

**BOLETIM
SISMOLÓGICO
PRELIMINAR
DO CONTINENTE E
MADEIRA**

Boletim Sismológico Preliminar do Continente e Madeira
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Divisão de Geofísica

BOLETIM SISMOLÓGICO PRELIMINAR DO CONTINENTE E DA MADEIRA

JANEIRO DE 2025

LEGENDA

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

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

Lista de Estações

Estação	Local	Sensor/Dinam	Canais	Latitude	Longitude	Alt	Org
AML01	Lisboa	Titan / 24bits	HN	38° 44.01'N	09° 10.61'W	182 m	IPMA
AML02	Lavradio	Titan / 24bits	HN	38° 39.87'N	09° 03.19'W	10 m	IPMA
AML03	Fanhões	Titan / 24bits	HN	38° 52.95'N	09° 09.18'W	180 m	IPMA
AML04	C.Tiro Alcochete	Titan / 24bits	HN	38° 46.60'N	08° 52.69'W	98 m	IPMA
AML05	Pragança	Titan / 24bits	HN	39° 10.71'N	09° 03.23'W	567 m	IPMA
COI	Coimbra	STS2 120s/ 24bits	HH,BH,LH	40° 12.48'N	08° 24.74'W	140 m	IGUC
EVO	Évora	STS2 120s/ 24bits	HH,BH,LH	38° 31.92'N	08° 00.78'W	235 m	UE
FUL	Funchal	LE3D-5s/ 24bits	EH,SH	32° 38.86'N	16° 53.53'W	58 m	IPMA
		CMG-5T / 24bits	HN				
GGNV	Lisboa	CMG-40T/ 16bits	HH,BH	38° 42.99'N	09° 08.95'W	77 m	IGIDL
GRNL	Grândola	STS2-120s/24bits	CH,BH,LH	38°06.50'N	08° 34.14'W	173 m	IGIDL
INMG	Lisboa	Titan / 24bits	HN	38° 46.46'N	09° 07.54'W	93 m	IPMA
MESJ	Messejana	STS2-120s/ 24bits	HH,BH	37° 50.37'N	08° 13.19'W	250 m	IGIDL
MOE	Montemor	TRILL 120s/ 24bits	HH,BH,LH	38° 32.11'N	08° 21.20'W	270 m	IPMA
		Titan / 24bits	HN				
MORF	Marmeleite	CMG-40T/ 24bits	HH,BH,LH	37° 18.38'N	08° 39.05'W	650 m	IGIDL
MTE	Manteigas	STS2.5 120s/24bits	HH,BH,LH	40° 24.20'N	07° 31.20'W	815 m	IPMA/GEOFON
MVO	Moncorvo	CMG-3T/ 24bits	HH,BH,LH	41° 09.87'N	07° 01.73'W	550 m	IPMA
		CMG-5T / 24bits	HN				
PALBU	Albufeira	Titan/ 24bits	HN	37° 05.75'N	08° 14.91'W	84 m	IPMA
PALJ	Aljezur	Titan/ 24bits	HN	37° 19.10'N	08° 47.88'W	24 m	IPMA
PARRA	Arraiolos	TRILL 120s/ 24bits	HH,BH,LH	38° 48.92'N	08° 02.41'W	261 m	IPMA
		Titan / 24bits	HN				
PAZOI	Azóia	TRILL 120s/ 24bits	HH,BH,LH	38° 25.48'N	09° 11.18'W	162 m	IPMA
PBAR	Barrancos	TRILL 120s/ 24bits	HH,BH,LH	38° 10.47'N	07° 02.34'W	205 m	IPMA
		Titan / 24bits	HN				
PBDV	Barranco do Velho	TRILL 120s/ 24bits	HH,BH,LH	37° 14.58'N	07° 55.87'W	471 m	IPMA
		Titan / 24bits	HN				
PBEJ	Beja	LE3D-5s/ 24bits	EH,SH	38° 01.58'N	07° 51.98'W	270 m	IPMA
		CMG-5Tc / 24bits	HN				
PBEN	Benavente	Titan / 24bits	HN	38° 56.97'N	08° 49.59'W	42 m	IPMA
PBRG	Bragança	CMG-3ESPc/24bits	HH,BH,LH	41° 48.29'N	06° 44.48'W	691 m	IPMA
		CMG-5T / 24bits	HN				
PCAB	Cabril	LE3D-5s/ 24bits	EH, SH	41° 42.61'N	08° 01.62'W	577 m	IPMA
PCAS	Casmilo	CMG-3T/ 24bits	HH,BH,LH	40° 03.17'N	08° 29.90'W	343 m	IPMA
		CMG-5T / 24bits	HN				
PCASC	Cascais	AC-xx/22bits	HN	38° 46.36'N	09° 29.14'W	229 m	IST/IPMA
PCBR	Castelo Branco	LE3D-5s/ 24bits	EH,SH	39° 50.42'N	07° 28.65'W	380 m	IPMA
		CMG-5Tc / 24bits	HN				
PCDRA	Caldas da Rainha	AC-xx/22 bits	HN	39° 24.61'N	09° 08.19'W	56 m	IST/IPMA
PCVE	Castro Verde	TRILL120s/ 24bits	HH,BH,LH	37° 37.97'N	08°02.34 'W	225 m	IPMA
		Titan / 24bits	HN				

PESTR	Estremoz	TRILL120s/ 24bits Titan / 24bits	HH,BH,LH HN	38° 52.03'N	07° 35.41'W	410 m	IPMA
PFARO	Faro	AC-xx/ 22bits	HN	37° 01.55'N	07° 55.34'W	18 m	IST/IPMA
PFVI	Vila do Bispo	TRILL120s / 24bits Titan / 24bits	HH,BH,LH HN	37° 07.97'N	08° 49.61'W	189 m	IPMA
PGAV	Gavieira	CMG-3ESPc/24bits CMG-5T / 24bits	HH,BH,LH HN	41° 57.92'N	08°16.19 'W	1084 m	IPMA
PLAGO	Lagos	AC-xx/ 22bits	HN	37° 05.75'N	08° 41.27'W	50 m	IST/IPMA
PLOUS	Minas do Lousal	TRILL120s / 24bits CMG-5Tc / 24bits	HH,BH,LH HN	38° 01.89'N	08° 25.27'W	55 m	IPMA
PMAFR	Tapada de Mafra	STS2/ 24bits Episensor / 24bits	HH,BH,LH HN	38° 57.32'N	09° 16.96'W	329 m	IPMA
PMAR	Madeira	CMG-3T/ 24bits	HH,BH,LH	32° 43.42'N	16° 54.82'W	1605 m	IPMA
PMONC	Monchique	TitanEA/ 24bits	HN	37° 18.76'N	08° 32.70'W	559 m	IPMA
PMOZ	Porto Moniz	CMG-3ESPc/ 24bits	HH,BH,LH	32° 49.38'N	17° 11.83'W	1027 m	IPMA
PMPs	Porto Santo	RBshake-2s/ 24bits	EHZ, EN	33° 03.42'N	16° 19.98'W	47 m	IPMA
PMRV	Marvão	TriHoriz120s/24bits Titan / 24bits	HH,BH,LH HN	39° 25.70'N	07° 23.50'W	430 m	IPMA
PMTG	Montargil	TRILL120s/ 24bits Titan / 24bits	HH,BH,LH HN	39° 04.14'N	08°13.52 'W	190 m	IPMA
POLO	Lamas de Olo	CMG-3ESPc/24bits CMG-5T / 24bits	HH,BH,LH HN	41° 22.43'N	07°47.25 'W	1060 m	IPMA
PPOR	Portimão	Titan / 24bits	HN	37° 07.99'N	08° 32.01'W	3 m	IPMA
PSANT	Santarém	AC-xx/ 22bits	HN	39° 14.53'N	08° 41.57'W	131 m	IST/IPMA
PSARD	Sardoal	TRILL 120s/ 24bits CMG-5T / 24bits	HH,BH,LH HN	39° 36.02'N	08° 09.74'W	422 m	IPMA
PSBE	São Bento	CMG-3ESPc/24bits CMG-5Tc / 24bits	HH,BH,LH HN	39° 30.85'N	08° 47.73'W	510 m	IPMA
PSETU	Setúbal	AC-xx/ 22bits	HN	38° 32.23'N	08° 52.01'W	48 m	IST/IPMA
PSINE	Sines	AC-xx/22bits	HN	37° 57.48'N	08° 51.75'W	50 m	IST/IPMA
PSVI	Sagres	Titan / 24bits	HN	37° 00.72'N	08° 56.98'W	61 m	IST/IPMA
PTAV	Tavira	Titan / 24bits	HN	37° 07.51'N	07° 39.28'W	25 m	IPMA
PTEO	São Teotónio	TRILL120s/ 24bits Titan / 24bits	HH,BH,LH HN	37° 32.73'N	08° 43.45'W	119 m	IPMA
PTO	Porto	LE3D-5s/ 24bits	EH,SH	41° 08.31'N	08° 36.13'W	88 m	IPMA
PVAQ	Vaqueiros	TRILL120s/ 24bits Titan / 24bits	HH,BH,LH HN	37° 24.22'N	07°43.04 'W	200 m	IPMA
PVERD	Verdizela	AC-xx/ 22bits	HN	38° 34.94'N	09° 09.38'W	71 m	IST/IPMA
PVFX1	V.Franca de Xira	RBshake-2s/ 24bits	EHZ, EN	38° 57.32'N	08° 59.32'W	3 m	IPMA
PVIS	Viseu	STS2 / 24bits	HH,BH,LH	40° 42.94'N	07° 53.68'W	720 m	IDL/IPMA
PVRL	Vila Real	LE3D-5s/ 24bits	EH,SH	41° 16.53'N	07° 42.97'W	660 m	IPMA

Sensores: LE3D - Lennartz LE3D, 5 seg; AC-xx - Geosig; CMG-5T - Guralp 5T; CMG-5Tc – Guralp 5T compact; CMG-40T - Guralp CMG-40T, 30 seg; STS2 - Streckheisen STS-2, 120 seg; STS2.5 - Streckheisen STS-2.5, 120 seg; CMG-3T - Guralp CMG-3T, 120 seg; CMG-3ESPc - Guralp CMG-3ESP Compact, 120 seg; TRILL 120s – Nanometrics Trillium 120QA; Titan – Nanometrics Titan; Rbshake – RaspBerry Shake 2s; TriHoriz – Nanometrics Trillium Horizon, 120seg; Episensor – Kinematics Episensor (ES-T).

Dinam: Dinâmica do registo

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

IPMA - Instituto Português do Mar e da Atmosfera; IDL - Instituto Dom Luiz, Universidade de Lisboa; IGUC - Instituto Geofísico da Universidade de Coimbra; 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
01-01-2025	00:01:36.1	38.706°N	07.819°W	16	0.3 ml	E Arraiolos	0.1	
01-01-2025	00:17:46.1	36.686°N	07.336°W	17	1.0 ml	Golfo de Cádiz	0.4	
01-01-2025	01:08:52.9	36.547°N	07.664°W	13	0.7 ml	Golfo de Cádiz	0.4	
01-01-2025	02:47:10.2	37.335°N	08.551°W	16	0.6 ml	NE Monchique	0.3	
01-01-2025	03:59:32.1	34.584°N	05.473°W	17*	1.9 ml	NW Fez (Marr)	0.4	
01-01-2025	04:36:01.0	35.747°N	04.652°W	84	1.6 ml	Alboran	0.4	
01-01-2025	04:58:15.6	36.462°N	03.662°W	18	1.7 ml	Alboran	0.5	
01-01-2025	06:07:27.0	36.496°N	07.612°W	15	0.9 ml	Golfo de Cádiz	0.4	
01-01-2025	08:05:10.4	34.129°N	04.799°W	18	2.4 ml	NE Fez (Marr)	0.4	
01-01-2025	14:24:23.7	36.521°N	07.553°W	17	0.9 ml	Golfo de Cádiz	0.5	
01-01-2025	15:20:41.0	42.220°N	08.400°W	16	1.3 ml	NW Melgaço	0.4	
01-01-2025	18:50:19.8	36.728°N	07.321°W	17	1.2 ml	Golfo de Cádiz	0.4	
01-01-2025	20:57:28.1	36.497°N	07.741°W	19	1.1 ml	Golfo de Cádiz	0.4	
01-01-2025	21:00:38.7	38.906°N	08.423°W	4*-0.3 ml		SE Coruche	0.3	
01-01-2025	21:45:16.0	36.510°N	11.214°W	36*	1.5 ml	Gorringe	0.4	
01-01-2025	22:39:23.2	43.895°N	05.689°W	16	1.8 ml	N Gijon (ESP)	0.5	
01-01-2025	22:45:41.7	38.227°N	08.015°W	2*	0.6 ml	SW Alvito	0.4	
01-01-2025	23:04:29.3	36.394°N	08.185°W	33*	1.2 ml	SW Faro	0.4	
01-01-2025	23:39:46.3	31.110°N	06.824°W	18	2.3 ml	Morocco	0.4	
02-01-2025	01:23:46.0	42.631°N	08.251°W	4	1.1 ml	SE Santiago Compostela (E	0.3	
02-01-2025	01:28:07.8	36.410°N	08.872°W	2*	1.2 ml	SE Cabo S.Vicente	0.4	
02-01-2025	03:14:37.9	36.624°N	09.699°W	20	1.3 ml	SW Cabo S.Vicente	0.4	
02-01-2025	04:14:09.0	40.939°N	08.414°W	3*	1.0 ml	NE S.João da Madeira	0.3	
02-01-2025	04:19:14.3	40.936°N	08.422°W	7*	1.1 ml	NE S.João da Madeira	0.4	
02-01-2025	10:38:22.6	32.249°N	06.290°W	11	2.7 ml	Morocco	0.4	
02-01-2025	11:11:38.9	32.329°N	06.216°W	4*	2.2 ml	NE Marrakech (MARR)	0.5	
02-01-2025	11:26:40.8	32.292°N	06.184°W	18	2.4 ml	Morocco	0.5	
02-01-2025	11:34:33.9	36.626°N	07.565°W	21	1.1 ml	Golfo de Cádiz	0.5	
02-01-2025	11:40:35.2	36.597°N	07.519°W	20	1.0 ml	Golfo de Cádiz	0.2	
02-01-2025	11:52:06.2	32.320°N	06.245°W	6*	2.6 ml	NE Marrakech (MARR)	0.4	
02-01-2025	12:15:28.5	38.450°N	08.703°W	17	0.8 ml	SE Setúbal	0.2	
02-01-2025	13:32:40.0	37.247°N	08.919°W	28	0.7 ml	SW Aljezur	0.2	
02-01-2025	15:54:32.6	38.714°N	07.929°W	14	0.2 ml	E Arraiolos	0.1	
02-01-2025	17:24:28.2	41.437°N	06.474°W	0*	1.1 ml	SE Vimioso	0.4	
02-01-2025	18:01:31.1	36.660°N	07.200°W	15	1.1 ml	Golfo de Cádiz	0.2	
02-01-2025	18:28:37.3	37.023°N	08.364°W	15	1.1 ml	SW Albufeira	0.3	
02-01-2025	19:03:46.8	36.395°N	07.747°W	19	1.1 ml	Golfo de Cádiz	0.4	
02-01-2025	19:45:11.3	35.846°N	07.469°W	32	1.7 ml	Mar de Marrocos	0.5	
02-01-2025	20:32:33.9	42.515°N	07.643°W	13*	1.4 ml	NE Ourense (ESP)	0.3	
02-01-2025	21:18:07.6	39.095°N	10.313°W	21	1.4 ml	Canhão da Nazaré	0.4	
02-01-2025	22:22:27.2	36.538°N	05.107°W	24	1.4 ml	NE Gibraltar (ESP)	0.5	
02-01-2025	23:07:12.4	37.332°N	08.517°W	12	0.9 ml	NE Monchique	0.4	
03-01-2025	00:06:12.2	37.353°N	08.478°W	8	0.5 ml	NE Monchique	0.3	
03-01-2025	00:17:57.3	37.342°N	08.733°W	3*	0.1 ml	NE Aljezur	0.4	
03-01-2025	00:37:07.0	37.330°N	08.544°W	10	0.3 ml	NE Monchique	0.4	
03-01-2025	01:07:21.4	36.927°N	13.618°W	33*	1.8 ml	Josephine	0.4	
03-01-2025	03:37:58.9	36.492°N	09.656°W	21	1.0 ml	SW Cabo S.Vicente	0.5	
03-01-2025	09:40:57.5	38.719°N	07.901°W	16	0.4 ml	E Arraiolos	0.1	
03-01-2025	10:54:04.4	36.523°N	03.474°W	1*	2.0 ml	SE Granada (ESP)	0.5	
03-01-2025	22:33:57.8	41.406°N	06.550°W	4*	1.6 ml	NE Mogadouro	0.5	
04-01-2025	00:32:34.0	41.400°N	06.517°W	6	1.9 ml	NE Mogadouro	0.5	
04-01-2025	01:36:50.4	41.659°N	07.268°W	11*	-	NE Valpaços	0.3	
04-01-2025	01:43:50.8	42.149°N	07.115°W	13	1.5 ml	NW Vinhais	0.4	
04-01-2025	02:07:05.9	36.412°N	08.841°W	11	1.4 ml	SE Cabo S.Vicente	0.4	
04-01-2025	02:26:47.0	36.665°N	07.517°W	19	0.8 ml	Golfo de Cádiz	0.4	
04-01-2025	03:25:14.8	37.395°N	09.075°W	30	1.4 ml	NW Aljezur	0.3	
04-01-2025	04:09:07.1	42.403°N	07.231°W	12	1.0 ml	E Ourense (ESP)	0.3	
04-01-2025	06:46:28.1	36.229°N	08.115°W	31	1.5 ml	SW Faro	0.4	
04-01-2025	06:45:20.6	37.740°N	08.309°W	2*	0.8 ml	NW Ourique	0.3	
04-01-2025	07:37:45.5	36.380°N	11.100°W	34*	1.5 ml	Gorringe	0.4	
04-01-2025	10:09:02.2	36.149°N	10.248°W	22*	1.5 ml	Gorringe	0.3	
04-01-2025	19:15:02.6	42.727°N	04.189°W	1*	2.2 ml	NW Burgos (ESP)	0.5	
04-01-2025	22:48:57.9	36.488°N	07.620°W	32	1.5 ml	Golfo de Cádiz	0.3	
04-01-2025	23:27:17.2	38.722°N	07.906°W	14	0.3 ml	E Arraiolos	0.2	
05-01-2025	00:41:17.4	41.339°N	08.409°W	18	1.9 ml	E Santo Tirso	0.5	
05-01-2025	02:27:43.9	36.720°N	04.272°W	31	1.9 ml	SE Malaga (ESP)	0.5	

05-01-2025	11:06:19.9	38.774°N	07.930°W	15	0.8 ml	NE Arraiolos	0.2
05-01-2025	12:03:59.5	31.194°N	08.098°W	0	2.9 ml	Morocco	0.3
05-01-2025	12:04:00.2	31.116°N	08.095°W	12	2.8 ml	Morocco	0.4
05-01-2025	13:19:56.8	31.164°N	08.112°W	3*	3.1 ml	Morocco	0.3
05-01-2025	15:43:00.3	38.552°N	08.064°W	34	0.5 ml	W Evora	0.1
05-01-2025	16:42:02.2	36.323°N	09.916°W	31	2.5 ml	SW Cabo S.Vicente	0.4
05-01-2025	19:58:23.7	36.437°N	09.882°W	31	1.9 ml	SW Cabo S.Vicente	0.4
05-01-2025	20:31:33.7	36.718°N	07.432°W	21	1.8 ml	Golfo de Cádiz	0.4
05-01-2025	20:38:43.7	32.469°N	17.051°W	0	1.2 ml	SW Câmara de Lobos (Mdra)	0.1
05-01-2025	23:17:15.3	36.761°N	09.064°W	33	1.0 ml	SW Cabo S.Vicente	0.4
05-01-2025	23:20:54.8	36.584°N	07.230°W	15	1.4 ml	Golfo de Cádiz	0.3
06-01-2025	02:39:51.1	36.687°N	10.971°W	10*	1.8 ml	Gorringe	0.6
06-01-2025	04:04:46.4	39.249°N	09.084°W	17	1.4 ml	NE Cadaval	0.3
06-01-2025	06:06:49.0	38.726°N	07.900°W	14	0.3 ml	E Arraiolos	0.2
06-01-2025	11:06:22.3	41.376°N	06.862°W	12	1.4 ml	NE Alfândega da Fé	0.4
06-01-2025	13:50:24.8	38.783°N	08.399°W	16	0.6 ml	NE Vendas Novas	0.2
06-01-2025	15:45:18.8	38.713°N	07.897°W	15	0.3 ml	E Arraiolos	0.2
06-01-2025	20:43:48.6	36.879°N	08.570°W	28	1.1 ml	SE Lagos	0.3
06-01-2025	21:48:41.7	36.524°N	09.108°W	11	1.4 ml	SW Cabo S.Vicente	0.4
06-01-2025	21:57:23.5	35.917°N	07.647°W	32	1.8 ml	Mar de Marrocos	0.4
06-01-2025	22:23:41.8	36.932°N	10.850°W	33	2.1 ml	Gorringe	0.5
06-01-2025	23:28:36.4	36.654°N	12.901°W	31*	2.1 ml	Gorringe	0.4
06-01-2025	23:34:33.6	36.309°N	02.887°W	3	2.2 ml	Alboran	0.5
07-01-2025	03:08:26.8	38.549°N	07.833°W	5	0.9 ml	SE Evora	0.4
07-01-2025	03:50:16.6	37.313°N	08.495°W	9	0.6 ml	E Monchique	0.3
07-01-2025	04:27:41.4	38.890°N	09.585°W	19	1.1 ml	NW Sintra	0.4
07-01-2025	04:47:51.0	38.693°N	09.341°W	1	1.1 ml	NW Oeiras	0.2
07-01-2025	05:05:21.7	36.658°N	09.738°W	23	1.2 ml	SW Cabo S.Vicente	0.1
07-01-2025	07:39:33.5	38.053°N	08.599°W	1*-0.2 ml		NE Santiago do Cacém	0.4
07-01-2025	08:35:28.9	41.405°N	08.423°W	15	1.5 ml	NE Famalicão	0.4
07-01-2025	08:44:12.5	38.515°N	07.883°W	5	1.7 ml	SE Evora	0.4
07-01-2025	15:16:37.8	36.597°N	06.439°W	12	1.1 ml	Golfo de Cádiz	0.3
07-01-2025	15:38:52.1	38.390°N	08.088°W	0	0.1 ml	NW Viana do Alentejo	0.3
07-01-2025	20:25:43.7	38.718°N	07.895°W	10	0.4 ml	E Arraiolos	0.3
07-01-2025	21:21:29.3	37.313°N	08.615°W	12	0.3 ml	W Monchique	0.3
08-01-2025	00:34:15.4	36.622°N	12.884°W	10*	2.0 ml	Gorringe	0.4
08-01-2025	02:28:22.2	35.383°N	03.575°W	26	2.4 ml	NE Al Hoceima (MARR)	0.4
08-01-2025	02:31:02.5	36.977°N	05.912°W	0*	2.0 ml	SE Sevilha (ESP)	0.4
08-01-2025	03:01:57.2	36.467°N	08.049°W	22	1.2 ml	SW Faro	0.3
08-01-2025	03:52:45.3	36.961°N	05.884°W	4	1.8 ml	SE Sevilha (ESP)	0.4
08-01-2025	04:09:43.3	38.795°N	08.422°W	0	0.9 ml	NE Vendas Novas	0.1
08-01-2025	05:50:18.2	36.408°N	04.724°W	87	1.4 ml	Alboran	0.3
08-01-2025	07:00:46.4	35.904°N	04.691°W	75	1.9 ml	Alboran	0.3
08-01-2025	08:22:30.4	36.715°N	07.520°W	21	1.0 ml	Golfo de Cádiz	0.3
08-01-2025	09:42:52.9	34.202°N	05.737°W	22	2.4 ml	NW Fez (Marr)	0.3
08-01-2025	12:54:35.7	34.174°N	06.015°W	12	2.4 ml	NW Fez (Marr)	0.5
08-01-2025	22:16:41.1	38.723°N	07.897°W	14	0.4 ml	E Arraiolos	0.2
09-01-2025	00:15:15.6	36.758°N	07.225°W	21	1.3 ml	Golfo de Cádiz	0.3
09-01-2025	03:16:51.8	36.973°N	03.760°W	1*	2.1 ml	SW Granada (ESP)	0.5
09-01-2025	04:03:50.4	40.966°N	08.209°W	3	0.9 ml	NE Arouca	0.4
09-01-2025	04:03:56.1	40.865°N	08.116°W	4	1.1 ml	NW S.Pedro do Sul	0.4
09-01-2025	04:35:10.8	37.162°N	08.652°W	7*	0.0 ml	NE Lagos	0.5
09-01-2025	05:10:48.2	37.775°N	08.896°W	13*	1.8 ml	S Sines	0.3
09-01-2025	07:02:36.5	36.860°N	03.692°W	2*	1.7 ml	SW Granada (ESP)	0.4
09-01-2025	09:52:45.1	36.377°N	09.733°W	32*	1.9 ml	SW Cabo S.Vicente	0.4
09-01-2025	12:52:52.7	38.161°N	09.086°W	1*	1.7 ml	NW Sines	0.5
09-01-2025	14:55:16.2	36.309°N	07.887°W	31*	1.1 ml	Golfo de Cádiz	0.3
09-01-2025	16:25:08.4	38.705°N	07.898°W	14	0.5 ml	E Arraiolos	0.2
09-01-2025	16:33:39.3	42.447°N	08.113°W	14	1.9 ml	NW Ourense (ESP)	0.5
09-01-2025	19:16:18.1	40.239°N	08.339°W	15	0.8 ml	SW Penacova	0.3
09-01-2025	22:03:43.6	38.546°N	07.374°W	15	0.5 ml	SE Redondo	0.3
09-01-2025	22:14:47.2	38.159°N	08.634°W	14	0.4 ml	W Grândola	0.1
10-01-2025	00:24:04.6	34.534°N	05.424°W	10*	2.0 ml	NW Fez (Marr)	0.5
10-01-2025	00:43:07.4	35.722°N	04.636°W	86	2.8 ml	Alboran	0.5
10-01-2025	04:28:54.0	37.286°N	08.453°W	13	0.7 ml	SE Monchique	0.3
10-01-2025	04:45:33.8	36.545°N	09.677°W	39*	1.6 ml	SW Cabo S.Vicente	0.4
10-01-2025	06:14:34.8	36.553°N	09.868°W	33*	1.3 ml	SW Cabo S.Vicente	0.4
10-01-2025	06:26:18.5	38.720°N	07.903°W	15	0.3 ml	E Arraiolos	0.2
10-01-2025	16:14:36.2	38.576°N	07.994°W	12	1.3 ml	W Evora	0.3
10-01-2025	23:10:00.4	41.449°N	08.517°W	15*	0.8 ml	N Famalicão	0.4
11-01-2025	00:08:15.3	36.585°N	09.752°W	16	1.3 ml	SW Cabo S.Vicente	0.3

11-01-2025	03:01:17.2	42.899°N	00.269°E	1	3.2 ml	Pirenéus (ESP)	0.4
11-01-2025	04:42:23.4	36.561°N	07.732°W	25	1.1 ml	Golfo de Cádiz	0.4
11-01-2025	09:43:52.6	35.490°N	03.590°W	20	2.1 ml	NE Al Hoceima (MARR)	0.5
11-01-2025	10:40:46.1	35.414°N	03.601°W	18	2.5 ml	NE Al Hoceima (MARR)	0.5
11-01-2025	10:44:09.3	35.390°N	03.581°W	26	2.3 ml	NE Al Hoceima (MARR)	0.4
11-01-2025	11:06:13.7	36.606°N	11.344°W	25*	1.7 ml	Gorringe	0.4
11-01-2025	13:21:34.7	35.721°N	04.638°W	6*	1.6 ml	Alboran	0.5
11-01-2025	15:20:57.1	37.322°N	08.553°W	12	2.1 ml	NE Monchique	0.3
11-01-2025	17:20:36.1	35.620°N	06.928°W	26*	1.4 ml	Costa de Marrocos	0.4
11-01-2025	18:41:29.6	37.205°N	08.605°W	15	0.5 ml	NW Portimão	0.3
11-01-2025	19:37:54.9	38.786°N	08.406°W	11	1.1 ml	NE Vendas Novas	0.3
11-01-2025	22:22:49.2	36.694°N	09.649°W	21	1.3 ml	SW Cabo S.Vicente	0.3
12-01-2025	00:24:27.1	42.519°N	08.574°W	22	2.7 ml	NE Pontevedra (ESP)	0.5
12-01-2025	01:23:50.9	37.161°N	07.887°W	12	0.8 ml	NW S.Brás de Alportel	0.4
12-01-2025	02:56:06.5	37.321°N	08.593°W	14	1.7 ml	NW Monchique	0.4
12-01-2025	03:15:56.6	37.317°N	08.608°W	16	0.7 ml	W Monchique	0.3
12-01-2025	05:24:45.5	38.728°N	07.891°W	12	0.6 ml	E Arraiolos	0.3
12-01-2025	05:52:18.0	37.135°N	07.431°W	15	0.9 ml	S V.R.Sto António	0.3
12-01-2025	06:17:60.0	35.735°N	08.740°W	31	1.7 ml	Mar de Marrocos	0.4
12-01-2025	12:24:23.6	38.730°N	00.437°W	3	3.0 ml	N Alicante (ESP)	0.5
12-01-2025	13:36:51.1	38.852°N	08.070°W	10	1.0 ml	SE Mora	0.3
12-01-2025	14:48:00.1	42.158°N	07.109°W	12	1.1 ml	NW Vinhais	0.4
12-01-2025	15:18:58.3	42.433°N	08.112°W	0*	1.0 ml	NW Ourense (ESP)	0.5
12-01-2025	19:20:05.5	39.371°N	09.153°W	2*	0.5 ml	SW Caldas da Rainha	0.3
12-01-2025	21:27:55.7	41.230°N	06.646°W	15	0.9 ml	SE Mogadouro	0.4
12-01-2025	21:42:33.5	42.781°N	04.192°W	14	2.5 ml	NW Burgos (ESP)	0.5
12-01-2025	22:19:29.6	39.004°N	09.122°W	11	0.8 ml	SE Sobral de Monte Agraço	0.4
12-01-2025	23:46:31.5	35.377°N	03.598°W	20	2.0 ml	NE Al Hoceima (MARR)	0.4
13-01-2025	00:04:43.0	36.463°N	09.873°W	35*	1.7 ml	SW Cabo S.Vicente	0.3
13-01-2025	00:05:36.6	35.414°N	03.568°W	27	2.2 ml	NE Al Hoceima (MARR)	0.4
13-01-2025	02:44:08.2	37.581°N	07.997°W	1*	0.5 ml	NE Almodovar	0.4
13-01-2025	04:01:11.9	37.153°N	14.218°W	34*	2.3 ml	Josephine	0.4
13-01-2025	04:10:08.8	38.721°N	07.893°W	12	0.4 ml	E Arraiolos	0.4
13-01-2025	05:42:47.5	34.401°N	05.628°W	16	1.7 ml	NW Fez (Marr)	0.4
13-01-2025	07:51:55.7	36.829°N	07.881°W	36	0.6 ml	Golfo de Cádiz	0.5
13-01-2025	08:37:28.0	34.323°N	05.795°W	20	2.0 ml	NW Fez (Marr)	0.3
13-01-2025	09:30:58.3	35.999°N	06.979°W	39*	1.6 ml	Costa de Marrocos	0.4
13-01-2025	09:44:54.7	39.325°N	09.864°W	16	1.0 ml	W Peniche	0.2
13-01-2025	17:11:02.9	40.726°N	09.000°W	12	1.5 ml	W Murtosa	0.3
13-01-2025	21:22:18.7	38.806°N	08.038°W	31	-0.1 ml	NW Arraiolos	0.3
14-01-2025	00:00:44.7	36.444°N	09.706°W	16	1.0 ml	SW Cabo S.Vicente	0.4
14-01-2025	03:31:33.2	36.721°N	04.494°W	68	1.7 ml	SW Malaga (ESP)	0.4
14-01-2025	08:46:40.6	36.685°N	13.122°W	10*	2.0 ml	Josephine	0.5
14-01-2025	09:59:20.0	37.048°N	08.622°W	18	1.4 ml	SE Lagos	0.4
14-01-2025	12:26:48.4	40.872°N	08.169°W	4	1.3 ml	SE Arouca	0.4
14-01-2025	13:39:41.3	42.926°N	06.951°W	19	1.7 ml	E Lugo (ESP)	0.4
14-01-2025	13:58:38.2	36.346°N	09.788°W	16	1.5 ml	SW Cabo S.Vicente	0.4
14-01-2025	15:11:55.0	35.722°N	08.782°W	32	1.8 ml	Mar de Marrocos	0.3
15-01-2025	00:24:22.3	37.668°N	08.354°W	2*	0.5 ml	W Ourique	0.4
15-01-2025	00:23:32.9	37.663°N	08.371°W	6*	0.3 ml	W Ourique	0.3
15-01-2025	02:19:00.9	39.183°N	09.206°W	10	0.7 ml	SW Bombarral	0.3
15-01-2025	03:05:06.2	36.549°N	07.196°W	18	1.2 ml	Golfo de Cádiz	0.2
15-01-2025	05:33:02.5	36.838°N	08.344°W	10	0.8 ml	SW Albufeira	0.3
15-01-2025	08:54:28.0	36.810°N	07.411°W	21	1.2 ml	Golfo de Cádiz	0.3
15-01-2025	14:44:46.8	36.304°N	08.604°W	4	1.4 ml	SE Cabo S.Vicente	0.3
15-01-2025	16:12:19.8	41.917°N	07.163°W	14	2.1 ml	NW Vinhais	0.4
15-01-2025	16:33:20.6	36.720°N	07.323°W	20	1.2 ml	Golfo de Cádiz	0.3
15-01-2025	18:14:02.1	36.612°N	09.797°W	16	1.4 ml	SW Cabo S.Vicente	0.4
15-01-2025	20:20:08.5	36.961°N	05.519°W	31	1.5 ml	SE Sevilha (ESP)	0.4
15-01-2025	21:52:06.9	38.721°N	07.898°W	13	0.7 ml	E Arraiolos	0.3
15-01-2025	22:53:55.3	37.331°N	08.533°W	9	0.0 ml	NE Monchique	0.2
16-01-2025	01:27:39.2	36.585°N	07.113°W	15	1.0 ml	Golfo de Cádiz	0.4
16-01-2025	02:04:12.8	40.107°N	08.296°W	1*	0.6 ml	SW Lousã	0.3
16-01-2025	04:13:39.1	38.382°N	07.826°W	3	1.1 ml	NW Portel	0.3
16-01-2025	08:22:46.4	36.807°N	07.728°W	4	1.2 ml	Golfo de Cádiz	0.3
16-01-2025	11:50:24.6	37.488°N	11.300°W	42	1.8 ml	Abissal do Tejo	0.4
16-01-2025	14:34:49.9	31.199°N	08.253°W	4*	2.5 ml	Morocco	0.4
16-01-2025	23:29:19.2	36.608°N	07.132°W	17	1.6 ml	Golfo de Cádiz	0.4
17-01-2025	01:03:09.5	36.621°N	07.721°W	18	1.3 ml	Golfo de Cádiz	0.3
17-01-2025	10:23:54.9	42.446°N	08.102°W	2*	1.3 ml	NW Ourense (ESP)	0.4
17-01-2025	13:15:06.6	36.608°N	07.445°W	11	1.1 ml	Golfo de Cádiz	0.4

17-01-2025	16:05:38.2	36.525°N	09.532°W	21	1.3 ml	SW Cabo S.Vicente	0.2
17-01-2025	18:20:26.4	36.157°N	07.595°W	25	1.6 ml	Golfo de Cádiz	0.4
17-01-2025	20:59:23.2	41.793°N	08.719°W	0*	0.8 ml	SE Caminha	0.4
17-01-2025	22:39:25.5	36.607°N	12.741°W	10*	2.1 ml	Gorringe	0.4
17-01-2025	23:14:58.9	37.172°N	09.033°W	29	0.9 ml	NW Vila do Bispo	0.2
18-01-2025	01:17:33.8	42.695°N	09.719°W	2	1.2 ml	Costa da Galiza (ESP)	0.4
18-01-2025	02:41:19.5	35.485°N	03.564°W	19	1.9 ml	NE Al Hoceima (MARR)	0.5
18-01-2025	04:30:52.8	37.248°N	03.890°W	31	1.7 ml	NW Granada (ESP)	0.5
18-01-2025	05:17:27.8	36.538°N	09.814°W	14	1.5 ml	SW Cabo S.Vicente	0.4
18-01-2025	06:11:06.4	38.405°N	08.496°W	12*	0.3 ml	NE Alcácer do Sal	0.4
18-01-2025	09:14:54.4	36.016°N	10.695°W	28*	1.6 ml	Gorringe	0.4
18-01-2025	16:00:19.8	34.571°N	05.247°W	19	1.9 ml	NW Fez (Marr)	0.5
18-01-2025	17:58:32.4	36.722°N	09.696°W	30*	1.0 ml	SW Cabo S.Vicente	0.5
18-01-2025	20:09:05.8	36.619°N	09.682°W	19	0.3 ml	SW Cabo S.Vicente	0.3
18-01-2025	23:18:05.0	38.725°N	07.900°W	15	0.1 ml	E Arraiolos	0.2
19-01-2025	00:04:26.4	38.765°N	08.009°W	14	0.3 ml	NW Arraiolos	0.2
19-01-2025	00:41:23.1	36.875°N	09.223°W	30	0.7 ml	SW Cabo S.Vicente	0.4
19-01-2025	01:12:43.5	37.000°N	05.335°W	13	1.3 ml	SE Sevilha (ESP)	0.4
19-01-2025	02:32:03.1	36.566°N	09.711°W	31*	0.7 ml	SW Cabo S.Vicente	0.3
19-01-2025	02:52:45.7	37.279°N	15.662°W	22*	2.3 ml	Madeira-Tore	0.5
19-01-2025	04:54:05.1	37.047°N	05.215°W	2*	1.9 ml	SE Sevilha (ESP)	0.5
19-01-2025	05:02:05.4	36.487°N	14.142°W	36*	1.5 ml	Josephine	0.5
19-01-2025	05:36:25.7	38.809°N	08.949°W	3*	0.4 ml	NE Alcochete	0.4
19-01-2025	07:58:59.3	36.141°N	07.946°W	33*	1.2 ml	Golfo de Cádiz	0.3
19-01-2025	08:42:44.4	36.678°N	07.413°W	35*	1.5 ml	Golfo de Cádiz	0.4
19-01-2025	10:16:54.1	32.539°N	05.310°W	1*	2.3 ml	S Fez (Marr)	0.5
19-01-2025	12:45:05.0	38.814°N	08.944°W	5	0.8 ml	NE Alcochete	0.4
19-01-2025	15:08:21.9	38.734°N	07.902°W	13	0.5 ml	E Arraiolos	0.3
19-01-2025	16:10:44.2	36.968°N	05.336°W	11	1.4 ml	SE Sevilha (ESP)	0.3
19-01-2025	19:30:25.2	38.482°N	07.886°W	15	1.0 ml	SE Evora	0.3
19-01-2025	20:14:37.3	34.538°N	15.808°W	18*	2.4 ml	NE Porto Santo (Madeira)	0.4
19-01-2025	22:59:34.2	37.175°N	08.585°W	22	1.0 ml	NW Portimão	0.2
19-01-2025	23:50:24.0	41.911°N	07.164°W	20	0.9 ml	NW Vinhais	0.4
20-01-2025	00:42:24.5	38.712°N	07.857°W	9	0.3 ml	E Arraiolos	0.2
20-01-2025	01:36:56.7	36.595°N	09.719°W	36*	1.7 ml	SW Cabo S.Vicente	0.5
20-01-2025	03:09:59.8	35.318°N	04.458°W	38*	2.1 ml	W Al Hoceima (MARR)	0.5
20-01-2025	03:43:18.7	38.757°N	08.037°W	11	0.0 ml	NW Arraiolos	0.4
20-01-2025	05:14:16.7	36.986°N	05.356°W	5	1.8 ml	SE Sevilha (ESP)	0.4
20-01-2025	07:09:35.4	36.883°N	09.225°W	28	1.5 ml	SW Cabo S.Vicente	0.4
20-01-2025	14:14:05.3	37.396°N	14.173°W	10*	2.3 ml	Josephine	0.3
20-01-2025	15:01:00.9	38.724°N	07.901°W	15	0.9 ml	E Arraiolos	0.2
20-01-2025	15:05:43.5	36.565°N	09.742°W	17	1.6 ml	SW Cabo S.Vicente	0.4
20-01-2025	17:31:02.4	35.928°N	08.742°W	32	1.7 ml	Mar de Marrocos	0.3
20-01-2025	19:05:39.1	36.995°N	05.246°W	20	1.7 ml	SE Sevilha (ESP)	0.4
20-01-2025	19:18:03.3	38.380°N	07.989°W	2*	0.5 ml	NE Viana do Alentejo	0.2
20-01-2025	19:26:53.4	39.293°N	08.417°W	0	0.5 ml	SE Chamusca	0.4
20-01-2025	19:56:51.2	36.967°N	05.415°W	7*	1.4 ml	SE Sevilha (ESP)	0.3
20-01-2025	21:29:46.2	36.712°N	07.441°W	21	1.3 ml	Golfo de Cádiz	0.4
20-01-2025	22:18:21.1	36.688°N	07.427°W	19	1.1 ml	Golfo de Cádiz	0.4
20-01-2025	23:36:09.7	38.726°N	07.899°W	16	0.5 ml	E Arraiolos	0.0
21-01-2025	00:04:55.0	38.870°N	09.244°W	18	0.5 ml	NW Loures	0.3
21-01-2025	01:39:48.8	38.476°N	08.040°W	9	0.4 ml	SW Evora	0.3
21-01-2025	06:01:31.6	40.003°N	02.072°W	12	2.4 ml	SE Cuenca (ESP)	0.5
21-01-2025	06:33:22.9	36.616°N	09.704°W	31	1.6 ml	SW Cabo S.Vicente	0.3
21-01-2025	06:54:44.9	34.571°N	03.738°W	2*	2.0 ml	SE Al Hoceima (MARR)	0.4
21-01-2025	10:28:26.2	37.442°N	09.194°W	28	1.6 ml	NW Aljezur	0.4
21-01-2025	11:11:37.4	38.716°N	07.893°W	16	0.3 ml	E Arraiolos	0.2
21-01-2025	13:32:36.8	38.728°N	07.900°W	14	0.4 ml	E Arraiolos	0.3
21-01-2025	13:38:25.8	38.037°N	05.366°W	14	0.9 ml	NW Cordova (ESP)	0.5
21-01-2025	17:22:49.5	38.005°N	09.147°W	11	1.4 ml	NW Sines	0.3
21-01-2025	18:02:46.2	38.010°N	09.442°W	21	1.3 ml	W Sines	0.4
21-01-2025	18:18:55.5	37.306°N	04.569°W	11	2.1 ml	NW Malaga (ESP)	0.4
21-01-2025	19:10:17.0	38.515°N	07.657°W	8	0.6 ml	NW Reguengos de Monsaráz	0.3
21-01-2025	19:48:18.5	38.722°N	07.892°W	16	0.7 ml	E Arraiolos	0.1
22-01-2025	00:05:46.6	35.091°N	04.464°W	61	2.0 ml	SW Al Hoceima (MARR)	0.5
22-01-2025	02:00:07.3	38.723°N	07.895°W	14	0.6 ml	E Arraiolos	0.2
22-01-2025	04:08:24.2	37.688°N	04.125°W	23	3.1 ml	SE Cordova (ESP)	0.5
22-01-2025	05:35:08.2	37.488°N	03.580°W	12	2.6 ml	N Granada (ESP)	0.5
22-01-2025	07:26:39.7	38.467°N	07.842°W	5	1.8 ml	SE Evora	0.4
22-01-2025	07:31:42.8	38.487°N	07.845°W	10	0.9 ml	SE Evora	0.3
22-01-2025	07:41:09.2	38.725°N	07.904°W	17	0.8 ml	E Arraiolos	0.1

