ	0.009	0.1			
<b>27-Abr</b>								MESJ	e P		09:41:58.20	HZ					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e S		09:42:21.60	HN					
PVAQ	e Pn	01:00:47.04	HZ						IAML		09:42:27.30	HZ	0.005	0.1			
	e Pg	01:00:51.32	HZ					PBDV	e P		09:41:58.15	HZ					
	e Sn	01:01:12.24	HZ						e S		09:42:21.67	HN					
PBDV	e Pn	01:00:49.28	HZ						IAML		09:42:26.94	HZ	0.007	0.4			
	e Sn	01:01:15.17	HE					PCVE	e P		09:41:59.03	HZ					
PMRV	e Pn	01:01:02.81	HZ						e S		09:42:22.48	HN					
	e Sn	01:01:34.11	HE						IAML		09:42:23.34	HZ	0.008	0.2			
PBAR	e Sn	01:01:09.87	HE					PVAQ	e P		09:42:21.43	HZ					
	e Sg	01:01:14.61	HN						e S		09:42:26.99	HZ					
	IAML	01:01:21.81	HZ	0.002	0.6				IAML		09:42:28.60	HZ	0.013	0.3			
<b>27-Abr</b>								PMAFR	e P		09:42:01.82	HZ					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e S		09:42:28.35	HE					
PGAV	e P	02:50:22.77	HZ						IAML		09:42:35.21	HZ	0.022	0.7			
	e S	02:50:34.94	HN					PBEJ	e S		09:42:29.35	EN					
	IAML	02:50:35.91	HZ	0.008	0.1				IAML		09:42:30.12	EZ	0.004	0.8			
PCAB	e P	02:50:27.94	EZ					PMTG	e P		09:42:09.41	HZ					
	e S	02:50:43.25	EN						e S		09:42:40.57	HN					
	IAML	02:50:45.81	EZ	0.008	0.3				IAML		09:42:42.76	HZ	0.003	0.1			
POLO	e P	02:50:34.57	HZ					PBAR	e S		09:42:44.54	HN					
	e S	02:50:53.67	HN						IAML		09:42:47.09	HZ	0.003	0.1			
	IAML	02:50:55.39	HZ	0.002	0.6			PESTR	e S		09:42:45.29	HN					
PVIS	e Sg	02:51:07.18	HE						IAML		09:42:48.77	HZ	0.003	0.8			
MVO	e Sg	02:51:11.64	HE					PMRV	e P		09:42:18.45	HZ					
<b>27-Abr</b>									e S		09:42:56.88	HE					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			IAML		09:42:58.74	HZ	0.002	0.2			
PBAR	e P	05:34:17.10	HZ					PCAS	e S		09:42:58.22	HN					
	e S	05:34:34.26	HN						IAML		09:43:00.60	HZ	0.002	0.3			
	IAML	05:34:35.56	HZ	0.003	0.6			PVIS	e S		09:43:17.41	HN					
PESTR	e Pg	05:34:27.82	HZ					POLO	e S		09:43:31.69	HN					
	e Sn	05:34:47.72	HE						IAML		09:43:38.30	HZ	0.001	0.7			
	e Sg	05:34:53.63	HE					MVO	e S		09:43:34.06	HN					
PVAQ	e Sg	05:34:53.54	HZ						IAML		09:43:36.20	HZ	0.003	0.5			
PCVE	e Sg	05:34:57.89	HN					PGAV	e S		09:43:42.04	HN					
PMRV	e Sg	05:34:58.56	HN					<b>27-Abr</b>	<b>Ho</b>	<b>15:45:25.6</b>				<b>ML 2.0</b>			
									<b>Lat</b>	<b>36.820°N</b>	<b>Lon</b>	<b>10.922°W</b>		<b>Prof 29*</b>			
									<b>Região:</b>	<b>Gorringe</b>				<b>Rms 0.3</b>			





PBAR	e S	17:04:08.99	HE				IAML	00:41:55.05	EZ	0.004	0.1
	IAML	17:04:12.57	HZ	0.004	0.7		PBDV	e P	00:41:42.62	HZ	
PMTG	e P	17:03:31.88	HZ					e S	00:42:02.47	HN	
	e S	17:04:10.29	HE				PCVE	e P	00:41:44.56	HZ	
	IAML	17:04:13.10	HZ	0.004	0.3			e S	00:42:05.76	HN	
PESTR	e S	17:04:13.18	HN					IAML	00:42:07.59	HZ	0.002 0.6
	IAML	17:04:14.71	HZ	0.002	0.4		MESJ	e P	00:41:44.50	HZ	
PSBE	e P	17:03:34.41	HZ					e S	00:42:05.82	HE	
	e S	17:04:17.35	HZ					IAML	00:42:08.20	HZ	0.003 1.0
PMRV	e P	17:03:40.65	HZ				PVAQ	e P	00:41:46.03	HZ	
	e S	17:04:25.71	HN					IAML	00:42:11.42	HZ	0.003 0.9
	IAML	17:04:27.51	HZ	0.003	0.2		PBEJ	e P	00:41:49.01	EZ	
PCBR	e S	17:04:33.71	EN					e S	00:42:13.35	EN	
PVIS	e S	17:04:49.33	HN					IAML	00:42:17.76	EZ	0.002 0.3
POLO	e P	17:04:02.56	HZ				PMAFR	e P	00:41:52.76	HZ	
	e S	17:05:05.63	HN					e S	00:42:21.07	HN	
MVO	e P	17:04:03.04	HZ				PBAR	e S	00:42:28.67	HE	
	e S	17:05:04.60	HE					IAML	00:42:33.02	HZ	0.001 0.7
	IAML	17:05:09.38	HZ	0.002	0.6		PMTG	e P	00:41:58.01	HZ	
								e S	00:42:29.41	HE	
								IAML	00:42:32.12	HZ	0.001 0.1
							PESTR	e S	00:42:32.46	HE	
								IAML	00:42:34.81	HZ	0.001 0.8
							PMRV	e P	00:42:06.76	HZ	
								e S	00:42:44.45	HE	
28-Abr	Ho	17:48:23.9	Distante (NEIC)			mb 5.0					
	Lat	09.302°N	Lon	63.036°W		Prof 49					
	Região: Venezuela										
Est	Fase	P	h:m:s	Dur	Co	Amp	Per				
PTEO	e PcP		17:58:59.48		SZ						
PBDV	e P		17:58:05.49		BZ						
PCVE	e PcP		17:59:01.43		BZ						
PMTG	e P		17:58:07.65		BZ						
	e PcP		17:59:01.45		BZ						
PCAS	e P		17:58:10.17		BZ						
PCBR	e P		17:58:14.64		SZ						
	e PcP		17:59:04.90		SZ						
PGAV	e P		17:58:11.44		BZ						
MVO	e P		17:58:16.84		BZ						
28-Abr	Ho	20:48:05.9				ML 1.2					
	Lat	36.620°N	Lon	07.968°W		Prof 28					
	Região: Golfo de Cádiz										
	AxMax	10.5	AxMin	6.6	Ang	177	ErrZ	8			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per				
PBDV	e P		20:48:17.76		HZ						
	e S		20:48:26.06		HE						
	IAML		20:48:31.85		HZ	0.004	0.4				
PVAQ	e P		20:48:20.04		HZ						
	e S		20:48:30.51		HZ						
	IAML		20:48:32.22		HZ	0.003	0.4				
PFVI	e S		20:48:31.44		HE						
	IAML		20:48:34.69		HZ	0.007	0.6				
MORF	e P		20:48:20.92		HZ						
	e S		20:48:33.10		HN						
	IAML		20:48:34.65		HZ	0.003	0.2				
PCVE	e P	d	20:48:23.15		HZ						
	e S		20:48:35.68		HN						
	IAML		20:48:35.79		HZ	0.002	0.1				
PTEO	e S		20:48:37.17		EE						
MESJ	e S		20:48:41.23		HE						
	IAML		20:48:51.06		HZ	0.002	0.4				
PBEJ	e S		20:48:45.55		EN						
PBAR	e S		20:48:51.92		HE						
	IAML		20:48:56.48		HZ	0.001	0.2				
PESTR	e S		20:49:06.80		HN						
PMTG	e P		20:48:43.76		HZ						
	e S		20:49:10.46		HN						
	IAML		20:49:12.26		HZ	0.001	0.2				
PMRV	e P		20:48:48.35		HZ						
29-Abr	Ho	00:41:16.2				ML 1.4					
	Lat	36.607°N	Lon	09.782°W		Prof 14					
	Região: SW Cabo S.Vicente										
	AxMax	5.8	AxMin	5.7	Ang	10	ErrZ	5			
Est	Fase	P	h:m:s	Dur	Co	Amp	Per				
PFVI	e P		00:41:33.09		HZ						
	e S		00:41:45.34		HE						
	IAML		00:41:47.28		HZ	0.003	0.2				
MORF	e S		00:41:51.45		HN						
	IAML		00:41:56.89		HZ	0.004	0.1				
PTEO	e P		00:41:37.89		EZ						
	e S		00:41:54.09		EN						

	IAMs_20	02:57:40.35	LZ	5.062	20		IAML	03:48:33.63	HZ	0.001	0.4
	e T	03:07:20.63	HZ			PMRV	e Pg	03:48:12.95	HZ		
PVRL	e P	02:52:39.87	SZ				e Sg	03:48:42.07	HN		
	IAMB	02:52:42.59	SZ	0.150	1.6						
	e T	03:07:05.38	SZ								
PCBR	e P	02:52:40.40	SZ								
	IAMB	02:52:49.60	SZ	0.220	1.5						
	e T	03:07:26.36	EZ								
PTEO	e P	02:52:41.35	SZ								
	IAMB	02:53:05.48	SZ	0.183	1.7						
MVO	e P	02:52:41.52	BZ								
	IAMB	02:52:48.90	BZ	0.086	1.6						
	e S	02:56:03.19	LE								
	IAMs_20	02:57:56.88	LZ	4.556	20						