22-01-2025	15:44:00.0	38.729°N	07.900°W	17	0.2 ml	E Arraiolos	0.0
22-01-2025	16:08:30.4	35.472°N	03.601°W	16	2.3 ml	NE Al Hoceima (MARR)	0.5
22-01-2025	17:39:45.6	36.597°N	09.784°W	16	1.8 ml	SW Cabo S.Vicente	0.4
22-01-2025	17:42:19.5	36.604°N	09.779°W	18	2.0 ml	SW Cabo S.Vicente	0.5
22-01-2025	18:57:12.1	36.311°N	08.321°W	32	2.0 ml	SW Faro	0.4
22-01-2025	19:47:51.0	36.643°N	09.733°W	24	2.0 ml	SW Cabo S.Vicente	0.3
22-01-2025	21:06:26.9	37.949°N	09.523°W	18	1.6 ml	W Sines	0.5
22-01-2025	23:29:09.1	43.459°N	00.605°W	7*	2.4 ml	Pyrenees	0.4
23-01-2025	01:56:08.0	38.725°N	07.890°W	11	0.9 ml	E Arraiolos	0.3
23-01-2025	02:22:13.2	35.150°N	05.786°W	30	2.0 ml	SW Tetuan (MARR)	0.3
23-01-2025	10:32:13.1	37.027°N	05.437°W	5	2.1 ml	SE Sevilha (ESP)	0.4
23-01-2025	10:34:27.9	37.012°N	05.448°W	8	1.5 ml	SE Sevilha (ESP)	0.4
23-01-2025	11:05:36.8	38.802°N	08.106°W	7	0.5 ml	NW Arraiolos	0.4
23-01-2025	11:09:52.7	36.973°N	05.367°W	18	1.7 ml	SE Sevilha (ESP)	0.4
23-01-2025	11:44:07.5	38.733°N	07.906°W	18	0.8 ml	E Arraiolos	0.2
23-01-2025	12:39:21.4	41.903°N	07.137°W	16	1.0 ml	NW Vinhais	0.2
23-01-2025	14:18:06.1	38.781°N	08.395°W	18	0.3 ml	NE Vendas Novas	0.2
23-01-2025	15:40:46.9	41.919°N	07.175°W	11	0.9 ml	NW Vinhais	0.3
23-01-2025	18:11:30.3	35.855°N	04.635°W	77	1.8 ml	Alboran	0.3
23-01-2025	20:42:46.0	37.319°N	08.624°W	19	0.1 ml	W Monchique	0.2
23-01-2025	22:52:10.8	43.617°N	00.688°W	18	2.3 ml	Pyrenees	0.5
24-01-2025	01:23:02.3	43.936°N	08.207°W	2	2.2 ml	NE Coruna (ESP)	0.4
24-01-2025	02:35:54.1	38.594°N	08.000°W	1	0.7 ml	NW Evora	0.2
24-01-2025	02:40:13.9	36.587°N	09.798°W	15	1.4 ml	SW Cabo S.Vicente	0.3
24-01-2025	02:50:47.3	38.726°N	07.901°W	13	0.6 ml	E Arraiolos	0.3
24-01-2025	03:33:53.8	35.991°N	08.561°W	0*	0.8 ml	Mar de Marrocos	0.4
24-01-2025	03:55:23.8	36.775°N	07.439°W	19	0.4 ml	Golfo de Cádiz	0.1
24-01-2025	03:57:10.3	43.138°N	08.936°W	13	1.6 ml	NE Cabo Finisterra (ESP)	0.5
24-01-2025	04:34:36.2	39.556°N	09.687°W	11	0.7 ml	NW Peniche	0.3
24-01-2025	07:11:52.6	36.493°N	09.861°W	31	1.7 ml	SW Cabo S.Vicente	0.3
24-01-2025	09:07:32.7	39.241°N	07.254°W	3	1.1 ml	NE Arronches	0.3
24-01-2025	10:26:54.8	37.317°N	08.548°W	15	0.5 ml	NE Monchique	0.1
24-01-2025	10:39:21.9	38.018°N	09.478°W	31	1.1 ml	W Sines	0.3
24-01-2025	11:08:55.5	38.724°N	07.901°W	17	0.3 ml	E Arraiolos	0.1
24-01-2025	11:36:28.5	36.284°N	08.258°W	14	0.8 ml	SW Faro	0.3
24-01-2025	11:37:00.7	36.213°N	08.356°W	32	1.3 ml	SW Faro	0.3
24-01-2025	13:56:21.3	37.309°N	08.575°W	11	0.6 ml	SW Monchique	0.3
24-01-2025	15:30:54.9	38.723°N	07.897°W	15	0.7 ml	E Arraiolos	0.2
24-01-2025	15:34:11.0	38.725°N	07.925°W	15	0.4 ml	E Arraiolos	0.3
24-01-2025	16:02:49.8	36.475°N	07.739°W	17	3.1 ml	Golfo de Cádiz	0.4
24-01-2025	18:01:01.8	36.086°N	08.518°W	31	1.6 ml	SE Cabo S.Vicente	0.3
24-01-2025	19:05:46.4	36.180°N	06.576°W	2	1.5 ml	Golfo de Cádiz	0.4
24-01-2025	19:19:42.2	36.958°N	05.374°W	4	1.5 ml	SE Sevilha (ESP)	0.4
24-01-2025	19:42:30.2	35.916°N	07.571°W	31	1.4 ml	Mar de Marrocos	0.3
24-01-2025	21:06:55.6	37.182°N	07.611°W	0	1.4 ml	NE Tavira	0.4
24-01-2025	21:33:53.9	38.800°N	08.069°W	22	0.7 ml	NW Arraiolos	0.2
24-01-2025	22:57:18.2	37.310°N	08.520°W	9	0.9 ml	E Monchique	0.3
25-01-2025	01:09:28.9	36.590°N	07.504°W	12	0.7 ml	Golfo de Cádiz	0.2
25-01-2025	03:16:47.4	36.146°N	07.682°W	23	1.4 ml	Golfo de Cádiz	0.4
25-01-2025	04:25:10.3	40.183°N	02.373°W	21	2.4 ml	NW Cuenca (ESP)	0.4
25-01-2025	09:46:27.2	38.725°N	07.912°W	14	0.5 ml	E Arraiolos	0.2
25-01-2025	12:58:58.3	42.380°N	08.099°W	5	1.8 ml	NW Ourense (ESP)	0.4
25-01-2025	17:42:19.7	34.363°N	06.028°W	68	1.8 ml	NW Fez (Marr)	0.4
25-01-2025	20:21:36.2	38.730°N	07.908°W	14	0.5 ml	E Arraiolos	0.2
25-01-2025	21:51:47.4	37.317°N	02.113°W	0	2.6 ml	SE Almeria (ESP)	0.4
26-01-2025	05:41:48.6	36.412°N	09.691°W	18	1.6 ml	SW Cabo S.Vicente	0.4
26-01-2025	11:33:32.6	36.618°N	09.808°W	17	1.7 ml	SW Cabo S.Vicente	0.4
26-01-2025	14:40:06.9	38.512°N	07.850°W	14	0.8 ml	SE Evora	0.3
26-01-2025	14:53:53.0	38.729°N	07.906°W	11	0.8 ml	E Arraiolos	0.3
26-01-2025	15:18:55.2	37.316°N	08.555°W	16	0.9 ml	NE Monchique	0.3
26-01-2025	15:30:17.4	36.765°N	04.312°W	57	1.6 ml	NE Malaga (ESP)	0.5
26-01-2025	18:02:16.7	36.622°N	11.064°W	10*	1.9 ml	Gorringe	0.4
26-01-2025	18:27:58.7	41.951°N	08.107°W	1*	1.3 ml	SE Melgaço	0.5
26-01-2025	22:50:17.6	36.441°N	07.761°W	21	2.0 ml	Golfo de Cádiz	0.3
27-01-2025	00:42:31.1	38.405°N	09.632°W	7	1.6 ml	SW Cascais	0.1
27-01-2025	03:19:08.2	38.633°N	07.903°W	12	0.4 ml	N Evora	0.3
27-01-2025	07:26:13.4	42.528°N	08.658°W	6	1.9 ml	N Pontevedra (ESP)	0.3
27-01-2025	07:57:33.3	36.425°N	07.792°W	15	1.3 ml	Golfo de Cádiz	0.3
27-01-2025	10:17:53.4	38.725°N	07.899°W	15	0.4 ml	E Arraiolos	0.2
27-01-2025	16:27:47.8	32.470°N	17.087°W	8*	1.6 ml	S Ribeira Brava (Madeira)	0.3
28-01-2025	03:04:33.3	36.600°N	07.500°W	18	1.6 ml	Golfo de Cádiz	0.4

28-01-2025	04:32:31.1	36.026°N	08.495°W	37*	1.3 ml	SW Albufeira	0.3
28-01-2025	05:57:26.2	35.730°N	04.691°W	76	1.8 ml	Alboran	0.3
28-01-2025	07:19:46.9	34.351°N	16.157°W	19*	2.8 ml	N Porto Santo (Madeira)	0.5
28-01-2025	10:46:20.5	36.265°N	08.429°W	11	1.5 ml	SW Albufeira	0.2
28-01-2025	14:58:43.2	36.565°N	12.780°W	34*	2.2 ml	Gorringe	0.5
28-01-2025	20:19:33.9	37.153°N	07.421°W	1*	0.6 ml	S V.R.Sto António	0.3
29-01-2025	00:42:54.8	37.265°N	08.460°W	15	0.9 ml	N Silves	0.4
29-01-2025	00:49:02.8	37.264°N	08.467°W	18	0.6 ml	NW Silves	0.3
29-01-2025	01:57:26.6	36.750°N	07.306°W	6*	0.6 ml	Golfo de Cádiz	0.4
29-01-2025	09:41:07.6	35.831°N	04.817°W	49	1.9 ml	Alboran	0.4
29-01-2025	14:37:32.1	38.732°N	07.924°W	16	0.7 ml	E Arraiolos	0.4
29-01-2025	16:02:36.1	38.418°N	08.106°W	11	0.9 ml	NW Viana do Alentejo	0.1
29-01-2025	23:33:07.9	36.478°N	09.754°W	19	1.8 ml	SW Cabo S.Vicente	0.4
30-01-2025	02:11:31.9	38.724°N	07.885°W	11	1.0 ml	E Arraiolos	0.3
30-01-2025	06:37:50.4	34.778°N	05.676°W	19	2.3 ml	SW Tetuan (MARR)	0.3
30-01-2025	15:36:14.3	36.085°N	10.197°W	10*	2.0 ml	Gorringe	0.3
30-01-2025	19:11:22.8	38.719°N	07.897°W	15	0.6 ml	E Arraiolos	0.2
30-01-2025	19:29:45.2	36.645°N	07.143°W	2*	1.5 ml	Golfo de Cádiz	0.5
31-01-2025	00:25:38.5	37.920°N	08.125°W	12	1.3 ml	NE Aljustrel	0.2
31-01-2025	01:44:05.8	38.637°N	08.020°W	12	0.9 ml	SW Arraiolos	0.3
31-01-2025	03:40:37.8	36.871°N	08.587°W	26	1.4 ml	SE Lagos	0.3
31-01-2025	05:10:17.9	38.493°N	08.343°W	4*	0.6 ml	SW Montemor-o-Novo	0.4
31-01-2025	05:59:51.9	36.751°N	07.649°W	25	1.0 ml	Golfo de Cádiz	0.2
31-01-2025	06:55:05.7	35.420°N	03.610°W	18	2.2 ml	NE Al Hoceima (MARR)	0.5
31-01-2025	07:58:19.6	38.699°N	07.836°W	12	0.7 ml	E Arraiolos	0.3
31-01-2025	08:27:39.0	42.421°N	08.102°W	15	1.5 ml	NW Ourense (ESP)	0.4
31-01-2025	08:28:34.0	42.427°N	08.119°W	14	0.9 ml	NW Ourense (ESP)	0.4
31-01-2025	10:20:44.0	38.813°N	08.474°W	3*	0.3 ml	N Vendas Novas	0.3
31-01-2025	10:30:56.6	38.158°N	08.296°W	2*	1.1 ml	NW Ferreira do Alentejo	0.3
31-01-2025	14:52:30.8	37.307°N	07.810°W	1*	0.8 ml	NE S.Brás de Alportel	0.4
31-01-2025	16:54:39.8	36.575°N	11.287°W	27	2.1 ml	Gorringe	0.4
31-01-2025	17:25:16.0	36.630°N	09.781°W	17	1.3 ml	SW Cabo S.Vicente	0.4
31-01-2025	20:14:41.4	36.636°N	09.699°W	35*	-	SW Cabo S.Vicente	0.2
31-01-2025	20:29:20.6	35.495°N	03.641°W	21	1.9 ml	NE Al Hoceima (MARR)	0.5

01-Jan Ho 00:01:36.1 ML 0.3						
Lat 38.706°N Lon 07.819°W Prof 16						
Região: E Arraiolos Rms 0.1						
AxMax 1.3 AxMin 1.0 Ang 85 ErrZ 4						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	00:01:40.52		HZ		
	e Sg	00:01:44.04		HE		
EVO	e Pg	00:01:40.87		HZ		
	e Sg	00:01:44.66		HN		
	IAML	00:01:44.79		HZ	0.005	0.1
PESTR	e Pg	00:01:41.08		HZ		
	e Sg	00:01:45.04		HN		
PMTG	e Sg	00:01:51.96		HN		
PBAR	e P	00:01:50.48		HZ		
	e S	00:02:01.99		HN		
PLOUS	e S	00:02:02.30		HN		

MESJ	e S	00:18:25.67	HN		
PBAR	e P	00:18:10.86	HZ		
	e S	00:18:29.44	HE		
	IAML	00:18:30.65	HZ	0.001	0.6
PLOUS	e P	00:18:12.01	HZ		
	e S	00:18:30.93	HE		
GRNL	e S	00:18:35.25	CE		
PESTR	e S	00:18:45.19	HN		
PARRA	e P	00:18:20.05	HZ		
	e S	00:18:45.60	HE		
PMTG	e P	00:18:23.90	HZ		
	e S	00:18:52.87	HN		
PMRV	e P	00:18:28.24	HZ		
	e S	00:18:58.94	HN		

01-Jan Ho 00:17:46.1 ML 1.0						
Lat 36.686°N Lon 07.336°W Prof 17						
Região: Golfo de Cádiz Rms 0.4						
AxMax 6.2 AxMin 3.7 Ang 54 ErrZ 4						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	00:17:59.76		HZ		
	e S	00:18:09.34		HE		
	IAML	00:18:13.87		HZ	0.003	0.8
PVAQ	e P	00:18:00.24		HZ		
	e S	00:18:10.44		H1		
	IAML	00:18:11.89		HZ	0.003	0.5
PCVE	e S	00:18:19.08		HE		
	IAML	00:18:23.90		HZ	0.001	0.3
MORF	e S	00:18:25.32		HN		

01-Jan Ho 01:08:52.9 ML 0.7						
Lat 36.547°N Lon 07.664°W Prof 13						
Região: Golfo de Cádiz Rms 0.4						
AxMax 8.1 AxMin 6.4 Ang 118 ErrZ 5						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	01:09:06.43		HZ		
	e S	01:09:16.40		HE		
PVAQ	e P	01:09:07.94		HZ		
	e S	01:09:19.44		H1		
PFVI	e S	01:09:27.11		HN		
PCVE	e S	01:09:28.06		HN		
PBAR	e S	01:09:41.91		HN		
GRNL	e P	01:09:21.33		CZ		
PARRA	e P	01:09:28.06		HZ		
	e S	01:09:54.81		HE		

01-Jan						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
GRNL	e Pg	02:37:40.12		CZ		
	e Sg	02:37:42.49		CN		
	IAML	02:37:42.76		CZ	0.001	0.3
PLOUS	e Pg	02:37:40.60		HZ		
	e Sg	02:37:43.09		HN		

01-Jan	Ho	02:47:10.2			ML 0.6	
	Lat	37.335°N	Lon	08.551°W	Prof 16	
	Região: NE Monchique				Rms 0.3	
	AxMax	2.2	AxMin	1.3	Ang 125	ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MORF	e Pg	02:47:13.10		HZ		
	e Sg	02:47:15.84		HE		
	IAML	02:47:16.06		HZ	0.005	0.2
PTEO	e Pg	02:47:15.76		HZ		
	e Sg	02:47:19.64		HN		
PFVI	e Pg	02:47:15.98		HZ		
	e Sg	02:47:20.26		HN		
	IAML	02:47:21.02		HZ	0.004	0.2
PBDV	e Pg	02:47:19.54		HZ		
	e Sg	02:47:27.08		HE		
PCVE	e Pg	02:47:19.81		HZ		
	e Sg	02:47:26.65		HN		
MESJ	e Pg	02:47:21.04		HZ		
	e Sg	02:47:28.70		HN		
PVAQ	e Pg	02:47:22.60		HZ		
	e Sg	02:47:31.35		H2		
	IAML	02:47:32.89		HZ	0.002	0.1
PLOUS	e Pg	02:47:23.21		HZ		
	e Sg	02:47:32.29		HN		
	IAML	02:47:32.79		HZ	0.003	0.5
GRNL	e P	02:47:24.49		CZ		
	e S	02:47:34.32		CN		
	IAML	02:47:35.46		CZ	0.002	0.3
PBAR	e Sg	02:47:55.91		HE		
PARRA	e Sg	02:47:57.75		HE		

01-Jan	Ho	03:27:56.6	Distante (NEIC)	mb 4.5		
	Lat	09.164°N	Lon	40.020°E	Prof 10	
	Região: Ethiopia					
<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 LR	03:59:22.62		LZ		
	IAMs_20	04:01:40.52		LZ	0.348	18
PMRV	e LR	03:59:47.27		LZ		
	IAMs_20	04:02:30.11		LZ	0.331	16
MVO	e LR	03:59:36.33		LZ		
	IAMs_20	04:02:55.87		LZ	0.387	16
MTE	e LR	03:59:41.11		LZ		
	IAMs_20	04:02:26.50		LZ	0.291	18
PGAV	e LR	03:58:57.75		LZ		
	IAMs_20	04:03:40.56		LZ	0.375	14
PMOZ	e LR	04:03:13.11		LZ		
	IAMs_20	04:04:35.11		LZ	0.343	16

01-Jan	Ho	03:59:32.1			ML 1.9	
	Lat	34.584°N	Lon	05.473°W	Prof 17*	
	Região: NW Fez (Marr)				Rms 0.4	
	AxMax	5.2	AxMin	1.7	Ang 75	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	04:00:22.33		HZ		
	e S	04:00:59.56		HE		
PVAQ	e P	04:00:22.44		HZ		
	e S	04:00:59.97		H1		
	IAML	04:01:02.08		HZ	0.003	0.6
PCVE	e P	04:00:27.27		HZ		
	e S	04:01:08.71		HE		
MORF	e S	04:01:10.97		HE		
PBAR	e P	04:00:28.67		HZ		
	e S	04:01:10.84		HE		
	IAML	04:01:12.22		HZ	0.001	0.8
MESJ	e P	04:00:30.58		HZ		
	e S	04:01:16.23		HE		
PTEO	e P	04:00:31.04		HZ		
	e S	04:01:15.96		HN		
PLOUS	e P	04:00:33.84		HZ		
	e S	04:01:21.77		HE		

GRNL	e P	04:00:36.04		CZ		
	e S	04:01:24.44		CN		
PESTR	e P	04:00:40.97		HZ		
	e S	04:01:30.66		HE		
PARRA	e P	04:00:41.26		HZ		
	e S	04:01:33.67		HN		
PMTG	e S	04:01:41.67		HE		
PMRV	e P	04:00:47.21		HZ		
	e S	04:01:43.17		HN		
PSARD	e S	04:01:51.52		HN		

01-Jan	Ho	03:56:39.6	Distante (NEIC)	Mw 4.9		
	Lat	23.077°S	Lon	66.657°W	Prof 206	
	Região: Jujuy Province, Argentina					
<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	04:07:48.85		BZ		
	IAMB	04:07:52.18		BZ	0.083	1.5
MORF	e P	04:08:32.80		BZ		
PTEO	e P	04:08:34.40		BZ		
GRNL	e P	04:08:36.03		BZ		
PCVE	e P	04:08:36.28		BZ		
PLOUS	e P	04:08:36.46		BZ		
MESJ	e P	04:08:35.81		BZ		
PBEJ	e P	04:08:38.14		SZ		
MOE	e P	04:08:37.83		BZ		
EVO	e P	04:08:38.54		BZ		
PARRA	e P	04:08:39.94		BZ		
PMTG	e P	04:08:40.08		BZ		
	IAMB	04:08:41.12		BZ	0.028	1.4
PBAR	e P	04:08:40.83		BZ		
PESTR	e P	04:08:41.74		BZ		
	IAMB	04:08:42.50		BZ	0.032	1.3
PSARD	e P	04:08:41.34		BZ		
	IAMB	04:08:44.37		BZ	0.035	1.7
PCAS	e P	04:08:42.60		BZ		
MTE	e P	04:08:46.51		BZ		
PVRL	e P	04:08:48.71		SZ		
PCAB	e P	04:08:47.74		SZ		
PGAV	e P	04:08:50.32		BZ		
MVO	e P	04:08:50.33		BZ		

01-Jan	Ho	04:36:01.0			ML 1.6	
	Lat	35.747°N	Lon	04.652°W	Prof 84	
	Região: Alboran				Rms 0.4	
	AxMax	4.0	AxMin	2.5	Ang 88	ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	04:36:45.94		HZ		
	e S	04:37:18.88		H1		
PBDV	e P	04:36:46.38		HZ		
	e S	04:37:20.77		HN		
PBAR	e P	04:36:47.42		HZ		
	e S	04:37:21.78		HE		
PTEO	e S	04:37:37.35		HE		
PLOUS	e S	04:37:38.18		HE		
PESTR	e S	04:37:41.31		HE		
GRNL	e S	04:37:41.26		CE		
PARRA	e P	04:37:01.18		HZ		
	e S	04:37:45.27		HE		
PMRV	e S	04:37:50.74		HE		

01-Jan	Ho	04:58:15.6			ML 1.7	
	Lat	36.462°N	Lon	03.662°W	Prof 18	
	Região: Alboran				Rms 0.5	
	AxMax	4.0	AxMin	2.8	Ang 8	ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	04:59:05.38		HZ		
	e S	04:59:40.38		HE		
PVAQ	e P	04:59:06.51		HZ		
	e S	04:59:43.99		H1		
PBDV	e P	04:59:09.01		HZ		
	e S	04:59:48.36		HE		
MESJ	e P	04:59:14.57		HZ		
PESTR	e P	04:59:16.93		HZ		
	e S	04:59:58.93		HE		
EVO	e P	04:59:16.73		HZ		
	e S	05:00:00.87		HN		
MORF	e S	05:00:02.65		HN		

PLOUS	e P	04:59:17.40		HZ						01-Jan	Ho	06:07:27.0						ML 0.9	
	e S	05:00:02.59		HE							Lat	36.496°N		Lon	07.612°W			Prof 15	
PMRV	e P	04:59:19.16		HZ							Região: Golfo de Cádiz								Rms 0.4
PARRA	e P	04:59:18.99		HZ							AxMax	5.7	AxMin	5.4	Ang	122		ErrZ 5	
	e S	05:00:04.77		HE						Est	Fase	P	h:m:s		Dur	Co		Amp Per	
GRNL	e P	04:59:19.77		CZ						PBDV	e P		06:07:41.47			HZ			
MOE	e P	04:59:20.69		HZ							e S		06:07:52.26			HN			
PMTG	e P	04:59:23.84		HZ						PVAQ	e P		06:07:43.51			HZ			
	e S	05:00:11.30		HE							e S		06:07:54.96			H1			
PSARD	e P	04:59:26.44		HZ						MORF	e P		06:07:47.94			HZ			
	e S	05:00:17.82		HN							e S		06:08:02.30			HE			
											IAML		06:08:03.07			HZ	0.005	0.2	
01-Jan	Ho	04:39:17.1		Distante (NEIC)		Mw	5.6			PFVI	e P		06:07:46.80			HZ			
	Lat	20.885°S		Lon	169.333°E		Prof	10			e S		06:08:01.23			HE			
Região: Vanuatu Islands										PCVE	e S		06:08:03.13			HE			
Est	Fase	P	h:m:s	Dur	Co		Amp	Per		PTEO	e Pn		06:07:51.01			HZ			
PBRG	e PKPdf		04:59:13.30		BZ						e Sg		06:08:09.40			HN			
	e PKPab		04:59:48.07		BZ					MESJ	e Sg		06:08:13.04			HN			
PGAV	e LR		05:58:58.88		LZ					PLOUS	e Pn		06:07:52.27			HZ			
	IAMs_20		06:09:07.50		LZ	0.468	22				e Sg		06:08:19.91			HN			
POLO	e PKPab		04:59:54.05		BZ					PBAR	e Pn		06:07:54.55			HZ			
PVRL	e PKPdf		04:59:15.33		SZ						e Sn		06:08:16.08			HN			
	e PKPab		04:59:53.74		SZ					GRNL	e Sg		06:08:22.73			CN			
MVO	e PKPdf		04:59:13.83		BZ					PARRA	e Pn		06:08:01.40			HZ			
	e PKPab		04:59:53.53		BZ						e Sn		06:08:30.13			HN			
	e LR		06:00:54.57		LZ					PMTG	e Sn		06:08:37.44			HE			
	IAMs_20		06:12:40.70		LZ	0.745	22												
PVIS	e PKPab		04:59:55.87		BZ					01-Jan	Ho	08:05:10.4						ML 2.4	
MTE	e PKPdf		04:59:16.15		BZ						Lat	34.129°N		Lon	04.799°W			Prof 18	
	e PKPab		04:59:57.19		BZ						Região: NE Fez (Marr)								Rms 0.4
	e LR		05:59:54.57		LZ					Est	Fase	P	h:m:s		Dur	Co		ErrZ 8	
	IAMs_20		06:12:20.05		LZ	0.673	22				AxMax	4.7	AxMin	3.6	Ang	125		Amp Per	
COI	e PKPab		04:59:58.80		BZ					PBDV	e P		08:06:10.06			HZ			
PCAS	e PKPdf		04:59:19.11		BZ						e S		08:06:54.97			HE			
	e PKPab		04:59:59.11		BZ						IAML		08:07:06.08			HZ	0.006	0.7	
PSARD	e PKPab		05:00:00.64		BZ					PVAQ	e P		08:06:10.27			HZ			
PMRV	e PKPab		05:00:01.14		BZ						e S		08:06:55.35			H2			
	e LR		06:00:30.56		LZ						IAML		08:06:56.08			HZ	0.006	0.2	
	IAMs_20		06:13:08.85		LZ	0.674	20			PCVE	e P		08:06:15.80			HZ			
PMTG	e PKPab		05:00:02.67		BZ						e S		08:07:03.58			HE			
PESTR	e PKPab		05:00:03.51		BZ						IAML		08:07:06.08			HZ	0.003	0.2	
PARRA	e PKPab		05:00:04.09		BZ					PMONC	e P		08:06:16.21			HZ			
MOE	e PKPab		05:00:05.55		BZ						e S		08:07:04.82			H2			
PBAR	e PKPab		05:00:06.52		BZ						IAML		08:07:06.09			HZ	0.016	0.6	
PBEJ	e PKPdf		04:59:18.78		SZ					PBAR	e P		08:06:16.45			HZ			
	e PKPab		05:00:07.84		SZ						e S		08:07:03.79			HE			
PLOUS	e PKPdf		04:59:19.60		BZ						IAML		08:07:16.81			HZ	0.004	0.6	
	e PKPab		05:00:07.95		BZ					PFVI	e P		08:06:16.35			HZ			
MESJ	e PKPab		05:00:08.96		BZ						e S		08:07:05.45			HE			
PCVE	e PKPdf		04:59:19.77		BZ						IAML		08:07:19.88			HZ	0.010	0.7	
	e PKPab		05:00:09.77		BZ					MORF	e P		08:06:16.98			HZ			
PVAQ	e PKPab		05:00:10.58		BZ						e S		08:07:06.52			HE			
	e LR		06:01:51.32		LZ						IAML		08:07:08.15			HZ	0.011	0.2	
	IAMs_20		06:13:34.99		LZ	1.077	22			PBEJ	e P		08:06:19.10			EZ			
PBDV	e PKPdf		04:59:20.00		BZ						e S		08:07:09.49			EN			
MORF	e PKPab		05:00:11.16		BZ						IAML		08:07:13.21			EZ	0.003	0.3	
PMOZ	e LR		06:06:32.59		LZ					MESJ	e P		08:06:18.39			HZ			
	IAMs_20		06:22:34.13		LZ	0.411	22				e S		08:07:08.89			HE			
											IAML		08:07:12.93			HZ	0.004	0.2	
01-Jan	Est	Fase	P	h:m:s	Dur	Co		Amp	Per	PTEO	e P		08:06:19.33			HZ			
	PVAQ	e P		05:49:54.36		HZ					e S		08:07:11.02			HN			
	e S			05:50:36.28		H1					IAML		08:07:14.93			HZ	0.004	0.3	
PBAR	e P			05:49:55.50		HZ				PLOUS	e P		08:06:22.72			HZ			
	e S			05:50:37.16		HE					e S		08:07:16.02			HE			
PARRA	e P			05:50:09.09		HZ					IAML		08:07:32.12			HZ	0.003	0.4	
	e S			05:51:01.10		HN				GRNL	e P		08:06:24.46			CZ			
PBDV	e S			05:50:38.52		HN					e S		08:07:18.75			CE			
PTEO	e S			05:50:55.46		HN					IAML		08:07:25.89			CZ	0.004	0.4	
										EVO	e P		08:06:25.61			HZ			
											e S		08:07:21.13			HZ			
											IAML		08:07:27.02			HZ	0.014	0.2	

PESTR	e P	08:06:27.37	HZ					PMAR	e P	14:01:15.65	BZ		
	e S	08:07:24.69	HE						e -	14:01:36.42	BZ		
	IAML	08:07:27.05	HZ	0.002	0.2				IAMB	14:01:45.98	BZ	0.168	1.7
MOE	e P	08:06:27.45	HZ						e T	15:40:34.07	HZ		
	e S	08:07:25.15	HE					PMOZ	e -	14:01:39.96	BZ		
	IAML	08:07:44.94	HZ	0.004	0.4				e S	14:11:45.86	LN		
PARRA	e P	08:06:28.70	HZ						e LR	14:29:17.58	LZ		
	e S	08:07:25.90	HN						IAMS_20	14:36:41.03	LZ	1.483	20
	IAML	08:07:32.13	HZ	0.003	0.3				e T	15:40:36.18	HZ		
PMTG	e P	08:06:32.84	HZ					PMPST	e P	14:01:16.61	BZ		
	e S	08:07:34.14	HN						e -	14:01:45.06	BZ		
	IAML	08:07:41.05	HZ	0.003	0.6				IAMB	14:01:48.45	BZ	0.428	1.4
PMRV	e P	08:06:33.57	HZ					PFVI	e P	14:01:38.28	BZ		
	e S	08:07:35.57	HN						e -	14:02:08.05	BZ		
	IAML	08:08:01.06	HZ	0.002	0.7				IAMB	14:02:09.87	BZ	0.160	1.3
PSARD	e P	08:06:38.88	HZ					MORF	e P	14:01:40.01	BZ		
	e S	08:07:45.76	HN						IAMB	14:02:10.55	BZ	0.118	1.4
	IAML	08:08:15.20	HZ	0.004	0.6			PBDV	e P	14:01:40.47	BZ		
PCAS	e P	08:06:46.99	HZ						IAMB	14:02:23.63	BZ	0.094	1.7
MTE	e P	08:06:46.95	HZ					PTEO	e P	14:01:41.63	BZ		
PVIS	e P	08:06:52.26	HZ						IAMB	14:01:42.68	BZ	0.102	1.4
MVO	e P	08:06:55.25	HZ						e -	14:02:03.71	BZ		
PVRL	e P	08:06:58.35	EZ					PVAQ	e P	14:01:40.68	BZ		
	e S	08:08:18.87	EN						e -	14:02:06.24	BZ		
	IAML	08:08:23.88	EZ	0.003	0.2				IAMB	14:02:12.73	BZ	0.118	1.7
POLO	e P	08:07:01.28	HZ						e S	14:12:10.66	L1		
PCAB	e P	08:07:05.20	EZ						e LQ	14:26:57.26	L1		
PGAV	e P	08:07:10.25	HZ						e LR	14:33:10.92	LZ		
									IAMS_20	14:38:00.92	LZ	2.478	22
01-Jan	Ho	08:09:47.7	Distante (NEIC)	mb 4.8				PCVE	e P	14:01:42.09	BZ		
	Lat	09.099°N	Lon 40.140°E	Prof 10					e -	14:02:10.74	BZ		
	Região: Ethiopia								IAMB	14:02:12.76	BZ	0.086	1.4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		MESJ	e P	14:01:42.67	BZ		
PVAQ	e LR	08:35:58.98		LZ					e -	14:02:09.35	BZ		
	IAMS_20	08:43:21.62		LZ	0.982	18			IAMB	14:02:13.46	BZ	0.085	1.5
PMRV	e LR	08:38:24.13		LZ				PLOUS	e P	14:01:43.45	BZ		
	IAMS_20	08:44:20.01		LZ	1.066	18			e -	14:02:07.09	BZ		
MVO	e LR	08:36:40.19		LZ					IAMB	14:02:14.13	BZ	0.090	1.6
	IAMS_20	08:44:45.28		LZ	0.951	16		GRNL	e P	14:01:43.23	BZ		
MTE	e LR	08:38:22.62		LZ				PBEJ	e P	14:01:44.04	SZ		
	IAMS_20	08:44:15.93		LZ	0.723	16			e -	14:02:10.99	SZ		
PGAV	e LR	08:37:08.29		LZ					IAMB	14:02:14.55	SZ	0.068	1.4
	IAMS_20	08:43:39.00		LZ	0.849	20		PBAR	e P	14:01:44.72	BZ		
PMOZ	e LR	08:40:20.79		LZ					e -	14:02:09.75	BZ		
	IAMS_20	08:46:25.25		LZ	0.920	16			IAMB	14:02:15.75	BZ	0.081	1.5
01-Jan	Ho	09:56:05.4	Distante (NEIC)	mb 4.6				MOE	e P	14:01:45.99	BZ		
	Lat	09.147°N	Lon 40.023°E	Prof 10					e -	14:02:11.48	BZ		
	Região: Ethiopia								IAMB	14:02:16.39	BZ	0.062	1.6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		EVO	e P	14:01:45.99	BZ		
PVAQ	e LR	10:22:13.41		LZ					e -	14:02:10.63	BZ		
	IAMS_20	10:29:41.29		LZ	1.101	18			IAMB	14:02:18.83	BZ	0.133	1.8
PMRV	e LR	10:22:51.74		LZ				PARRA	e P	14:01:46.84	BZ		
	IAMS_20	10:30:38.91		LZ	1.060	16			e -	14:02:12.30	BZ		
MVO	e LR	10:25:27.30		LZ					IAMB	14:02:18.67	BZ	0.090	1.5
	IAMS_20	10:31:04.81		LZ	1.114	16		PESTR	e P	14:01:47.96	BZ		
MTE	e S	10:12:58.38		LN					IAMB	14:02:19.46	BZ	0.081	1.6
	e LR	10:22:21.89		LZ				PMTG	e P	14:01:48.19	BZ		
	IAMS_20	10:30:34.32		LZ	0.878	18			e -	14:02:12.53	BZ		
PGAV	e LR	10:22:45.49		LZ					IAMB	14:02:18.92	BZ	0.080	1.6
	IAMS_20	10:31:48.84		LZ	1.008	14		PMRV	e P	14:01:50.22	BZ		
PMOZ	e S	10:14:06.02		LE					IAMB	14:02:21.77	BZ	0.056	1.9
	e LR	10:24:20.03		LZ					e S	14:12:17.80	LN		
	IAMS_20	10:32:43.65		LZ	1.032	16			e LR	14:33:53.34	LZ		
01-Jan									IAMS_20	14:39:45.76	LZ	2.190	22
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		PSARD	e P	14:01:52.15	BZ		
PGAV	e Pg	13:09:08.89		HZ				MTE	e S	14:12:25.48	LN		
	e Sg	13:09:12.22		HN					e LQ	14:27:19.98	LE		
01-Jan	Ho	13:48:24.0	Distante (NEIC)	Mw 6.1					e LR	14:33:57.76	LZ		
	Lat	56.410°S	Lon 26.710°W	Prof 70					IAMS_20	14:39:25.78	LZ	2.620	22
	Região: South Sandwich Islands Region							MVO	e LR	14:34:33.78	LZ		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			IAMS_20	14:40:25.10	LZ	1.656	22
FUL	e T	15:40:30.43		EZ				PGAV	e S	14:12:33.64	LN		
									e LQ	14:29:49.49	LE		
									e LR	14:33:30.96	LZ		
									IAMS_20	14:42:10.90	LZ	2.172	20

01-Jan	Ho	14:24:23.7			ML 0.9
	Lat	36.521°N	Lon	07.553°W	Prof 17
	Região:	Golfo de Cádiz			Rms 0.5
	AxMax	18.7	AxMin	4.3	Ang 77
					ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	14:24:38.27		HZ	
	e S	14:24:48.06		HN	
PVAQ	e P	14:24:40.14		HZ	
	e S	14:24:51.33		H2	
	IAML	14:24:52.56		HZ	0.002 0.4
PCVE	e P	14:24:44.22		HZ	
	e S	14:24:58.56		HN	
MESJ	e S	14:25:03.21		HN	
PLOUS	e P	14:24:50.53		HZ	
PBAR	e S	14:25:14.03		HE	
GRNL	e P	14:24:51.80		CZ	
	e S	14:25:14.99		CN	
MOE	e S	14:25:20.94		HE	
PARRA	e P	14:24:59.84		HZ	
	e S	14:25:26.71		HE	
PMTG	e S	14:25:33.36		HE	
PSARD	e P	14:25:10.97		HZ	

01-Jan	Ho	15:20:41.0			ML 1.3
	Lat	42.220°N	Lon	08.400°W	Prof 16
	Região:	NW Melgaço			Rms 0.4
	AxMax	5.7	AxMin	2.4	Ang 77
					ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PGAV	i Pg	d 15:20:46.77		HZ	
	e Sg	15:20:51.22		HN	
	IAML	15:20:51.85		HZ	0.021 0.1
PCAB	i Pg	d 15:20:51.61		EZ	
	e Sg	15:20:59.47		EE	
	IAML	15:21:00.17		EZ	0.014 0.3
POLO	e P	15:20:58.90		HZ	
	e S	15:21:11.83		HE	
	IAML	15:21:12.38		HZ	0.003 0.1
PVRL	e S	15:21:14.15		EE	
PBRG	e P	15:21:02.75		HZ	
	e S	15:21:20.22		HN	
	IAML	15:21:21.50		HZ	0.003 0.1
MVO	e Sg	15:21:26.24		HE	
	IAML	15:21:32.73		HZ	0.002 0.5

01-Jan	Ho	15:26:08.9	Distante (NEIC)	mb 4.9
	Lat	09.187°N	Lon	40.136°E
	Região:	Ethiopia		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PVAQ	e LR	15:55:05.32		LZ
	IAMs_20	15:59:51.79		LZ
				0.771 16
PCVE	e P	15:35:17.50		BZ
	IAMB	15:35:20.40		BZ
				0.024 1.6
PESTR	e P	15:35:17.44		BZ
	IAMB	15:35:19.08		BZ
				0.028 1.3
PMRV	e LR	15:53:32.72		LZ
	IAMs_20	16:00:42.89		LZ
				0.812 16
EVO	e P	15:35:18.95		BZ
	IAMB	15:35:24.25		BZ
				0.070 1.6
PARRA	e P	15:35:19.70		BZ
	IAMB	15:35:21.46		BZ
				0.025 1.4
PLOUS	e P	15:35:19.23		BZ
	IAMB	15:35:24.97		BZ
				0.029 1.7
MOE	e P	15:35:22.78		BZ
	IAMB	15:35:24.34		BZ
				0.020 1.5
GRNL	e P	15:35:20.53		BZ
MVO	e LR	15:52:43.25		LZ
	IAMs_20	16:01:06.46		LZ
				0.910 16
PMTG	e P	15:35:21.37		BZ
	IAMB	15:35:24.99		BZ
				0.026 1.6
MTE	e LR	15:53:12.72		LZ
	IAMs_20	16:00:37.59		LZ
				0.664 18
PVIS	e P	15:35:24.18		BZ
PCAS	e P	15:35:25.50		BZ
	IAMB	15:35:28.37		BZ
				0.043 1.5
POLO	e P	15:35:26.24		BZ
	IAMB	15:35:28.24		BZ
				0.038 1.6

PGAV	e LR	15:52:45.48		LZ
	IAMs_20	16:01:51.21		LZ
				0.834 16
PMOZ	e LR	15:57:42.37		LZ
	IAMs_20	16:02:47.43		LZ
				0.872 16

01-Jan	Ho	18:50:19.8			ML 1.2
	Lat	36.728°N	Lon	07.321°W	Prof 17
	Região:	Golfo de Cádiz			Rms 0.4
	AxMax	6.9	AxMin	4.3	Ang 151
					ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	18:50:32.63		HZ	
	e S	18:50:42.40		HE	
	IAML	18:50:42.86		HZ	0.005 0.4
PVAQ	e P	18:50:33.06		HZ	
	e S	18:50:43.14		H1	
	IAML	18:50:45.52		HZ	0.004 0.2
PCVE	e P	18:50:38.91		HZ	
	e S	18:50:51.22		HN	
	IAML	18:50:55.63		HZ	0.002 0.5
MORF	e P	18:50:39.33		HZ	
	e S	18:50:56.21		HN	
	IAML	18:50:59.05		HZ	0.004 0.3
PFVI	e S	18:50:58.04		HE	
MESJ	e Sn	18:50:58.25		HN	
	IAML	18:51:03.41		HZ	0.002 0.4
PTEO	e Sg	18:51:02.60		HN	
PBAR	e Pg	18:50:45.99		HZ	
	e Sg	18:51:05.13		HE	
	IAML	18:51:08.57		HZ	0.001 0.3
PLOUS	e Pg	18:50:48.35		HZ	
	e Sg	18:51:08.86		HN	
	IAML	18:51:12.31		HZ	0.001 0.1
GRNL	e Pg	18:50:50.50		CZ	
	e Sg	18:51:12.24		CE	
	IAML	18:51:18.55		CZ	0.002 0.6
MOE	e Sg	18:51:21.85		HN	
PESTR	e Sg	18:51:25.83		HN	
PARRA	e Sn	18:51:19.01		HN	
	e Sg	18:51:28.25		HE	
PSARD	e Sn	18:51:37.11		HE	

01-Jan	Ho	20:57:28.1			ML 1.1
	Lat	36.497°N	Lon	07.741°W	Prof 19
	Região:	Golfo de Cádiz			Rms 0.4
	AxMax	3.0	AxMin	2.7	Ang 49
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	20:57:42.43		HZ	
	e S	20:57:51.74		HE	
PVAQ	e P	20:57:44.51		HZ	
	e S	20:57:55.81		H2	
	IAML	20:57:57.06		HZ	0.004 0.3
PFVI	e P	20:57:46.62		HZ	
	e S	20:58:00.08		HN	
MORF	e P	20:57:47.04		HZ	
	e S	20:58:00.80		HE	
	IAML	20:58:10.10		HZ	0.002 0.1
PCVE	e P	20:57:48.27		HZ	
	e S	20:58:02.77		HN	
	IAML	20:58:03.66		HZ	0.002 0.4
PTEO	e P	20:57:50.15		HZ	
	e S	20:58:06.55		HE	
MESJ	e P	20:57:51.70		HZ	
	e S	20:58:08.62		HE	
PBEJ	e S	20:58:11.85		EE	
PLOUS	e P	20:57:54.44		HZ	
GRNL	e P	20:57:56.04		CZ	
	e S	20:58:16.42		CE	
PBAR	e P	20:57:56.30		HZ	
	e S	20:58:17.42		HN	
MOE	e P	20:58:01.11		HZ	
	e S	20:58:25.24		HE	
PARRA	e P	20:58:04.12		HZ	
	e S	20:58:30.63		HN	
PESTR	e P	20:58:04.71		HZ	
PMTG	e P	20:58:07.97		HZ	
	e S	20:58:38.40		HE	
PMRV	e P	20:58:12.44		HZ	
	e S	20:58:45.87		HN	

01-Jan	Ho	21:00:38.7			ML-0.3
	Lat	38.906°N	Lon	08.423°W	Prof 4*
	Região:	SE Coruche			Rms 0.3
	AxMax	2.6	AxMin	1.8	Ang 97
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMTG	e Pg	21:00:42.38		HZ	
	e Sg	21:00:45.69		HE	
	IAML	21:00:46.27		HZ	0.001 0.1
PARRA	e Pg	21:00:44.16		HZ	
	e Sg	21:00:49.05		HE	
MOE	e Pg	21:00:45.55		HZ	
	e Sg	21:00:51.04		HE	
PMAFR	e S	21:01:00.17		HN	
PSARD	e S	21:01:02.44		HN	

01-Jan	Ho	21:27:41.5	Distante (NEIC)	mb 5.2	
	Lat	42.434°S	Lon	16.057°W	Prof 10
	Região:	Southern Mid-Atlantic Ridge			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
MORF	e P	21:39:51.12		BZ	
	IAMB	21:39:58.34		BZ	0.055 1.5
PVAQ	e P	21:39:52.13		BZ	
	IAMB	21:39:56.05		BZ	0.038 1.6
PCVE	e P	21:39:53.61		BZ	
MESJ	e P	21:39:54.62		BZ	
	IAMB	21:40:15.68		BZ	0.025 1.7
PLOUS	e P	21:39:55.46		BZ	
	IAMB	21:40:08.21		BZ	0.026 1.7
PBAR	e P	21:39:56.32		BZ	
	IAMB	21:40:07.50		BZ	0.028 1.5
PARRA	e P	21:40:00.13		BZ	
	IAMB	21:40:08.74		BZ	0.026 1.3
PESTR	e P	21:40:00.12		BZ	
	IAMB	21:40:06.72		BZ	0.029 1.5
PMTG	e P	21:40:01.03		BZ	
	IAMB	21:40:07.44		BZ	0.038 1.4
PSARD	e P	21:40:03.33		BZ	
PCAS	e P	21:40:07.26		BZ	

01-Jan	Ho	21:45:16.0			ML 1.5
	Lat	36.510°N	Lon	11.214°W	Prof 36*
	Região:	Gorringe			Rms 0.4
	AxMax	6.4	AxMin	3.7	Ang 100
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	21:45:46.02		HZ	
	e S	21:46:08.55		HN	
MORF	e P	21:45:48.75		HZ	
	e S	21:46:13.67		HE	
	IAML	21:46:15.02		HZ	0.003 1.1
PTEO	e P	21:45:49.82		HZ	
GRNL	e P	21:45:54.82		CZ	
	e S	21:46:24.49		CN	
	IAML	21:46:27.62		CZ	0.002 0.4
PLOUS	e P	21:45:55.22		HZ	
	e S	21:46:24.71		HE	
	IAML	21:46:26.21		HZ	0.001 0.7
PBDV	e P	21:45:56.32		HZ	
	e S	21:46:26.55		HE	
MESJ	e P	21:45:55.98		HZ	
	e S	21:46:26.21		HE	
PCVE	e P	21:45:56.80		HZ	
	e S	21:46:27.68		HN	
PMAFR	e S	21:46:30.02		HE	
PVAQ	e P	21:45:59.00		HZ	
	e S	21:46:31.25		H1	
MOE	e P	21:45:59.97		HZ	
	e S	21:46:33.44		HN	
PARRA	e P	21:46:04.64		HZ	
	e S	21:46:42.52		HN	
	IAML	21:46:43.48		HZ	0.001 0.5
PMTG	e P	21:46:05.73		HZ	
	e S	21:46:44.46		HN	
	IAML	21:46:49.83		HZ	0.001 0.7
PBAR	e P	21:46:10.21		HZ	
	e S	21:46:49.35		HE	

PESTR	e P	21:46:09.92		HZ	
	e S	21:46:50.20		HE	
PSARD	e P	21:46:12.26		HZ	
	e S	21:46:54.46		HN	
	IAML	21:46:56.90		HZ	0.001 0.2
PMRV	e P	21:46:15.32		HZ	
	e S	21:47:01.02		HN	

01-Jan	Ho	22:39:23.2			ML 1.8
	Lat	43.895°N	Lon	05.689°W	Prof 16
	Região:	N Gijon (ESP)			Rms 0.5
	AxMax	4.9	AxMin	2.6	Ang 167
					ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e Sn	22:40:20.33		HE	
	e Sg	22:40:28.20		HE	
	IAML	22:40:30.49		HZ	0.003 0.2
PGAV	e Pn	22:40:05.46		HZ	
	e Sg	22:40:46.55		HE	
MVO	e Pn	22:40:05.72		HZ	
	e Sn	22:40:37.83		HE	
	e Sg	22:40:50.26		HE	
	IAML	22:40:56.86		HZ	0.003 0.7
POLO	e Sn	22:40:40.53		HE	
	e Sg	22:40:54.20		HN	

01-Jan	Ho	22:45:41.7			ML 0.6
	Lat	38.227°N	Lon	08.015°W	Prof 2*
	Região:	SW Alvaro			Rms 0.4
	AxMax	2.5	AxMin	1.3	Ang 91
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBEJ	e Pg	22:45:45.74		EZ	
	e Sg	22:45:49.14		EE	
	IAML	22:45:49.24		EZ	0.005 0.1
EVO	e Pg	22:45:47.78		HZ	
	e Sg	22:45:51.45		HN	
	IAML	22:45:51.85		HZ	0.015 0.2
PLOUS	e Pg	22:45:48.74		HZ	
	e Sg	22:45:53.74		HN	
	IAML	22:45:54.01		HZ	0.002 0.4
MOE	e Pg	22:45:48.86		HZ	
	e Sg	22:45:54.56		HE	
MESJ	e Pg	22:45:49.42		HZ	
	e Sg	22:45:54.87		HN	
	IAML	22:45:55.23		HZ	0.001 0.3
GRNL	e Pg	22:45:50.19		CZ	
	e Sg	22:45:55.87		CN	
	IAML	22:45:56.45		CZ	0.004 0.4
PARRA	e Pg	22:45:52.62		HZ	
	e Sg	22:46:00.25		HN	
	IAML	22:46:00.86		HZ	0.001 0.2
PCVE	e Pg	22:45:52.79		HZ	
	e Sg	22:45:59.89		HE	
PESTR	e P	22:45:55.14		HZ	
	e S	22:46:04.35		HE	
PBAR	e P	22:45:56.51		HZ	
	e S	22:46:06.73		HE	
	IAML	22:46:09.40		HZ	0.001 0.5
PVAQ	e P	22:45:58.71		HZ	
	e S	22:46:08.06		H2	
	IAML	22:46:12.36		HZ	0.001 0.2
PMTG	e P	22:45:57.23		HZ	
	e S	22:46:09.04		HN	
	IAML	22:46:12.07		HZ	0.001 0.2
PBDV	e S	22:46:13.24		HN	
MORF	e P	22:46:01.71		HZ	
	e S	22:46:15.92		HE	
PFVI	e Sg	22:46:22.19		HN	
PMRV	e Pn	22:46:05.75		HZ	
	e Sg	22:46:22.31		HE	
PSARD	e Sg	22:46:25.25		HN	
	IAML	22:46:25.43		HZ	0.002 0.6

01-Jan	Ho	23:04:29.3				ML 1.2
	Lat	36.394°N	Lon	08.185°W	Prof	33*
	Região:	SW Faro			Rms	0.4
	AxMax	3.8	AxMin	3.3	Ang	52
					ErrZ	0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	23:04:44.42		HZ		
	e S	23:04:54.94		HE		
PFVI	e P	23:04:44.15		HZ		
	e S	23:04:55.51		HN		
MORF	e P	23:04:45.54		HZ		
	e S	23:04:58.55		HE		
	IAML	23:05:07.72		HZ	0.003	0.9
PVAQ	e P	23:04:46.65		HZ		
	e S	23:04:59.35		H2		
	IAML	23:04:59.93		HZ	0.003	0.3
PTEO	e S	23:05:04.24		HN		
PCVE	e P	23:04:49.24		HZ		
	e S	23:05:03.87		HN		
	IAML	23:05:04.56		HZ	0.002	0.2
MESJ	e P	23:04:52.07		HZ		
	e S	23:05:08.89		HE		
	IAML	23:05:09.37		HZ	0.002	0.2
PLOUS	e P	23:04:54.45		HZ		
	e S	23:05:13.47		HN		
GRNL	e P	23:04:55.94		CZ		
	e S	23:05:15.36		CE		
PBAR	e P	23:04:59.45		HZ		
	e S	23:05:21.67		HN		
MOE	e P	23:05:01.46		HZ		
	e S	23:05:25.48		HE		
PARRA	e P	23:05:05.08		HZ		
	e S	23:05:32.03		HE		
	IAML	23:05:33.99		HZ	0.001	1.1
PESTR	e S	23:05:34.69		HN		
PMTG	e P	23:05:08.81		HZ		
	e S	23:05:38.60		HE		
	IAML	23:05:39.63		HZ	0.001	0.1
PMAFR	e P	23:05:09.75		HZ		
PMRV	e P	23:05:14.37		HZ		
	e S	23:05:48.80		HE		
PSARD	e P	23:05:16.68		HZ		
	e S	23:05:50.89		HN		

01-Jan	Ho	23:39:46.3				ML 2.3
	Lat	31.110°N	Lon	06.824°W	Prof	18
	Região:	Morocco			Rms	0.4
	AxMax	9.0	AxMin	4.8	Ang	150
					ErrZ	7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	23:41:16.85		HZ		
	e S	23:42:23.49		HE		
PVAQ	e P	23:41:17.95		HZ		
	e S	23:42:24.05		H2		
	IAML	23:42:31.07		HZ	0.002	0.9
MORF	e P	23:41:18.33		HZ		
	e S	23:42:27.44		HE		
PCVE	e P	23:41:21.67		HZ		
	e S	23:42:32.05		HN		
PTEO	e P	23:41:22.66		HZ		
	e S	23:42:34.15		HN		
MESJ	e P	23:41:25.21		HZ		
	e S	23:42:37.33		HE		
PLOUS	e P	23:41:27.52		HZ		
	e S	23:42:42.59		HE		
PBAR	e P	23:41:27.75		HZ		
	e S	23:42:42.92		HN		
	IAML	23:42:46.36		HZ	0.001	0.4
GRNL	e S	23:42:43.83		CE		
MOE	e S	23:42:55.00		HN		
PARRA	e P	23:41:37.95		HZ		
	e S	23:42:59.08		HE		
PMTG	e P	23:41:41.91		HZ		
	e S	23:43:05.41		HE		
PMRV	e P	23:41:45.32		HZ		
	e S	23:43:13.37		HN		

02-Jan	Ho	01:23:46.0				ML 1.1
	Lat	42.631°N	Lon	08.251°W	Prof	4
	Região:	SE Santiago Compostela (E			Rms	0.3
	AxMax	2.8	AxMin	1.7	Ang	90
					ErrZ	5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PGAV	e Pg	01:23:58.46		HZ		
	e Sg	01:24:07.12		HN		
	IAML	01:24:08.51		HZ	0.005	0.7
PCAB	e P	01:24:03.38		EZ		
	e S	01:24:15.66		EN		
POLO	e P	01:24:08.23		HZ		
	e S	01:24:27.92		HE		
PBRG	e S	01:24:27.12		HN		
MVO	e P	01:24:15.21		HZ		
	e S	01:24:40.45		HN		
PVIS	e S	01:24:46.93		HE		

02-Jan	Ho	01:28:07.8				ML 1.2
	Lat	36.410°N	Lon	08.872°W	Prof	2*
	Região:	SE Cabo S.Vicente			Rms	0.4
	AxMax	7.3	AxMin	5.3	Ang	51
					ErrZ	0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e Pg	01:28:21.30		HZ		
	e Sg	01:28:30.55		HN		
	IAML	01:28:32.10		HZ	0.009	0.8
MORF	e P	01:28:24.18		HZ		
	e S	01:28:37.24		HN		
	IAML	01:28:37.95		HZ	0.005	0.5
PBDV	e S	01:28:43.71		HE		
PTEO	e S	01:28:44.09		HN		
PVAQ	e P	01:28:31.30		HZ		
	e S	01:28:50.01		H2		
	IAML	01:28:51.40		HZ	0.004	0.7
PCVE	e S	01:28:49.80		HE		
PLOUS	e Sn	01:28:56.85		HE		
	e Sg	01:28:59.37		HE		
GRNL	e Sn	01:28:58.50		CN		
	e Sg	01:29:00.97		CE		
PBAR	e Sn	01:29:12.57		HN		
	e Sg	01:29:20.33		HN		
PARRA	e Sn	01:29:15.86		HE		
	e Sg	01:29:25.53		HN		
PMTG	e Sn	01:29:21.94		HN		
	e Sg	01:29:31.95		HN		

02-Jan	Ho	02:34:04.6	Distante (NEIC)	Mw	4.7
	Lat	38.846°N	Lon	122.756°W	Prof
	Região:	Northern California			1
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>
POLO	e P	02:46:22.12		BZ	
PVRL	e P	02:46:22.38		SZ	
MTE	e P	02:46:25.54		BZ	
PSARD	e P	02:46:26.58		BZ	
PMRV	e P	02:46:29.59		BZ	
	IAMB	02:46:33.74		BZ	0.019
PARRA	e P	02:46:29.68		BZ	
	IAMB	02:46:39.34		BZ	0.020
GRNL	e P	02:46:26.81		BZ	
EVO	e P	02:46:32.03		BZ	
PESTR	e P	02:46:31.54		BZ	
	IAMB	02:46:31.97		BZ	0.016
PLOUS	e P	02:46:31.73		BZ	

02-Jan	Ho	03:14:37.9				ML 1.3
	Lat	36.624°N	Lon	09.699°W	Prof	20
	Região:	SW Cabo S.Vicente			Rms	0.4
	AxMax	8.9	AxMin	6.6	Ang	73
					ErrZ	5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	03:14:53.21		HZ		
	e S	03:15:05.25		HN		
	IAML	03:15:06.18		HZ	0.006	0.5
MORF	e P	03:14:57.27		HZ		
	e S	03:15:10.66		HE		
	IAML	03:15:16.01		HZ	0.003	0.8
PTEO	e S	03:15:13.75		HE		
	IAML	03:15:20.29		HZ	0.004	0.7

PBDV	e P	03:15:02.71	HZ				
	e S	03:15:21.67	HN				
	IAML	03:15:25.54	HZ	0.003	0.8		
PCVE	e P	03:15:04.46	HZ				
	S	03:15:25.82	HN				
GRNL	e P	03:15:05.87	CZ				
	S	03:15:25.85	CN				
	IAML	03:15:27.36	CZ	0.002	0.3		
PLOUS	S	03:15:25.78	HN				
	IAML	03:15:35.55	HZ	0.001	0.8		
PVAQ	e P	03:15:05.70	HZ				
	S	03:15:26.90	H1				
	IAML	03:15:27.91	HZ	0.002	0.8		
MOE	e P	03:15:10.14	HZ				
	S	03:15:37.16	HE				
PMAFR	S	03:15:40.07	HN				
PARRA	e P	03:15:16.46	HZ				
	S	03:15:44.84	HN				
	IAML	03:15:48.09	HZ	0.001	0.8		
PBAR	e S	03:15:47.98	HN				
PMTG	e S	03:15:49.43	HE				
PESTR	e S	03:15:51.63	HN				
PMRV	e P	03:15:27.45	HZ				
	e S	03:16:04.12	HE				

02-Jan	Ho	04:14:09.0				ML 1.0	
	Lat	40.939°N	Lon	08.414°W		Prof 3*	
	Região:	NE S.João da Madeira				Rms 0.3	
	AxMax	10.9	AxMin	4.6	Ang	58	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
POLO	e P	04:14:21.94		HZ			
	e S	04:14:31.03		HE			
	IAML	04:14:33.48		HZ	0.004	0.7	
PCAB	e P	04:14:23.43		EZ			
	e S	04:14:35.44		EN			
PGAV	e P	04:14:28.06		HZ			
	e S	04:14:42.08		HN			
	IAML	04:14:47.85		HZ	0.002	0.7	
MVO	e P	04:14:28.84		HZ			
	e S	04:14:42.92		HE			
	IAML	04:14:44.11		HZ	0.002	0.6	

02-Jan	Ho	04:19:14.3				ML 1.1	
	Lat	40.936°N	Lon	08.422°W		Prof 7*	
	Região:	NE S.João da Madeira				Rms 0.4	
	AxMax	5.0	AxMin	2.1	Ang	87	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PVIS	e Sg	04:19:29.39		HE			
PVRL	e Pg	04:19:26.18		EZ			
	e Sg	04:19:34.51		EN			
POLO	e S	04:19:37.29		HN			
PCAB	e S	04:19:40.29		EE			
MTE	e S	04:19:41.14		HN			
PCAS	e S	04:19:42.62		HE			
PGAV	e P	04:19:32.59		HZ			
	e S	04:19:47.68		HN			
MVO	e P	04:19:34.06		HZ			
	e S	04:19:48.31		HE			
	IAML	04:19:48.95		HZ	0.006	0.6	

02-Jan							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PARRA	e Pg	d 04:24:24.79		HZ			
	e Sg	04:24:27.59		HE			
PESTR	e Sg	04:24:31.03		HN			
MOE	e Sg	04:24:34.51		HE			
PMTG	e Sg	04:24:35.10		HE			

02-Jan							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PARRA	e Pg	04:24:25.89		HZ			
	e Sg	04:24:28.67		HE			
PESTR	e Sg	04:24:32.19		HE			
MOE	e Sg	04:24:35.29		HN			
PMTG	e Sg	04:24:36.88		HE			

02-Jan							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PGAV	e Pg	04:39:18.07		HZ			
	e Sg	04:39:26.75		HE			
	IAML	04:39:27.13		HZ	0.012	0.6	
PCAB	e S	04:39:34.34		EN			
POLO	e S	04:39:47.54		HE			
MVO	e S	04:40:01.39		HE			

02-Jan							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PCAB	e Pn	04:41:29.72		EZ			
	e Sg	04:42:08.34		EE			
PBRG	e Sn	04:41:45.12		HN			
	e Sg	04:41:52.72		HE			
	IAML	04:41:55.62		HZ	0.002	0.4	
PGAV	e Sn	04:41:55.53		HN			
	e Sg	04:42:04.57		HN			
POLO	e Sg	04:42:16.13		HN			
MVO	e Sg	04:42:16.55		HE			

02-Jan	Ho	07:41:30.3	Distante (NEIC)	Mw 5.1			
	Lat	09.282°N	Lon	40.138°E	Prof 10		
	Região:	Ethiopia					
<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 LR	08:07:03.88		LZ			
	IAMs_20	08:15:02.50		LZ	1.566	18	
PMRV	e LR	08:07:19.56		LZ			
	IAMs_20	08:16:08.97		LZ	1.801	18	
MVO	e LR	08:07:36.81		LZ			
	IAMs_20	08:16:34.03		LZ	1.494	16	
MTE	e LR	08:07:46.22		LZ			
	IAMs_20	08:15:57.41		LZ	1.031	18	
PGAV	e LR	08:08:12.88		LZ			
	IAMs_20	08:17:18.55		LZ	1.153	16	
PMOZ	e LR	08:09:50.10		LZ			
	IAMs_20	08:18:07.82		LZ	1.517	16	

02-Jan	Ho	10:38:22.6				ML 2.7	
	Lat	32.249°N	Lon	06.290°W		Prof 11	
	Região:	Morocco				Rms 0.4	
	AxMax	7.1	AxMin	4.3	Ang	15	ErrZ 12
<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	10:39:38.76		HZ			
	e S	10:40:36.14		HN			
PVAQ	e P	10:39:40.48		HZ			
	e S	10:40:38.97		H1			
	IAML	10:40:44.24		HZ	0.005	0.3	
PFVI	e P	10:39:41.13		HZ			
	e S	10:40:40.03		HE			
	IAML	10:40:49.72		HZ	0.010	0.5	
PCVE	e P	10:39:44.67		HZ			
	e S	10:40:46.00		HE			
	IAML	10:40:53.85		HZ	0.008	0.8	
PTEO	e P	10:39:46.26		HZ			
MESJ	e P	10:39:47.96		HZ			
	e S	10:40:52.73		HE			
	IAML	10:40:59.03		HZ	0.005	0.3	
PBAR	e P	10:39:49.44		HZ			
	e S	10:40:54.72		HE			
	IAML	10:40:57.89		HZ	0.004	0.5	
PLOUS	e P	10:39:50.93		HZ			
	e S	10:40:57.13		HE			
	IAML	10:41:02.95		HZ	0.005	0.4	
GRNL	e P	10:39:52.39		CZ			
	e S	10:40:59.33		CE			
	IAML	10:41:02.06		CZ	0.005	0.7	
MOE	e P	10:39:57.54		HZ			
	e S	10:41:08.56		HN			
	IAML	10:41:27.93		HZ	0.005	0.6	
PESTR	e P	10:40:00.21		HZ			
	e S	10:41:13.33		HE			
PARRA	e P	10:40:00.32		HZ			
	e S	10:41:13.67		HE			
	IAML	10:41:19.83		HZ	0.003	0.5	

PMTG	e P	10:40:04.21	HZ
	e S	10:41:20.70	HE
PMRV	e P	10:40:07.03	HZ
	e S	10:41:26.25	HE

02-Jan	Ho	11:11:38.9	ML 2.2
	Lat	32.329°N	Lon 06.216°W
	Região:	NE Marrakech (MARR)	Prof 4*
	AxMax	4.9 AxMin 2.9	Ang 94 ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	11:12:54.62	HZ
	e S	11:13:52.52	HE
PVAQ	e P	11:12:56.70	HZ
	e S	11:13:55.04	H1
PBAR	e P	11:13:06.87	HZ
	e S	11:14:11.90	HN
PLOUS	e P	11:13:07.04	HZ
GRNL	e P	11:13:08.86	CZ
	e S	11:14:15.40	CN
MOE	e S	11:14:25.13	HN
PARRA	e P	11:13:16.50	HZ
	e S	11:14:30.61	HN

02-Jan	Ho	11:26:40.8	ML 2.4
	Lat	32.292°N	Lon 06.184°W
	Região:	Morocco	Prof 18
	AxMax	4.2 AxMin 3.3	Ang 105 ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e S	11:28:52.79	HE
PVAQ	e P	11:27:57.44	HZ
	e S	11:28:55.44	H1
	IAML	11:28:59.72	HZ 0.003 0.8
PFVI	e S	11:28:56.74	HE
PCVE	e P	11:28:01.53	HZ
	e S	11:29:02.83	HN
PTEO	e P	11:28:03.38	HZ
	e S	11:29:06.68	HN
MESJ	e P	11:28:04.84	HZ
PBAR	e P	11:28:06.71	HZ
	e S	11:29:11.65	HE
	IAML	11:29:17.93	HZ 0.001 0.5
PLOUS	e P	11:28:07.75	HZ
	e S	11:29:14.92	HN
GRNL	e P	11:28:09.26	CZ
	e S	11:29:16.39	CE
	IAML	11:29:22.30	CZ 0.003 0.5
MOE	e P	11:28:14.38	HZ
	e S	11:29:25.12	HN
PARRA	e P	11:28:17.02	HZ
	e S	11:29:30.95	HN
PMRV	e P	11:28:23.89	HZ

02-Jan	Ho	11:34:33.9	ML 1.1
	Lat	36.626°N	Lon 07.565°W
	Região:	Golfo de Cádiz	Prof 21
	AxMax	15.6 AxMin 10.0	Ang 113 ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	11:34:46.29	HZ
	e S	11:34:56.41	HN
PVAQ	e P	11:34:47.78	HZ
	e S	11:34:58.91	H2
	IAML	11:34:59.44	HZ 0.002 0.4
PCVE	e S	11:35:06.48	HE
MORF	e P	11:34:53.58	HZ
	e S	11:35:06.17	HE

02-Jan	Ho	11:40:35.2	ML 1.0
	Lat	36.597°N	Lon 07.519°W
	Região:	Golfo de Cádiz	Prof 20
	AxMax	6.0 AxMin 4.6	Ang 72 ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	11:40:48.54	HZ
	e S	11:40:58.78	HN
PVAQ	e P	11:40:50.10	HZ
	e S	11:41:01.09	H2
	IAML	11:41:02.48	HZ 0.002 0.2

PCVE	e P	11:40:54.07	HZ
	e S	11:41:08.35	HN
PTEO	e S	11:41:14.32	HN

02-Jan	Ho	11:52:06.2	ML 2.6
	Lat	32.320°N	Lon 06.245°W
	Região:	NE Marrakech (MARR)	Prof 6*
	AxMax	4.6 AxMin 2.8	Ang 96 ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	11:53:23.69	HZ
	e S	11:54:19.65	HE
	IAML	11:54:23.53	HZ 0.004 0.9
PVAQ	e P	11:53:23.61	HZ
	e S	11:54:21.16	H2
	IAML	11:54:32.33	HZ 0.005 0.9
PFVI	e P	11:53:24.52	HZ
	e S	11:54:24.70	HE
PCVE	e P	11:53:27.90	HZ
	e S	11:54:29.48	HN
	IAML	11:54:36.24	HZ 0.005 0.6
PTEO	e P	11:53:29.51	HZ
	e S	11:54:31.08	HN
MESJ	e P	11:53:30.78	HZ
	e S	11:54:35.26	HE
	IAML	11:54:39.13	HZ 0.004 0.3
PBEJ	e S	11:54:36.20	EE
PBAR	e P	11:53:32.89	HZ
	e S	11:54:34.50	HE
	IAML	11:54:44.28	HZ 0.003 0.2
PLOUS	e P	11:53:34.08	HZ
	e S	11:54:39.26	HN
	IAML	11:54:45.92	HZ 0.003 0.4
GRNL	e P	11:53:35.85	CZ
	e S	11:54:41.53	CN
	IAML	11:54:53.87	CZ 0.003 0.4
MOE	e P	11:53:40.31	HZ
	e S	11:54:51.64	HE
	IAML	11:54:55.95	HZ 0.004 0.4
PARRA	e P	11:53:43.50	HZ
	e S	11:54:56.56	HN
	IAML	11:54:59.90	HZ 0.002 0.3
PMTG	e S	11:55:04.64	HE
PMRV	e P	11:53:50.74	HZ
	e S	11:55:09.19	HE

02-Jan	Ho	12:15:28.5	ML 0.8
	Lat	38.450°N	Lon 08.703°W
	Região:	SE Setúbal	Prof 17
	AxMax	7.2 AxMin 1.8	Ang 103 ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
MOE	e Pg	c 12:15:34.61	HZ
	e Sg	12:15:38.93	HN
	IAML	12:15:39.69	HZ 0.005 0.3
GRNL	e Pg	12:15:35.66	CZ
	e Sg	12:15:40.47	CE
	IAML	12:15:41.92	CZ 0.003 0.2
PLOUS	e Pg	12:15:37.29	HZ
PARRA	e Pg	12:15:40.26	HZ
	e Sg	12:15:48.62	HN
	IAML	12:15:50.96	HZ 0.002 0.3
PMTG	e P	12:15:41.78	HZ
	e S	12:15:51.29	HN
	IAML	12:15:51.87	HZ 0.003 0.4
PESTR	e S	12:15:58.90	HN
PMRV	e P	12:15:53.91	HZ
	e S	12:16:12.47	HE

02-Jan	Ho	13:32:40.0	ML 0.7
	Lat	37.247°N	Lon 08.919°W
	Região:	SW Aljezur	Prof 28
	AxMax	14.5 AxMin 8.1	Ang 104 ErrZ 7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PFVI	e Pg	13:32:44.84	HZ
	e Sg	13:32:48.67	HE
MORF	e Pg	13:32:45.85	HZ
PBDV	e S	13:33:08.98	HE

PCVE e S 13:33:06.78 HN
PLOUS e S 13:33:06.76 HN
GRNL e S 13:33:06.94 CE
PVAQ e S 13:33:13.12 H2

GRNL e S 18:02:21.95 CE
MOE e S 18:02:28.61 HE
PARRA e P 18:02:05.95 HZ
e S 18:02:32.69 HN

02-Jan Ho 15:54:32.6 ML 0.2
Lat 38.714°N Lon 07.929°W Prof 14
Região: E Arraiolos Rms 0.1
AxMax 7.2 AxMin 1.8 Ang 102 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	15:54:35.69		HZ		
	e Sg	15:54:38.50		HE		
	IAML	15:54:38.82		HZ	0.002	0.3
MOE	e Pg	15:54:39.76		HZ		
	e Sg	15:54:45.23		HE		
	IAML	15:54:46.00		HZ	0.001	0.3
PMTG	e Pg	15:54:40.73		HZ		
	e Sg	15:54:46.33		HN		

02-Jan Ho 17:24:28.2 ML 1.1
Lat 41.437°N Lon 06.474°W Prof 0*
Região: SE Vimioso Rms 0.4
AxMax 13.3 AxMin 3.9 Ang 101 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Pg	17:24:35.82		HZ		
	e Sg	17:24:41.12		HN		
	IAML	17:24:46.11		HZ	0.003	0.2
MVO	e Pg	17:24:37.39		HZ		
	e Sg	17:24:43.37		HE		
	IAML	17:24:43.96		HZ	0.003	0.3
POLO	e P	17:24:47.74		HZ		
	e S	17:25:00.36		HN		
	IAML	17:25:02.61		HZ	0.004	0.8
PCAB	e S	17:25:05.26		EE		
PVIS	e P	17:24:52.21		HZ		
	e S	17:25:09.57		HE		
PGAV	e P	17:24:55.58		HZ		
	e S	17:25:13.95		HN		

02-Jan Ho 17:28:58.7 Distante (NEIC) mb 4.9
Lat 09.038°N Lon 40.145°E Prof 10
Região: Ethiopia

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e P	17:38:07.30		BZ		
PVAQ	e LR	17:54:29.91		LZ		
	IAMs_20	18:02:43.66		LZ	1.325	18
PMRV	e LR	17:54:53.70		LZ		
	IAMs_20	18:03:33.85		LZ	1.258	16
PTEO	e P	17:38:15.08		BZ		
MOE	e P	17:38:12.52		BZ		
MVO	e LR	17:55:03.22		LZ		
	IAMs_20	18:03:57.69		LZ	1.406	16
MTE	e LR	17:54:56.08		LZ		
	IAMs_20	18:03:28.94		LZ	1.090	18
PSARD	e P	17:38:15.21		BZ		
PGAV	e LR	17:55:34.14		LZ		
	IAMs_20	18:04:43.35		LZ	1.335	16
PMOZ	e LR	17:58:23.03		LZ		
	IAMs_20	18:05:37.63		LZ	1.257	18

02-Jan Ho 18:01:31.1 ML 1.1
Lat 36.660°N Lon 07.200°W Prof 15
Região: Golfo de Cádiz Rms 0.2
AxMax 6.4 AxMin 4.9 Ang 93 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	18:01:46.22		HZ		
	e S	18:01:57.44		HE		
	IAML	18:01:58.79		HZ	0.002	0.1
PVAQ	e P	18:01:46.41		HZ		
	e S	18:01:58.03		H2		
	IAML	18:01:58.86		HZ	0.003	0.1
PCVE	e P	18:01:52.10		HZ		
	e S	18:02:06.79		HN		
MORF	e S	18:02:09.55		HN		
PFVI	e S	18:02:11.73		HN		
MESJ	e S	18:02:12.45		HN		

02-Jan Ho 18:28:37.3 ML 1.1
Lat 37.023°N Lon 08.364°W Prof 15
Região: SW Albufeira Rms 0.3
AxMax 3.4 AxMin 3.2 Ang 177 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MORF	e Pg	18:28:44.42		HZ		
	e Sg	18:28:50.00		HN		
	IAML	18:28:50.77		HZ	0.008	0.2
PFVI	e Pg	18:28:44.53		HZ		
	e Sg	18:28:49.93		HN		
	IAML	18:28:50.60		HZ	0.006	0.1
PBDV	e Pg	18:28:45.49		HZ		
	e Sg	18:28:51.76		HN		
	IAML	18:28:52.49		HZ	0.004	0.4
PTEO	e Pg	18:28:48.25		HZ		
	IAML	18:28:56.78		HZ	0.004	0.9
	e Sg	18:28:56.87		HE		
PVAQ	e Pg	18:28:48.85		HZ		
	e Sg	18:28:57.75		H1		
	IAML	18:28:58.79		HZ	0.003	0.2
PCVE	e Pg	18:28:49.61		HZ		
	e Sg	18:28:58.88		HE		
	IAML	18:28:59.29		HZ	0.002	0.3
MESJ	e P	18:28:52.54		HZ		
	e S	18:29:03.38		HE		
	IAML	18:29:04.94		HZ	0.002	0.4
PLOUS	e P	18:28:55.35		HZ		
	e S	18:29:08.40		HN		
	IAML	18:29:09.13		HZ	0.003	0.1
GRNL	e P	18:28:57.14		CZ		
	e S	18:29:10.83		CN		
	IAML	18:29:11.59		CZ	0.005	0.2
MOE	e Sg	18:29:23.42		HE		
PBAR	e Sn	18:29:22.49		HN		
	e Sg	18:29:26.86		HE		
PARRA	e Sn	18:29:27.70		HN		
	e Sg	18:29:31.53		HE		
PMTG	e Sn	18:29:33.55		HE		
	e Sg	18:29:42.13		HN		

02-Jan Ho 19:03:46.8 ML 1.1
Lat 36.395°N Lon 07.747°W Prof 19
Região: Golfo de Cádiz Rms 0.4
AxMax 7.3 AxMin 5.3 Ang 21 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	19:04:02.25		HZ		
	e S	19:04:13.86		HN		
PVAQ	e P	19:04:04.25		HZ		
	e S	19:04:17.82		H2		
	IAML	19:04:18.70		HZ	0.002	0.4
MORF	e S	19:04:20.89		HE		
	IAML	19:04:22.56		HZ	0.003	0.7
PCVE	e P	19:04:08.07		HZ		
	e S	19:04:24.17		HN		
PTEO	e S	19:04:26.97		HN		
MESJ	e S	19:04:29.46		HN		
GRNL	e P	19:04:15.61		CZ		
	e S	19:04:36.91		CN		
MOE	e S	19:04:46.75		HE		
PARRA	e S	19:04:51.54		HN		
PMTG	e P	19:04:28.18		HZ		
	e S	19:04:58.49		HE		

02-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
POLO	e S	19:22:21.11		HE		
	IAML	19:22:22.32		HZ	0.006	0.7
PBRG	e S	19:22:21.81		HN		

02-Jan Ho 19:45:11.3 ML 1.7							02-Jan Ho 20:43:35.2 Distante (NEIC) Mw 6.1						
Lat 35.846°N Lon 07.469°W Prof 32							Lat 21.715°S Lon 69.125°W Prof 99						
Região: Mar de Marrocos Rms 0.5							Região: Northern Chile						
Est	Fase	P h:m:s	Dur	Co	Amp	Per	Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	d 19:45:33.64		HZ			PMOZ	e P	20:54:58.57		BZ		
	e S	19:45:51.65		HN				e pP	20:55:22.32		BZ		
	IAML	19:45:56.61		HZ	0.003	0.7		I Amb	20:55:30.01		BZ	0.189	2.3
PVAQ	e P	19:45:35.37		HZ				e S	21:04:09.04		HE		
	e S	19:45:53.21		H1				e LR	21:18:14.72		HZ		
	IAML	19:45:54.87		HZ	0.008	0.2		I AMs_20	21:24:30.59		HZ	1.211	21
PFVI	e P	19:45:36.78		HZ			PMAR	e P	20:54:58.27		BZ		
	e S	19:45:56.48		HN				I Amb	20:55:08.71		BZ	0.198	1.8
	IAML	19:46:00.73		HZ	0.008	0.7	PMPST	e P	20:55:00.46		BZ		
MORF	e P	19:45:37.23		HZ				I Amb	20:55:03.24		BZ	0.318	1.8
	e S	19:45:57.87		HN				e pP	20:55:26.09		BZ		
	IAML	19:46:02.25		HZ	0.005	0.3	PFVI	i P	d 20:55:42.07		BZ		
PCVE	e P	19:45:39.40		HZ				I Amb	20:55:43.86		BZ	0.613	1.3
	e S	19:46:00.18		HN				e pP	20:56:08.37		BZ		
	IAML	19:46:00.69		HZ	0.002	0.3	MORF	e P	d 20:55:43.65		BZ		
PTEO	e P	19:45:41.15		HZ				I Amb	20:55:45.16		BZ	0.628	1.2
	e S	19:46:03.72		HN				e pP	20:56:08.84		BZ		
MESJ	e P	19:45:42.67		HZ			PTEO	e P	d 20:55:44.26		BZ		
	e S	19:46:06.31		HN				I Amb	20:55:46.49		BZ	1.176	1.4
	IAML	19:46:07.48		HZ	0.002	0.3		e pP	20:56:10.05		BZ		
PBEJ	e P	19:45:44.33		EZ			PBDV	e P	d 20:55:46.01		BZ		
	e S	19:46:08.59		EE				I Amb	20:55:47.52		BZ	0.555	1.3
	IAML	19:46:11.62		EZ	0.002	0.3		e pP	20:56:11.69		BZ		
PLOUS	e P	19:45:45.52		HZ			GRNL	e P	d 20:55:46.11		BZ		
	e S	19:46:12.74		HN				e pP	20:56:10.25		BZ		
PBAR	e P	19:45:46.47		HZ			PMAFR	e P	d 20:55:46.08		BZ		
	e S	19:46:12.45		HN				I Amb	20:55:47.69		BZ	0.452	1.3
	IAML	19:46:19.48		HZ	0.002	0.2		e pP	20:56:11.53		BZ		
GRNL	e P	19:45:47.09		CZ			PLOUS	e P	d 20:55:46.21		BZ		
	e S	19:46:13.76		CN				I Amb	20:55:47.88		BZ	0.279	1.4
	IAML	19:46:17.50		CZ	0.002	0.5		e pP	20:56:11.73		BZ		
EVO	e P	19:45:51.44		HZ			MESJ	e P	d 20:55:46.59		BZ		
MOE	e P	19:45:52.15		HZ				I Amb	20:55:48.14		BZ	0.409	1.1
	e S	19:46:22.15		HN				e pP	20:56:12.13		BZ		
	IAML	19:46:45.21		HZ	0.003	0.6	PCVE	e P	d 20:55:46.71		BZ		
PARRA	e P	19:45:55.16		HZ				I Amb	20:55:48.08		BZ	0.396	1.1
	e S	19:46:28.37		HE				e pP	20:56:12.22		BZ		
	IAML	19:46:30.99		HZ	0.001	0.1	PVAQ	e P	d 20:55:47.12		BZ		
PESTR	e P	19:45:55.51		HZ				I Amb	20:55:48.54		BZ	0.263	1.7
	e S	19:46:27.91		HN				e pP	20:56:12.83		BZ		
PMTG	e P	19:45:58.92		HZ				e S	21:05:48.72		H2		
	e S	19:46:35.21		HN				e LQ	21:17:07.48		H2		
	IAML	19:46:51.48		HZ	0.002	0.9		e LR	21:22:34.66		HZ		
PMAFR	e P	19:46:01.63		HZ				I AMs_20	21:30:26.80		HZ	2.141	21
PMRV	e P	19:46:03.18		HZ			MOE	e P	d 20:55:47.94		BZ		
	e S	19:46:41.98		HE				I Amb	20:55:49.62		BZ	0.557	1.3
	IAML	19:46:43.05		HZ	0.002	0.9		e pP	20:56:13.63		BZ		
PSARD	e P	19:46:06.12		HZ			PBEJ	e P	d 20:55:48.14		SZ		
	e S	19:46:47.92		HN				I Amb	20:55:49.78		SZ	0.342	1.2
								e pP	20:56:14.06		SZ		
							EVO	e P	d 20:55:48.94		BZ		
								I Amb	20:55:50.61		BZ	0.519	1.4
								e pP	20:56:13.95		BZ		
							PARRA	e P	d 20:55:49.85		BZ		
								e pP	20:56:15.24		BZ		
							PMTG	e P	d 20:55:49.86		BZ		
								I Amb	20:55:51.52		BZ	0.587	1.2
								e pP	20:56:15.25		BZ		
							PBAR	e P	d 20:55:51.18		BZ		
								I Amb	20:55:52.79		BZ	0.301	1.3
								e pP	20:56:15.79		BZ		
							PESTR	e P	d 20:55:51.42		BZ		
								I Amb	20:55:53.19		BZ	0.433	1.2
								e pP	20:56:16.44		BZ		
							PSARD	e P	d 20:55:51.37		BZ		
								I Amb	20:55:53.01		BZ	0.533	1.3
								e pP	20:56:17.17		BZ		
							PCAS	e P	d 20:55:51.96		BZ		
								I Amb	20:55:53.47		BZ	0.318	1.3
								e pP	20:56:16.62		BZ		
							COI	e P	d 20:55:52.76		BZ		
								I Amb	20:55:54.24		BZ	0.619	1.3
								e pP	20:56:17.80		BZ		