	e T	03:07:28.56	HZ								
PFVI	e P	02:52:43.32	BZ								
	IAMB	02:52:50.55	BZ	0.286	1.6						
PESTR	e P	02:52:43.41	BZ								
	IAMB	02:52:52.70	BZ	0.244	1.8						
	e T	03:07:42.88	HZ								
PMRV	e P	02:52:43.51	BZ								
	IAMB	02:52:53.29	BZ	0.157	1.8						
	e S	02:56:06.57	LN								
	IAMs_20	02:58:06.13	LZ	7.109	20						
	e T	03:07:25.94	HZ								
MORF	e P	02:52:43.93	BZ								
	IAMB	02:52:51.92	BZ	0.424	1.6						
	e T	03:08:33.30	HZ								
MESJ	e P	02:52:44.28	BZ								
	IAMB	02:52:51.99	BZ	0.338	1.6						
	e T	03:07:59.50	HZ								
PBEJ	e P	02:52:46.79	SZ								
	IAMB	02:52:54.80	SZ	0.330	1.7						
PCVE	e P	02:52:47.62	BZ								
	IAMB	02:52:55.31	BZ	0.275	1.7						
	e T	03:08:15.01	HZ								
PBDV	e P	02:52:51.90	BZ								
	IAMB	02:52:58.37	BZ	0.337	1.6						
PVAQ	e P	02:52:51.90	BZ								
	IAMB	02:52:58.80	BZ	0.137	2.0						
	IAMs_20	02:58:12.21	LZ	6.777	20						
	e T	03:08:09.44	HZ								
PBAR	e P	02:52:53.10	BZ								
	IAMB	02:53:00.96	BZ	0.282	1.7						
	e T	03:08:02.01	HZ								
PMAFR	e -	03:07:12.39	HZ								
<hr/>											
29-Abr	Ho	03:47:33.7				ML	0.9				
	Lat	37.295°N				Prof	0*				
	Lon	07.961°W				Rms	0.3				
	Região:	NW S.Brás de Alportel				ErrZ	0				
	AxMax	2.0	AxMin	1.7	Ang	97					
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PBDV	i Pg	d 03:47:34.36		HZ							
	e Sg	03:47:35.44		HN							
	IAML	03:47:35.84		HZ	0.039	0.3					
PVAQ	i Pg	c 03:47:37.90		HZ							
	e Sg	03:47:41.30		HN							
	IAML	03:47:41.44		HZ	0.007	0.6					
PCVE	e Pg	03:47:40.26		HZ							
	e Sg	03:47:44.75		HE							
	IAML	03:47:45.83		HZ	0.004	0.3					
MORF	e Pg	03:47:43.99		HZ							
	e Sg	03:47:51.06		HE							
	IAML	03:47:52.72		HZ	0.006	0.9					
MESJ	e Pg	03:47:44.13		HZ							
	e Sg	03:47:52.11		HN							
	IAML	03:47:55.60		HZ	0.002	0.3					
PTEO	e Sg	03:47:54.67		EE							
PFVI	e Pg	03:47:47.11		HZ							
	e Sg	03:47:56.92		HE							
	IAML	03:47:58.21		HZ	0.006	0.7					
PBEJ	e S	03:47:57.62		EE							
	IAML	03:48:00.80		EZ	0.003	0.3					
PBAR	e P	03:47:54.47		HZ							
	e S	03:48:11.32		HE							
PESTR	e Sg	03:48:24.43		HE							
PMTG	e Pg	03:48:05.99		HZ							
	e Sg	03:48:30.25		HN							
<hr/>											
	IAML	03:48:33.63		HZ	0.001	0.4					
	e Pg	03:48:12.95		HZ							
	e Sg	03:48:42.07		HN							
<hr/>											
29-Abr											
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PBDV	i Pg	d 03:48:18.01		HZ							
	e Sg	03:48:19.09		HN							
	IAML	03:48:19.52		HZ	0.002	0.1					
PVAQ	e Pg	c 03:48:21.56		HZ							
<hr/>											
29-Abr	Ho	04:43:17.3				Distante (NEIC)	mb 5.0				
	Lat	35.360°N				Lon	27.694°E				
	Região:	Dodecanese Islands, Greece				Prof	29				
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
MVO	e P	04:49:03.70		BZ							
	IAMB	04:49:13.69		BZ	0.035	1.5					
PBAR	e P	04:49:04.15		BZ							
	IAMB	04:49:21.13		BZ	0.036	1.3					
PMRV	e P	04:49:06.00		BZ							
	IAMB	04:49:07.02		BZ	0.024	1.2					
PCBR	e P	04:49:06.56		SZ							
	IAMB	04:49:08.82		SZ	0.032	1.3					
MTE	e P	04:49:06.94		BZ							