PMRV	e P	d	20:55:52.79	BZ	0.221	1.3	PVAQ	e P	21:18:47.40	HZ	0.006	0.7			
	IAMB		20:55:54.69	BZ				e S	21:19:17.39	H2					
	e pP		20:56:18.52	BZ				IAML	21:19:19.02	HZ					
	e S		21:06:05.90	HN				PBAR	e P	21:18:48.97			HZ		
	e LQ		21:17:51.62	HN					e S	21:19:19.65			HE		
PTO	e LR		21:23:17.22	HZ	1.228	21	02-Jan	Ho	22:22:27.2			ML 1.4			
	IAMS_20		21:26:27.66	HZ				Lat	36.538°N	Lon	05.107°W	Prof	24		
	e P	d	20:55:54.54	SZ				Região: NE Gibraltar (ESP)				Rms	0.5		
	IAMB		20:55:56.61	SZ				AxMax	6.8	AxMin	4.3	Ang	18	ErrZ	7
	e pP		20:56:20.92	SZ				Est	Fase	P h:m:s	Dur	Co	Amp	Per	
PVIS	e P	d	20:55:55.25	BZ	0.505	1.2	PBAR	e Pn	22:23:01.27	HZ	0.001	0.5			
	e pP		20:56:22.29	BZ				e Sn	22:23:27.64	HN					
MTE	e P	d	20:55:55.75	BZ	1.885	20	PVAQ	e Sg	22:23:36.45	HN	0.002	0.7			
	IAMB		20:55:57.19	BZ				IAML	22:23:43.90	HZ					
	e pP		20:56:20.75	HE				e Pn	22:23:01.44	HZ					
	e S		21:06:07.00	HN				e Sn	22:23:27.61	H2					
	e LQ		21:18:05.34	HZ				e Sg	22:23:37.82	H1					
PVRL	e LR		21:23:32.34	HZ	0.484	1.3	PCVE	IAML	22:23:49.35	HZ	0.001	0.5			
	IAMS_20		21:30:34.26	SZ				e Pn	22:23:05.66	HZ					
	e P	d	20:55:57.54	SZ				PESTR	e Pn	22:23:13.59			HZ		
POLO	IAMB		20:55:59.18	SZ	0.305	1.8	GRNL	e Sn	22:23:44.66	HN	0.001	0.5			
	e pP		20:56:24.47	SZ				e Sg	22:24:02.63	HN					
	e P	d	20:55:58.56	BZ				e Pn	22:23:15.02	CZ					
PCAB	IAMB		20:56:00.94	BZ	0.540	1.1	PARRA	e Pn	22:23:15.22	HZ	0.001	0.5			
	e pP		20:56:24.05	BZ				e Sn	22:23:51.54	HE					
	e P	d	20:55:57.22	SZ				e Sg	22:24:07.97	HE					
PGAV	e pP		20:56:23.44	SZ	0.408	1.4	MOE	e Pn	22:23:17.26	HZ	0.001	0.5			
	e P	d	20:55:57.84	BZ				PMRV	e Pn	22:23:17.77			HZ		
	IAMB		20:55:59.42	BZ				e Sn	22:23:56.02	HN					
	e pP		20:56:24.86	BZ				PMTG	e Pn	22:23:19.67			HZ		
	e S		21:06:08.99	HE				e Sn	22:23:57.99	HE					
	e LQ		21:18:09.39	HN				PSARD	e Pn	22:23:24.39			HZ		
MVO	e LR		21:23:43.51	HZ	2.346	21	02-Jan	Ho	22:22:48.5			Distante (NEIC)	mb 4.7		
	IAMS_20		21:30:10.39	HZ				Lat	09.135°N	Lon	40.116°E	Prof	10		
	e P	d	20:55:59.63	BZ				Região: Ethiopia							
	IAMB		20:56:01.12	BZ				Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	e pP		20:56:24.05	BZ				PVAQ	e LR	22:54:01.10	HZ	0.447	18		
	e S		21:06:11.81	HE				IAMS_20	22:56:31.30	HZ					
PBRG	e LQ		21:18:18.13	HN	1.908	22	PESTR	e P	22:31:59.45	BZ	0.512	17			
	e LR		21:23:49.51	HZ				PMRV	e LR	22:55:08.03			HZ		
	IAMS_20		21:30:44.63	HZ				IAMS_20	22:57:21.69	HZ					
	e P	d	20:56:00.57	BZ				EVO	e P	22:32:00.06			BZ		
	IAMB		20:56:02.07	BZ				PARRA	e P	22:32:01.85			BZ		
	e pP		20:56:24.33	BZ				PLOUS	e P	22:32:01.72			BZ		
02-Jan	Ho	21:18:07.6					PTEO	e P	22:32:02.02	BZ					
	Lat	39.095°N	Lon	10.313°W			GRNL	e P	22:32:02.38	BZ					
	Região: Canhão da Nazaré						MVO	e P	22:32:02.98	BZ					
	AxMax	5.9	AxMin	3.3	Ang	102	ErrZ	4							
	Est	Fase	P h:m:s	Dur	Co	Amp	Per								
PMAFR	e P		21:18:22.15	HZ	0.011	0.8	PMTG	IAMS_20	22:57:46.00	HZ	0.442	16			
	e S		21:18:33.69	HN				e P	22:32:02.94	BZ					
	IAML		21:18:35.86	HZ				MTE	e LR	22:55:19.54			HZ		
MOE	e P		21:18:33.64	HZ	0.002	0.7	PVIS	IAMS_20	22:57:17.55	HZ	0.346	17			
	e S		21:18:52.89	HE				e P	22:32:06.11	BZ					
PMTG	e P		21:18:33.25	HZ	0.001	0.9	PCAS	e P	22:32:07.58	BZ	0.432	19			
	e S		21:18:52.96	HN				POLO	e P	22:32:07.79			BZ		
GRNL	IAML		21:18:55.74	HZ	0.001	0.9	PGAV	e LR	22:54:36.11	HZ	0.009	0.1			
	e P		21:18:33.64	CZ				IAMS_20	22:56:50.81	HZ					
PCAS	e S		21:18:54.49	CE	0.001	0.9	PMOZ	e LR	22:58:00.82	HZ	0.006	0.1			
	e P		21:18:33.93	HZ				IAMS_20	22:59:26.61	HZ					
PSARD	e S		21:18:54.51	HN	0.001	0.9	02-Jan	Ho	23:07:12.4			ML 0.9			
	e P		21:18:35.64	HZ				Lat	37.332°N	Lon	08.517°W	Prof	12		
PARRA	e S		21:18:55.85	HN	0.001	0.9	Est	Região: NE Monchique				Rms	0.4		
	e P		21:18:35.77	HZ				AxMax	3.1	AxMin	1.6	Ang	124	ErrZ	3
PLOUS	e S		21:18:56.12	HN	0.001	0.9	PMONC	Fase	P h:m:s	Dur	Co	Amp	Per		
	IAML		21:18:59.75	HZ				i Pg	c	23:07:14.22	HZ	0.064	0.1		
PTEO	e P		21:18:35.93	HZ	0.001	0.9	MORF	e Sg	23:07:15.90	H1	0.031			0.1	
	e S		21:18:57.30	HN				IAML	23:07:16.25	HZ					
PESTR	e S		21:19:00.87	HN	0.001	0.9	PFVI	i Pg	c	23:07:15.16	HZ	0.009	0.1		
	e P		21:19:05.05	HN				e Sg	23:07:17.62	HN					
MORF	e P		21:18:41.68	HZ	0.001	0.9	PTEO	IAML	23:07:17.98	HZ	0.009	0.1			
	e P		21:18:42.29	HZ				e Sg	23:07:20.70	HE					
PMRV	e P		21:18:42.21	HZ	0.001	0.9	PFVI	IAML	23:07:20.73	HZ	0.006	0.1			
	e S		21:19:08.63	HN				e Pg	23:07:18.31	HZ					
PCVE	e P		21:18:43.47	HZ	0.001	0.9	PTEO	e Sg	23:07:22.71	HN	0.006	0.1			
	e S		21:19:09.83	EE				IAML	23:07:26.81	HZ					

PBDV	e Pg	23:07:21.45	HZ						
	e Sg	23:07:27.30	HN						
	IAML	23:07:29.19	HZ	0.002	0.3				
PCVE	e Pg	23:07:21.33	HZ						
	e Sg	23:07:27.92	HN						
MESJ	e Pg	23:07:23.02	HZ						
	e Sg	23:07:30.76	HN						
PVAQ	e Pg	23:07:24.71	HZ						
	e Sg	23:07:31.59	H2						
	IAML	23:07:33.17	HZ	0.003	0.4				
PLOUS	e Pg	23:07:25.44	HZ						
	e Sg	23:07:34.42	HN						
	IAML	23:07:34.98	HZ	0.001	0.1				
GRNL	e P	23:07:26.94	CZ						
	e S	23:07:36.58	CE						
	IAML	23:07:39.11	CZ	0.002	0.3				
PBEJ	e P	23:07:28.53	EZ						
	e S	23:07:39.34	EN						
MOE	e P	23:07:33.65	HZ						
	e S	23:07:49.21	HN						
	IAML	23:07:51.71	HZ	0.002	0.3				
PBAR	e Pn	23:07:36.03	HZ						
	e Pg	23:07:38.91	HZ						
	e Sn	23:07:54.89	HE						
	e Sg	23:07:57.98	HN						
	IAML	23:07:58.46	HZ	0.003	0.8				
PARRA	e Pn	23:07:37.81	HZ						
	e Sn	23:07:56.79	HN						
	e Sg	23:07:59.50	HE						
	IAML	23:07:59.80	HZ	0.001	0.7				
PESTR	e Sg	23:08:04.72	HE						
PMTG	e Sn	23:08:03.94	HN						
	e Sg	23:08:06.25	HN						
	IAML	23:08:07.27	HZ	0.002	0.8				

03-Jan	Ho	00:06:12.2							ML 0.5
	Lat	37.353°N	Lon	08.478°W					Prof 8
	Região:	NE Monchique							Rms 0.3
	AxMax	1.9	AxMin	1.4	Ang	136			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>	
PMONC	e Sg	00:06:15.32		H1					
MORF	e Pg	00:06:15.41		HZ					
	e Sg	00:06:17.90		HE					
	IAML	00:06:18.18		HZ	0.010	0.1			
PTEO	e Pg	00:06:17.46		HZ					
	e Sg	00:06:21.44		HE					
PFVI	e Pg	00:06:18.68		HZ					
	e Sg	00:06:23.48		HN					
PBDV	e Sg	00:06:26.86		HE					
PCVE	e Pg	00:06:20.19		HZ					
	e Sg	00:06:26.84		HE					
PVAQ	e Pg	00:06:23.44		HZ					
	e Sg	00:06:31.54		H1					
PLOUS	e Sg	00:06:33.92		HE					
GRNL	e Pg	00:06:26.78		CZ					
	e Sg	00:06:35.99		CE					
PBAR	e Sg	00:06:57.12		HN					

03-Jan	Ho	00:17:57.3							ML 0.1
	Lat	37.342°N	Lon	08.733°W					Prof 3*
	Região:	NE Aljezur							Rms 0.4
	AxMax	3.3	AxMin	1.6	Ang	97			ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>			<i>Amp</i>	<i>Per</i>	
MORF	e Pg	d 00:17:58.53		HZ					
	e Sg	00:18:00.28		HN					
	IAML	00:18:00.39		HZ	0.008	0.1			
PTEO	e Sg	00:18:03.37		HN					
PFVI	e Pg	00:18:01.24		HZ					
	e Sg	00:18:04.80		HN					
PBDV	e Pg	00:18:09.47		HZ					
	e Sg	00:18:17.47		HE					
PLOUS	e Sg	00:18:21.45		HN					
GRNL	e Sg	00:18:22.13		CN					
PVAQ	e Pg	00:18:11.96		HZ					
	e Sg	00:18:21.79		H1					

03-Jan	Ho	00:37:07.0							ML 0.3
	Lat	37.330°N	Lon	08.544°W					Prof 10
	Região:	NE Monchique							Rms 0.4
	AxMax	2.7	AxMin	2.0	Ang	130			ErrZ 7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>			<i>Amp</i>	<i>Per</i>	
MORF	e Pg	00:37:09.43		HZ					
	e Sg	00:37:11.40		HE					
	IAML	00:37:11.47		HZ	0.011	0.1			
PTEO	e Sg	00:37:15.88		HN					
PFVI	e Pg	00:37:12.67		HZ					
	e Sg	00:37:16.61		HE					
	IAML	00:37:16.99		HZ	0.004	0.3			
PBDV	e Pg	00:37:16.27		HZ					
	e Sg	00:37:23.00		HN					
PCVE	e Sg	00:37:22.90		HE					
MESJ	e Sg	00:37:26.36		HE					
PVAQ	e Pg	00:37:20.08		HZ					
	e Sg	00:37:27.92		H2					
PLOUS	e Sg	00:37:29.05		HN					
GRNL	e Pg	00:37:22.40		CZ					
	e Sg	00:37:31.55		CN					
PBAR	e Sg	00:37:53.55		HN					
PARRA	e Sg	00:37:56.84		HN					

03-Jan	Ho	01:07:21.4							ML 1.8
	Lat	36.927°N	Lon	13.618°W					Prof 33*
	Região:	Josephine							Rms 0.4
	AxMax	8.3	AxMin	6.1	Ang	153			ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>			<i>Amp</i>	<i>Per</i>	
PFVI	e P	01:08:14.49		HZ					
	e S	01:08:54.08		HE					
PTEO	e S	01:08:56.49		HN					
MORF	e P	01:08:16.51		HZ					
	e S	01:08:56.93		HN					
	IAML	01:08:58.17		HZ	0.002	1.3			
GRNL	e P	01:08:20.81		CZ					
	e S	01:09:02.57		CE					
PLOUS	e P	01:08:20.94		HZ					
	e S	01:09:05.48		HN					
MESJ	e P	01:08:22.21		HZ					
MOE	e S	01:09:09.80		HN					
PCVE	e S	01:09:10.73		HE					
PBDV	e P	01:08:24.87		HZ					
	e S	01:09:11.72		HN					
PVAQ	e P	01:08:27.09		HZ					
	e S	01:09:15.88		H2					
	IAML	01:09:17.85		HZ	0.001	0.4			
PMTG	e P	01:08:27.16		HZ					
	e S	01:09:16.38		HN					
PARRA	e P	01:08:27.25		HZ					
	e S	01:09:16.97		HN					
PBAR	e S	01:09:31.51		HE					
PMRV	e S	01:09:34.72		HE					

03-Jan	Ho	01:34:22.4							mb 4.6
	Lat	09.056°N	Lon	40.084°E					Prof 10
	Região:	Ethiopia							
<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 LR	02:05:36.37		LZ					
	IAMs_20	02:07:57.93		LZ	0.359	18			
PMRV	e LR	02:05:47.52		LZ					
	IAMs_20	02:08:55.75		LZ	0.362	16			
MVO	e SS	01:54:26.84		LE					
	e LR	02:06:05.02		LZ					
	IAMs_20	02:09:21.73		LZ	0.380	16			
MTE	e LR	02:05:52.13		LZ					
	IAMs_20	02:08:51.21		LZ	0.302	18			
PGAV	e LR	02:06:07.97		LZ					
	IAMs_20	02:08:26.48		LZ	0.333	18			
PMOZ	e SS	01:56:13.19		LE					
	e LR	02:09:33.96		LZ					
	IAMs_20	02:11:02.27		LZ	0.340	16			

03-Jan							PARRA	e Pn	10:55:09.36	HZ							
Est	Fase	P h:m:s	Dur	Co	Amp	Per		e Sn	10:55:56.23	HN							
PBAR	e P	02:35:11.11		HZ			PFVI	e Pn	10:55:09.93	HZ							
	e S	02:35:53.14		HE				e Sn	10:55:58.39	HE							
PARRA	e P	02:35:25.31		HZ			GRNL	e Pn	10:55:10.40	CZ							
PVAQ	e S	02:35:52.68		H1				e Sn	10:55:58.05	CE							
03-Jan							03-Jan				03-Jan						
Ho		02:33:18.6		Distante (NEIC)		Mw 5.5	Ho		13:51:02.3		Distante (NEIC)		mb 4.5				
Lat		58.805°S		Lon 25.907°W		Prof 99	Lat		36.464°N		Lon 31.889°E		Prof 10				
Região: South Sandwich Islands Region							Região: Turkey										
Est	Fase	P h:m:s	Dur	Co	Amp	Per	Est	Fase	P h:m:s	Dur	Co	Amp	Per				
MORF	e pP	02:47:11.18		BZ			MVO	e P	13:57:14.68		BZ						
PVAQ	e pP	02:47:10.63		BZ			PBAR	e P	13:57:19.37		BZ						
PBEJ	e pP	02:47:12.27		SZ				e pP	13:57:27.07		BZ						
03-Jan							POLO	e P	13:57:20.44		BZ						
Ho		03:37:58.9		ML 1.0				e pP	13:57:23.31		BZ						
Lat		36.492°N		Lon 09.656°W		Prof 21	PESTR	e P	13:57:21.63		BZ						
Região: SW Cabo S.Vicente				Rms 0.5				e pP	13:57:27.09		BZ						
AxMax 8.3		AxMin 7.1		Ang 42		ErrZ 5	PVAQ	e P	13:57:24.19		BZ						
Est	Fase	P h:m:s	Dur	Co	Amp	Per		IAMB	13:57:36.42		BZ	0.041	2.1				
PFVI	e P	03:38:15.97		HZ			PBEJ	e P	13:57:25.42		SZ						
	e S	03:38:27.14		HN				e pP	13:57:32.39		SZ						
MORF	e S	03:38:32.66		HE				IAMB	13:57:35.11		SZ	0.026	1.6				
	IAML	03:38:34.35		HZ	0.002	0.8	PBDV	e pP	13:57:32.89		BZ						
PTEO	e S	03:38:36.11		HE			PCAS	e P	13:57:26.41		BZ						
PBDV	e S	03:38:42.79		HN				e pP	13:57:32.72		BZ						
PCVE	e S	03:38:47.14		HE			MOE	e P	13:57:28.19		BZ						
MESJ	e S	03:38:47.75		HE				e sP	13:57:35.79		BZ						
PVAQ	e S	03:38:48.01		H2			MESJ	e P	13:57:27.31		BZ						
PLOUS	e S	03:38:48.08		HN				IAMB	13:57:34.20		BZ	0.036	1.7				
GRNL	e S	03:38:48.82		CN				e pP	13:57:35.09		BZ						
MOE	e S	03:38:59.80		HN			03-Jan							03-Jan			
PMAFR	e S	03:39:05.38		HN			Ho		14:27:20.0		Distante (NEIC)		mb 4.8				
PARRA	e P	03:38:38.53		HZ			Lat		09.660°N		Lon 40.070°E		Prof 10				
	e S	03:39:08.19		HN			Região: Ethiopia										
PBAR	e S	03:39:09.99		HN			Est	Fase	P h:m:s	Dur	Co	Amp	Per				
PMTG	e P	03:38:40.33		HZ			PVAQ	e S	14:43:26.14		L2						
	e S	03:39:12.14		HN				e LQ	14:53:19.19		L2						
PESTR	e S	03:39:14.02		HN				e LR	14:58:49.91		LZ						
PMRV	e P	03:38:49.03		HZ				IAMs_20	15:00:57.68		LZ	1.817	18				
	e S	03:39:27.82		HE			PMRV	e LQ	14:52:43.35		LN						
03-Jan								e LR	14:59:40.14		LZ						
Ho		09:40:57.5		ML 0.4				IAMs_20	15:01:56.31		LZ	2.062	16				
Lat		38.719°N		Lon 07.901°W		Prof 16	MVO	e LQ	14:54:25.87		LN						
Região: E Arraiolos				Rms 0.1				e LR	14:58:58.98		LZ						
AxMax 1.8		AxMin 1.3		Ang 140		ErrZ 4		IAMs_20	15:02:11.98		LZ	1.932	16				
Est	Fase	P h:m:s	Dur	Co	Amp	Per	MTE	e LQ	14:53:16.91		LN						
PARRA	e Pg	09:41:01.20		HZ				e LR	14:58:56.16		LZ						
	e Sg	09:41:04.01		HE				IAMs_20	15:01:40.48		LZ	1.314	18				
	IAML	09:41:04.11		HZ	0.003	0.4	PGAV	e LQ	14:55:48.70		LN						
PESTR	e Pg	09:41:03.30		HZ				e LR	14:58:58.79		LZ						
	e Sg	09:41:07.39		HN				IAMs_20	15:02:57.18		LZ	1.545	16				
MOE	e Pg	09:41:05.30		HZ			PMOZ	e LR	15:02:31.60		LZ						
	e Sg	09:41:10.74		HN				IAMs_20	15:03:51.50		LZ	1.765	16				
	IAML	09:41:11.36		HZ	0.002	0.2	03-Jan							03-Jan			
PMTG	e Sg	09:41:11.70		HN			Ho		17:01:45.9		Distante (NEIC)		Mw 5.5				
03-Jan							Lat		09.299°N		Lon 40.425°E		Prof 10				
03-Jan							Ho		10:54:04.4		ML 2.0						
Lat		36.523°N		Lon 03.474°W		Prof 1*	Região: Ethiopia										
Região: SE Granada (ESP)				Rms 0.5			Est	Fase	P h:m:s	Dur	Co	Amp	Per				
AxMax 4.4		AxMin 2.6		Ang 174		ErrZ 0	PBAR	e P	17:10:50.40		BZ						
Est	Fase	P h:m:s	Dur	Co	Amp	Per	PVAQ	e LQ	17:27:45.32		L2						
PBAR	e Pn	10:54:56.31		HZ				e LR	17:32:42.25		LZ						
	e Sn	10:55:32.88		HN				IAMs_20	17:35:18.17		LZ	4.434	16				
	IAML	10:55:49.33		HZ	0.003	0.5	PESTR	e P	17:10:56.58		BZ						
PVAQ	e Pn	10:54:58.38		HZ			PMRV	e P	17:10:56.31		BZ						
	e Sn	10:55:37.30		H1				e LQ	17:27:12.09		LN						
	IAML	10:55:39.54		HZ	0.002	0.2		e LR	17:31:35.45		LZ						
PBDV	e Pn	10:55:00.23		HZ				IAMs_20	17:35:57.78		LZ	5.095	18				
PCVE	e Pn	10:55:02.89		HZ			EVO	e P	17:10:59.13		BZ						
	e Sn	10:55:44.41		HN			PARRA	e P	17:10:57.03		BZ						
MESJ	e Pn	10:55:05.22		HZ			MVO	e LQ	17:27:29.98		LE						
	e Sn	10:55:49.91		HE				e LR	17:32:02.81		LZ						
PESTR	e Sn	10:55:49.37		HE				IAMs_20	17:34:17.31		LZ	3.627	20				
PLOUS	e Pn	10:55:08.38		HZ			MTE	e LQ	17:27:26.11		LN						
	e Sn	10:55:54.38		HE				e LR	17:33:19.60		LZ						
								IAMs_20	17:37:30.97		LZ	3.682	16				
							PMTG	e P	17:10:59.59		BZ						

PCAS	e P	17:11:04.45	BZ		
POLO	e P	17:11:05.59	BZ		
PGAV	e LQ	17:28:12.16	LE		
	e LR	17:31:44.89	LZ		
	IAMs_20	17:34:52.66	LZ	3.635	22
PMOZ	e LQ	17:33:23.47	LN		
	e LR	17:36:42.45	LZ		
	IAMs_20	17:38:23.81	LZ	5.272	16

03-Jan Ho 22:33:57.8 ML 1.6
Lat 41.406°N Lon 06.550°W Prof 4*
Região: NE Mogadouro Rms 0.5
AxMax 3.7 AxMin 2.1 Ang 89 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e Pg	22:34:03.27		HZ		
	e Sg	22:34:09.23		HE		
	IAML	22:34:14.41		HZ	0.008	0.1
MVO	e Pg	c 22:34:05.85		HZ		
	e Sg	22:34:11.75		HE		
	IAML	22:34:12.58		HZ	0.018	0.4
PVRL	e P	22:34:14.08		EZ		
	e S	22:34:26.38		EN		
	IAML	22:34:27.82		EZ	0.017	0.4
POLO	e P	22:34:15.85		HZ		
	e S	22:34:28.02		HN		
	IAML	22:34:33.83		HZ	0.008	0.5
PCAB	e P	22:34:19.22		EZ		
	e S	22:34:34.00		EN		
	IAML	22:34:35.69		EZ	0.014	0.4
PVIS	e P	22:34:20.41		HZ		
	e S	22:34:36.46		HE		
MTE	e P	22:34:21.07		HZ		
	e S	22:34:37.34		HN		
	IAML	22:34:40.91		HZ	0.008	0.3
PGAV	e P	22:34:23.75		HZ		
	e S	22:34:41.36		HE		
	IAML	22:34:42.99		HZ	0.006	0.1
PCBR	e Pn	22:34:27.97		EZ		
	e Sg	22:34:51.49		EE		
COI	e Sg	22:34:56.95		HE		
PCAS	e Sg	22:35:00.99		HN		
	IAML	22:35:08.47		HZ	0.003	0.4
PMRV	e Pg	22:34:36.84		HZ		
	e Sg	22:35:02.59		HE		
	IAML	22:35:05.39		HZ	0.003	0.6
PESTR	e Sg	22:35:18.38		HN		
	IAML	22:35:26.56		HZ	0.002	0.8
PMTG	e Pn	22:34:39.76		HZ		
	e Sn	22:35:11.16		HE		
	e Sg	22:35:21.24		HN		
PARRA	e Pn	22:34:42.10		HZ		
	e Sn	22:35:15.77		HE		
	e Sg	22:35:26.04		HE		
MOE	e Sg	22:35:36.65		HE		
	IAML	22:35:38.73		HZ	0.003	0.4
PMAFR	e Sn	22:35:21.76		HN		
PBAR	e Sg	22:35:37.70		HN		
	IAML	22:35:40.68		HZ	0.002	0.6

03-Jan Ho 22:55:26.0 Distante (NEIC) Mw 5.0
Lat 28.008°S Lon 63.425°E Prof 10
Região: Southwest Indian Ridge

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	23:08:41.64		BZ		
PBDV	e P	23:08:41.39		BZ		
	IAMB	23:08:56.45		BZ	0.038	1.7
PCVE	e P	23:08:43.67		BZ		
PBEJ	e P	23:08:44.79		SZ		
MORF	e P	23:08:46.76		BZ		
PESTR	e P	23:08:45.09		BZ		
	IAMB	23:08:48.39		BZ	0.032	1.9
EVO	e P	23:08:46.04		BZ		
	IAMB	23:09:03.55		BZ	0.073	1.8
PARRA	e P	23:08:46.23		BZ		
MOE	e P	23:08:45.62		BZ		
PMTG	e P	23:08:48.87		BZ		

PSARD	e P	23:08:48.31	BZ
MVO	e P	23:08:50.61	BZ
PBRG	e P	23:08:49.63	BZ
PCAS	e P	23:08:50.58	BZ

04-Jan

<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 Pg	00:02:31.33		HZ		
	e Sg	00:02:34.28		HN		
PARRA	e Pg	00:02:31.77		HZ		
	e Sg	00:02:35.14		HE		
PMRV	e S	00:02:54.85		HE		

04-Jan Ho 00:32:34.0 ML 1.9
Lat 41.400°N Lon 06.517°W Prof 6
Região: NE Mogadouro Rms 0.5
AxMax 2.7 AxMin 1.9 Ang 82 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e Pg	00:32:39.76		HZ		
	e Sg	00:32:45.77		HE		
	IAML	00:32:50.91		HZ	0.020	0.3
MVO	e Pg	c 00:32:42.39		HZ		
	e Sg	00:32:48.36		HN		
	IAML	00:32:48.64		HZ	0.030	0.3
PVRL	e P	00:32:50.65		EZ		
	e S	00:33:03.31		EE		
	IAML	00:33:04.38		EZ	0.036	0.1
POLO	e P	00:32:52.39		HZ		
	e S	00:33:05.03		HE		
	IAML	00:33:07.06		HZ	0.012	0.2
PCAB	e P	00:32:55.79		EZ		
	e S	00:33:10.73		EE		
	IAML	00:33:12.14		EZ	0.026	0.3
PVIS	e P	00:32:56.96		HZ		
	e S	00:33:12.96		HN		
MTE	e P	00:32:57.53		HZ		
	e S	00:33:13.87		HN		
	IAML	00:33:17.49		HZ	0.015	0.3
PGAV	e Pn	00:33:00.21		HZ		
	e Sn	00:33:17.35		HE		
	e Sg	00:33:19.30		HN		
	IAML	00:33:19.64		HZ	0.014	0.2
COI	e Sg	00:33:33.37		HN		
PCAS	e Pg	00:33:11.77		HZ		
	e Sg	00:33:38.19		HE		
PMRV	e Pn	00:33:09.88		HZ		
	e Pg	00:33:13.14		HZ		
	e Sn	00:33:33.97		HE		
	e Sg	00:33:39.06		HE		
	IAML	00:33:41.72		HZ	0.006	0.6
PESTR	e Pg	00:33:24.39		HZ		
	e Sg	00:33:57.53		HE		
	IAML	00:33:59.46		HZ	0.004	0.6
PMTG	e Pn	00:33:16.51		HZ		
	e Pg	00:33:24.55		HZ		
	e Sn	00:33:47.09		HN		
	e Sg	00:33:57.69		HN		
	IAML	00:34:01.05		HZ	0.003	0.4
PARRA	e Pn	00:33:19.53		HZ		
	e Pg	00:33:27.30		HZ		
	e Sn	00:33:52.25		HE		
	e Sg	00:34:02.22		HN		
	IAML	00:34:03.19		HZ	0.002	0.2
MOE	e Sg	00:34:13.88		HE		
	IAML	00:34:14.64		HZ	0.007	0.5
PBAR	e Pn	00:33:25.98		HZ		
	e Pg	00:33:35.01		HZ		
	e Sn	00:34:02.35		HE		
	e Sg	00:34:15.68		HE		
	IAML	00:34:17.22		HZ	0.005	0.7
PLOUS	e Pn	00:33:32.01		HZ		

04-Jan Ho 00:52:21.1 Distante (NEIC) Mw 5.7							04-Jan Ho 01:36:50.4						
Lat 09.480°N Lon 40.154°E Prof 8							Lat 41.659°N Lon 07.268°W Prof 11*						
Região: Ethiopia							Região: NE Valpaços						
Est	Fase	P h:m:s	Dur	Co	Amp	Per	AxMax	2.3	AxMin	1.5	Ang	132	Rms 0.3
PBAR	e P	01:01:23.63		BZ			Est	Fase	P h:m:s	Dur	Co	Amp	Per
	IAMB	01:01:25.16		BZ	0.046	1.8	POLO	e Pg	01:36:59.83		HZ		
	e PP	01:03:24.57		BZ				e Sg	01:37:06.13		HE		
PVAQ	e P	01:01:27.56		BZ			PCAB	e Pg	01:37:00.61		EZ		
	e PP	01:03:21.64		BZ				e Sg	01:37:08.83		EN		
	e S	01:08:44.75		L2			PGAV	e P	01:37:04.71		HZ		
	e LQ	01:17:55.34		L2				e S	01:37:16.56		HE		
	e LR	01:20:59.15		LZ			PVIS	e S	01:37:23.67		HN		
	IAMs_20	01:25:43.04		LZ	10.04	18	04-Jan Ho 01:43:50.8						
PBDV	e P	01:01:22.41		BZ			Lat 42.149°N Lon 07.115°W						
	e PP	01:03:23.70		BZ			Região: NW Vinhais						
PCVE	e P	01:01:23.84		BZ			AxMax 2.5 AxMin 1.5 Ang 92 ErrZ 5						
	e PP	01:03:26.59		BZ			Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBEJ	e P	01:01:27.22		SZ			PBRG	e Pg	01:43:57.27		HZ		
PESTR	e P	01:01:28.91		BZ				e Sg	01:44:03.47		HE		
	IAMB	01:01:40.36		BZ	0.077	1.6		IAML	01:44:03.85		HZ	0.014	0.1
	e PP	01:03:26.30		BZ			PCAB	e P	01:44:05.51		EZ		
PMRV	e P	01:01:30.90		BZ				e S	01:44:16.68		EN		
	IAMB	01:01:40.64		BZ	0.055	1.6		IAML	01:44:18.10		EZ	0.014	0.1
	e S	01:08:55.45		LN			PGAV	e P	01:44:06.75		HZ		
	e LQ	01:17:10.75		LN				e S	01:44:18.82		HN		
	e LR	01:20:45.95		LZ			POLO	e P	01:44:08.42		HZ		
	IAMs_20	01:26:40.85		LZ	12.26	18		e S	01:44:19.96		HE		
MESJ	e P	01:01:25.89		BZ				IAML	01:44:21.70		HZ	0.008	0.1
	IAMB	01:01:31.08		BZ	0.068	1.7	MVO	e P	01:44:08.65		HZ		
EVO	e P	01:01:30.50		BZ				e S	01:44:21.59		HE		
	IAMB	01:01:32.79		BZ	0.196	1.5		IAML	01:44:22.56		HZ	0.011	0.2
MORF	e P	01:01:30.38		BZ			PVRL	e S	01:44:21.45		EN		
PARRA	e P	01:01:31.43		BZ				IAML	01:44:22.35		EZ	0.016	0.2
	IAMB	01:01:32.80		BZ	0.077	1.9	PVIS	e Pn	01:44:18.49		HZ		
	e PP	01:03:33.37		BZ				e Sg	01:44:38.22		HE		
PFVI	e P	01:01:27.67		BZ			MTE	e Sg	01:44:45.56		HE		
PLOUS	e P	01:01:31.43		BZ			PCAS	e Sg	01:45:05.23		HE		
	IAMB	01:01:42.71		BZ	0.063	1.6	PMRV	e Sg	01:45:16.10		HE		
PTEO	e P	01:01:28.27		BZ			PMTG	e Pn	01:44:39.21		HZ		
MOE	e P	01:01:32.31		BZ				e Sg	01:45:30.97		HE		
	IAMB	01:01:33.80		BZ	0.063	1.9	PARRA	e Sg	01:45:37.80		HN		
GRNL	e P	01:01:28.25		BZ			04-Jan Ho 02:07:05.9						
	e PP	01:03:31.59		BZ			Lat 36.412°N Lon 08.841°W						
MVO	e P	01:01:28.29		BZ			Região: SE Cabo S.Vicente						
	e S	01:09:02.07		LE			AxMax 6.2 AxMin 4.7 Ang 92 ErrZ 4						
	e LQ	01:17:46.61		LE			Est	Fase	P h:m:s	Dur	Co	Amp	Per
	e LR	01:21:30.33		LZ			PFVI	e P	02:07:18.37		HZ		
	IAMs_20	01:24:50.06		LZ	8.639	22		e S	02:07:28.12		HN		
PMTG	e P	01:01:32.60		BZ				IAML	02:07:30.11		HZ	0.008	0.1
	IAMB	01:01:44.37		BZ	0.061	1.5	MORF	e P	02:07:21.56		HZ		
MTE	e P	01:01:29.75		BZ				e S	02:07:34.55		HE		
	e S	01:09:02.58		LE				IAML	02:07:34.93		HZ	0.008	0.2
	e LQ	01:17:15.56		LN			PMONC	e P	02:07:22.72		HZ		
	e LR	01:23:36.32		LZ				e S	02:07:35.30		H2		
	IAMs_20	01:28:02.23		LZ	7.821	16		IAML	02:07:36.91		HZ	0.019	0.1
PBRG	e P	01:01:27.41		BZ			PBDV	e S	02:07:40.58		HN		
PSARD	e P	01:01:30.61		BZ				IAML	02:07:42.15		HZ	0.003	0.1
PVIS	e P	01:01:31.49		BZ			PTEO	e P	02:07:25.94		HZ		
COI	e P	01:01:33.25		BZ				e S	02:07:40.46		HN		
PCAS	e P	01:01:37.03		BZ				IAML	02:07:42.00		HZ	0.009	0.5
	IAMB	01:01:47.57		BZ	0.104	1.9	PVAQ	e P	02:07:28.28		HZ		
POLO	e P	01:01:34.45		BZ				e S	02:07:45.71		H1		
	IAMB	01:01:39.50		BZ	0.061	1.9		IAML	02:07:48.66		HZ	0.003	0.1
PGAV	e P	01:01:37.94		BZ			PCVE	e S	02:07:47.13		HN		
	e S	01:09:25.00		LE			MESJ	e P	02:07:31.70		HZ		
	e LQ	01:13:33.48		LE				e S	02:07:50.68		HE		
	e LR	01:18:28.46		LZ			PLOUS	e Pn	02:07:34.09		HZ		
	IAMs_20	01:25:25.16		LZ	9.144	22		e Sg	02:07:56.71		HE		
PMPST	e P	01:02:02.33		BZ			GRNL	e Pn	02:07:33.67		CZ		
PMAR	e P	01:02:05.85		BZ				e Pg	02:07:36.50		CZ		
PMOZ	e P	01:02:08.17		BZ				e Sg	02:07:58.60		CE		
	e S	01:10:22.56		LE				IAML	02:08:00.07		CZ	0.003	0.2
	e LQ	01:21:18.29		LE			MOE	e Pg	02:07:42.27		HZ		
	e LR	01:27:26.32		LZ				e Sg	02:08:12.54		HN		
	IAMs_20	01:28:57.69		LZ	11.41	16	PBAR	e Sg	02:08:15.64		HN		

PARRA	e Pn	02:07:44.94	HZ		
	e Sn	02:08:13.58	HN		
	e Sg	02:08:22.29	HN		
PESTR	e Sg	02:08:27.76	HN		
PMTG	e Pn	02:07:47.82	HZ		
	e Sn	02:08:19.05	HN		
	e Sg	02:08:28.90	HN		
PMRV	e Pn	02:07:53.86	HZ		
	e Sn	02:08:30.88	HE		
	e Sg	02:08:47.38	HN		
PSARD	e Sn	02:08:30.88	HE		

04-Jan Ho 02:26:47.0 ML 0.8
Lat 36.665°N Lon 07.517°W Prof 19
Região: Golfo de Cádiz Rms 0.4
AxMax 4.6 AxMin 4.2 Ang 170 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	c 02:26:59.05		HZ		
	e S	02:27:08.90		HE		
PVAQ	e P	02:27:00.44		HZ		
	e S	02:27:11.01		H2		
	IAML	02:27:11.89		HZ	0.002	0.2
PCVE	e P	02:27:05.19		HZ		
	e S	02:27:18.36		HN		
MORF	e S	02:27:20.62		HE		
PFVI	e P	02:27:06.67		HZ		
	e S	02:27:21.41		HE		
MESJ	e P	02:27:08.60		HZ		
	e S	02:27:25.27		HN		
PTEO	e S	02:27:24.00		HN		
PLOUS	e Pn	02:27:12.51		HZ		
	e Sg	02:27:35.26		HN		
PBAR	e Pn	02:27:12.00		HZ		
	e Sg	02:27:35.26		HE		
GRNL	e Sn	02:27:32.91		CE		
PARRA	e Pn	02:27:20.86		HZ		
	e Sn	02:27:46.72		HN		
PMTG	e Sn	02:27:53.84		HE		
PMRV	e Pn	02:27:29.23		HZ		
	e Sn	02:28:00.95		HE		

04-Jan						
Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	c 02:33:07.68		HZ		
	e Sg	02:33:08.69		HN		

04-Jan Ho 03:25:14.8 ML 1.4
Lat 37.395°N Lon 09.075°W Prof 30
Região: NW Aljezur Rms 0.3
AxMax 3.9 AxMin 2.2 Ang 72 ErrZ 2

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PTEO	i Pg	c 03:25:22.36		HZ		
	e Sg	03:25:27.81		HE		
	IAML	03:25:28.74		HZ	0.010	0.3
PFVI	i Pg	d 03:25:22.11		HZ		
	e Sg	03:25:27.48		HN		
MORF	e Pg	03:25:22.63		HZ		
	e Sg	03:25:28.23		HN		
	IAML	03:25:28.51		HZ	0.059	0.1
PMONC	e Pg	03:25:23.81		HZ		
	e Sg	03:25:30.34		H2		
	IAML	03:25:32.10		HZ	0.057	0.1
MESJ	e P	03:25:28.96		HZ		
	e S	03:25:39.53		HE		
GRNL	e P	03:25:28.98		CZ		
	e S	03:25:39.73		CN		
	IAML	03:25:40.55		CZ	0.008	0.1
PLOUS	e P	c 03:25:28.87		HZ		
	e S	03:25:39.29		HE		
PCVE	e P	d 03:25:29.81		HZ		
	e S	03:25:40.37		HN		
	IAML	03:25:41.58		HZ	0.004	0.2
PBDV	e P	03:25:31.17		HZ		
	e S	03:25:42.66		HN		
	IAML	03:25:44.78		HZ	0.005	0.2
PVAQ	e P	03:25:32.98		HZ		
	e S	03:25:46.08		H1		
	IAML	03:25:51.54		HZ	0.005	0.1

PBEJ	e P	03:25:33.31	EZ		
MOE	e P	d 03:25:35.33	HZ		
	e S	03:25:50.31	HN		
EVO	e P	03:25:37.01	HZ		
	IAML	03:26:01.31	HZ	0.009	0.1
PARRA	e Pn	03:25:39.92	HZ		
	e Sn	03:25:58.87	HE		
PBAR	e Pn	03:25:42.21	HZ		
	e Sn	03:26:02.67	HN		
PMTG	e Pn	03:25:42.35	HZ		
	e Sn	03:26:03.22	HN		
PESTR	e Pn	03:25:43.14	HZ		
	e Sn	03:26:05.00	HE		
PSARD	e Pn	03:25:49.71	HZ		
	e Sn	03:26:15.43	HN		
PMRV	e Pn	03:25:50.88	HZ		
	e Sn	03:26:17.43	HN		
PCAS	e Sn	03:26:25.94	HE		