	IAMB	04:49:15.34		BZ	0.028	1.2					
PESTR	e P	04:49:07.60		BZ							
	IAMB	04:49:54.65		BZ	0.037	1.7					
PVRL	e P	04:49:08.32		SZ							
	IAMB	04:49:42.32		SZ	0.031	2.0					
POLO	e P	04:49:08.83		BZ							
	IAMB	04:49:13.08		BZ	0.015	1.5					
PVIS	e P	04:49:09.68		BZ							
PVAQ	e P	04:49:09.97		BZ							
	IAMB	04:49:47.51		BZ	0.060	1.8					
PCAB	e P	04:49:10.22		SZ							
	IAMB	04:49:24.81		SZ	0.042	2.1					
PBEJ	e P	04:49:11.27		SZ							
PBDV	e P	04:49:11.63		BZ							
PGAV	e P	04:49:12.59		BZ							
	IAMB	04:49:50.37		BZ	0.064	1.8					
PCVE	e P	04:49:12.31		BZ							
	IAMB	04:49:26.40		BZ	0.047	1.7					
PMTG	e P	04:49:12.19		BZ							
COI	e P	04:49:13.18		BZ							
	IAMB	04:49:25.93		BZ	0.041	1.6					
MESJ	e P	04:49:13.36		BZ							
	IAMB	04:49:38.01		BZ	0.059	1.7					
PCAS	e P	04:49:13.70		BZ							
	IAMB	04:49:16.83		BZ	0.044	1.7					
PFVI	e P	04:49:18.19		BZ							
	IAMB	04:49:38.76		BZ	0.142	2.0					
<hr/>											
29-Abr	Ho	05:01:05.5				ML	2.3				
	Lat	38.670°N				Prof	17				
	Lon	02.777°W				Rms	0.4				
	Região:	SW Albacete (ESP)				ErrZ	2				
	AxMax	1.4	AxMin	1.2	Ang	89					
Est	Fase	P h:m:s	Dur	Co	Amp	Per					
PBAR	e Pn	05:01:56.52		HZ							
	e Pg	05:02:03.54		HZ							
	e Sn	05:02:34.86		HE							
	e Sg	05:02:49.73		HE							
	IAML	05:03:04.52		HZ	0.006	0.4					
PMRV	e Pn	05:02:00.60		HZ							
	e Sg	05:03:00.60		HE							
	IAML	05:03:09.15		HZ	0.006	0.6					
PESTR	e Pn	05:02:01.58		HZ							
	e Sn	05:02:44.87		HN							
	IAML	05:03:09.46		HZ	0.003	0.4					
PCBR	e Pn	05:02:02.95		EZ							
	IAML	05:03:13.45		EZ	0.004	0.9					
MTE	e Sg	05:03:12.18		HN							
	IAML	05:03:20.12		HZ	0.005	0.6					
PVAQ	e Pn	05:02:06.00		HZ							
	IAML	05:03:24.02		HZ	0.006	0.5					
MVO	e Pn	05:02:07.36		HZ							
	e Sn	05:02:53.13		HE							
	e Sg	05:03:13.77		HE							
	IAML	05:03:16.86		HZ	0.006	0.6					

PCVE	e Pn	05:02:08.23	HZ					PMAR	e P	13:26:22.08	BZ				
	e Sn	05:02:56.62	HN						IAmb	13:26:24.89	BZ	0.124	1.5		
	IAML	05:03:20.40	HZ	0.002	0.5			PCAB	P	13:26:23.30	EZ				
PMTG	e Pn	05:02:08.96	HZ					COI	e P	13:26:25.43	BZ				
	IAML	05:03:33.46	HZ	0.004	0.7				IAmb	13:26:26.20	BZ	0.076	1.7		
PBDV	e Pn	05:02:09.27	HZ					PCAS	P	13:26:23.50	HZ				
	e Sn	05:02:58.53	HN					PVIS	e P	13:26:24.57	BZ				
	e Sg	05:03:19.92	HE					MTE	e P	13:26:32.70	BZ				
	IAML	05:03:34.68	HZ	0.005	0.6				IAmb	13:26:46.15	BZ	0.042	1.5		
MESJ	e Pn	05:02:09.84	HZ						e LR	13:30:05.60	LZ				
	e Sn	05:02:58.76	HN						IAMs_20	13:31:23.76	LZ	1.133	22		
	IAML	05:03:25.91	HZ	0.004	0.6			MVO	e P	13:26:36.35	BZ				
PCAS	e Pn	05:02:14.48	HZ						IAmb	13:26:48.68	BZ	0.030	1.5		
	e Sn	05:03:05.72	HN						e LR	13:30:08.10	LZ				
	IAML	05:03:38.17	HZ	0.004	0.7				IAMs_20	13:31:27.40	LZ	1.870	20		
POLO	e Sn	05:03:07.21	HE					PMTG	e P	13:26:31.55	BZ				
	IAML	05:03:36.45	HZ	0.001	0.7				IAmb	13:26:39.86	BZ	0.058	2.0		
MORF	e Pn	05:02:16.35	HZ					PCBR	e P	13:26:35.39	SZ				
	e Sn	05:03:10.28	HN						IAmb	13:26:47.57	SZ	0.053	1.6		
	IAML	05:03:43.17	HZ	0.002	0.2			PMRV	e P	13:26:39.19	BZ				
PFVI	e Pn	05:02:18.75	HZ						IAmb	13:26:51.21	BZ	0.052	1.5		
	e Sn	05:03:14.46	HN						e LR	13:30:09.76	LZ				
PCAB	e Sn	05:03:15.60	EN						IAMs_20	13:31:48.58	LZ	1.425	20		
PMAFR	e Pn	05:02:20.03	HZ					PESTR	e P	13:26:41.90	BZ				
PGAV	e Pn	05:02:23.53	HZ						IAmb	13:26:51.07	BZ	0.039	1.6		
	e Sn	05:03:23.02	HE					MESJ	e P	13:26:41.89	BZ				
									IAmb	13:26:53.02	BZ	0.066	1.7		
<b>29-Abr</b>	<b>Ho</b>	<b>09:06:17.7</b>					<b>ML 2.1</b>	PBEJ	e P	13:26:48.19	SZ				
	<b>Lat</b>	<b>36.024°N</b>	<b>Lon</b>	<b>10.298°W</b>			<b>Prof 19*</b>		IAmb	13:26:51.37	SZ	0.061	1.8		
	<b>Região:</b>	<b>Gorringe</b>					<b>Rms 0.3</b>	PCVE	e P	13:26:48.70	BZ				
	<b>AxMax</b>	<b>4.9</b>	<b>AxMin</b>	<b>3.4</b>	<b>Ang</b>	<b>91</b>	<b>ErrZ 0</b>		IAmb	13:26:55.68	BZ	0.065	1.7		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		PBDV	P	13:26:55.10	HZ				
PFVI	e P	09:06:43.34		HZ				PVAQ	e LR	13:30:47.23	LZ				
	e S	09:07:02.92		HE					IAMs_20	13:32:22.54	LZ	1.921	20		
	IAML	09:07:03.87		HZ	0.013	0.4		PBAR	e P	13:26:49.54	BZ				
MORF	e P	09:06:46.49		HZ					IAmb	13:27:00.23	BZ	0.040	1.7		
	e S	09:07:08.15		HE											
	IAML	09:07:09.82		HZ	0.019	0.2		<b>29-Abr</b>	<b>Ho</b>	<b>14:19:52.5</b>	<b>Distante (NEIC)</b>				
PTEO	e P	09:06:48.70		EZ					<b>Lat</b>	<b>10.882°N</b>	<b>Lon</b>	<b>57.239°E</b>	<b>Mw 6.2</b>		
	e S	09:07:11.63		EN					<b>Lat</b>	<b>10.882°N</b>	<b>Lon</b>	<b>57.239°E</b>	<b>Prof 10</b>		
	IAML	09:07:12.69		EZ	0.010	0.2			<b>Região:</b>	<b>Carlsberg Ridge</b>					
PBDV	e P	09:06:52.41		HZ				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
	e S	09:07:18.41		HE				PBAR	e P	14:30:21.34		BZ			
PCVE	e P	09:06:54.74		HZ					IAmb	14:30:40.70		BZ	0.192	1.4	
	e S	09:07:22.29		HN				MVO	e P	14:30:24.28		BZ			
	IAML	09:07:24.93		HZ	0.004	0.5			IAmb	14:30:42.63		BZ	0.285	1.2	
MESJ	e P	09:06:55.07		HZ					e S	14:38:59.35		LN			
	e S	09:07:23.42		HN					e SS	14:43:16.35		LE			
	IAML	09:07:25.14		HZ	0.006	0.3			e LQ	14:46:21.62		LN			
PVAQ	e P	09:06:55.50		HZ					e LR	14:51:07.63		LZ			
	e S	09:07:23.71		HE					IAMs_20	14:56:23.33		LZ	3.554	20	
	IAML	09:07:28.21		HZ	0.005	0.5		PMRV	e P	14:30:24.08		BZ			
PBEJ	e S	09:07:31.76		EE					IAmb	14:30:43.80		BZ	0.314	1.5	
PMAFR	e S	09:07:36.57		HN					e S	14:39:01.90		LE			
	IAML	09:07:38.61		HZ	0.017	0.6			e LQ	14:46:02.29		LN			
PBAR	e P	09:07:07.60		HZ					e LR	14:51:28.16		LZ			
	e S	09:07:45.44		HE					IAMs_20	15:01:51.09		LZ	4.639	18	
	IAML	09:07:50.53		HZ	0.002	0.4		PVAQ	e P	14:30:23.70		BZ			
PMTG	e P	09:07:08.48		HZ					IAmb	14:30:44.37		BZ	0.101	1.5	
	e S	09:07:46.85		HE					e LR	14:51:14.06		LZ			
	IAML	09:07:48.80		HZ	0.006	0.3		PESTR	e P	15:02:18.59		LZ	3.453	18	
PESTR	e S	09:07:49.34		HN					IAmb	14:30:24.50		BZ			
PMRV	e P	09:07:17.12		HZ					IAmb	14:30:57.07		BZ	0.128	1.4	
	e S	09:08:02.28		HE				PCBR	e P	14:30:24.75		SZ			
	IAML	09:08:03.79		HZ	0.004	0.3			IAmb	14:30:44.65		SZ	0.162	1.3	
PCAS	e P	09:07:20.09		HZ				PBDV	e P	14:30:24.93		BZ			
	e S	09:08:06.79		HN					IAmb	14:30:51.23		BZ	0.126	1.4	