04-Jan Ho 04:09:07.1 ML 1.0
Lat 42.403°N Lon 07.231°W Prof 12
Região: E Ourense (ESP) Rms 0.3
AxMax 3.2 AxMin 1.6 Ang 94 ErrZ 6

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	04:09:17.97		HZ		
	e S	04:09:27.05		HE		
	IAML	04:09:27.18		HZ	0.003	0.2
PGAV	e P	04:09:23.21		HZ		
	e S	04:09:34.54		HN		
PCAB	e S	04:09:35.99		EN		
POLO	e S	04:09:42.24		HN		
MVO	e S	04:09:45.57		HE		
PVIS	e Sg	04:10:01.97		HE		

04-Jan Ho 06:03:39.0 Distante (NEIC) Mw 4.9
Lat 49.626°N Lon 28.430°W Prof 10
Região: Northern Mid-Atlantic Ridge

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	06:07:25.84		BZ		
	e LR	06:10:59.77		LZ		
	IAMs_20	06:12:14.98		LZ	0.933	18
	T -	06:22:46.65		HE		
POLO	e P	06:07:33.26		BZ		
PVIS	e P	06:07:35.66		BZ		
	T -	06:23:40.88		HE		
COI	e P	06:07:35.66		BZ		
PBRG	e P	06:07:35.68		BZ		
MVO	e P	06:07:39.50		BZ		
	e LR	06:11:33.00		LZ		
	IAMs_20	06:12:51.92		LZ	0.963	20
MTE	e P	06:07:40.96		BZ		
	e LR	06:11:39.49		LZ		
	IAMs_20	06:13:05.48		LZ	1.063	20
PSARD	e P	06:07:42.12		BZ		
PMTG	e P	06:07:45.62		BZ		
PMRV	e P	06:07:46.53		BZ		
	e LR	06:11:55.30		LZ		
	IAMs_20	06:13:26.53		LZ	1.113	20
	T -	06:24:58.01		HE		
PARRA	e P	06:07:46.53		BZ		
MOE	e P	06:07:49.76		BZ		
GRNL	e P	06:07:52.09		BZ		
PESTR	e P	06:07:58.54		BZ		
PLOUS	e P	06:07:52.67		BZ		
PTEO	e P	06:07:54.15		BZ		
MESJ	e P	06:07:56.77		BZ		
PMOZ	e LR	06:12:11.92		LZ		
	IAMs_20	06:13:24.33		LZ	0.400	20
PBEJ	e P	06:07:58.63		SZ		
PMPST	e P	06:07:58.27		BZ		
PFVI	e P	06:07:58.55		BZ		
	T -	06:26:13.32		HE		
PCVE	e P	06:08:00.00		BZ		
PBAR	e P	06:08:04.03		BZ		
PBDV	e P	06:08:02.98		BZ		
PVAQ	e P	06:08:05.33		BZ		
	e LR	06:12:39.48		LZ		
	IAMs_20	06:14:09.93		LZ	0.571	20

04-Jan	Ho	06:46:28.1			ML 1.5
	Lat	36.229°N	Lon	08.115°W	Prof 31
	Região:	SW Faro			Rms 0.4
	AxMax	5.1	AxMin	2.4	Ang 84
					ErrZ 9
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	06:46:45.10		HZ	
	e S	06:46:57.58		HE	
PFVI	e P	d 06:46:45.15		HZ	
	e S	06:46:58.05		HE	
MORF	e P	06:46:46.79		HZ	
	e S	06:47:01.52		HN	
	IAML	06:47:06.95		HZ	0.007 0.1
PVAQ	e P	06:46:47.44		HZ	
	e S	06:47:01.44		H2	
	IAML	06:47:08.34		HZ	0.005 0.2
PCVE	e P	06:46:50.08		HZ	
	e S	06:47:06.31		HE	
PTEO	e P	06:46:50.26		HZ	
	e S	06:47:06.39		HN	
MESJ	e P	06:46:53.20		HZ	
	e S	06:47:11.56		HE	
PBEJ	e S	06:47:16.76		EE	
	IAML	06:47:18.95		EZ	0.002 0.3
PLOUS	e P	06:46:55.29		HZ	
	e S	06:47:17.57		HE	
GRNL	e P	06:46:56.98		CZ	
	e S	06:47:18.22		CE	
PBAR	e P	06:47:00.02		HZ	
	e S	06:47:23.90		HN	
EVO	e P	06:47:02.35		HZ	
	e S	06:47:28.38		HZ	
	IAML	06:47:30.37		HZ	0.008 0.2
MOE	e P	06:47:02.40		HZ	
	e S	06:47:28.65		HN	
	IAML	06:47:29.56		HZ	0.003 0.1
PARRA	e P	c 06:47:06.05		HZ	
	e S	06:47:34.75		HE	
	IAML	06:47:37.39		HZ	0.002 0.4
PESTR	e P	06:47:08.38		HZ	
	e S	06:47:37.14		HE	
PMTG	e P	06:47:09.55		HZ	
	e S	06:47:41.08		HE	
	IAML	06:47:43.73		HZ	0.003 0.2
PMRV	e P	06:47:15.88		HZ	
	e S	06:47:51.30		HN	
PSARD	e P	06:47:16.96		HZ	
	e S	06:47:53.80		HN	

04-Jan	Ho	06:45:20.6			ML 0.8
	Lat	37.740°N	Lon	08.309°W	Prof 2*
	Região:	NW Ourique			Rms 0.3
	AxMax	2.0	AxMin	1.3	Ang 85
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
MESJ	i Pg	c 06:45:23.03		HZ	
	e Sg	06:45:24.91		HE	
	IAML	06:45:25.17		HZ	0.016 0.3
PCVE	e Pg	06:45:25.01		HZ	
	e Sg	06:45:27.87		HE	
	IAML	06:45:28.14		HZ	0.009 0.2
PLOUS	e Pg	06:45:25.86		HZ	
	e Sg	06:45:29.74		HN	
PTEO	e Sg	06:45:32.79		HE	
GRNL	e Pg	06:45:27.80		CZ	
	e Sg	06:45:33.63		CE	
	IAML	06:45:34.84		CZ	0.004 0.1
PBEJ	e Sg	06:45:34.86		EE	
	IAML	06:45:36.64		EZ	0.002 0.3
MORF	e Pg	06:45:30.15		HZ	
PVAQ	e Pg	06:45:31.01		HZ	
	e Sg	06:45:39.15		H2	
PBDV	e Pg	06:45:31.21		HZ	
	e Sg	06:45:38.79		HE	
PFVI	e P	06:45:34.71		HZ	
	e S	06:45:43.93		HE	

MOE	e P	06:45:34.83	HZ
	e S	06:45:46.44	HN
PARRA	e P	06:45:41.00	HZ
	e S	06:45:55.38	HN
PBAR	e P	06:45:41.07	HZ
	e S	06:45:55.42	HE
PESTR	e S	06:46:00.29	HE
PMTG	e P	06:45:44.28	HZ
	e S	06:46:03.29	HE

04-Jan	Ho	07:00:22.7	Distante (NEIC)		mb 4.7	
	Lat	09.122°N	Lon	40.012°E	Prof 10	
Região: Ethiopia						
Est	Fase	P h:m:s		Dur	Co	Amp Per
PVAQ	e LQ	07:28:38.66			L1	
	e LR	07:31:54.96			LZ	
	IAMs_20	07:33:49.72			LZ	0.295 18
PMRV	e LR	07:32:12.21			LZ	
	IAMs_20	07:34:55.60			LZ	0.266 18
MVO	e LR	07:31:51.39			LZ	
	IAMs_20	07:33:50.52			LZ	0.327 18
MTE	e LQ	07:27:56.82			LN	
	e LR	07:31:54.00			LZ	
	IAMs_20	07:34:51.69			LZ	0.240 18
PGAV	e LR	07:31:46.08			LZ	
	IAMs_20	07:34:04.93			LZ	0.294 20

04-Jan	Ho	07:26:24.7	Distante (NEIC)		mb 4.6	
	Lat	09.080°N	Lon	40.011°E	Prof 10	
	Região: Ethiopia					
Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e LR	07:56:10.93		LZ		
	IAMs_20	08:00:00.98		LZ	0.506	18
PMRV	e LR	07:56:07.40		LZ		
	IAMs_20	08:00:58.74		LZ	0.519	18
MVO	e LR	07:56:27.00		LZ		
	IAMs_20	07:59:22.18		LZ	0.454	20
MTE	e LQ	07:52:07.11		LN		
	e LR	07:55:55.32		LZ		
	IAMs_20	08:00:55.98		LZ	0.378	16
PGAV	e LR	07:56:56.92		LZ		
	IAMs_20	08:00:08.26		LZ	0.464	18
PMOZ	e LR	07:59:11.65		LZ		
	IAMs_20	08:03:04.00		LZ	0.481	16

04-Jan	Ho	07:37:45.5			ML 1.5
	Lat	36.380°N	Lon	11.100°W	Prof 34*
	Região:	Gorringe			Rms 0.4
	AxMax	6.5	AxMin	4.2	Ang 95
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	07:38:14.98		HZ	
	e S	07:38:36.78		HE	
GRNL	e P	07:38:25.71		CZ	
	e S	07:38:53.93		CE	
PBDV	e P	07:38:24.84		HZ	
	e S	07:38:55.61		HN	
MESJ	e S	07:38:56.74		HE	
PCVE	e P	07:38:25.71		HZ	
	e S	07:38:56.16		HN	
PVAQ	e P	07:38:28.32		HZ	
	e S	07:38:59.64		H2	
MOE	e S	07:39:04.77		HN	
PARRA	e P	07:38:34.86		HZ	
	e S	07:39:12.48		HN	
PMTG	e P	07:38:36.44		HZ	
	e S	07:39:14.62		HE	
PBAR	e P	07:38:40.65		HZ	
	e S	07:39:18.74		HE	
PESTR	e P	07:38:39.98		HZ	
	e S	07:39:19.66		HN	
PSARD	e P	07:38:41.90		HZ	
PMRV	e P	07:38:45.04		HZ	
	e S	07:39:31.10		HN	

04-Jan	Ho	22:48:57.9			ML 1.5		
	Lat	36.488°N	Lon	07.620°W	Prof	32	
	Região: Golfo de Cádiz				Rms	0.3	
	AxMax	3.3	AxMin	2.6	Ang	78	ErrZ 8
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBDV	e P	22:49:11.69		HZ			
	e S	22:49:21.64		HN			
PVAQ	e P	22:49:13.28		HZ			
	e S	22:49:24.47		H1			
	IAML	22:49:25.42		HZ	0.007	0.1	
PMONC	e S	22:49:29.30		H1			
	IAML	22:49:30.42		HZ	0.013	0.1	
MORF	e P	22:49:17.07		HZ			
	e S	22:49:30.99		HE			
PFVI	e P	22:49:16.79		HZ			
	e S	22:49:30.65		HN			
PCVE	e P	22:49:17.52		HZ			
	e S	22:49:31.48		HN			
	IAML	22:49:32.40		HZ	0.004	0.1	
PTEO	e P	22:49:19.82		HZ			
	e S	22:49:36.19		HE			
PBEJ	e S	22:49:39.91		EE			
PLOUS	e P	22:49:23.66		HZ			
	e S	22:49:42.66		HN			
PBAR	e P	22:49:24.66		HZ			
	e S	22:49:45.13		HN			
GRNL	e P	22:49:25.40		CZ			
	e S	22:49:45.33		CN			
MOE	e S	22:49:54.11		HE			
PARRA	e P	22:49:33.08		HZ			
	e S	22:49:59.73		HE			
PESTR	e S	22:49:59.04		HE			
PMTG	e P	22:49:37.05		HZ			
	e S	22:50:07.01		HE			
PSARD	e P	22:49:44.17		HZ			
	e S	22:50:18.96		HN			

04-Jan	Ho	23:03:57.2	Distante (NEIC)	mb 4.6			
	Lat	08.860°N	Lon	40.026°E	Prof	10	
	Região: Ethiopia						
<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 LQ	23:32:06.80		L1			
	e LR	23:34:07.16		LZ			
	IAMs_20	23:37:31.09		LZ	0.454	16	
PMRV	e LR	23:34:08.44		LZ			
	IAMs_20	23:38:34.55		LZ	0.395	16	
MTE	e LR	23:34:52.11		LZ			
	IAMs_20	23:38:22.20		LZ	0.360	16	
PGAV	e LR	23:35:51.46		LZ			
	IAMs_20	23:36:45.01		LZ	0.464	18	

04-Jan	Ho	23:27:17.2			ML 0.3		
	Lat	38.722°N	Lon	07.906°W	Prof	14	
	Região: E Arraiolos				Rms	0.2	
	AxMax	1.7	AxMin	1.0	Ang	116	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PARRA	e Pg	23:27:20.62		HZ			
	e Sg	23:27:23.41		HN			
	IAML	23:27:23.51		HZ	0.002	0.1	
EVO	i Pg	c 23:27:21.62		HZ			
PESTR	e Pg	23:27:22.95		HZ			
	e Sg	23:27:26.85		HN			
MOE	e Pg	23:27:24.74		HZ			
	e Sg	23:27:30.08		HN			
PMTG	e Pg	23:27:25.05		HZ			
	e Sg	23:27:31.21		HN			
PLOUS	e P	23:27:31.95		HZ			
GRNL	e P	23:27:31.91		CZ			
PMRV	e P	23:27:31.76		HZ			
	e S	23:27:42.88		HN			
PSARD	e S	23:27:45.62		HN			

05-Jan	Ho	00:41:17.4			ML 1.9		
	Lat	41.339°N	Lon	08.409°W	Prof	18	
	Região: E Santo Tirso				Rms	0.5	
	AxMax	6.6	AxMin	3.8	Ang	108	ErrZ 7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PTO	e Pg	00:41:22.59		EZ			
	e Sg	00:41:27.04		EN			
POLO	e Pg	00:41:26.19		HZ			
	e Sg	00:41:33.63		HN			
	IAML	00:41:34.33		HZ	0.018	0.3	
PCAB	e Pg	00:41:26.68		EZ			
	e Sg	00:41:33.58		EE			
	IAML	00:41:34.78		EZ	0.069	0.1	
PVRL	e Pg	00:41:26.71		EZ			
	e Sg	00:41:34.23		EE			
	IAML	00:41:35.43		EZ	0.065	0.1	
PGAV	e P	00:41:27.96		HZ			
	e S	00:41:37.00		HN			
	IAML	00:41:37.81		HZ	0.020	0.1	
PVIS	e P	00:41:29.41		HZ			
	e S	00:41:40.05		HN			
MVO	e S	00:41:49.28		HN			
MTE	e P	00:41:37.08		HZ			
	e S	00:41:52.66		HN			

05-Jan	Ho	02:27:43.9			ML 1.9		
	Lat	36.720°N	Lon	04.272°W	Prof	31	
	Região: SE Malaga (ESP)				Rms	0.5	
	AxMax	4.7	AxMin	4.5	Ang	77	ErrZ 8
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e Pn	02:28:23.70		HZ			
	e Sn	02:28:52.84		HE			
PVAQ	e Pn	02:28:27.04		HZ			
	e Sn	02:28:57.33		H2			
PESTR	e Pn	02:28:33.79		HZ			
PLOUS	e Pn	02:28:36.34		HZ			
	e Sn	02:29:14.90		HN			
PARRA	e Pn	02:28:37.30		HZ			
PMRV	e Pn	02:28:37.32		HZ			
PMTG	e Pn	02:28:40.64		HZ			
PSARD	e Pn	02:28:44.85		HZ			

05-Jan	Ho	07:53:04.36					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PARRA	e Pg	07:53:04.36		HZ			
	e Sg	07:53:06.07		HE			
	IAML	07:53:07.22		HZ	0.006	0.7	
EVO	e Pg	07:53:07.27		HZ			
	e Sg	07:53:11.04		HN			
	IAML	07:53:11.13		HZ	0.007	0.3	

05-Jan	Ho	11:06:19.9			ML 0.8		
	Lat	38.774°N	Lon	07.930°W	Prof	15	
	Região: NE Arraiolos				Rms	0.2	
	AxMax	1.5	AxMin	0.9	Ang	106	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PARRA	e Pg	c 11:06:22.84		HZ			
	e Sg	11:06:25.17		HN			
	IAML	11:06:25.33		HZ	0.007	0.1	
EVO	e Pg	11:06:25.04		HZ			
	e Sg	11:06:28.94		HN			
	IAML	11:06:29.60		HZ	0.041	0.1	
PESTR	e Pg	11:06:25.47		HZ			
	e Sg	11:06:29.83		HN			
	IAML	11:06:30.20		HZ	0.004	0.4	
PMTG	e Pg	11:06:26.88		HZ			
	e Sg	11:06:32.23		HE			
	IAML	11:06:32.87		HZ	0.003	0.2	
MOE	e Pg	11:06:27.53		HZ			
	e Sg	11:06:33.45		HN			
PBEJ	e S	11:06:43.60		EN			
PMRV	e P	11:06:34.13		HZ			
	e S	11:06:44.62		HN			
GRNL	e P	11:06:35.04		CZ			
	e S	11:06:45.99		CN			

PLOUS e P 11:06:35.41 HZ
e S 11:06:46.44 HN
PSARD e P 11:06:35.28 HZ
e S 11:06:46.53 HE
IAML 11:06:47.60 HZ 0.006 0.2

05-Jan Ho 12:03:59.5 ML 2.9
Lat 31.194°N Lon 08.098°W Prof 0
Região: Morocco Rms 0.3
AxMax 15.8 AxMin 2.7 Ang 9 ErrZ 21

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	12:05:28.82		HZ		
PVAQ	e P	12:05:31.25		HZ		
	e S	12:06:41.45		H2		
	IAML	12:06:49.24		HZ	0.007	0.5
PCVE	e P	12:05:34.43		HZ		
	e S	12:06:45.50		HE		
MESJ	e P	12:05:37.86		HZ		
	e S	12:06:51.32		HN		
PLOUS	e P	12:05:40.35		HZ		
	e S	12:06:55.82		HN		
GRNL	e P	12:05:41.34		CZ		
PBAR	e P	12:05:42.58		HZ		
	e S	12:06:59.65		HE		
MOE	e P	12:05:47.15		HZ		
PARRA	e P	12:05:50.45		HZ		
PMTG	e P	12:05:54.35		HZ		
PSARD	e P	12:06:02.60		HZ		

05-Jan Ho 12:04:00.2 ML 2.8
Lat 31.116°N Lon 08.095°W Prof 12
Região: Morocco Rms 0.4
AxMax 4.5 AxMin 4.1 Ang 149 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	12:05:27.95		HZ		
PBDV	e P	12:05:29.75		HZ		
	e S	12:06:37.02		HE		
PVAQ	e P	12:05:31.51		HZ		
	e S	12:06:39.87		H2		
	IAML	12:06:49.23		HZ	0.007	0.5
PTEO	e P	12:05:33.70		HZ		
PCVE	e P	12:05:34.85		HZ		
	e S	12:06:44.33		HE		
MESJ	e P	12:05:37.95		HZ		
	e S	12:06:51.66		HN		
PBEJ	e S	12:06:55.96		EN		
PLOUS	e P	12:05:40.30		HZ		
	e S	12:06:56.08		HE		
	IAML	12:07:07.69		HZ	0.004	0.4
GRNL	e P	12:05:41.45		CZ		
	e S	12:06:58.42		CN		
	IAML	12:07:16.51		CZ	0.006	0.7
PBAR	e P	12:05:42.63		HZ		
	e S	12:06:59.52		HE		
	IAML	12:07:09.12		HZ	0.002	0.3
EVO	e P	12:05:46.93		HZ		
MOE	e P	12:05:47.09		HZ		
	e S	12:07:06.96		HN		
	IAML	12:07:13.00		HZ	0.006	0.9
PARRA	e P	12:05:50.88		HZ		
	e S	12:07:13.39		HE		
	IAML	12:07:23.61		HZ	0.002	1.1
PESTR	e S	12:07:15.09		HN		
PMAFR	e P	12:05:53.74		HZ		
	e S	12:07:18.03		HN		
PMTG	e P	12:05:54.26		HZ		
	e S	12:07:19.50		HE		
PSARD	e P	12:06:01.99		HZ		

05-Jan Ho 13:19:56.8 ML 3.1
Lat 31.164°N Lon 08.112°W Prof 3*
Região: Morocco Rms 0.3
AxMax 2.9 AxMin 2.0 Ang 45 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	13:21:25.29		HZ		
	e S	13:22:31.46		HE		
PBDV	e P	13:21:26.19		HZ		
	e S	13:22:34.95		HE		
	IAML	13:22:53.69		HZ	0.010	1.1
MORF	e P	13:21:27.45		HZ		
	e S	13:22:34.70		HN		
	IAML	13:22:37.29		HZ	0.013	0.1
PVAQ	e P	13:21:28.40		HZ		
	e S	13:22:36.70		H2		
	IAML	13:22:41.99		HZ	0.010	0.2
PTEO	e P	13:21:31.26		HZ		
	e S	13:22:41.70		HN		
	IAML	13:22:54.37		HZ	0.014	0.6
PCVE	e P	13:21:32.02		HZ		
	e S	13:22:43.46		HN		
MESJ	e P	13:21:35.03		HZ		
	e S	13:22:48.45		HE		
	IAML	13:22:50.08		HZ	0.008	0.6
PBEJ	e S	13:22:53.05		EE		
PLOUS	e P	13:21:37.75		HZ		
	e S	13:22:53.50		HN		
	IAML	13:23:05.07		HZ	0.006	0.4
GRNL	e P	13:21:38.74		CZ		
	e S	13:22:53.83		CN		
	IAML	13:23:02.07		CZ	0.007	0.3
PBAR	e P	13:21:39.80		HZ		
	e S	13:22:57.42		HN		
	IAML	13:23:01.16		HZ	0.006	0.4
EVO	e P	13:21:44.26		HZ		
	e S	13:23:04.31		HN		
	IAML	13:23:04.92		HZ	0.019	0.7
MOE	e P	13:21:44.29		HZ		
	e S	13:23:05.03		HE		
	IAML	13:23:09.00		HZ	0.006	0.3
PARRA	e P	13:21:47.58		HZ		
	e S	13:23:10.59		HE		
	IAML	13:23:13.07		HZ	0.004	0.6
PESTR	e P	13:21:48.74		HZ		
	e S	13:23:11.61		HE		
	IAML	13:23:26.90		HZ	0.004	0.6
PMAFR	e P	13:21:50.12		HZ		
	e S	13:23:15.50		HE		
PMTG	e P	13:21:51.35		HZ		
	e S	13:23:15.99		HE		
	IAML	13:23:22.44		HZ	0.006	0.8
PMRV	e P	13:21:56.31		HZ		
	e S	13:23:26.14		HN		
	IAML	13:23:38.18		HZ	0.003	0.9
PSARD	e P	13:21:59.10		HZ		
	e S	13:23:29.05		HN		
	IAML	13:23:38.14		HZ	0.005	0.2

05-Jan Ho 15:43:00.3 ML 0.5
Lat 38.552°N Lon 08.064°W Prof 34
Região: W Evora Rms 0.1
AxMax 3.5 AxMin 2.2 Ang 82 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Pg	15:43:05.69		HZ		
	e Sg	15:43:09.60		HN		
PARRA	e Pg	15:43:07.19		HZ		
	e Sg	15:43:12.39		HE		
PESTR	e Pg	15:43:09.91		HZ		
	e Sg	15:43:17.33		HN		

05-Jan Ho 16:42:02.2 ML 2.5							05-Jan Ho 17:18:45.8 Distante (NEIC) Mw 6.2							
Lat 36.323°N Lon 09.916°W Prof 31			Região: SW Cabo S.Vicente Rms 0.4				Lat 13.001°N Lon 89.178°W Prof 46			Região: El Salvador				
AxMax	5.4	AxMin	3.2	Ang	73	ErrZ	9	Est	Fase	P h:m:s	Dur	Co	Amp	Per
Est	Fase	P h:m:s	Dur	Co	Amp	Per		Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	16:42:21.23		HZ				PMOZ	e P	17:29:38.98		BZ		
	e S	16:42:35.47		HN					e S	17:38:38.06		LE		
	IAML	16:42:36.86		HZ	0.047	0.4			e LQ	17:46:54.95		LN		
MORF	e P	16:42:24.35		HZ					e LR	17:50:28.84		LZ		
	e S	16:42:41.14		HE					IAMs_20	17:53:21.48		LZ	8.693	24
	IAML	16:42:41.54		HZ	0.052	0.1		PMAFR	e P	17:30:08.50		BZ		
PTEO	e P	16:42:26.16		HZ				PTO	e P	17:30:16.98		SZ		
	e S	16:42:44.36		HN				PFVI	e P	17:30:19.98		BZ		
	IAML	16:42:45.13		HZ	0.042	0.1			i -	17:31:05.54		BZ		
PBDV	e P	16:42:30.50		HZ				PCAS	e P	17:30:20.11		BZ		
	e S	16:42:51.13		HN					e pP	17:30:37.46		BZ		
	IAML	16:42:52.82		HZ	0.017	0.2		PTEO	e P	17:30:16.76		BZ		
PCVE	e P	16:42:32.56		HZ					e pP	17:30:38.89		BZ		
	e S	16:42:55.06		HE				PGAV	e P	17:30:19.17		BZ		
	IAML	16:42:56.27		HZ	0.013	0.2			e pP	17:30:38.15		BZ		
MESJ	e P	16:42:32.79		HZ					e -	17:37:48.87		LE		
	e S	16:42:55.73		HE					e LQ	17:50:12.02		LN		
	IAML	16:42:57.97		HZ	0.017	0.1			e LR	17:53:18.61		LZ		
PVAQ	e P	16:42:33.47		HZ					IAMs_20	17:57:06.18		LZ	10.36	22
	e S	16:42:56.33		H2				COI	e pP	17:30:38.78		BZ		
	IAML	16:42:57.66		HZ	0.034	0.7		GRNL	e P	17:30:18.91		BZ		
GRNL	e P	16:42:33.30		CZ					e pP	17:30:38.29		BZ		
	e S	16:42:56.89		CN				MORF	e P	17:30:23.73		BZ		
	IAML	16:42:58.23		CZ	0.021	0.2			e pP	17:30:39.85		BZ		
PLOUS	e P	16:42:33.12		HZ					e P	17:30:15.27		BZ		
	e S	16:42:56.32		HE				PLOUS	e pP	17:30:38.12		BZ		
	IAML	16:42:58.38		HZ	0.018	0.3		MOE	e P	17:30:21.51		BZ		
PBEJ	e P	16:42:37.22		EZ					e PcP	17:30:34.93		BZ		
	e S	16:43:03.40		EE				PMTG	e P	17:30:22.10		BZ		
	IAML	16:43:04.19		EZ	0.008	0.1			e pP	17:30:38.71		BZ		
MOE	e P	16:42:39.60		HZ				PSARD	e P	17:30:22.00		BZ		
	e S	16:43:07.50		HN					e pP	17:30:39.46		BZ		
	IAML	16:43:09.76		HZ	0.012	0.2		MESJ	e P	17:30:23.65		BZ		
EVO	e P	16:42:41.28		HZ					e pP	17:30:40.74		BZ		
	e S	16:43:10.78		HN				PVIS	e P	17:30:24.16		BZ		
	IAML	16:43:12.44		HZ	0.064	0.1			e pP	17:30:38.94		BZ		
PMAFR	e P	16:42:41.60		HZ				POLO	e pP	17:30:39.89		BZ		
	e S	16:43:11.48		HN				PARRA	e P	17:30:21.64		BZ		
	IAML	16:43:13.86		HZ	0.042	0.5			e pP	17:30:39.41		BZ		
PARRA	e P	16:42:44.23		HZ				EVO	e P	17:30:21.80		BZ		
	e S	16:43:16.40		HE					e pP	17:30:40.05		BZ		
	IAML	16:43:17.64		HZ	0.010	0.2		PVRL	e pP	17:30:40.35		SZ		
PBAR	e P	16:42:45.33		HZ				PCVE	e P	17:30:17.04		BZ		
	e S	16:43:17.76		HN				PBEJ	e pP	17:30:41.27		SZ		
	IAML	16:43:20.69		HZ	0.008	0.4		PBDV	e pP	17:30:38.70		BZ		
PMTG	e P	16:42:46.66		HZ				MTE	e pP	17:30:41.67		BZ		
	e S	16:43:19.74		HE					e S	17:40:00.05		LE		
	IAML	16:43:21.07		HZ	0.011	0.1			e LR	17:53:47.81		LZ		
PESTR	e P	16:42:46.56		HZ					IAMs_20	17:57:37.20		LZ	10.00	22
	e S	16:43:22.00		HN				PESTR	e P	17:30:25.51		BZ		
	IAML	16:43:24.18		HZ	0.008	0.2			e pP	17:30:40.82		BZ		
PSARD	e P	16:42:53.46		HZ				PVAQ	e pP	17:30:43.83		BZ		
	e S	16:43:32.16		HN					e S	17:39:58.84		L2		
	IAML	16:43:34.67		HZ	0.020	0.2			e LR	17:53:46.24		LZ		
PMRV	e P	16:42:55.18		HZ					IAMs_20	17:58:25.85		LZ	10.31	20
	e S	16:43:34.90		HE				PMRV	e P	17:30:24.23		BZ		
	IAML	16:43:36.74		HZ	0.010	0.8			IAMB	17:30:26.81		BZ	0.074	1.6
PCAS	e P	16:42:58.05		HZ					e pP	17:30:41.75		BZ		
	e S	16:43:39.57		HN					e S	17:39:57.82		LE		
	IAML	16:43:43.54		HZ	0.006	0.5			e LR	17:53:42.29		LZ		
PCBR	e P	16:42:59.98		EN					IAMs_20	17:57:26.20		LZ	10.42	22
PVIS	e P	16:43:08.60		HZ				MVO	e pP	17:30:43.55		BZ		
	e S	16:43:59.16		HE					e S	17:40:00.33		LE		
	IAML	16:44:11.95		EN					e SS	17:44:32.44		LE		
PVRL	e S	16:44:14.70		EZ	0.006	0.4			e LR	17:54:02.03		LZ		
	IAML	16:44:14.70		EZ					IAMs_20	17:58:57.03		LZ	6.641	20
POLO	e P	16:43:17.73		HZ				PBRG	e pP	17:30:44.36		BZ		
	e S	16:44:15.07		HE				PBAR	e P	17:30:27.13		BZ		
									e pP	17:30:44.68		BZ		

05-Jan	Ho	19:58:23.7			ML 1.9	
	Lat	36.437°N	Lon	09.882°W	Prof	31
	Região: SW Cabo S.Vicente				Rms	0.4
	AxMax	8.5	AxMin	4.8	Ang	78
					ErrZ	12
<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	19:58:41.29		HZ		
	e S	19:58:54.17		HE		
	IAML	19:58:55.19		HZ	0.008	0.2
MORF	e P	19:58:44.44		HZ		
	IAML	19:59:00.10		HZ	0.009	0.7
	e S	19:59:00.37		HE		
PMONC	e P	19:58:45.46		HZ		
	e S	19:59:01.87		H2		
	IAML	19:59:03.00		HZ	0.031	0.4
PTEO	e P	19:58:46.54		HZ		
	e S	19:59:03.21		HE		
	IAML	19:59:03.93		HZ	0.006	0.1
PBDV	e P	19:58:50.73		HZ		
	e S	19:59:10.68		HN		
PCVE	e P	19:58:52.71		HZ		
	e S	19:59:15.05		HE		
MESJ	e P	19:58:52.81		HZ		
	e S	19:59:14.94		HE		
	IAML	19:59:20.99		HZ	0.004	0.6
GRNL	e P	19:58:53.23		CZ		
	e S	19:59:15.43		CN		
	IAML	19:59:18.86		CZ	0.005	0.2
PLOUS	e P	19:58:52.99		HZ		
	e S	19:59:15.37		HE		
	IAML	19:59:18.01		HZ	0.004	0.1
PVAQ	e P	19:58:53.72		HZ		
	e S	19:59:16.05		H2		
PBEJ	e S	19:59:22.83		EE		
MOE	e P	19:58:59.82		HZ		
	e S	19:59:26.93		HN		
PMAFR	e S	19:59:30.94		HN		
	IAML	19:59:31.78		HZ	0.017	0.2
EVO	e P	19:59:01.22		HZ		
	e S	19:59:29.78		HN		
	IAML	19:59:30.51		HZ	0.017	0.1
PARRA	e P	19:59:04.86		HZ		
	e S	19:59:34.98		HN		
	IAML	19:59:37.60		HZ	0.003	0.7
PBAR	e P	19:59:05.45		HZ		
	e S	19:59:36.97		HE		
PMTG	e P	19:59:06.78		HZ		
	e S	19:59:38.43		HE		
	IAML	19:59:42.01		HZ	0.003	0.4
PESTR	e P	19:59:07.75		HZ		
	e S	19:59:40.99		HN		
PSARD	e P	19:59:13.47		HZ		
	e S	19:59:50.50		HN		
	IAML	19:59:53.58		HZ	0.006	0.3
PMRV	e P	19:59:15.88		HZ		
	e S	19:59:53.69		HN		
	IAML	19:59:55.07		HZ	0.003	0.6

05-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PBDV	e S	20:22:34.79		HE		
	PVAQ	e S	20:22:36.17		H2		
	PCVE	e S	20:22:44.99		HN		
	PARRA	e S	20:23:12.52		HN		

05-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PVAQ	e P	20:22:30.53		HZ		
		e S	20:22:36.43		H2		
	PBDV	e S	20:22:34.81		HE		
	PCVE	e S	20:22:45.01		HN		

05-Jan	Ho	20:31:33.7			ML 1.8	
	Lat	36.718°N	Lon	07.432°W	Prof	21
	Região: Golfo de Cádiz				Rms	0.4
	AxMax	4.6	AxMin	4.1	Ang	55
					ErrZ	3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	20:31:46.11		HZ		
	e S	20:31:55.21		HE		
	IAML	20:31:56.74		HZ	0.019	0.1
PVAQ	e P	20:31:46.99		HZ		
	e S	20:31:56.76		H1		
	IAML	20:31:57.25		HZ	0.025	0.4
PCVE	e P	20:31:51.59		HZ		
	e S	20:32:05.21		HE		
	IAML	20:32:05.36		HZ	0.015	0.3
MORF	e P	20:31:51.89		HZ		
	e S	20:32:06.94		HE		
	IAML	20:32:07.71		HZ	0.014	0.2
PFVI	e P	20:31:54.49		HZ		
	e S	20:32:07.92		HE		
MESJ	e P	20:31:55.00		HZ		
	e S	20:32:10.40		HE		
	IAML	20:32:13.41		HZ	0.005	0.1
PTEO	e P	20:31:55.58		HZ		
	e S	20:32:11.93		HE		
PBEJ	e P	20:31:55.88		EZ		
	e S	20:32:12.41		EE		
	IAML	20:32:17.25		EZ	0.005	0.6
PBAR	e P	20:31:57.55		HZ		
	e S	20:32:15.67		HN		
	IAML	20:32:27.81		HZ	0.004	0.6
PLOUS	e P	20:31:58.47		HZ		
	e S	20:32:16.62		HN		
	IAML	20:32:26.73		HZ	0.004	1.0
GRNL	e P	20:32:00.41		CZ		
	e S	20:32:20.34		CE		
	IAML	20:32:29.32		CZ	0.007	0.8
EVO	e S	20:32:24.25		HN		
	IAML	20:32:28.17		HZ	0.013	0.5
MOE	e P	20:32:04.56		HZ		
	e S	20:32:27.46		HN		
PARRA	e P	20:32:06.87		HZ		
	e S	20:32:32.30		HN		
	IAML	20:32:32.57		HZ	0.003	0.2
PESTR	e P	20:32:06.58		HZ		
	e S	20:32:31.09		HN		
PMTG	e P	20:32:10.73		HZ		
	e S	20:32:38.88		HE		
PMRV	e P	20:32:14.47		HZ		
	e S	20:32:45.54		HE		
PSARD	e P	20:32:17.97		HZ		
	e S	20:32:51.22		HE		
	IAML	20:32:52.25		HZ	0.010	0.2
PCBR	e S	20:32:55.71		EE		

05-Jan	Ho	20:38:43.7			ML 1.2	
	Lat	32.469°N	Lon	17.051°W	Prof	0
	Região: SW Câmara de Lobos (Mdra)				Rms	0.1
	AxMax	4.6	AxMin	2.3	Ang	11
					ErrZ	5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
FUL	e S	20:38:50.59		EE		
PMAR	e P	20:38:48.66		HZ		
	e S	20:38:52.33		H2		
PMOZ	e P	20:38:49.97		HZ		
	e S	20:38:55.18		HN		
PMPST	e P	20:38:57.10		HZ		
	e S	20:39:06.79		HE		

05-Jan	Ho	23:17:15.3			ML 1.0	
	Lat	36.761°N	Lon	09.064°W	Prof	33
	Região: SW Cabo S.Vicente				Rms	0.4
	AxMax	6.2	AxMin	4.6	Ang	53
					ErrZ	11
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	23:17:23.71		HZ		
	e S	23:17:30.43		HE		
MORF	e S	23:17:35.41		HE		
	IAML	23:17:35.58		HZ	0.004	0.1

PTEO	e P	23:17:29.29	HZ			
	e S	23:17:40.24	HN			
PBDV	e S	23:17:44.82	HN			
PCVE	e S	23:17:49.08	HE			
PVAQ	e S	23:17:50.01	H2			
PLOUS	e P	23:17:37.16	HZ			
	e S	23:17:53.66	HN			
GRNL	e S	23:17:53.89	CE			
PBAR	e P	23:17:48.00	HZ			
	e S	23:18:12.22	HN			
PARRA	e P	23:17:47.71	HZ			
	e S	23:18:12.89	HN			

05-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	23:20:26.72		HZ		
	e Sg	23:20:28.43		HE		

05-Jan	Ho	23:20:54.8	ML 1.4
	Lat	36.584°N	Lon 07.230°W
	Região:	Golfo de Cádiz	Prof 15
	AxMax	9.8	AxMin 5.6
	Ang	75	ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	23:21:10.44		HZ		
	e S	23:21:22.20		HE		
PVAQ	e P	23:21:11.32		HZ		
	IAML	23:21:20.44		HZ	0.004	0.8
	e S	23:21:23.62		H2		
PCVE	e P	23:21:15.32		HZ		
	e S	23:21:31.79		HE		
PBAR	e S	23:21:42.26		HE		
PARRA	e P	23:21:31.04		HZ		
	e S	23:21:57.84		HN		

06-Jan	Ho	00:01:19.2	Distante (NEIC)	mb 4.5
	Lat	09.243°N	Lon 40.116°E	Prof 10
	Região:	Ethiopia		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e LR	00:26:25.46		LZ		
	IAMs_20	00:34:57.55		LZ	1.113	16
PMRV	e LR	00:27:07.53		LZ		
	IAMs_20	00:35:54.19		LZ	1.079	18
MVO	e LR	00:27:00.70		LZ		
	IAMs_20	00:36:18.95		LZ	1.109	16
MTE	e LR	00:26:42.94		LZ		
	IAMs_20	00:35:50.75		LZ	0.842	18
PGAV	e LR	00:27:35.83		LZ		
	IAMs_20	00:35:24.56		LZ	0.982	20
PMOZ	e LR	00:29:24.30		LZ		
	IAMs_20	00:37:51.64		LZ	1.053	16

06-Jan	Ho	00:52:11.0	Distante (NEIC)	Mw 5.2
	Lat	10.710°S	Lon 162.040°E	Prof 102
	Região:	Solomon Islands		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e PKPbc	01:11:42.66		BZ		
PGAV	e LR	02:05:06.35		LZ		
	IAMs_20	02:07:23.14		LZ	0.207	20
MVO	e PKPbc	01:11:46.44		BZ		
	e -	01:12:08.62		BZ		
	e LR	02:04:53.72		LZ		
	IAMs_20	02:08:19.29		LZ	0.252	16
POLO	e PKPab	01:11:47.53		BZ		
	e -	01:12:09.41		BZ		
PVIS	e PKPbc	01:11:48.09		BZ		
	e -	01:12:10.41		BZ		
MTE	e PKPbc	01:11:48.84		BZ		
	e LR	02:05:15.56		LZ		
	IAMs_20	02:07:48.60		LZ	0.188	18
PCAS	e PKPbc	01:11:49.73		BZ		
PMRV	e PKPbc	01:11:50.77		BZ		
	e -	01:12:12.72		BZ		
	e LR	02:05:48.25		LZ		
	IAMs_20	02:07:53.57		LZ	0.262	16
PSARD	e PKPbc	01:11:50.94		BZ		
	e -	01:12:12.25		BZ		

PMTG	e PKPbc	01:11:51.65	BZ			
	e -	01:12:14.00	BZ			
PESTR	e PKPbc	01:11:51.78	BZ			
	e -	01:12:13.43	BZ			
PARRA	e PKPbc	01:11:52.13	BZ			
	e PKPab	01:11:58.98	BZ			
	e -	01:12:13.58	BZ			
EVO	e PKPbc	01:11:53.08	BZ			
	e -	01:12:14.64	BZ			
PBAR	e PKPbc	01:11:53.19	BZ			
MOE	e PKPbc	01:11:53.29	BZ			
	e -	01:12:15.17	BZ			
PBEJ	e PKPbc	01:11:54.26	SZ			
	e -	01:12:17.18	SZ			
GRNL	e PKPbc	01:11:54.91	BZ			
	e -	01:12:16.59	BZ			
PLOUS	e PKPbc	01:11:54.98	BZ			
PCVE	e PKPbc	01:11:55.62	BZ			
PVAQ	e PKPab	01:12:04.58	BZ			
	e LR	02:04:41.08	LZ			
	IAMs_20	02:06:55.49	LZ	0.238	18	
PMOZ	e LR	02:08:18.73	LZ			
	IAMs_20	02:09:50.70	LZ	0.223	16	

06-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	02:19:41.65		HZ		
	e Sg	02:19:43.44		HE		
	IAML	02:19:43.59		HZ	0.002	0.3