								PBEJ	e P	14:30:25.11		SZ			
									IAmb	14:30:45.04		SZ	0.162	1.5	
<b>29-Abr</b>	<b>Ho</b>	<b>13:22:55.0</b>	<b>Distante (IPMA)</b>					MTE	e P	14:30:25.92		BZ			
	<b>Lat</b>	<b>44.740°N</b>	<b>Lon</b>	<b>27.940°W</b>			<b>Prof 10</b>		IAmb	14:30:45.69		BZ	0.162	1.5	
	<b>Região:</b>	<b>Northern Mid-Atlantic Ridge</b>							e S	14:38:59.35		LE			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e SS	14:43:19.40		LE			
PMOZ	e LR	13:29:32.28		LZ					e LQ	14:46:28.58		LN			
	IAMs_20	13:30:43.39		LZ	0.921	20			e LR	14:51:10.00		LZ			
PGAV	e P	13:26:15.84		BZ					IAMs_20	15:08:52.77		LZ	3.330	18	
	IAmb	13:26:22.32		BZ	0.165	1.7		PCVE	e P	14:30:25.57		BZ			
	e LR	13:29:41.06		LZ					IAmb	14:30:44.87		BZ	0.139	1.5	
	IAMs_20	13:30:51.99		LZ	2.735	18									

MESJ	e P	14:30:26.93	BZ					IAML	18:29:33.92	HZ	0.002	0.6
	IAmb	14:30:50.62	BZ	0.156	1.6			MESJ e P	18:28:51.61	HZ		
PVRL	e P	14:30:27.85	SZ					e S	18:29:35.81	HN		
	IAmb	14:30:47.74	SZ	0.203	1.8			PESTR e S	18:29:41.70	HE		
PVIS	e P	14:30:28.37	BZ									
POLO	e P	14:30:28.04	BZ					30-Abr Ho 00:23:47.0	Distante (NEIC)	Mw 4.8		
	IAmb	14:30:41.16	BZ	0.123	1.2			Lat 08.033°S	Lon 122.688°E	Prof 223		
PMTG	e P	14:30:27.87	BZ					Região: Flores Region, Indonesia				
	IAmb	14:30:47.79	BZ	0.171	1.6			Est Fase P h:m:s Dur Co Amp Per				
MORF	e P	14:30:31.84	BZ					POLO e PKPdf	00:42:23.19	BZ		
	IAmb	14:30:48.89	BZ	0.191	1.5			PCAB e PKPdf	00:42:22.80	SZ		
PCAB	e P	14:30:30.13	SZ					PGAV e PKPdf	00:42:21.52	BZ		
	IAmb	14:30:49.56	SZ	0.281	1.6			MTE e PKPdf	00:42:23.62	BZ		
PTEO	e P	14:30:31.44	SZ					PVIS e PKPdf	00:42:22.93	BZ		
	IAmb	14:30:49.49	SZ	0.273	1.5			PCBR e PKPdf	00:42:21.95	SZ		
PFVI	e P	14:30:29.86	BZ					PMRV e PKPdf	00:42:23.24	BZ		
	IAmb	14:30:49.60	BZ	0.330	1.4			PBAR e PKPdf	00:42:23.13	BZ		
COI	e P	14:30:29.67	BZ					PMAR e PKPdf	00:42:41.31	BZ		
	IAmb	14:30:49.76	BZ	0.241	1.4							
PCAS	e P	14:30:30.83	BZ					30-Abr				
	IAmb	14:30:50.32	BZ	0.298	1.5			Est Fase P h:m:s Dur Co Amp Per				
PGAV	e P	14:30:30.98	BZ					PCAB e P	00:49:28.30	EZ		
	IAmb	14:31:17.19	BZ	0.163	1.6			e S	00:49:46.70	EE		
	e S	14:39:12.77	LN					POLO e Pn	00:49:28.54	HZ		
	e SS	14:43:29.07	LE					e Sn	00:49:49.89	HE		
	e LQ	14:46:59.15	LN					IAML	00:49:51.07	HZ	0.001	0.6
	e LR	14:51:39.20	LZ					PGAV e S	00:49:47.57	HN		
	IAMs_20	14:57:28.34	LZ	4.324	22			MVO e S	00:49:47.59	HE		
PSBE	e P	14:30:31.50	BZ					IAML	00:49:48.86	HZ	0.002	0.2
	IAmb	14:30:52.13	BZ	0.264	1.5			PVRL e Sn	00:49:50.59	SE		
GGNV	e P	14:30:32.76	BZ					IAML	00:49:52.11	SZ	0.002	0.3
	IAmb	14:30:58.71	BZ	0.390	1.3			PVIS e Sg	00:50:08.78	HN		
PMAR	e P	14:31:15.13	BZ									
	IAmb	14:31:45.72	BZ	0.280	1.6			30-Abr Ho 08:46:29.5			ML 2.2	
PMOZ	e P	14:31:17.53	BZ					Lat 36.824°N	Lon 11.397°W	Prof 31*		
	IAmb	14:31:46.14	BZ	0.272	1.7			Região: Gorringe			Rms 0.3	
	e S	14:40:36.13	LN					AxMax 6.3 AxMin 4.4 Ang 74 ErrZ 0				
	e SS	14:45:16.17	LN					Est Fase P h:m:s Dur Co Amp Per				
	e LQ	14:48:38.20	LN					PFVI e P	08:47:00.03	HZ		
	e LR	14:55:43.37	LZ					e S	08:47:23.71	HN		
	IAMs_20	15:03:07.31	LZ	6.593	20			IAML	08:47:25.23	HZ	0.013	0.2
								MORF e P	08:47:02.52	HZ		
29-Abr	Ho 16:35:08.8	Distante (NEIC)	mb 5.0					e S	08:47:28.07	HN		
	Lat 28.149°S	Lon 67.387°W	Prof 130					IAML	08:47:29.23	HZ	0.009	0.1
	Região: La Rioja Province, Argentina							PTEO e P	08:47:01.42	EZ		
Est	Fase	P h:m:s	Dur	Co	Amp	Per		e S	08:47:28.22	EE		
PMOZ	e P	16:46:48.10	BZ					IAML	08:47:30.78	EZ	0.010	0.6
	IAmb	16:47:01.83	BZ	0.111	2.2			PMAFR e P	08:47:09.19	HZ		
PTEO	e P	16:47:31.59	SZ					e S	08:47:38.80	HN		
	IAmb	16:47:38.61	SZ	0.077	1.6			IAML	08:47:44.53	HZ	0.019	0.6
PBDV	e P	16:47:34.29	BZ					MESJ e P	08:47:09.59	HZ		
PCVE	e P	16:47:35.21	BZ					e S	08:47:39.64	HE		
	IAmb	16:47:39.27	BZ	0.039	2.1			IAML	08:47:46.10	HZ	0.003	0.5
MESJ	e P	16:47:35.12	BZ					PCVE e P	08:47:10.30	HZ		
PVAQ	e P	16:47:35.37	BZ					e S	08:47:41.45	HN		
PBEJ	e P	16:47:36.70	SZ					IAML	08:47:54.48	HZ	0.003	0.3
PBAR	e P	16:47:40.72	BZ					PBDV e S	08:47:41.69	HE		
PESTR	e P	16:47:40.21	BZ					IAML	08:48:03.04	HZ	0.005	0.6
	IAmb	16:48:16.81	BZ	0.033	2.2			PVAQ e P	08:47:13.56	HZ		
PCAS	e P	16:47:39.51	BZ					e S	08:47:46.39	HZ		
MTE	e P	16:47:46.88	BZ					IAML	08:47:49.08	HZ	0.004	0.1
	IAmb	16:48:12.49	BZ	0.024	1.6			PMTG e P	08:47:18.30	HZ		
MVO	e P	16:47:47.83	BZ					e S	08:47:54.57	HN		
	IAmb	16:48:26.23	BZ	0.027	1.6			IAML	08:47:56.58	HZ	0.004	0.2
								PSBE e S	08:47:56.21	HZ		
29-Abr	Ho 18:27:54.1					ML 1.7		PESTR e S	08:48:01.27	HE		
	Lat 35.980°N	Lon 04.049°W				Prof 17		IAML	08:48:03.50	HZ	0.004	0.5
	Região: Alboran					Rms 0.4		PBAR e P	08:47:23.66	HZ		
	AxMax 12.2 AxMin 4.5 Ang 128					ErrZ 9		e S	08:48:02.93	HE		
Est	Fase	P h:m:s	Dur	Co	Amp	Per		IAML	08:48:08.60	HZ	0.001	0.2
PBAR	e P	18:28:43.65	HZ					PCAS e P	08:47:25.92	HZ		
	e S	18:29:22.29	HE					e S	08:48:08.66	HN		
PVAQ	e P	18:28:43.73	HZ					IAML	08:48:14.10	HZ	0.003	0.6
	IAML	18:29:27.99	HZ	0.002	0.6			PMRV e P	08:47:28.77	HZ		
PBDV	e P	18:28:45.11	HZ					e S	08:48:11.51	HE		
	e S	18:29:25.15	HE					IAML	08:48:13.26	HZ	0.004	0.2
PCVE	e P	18:28:48.45	HZ					PVIS e S	08:48:27.75	HN		
	e S	18:29:31.40	HN					POLO e S	08:48:41.19	HE		



MVO	IAML	08:48:52.79	HZ	0.001	0.6	MESJ	e P	21:00:04.48	BZ		
	e S	08:48:45.89	HN				IAMB	21:00:05.99	BZ	0.050	1.5
	IAML	08:48:49.29	HZ	0.003	0.4		e T	21:41:31.78	BZ		
PGAV	e S	08:48:50.13	HN			PCVE	e P	21:00:01.82	BZ		
							IAMB	21:00:07.29	BZ	0.099	1.6
							e T	21:41:31.22	BZ		
<b>30-Abr</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp</b>	<b>Per</b>	PVAQ	e P	21:00:01.75	BZ	
PBAR	e P	13:54:12.94		HZ				IAMB	21:00:07.57	BZ	0.061
	e S	13:54:56.06		HN				e LR	21:10:45.60	LZ	
	IAML	13:54:59.93		HZ	0.002	0.4		IAMS_20	21:15:04.58	LZ	1.841
PBDV	e P	13:54:14.17		HZ			PBEJ	e P	21:00:04.62	SZ	
	e S	13:54:57.30		HE				IAMB	21:00:08.60	SZ	0.053
PCVE	e P	13:54:18.17		HZ			EVO	e P	21:00:04.91	BZ	
	e S	13:55:05.02		HN				IAMB	21:00:09.88	BZ	0.065
	IAML	13:55:11.98		HZ	0.003	0.5	PMTG	e P	21:00:04.69	BZ	
PMRV	e P	13:54:29.19		HZ				IAMB	21:00:11.11	BZ	0.045