06-Jan	Ho	02:39:51.1	ML 1.8
	Lat	36.687°N	Lon 10.971°W
	Região:	Gorringe	Prof 10*
	AxMax	8.6	AxMin 5.0
	Ang	93	ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	02:40:19.41		HZ		
	e S	02:40:41.04		HN		
PTEO	e S	02:40:46.29		HE		
GRNL	e P	02:40:28.63		CZ		
	e S	02:40:55.95		CN		
PLOUS	e P	02:40:29.06		HZ		
	e S	02:40:56.67		HE		
MESJ	e S	02:40:58.67		HE		
PBDV	e S	02:40:59.71		HN		
PCVE	e S	02:40:59.17		HE		
PVAQ	e P	02:40:32.92		HZ		
	e S	02:41:04.04		H2		
MOE	e S	02:41:06.60		HE		
PBEJ	e S	02:41:07.24		EE		
EVO	e S	02:41:11.11		HN		
PARRA	e P	02:40:38.48		HZ		
	e S	02:41:14.16		HE		
PMTG	e P	02:40:38.83		HZ		
	e S	02:41:15.46		HN		
PESTR	e S	02:41:22.16		HN		
PBAR	e S	02:41:21.80		HN		
PSARD	e S	02:41:27.07		HN		
PMRV	e S	02:41:33.91		HN		

06-Jan	Ho	04:04:46.4	ML 1.4
	Lat	39.249°N	Lon 09.084°W
	Região:	NE Cadaval	Prof 17
	AxMax	4.0	AxMin 1.8
	Ang	95	ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
AML05	e Pg	04:04:49.61		HZ		
	e Sg	04:04:52.58		H1		
	IAML	04:04:52.85		HZ	0.017	0.3
PCDRA	e Pg	04:04:50.26		HZ		
	e Sg	04:04:53.71		HE		
PBEN	e Pg	04:04:53.39		HZ		
	e Sg	04:04:59.80		H1		
AML03	e Pg	04:04:53.39		HZ		
	e Sg	04:04:58.75		H2		
AML04	e Pg	04:04:56.33		HZ		
	e Sg	04:05:04.21		HN		
AML01	e Pg	04:04:55.73		HZ		
	e Sg	04:05:03.11		H2		
	IAML	04:05:04.63		HZ	0.021	0.6

PMTG	e P	04:04:58.85	HZ					MTE	e P	09:52:58.85	BZ					
	e S	04:05:08.52	HN						IAmb	09:53:09.77	BZ	0.098	1.5			
	IAML	04:05:08.99	HZ	0.009	0.3			PESTR	e P	09:53:01.00	BZ					
PSARD	e P	04:05:00.82	HZ					PVIS	e P	09:53:03.26	BZ					
	e S	04:05:11.78	HE					PVAQ	e P	09:53:06.04	BZ					
	IAML	04:05:12.23	HZ	0.027	0.2				IAmb	09:53:09.14	BZ	0.087	1.5			
MOE	e P	04:05:02.57	HZ					PBEJ	e P	09:53:05.66	SZ					
	e S	04:05:15.18	HN					PARRA	e P	09:53:04.94	BZ					
	IAML	04:05:15.68	HZ	0.008	0.3			PGAV	e P	09:53:06.17	BZ					
PARRA	e P	04:05:02.17	HZ					PBDV	e P	09:53:08.38	BZ					
	e S	04:05:15.44	HE						IAmb	09:53:20.54	BZ	0.157	1.7			
	IAML	04:05:16.27	HZ	0.003	0.2			PMTG	e P	09:53:08.20	BZ					
PCAS	e P	04:05:02.69	HZ					<hr/>								
	e S	04:05:15.66	HE					06-Jan	Ho	11:06:22.3				ML 1.4		
	IAML	04:05:17.87	HZ	0.004	0.2				Lat	41.376°N		Lon	06.862°W	Prof	12	
COI	e S	04:05:21.03	HE						Região: NE Alfândega da Fé					Rms	0.4	
EVO	e P	04:05:05.57	HZ						AxMax	3.7	AxMin	2.4	Ang	88	ErrZ	9
	e S	04:05:21.01	HN					Est	Fase	P h:m:s	Dur	Co		Amp	Per	
	IAML	04:05:21.85	HZ	0.008	0.1			MVO	e Pg	c 11:06:26.94		HZ				
GRNL	e P	04:05:07.36	CZ						e Sg	11:06:30.48		HE				
	e S	04:05:22.56	CE						IAML	11:06:30.81		HZ	0.073	0.3		
PESTR	e P	04:05:08.14	HZ					PBRG	e Pg	11:06:28.23		HZ				
	e S	04:05:23.75	HN						e Sg	11:06:33.61		HE				
	IAML	04:05:25.07	HZ	0.004	0.7				IAML	11:06:34.56		HZ	0.010	0.1		
PLOUS	e P	04:05:08.83	HZ					PVRL	e Pg	11:06:33.82		EZ				
	e S	04:05:25.78	HE						e Sg	11:06:42.15		EN				
PMRV	e P	04:05:09.51	HZ						IAML	11:06:44.69		EZ	0.015	0.4		
	e S	04:05:26.15	HE					POLO	e P	11:06:35.58		HZ				
	IAML	04:05:28.20	HZ	0.004	0.2				e S	11:06:44.62		HE				
PBEJ	e Sg	04:05:34.76	EE						IAML	11:06:46.86		HZ	0.005	0.1		
MESJ	e Pn	04:05:11.99	HZ					PCAB	e P	11:06:40.81		EZ				
	e Pg	04:05:14.80	HZ						e S	11:06:52.24		EE				
	e Sg	04:05:33.84	HN						IAML	11:06:54.05		EZ	0.011	0.3		
PTEO	e Sg	04:05:38.44	HE					PVIS	e P	11:06:40.82		HZ				
PCVE	e Sg	04:05:41.23	HE						e S	11:06:53.96		HN				
PBAR	e Pn	04:05:16.43	HZ					MTE	e S	11:06:57.21		HE				
	e Sg	04:05:46.23	HN					PGAV	e P	11:06:44.33		HZ				
PVAQ	e Pn	04:05:19.83	HZ													

GRNL e P 15:45:33.48 CZ
PBAR e S 15:45:45.77 HE
PSARD e S 15:45:47.31 HN

06-Jan Ho 16:59:50.0 Distante (NEIC) Mw 5.2
Lat 28.159°N Lon 52.392°E Prof 10
Região: Southern Iran

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	17:08:42.11		BZ		
MVO	e P	17:08:42.99		BZ		
	IAMB	17:08:49.13		BZ	0.054	0.8
	e LR	17:31:16.15		LZ		
	IAMS_20	17:47:58.16		LZ	0.769	16
PBAR	e P	17:08:44.95		BZ		
	IAMB	17:08:49.54		BZ	0.089	1.6
PMRV	e P	17:08:48.72		BZ		
	IAMB	17:08:56.72		BZ	0.074	2.0
	e LR	17:31:40.39		LZ		
	IAMS_20	17:51:37.47		LZ	0.663	16
MTE	e LR	17:31:47.12		LZ		
	IAMS_20	17:48:37.95		LZ	0.815	18
PVRL	e P	17:08:47.93		SZ		
	IAMB	17:08:57.84		SZ	0.083	1.9
POLO	e P	17:08:49.09		BZ		
PESTR	e P	17:08:47.36		BZ		
	IAMB	17:08:51.41		BZ	0.057	1.2
PVIS	e P	17:08:48.93		BZ		
PGAV	e P	17:08:49.51		BZ		
	IAMB	17:08:52.32		BZ	0.115	1.8
	e LR	17:32:24.83		LZ		
	IAMS_20	17:48:20.67		LZ	0.485	18
PVAQ	e P	17:08:49.94		BZ		
	e LR	17:30:56.20		LZ		
	IAMS_20	17:50:04.43		LZ	0.847	20
PBEJ	e P	17:08:50.38		SZ		
	IAMB	17:08:54.64		SZ	0.041	1.4
PARRA	e P	17:08:53.71		BZ		
PSARD	e P	17:08:51.99		BZ		
	IAMB	17:08:54.74		BZ	0.072	1.0
EVO	e P	17:08:54.11		BZ		
PMTG	e P	17:08:55.05		BZ		
COI	e P	17:08:54.51		BZ		
PBDV	e P	17:08:54.47		BZ		
PCVE	e P	17:08:54.36		BZ		
PCAS	e P	17:08:55.95		BZ		
MESJ	e P	17:08:55.48		BZ		
MOE	e P	17:08:56.11		BZ		
PLOUS	e P	17:08:56.61		BZ		
GRNL	e P	17:08:57.86		BZ		
PFVI	e P	17:08:57.15		BZ		
PMOZ	e LR	17:36:22.34		LZ		
	IAMS_20	17:52:35.02		LZ	0.341	18

06-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	18:36:23.05		HZ		
	e S	18:36:36.64		HN		

06-Jan Ho 19:28:39.6 Distante (NEIC) mb 4.9
Lat 28.125°N Lon 52.404°E Prof 10
Região: Southern Iran

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	19:37:35.18		BZ		
MVO	e P	19:37:33.10		BZ		
PBAR	e P	19:37:36.77		BZ		
PMRV	e P	19:37:39.55		BZ		
MTE	e P	19:37:40.11		BZ		
PVRL	e P	19:37:41.46		SZ		
PESTR	e P	19:37:40.21		BZ		
PVIS	e P	19:37:43.05		BZ		
PBEJ	e P	19:37:44.25		SZ		
PSARD	e P	19:37:43.96		BZ		
EVO	e P	19:37:42.16		BZ		

06-Jan Ho 20:43:48.6 ML 1.1
Lat 36.879°N Lon 08.570°W Prof 28
Região: SE Lagos
AxMax 5.9 AxMin 3.6 Ang 12 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e Pg	20:43:55.93		HZ		
	e Sg	20:44:01.21		HN		
	IAML	20:44:01.60		HZ	0.016	0.6
MORF	e Pg	20:43:58.10		HZ		
	e Sg	20:44:03.99		HE		
	IAML	20:44:04.54		HZ	0.007	0.2
PBDV	e Pg	20:44:00.42		HZ		
	e Sg	20:44:08.85		HN		
PTEO	e P	20:44:01.07		HZ		
	e S	20:44:10.14		HN		
PVAQ	e P	20:44:03.49		HZ		
	e S	20:44:14.72		H2		
	IAML	20:44:19.72		HZ	0.003	0.8
PCVE	e S	20:44:15.18		HE		

06-Jan Ho 21:48:41.7 ML 1.4
Lat 36.524°N Lon 09.108°W Prof 11
Região: SW Cabo S.Vicente
AxMax 15.2 AxMin 6.8 Ang 98 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e Pg	21:48:53.64		HZ		
	e Sg	21:49:03.10		HE		
	IAML	21:49:03.46		HZ	0.012	0.6
MORF	e P	21:48:56.89		HZ		
	e S	21:49:08.63		HE		
	IAML	21:49:10.72		HZ	0.005	0.3
PMONC	e P	21:48:55.32		HZ		
	e S	21:49:09.95		H1		
PTEO	e P	21:48:59.98		HZ		
	e S	21:49:14.84		HN		
PBDV	e P	21:49:02.46		HZ		
	e S	21:49:18.22		HN		
	IAML	21:49:19.47		HZ	0.006	0.7
PCVE	e P	21:49:05.99		HZ		
	e S	21:49:24.97		HE		
	IAML	21:49:26.15		HZ	0.002	0.8
PVAQ	e P	21:49:06.37		HZ		
	e S	21:49:23.56		H2		
	IAML	21:49:25.42		HZ	0.004	0.4
PLOUS	e S	21:49:28.71		HN		
PBAR	e P	21:49:17.83		HZ		
	e S	21:49:45.06		HN		
PARRA	e P	21:49:19.15		HZ		
	e S	21:49:48.06		HN		

06-Jan Ho 21:57:23.5 ML 1.8
Lat 35.917°N Lon 07.647°W Prof 32
Região: Mar de Marrocos
AxMax 3.2 AxMin 1.9 Ang 72 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	21:57:44.38		HZ		
	e S	21:58:00.23		HN		
	IAML	21:58:03.50		HZ	0.004	0.7
PVAQ	e P	21:57:46.43		HZ		
	e S	21:58:03.82		H2		
	IAML	21:58:04.50		HZ	0.004	0.2
PFVI	e P	21:57:47.15		HZ		
	e S	21:58:04.91		HN		
	IAML	21:58:06.79		HZ	0.012	0.8
PMONC	e P	21:57:47.52		HZ		
	e S	21:58:07.04		H1		
MORF	e P	21:57:47.89		HZ		
	e S	21:58:06.86		HE		
	IAML	21:58:11.33		HZ	0.003	0.1
PCVE	e P	21:57:50.19		HZ		
	e S	21:58:10.16		HE		
	IAML	21:58:11.16		HZ	0.003	0.3
PTEO	e P	21:57:51.48		HZ		
	e S	21:58:12.72		HE		
MESJ	e P	21:57:53.47		HZ		
	e S	21:58:15.00		HN		

PBEJ	e S	21:58:17.40	EE		PARRA	e P	22:24:23.69	HZ	
PLOUS	e P	21:57:56.10	HZ			e S	22:24:56.60	HE	
	e S	21:58:22.19	HE			IAML	22:25:01.16	HZ	0.004 0.4
	IAML	21:58:25.44	HZ	0.004 0.6	PMTG	e P	22:24:24.54	HZ	
PBAR	e P	21:57:57.98	HZ			e S	22:24:57.79	HN	
	e S	21:58:23.36	HN			IAML	22:25:01.29	HZ	0.005 0.8
	IAML	21:58:25.87	HZ	0.006 0.7	PESTR	e P	22:24:28.61	HZ	
GRNL	e P	21:57:57.66	CZ			e S	22:25:04.06	HN	
	e S	21:58:23.53	CN			IAML	22:25:15.94	HZ	0.002 0.6
EVO	e P	21:58:02.74	HZ		PBAR	e P	22:24:29.96	HZ	
	e S	21:58:30.96	HN			e S	22:25:04.75	HN	
	IAML	21:58:35.52	HZ	0.006 0.1		IAML	22:25:09.99	HZ	0.002 0.4
MOE	e P	21:58:02.85	HZ		PSARD	e P	22:24:30.54	HZ	
	e S	21:58:32.56	HE			e S	22:25:07.83	HE	
PARRA	e P	21:58:06.10	HZ			IAML	22:25:10.72	HZ	0.010 0.2
	e S	21:58:38.01	HE		PCAS	e P	22:24:33.70	HZ	
	IAML	21:58:41.20	HZ	0.001 0.6		e S	22:25:13.66	HN	
PESTR	e P	21:58:06.58	HZ			IAML	22:25:16.26	HZ	0.005 0.5
	e S	21:58:38.51	HE		PMRV	e P	22:24:34.37	HZ	
	IAML	21:58:41.98	HZ	0.002 0.5		e S	22:25:14.34	HN	
PMTG	e P	21:58:09.86	HZ			IAML	22:25:17.24	HZ	0.003 0.3
	e S	21:58:45.06	HE		MTE	e S	22:25:30.15	HN	
	IAML	21:58:46.21	HZ	0.004 0.9	PVIS	e P	22:24:45.34	HZ	
PMAFR	e P	21:58:12.06	HZ			e S	22:25:31.97	HE	
PMRV	e P	21:58:14.40	HZ		PVRL	e S	22:25:44.84	EE	
	e S	21:58:51.47	HN		POLO	e P	22:24:53.69	HZ	
	IAML	21:58:52.97	HZ	0.006 0.6		e S	22:25:46.91	HN	
PSARD	e P	21:58:17.22	HZ		MVO	e S	22:25:49.86	HN	
	e S	21:58:56.40	HN		PCAB	e S	22:25:53.49	EN	
	IAML	21:58:59.67	HZ	0.007 0.9	PGAV	e P	22:24:58.16	HZ	
						e S	22:25:55.39	HE	
						IAML	22:25:57.91	HZ	0.005 0.8
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06-Jan	Ho	22:23:41.8	ML	2.1	06-Jan	Ho	23:28:36.4	ML	2.1
	Lat	36.932°N	Lon	10.850°W		Lat	36.654°N	Lon	12.901°W
	Região:	Gorringe				Região:	Gorringe		
	AxMax	7.6	AxMin	4.0	Ang	72	ErrZ	12	
Est	Fase	P h:m:s	Dur	Co		Est	Fase	P h:m:s	Dur
PFVI	e P	d 22:24:06.82		HZ		PFVI	e P	23:29:21.95	HZ
	e S	22:24:24.89		HE			e S	23:29:56.29	HE
	IAML	22:24:26.77		HZ	0.013 0.1	PTEO	e P	23:29:29.79	HZ
MORF	e P	22:24:09.29		HZ			e S	23:30:00.80	HE
	e S	22:24:29.09		HN		MORF	e P	23:29:24.34	HZ
	IAML	22:24:29.76		HZ	0.012 0.1		e S	23:30:00.48	HN
PTEO	e P	22:24:10.85		HZ		PMAFR	e P	23:29:27.45	HZ
	e S	22:24:29.41		HN			e S	23:30:06.59	HN
	IAML	22:24:45.38		HZ	0.011 0.7	GRNL	e P	23:29:28.21	CZ
PMONC	e P	22:24:10.94		HZ			e S	23:30:07.47	CN
	e S	22:24:31.53		H2			IAML	23:30:13.60	CZ
	IAML	22:24:33.32		HZ	0.028 0.1	PLOUS	e P	23:29:29.42	HZ
GRNL	e P	22:24:14.22		CZ			e S	23:30:09.37	HE
	e S	22:24:38.18		CN			e S	23:30:10.62	HE
	IAML	22:24:43.00		CZ	0.005 0.3	PCVE	e P	23:29:32.42	HZ
PLOUS	e P	22:24:15.07		HZ			e S	23:30:13.53	HE
	e S	22:24:39.44		HN		PBDV	e P	23:29:32.47	HZ
	IAML	22:24:51.98		HZ	0.005 0.6		e S	23:30:14.25	HE
MESJ	e P	22:24:16.92		HZ		MOE	e P	23:29:32.50	HZ
	e S	22:24:41.27		HE			e S	23:30:15.13	HE
	IAML	22:24:50.33		HZ	0.003 0.3	PVAQ	e P	23:29:35.35	HZ
PCVE	e P	22:24:17.50		HZ			e S	23:30:18.76	H2
	e S	22:24:42.25		HN			IAML	23:30:20.52	HZ
	IAML	22:24:58.86		HZ	0.004 0.8	EVO	e S	23:30:20.62	HN
PBDV	e P	22:24:17.06		HZ		PARRA	e P	23:29:36.94	HZ
	e S	22:24:43.06		HN			e S	23:30:22.64	HN
	IAML	22:24:49.81		HZ	0.005 0.5	PMTG	e P	23:29:37.07	HZ
PMAFR	e P	22:24:16.37		HZ			e S	23:30:23.55	HN
	e S	22:24:42.97		HE			IAML	23:30:23.68	HZ
	IAML	22:24:44.17		HZ	0.028 0.2	PESTR	e P	23:29:42.06	HZ
MOE	e P	22:24:19.01		HZ			e S	23:30:31.33	HN
	e S	22:24:47.50		HE		PSARD	e P	23:29:42.49	HZ
	IAML	22:24:50.59		HZ	0.007 0.2		e S	23:30:31.90	HN
PVAQ	e P	22:24:20.04		HZ		PBAR	e P	23:29:44.28	HZ
	e S	22:24:47.89		H2			e S	23:30:34.50	HE
	IAML	22:24:51.52		HZ	0.005 0.1	PMRV	e P	23:29:47.27	HZ
EVO	e P	22:24:21.75		HZ			e S	23:30:40.58	HE
	e S	22:24:52.36		HN					
	IAML	22:24:55.23		HZ	0.013 0.1				

06-Jan	Ho 23:34:33.6	ML 2.2							
	Lat 36.309°N	Lon 02.887°W	Prof 3						
	Região: Alboran	Rms 0.5							
	AxMax 3.2 AxMin 2.0 Ang 96 ErrZ 4								
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBAR	e P	23:35:32.01		HZ					
	e S	23:36:14.62		HE					
	IAML	23:36:18.84		HZ	0.002	0.7			
PVAQ	e P	23:35:34.95		HZ					
	e S	23:36:19.48		H2					
	IAML	23:36:44.21		HZ	0.003	0.6			
PBDV	e P	23:35:36.98		HZ					
	e S	23:36:22.73		HN					
PBEJ	e P	23:35:38.95		EZ					
PCVE	e P	23:35:39.24		HZ					
PESTR	e P	23:35:41.86		HZ					
MESJ	e P	23:35:42.07		HZ					
	e S	23:36:32.79		HN					
PMRV	e P	23:35:44.75		HZ					
PLOUS	e P	23:35:44.80		HZ					
PARRA	e P	23:35:45.58		HZ					
PFVI	e P	23:35:46.24		HZ					
GRNL	e P	23:35:46.46		CZ					
PMTG	e P	23:35:49.19		HZ					
PSARD	e P	23:35:52.51		HZ					
	e S	23:36:49.41		HN					

07-Jan	Ho 01:05:16.7	Distante (NEIC)	Mw 7.1						
	Lat 28.573°N	Lon 87.375°E	Prof 10						
	Região: Xizang								
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBRG	e P	01:16:53.69		BZ					
	IAMB	01:17:07.73		BZ	0.316	1.8			
	e PP	01:19:47.48		BZ					
MVO	e P	01:16:58.54		BZ					
	IAMB	01:17:11.29		BZ	0.362	1.5			
	e PP	01:19:43.02		BZ					
	e S	01:26:37.90		LN					
	e SS	01:31:19.72		LN					
	e LQ	01:39:00.01		LE					
	e LR	01:42:56.18		LZ					
	IAMS_20	01:52:03.82		LZ	81.00	20			
PVRL	e P	01:17:00.96		SZ					
	IAMB	01:17:14.50		SZ	0.289	1.8			
	e PP	01:19:53.73		SZ					
POLO	e P	01:17:01.64		BZ					
	IAMB	01:17:22.77		BZ	0.229	1.6			
	e PP	01:19:56.00		BZ					
PCAB	e P	01:17:03.39		SZ					
	IAMB	01:17:16.74		SZ	0.592	1.8			
PGAV	e P	01:17:02.20		BZ					
	IAMB	01:17:15.28		BZ	0.458	1.8			
	e S	01:26:46.61		LE					
	e LQ	01:40:43.40		LE					
	e LR	01:42:50.23		LZ					
	IAMS_20	01:54:08.07		LZ	56.17	20			
MTE	e P	01:17:01.49		BZ					
	IAMB	01:17:16.37		BZ	0.516	1.7			
	e PP	01:19:51.45		BZ					
	e S	01:26:51.96		LN					
	e LR	01:43:02.45		LZ					
	IAMS_20	01:52:03.79		LZ	77.88	22			
PVIS	e P	01:17:02.72		BZ					
PMRV	e P	01:17:03.60		BZ					
	IAMB	01:17:17.69		BZ	0.269	1.8			
	e S	01:26:58.93		LN					
	e LQ	01:40:51.67		LE					
	e LR	01:43:45.02		LZ					
	IAMS_20	01:52:34.21		LZ	85.30	22			
PTO	e P	01:17:03.59		SZ					
	IAMB	01:17:17.73		SZ	0.489	1.4			
PBAR	e P	01:17:05.58		BZ					
	IAMB	01:17:19.56		BZ	0.645	1.9			
COI	e P	01:17:06.47		BZ					
	IAMB	01:17:26.25		BZ	0.702	1.7			

PESTR	e P	01:17:05.85	BZ						
	IAMB	01:17:19.01	BZ	0.287	1.6				
PSARD	e P	01:17:06.39	BZ						
	IAMB	01:17:20.64	BZ	0.931	1.6				
PCAS	e P	01:17:06.36	BZ						
	IAMB	01:17:20.77	BZ	0.356	1.7				
	e PP	01:20:01.68	BZ						
PARRA	e P	01:17:07.93	BZ						
	IAMB	01:17:28.06	BZ	0.315	1.9				
	e PP	01:19:59.41	BZ						
PMTG	e P	01:17:07.57	BZ						
	IAMB	01:17:21.77	BZ	0.438	1.6				
	e PP	01:20:03.39	BZ						
EVO	e P	01:17:08.69	BZ						
	IAMB	01:17:22.55	BZ	1.383	1.6				
PBEJ	e P	01:17:09.55	SZ						
	IAMB	01:17:23.00	SZ	0.344	1.6				
MOE	e P	01:17:10.21	BZ						
	IAMB	01:17:23.99	BZ	0.587	2.0				
PVAQ	e P	01:17:10.24	BZ						
	IAMB	01:17:24.17	BZ	0.724	1.3				
	e S	01:27:02.79	LZ						
	e LR	01:43:35.06	LZ						
	IAMS_20	01:54:24.49	LZ	66.03	20				
PCVE	e P	01:17:10.29	BZ						
	IAMB	01:17:24.58	BZ	0.293	1.7				
MESJ	e P	01:17:10.89	BZ						
	IAMB	01:17:25.15	BZ	0.453	1.5				
PBDV	e P	01:17:11.65	BZ						
	IAMB	01:17:25.81	BZ	0.965	1.4				
PLOUS	e P	01:17:11.32	BZ						
	IAMB	01:17:25.68	BZ	0.484	1.6				
GRNL	e P	01:17:12.05	BZ						
PMAFR	e P	01:17:13.73	BZ						
	IAMB	01:17:26.53	BZ	0.819	1.7				
PTEO	e P	01:17:14.97	BZ						
	IAMB	01:17:35.15	BZ	0.726	1.8				
MORF	e P	01:17:13.94	BZ						
	IAMB	01:17:28.41	BZ	0.447	1.5				
PFVI	e P	01:17:14.79	BZ						
	IAMB	01:17:28.39	BZ	0.535	1.6				
PMPST	e P	01:17:54.12	BZ						
	IAMB	01:18:08.06	BZ	0.456	2.2				
PMAR	e P	01:17:57.17	BZ						
	IAMB	01:18:11.26	BZ	0.986	1.4				
PMOZ	e P	01:17:57.44	BZ						
	IAMB	01:18:18.69	BZ	0.680	2.0				
	e S	01:28:36.47	LE						
	e LQ	01:40:40.76	LE						
	e LR	01:47:11.83	LZ						
	IAMS_20	02:00:12.22	LZ	39.92	20				

07-Jan	Ho 03:08:26.8	ML 0.9							
	Lat 38.549°N	Lon 07.833°W	Prof 5						
	Região: SE Evora	Rms 0.4							
	AxMax 2.6 AxMin 1.7 Ang 97 ErrZ 7								
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
EVO	e Pg	03:08:29.57		HZ					
	e Sg	03:08:31.86		HN					
	IAML	03:08:32.10		HZ	0.012	0.1			
PARRA	e Pg	03:08:32.36		HZ					
	e Sg	03:08:36.78		HE					
PESTR	e Pg	03:08:33.58		HZ					
	e Sg	03:08:38.43		HE					
MOE	e Sg	03:08:39.73		HN					
PBEJ	IAML	03:08:42.79		EZ	0.002	0.2			
PMTG	e Pg	03:08:38.80		HZ					
	e Sg	03:08:45.81		HN					
PLOUS	e P	03:08:39.35		HZ					
	e S	03:08:48.50		HN					
PBAR	e S	03:08:49.99		HE					
PCVE	e P	03:08:44.32		HZ					
PMRV	e P	03:08:44.29		HZ					
	e S	03:08:56.61		HN					
PSARD	e P	03:08:46.95		HZ					
	e S	03:09:01.04		HN					
PVAQ	e S	03:09:03.01		H1					

07-Jan	Ho	03:50:16.6			ML 0.6
	Lat	37.313°N	Lon	08.495°W	Prof 9
	Região:	E Monchique			Rms 0.3
	AxMax	10.3	AxMin	2.3	Ang 155
					ErrZ 7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMONC	e Pg	03:50:18.15		HZ	
	e Sg	03:50:19.74		H1	
MORF	e Pg	03:50:19.21		HZ	
	e Sg	03:50:21.59		HN	
	IAML	03:50:22.63		HZ	0.006 1.0
PFVI	e Pg	03:50:22.45		HZ	
	e Sg	03:50:27.34		HN	
PVAQ	e Pg	03:50:28.74		HZ	
	e Sg	03:50:36.45		H1	

07-Jan	Ho	04:27:41.4			ML 1.1
	Lat	38.890°N	Lon	09.585°W	Prof 19
	Região:	NW Sintra			Rms 0.4
	AxMax	13.5	AxMin	7.6	Ang 99
					ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e Pg	04:27:46.81		HZ	
	e Sg	04:27:51.08		HN	
	IAML	04:27:54.38		HZ	0.013 0.7
MOE	e S	04:28:12.69		HN	
	IAML	04:28:13.36		HZ	0.004 0.7
PMTG	e P	04:28:00.16		HZ	
	e S	04:28:14.71		HN	
	IAML	04:28:15.91		HZ	0.004 0.6
GRNL	e S	04:28:14.66		CE	
PARRA	e P	04:28:01.56		HZ	
	e S	04:28:17.49		HN	
	IAML	04:28:20.27		HZ	0.002 0.7
PSARD	e S	04:28:19.33		HE	
	IAML	04:28:23.99		HZ	0.005 0.5
PESTR	e Sn	04:28:26.12		HE	
	e Sg	04:28:29.29		HN	
	IAML	04:28:30.28		HZ	0.004 0.7
PMRV	e Sn	04:28:30.25		HN	
	e Sg	04:28:36.49		HN	

07-Jan	Ho	04:15:30.1	Distante (NEIC)	mb 5.0
	Lat	17.638°S	Lon 176.843°W	Prof 370
	Região:	Fiji Islands Region		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PGAV	e PKPdf	04:34:36.91		BZ
	e PKPab	04:35:06.80		BZ
PBRG	e PKPab	04:35:01.95		BZ
PVIS	e PKPab	04:35:07.10		BZ
PCAS	e PKPab	04:35:08.67		BZ
PSARD	e PKPab	04:35:10.67		BZ
PMTG	e PKPab	04:35:11.94		BZ
PARRA	e PKPdf	04:34:42.33		BZ
	e PKPab	04:35:13.61		BZ
PESTR	e PKPab	04:35:13.05		BZ

07-Jan	Ho	04:47:51.0			ML 1.1
	Lat	38.693°N	Lon	09.341°W	Prof 1
	Região:	NW Oeiras			Rms 0.2
	AxMax	3.0	AxMin	1.7	Ang 75
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e Pg	04:47:55.74		HZ	
	e Sg	04:47:59.68		HE	
	IAML	04:48:00.29		HZ	0.012 0.4
MOE	e P	04:48:05.18		HZ	
	e S	04:48:16.22		HN	
	IAML	04:48:17.22		HZ	0.014 0.6
GRNL	e P	04:48:06.58		CZ	
	e S	04:48:17.98		CN	
	IAML	04:48:19.83		CZ	0.008 0.6
PMTG	e P	04:48:08.12		HZ	
	e S	04:48:21.27		HN	
	IAML	04:48:22.26		HZ	0.004 0.9
PARRA	e P	04:48:09.39		HZ	
	e S	04:48:23.49		HN	
	IAML	04:48:24.50		HZ	0.003 0.8
PSARD	e P	04:48:14.45		HZ	
	e S	04:48:32.07		HN	

PESTR	e P	04:48:15.35		HZ
	e S	04:48:34.25		HN
PMRV	e P	04:48:21.31		HZ
	e S	04:48:42.75		HE

07-Jan	Ho	05:05:21.7			ML 1.2
	Lat	36.658°N	Lon	09.738°W	Prof 23
	Região:	SW Cabo S.Vicente			Rms 0.1
	AxMax	3.9	AxMin	2.7	Ang 128
					ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	05:05:37.09		HZ	
	e S	05:05:48.51		HE	
MORF	e P	05:05:40.18		HZ	
	e S	05:05:53.98		HN	
PTEO	e S	05:05:56.70		HN	
PCVE	e S	05:06:07.84		HE	
GRNL	e P	05:05:48.86		CZ	
	e S	05:06:09.09		CN	
PLOUS	e S	05:06:09.03		HE	
PVAQ	e P	05:05:49.81		HZ	
	e S	05:06:10.55		H2	

07-Jan	Ho	07:39:33.5			ML-0.2
	Lat	38.053°N	Lon	08.599°W	Prof 1*
	Região:	NE Santiago do Cacém			Rms 0.4
	AxMax	7.7	AxMin	2.1	Ang 74
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
GRNL	e Pg	07:39:34.10		CZ	
	e Sg	07:39:34.99		CN	
	IAML	07:39:35.26		CZ	0.004 0.4
PLOUS	e Pg	07:39:35.79		HZ	
	e Sg	07:39:38.02		HE	
MESJ	e Pg	07:39:40.41		HZ	
	e Sg	07:39:45.28		HN	
MOE	e P	07:39:43.19		HZ	
PARRA	e P	07:39:50.08		HZ	
	e S	07:40:01.99		HN	

07-Jan	Ho	08:35:28.9			ML 1.5
	Lat	41.405°N	Lon	08.423°W	Prof 15
	Região:	NE Famalicão			Rms 0.4
	AxMax	2.7	AxMin	2.6	Ang 92
					ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PTO	e Pg	08:35:35.06		EZ	
	e Sg	08:35:39.34		EE	
PCAB	e Pg	08:35:39.43		EZ	
	e Sg	08:35:45.39		EE	
	IAML	08:35:47.90		EZ	0.019 0.2
POLO	e Pg	08:35:38.79		HZ	
	e Sg	08:35:45.23		HN	
	IAML	08:35:45.78		HZ	0.023 0.2
PVRL	e P	08:35:39.06		EZ	
	e S	08:35:46.67		EN	
	IAML	08:35:48.29		EZ	0.030 0.2
PGAV	e Pg	08:35:39.35		HZ	
	e Sg	08:35:47.43		HN	
	IAML	08:35:47.98		HZ	0.023 0.1
PVIS	e P	08:35:43.01		HZ	
	e S	08:35:54.17		HE	
MVO	e S	08:36:01.94		HN	
	IAML	08:36:03.48		HZ	0.009 0.3
MTE	e S	08:36:06.03		HE	
PBRG	e P	08:35:49.33		HZ	
	e S	08:36:08.14		HN	
	IAML	08:36:11.28		HZ	0.003 0.1
PCAS	e Pn	08:35:52.81		HZ	
	e Sn	08:36:09.94		HE	
	IAML	08:36:10.64		HZ	0.006 0.2
PCBR	e Sg	08:36:21.88		EN	
PSARD	e Pg	08:36:01.55		HZ	
	e Sg	08:36:24.84		HN	
	IAML	08:36:24.85		HZ	0.006 0.2
PMRV	e Pg	08:36:05.79		HZ	
	e Sn	08:36:27.69		HN	
	e Sg	08:36:34.90		HE	
	IAML	08:36:40.09		HZ	0.002 0.3
PMTG	e Pn	08:36:05.58		HZ	
	e Sg	08:36:40.75		HE	

PARRA	e Pn	08:36:08.77	HZ			
	e Sg	08:36:49.38	HE			
PESTR	e Sg	08:36:49.88	HE			
MOE	e Pn	08:36:12.52	HZ			
	e Sg	08:36:56.62	HE			

07-Jan Ho 08:44:12.5 ML 1.7
Lat 38.515°N Lon 07.883°W Prof 5
Região: SE Evora Rms 0.4
AxMax 1.7 AxMin 1.4 Ang 95 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	08:44:15.06		HZ		
	e Sg	08:44:17.04		HN		
	IAML	08:44:17.13		HZ	0.741	0.1
PARRA	e Pg	08:44:18.53		HZ		
	e Sg	08:44:22.97		HE		
	IAML	08:44:23.16		HZ	0.092	0.1
MOE	e Pg	08:44:19.36		HZ		
	e Sg	08:44:24.40		HE		
	IAML	08:44:24.87		HZ	0.067	0.3
PESTR	e Pg	c 08:44:20.33		HZ		
	e Sg	08:44:25.91		HN		
	IAML	08:44:26.73		HZ	0.009	0.6
PBEJ	e Pg	08:44:21.43		EZ		
	e Sg	08:44:27.86		EE		
	IAML	08:44:28.35		EZ	0.030	0.3
PMTG	e Pg	08:44:23.55		HZ		
	e Sg	08:44:31.65		HN		
	IAML	08:44:32.23		HZ	0.039	0.2
PLOUS	e P	c 08:44:24.41		HZ		
	e S	08:44:33.08		HN		
	IAML	08:44:35.27		HZ	0.007	0.6
GRNL	e P	08:44:25.06		CZ		
	e S	08:44:34.10		CE		
	IAML	08:44:37.87		CZ	0.006	0.1
MESJ	e P	08:44:25.70		HZ		
	e S	08:44:35.29		HE		
	IAML	08:44:38.37		HZ	0.009	0.2
PBAR	e P	08:44:25.96		HZ		
	e S	08:44:36.61		HN		
	IAML	08:44:38.66		HZ	0.012	0.3
PCVE	e P	08:44:28.90		HZ		
	e S	08:44:41.18		HN		
	IAML	08:44:42.66		HZ	0.013	0.2
PMRV	e P	08:44:30.76		HZ		
	e S	08:44:43.83		HE		
	IAML	08:44:45.78		HZ	0.004	0.4
PSARD	e P	08:44:32.84		HZ		
	e S	08:44:46.91		HE		
	IAML	08:44:48.24		HZ	0.024	0.5
PVAQ	e P	08:44:33.56		HZ		
	e S	08:44:48.14		H2		
	IAML	08:44:49.28		HZ	0.009	0.1
PTEO	e P	08:44:33.31		HZ		
	e S	08:44:49.23		HE		
	IAML	08:44:51.58		HZ	0.010	0.4
PBDV	e Pn	08:44:35.75		HZ		
	e Sn	08:44:52.60		HE		
	IAML	08:44:56.17		HZ	0.008	0.7
PCBR	e Sn	08:44:55.34		EE		
PFVI	e Pn	08:44:39.28		HZ		
	e Sg	08:45:02.34		HN		
	IAML	08:45:03.48		HZ	0.007	0.7
PCAS	e Sg	08:45:03.45		HE		
	IAML	08:45:07.16		HZ	0.007	0.5
PVIS	e Sg	08:45:22.58		HE		

07-Jan Ho 15:16:37.8 ML 1.1
Lat 36.597°N Lon 06.439°W Prof 12
Região: Golfo de Cádiz Rms 0.3
AxMax 5.9 AxMin 3.3 Ang 143 ErrZ 8

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	15:17:00.60		HZ		
	e S	15:17:16.46		H1		
	IAML	15:17:17.48		HZ	0.004	0.3
PBDV	e P	15:17:01.18		HZ		
	e S	15:17:18.47		HE		

PCVE	e Pn	15:17:04.99	HZ			
	e Sn	15:17:24.94	HE			
MESJ	e Pn	15:17:07.98	HZ			
MORF	e Pn	15:17:08.83	HZ			
GRNL	e Pn	15:17:14.07	CZ			
	e Sn	15:17:40.35	CN			
PESTR	e Sn	15:17:44.09	HE			
PARRA	e Pn	15:17:17.69	HZ			
	e Sn	15:17:46.58	HE			
PMTG	e Sn	15:17:53.60	HE			

07-Jan Ho 15:38:52.1 ML 0.1
Lat 38.390°N Lon 08.088°W Prof 0
Região: NW Viana do Alentejo Rms 0.3
AxMax 4.4 AxMin 1.9 Ang 112 ErrZ -

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	15:38:54.81		HZ		
	e Sg	15:38:57.07		HZ		
MOE	e Pg	15:38:56.44		HZ		
	e Sg	15:39:00.35		HN		
PARRA	e Pg	15:38:59.88		HZ		
	e Sg	15:39:05.39		HN		
PLOUS	e Sg	15:39:06.16		HN		
PMTG	e P	15:39:05.28		HZ		
	e S	15:39:13.81		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>
PVAQ	e Pg	16:43:14.71		HZ		
	e Sg	16:43:17.17		H2		
PBDV	e Sg	16:43:21.72		HE		
PCVE	e Sg	16:43:24.69		HN		

07-Jan Ho 20:25:43.7 ML 0.4
Lat 38.718°N Lon 07.895°W Prof 10
Região: E Arraiolos Rms 0.3
AxMax 1.6 AxMin 1.3 Ang 84 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	d 20:25:47.16		HZ		
	e Sg	20:25:49.92		HE		
	IAML	20:25:50.01		HZ	0.003	0.1
EVO	i Pg	c 20:25:48.16		HZ		
PESTR	e Pg	20:25:49.17		HZ		
	e Sg	20:25:53.37		HN		
MOE	e Pg	20:25:51.26		HZ		
	e Sg	20:25:56.65		HN		
	IAML	20:25:57.12		HZ	0.002	0.1
PMTG	e Pg	20:25:51.63		HZ		
	e Sg	20:25:57.67		HN		
GRNL	e P	20:25:58.64		CZ		
	e S	20:26:09.47		CN		
PMRV	e P	20:25:58.33		HZ		
	e S	20:26:09.48		HN		
PBAR	e P	20:25:59.05		HZ		
	e S	20:26:11.13		HE		
PSARD	e P	20:25:60.00		HZ		
	e S	20:26:12.15		HN		
MESJ	e S	20:26:12.37		HN		
PCVE	e S	20:26:17.51		HN		
PVAQ	e S	20:26:24.44		H1		

07-Jan Ho 21:21:29.3 ML 0.3
Lat 37.313°N Lon 08.615°W Prof 12
Região: W Monchique Rms 0.3
AxMax 2.4 AxMin 1.5 Ang 118 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MORF	e Pg	c 21:21:31.04		HZ		
	e Sg	21:21:32.78		HE		
	IAML	21:21:33.10		HZ	0.015	0.1
PMONC	e Pg	21:21:32.28		HZ		
PFVI	e Pg	21:21:34.12		HZ		
	e Sg	21:21:37.55		HE		
PTEO	e Pg	21:21:34.22		HZ		
	e Sg	21:21:37.97		HN		
PBDV	e Sg	21:21:47.09		HE		
PCVE	e Sg	21:21:46.36		HN		
MESJ	e Pg	21:21:40.81		HZ		
	e Sg	21:21:49.14		HN		

GRNL	e Pn	02:31:41.56	CZ				
	e Sg	02:32:20.42	CE				
	IAML	02:32:28.85	CZ	0.005	0.4		
PARRA	e Pn	02:31:42.85	HZ				
	e Pg	02:31:49.74	HZ				
	e Sn	02:32:13.82	HE				
	e Sg	02:32:22.64	HN				
	IAML	02:32:27.01	HZ	0.004	0.2		
PMRV	e Pn	02:31:45.57	HZ				
	e Sg	02:32:28.33	HE				
	IAML	02:32:31.40	HZ	0.007	0.5		
PMTG	e Pn	02:31:46.61	HZ				
	e Sn	02:32:19.90	HN				
	IAML	02:32:43.51	HZ	0.005	0.5		
PSARD	e Pn	02:31:51.99	HZ				
	e Sn	02:32:29.43	HE				
	IAML	02:32:50.33	HZ	0.013	0.5		