	e S	13:55:23.96		HE			PCAS	e P	21:00:05.47	BZ	
PVAQ	e S	13:54:56.27		HZ				IAMB	21:00:24.77	BZ	0.048
	IAML	13:54:56.45		HZ	0.003	0.5	COI	e P	21:00:08.02	BZ	
MESJ	e S	13:55:09.54		HN				IAMB	21:00:09.60	BZ	0.054
							PESTR	P	21:00:12.10	HZ	
<b>30-Abr</b>	<b>Ho</b>	<b>14:59:40.9</b>			<b>ML</b>	<b>1.1</b>	PBAR	e P	21:00:09.78	BZ	
	<b>Lat</b>	<b>36.854°N</b>	<b>Lon</b>	<b>07.991°W</b>	<b>Prof</b>	<b>29</b>		IAMB	21:00:14.04	BZ	0.065
	<b>Região:</b>	<b>Golfo de Cádiz</b>			<b>Rms</b>	<b>0.2</b>	PMRV	e P	21:00:11.23	BZ	
	<b>AxMax</b>	<b>6.1</b>	<b>AxMin</b>	<b>2.5</b>	<b>Ang</b>	<b>154</b>		IAMB	21:00:15.71	BZ	0.035
	<b>ErrZ</b>	<b>3</b>						e S	21:06:30.82	LE	
<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp</b>	<b>Per</b>		e LR	21:11:18.50	LZ	
PBDV	e P	14:59:49.11		HZ				IAMS_20	21:13:52.74	LZ	2.554
	e S	14:59:55.26		HN			PCBR	e P	21:00:11.96	SZ	
	IAML	14:59:57.14		HZ	0.007	0.4		IAMB	21:00:17.13	SZ	0.049
PVAQ	e P	14:59:51.81		HZ			PVIS	e P	21:00:12.17	BZ	
	e S	15:00:00.40		HZ			MTE	e P	21:00:13.57	BZ	
	IAML	15:00:02.27		HZ	0.004	0.3		IAMB	21:00:20.47	BZ	0.072
MORF	e P	14:59:53.23		HZ				e S	21:06:40.52	LN	
	e S	15:00:02.90		HN				e LR	21:11:25.15	LZ	
	IAML	15:00:04.76		HZ	0.004	0.1		IAMS_20	21:14:11.11	LZ	3.164
PFVI	e P	14:59:54.02		HZ			PGAV	e P	21:00:15.45	BZ	
	e S	15:00:03.50		HE				IAMB	21:00:19.53	BZ	0.045
PCVE	i P	14:59:54.87		HZ				e S	21:06:37.24	LN	
	e S	15:00:04.93		HN				e LQ	21:09:58.61	LN	
	IAML	15:00:05.51		HZ	0.003	0.5		e LR	21:11:30.93	LZ	
MESJ	e P	14:59:58.17		HZ				IAMS_20	21:13:42.12	LZ	2.538
	e S	15:00:10.17		HN			PCAB	e P	21:00:15.77	SZ	
	IAML	15:00:11.40		HZ	0.003	0.5		IAMB	21:00:23.04	SZ	0.058
PBAR	e S	15:00:22.69		HE			POLO	e P	21:00:16.02	BZ	
								IAMB	21:00:20.75	BZ	0.022
<b>30-Abr</b>	<b>Ho</b>	<b>20:52:23.0</b>	<b>Distante (IPMA)</b>		<b>Mw</b>	<b>5.3</b>	MVO	e P	21:00:19.10	BZ	
	<b>Lat</b>	<b>15.350°N</b>	<b>Lon</b>	<b>46.400°W</b>	<b>Prof</b>	<b>10</b>		IAMB	21:00:24.45	BZ	0.051
	<b>Região:</b>	<b>Northern Mid-Atlantic Ridge</b>						e S	21:06:50.09	LE	
<b>Est</b>	<b>Fase</b>	<b>P h:m:s</b>	<b>Dur</b>	<b>Co</b>	<b>Amp</b>	<b>Per</b>		e LR	21:11:41.87	LZ	
PMOZ	e LQ	21:05:36.25		LN				IAMS_20	21:14:09.93	LZ	2.163
	e LR	21:06:29.49		LZ							
	IAMS_20	21:08:33.18		LZ	1.700	20					
	e T	21:31:26.60		BZ							
PMSOL	e T	21:31:21.79		SZ							
FUL	e T	21:31:20.20		EZ							
PMAR	e P	20:58:51.34		BZ							
	IAMB	20:58:52.35		BZ	0.126	1.2					
	e T	21:31:28.27		BZ							
PFVI	e T	21:41:18.65		BZ							
MORF	e P	20:59:57.46		BZ							
	IAMB	21:00:03.29		BZ	0.098	1.8					
	e T	21:41:18.77		BZ							
PTEO	e P	20:59:55.72		SZ							
	IAMB	20:59:59.42		SZ	0.079	1.3					
PBDV	e P	21:00:01.17		BZ							
	IAMB	21:00:07.54		BZ	0.083	2.0					

Nota- Hipocentros dos sismos distantes determinados por:  
NEIC - National Earthquake Information Center (EUA)  
IPMA - Instituto Português do Mar e da Atmosfera  
GFZ - GEOFON, Potsdam (Alemanha)

## CARTA DE EPICENTROS - Zona Ibérica e Atlântica Adjacente Janeiro 2019