08-Jan	Ho	03:01:57.2				ML 1.2	
	Lat	36.467°N	Lon	08.049°W		Prof 22	
	Região:	SW Faro				Rms 0.3	
	AxMax	4.5	AxMin	3.5	Ang 152	ErrZ 4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBDV	e S	03:02:22.31		HE			
PFVI	e P	03:02:13.57		HZ			
	e S	03:02:25.50		HE			
PVAQ	e P	03:02:13.95		HZ			
	e S	03:02:26.95		H1			
PCVE	e P	03:02:16.86		HZ			
	e S	03:02:31.02		HN			
PTEO	e P	03:02:17.12		HZ			
	e S	03:02:32.04		HE			
MESJ	e P	03:02:19.82		HZ			
	e S	03:02:36.62		HE			
PLOUS	e P	03:02:22.34		HZ			
	e S	03:02:40.68		HN			
GRNL	e S	03:02:43.12		CN			
PBAR	e P	03:02:26.09		HZ			
	e S	03:02:48.99		HN			
MOE	e S	03:02:53.64		HN			
PARRA	e P	03:02:32.71		HZ			
	e S	03:02:59.59		HE			
PMTG	e P	03:02:36.27		HZ			
	e S	03:03:06.02		HN			
PSARD	e S	03:03:19.08		HN			

08-Jan	Ho	03:52:45.3				ML 1.8	
	Lat	36.961°N	Lon	05.884°W		Prof 4	
	Região:	SE Sevilha (ESP)				Rms 0.4	
	AxMax	2.6	AxMin	1.8	Ang 31	ErrZ 4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e P	03:53:11.79		HZ			
	e S	03:53:32.76		HE			
	IAML	03:53:35.62		HZ	0.005	0.5	
PVAQ	e P	03:53:11.77		HZ			
	e S	03:53:31.34		H1			
	IAML	03:53:41.55		HZ	0.004	0.3	
PBDV	e Pn	03:53:13.64		HZ			
	e Sn	03:53:35.29		HE			
	IAML	03:53:41.15		HZ	0.004	0.5	
PCVE	e Pn	03:53:16.08		HZ			
	e Sg	03:53:44.29		HE			
	IAML	03:53:47.58		HZ	0.003	0.8	
PBEJ	e Sg	03:53:45.99		EN			
PLOUS	e Pn	03:53:22.07		HZ			
EVO	e Pn	03:53:22.52		HZ			
	IAML	03:54:05.51		HZ	0.010	0.7	
PESTR	e Pn	03:53:24.62		HZ			
	e Pg	03:53:28.59		HZ			
	e Sg	03:53:58.73		HN			
	IAML	03:54:08.05		HZ	0.003	0.8	
PTEO	e Pn	03:53:23.20		HZ			
	e Sn	03:53:51.67		HE			
GRNL	e Pn	03:53:23.99		CZ			
	e Sn	03:53:54.07		CN			
PARRA	e Pn	03:53:25.27		HZ			
	e Sn	03:53:56.35		HE			

PMTG	e Pn	03:53:29.88	HZ				
	e Sn	03:54:03.07	HN				
PSARD	e Pn	03:53:35.21	HZ				
	e Sn	03:54:11.80	HE				

08-Jan	Ho	04:09:43.3				ML 0.9	
	Lat	38.795°N	Lon	08.422°W		Prof 0	
	Região:	NE Vendas Novas				Rms 0.1	
	AxMax	2.1	AxMin	0.9	Ang 104	ErrZ -	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MOE	e Pg	04:09:47.97		HZ			
	e Sg	04:09:51.78		HE			
PARRA	e Pg	04:09:48.71		HZ			
	e Sg	04:09:52.84		HN			
PMTG	e Pg	04:09:48.85		HZ			
	e Sg	04:09:53.39		HN			
EVO	e Sg	04:09:56.41		HZ			
PESTR	e Sg	04:10:04.23		HN			
GRNL	e Sg	04:10:05.72		CE			

08-Jan	Ho	05:50:18.2				ML 1.4	
	Lat	36.408°N	Lon	04.724°W		Prof 87	
	Região:	Alboran				Rms 0.3	
	AxMax	4.0	AxMin	1.9	Ang 72	ErrZ 3	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e P	05:50:57.81		HZ			
	e S	05:51:26.57		HE			
PVAQ	e P	05:50:57.80		HZ			
	e S	05:51:27.33		H2			
PBDV	e P	05:50:59.31		HZ			
	e S	05:51:30.15		HN			
PCVE	e P	05:51:02.27		HZ			
	e S	05:51:34.86		HN			
MESJ	e P	05:51:05.35		HZ			
	e S	05:51:41.19		HN			
PESTR	e S	05:51:45.32		HN			
PLOUS	e P	05:51:08.35		HZ			
	e S	05:51:45.44		HE			
GRNL	e S	05:51:49.17		CE			
PARRA	e P	05:51:11.18		HZ			
	e S	05:51:50.22		HE			
PMTG	e S	05:51:57.85		HE			

08-Jan	Ho	07:00:46.4				ML 1.9	
	Lat	35.904°N	Lon	04.691°W		Prof 75	
	Região:	Alboran				Rms 0.3	
	AxMax	3.5	AxMin	2.1	Ang 77	ErrZ 4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PVAQ	e P	07:01:29.13		HZ			
	e S	07:02:01.71		H1			
	IAML	07:02:14.35		HZ	0.004	0.8	
PBDV	e P	07:01:30.52		HZ			
	e S	07:02:03.41		HE			
	IAML	07:02:12.42		HZ	0.004	0.8	
PBAR	e P	07:01:30.73		HZ			
	e S	07:02:03.63		HE			
PCVE	e P	07:01:33.87		HZ			
	e S	07:02:09.31		HN			
MESJ	e S	07:02:15.32		HN			
	IAML	07:02:19.05		HZ	0.004	0.7	
PFVI	e S	07:02:18.19		HN			
PLOUS	e S	07:02:21.21		HE			
PESTR	e P	07:01:42.01		HZ			
	e S	07:02:23.23		HE			
GRNL	e P	07:01:42.36		CZ			
	e S	07:02:24.68		CE			
PARRA	e P	07:01:44.49		HZ			
	e S	07:02:27.55		HE			
	IAML	07:02:28.68		HZ	0.002	0.7	
PMRV	e P	07:01:46.93		HZ			
PMTG	e P	07:01:48.26		HZ			
PSARD	e P	07:01:53.48		HZ			
	e S	07:02:42.92		HN			

08-Jan	Ho	07:44:22.7	Distante (NEIC)		Mw	5.5
	Lat	34.761°N	Lon	97.477°E	Prof	10
	Região: Qinghai, China					
Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e LR	08:23:08.85		LZ		
	IAMs_20	08:34:43.08		LZ	1.357	18
PGAV	e LR	08:26:29.04		LZ		
	IAMs_20	08:33:15.19		LZ	1.441	20
MTE	e P	07:56:26.82		BZ		
	IAMB	07:56:28.76		BZ	0.127	1.3
	e LR	08:23:53.40		LZ		
	IAMs_20	08:34:14.97		LZ	1.179	18
PMRV	e P	07:56:28.95		BZ		
	IAMB	07:56:31.63		BZ	0.118	1.6
	e LR	08:27:06.39		LZ		
	IAMs_20	08:37:36.46		LZ	0.806	18
PSARD	e P	07:56:30.26		BZ		
PBAR	e P	07:56:31.04		BZ		
	IAMB	07:56:34.22		BZ	0.097	1.6
PARRA	e P	07:56:31.47		BZ		
	IAMB	07:56:34.90		BZ	0.053	1.5
EVO	e P	07:56:32.21		BZ		
	IAMB	07:56:35.94		BZ	0.219	1.5
PBEJ	e P	07:56:35.44		SZ		
	IAMB	07:56:37.04		SZ	0.061	1.6
PVAQ	e P	07:56:35.40		BZ		
	e LR	08:25:37.91		LZ		
	IAMs_20	08:35:23.10		LZ	1.282	16
MESJ	e P	07:56:36.83		BZ		
	IAMB	07:56:38.87		BZ	0.081	1.5
GRNL	e P	07:56:37.62		BZ		
PBDV	e P	07:56:36.47		BZ		
	IAMB	07:56:45.28		BZ	0.092	1.4
PMOZ	e LR	08:31:44.85		LZ		
	IAMs_20	08:33:59.26		LZ	0.677	24

08-Jan	Ho	08:22:30.4					ML	1.0	
	Lat	36.715°N		Lon	07.520°W		Prof	21	
	Região: Golfo de Cádiz							Rms	0.3
	AxMax	12.4	AxMin	8.4	Ang	94	ErrZ	6	
Est	Fase	P h:m:s		Dur	Co				
PBDV	e P	08:22:42.50			HZ				
	e S	08:22:50.63			HE				
PVAQ	e P	08:22:42.75			HZ				
	e S	08:22:53.25			H2				
	IAML	08:22:53.79			HZ	0.004	0.6		
PCVE	e S	08:23:00.97			HE				
PARRA	e P	08:23:03.49			HZ				
	e S	08:23:29.17			HN				

08-Jan	Ho	09:42:52.9					ML 2.4	
	Lat	34.202°N		Lon	05.737°W		Prof 22	
	Região: NW Fez (Marr)							Rms 0.3
	AxMax	4.6	AxMin	3.2	Ang	82	ErrZ	6
Est	Fase	P h:m:s		Dur	Co	Amp Per		
PBDV	e P	09:43:45.11			HZ			
	e S	09:44:24.74			HN			
PVAQ	e P	09:43:45.92			HZ			
	e S	09:44:26.09			H2			
	IAML	09:44:27.86			HZ	0.006	0.4	
PFVI	e S	09:44:32.38			HE			
PBAR	e P	09:43:54.27			HZ			
	e S	09:44:38.81			HE			
	IAML	09:44:46.75			HZ	0.003	0.3	
MESJ	e S	09:44:40.21			HE			
	IAML	09:44:43.37			HZ	0.004	0.3	
GRNL	e P	09:43:57.83			CZ			
	e S	09:44:49.39			CN			
MOE	e S	09:44:56.79			HN			
PARRA	e P	09:44:05.33			HZ			
	e S	09:45:00.09			HN			
PMTG	e P	09:44:09.75			HZ			
	e S	09:45:07.51			HN			

08-Jan	Ho	12:54:35.7				ML	2.4	
	Lat	34.174°N	Lon	06.015°W		Prof	12	
	Região: NW Fez (Marr)						Rms	0.5
	AxMax	4.6	AxMin	2.1	Ang	88	ErrZ	6
Est	Fase	P h:m:s		Dur	Co	Amp	Per	
PBDV	e Pn	12:55:28.19			HZ			
	e Sn	12:56:07.28			HE			
PVAQ	e Pn	12:55:28.94			HZ			
	e Sn	12:56:08.41			H1			
	IAML	12:56:10.38			HZ	0.008	0.3	
PFVI	e Sn	12:56:15.39			HE			
MESJ	e Sn	12:56:23.70			HE			
	IAML	12:56:26.20			HZ	0.007	0.6	
PBAR	e Pn	12:55:36.91			HZ			
	e Sn	12:56:22.10			HE			
	IAML	12:56:28.89			HZ	0.004	0.7	
PLOUS	e Sn	12:56:28.88			HE			
GRNL	e Pn	12:55:41.03			CZ			
	e Sn	12:56:32.45			CE			
MOE	e Pn	12:55:46.41			HZ			
	e Sn	12:56:39.29			HE			
PESTR	e Sn	12:56:41.17			HE			
PARRA	e Pn	12:55:48.08			HZ			
	e Sn	12:56:43.32			HN			
PMTG	e Pn	12:55:52.32			HZ			
	e Sn	12:56:50.12			HE			
PSARD	e Sn	12:57:01.02			HN			

08-Jan	Ho	22:16:41.1				ML 0.4	
	Lat	38.723°N	Lon	07.897°W	Prof 14		
	Região: E Arraiolos					Rms 0.2	
	AxMax	1.7	AxMin	1.2	Ang	102	ErrZ 4
Est	Fase	P	h:m:s	Dur	Co	Amp	Per
PARRA	e Pg		22:16:44.62		HZ		
	e Sg		22:16:47.38		HE		
	IAML		22:16:47.71		HZ	0.002	0.3
EVO	e Pg		22:16:45.60		HZ		
	e Sg		22:16:49.07		HN		
	IAML		22:16:49.25		HZ	0.007	0.2
PESTR	e Pg		22:16:46.62		HZ		
	e Sg		22:16:50.78		HE		
MOE	e Pg		22:16:48.61		HZ		
	e Sg		22:16:54.12		HN		
	IAML		22:16:54.52		HZ	0.002	0.1
PMTG	e Pg		22:16:49.02		HZ		
	e Sg		22:16:55.07		HN		
PLOUS	e P		22:16:55.90		HZ		
	e S		22:17:06.90		HE		
PMRV	e P		22:16:55.74		HZ		
	e S		22:17:07.04		HE		
GRNL	e P		22:16:56.15		CZ		
	e S		22:17:07.54		CE		
PBAR	e P		22:16:56.49		HZ		
	e S		22:17:08.33		HE		
PSARD	e P		22:16:57.09		HZ		
	e S		22:17:09.68		HE		

09-Jan	Ho	00:15:15.6				ML 1.3
	Lat	36.758°N	Lon	07.225°W		Prof 21
	Região: Golfo de Cádiz					Rms 0.3
	AxMax	3.0	AxMin	2.7	Ang 160	ErrZ 3
Est	Fase	P	h:m:s	Dur	Co	Amp Per
PBDV	e P		00:15:29.36		HZ	
	e S		00:15:39.45		HN	
PVAQ	e P		00:15:29.45		HZ	
	e S		00:15:39.53		H1	
	IAML		00:15:39.93		HZ	0.007 0.2
PCVE	e P		00:15:34.24		HZ	
	e S		00:15:48.53		HN	
MORF	e P		00:15:36.57		HZ	
	e S		00:15:52.11		HN	
	IAML		00:15:52.37		HZ	0.006 0.1
PFVI	e P		00:15:38.18		HZ	
	e S		00:15:53.40		HN	
	IAML		00:15:54.08		HZ	0.004 0.1
PBEJ	e P		00:15:37.78		EZ	
	e S		00:15:56.91		EE	

PBAR	e P	00:15:38.50	HZ				
	e S	00:15:55.95	HE				
	IAML	00:16:01.67	HZ	0.002	0.3		
PTEO	e P	00:15:39.22	HZ				
	e S	00:15:56.36	HE				
PLOUS	e Pn	00:15:41.23	HZ				
	e Sn	00:16:01.28	HE				
	e Sg	00:16:06.58	HE				
GRNL	e Pn	00:15:42.92	CZ				
	e Sn	00:16:04.99	CN				
EVO	e Pn	00:15:45.03	HZ				
	e Sg	00:16:17.38	HN				
MOE	e Pn	00:15:46.53	HZ				
	e Sn	00:16:09.02	HE				
PESTR	e Pn	00:15:48.03	HZ				
	e Sn	00:16:13.35	HN				
	e Sg	00:16:20.85	HE				
PARRA	e Pn	00:15:48.72	HZ				
	e Sn	00:16:13.83	HN				
	e Sg	00:16:22.75	HE				
PMTG	e Pn	00:15:52.77	HZ				
	e Sn	00:16:20.46	HN				
	e Sg	00:16:31.34	HN				
PMRV	e Pn	00:15:55.62	HZ				
	e Sn	00:16:23.71	HE				
PSARD	e Pn	00:15:59.68	HZ				
	e Sn	00:16:32.29	HN				

09-Jan	Ho	03:16:51.8				ML 2.1	
	Lat	36.973°N	Lon	03.760°W		Prof 1*	
	Região:	SW Granada (ESP)				Rms 0.5	
	AxMax	1.9	AxMin	1.8	Ang 101	ErrZ 0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBAR	e Sg	03:18:24.29		HN			
	IAML	03:18:27.97		HZ	0.003	1.0	
PVAQ	e Pn	03:17:41.98		HZ			
	e Sn	03:18:20.54		H2			
PBDV	e Pn	03:17:40.62		HZ			
	e Sn	03:18:26.12		HN			
PESTR	e Pn	03:17:47.85		HZ			
	e Sn	03:18:29.06		HE			
	e Sg	03:18:46.88		HN			
	IAML	03:18:52.01		HZ	0.002	0.6	
PMRV	e Sn	03:18:31.09		HE			
	e Sg	03:18:50.02		HN			
	IAML	03:19:12.17		HZ	0.003	0.7	
PARRA	e Pn	03:17:52.65		HZ			
	e Sn	03:18:36.03		HE			
	IAML	03:19:10.16		HZ	0.002	0.6	
PLOUS	e Pn	03:17:52.44		HZ			
	e Sn	03:18:36.67		HE			
MOE	e Pn	03:17:52.91		HZ			
	e Sn	03:18:37.73		HN			
	e Sg	03:18:59.70		HN			
	IAML	03:19:09.59		HZ	0.004	0.7	
PMTG	e Pn	03:17:55.10		HZ			
	e Sn	03:18:40.21		HN			
	IAML	03:19:08.04		HZ	0.004	0.4	
PSARD	e Pn	03:17:57.98		HZ			
	e Sn	03:18:45.94		HE			
	e Sg	03:19:11.20		HN			
	IAML	03:19:17.83		HZ	0.005	0.7	

09-Jan	Ho	04:03:50.4				ML 0.9	
	Lat	40.966°N	Lon	08.209°W		Prof 3	
	Região:	NE Arouca				Rms 0.4	
	AxMax	8.0	AxMin	3.7	Ang 113	ErrZ 8	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PVIS	e Pg	04:03:55.79		HZ			
	e Sg	04:04:01.66		HN			
PVRL	e Pg	04:04:01.08		EZ			
	e Sg	04:04:05.61		EE			
POLO	e Pg	04:04:02.73		HZ			
	e Sg	04:04:06.80		HE			
MVO	e P	04:04:07.74		HZ			
	e S	04:04:19.34		HE			
	IAML	04:04:20.78		HZ	0.002	0.1	

PCAS	e P	04:04:08.00	HZ				
	e S	04:04:20.10	HN				
PSARD	e P	04:04:14.79	HZ				
	e S	04:04:31.11	HE				
PBRG	e P	04:04:14.85	HZ				
	e S	04:04:34.01	HN				
PMRV	e Pn	04:04:20.24	HZ				
	e Sg	04:04:39.75	HE				
PMTG	e Sg	04:04:47.43	HE				
PARRA	e Sg	04:04:59.18	HE				
PESTR	e Sg	04:04:57.99	HN				

09-Jan	Ho	04:03:56.1				ML 1.1	
	Lat	40.865°N	Lon	08.116°W		Prof 4	
	Região:	NW S. Pedro do Sul				Rms 0.4	
	AxMax	3.4	AxMin	3.3	Ang 96	ErrZ 5	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PVIS	e Pg	04:03:59.80		HZ			
	e Sg	04:04:03.55		HN			
PVRL	e Pg	04:04:05.08		EZ			
	e Sg	04:04:12.74		EE			
POLO	e Pg	04:04:06.70		HZ			
	e Sg	04:04:13.43		HE			
MTE	e S	04:04:15.21		HE			
PCAB	e S	04:04:24.01		EN			
PCAS	e P	04:04:12.02		HZ			
	e S	04:04:24.38		HN			
MVO	e P	04:04:11.80		HZ			
	e S	04:04:24.24		HN			
	IAML	04:04:25.09		HZ	0.005	0.4	
PGAV	e P	04:04:16.03		HZ			
	e S	04:04:31.37		HE			
PSARD	e P	04:04:18.63		HZ			
	e S	04:04:36.08		HE			
	IAML	04:04:36.87		HZ	0.005	0.6	
PBRG	e S	04:04:38.98		HE			
PMRV	e Sg	04:04:43.55		HN			
PMTG	e Sg	04:04:52.96		HN			
PESTR	e Sg	04:05:01.03		HN			
PARRA	e Sg	04:05:01.00		HE			

09-Jan	Ho	04:35:10.8				ML 0.0	
	Lat	37.162°N	Lon	08.652°W		Prof 7*	
	Região:	NE Lagos				Rms 0.5	
	AxMax	5.6	AxMin	2.4	Ang 148	ErrZ 0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
MORF	e Sg	04:35:15.71		HN			
PFVI	e Pg	04:35:13.31		HZ			
	e Sg	04:35:15.77		HN			
PCVE	e S	04:35:32.88		HE			
PVAQ	e P	04:35:26.03		HZ			
	e S	04:35:35.06		H2			

09-Jan	Ho	05:10:48.2				ML 1.8	
	Lat	37.775°N	Lon	08.896°W		Prof 13*	
	Região:	S Sines				Rms 0.3	
	AxMax	3.2	AxMin	1.3	Ang 91	ErrZ 0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PTEO	e Pg	05:10:53.57		HZ			
	e Sg	05:10:57.57		HE			
	IAML	05:10:57.80		HZ	0.044	0.1	
GRNL	e Pg	05:10:56.26		CZ			
	e Sg	05:11:02.10		CN			
	IAML	05:11:02.62		CZ	0.070	0.3	
PLOUS	i Pg	05:10:56.69		HZ			
	e Sg	05:11:02.78		HN			
	IAML	05:11:03.75		HZ	0.024	0.1	
MORF	e Pg	05:10:57.65		HZ			
	e Sg	05:11:04.50		HN			
	IAML	05:11:05.69		HZ	0.058	0.1	
MESJ	e Pg	05:10:58.07		HZ			
	e Sg	05:11:06.28		HE			
	IAML	05:11:08.17		HZ	0.018	0.1	
PMONC	e Pg	05:10:58.25		HZ			
	e Sg	05:11:05.71		H1			
	IAML	05:11:08.81		HZ	0.050	0.1	

PFVI	e P	05:10:59.96	HZ					PTEO	e S	09:53:24.22	HE				
	e S	05:11:08.77	HN					PBDV	e P	09:53:11.25	HZ				
	IAML	05:11:10.41	HZ	0.016	0.2				e S	09:53:30.16	HE				
PCVE	e P	05:11:00.62	HZ					PCVE	e P	09:53:13.45	HZ				
	e S	05:11:10.46	HE						e S	09:53:34.92	HN				
	IAML	05:11:11.02	HZ	0.029	0.4				IAML	09:53:37.57	HZ	0.003	0.4		
PBEJ	e P	05:11:03.38	EZ					PVAQ	e P	c 09:53:14.22	HZ				
	e S	05:11:15.05	EE						e S	09:53:35.66	H2				
	IAML	05:11:16.81	EZ	0.010	0.1				IAML	09:53:36.88	HZ	0.004	0.3		
MOE	e P	05:11:03.79	HZ					PLOUS	e P	09:53:14.33	HZ				
	e S	05:11:15.18	HN						e S	09:53:36.22	HN				
	IAML	05:11:16.55	HZ	0.025	0.2				IAML	09:53:38.32	HZ	0.005	0.3		
PBDV	e P	05:11:04.82	HZ					GRNL	e P	09:53:14.53	CZ				
	e S	05:11:17.36	HE						e S	09:53:36.25	CN				
	IAML	05:11:18.48	HZ	0.012	0.3				IAML	09:53:39.36	CZ	0.006	0.4		
PVAQ	e P	05:11:05.88	HZ					MOE	e P	09:53:20.90	HZ				
	e S	05:11:19.87	H1						e S	09:53:47.58	HN				
	IAML	05:11:20.55	HZ	0.016	0.3				IAML	09:53:50.64	HZ	0.004	0.3		
EVO	e P	05:11:06.25	HZ					PMAFR	e S	09:53:52.58	HE				
	e S	05:11:19.34	HN					PARRA	e P	09:53:25.50	HZ				
	IAML	05:11:20.81	HZ	0.095	0.3				e S	09:53:55.50	HN				
PMAFR	e P	05:11:09.02	HZ						IAML	09:54:02.40	HZ	0.003	0.6		
	e S	05:11:26.19	HE					PBAR	e S	09:53:57.60	HE				
PARRA	e P	05:11:10.11	HZ						IAML	09:54:09.66	HZ	0.002	0.8		
	e S	05:11:25.87	HN					PMTG	e P	09:53:28.33	HZ				
	IAML	05:11:27.22	HZ	0.007	0.1				e S	09:54:00.79	HN				
PMTG	e P	05:11:10.80	HZ						IAML	09:54:03.09	HZ	0.003	0.6		
	e S	05:11:30.57	HE					PESTR	e S	09:54:01.96	HN				
	IAML	05:11:33.18	HZ	0.009	0.1			PSARD	e S	09:54:13.57	HN				
PESTR	e P	05:11:14.37	HZ						IAML	09:54:15.04	HZ	0.007	0.1		
	e S	05:11:32.69	HN					PMRV	e P	09:53:36.66	HZ				
	IAML	05:11:33.56	HZ	0.006	0.3				e S	09:54:15.34	HE				
PBAR	e Pn	05:11:13.10	HZ						IAML	09:54:17.42	HZ	0.003	0.4		
	e Sg	05:11:34.92	HE					PCAS	e S	09:54:21.16	HN				
	IAML	05:11:37.42	HZ	0.004	0.1				IAML	09:54:23.64	HZ	0.002	0.4		
PSARD	e Pn	05:11:18.07	HZ					09-Jan Ho 12:52:52.7 ML 1.7							
	e Sn	05:11:42.47	HE					Lat 38.161°N Lon 09.086°W Prof 1*							
	IAML	05:11:48.35	HZ	0.005	0.2			Região: NW Sines Rms 0.5							
PMRV	e Pn	05:11:19.56	HZ					AxMax 4.4 AxMin 2.1 Ang 89 ErrZ 0							
	e Pg	05:11:25.01	HZ					<i>Est Fase P h:m:s Dur Co Amp Per</i>							
	e Sn	05:11:41.95	HN					GRNL	e Pg	c 12:52:59.83	CZ				
	e Sg	05:11:49.30	HN						e Sg	12:53:06.20	CE				
	IAML	05:11:54.95	HZ	0.002	0.3				IAML	12:53:07.21	CZ	0.030	0.7		
PCAS	e Pn	05:11:24.42	HZ					PLOUS	e Pg	12:53:01.86	HZ				
	e Sn	05:11:51.12	HN						e Sg	12:53:10.33	HE				
	e Sg	05:12:00.42	HE						IAML	12:53:12.43	HZ	0.025	0.5		
PVIS	e Pn	05:11:33.61	HZ					PTEO	e Pg	12:53:04.91	HZ				
	e Sn	05:12:08.48	HE						e Sg	12:53:14.12	HN				
	e Sg	05:12:21.77	HE						IAML	12:53:16.60	HZ	0.012	0.6		
09-Jan Ho 07:02:36.5 ML 1.7								MOE	e Pg	12:53:05.08	HZ				
Lat 36.860°N Lon 03.692°W Prof 2*									e Sg	12:53:16.36	HN				
Região: SW Granada (ESP) Rms 0.4									IAML	12:53:18.06	HZ	0.017	0.2		
AxMax 4.3 AxMin 2.6 Ang 176 ErrZ 0								MESJ	e P	12:53:05.77	HZ				
<i>Est Fase P h:m:s Dur Co Amp Per</i>									e S	12:53:17.43	HN				
PBAR	e Pn	07:03:23.93	HZ						IAML	12:53:19.80	HZ	0.014	1.2		
	e Sn	07:03:58.76	HN					PMAFR	e P	12:53:07.50	HZ				
	e Sg	07:04:11.69	HE						e S	12:53:18.99	HE				
	IAML	07:04:17.51	HZ	0.002	0.6				IAML	12:53:20.86	HZ	0.030	0.2		
PVAQ	e Pn	07:03:25.81	HZ					EVO	e P	12:53:10.07	HZ				
	e Sn	07:04:03.90	H2						e S	12:53:22.18	HN				
PCVE	e Pn	07:03:30.99	HZ						IAML	12:53:23.67	HZ	0.040	0.4		
	e Sn	07:04:12.84	HN					MORF	e P	12:53:09.53	HZ				
PMTG	e Pn	07:03:39.99	HZ						e S	12:53:22.76	HE				
PSARD	e Pn	07:03:42.83	HZ						IAML	12:53:26.74	HZ	0.019	0.1		
	e Sn	07:04:33.78	HN					PBEJ	e P	12:53:10.37	EZ				
09-Jan Ho 09:52:45.1 ML 1.9									e S	12:53:24.34	EE				
Lat 36.377°N Lon 09.733°W Prof 32*									IAML	12:53:24.70	EZ	0.012	0.6		
Região: SW Cabo S.Vicente Rms 0.4								PCVE	e P	12:53:09.92	HZ				
AxMax 6.7 AxMin 3.5 Ang 89 ErrZ 0									e S	12:53:24.30	HE				
<i>Est Fase P h:m:s Dur Co Amp Per</i>									IAML	12:53:26.13	HZ	0.011	0.3		
PFVI	e P	c 09:53:02.23	HZ					PFVI	e P	12:53:11.80	HZ				
	e S	09:53:14.65	HE						e S	12:53:26.40	HE				
	IAML	09:53:15.89	HZ	0.018	0.1				IAML	12:53:28.55	HZ	0.018	0.6		
MORF	e P	c 09:53:05.32	HZ					PARRA	e P	12:53:11.50	HZ				
	e S	09:53:20.28	HN						e S	12:53:26.24	HN				
	IAML	09:53:24.23	HZ	0.011	0.1				IAML	12:53:28.20	HZ	0.005	0.2		

PMTG	e P	12:53:12.98		HZ						PVIS	e Sg	16:34:33.09		HN					
	e S	12:53:28.26		HN						MTE	e Sg	16:34:44.25		HN					
	IAML	12:53:29.62		HZ	0.005	0.4					IAML	16:34:45.42		HZ	0.009	0.8			
PBDV	e P	12:53:15.75		HZ						PCAS	e Sg	16:34:54.08		HE					
	e S	12:53:33.72		HE						PSARD	e Pn	16:34:23.49		HZ					
	IAML	12:53:38.12		HZ	0.008	0.3					e Sg	16:35:08.37		HN					
PVAQ	e P	12:53:15.86		HZ							IAML	16:35:13.76		HZ	0.004	0.3			
	e S	12:53:34.74		H2						PMRV	e Pn	16:34:27.39		HZ					
	IAML	12:53:36.55		HZ	0.009	0.4					e Sg	16:35:12.72		HE					
PESTR	e Pn	12:53:17.01		HZ							IAML	16:35:16.27		HZ	0.003	1.0			
	e Sg	12:53:35.91		HE						PMTG	e Sg	16:35:24.06		HN					
	IAML	12:53:37.13		HZ	0.004	0.2				PESTR	e Sn	16:35:13.35		HN					
PBAR	e Pn	12:53:21.41		HZ							e Sg	16:35:29.44		HN					
	e Sg	12:53:42.66		HN															
	IAML	12:53:45.02		HZ	0.007	0.3													
PSARD	e Pn	12:53:21.31		HZ															
	e Sg	12:53:42.94		HN															
	IAML	12:53:47.40		HZ	0.005	0.3													
PMRV	e Sn	12:53:47.40		HE															
	IAML	12:53:52.07		HZ	0.002	0.8													
09-Jan	Ho	14:55:16.2								ML	1.1								
	Lat	36.309°N								Lon	07.887°W								
	Região:	Golfo de Cádiz								Prof	31*								
										Rms	0.3								
	AxMax	5.4	AxMin	4.3	Ang	127	ErrZ	0											
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PBDV	e S	14:55:43.54		HN															
PVAQ	e P	14:55:34.04		HZ															
	e S	14:55:47.49		H2															
	IAML	14:55:48.15		HZ	0.002	0.2													
PFVI	e P	14:55:34.37		HZ															
	e S	14:55:48.07		HN															
PCVE	e S	14:55:52.97		HN															
MESJ	e S	14:55:58.50		HE															
PLOUS	e P	14:55:42.86		HZ															
	e S	14:56:04.71		HN															
GRNL	e S	14:56:06.40		CN															
09-Jan	Ho	16:25:08.4								ML	0.5								
	Lat	38.705°N								Lon	07.898°W								
	Região:	E Arraiolos								Prof	14								
										Rms	0.2								
	AxMax	2.4	AxMin	1.7	Ang	123	ErrZ	6											
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PARRA	e Pg	16:25:12.21		HZ															
	e Sg	16:25:15.00		HE															
EVO	e Pg	16:25:12.27		HZ															
PESTR	e Pg	16:25:14.25		HZ															
	e Sg	16:25:18.46		HN															
MOE	e Pg	16:25:16.34		HZ															
	e Sg	16:25:21.67		HN															
PMTG	e Pg	16:25:16.75		HZ															
	e Sg	16:25:22.76		HN															
09-Jan	Ho	16:33:39.3								ML	1.9								
	Lat	42.447°N								Lon	08.113°W								
	Região:	NW Ourense (ESP)								Prof	14								
										Rms	0.5								
	AxMax	3.3	AxMin	3.0	Ang	98	ErrZ	5											
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PGAV	e Pg	c 16:33:48.49		HZ															
	e Sg	16:33:54.92		HN															
	IAML	16:33:55.49		HZ	0.040	0.2													
PCAB	e P	16:33:56.53		EZ															
	e S	16:34:06.20		EE															
	IAML	16:34:08.70		EZ	0.041	0.4													
POLO	e P	16:34:00.16		HZ															
	e S	16:34:14.43		HN															
	IAML	16:34:15.35		HZ	0.013	0.2													
PBRG	e P	16:33:59.83		HZ															
	e S	16:34:15.62		HE															
	IAML	16:34:16.85		HZ	0.006	0.2													
PVRL	e P	16:33:58.35		EZ															
	e S	16:34:16.83		EE															
	IAML	16:34:17.52		EZ	0.030	0.1													
MVO	e Pn	16:34:05.05		HZ															
	e Sn	16:34:23.75		HN															
	e Sg	16:34:26.51		HE															
	IAML	16:34:27.27		HZ	0.012	0.2													
09-Jan	Ho	16:31:45.3								Distante (NEIC)									
	Lat	13.599°N								Lon	89.734°W								
	Região:	El Salvador																	
Est	Fase	P h:m:s	Dur	Co	Amp	Per													
PMOZ	e LR	17:04:03.20		LZ															
	IAMs_20	17:06:42.51		LZ	0.625	22													
PMAFR	e P	16:43:10.55		BZ															
PCAS	e P	16:43:11.75		BZ															
	IAMB	16:43:14.01		BZ	0.255	1.1													
	e pP	16:43:40.59		BZ															
PFVI	e P	16:43:13.08		BZ															
PGAV	e P	16:43:10.75		BZ															
	e pP	16:43:40.21		BZ															
	e LR	17:06:42.44		LZ															
	IAMs_20	17:09:27.37		LZ	0.741	20													
COI	e P	16:43:13.63		BZ															
	e pP	16:43:40.12		BZ															
MORF	e P	16:43:13.18		BZ															
	IAMB	16:43:14.85		BZ	0.125	1.3													
PCAB	e P	16:43:17.58																	

[illegible]

PBAR	e P	06:15:16.16	HZ			
	e S	06:15:46.30	HE			
PMTG	e P	06:15:16.09	HZ			
	e S	06:15:47.99	HN			
PESTR	e P	06:15:17.16	HZ			
	e S	06:15:50.53	HE			
PSARD	e P	06:15:22.99	HZ			
PMRV	e P	06:15:24.83	HZ			
	e S	06:16:02.30	HN			

10-Jan	Ho	06:26:18.5	ML 0.3			
	Lat	38.720°N	Lon	07.903°W	Prof	15
	Região:	E Arraiolos	Rms	0.2		
	AxMax	1.8	AxMin	1.0	Ang	112
					ErrZ	4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	06:26:22.03	HZ			
	e Sg	06:26:24.81	HE			
EVO	e Pg	06:26:23.01	HZ			
	e Sg	06:26:26.49	HN			
	IAML	06:26:26.63	HZ	0.006	0.1	
PESTR	e Pg	06:26:24.05	HZ			
	e Sg	06:26:28.17	HN			
MOE	e Pg	06:26:26.16	HZ			
	e Sg	06:26:31.51	HE			
PMTG	e Pg	06:26:26.66	HZ			
	e Sg	06:26:32.39	HN			
PMRV	e P	06:26:33.04	HZ			
	e S	06:26:44.43	HN			
PSARD	e S	06:26:47.00	HN			

10-Jan	Ho	08:14:31.6	Distante (NEIC)	Mw	5.6	
	Lat	05.916°N	Lon	77.468°W	Prof	10
	Região:	Near West Coast of Colombia				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e P	08:24:52.67	BZ			
	IAMB	08:24:58.78	BZ	0.235	1.3	
PFVI	e P	08:25:40.89	BZ			
	IAMB	08:25:42.41	BZ	0.199	1.5	
PTEO	e P	08:25:42.02	BZ			
	IAMB	08:25:43.15	BZ	0.174	1.1	
MORF	e P	08:25:41.85	BZ			
	IAMB	08:25:43.57	BZ	0.236	1.2	
GRNL	e P	08:25:42.90	BZ			
PLOUS	e P	08:25:43.38	BZ			
	IAMB	08:25:44.96	BZ	0.188	1.2	
MOE	e P	08:25:43.77	BZ			
	IAMB	08:25:45.55	BZ	0.161	1.2	
MESJ	e P	08:25:44.43	BZ			
	IAMB	08:25:45.70	BZ	0.093	1.2	
PCAS	e P	08:25:44.62	BZ			
	IAMB	08:25:46.42	BZ	0.304	1.2	
PCVE	e P	08:25:45.09	BZ			
	IAMB	08:25:46.63	BZ	0.109	1.3	
PBDV	e P	08:25:45.78	BZ			
	IAMB	08:25:48.90	BZ	0.086	2.1	
PMTG	e P	08:25:44.66	BZ			
	IAMB	08:25:46.24	BZ	0.108	1.3	
COI	e P	08:25:45.88	BZ			
	IAMB	08:25:46.94	BZ	0.534	1.1	
PTO	e P	08:25:45.25	SZ			
	IAMB	08:25:46.68	SZ	0.216	1.4	
EVO	e P	08:25:45.17	BZ			
	IAMB	08:25:47.06	BZ	0.190	1.5	
PARRA	e P	08:25:45.92	BZ			
	IAMB	08:25:47.90	BZ	0.068	2.4	
PBEJ	e P	08:25:45.71	SZ			
	IAMB	08:25:51.17	SZ	0.074	1.6	
PSARD	e P	08:25:45.72	BZ			
	IAMB	08:25:46.86	BZ	0.156	1.3	
PVAQ	e P	08:25:46.07	BZ			
	IAMB	08:26:10.69	BZ	0.081	1.5	
	e LR	08:50:11.44	LZ			
	IAMS_20	09:00:39.46	LZ	1.044	20	
PGAV	e P	08:25:47.69	BZ			
	IAMB	08:25:49.15	BZ	0.131	1.3	
	e LR	08:51:03.77	LZ			
PESTR	e P	08:25:47.85	BZ			
	IAMB	08:25:49.34	BZ	0.252	1.2	

PVIS	e P	08:25:47.96	BZ			
PCAB	e P	08:25:52.46	SZ			
	IAMB	08:25:59.00	SZ	0.142	1.5	
POLO	e P	08:25:50.04	BZ			
	IAMB	08:25:51.64	BZ	0.237	1.2	
PMRV	e P	08:25:48.71	BZ			
	IAMB	08:25:50.43	BZ	0.123	1.3	
	e LR	08:50:46.32	LZ			
	IAMS_20	09:00:21.77	LZ	0.764	20	
MTE	e P	08:25:49.43	BZ			
	IAMB	08:25:53.56	BZ	0.099	1.6	
	e LR	08:50:38.57	LZ			
	IAMS_20	09:01:29.76	LZ	0.997	20	
PVRL	e P	08:25:49.98	SZ			
	IAMB	08:25:51.51	SZ	0.203	1.4	
PBAR	e P	08:25:49.84	BZ			
	IAMB	08:25:51.48	BZ	0.102	1.3	
MVO	e P	08:25:52.33	BZ			
	IAMB	08:25:53.98	BZ	0.179	1.2	
	e LR	08:51:23.15	LZ			
	IAMS_20	09:00:21.66	LZ	0.715	20	
PBRG	e P	08:25:52.87	BZ			
	IAMB	08:25:54.17	BZ	0.105	1.4	

10-Jan	Ho	09:57:50.9	Distante (NEIC)	mb	4.7	
	Lat	08.911°N	Lon	39.914°E	Prof	10
	Região:	Ethiopia				
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e P	10:06:55.49	BZ			
PESTR	e P	10:07:00.84	BZ			
PMRV	e P	10:06:59.45	BZ			
PARRA	e P	10:07:02.91	BZ			
MTE	e P	10:07:03.44	BZ			
PCAS	e P	10:07:09.00	BZ			

10-Jan	Ho	13:10:28.0	Distante (NEIC)	mb	4.8	
	Lat	08.792°N	Lon	39.965°E	Prof	10
	Região:	Ethiopia				
<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	13:19:34.28	BZ			
	IAMB	13:19:34.86	BZ	0.021	1.4	
PESTR	e P	13:19:39.12	BZ			
	IAMB	13:19:42.37	BZ	0.044	1.9	
EVO	e P	13:19:40.44	BZ			
PARRA	e P	13:19:39.34	BZ			
PLOUS	e P	13:19:40.88	BZ			
MOE	e P	13:19:43.11	BZ			
PMTG	e P	13:19:43.13	BZ			
PVIS	e P	13:19:46.55	BZ			

10-Jan	Ho	16:14:36.2	ML 1.3			
	Lat	38.576°N	Lon	07.994°W	Prof	12
	Região:	W Evora	Rms	0.3		
	AxMax	1.8	AxMin	1.7	Ang	105
					ErrZ	3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	16:14:38.55	HZ			
	e Sg	16:14:40.56	HN			
	IAML	16:14:40.84	HZ	0.129	0.2	
PARRA	e Pg	16:14:40.93	HZ			
	e Sg	16:14:44.58	HE			
	IAML	16:14:44.87	HZ	0.030	0.3	
MOE	e Pg	16:14:41.53	HZ			
	e Sg	16:14:45.64	HN			
	IAML	16:14:45.99	HZ	0.023	0.3	
PESTR	i Pg	16:14:44.01	HZ			
	e Sg	16:14:49.81	HE			
	IAML	16:14:50.24	HZ	0.005	0.3	
PMTG	e Pg	16:14:45.53	HZ			
	e Sg	16:14:52.74	HE			
	IAML	16:14:57.54	HZ	0.002	0.2	
PBEJ	e Sg	16:14:54.15	EE			
PLOUS	e Pg	16:14:47.91	HZ			
	e Sg	16:14:56.46	HE			
	IAML	16:14:58.43	HZ	0.006	0.2	
GRNL	e Pg	16:14:48.22	CZ			
	e Sg	16:14:57.30	CE			
	IAML	16:14:59.25	CZ	0.005	0.3	

MESJ	e Pg	16:14:50.16	HZ					PTEO	e S	00:08:53.27	HN				
	e Sg	16:14:59.80	HN					PBDV	e P	00:08:41.43	HZ				
	IAML	16:15:01.90	HZ	0.006	1.1				e S	00:09:01.15	HE				
PBAR	e P	16:14:51.54	HZ					PCVE	e S	00:09:04.13	HE				
	e S	16:15:02.01	HE					MESJ	e P	00:08:43.41	HZ				
	IAML	16:15:04.76	HZ	0.006	0.4				e S	00:09:04.71	HN				
PCVE	e P	16:14:53.49	HZ					GRNL	e P	00:08:42.66	CZ				
	e S	16:15:05.68	HE						e S	00:09:06.84	CE				
	IAML	16:15:06.61	HZ	0.005	0.3			PLOUS	e S	00:09:05.43	HE				
PMRV	e P	16:14:54.19	HZ					PVAQ	e P	00:08:44.37	HZ				
	e S	16:15:06.40	HE						e S	00:09:06.36	H2				
	IAML	16:15:07.68	HZ	0.004	0.2				IAML	00:09:15.15	HZ	0.002	0.9		
PSARD	e P	16:14:54.88	HZ					11-Jan Ho 00:19:00.7 Distante (NEIC) mb 5.2							
	e S	16:15:08.57	HN					Lat 09.263°N Lon 40.166°E Prof 10							
	IAML	16:15:10.00	HZ	0.011	0.2			Região: Ethiopia							
PMAFR	e S	16:15:10.46	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>	
PTEO	e S	16:15:12.53	HN					PVAQ	e LR	00:47:47.62	LZ				
	IAML	16:15:13.37	HZ	0.009	0.6				IAMs_20	00:52:33.55	LZ	1.945	18		
PVAQ	e P	16:14:57.71	HZ					PESTR	e P	00:28:08.25	BZ				
	e S	16:15:12.91	H1						IAMB	00:28:11.97	BZ	0.055	2.3		
	IAML	16:15:16.04	HZ	0.002	0.3			PMRV	e P	00:28:08.25	BZ				
PCBR	e S	16:15:16.55	EE						IAMB	00:28:12.18	BZ	0.047	2.0		
PBDV	e S	16:15:16.62	HN						e LR	00:47:42.54	LZ				
	IAML	16:15:20.46	HZ	0.003	0.2				IAMs_20	00:53:40.64	LZ	2.370	16		
PFVI	e Sn	16:15:22.44	HE					EVO	e P	00:28:09.88	BZ				
	e Sg	16:15:24.59	HN						IAMB	00:28:13.63	BZ	0.149	2.1		
10-Jan								PARRA	e P	00:28:09.51	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>			IAMB	00:28:15.74	BZ	0.047	1.8		
MOE	e Pg	21:38:08.98	HZ					PLOUS	e P	00:28:10.63	BZ				
	e Sg	21:38:11.39	HN						IAMB	00:28:13.42	BZ	0.066	1.7		
	IAML	21:38:11.66	HZ	0.001	0.1			MVO	e LR	00:48:48.59	LZ				
PARRA	e Pg	21:38:10.72	HZ						IAMs_20	00:54:05.32	LZ	1.883	16		
	e Sg	21:38:14.50	HN					MTE	e LR	00:50:31.48	LZ				
	IAML	21:38:14.98	HZ	0.001	0.1				IAMs_20	00:53:28.17	LZ	1.270	16		
EVO	e Sg	21:38:14.00	HN					PMTG	e P	00:28:11.51	BZ				
	IAML	21:38:14.49	HZ	0.003	0.1				IAMB	00:28:15.97	BZ	0.038	2.2		
PMTG	e Sg	21:38:19.68	HE					PSARD	e P	00:28:14.88	BZ				
10-Jan								PVIS	e P	00:28:15.45	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>		PCAS	e P	00:28:16.03	BZ				
PFVI	e P	23:09:18.55	HZ					POLO	e P	00:28:17.28	BZ				
PVAQ	e P	23:09:23.34	HZ					PMAFR	e P	00:28:18.45	BZ				
	e S	23:10:30.64	H2					PGAV	e P	00:28:21.41	BZ				
PCVE	e P	23:09:25.73	HZ						e LR	00:50:12.43	LZ				
PARRA	e P	23:09:41.81	HZ						IAMs_20	00:54:41.44	LZ	1.510	16		
PMRV	e P	23:09:50.41	HZ					PMOZ	e LR	00:54:12.83	LZ				
PSARD	e P	23:09:52.82	HZ						IAMs_20	00:55:38.24	LZ	2.078	16		
10-Jan Ho 23:10:00.4 ML 0.8								11-Jan Ho 03:01:17.2 ML 3.2							
								Lat 41.449°N Lon 08.517°W Prof 15*							
								Região: N Famalicão Rms 0.4							
								AxMax 4.7 AxMin 2.2 Ang 91 ErrZ 0							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PTO	e Pg	23:10:07.19	EZ					PBRG	e Pn	03:02:35.34	HZ				
	e Sg	23:10:10.59	EE						e Sn	03:03:33.18	HE				
PCAB	e Pg	23:10:13.39	EZ						IAML	03:04:07.31	HZ	0.016	0.4		
	e Sg	23:10:19.49	EE					MVO	e Pn	03:02:42.21	HZ				
	IAML	23:10:21.28	EZ	0.006	0.3				e Sn	03:03:44.03	HE				
PGAV	e Pg	23:10:11.00	HZ						IAML	03:04:25.70	HZ	0.029	0.7		
	e Sg	23:10:18.13	HN					PVRL	e Pn	03:02:48.67	EZ				
	IAML	23:10:19.49	HZ	0.003	0.1				e Sn	03:03:54.79	EE				
POLO	e Pg	23:10:11.50	HZ						IAML	03:04:40.24	EZ	0.015	0.6		
	e Sg	23:10:18.22	HN					POLO	e Pn	03:02:49.39	HZ				
	IAML	23:10:21.76	HZ	0.003	0.7				e Sn	03:03:55.71	HN				
PVIS	e P	23:10:15.92	HZ						IAML	03:04:39.89	HZ	0.015	0.5		
	e S	23:10:28.02	HN					PCAB	e Pn	03:02:54.14	EZ				
MVO	e S	23:10:35.58	HN						e Sn	03:04:02.15	EE				
11-Jan Ho 00:08:15.3 ML 1.3									IAML	03:04:52.46	EZ	0.018	0.5		
								MTE	e Pn	03:02:51.66	HZ				
									e Sn	03:04:00.40	HN				
									IAML	03:04:52.97	HZ	0.022	0.7		
								PGAV	e Pn	03:02:51.86	HZ				
									e Sn	03:04:00.71	HE				
									IAML	03:04:44.14	HZ	0.009	0.4		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		PVIS	e Pn	03:02:52.32	HZ				
PFVI	e P	00:08:31.84	HZ						e Sn	03:04:02.75	HE				
	e S	00:08:44.71	HN						e Sg	03:04:38.84	HE				
MORF	e P	00:08:34.91	HZ					PCBR	e Sn	03:04:04.59	EE				
	e S	00:08:49.83	HE												

PMRV	e Pn	03:02:55.75	HZ							PESTR	e S	04:43:25.26	HE						
	e Sn	03:04:08.63	HN							PMTG	e S	04:43:31.68	HE						
	IAML	03:04:11.15	HZ	0.019	0.5					PMRV	e S	04:43:39.45	HE						
PSARD	e Pn	03:03:01.66	HZ							PSARD	e S	04:43:43.41	HE						
	e Sn	03:04:18.90	HN							11-Jan									
	IAML	03:05:09.66	HZ	0.013	0.4					<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PCAS	e Pn	03:03:03.23	HZ							MORF	e Pg	05:39:21.16	HZ						
	e Sn	03:04:19.91	HN								e Sg	05:39:23.10	HE						
	IAML	03:05:17.18	HZ	0.011	0.6						IAML	05:39:23.45	HZ	0.012	0.1				
PESTR	e Pn	03:03:02.02	HZ							PFVI	e Sg	05:39:28.41	HN						
	e Sn	03:04:20.12	HE							PBDV	e Sg	05:39:36.59	HN						
	IAML	03:05:17.38	HZ	0.009	0.5					11-Jan									
PBAR	e Pn	03:03:04.35	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 Sn	03:04:21.23	HN							PVAQ	e Pn	08:12:55.97	HZ						
	IAML	03:05:17.88	HZ	0.010	0.8						e Sn	08:13:31.59	H1						
PMTG	e Pn	03:03:05.73	HZ								e Sg	08:13:34.72	HE						
	e Sn	03:04:26.15	HN							PBAR	IAML	08:13:56.57	HZ	0.002	0.7				
	IAML	03:05:29.91	HZ	0.010	0.6					PESTR	e Sn	08:13:40.38	HN						
PARRA	e Pn	03:03:05.64	HZ							PARRA	e Sn	08:13:45.65	HN						
	e Sn	03:04:27.48	HE								e Sg	08:14:05.99	HN						
	IAML	03:05:24.09	HZ	0.005	0.5					PMTG	e Sn	08:13:51.79	HN						
EVO	e Pn	03:03:07.98	HZ							11-Jan Ho 09:43:52.6 ML 2.1									
	e Sn	03:04:31.24	HN							Lat 35.490°N		Lon 03.590°W		Prof 20		Região: NE Al Hoceima (MARR)			
	IAML	03:05:48.35	HZ	0.015	0.5					AxMax 4.3		AxMin 4.0		Ang 61		Rms 0.5			
MOE	e Pn	03:03:10.79	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 Sn	03:04:35.88	HE							PVAQ	e P	09:44:49.64	HZ						
	IAML	03:04:37.27	HZ	0.018	0.4						e S	09:45:32.17	H2						
PBEJ	e Sn	03:04:34.13	EE								IAML	09:45:34.53	HZ	0.003	0.6				
	IAML	03:04:37.06	EZ	0.008	0.5					PBAR	e P	09:44:49.99	HZ						
MESJ	e Sn	03:04:44.13	HE								e S	09:45:33.21	HE						
	IAML	03:05:53.34	HZ	0.007	0.7						IAML	09:45:37.23	HZ	0.002	0.3				
PLOUS	e Pn	03:03:17.03	HZ							PBDV	e P	09:44:50.73	HZ						
	e Sn	03:04:44.48	HN								e S	09:45:34.07	HE						
	IAML	03:04:48.01	HZ	0.006	0.4						IAML	09:45:39.93	HZ	0.003	0.3				
PVAQ	e Pn	03:03:16.30	HZ							PCVE	e P	09:44:55.16	HZ						
	e Sn	03:04:41.75	H1								e S	09:45:40.35	HE						
	IAML	03:05:51.16	HZ	0.006	0.6						IAML	09:45:43.09	HZ	0.003	0.9				
PMAFR	e Pn	03:03:17.06	HZ							MESJ	e P	09:44:58.10	HZ						
	e Sn	03:04:45.58	HE							PTEO	e S	09:45:52.36	HE						
PCVE	e Sn	03:04:44.35	HE							PLOUS	e P	09:45:00.78	HZ						
GRNL	e Pn	03:03:17.34	CZ								e S	09:45:51.38	HN						
	e Sn	03:04:45.06	CN							EVO	e P	09:45:01.42	HZ						
PBDV	e Pn	03:03:19.82	HZ								IAML	09:45:57.24	HZ	0.005	0.5				
	e Sn	03:04:47.22	HN							GRNL	e P	09:45:02.63	CZ						
	IAML	03:06:06.89	HZ	0.007	0.6						e S	09:45:55.51	CN						
PTEO	e Pn	03:03:23.74	HZ							PARRA	e P	09:45:04.18	HZ						
	e Sn	03:04:54.41	HN								e S	09:45:56.97	HE						
MORF	e Pn	03:03:25.51	HZ								IAML	09:46:12.71	HZ	0.001	0.5				
	e Sn	03:04:58.60	HE							MOE	e P	09:45:04.74	HZ						
PFVI	e Pn	03:03:27.75	HZ								e S	09:45:58.40	HN						
	e Sn	03:05:03.41	HN								IAML	09:46:10.61	HZ	0.004	0.6				
11-Jan Ho 04:42:23.4 ML 1.1										11-Jan Ho 10:40:46.1 ML 2.5									
		Lat 36.561°N		Lon 07.732°W		Prof 25		Região: Golfo de Cádiz		Lat 35.414°N		Lon 03.601°W		Prof 18		Região: NE Al Hoceima (MARR)			
		AxMax 6.4		AxMin 5.4		Ang 42		Rms 0.4		AxMax 2.2		AxMin 2.1		Ang 163		Rms 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>				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e Pg	04:42:36.39	HZ							PVAQ	e P	10:41:43.84	HZ						
	e Sg	04:42:45.78	HN								e S	10:42:28.41	H1						
	IAML	04:42:48.83	HZ	0.002	0.7						IAML	10:42:31.32	HZ	0.006	0.6				
PVAQ	e P	04:42:37.67	HZ							PBAR	e P	10:41:44.46	HZ						
	e S	04:42:49.42	H1								e S	10:42:27.11	HE						
	IAML	04:42:49.74	HZ	0.003	0.3						IAML	10:42:37.06	HZ	0.003	0.2				
MORF	e S	04:42:54.13	HE							PBDV	e P	10:41:45.06	HZ						
PFVI	e S	04:42:54.54	HN								e S	10:42:30.80	HE						
PCVE	e S	04:42:55.61	HN								IAML	10:42:32.35	HZ	0.004	0.7				
	IAML	04:42:55.95	HZ	0.002	0.2														
MESJ	e S	04:43:01.09	HE																
PLOUS	e P	04:42:49.18	HZ																
	e S	04:43:07.25	HE																
GRNL	e S	04:43:09.49	CE																
PBAR	e S	04:43:09.53	HN																
EVO	e S	04:43:16.02	HE																
MOE	e P	04:42:55.35	HZ																
	e S	04:43:19.58	HE																
PARRA	e P	04:42:58.16	HZ																
	e S	04:43:23.49	HE																

PBDV	e Sg	18:41:47.50	HN					PLOUS	e P	22:23:14.97	HZ		
PCVE	e Pg	18:41:41.15	HZ						e S	22:23:34.87	HN		
	e Sg	18:41:48.63	HN						IAML	22:23:45.12	HZ	0.002	0.6
MESJ	e Sg	18:41:51.94	HN					PVAQ	e P	22:23:16.48	HZ		
	IAML	18:41:54.26	HZ	0.001	0.3				e S	22:23:35.82	H2		
PVAQ	e Pg	18:41:43.41	HZ					MOE	e P	22:23:21.72	HZ		
	e Sg	18:41:52.56	H2						e S	22:23:46.89	HE		
PLOUS	e S	18:41:54.71	HE					EVO	e S	22:23:49.28	HN		
GRNL	e P	18:41:46.06	CZ					PMAFR	e P	22:23:23.59	HZ		
	e S	18:41:57.99	CN						e S	22:23:50.13	HE		
PARRA	e S	18:42:16.87	HN					PARRA	e P	22:23:26.16	HZ		
									e S	22:23:54.33	HN		
11-Jan	Ho	19:37:54.9						PBAR	e P	22:23:28.16	HZ		
	Lat	38.786°N	Lon	08.406°W					e S	22:23:56.87	HE		
	Região:	NE Vendas Novas						PMTG	e P	22:23:28.70	HZ		
	AxMax	2.5	AxMin	1.6	Ang	100			e S	22:23:58.27	HE		
								PMRV	e P	22:23:37.56	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>							
MOE	e Pg	19:38:00.13		HZ									
	e Sg	19:38:04.03		HN									
	IAML	19:38:04.43		HZ	0.024	0.1							
PARRA	e Pg	19:38:00.51		HZ									
	e Sg	19:38:05.05		HN									
	IAML	19:38:05.47		HZ	0.012	0.2							
PMTG	i Pg	c 19:38:01.09		HZ									
	e Sg	19:38:05.72		HE									
	IAML	19:38:06.54		HZ	0.021	0.2							
EVO	e Pg	19:38:02.28		HZ									
	e Sg	19:38:08.03		HN									
	IAML	19:38:09.69		HZ	0.013	0.1							
PESTR	e Pg	19:38:06.67		HZ									
	e Sg	19:38:15.15		HN									
	IAML	19:38:16.99		HZ	0.004	0.1							
GRNL	e Pg	19:38:07.32		CZ									
	e Sg	19:38:15.77		CE									
	IAML	19:38:17.51		CZ	0.004	0.8							
PMAFR	e P	19:38:07.72		HZ									
	e S	19:38:17.36		HE									
	IAML	19:38:19.05		HZ	0.007	0.8							
PLOUS	e P	19:38:08.44		HZ									
	e S	19:38:18.10		HN									
	IAML	19:38:19.43		HZ	0.004	0.1							
PSARD	e P	19:38:10.05		HZ									
	e S	19:38:21.09		HE									
	IAML	19:38:21.89		HZ	0.005	0.2							
PMRV	e P	19:38:13.17		HZ									
	e S	19:38:26.30		HN									
	IAML	19:38:27.45		HZ	0.002	0.3							
PCVE	e P	19:38:15.39		HZ									
	e S	19:38:30.62		HN									
	IAML	19:38:32.11		HZ	0.002	0.4							
PBAR	e P	19:38:16.90		HZ									
	e S	19:38:33.03		HE									
	IAML	19:38:36.11		HZ	0.002	0.3							
PTEO	e P	19:38:17.19		HZ									
	e S	19:38:33.84		HE									
PVAQ	e P	19:38:22.51		HZ									
	e S	19:38:39.53		H2									
	IAML	19:38:41.39		HZ	0.002	0.4							
MORF	e S	19:38:40.67		HN									
11-Jan	Ho	22:22:49.2											
	Lat	36.694°N	Lon	09.649°W									
	Região:	SW Cabo S.Vicente											
	AxMax	5.3	AxMin	5.0	Ang	21							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>							
PFVI	e P	22:23:03.43		HZ									
	e S	22:23:14.45		HN									
	IAML	22:23:15.11		HZ	0.008	0.6							
MORF	e S	22:23:19.72		HN									
PTEO	e S	22:23:22.66		HE									
PBDV	e S	22:23:31.01		HE									
PCVE	e P	22:23:14.67		HZ									
	e S	22:23:33.90		HN									
MESJ	e P	22:23:14.86		HZ									
	e S	22:23:34.29		HN									
GRNL	e P	22:23:15.17		CZ									
	e S	22:23:35.29		CN									
12-Jan	Ho	00:24:27.1											
	Lat	42.519°N	Lon	08.574°W									
	Região:	NE Pontevedra (ESP)											
	AxMax	3.0	AxMin	1.4	Ang	101							
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>							
PGAV	e Pg	d 00:24:38.01		HZ									
	e Sg	00:24:46.16		HN									
	IAML	00:24:47.04		HZ	0.289	0.4							
PCAB	e P	00:24:47.31		EZ									
	e S	00:25:00.26		EN									
	IAML	00:25:01.45		EZ	0.275	0.1							
POLO	e Pn	d 00:24:48.61		HZ									
	e Pg	00:24:50.47		HZ									
	e Sn	00:25:03.62		HN									
	e Sg	00:25:07.46		HE									
	IAML	00:25:13.84		HZ	0.059	0.3							
PTO	e Pg	00:24:51.18		EZ									
	e Sg	00:25:08.68		EE									
	IAML	00:25:11.92		EZ	0.177	0.3							
PVRL	e Pn	00:24:49.37		EZ									
	e Sn	00:25:07.69		EN									
	IAML	00:25:16.05		EZ	0.116	0.1							
PBRG	e Pn	00:24:49.63		HZ									
	e Pg	00:24:55.68		HZ									
	e Sg	00:25:11.86		HN									
	IAML	00:25:14.37		HZ	0.085	0.1							
MVO	e Pn	00:24:54.83		HZ									
	e Pg	00:25:00.52		HZ									
	e Sg	00:25:22.86		HN									
	IAML	00:25:27.92		HZ	0.048	0.5							
PVIS	e Pn	c 00:24:55.93		HZ									
	e Pg	00:25:00.48		HZ									
	e Sg	00:25:25.04		HE									
MTE	e Pn	00:25:01.18		HZ									
	e Pg	00:25:07.32		HZ									
	e Sg	00:25:36.60		HE									
	IAML	00:25:42.04		HZ	0.060	0.5							
COI	e Sn	00:25:28.74		HN									
	e Sg	00:25:37.66		HN									
PCAS	e Pn	00:25:04.56		HZ									
	e Pg	00:25:12.42		HZ									
	e Sn	00:25:31.90		HE									
	e Sg	00:25:42.87		HN									
	IAML	00:25:50.42		HZ	0.027	0.6							
PCBR	e Sn	00:25:39.61		EE									
	e Sg	00:25:53.45		EE									
PSARD	e Pn	00:25:10.89		HZ									
	e Pg	00:25:20.58		HZ									
	e Sn	00:25:42.94		HE									
	e Sg	00:25:57.16		HN									
	IAML	00:26:00.84		HZ	0.037	0.2							
PMRV	e Pn	00:25:14.65		HZ									
	e Pg	00:25:25.90		HZ									
	e Sn	00:25:50.09		HE									
	e Sg	00:26:05.94		HE									
	IAML	00:26:15.79		HZ	0.014	0.3							
PMTG	e Pn	00:25:17.66		HZ									
	e Sn	00:25:55.08		HN									
	e Sg	00:26:13.88		HN									
	IAML	00:26:17.23		HZ	0.005	0.1							

12-Jan Ho 03:15:56.6 ML 0.7 Lat 37.317°N Lon 08.608°W Prof 16 Região: W Monchique Rms 0.3 AxMax 2.6 AxMin 1.7 Ang 116 ErrZ 5							12-Jan Ho 05:52:18.0 ML 0.9 Lat 37.135°N Lon 07.431°W Prof 15 Região: S V.R.Sto António Rms 0.3 AxMax 4.3 AxMin 2.6 Ang 156 ErrZ 4						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	<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	03:15:59.08		HZ			PVAQ	e Pg	05:52:24.75		HZ		
	e Sg	03:16:01.50		HN				e Sg	05:52:30.01		H1		
	IAML	03:16:02.09		HZ	0.007	0.4		IAML	05:52:31.10		HZ	0.004	0.2
PTEO	e Pg	03:16:01.92		HZ			PBDV	e Pg	05:52:25.56		HZ		
	e Sg	03:16:05.70		HN				e Sg	05:52:31.34		HN		
	IAML	03:16:06.00		HZ	0.002	0.1		IAML	05:52:32.06		HZ	0.003	0.3
PFVI	e Pg	03:16:01.72		HZ			PCVE	e P	05:52:30.55		HZ		
	e Sg	03:16:05.57		HN				e S	05:52:40.15		HE		
	IAML	03:16:06.47		HZ	0.007	0.4		IAML	05:52:41.73		HZ	0.006	0.7
PBDV	e Pg	03:16:06.93		HZ			MESJ	e P	05:52:34.65		HZ		
	e Sg	03:16:14.65		HE				e S	05:52:47.20		HE		
	IAML	03:16:15.24		HZ	0.001	0.1		IAML	05:52:49.06		HZ	0.002	0.5
PCVE	e Pg	03:16:07.04		HZ			PBEJ	e S	05:52:48.30		EE		
	e Sg	03:16:14.14		HN			PBAR	e S	05:52:51.32		HN		
	IAML	03:16:15.22		HZ	0.002	0.5		IAML	05:52:54.42		HZ	0.002	0.6
MESJ	e Pg	03:16:08.08		HZ			PFVI	e S	05:52:52.11		HE		
	e Sg	03:16:16.07		HN			PTEO	e P	05:52:38.16		HZ		
	IAML	03:16:19.16		HZ	0.002	0.2		e S	05:52:52.56		HN		
PVAQ	e P	03:16:09.54		HZ			PLOUS	e P	05:52:38.81		HZ		
	e S	03:16:19.38		H2				e S	05:52:53.94		HE		
	IAML	03:16:21.22		HZ	0.002	0.5	GRNL	e Sg	05:52:59.17		CN		
PLOUS	e P	03:16:10.20		HZ			PARRA	e Sg	05:53:11.69		HE		
	e S	03:16:19.78		HE									
	IAML	03:16:22.81		HZ	0.002	0.6							
GRNL	e P	03:16:11.31		CZ									
	e S	03:16:21.64		CE									
	IAML	03:16:22.60		CZ	0.002	0.4							
PBEJ	e S	03:16:24.95		EN									
MOE	e S	03:16:35.37		HN									
PARRA	e Pn	03:16:21.79		HZ									
	e Sg	03:16:45.30		HN									
PESTR	e Sg	03:16:49.79		HE									
PMTG	e Sg	03:16:52.14		HE									
12-Jan Ho 05:24:45.5 ML 0.6 Lat 38.728°N Lon 07.891°W Prof 12 Região: E Arraiolos Rms 0.3 AxMax 1.9 AxMin 1.4 Ang 91 ErrZ 3							12-Jan Ho 06:17:60.0 ML 1.7 Lat 35.735°N Lon 08.740°W Prof 31 Região: Mar de Marrocos Rms 0.4 AxMax 4.0 AxMin 3.5 Ang 85 ErrZ 8						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	05:24:48.98		HZ			PFVI	e P	06:18:21.59		HZ		
	e Sg	05:24:51.76		HE				e S	06:18:37.71		HE		
	IAML	05:24:52.09		HZ	0.003	0.3		IAML	06:18:40.82		HZ	0.008	0.7
EVO	e Pg	05:24:49.97		HZ			MORF	e P	06:18:23.93		HZ		
	e Sg	05:24:53.40		HE				e S	06:18:42.88		HE		
PESTR	e Pg	05:24:50.96		HZ				IAML	06:18:43.93		HZ	0.007	1.0
	e Sg	05:24:55.10		HN			PMONC	e S	06:18:42.63		H2		
	IAML	05:24:56.19		HZ	0.007	0.7		IAML	06:18:44.17		HZ	0.012	0.4
MOE	e Pg	05:24:52.97		HZ			PBDV	e P	06:18:25.20		HZ		
	e Sg	05:24:58.47		HN				e S	06:18:44.23		HN		
	IAML	05:24:59.54		HZ	0.005	0.8		IAML	06:19:01.86		HZ	0.003	0.8
PMTG	e Pg	05:24:53.23		HZ			PTEO	e P	06:18:27.32		HZ		
	e Sg	05:24:59.58		HE				e S	06:18:47.87		HN		
	IAML	05:25:00.48		HZ	0.004	0.6		IAML	06:18:53.89		HZ	0.008	0.6
PBEJ	e S	05:25:07.07		EE			PVAQ	e P	06:18:28.27		HZ		
PMRV	e P	05:25:00.07		HZ				e S	06:18:49.68		H2		
	e S	05:25:10.79		HE				IAML	06:18:55.46		HZ	0.003	0.8
PLOUS	e P	05:25:00.42		HZ			PCVE	e P	06:18:30.04		HZ		
	e S	05:25:11.23		HN				e S	06:18:52.79		HN		
GRNL	e P	05:25:00.38		CZ				IAML	06:18:53.29		HZ	0.002	0.5
	e S	05:25:11.36		CE			MESJ	e P	06:18:32.57		HZ		
PBAR	e P	05:25:01.04		HZ				e S	06:18:56.13		HE		
	e S	05:25:13.06		HE				IAML	06:19:06.68		HZ	0.002	0.5
	IAML	05:25:14.91		HZ	0.002	0.7	PLOUS	e P	06:18:34.62		HZ		
PSARD	e P	05:25:01.49		HZ				e S	06:18:59.97		HE		
	e S	05:25:13.56		HE				IAML	06:19:02.57		HZ	0.002	0.2
	IAML	05:25:15.15		HZ	0.002	0.3	GRNL	e P	06:19:02.39		CZ	0.005	0.7
MESJ	e P	05:25:02.78		HZ				e S	06:19:01.98		EE		
	e S	05:25:14.42		HN			PBEJ	e S	06:19:01.98		HZ		
PCVE	e S	05:25:19.44		HN			PBAR	e S	06:19:11.43		HE		
PVAQ	e S	05:25:26.33		H1				IAML	06:19:15.26		HZ	0.001	0.9
PBDV	e S	05:25:30.21		HE			MOE	e P	06:18:41.43		HZ		
								e S	06:19:12.29		HE		
								IAML	06:19:13.51		HZ	0.003	0.5
							EVO	e P	06:18:41.79		HZ		
								e S	06:19:12.85		HE		
							PARRA	e P	06:18:45.10		HZ		
								IAML	06:19:13.37		HZ	0.002	0.7
								e S	06:19:19.44		HE		
							PMAFR	e S	06:19:23.50		HN		
							PESTR	e P	06:18:48.13		HZ		
								e S	06:19:22.34		HN		

PMTG	e P	06:18:48.48	HZ					COI	e P	d	08:45:05.37	BZ		
	e S	06:19:24.35	HE						IAmb		08:45:08.57	BZ	0.555	1.6
	IAML	06:19:24.50	HZ	0.004	0.7				e pP		08:45:21.53	BZ		
PMRV	e P	06:18:55.17	HZ					POLO	e P	d	08:45:06.56	BZ		
	e S	06:19:37.71	HN						IAmb		08:45:08.28	BZ	0.435	1.3
PSARD	e P	06:18:57.10	HZ						e pP		08:45:22.85	BZ		
	e S	06:19:38.81	HN					PVRL	e P	d	08:45:05.97	SZ		
	IAML	06:19:39.36	HZ	0.004	0.7				IAmb		08:45:09.47	SZ	0.460	1.7
MTE	e S	06:19:59.34	HE					PVIS	e P	d	08:45:06.15	BZ		
POLO	e S	06:20:21.90	HN					PSARD	e P	d	08:45:06.96	BZ		
									IAmb		08:45:09.76	BZ	0.521	1.2
12-Jan	Ho	07:21:47.0	Distante (NEIC)	mb	4.8				e pP		08:45:23.01	BZ		
	Lat	08.990°N	Lon	39.950°E	Prof	10		PMTG	e P	d	08:45:07.53	BZ		
	Região:	Ethiopia							IAmb		08:45:10.08	BZ	0.508	1.6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			e pP		08:45:23.50	BZ		
PBAR	e P	07:30:50.69		BZ				GRNL	e P	d	08:45:07.72	BZ		
	IAmb	07:31:20.22		BZ	0.024	1.8			e pP		08:45:23.90	BZ		
PVAQ	e LR	07:54:50.75		LZ				MOE	e P	d	08:45:08.12	BZ		
	IAMs_20	07:57:45.72		LZ	0.144	18			IAmb		08:45:10.77	BZ	0.494	1.7
PESTR	e P	07:30:55.15		BZ					e pP		08:45:24.16	BZ		
PMRV	e P	07:30:56.25		BZ				PTEO	e P	d	08:45:08.38	BZ		
	IAmb	07:31:41.85		BZ	0.024	1.8			IAmb		08:45:11.95	BZ	0.571	1.8
	e LR	07:54:47.87		LZ					e pP		08:45:24.49	BZ		
	IAMs_20	07:55:28.74		LZ	0.169	18		MTE	e P	d	08:45:07.88	BZ		
EVO	e P	07:30:57.54		BZ					IAmb		08:45:09.64	BZ	0.492	1.1
	IAmb	07:31:00.98		BZ	0.090	1.8			e pP		08:45:24.33	BZ		
PARRA	e P	07:30:58.42		BZ					e S		08:55:19.69	LE		
	IAmb	07:31:01.87		BZ	0.022	1.9			e LQ		09:07:17.97	LN		
PLOUS	e P	07:30:58.24		BZ					e LR		09:12:20.87	LZ		
	IAmb	07:32:10.32		BZ	0.030	1.7			IAMs_20		09:20:52.17	LZ	6.863	22
PTEO	e P	07:30:56.82		BZ				PFVI	e P	d	08:45:08.59	BZ		
GRNL	e P	07:30:59.05		BZ					IAmb		08:45:11.28	BZ	0.414	1.9
MVO	e LR	07:54:39.26		LZ					e pP		08:45:24.37	BZ		
	IAMs_20	07:55:35.37		LZ	0.223	20		PLOUS	e P	d	08:45:08.37	BZ		
MTE	e LR	07:55:51.07		LZ					IAmb		08:45:11.17	BZ	0.221	1.8
	IAMs_20	07:56:25.62		LZ	0.152	16			e pP		08:45:24.16	BZ		
PSARD	e P	07:31:00.55		BZ				MORF	e P	d	08:45:09.04	BZ		
PVIS	e P	07:31:00.82		BZ					IAmb		08:45:12.83	BZ	0.224	1.9
POLO	e P	07:31:04.64		BZ					e pP		08:45:24.82	BZ		
PGAV	e P	07:31:08.97		BZ				PARRA	e P	d	08:45:08.76	BZ		
	e LR	07:56:47.09		LZ					IAmb		08:45:11.31	BZ	0.391	1.8
	IAMs_20	07:57:23.10		LZ	0.237	14			e pP		08:45:24.66	BZ		
12-Jan	Ho	08:32:55.0	Distante (NEIC)	Mw	6.2			MVO	e P	d	08:45:09.06	BZ		
	Lat	18.730°N	Lon	103.100°W	Prof	86			IAmb		08:45:12.28	BZ	0.612	1.7
	Região:	Near Coast of Michoacan, Mexico							e pP		08:45:25.17	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 S		08:55:22.03	LE		
PMOZ	e P	08:44:39.35		BZ					e LQ		09:07:25.86	LN		
	IAmb	08:44:43.02		BZ	0.354	1.7			e LR		09:12:32.83	LZ		
	e pP	08:45:01.06		BZ					IAMs_20		09:24:08.18	LZ	6.858	20
	e S	08:54:26.83		LN				PBRG	e P	d	08:45:07.06	BZ		
	e LQ	09:04:57.35		LN					IAmb		08:45:09.68	BZ	0.293	1.4
	e LR	09:08:51.30		LZ					e pP		08:45:23.01	BZ		
	IAMs_20	09:16:23.43		LZ	3.940	20		EVO	e P	d	08:45:09.38	BZ		
PMAR	e P	08:44:40.59		BZ					IAmb		08:45:12.02	BZ	0.887	1.9
	IAmb	08:44:59.59		BZ	0.305	1.3			e pP		08:45:25.52	BZ		
PMPST	e P	08:44:42.71		BZ				MESJ	e P	d	08:45:09.67	BZ		
	IAmb	08:44:45.61		BZ	0.749	1.8			IAmb		08:45:11.38	BZ	0.296	1.3
	e pP	08:44:57.63		BZ					e pP		08:45:25.72	BZ		
PGAV	e P	08:45:02.78		BZ				PMRV	e P	d	08:45:10.24	BZ		
	IAmb	08:45:07.13		BZ	0.471	1.9			IAmb		08:45:11.88	BZ	0.605	1.2
	e pP	08:45:18.97		BZ					e pP		08:45:26.14	BZ		
	e S	08:55:10.36		LE					e S		08:55:24.95	LE		
	e LQ	09:06:12.62		LN					e LQ		09:07:25.94	LN		
	e LR	09:11:17.77		LZ					e LR		09:12:28.84	LZ		
	IAMs_20	09:23:32.57		LZ	6.617	20			IAMs_20		09:25:51.76	LZ	4.705	20
PTO	e P	08:45:02.60		SZ				PESTR	e P	d	08:45:10.30	BZ		
	IAmb	08:45:06.02		SZ	0.465	1.9			IAmb		08:45:12.03	BZ	0.308	1.4
	e pP	08:45:19.62		SZ					e pP		08:45:26.30	BZ		
PMAFR	e P	08:45:03.35		BZ				PCVE	e P	d	08:45:10.81	BZ		
	IAmb	08:45:05.44		BZ	0.378	1.5			IAML		08:45:13.54	BZ	0.315	2.0
	e pP	08:45:19.72		BZ					e pP		08:45:26.84	BZ		
PCAB	e P	08:45:09.30		SZ				PBEJ	e P	d	08:45:10.77	SZ		
	IAmb	08:45:12.68		SZ	0.547	1.7			IAmb		08:45:13.45	SZ	0.252	1.8
	e pP	08:45:25.81		SZ					e pP		08:45:26.79	SZ		
PCAS	e P	08:45:05.13		BZ				PBDV	e P	d	08:45:12.43	BZ		
	IAmb	08:45:08.81		BZ	0.986	1.6			IAmb		08:45:15.04	BZ	0.371	1.8
	e pP	08:45:21.20		BZ					e pP		08:45:28.44	BZ		

12-Jan	Ho	13:36:51.1			ML 1.0
	Lat	38.852°N	Lon	08.070°W	Prof 10
	Região:	SE Mora			Rms 0.3
	AxMax	3.4	AxMin	1.6	Ang 86
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	13:36:53.09		HZ	
	e Sg	13:36:54.83		HN	
	IAML	13:36:54.93		HZ	0.050 0.2
PMTG	e Pg	13:36:55.63		HZ	
	e Sg	13:36:59.03		HN	
	IAML	13:36:59.68		HZ	0.008 0.2
EVO	e Pg	13:36:57.21		HZ	
	e Sg	13:37:01.72		HE	
MOE	e Pg	c 13:36:58.27		HZ	
	e Sg	13:37:03.67		HN	
	IAML	13:37:04.06		HZ	0.014 0.2
PSARD	e P	13:37:04.75		HZ	
	e S	13:37:14.84		HN	
	IAML	13:37:17.28		HZ	0.006 0.2
GRNL	e S	13:37:17.96		CE	
	IAML	13:37:19.63		CZ	0.001 0.2
PBEJ	e S	13:37:17.74		EE	
	IAML	13:37:19.79		EZ	0.003 0.6
PLOUS	e S	13:37:18.13		HE	
	IAML	13:37:19.38		HZ	0.002 0.4
PMAFR	e P	13:37:08.65		HZ	
	e S	13:37:21.43		HN	
MESJ	e S	13:37:22.78		HN	
	IAML	13:37:24.87		HZ	0.003 0.7
PBAR	e P	13:37:10.14		HZ	
	e S	13:37:24.77		HN	
	IAML	13:37:26.98		HZ	0.002 0.1
PCBR	e S	13:37:24.88		EE	
PCVE	e S	13:37:28.93		HE	
	IAML	13:37:30.43		HZ	0.002 0.6
PCAS	e P	13:37:13.43		HZ	
	e S	13:37:30.02		HN	
PVAQ	e Pg	13:37:18.35		HZ	
	e Sg	13:37:37.22		H2	
	IAML	13:37:39.74		HZ	0.002 0.5

12-Jan	Ho	14:48:00.1			ML 1.1
	Lat	42.158°N	Lon	07.109°W	Prof 12
	Região:	NW Vinhais			Rms 0.4
	AxMax	3.7	AxMin	2.2	Ang 99
					ErrZ 10
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e Pg	14:48:06.56		HZ	
	e Sg	14:48:12.71		HN	
	IAML	14:48:13.16		HZ	0.005 0.1
PCAB	e P	14:48:19.89		EZ	
	e S	14:48:30.94		EN	
	IAML	14:48:32.50		EZ	0.005 0.1
PGAV	e P	14:48:16.25		HZ	
	e S	14:48:27.93		HE	
	IAML	14:48:28.57		HZ	0.021 0.7
POLO	e P	14:48:17.93		HZ	
	e S	14:48:29.50		HN	
	IAML	14:48:30.23		HZ	0.001 0.5
MVO	e P	14:48:18.14		HZ	
	e S	14:48:30.86		HE	
	IAML	14:48:31.84		HZ	0.003 0.2
PVRL	e P	14:48:18.10		EZ	
	e S	14:48:31.29		EN	
	IAML	14:48:33.22		EZ	0.004 0.1

12-Jan	Ho	15:18:58.3			ML 1.0
	Lat	42.433°N	Lon	08.112°W	Prof 0*
	Região:	NW Ourense (ESP)			Rms 0.5
	AxMax	3.9	AxMin	1.9	Ang 86
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PGAV	e Pg	c 15:19:07.00		HZ	
	e Sg	15:19:13.50		HE	
	IAML	15:19:13.95		HZ	0.004 0.2
POLO	e P	15:19:18.67		HZ	
	e S	15:19:32.95		HE	
	IAML	15:19:33.96		HZ	0.002 0.3
PBRG	e S	15:19:34.25		HN	

PVRL	e S	15:19:35.64	EN		
MVO	IAML	15:19:45.81	HZ	0.002	0.2
	e S	15:19:45.88	HE		

12-Jan	Ho	19:20:05.5			ML 0.5
	Lat	39.371°N	Lon	09.153°W	Prof 2*
	Região:	SW Caldas da Rainha			Rms 0.3
	AxMax	3.5	AxMin	1.8	Ang 122
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e Pg	19:20:13.46		HZ	
	e Sg	19:20:19.22		HE	
PMTG	e Pg	19:20:19.63		HZ	
	e Sg	19:20:30.76		HN	
	IAML	19:20:32.17		HZ	0.000 0.1
PSARD	e P	19:20:19.93		HZ	
	e S	19:20:31.30		HE	
	IAML	19:20:32.67		HZ	0.003 0.2
PARRA	e P	19:20:23.68		HZ	
	e S	19:20:38.30		HE	
MOE	e S	19:20:38.60		HN	
PESTR	e S	19:20:47.08		HE	
PMRV	e P	19:20:30.14		HZ	
	e S	19:20:47.87		HN	

12-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	PMAR	e P	c 20:32:02.58		HZ	
		e S	20:32:07.79		H1	
		IAML	20:32:08.55		HZ	0.029 0.5
	PMPST	e P	20:32:09.33		HZ	
		e S	20:32:19.57		HN	
	PMOZ	e S	20:32:10.04		HN	

12-Jan	Ho	21:27:55.7			ML 0.9
	Lat	41.230°N	Lon	06.646°W	Prof 15
	Região:	SE Mogadouro			Rms 0.4
	AxMax	2.5	AxMin	1.6	Ang 77
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
MVO	e Pg	c 21:28:01.75		HZ	
	e Sg	21:28:06.24		HN	
	IAML	21:28:06.42		HZ	0.005 0.1
PBRG	e Pg	21:28:04.83		HZ	
	e Sg	21:28:12.79		HE	
	IAML	21:28:14.23		HZ	0.002 0.1
PVRL	e P	21:28:10.34		EZ	
	e S	21:28:21.18		EN	
POLO	e P	21:28:12.49		HZ	
	e S	21:28:23.69		HN	
	IAML	21:28:24.54		HZ	0.002 0.3
MTE	e S	21:28:29.17		HE	
	IAML	21:28:30.25		HZ	0.003 0.8
PVIS	e P	21:28:15.06		HZ	
	e S	21:28:28.94		HN	
PCAB	e S	21:28:30.88		EE	
PGAV	e S	21:28:39.36		HN	
	IAML	21:28:43.82		HZ	0.002 0.9

12-Jan	Ho	21:42:33.5			ML 2.5
	Lat	42.781°N	Lon	04.192°W	Prof 14
	Região:	NW Burgos (ESP)			Rms 0.5
	AxMax	2.7	AxMin	1.8	Ang 103
					ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e Pn	21:43:05.65		HZ	
	e Pg	21:43:10.60		HZ	
	e Sg	21:43:37.00		HN	
	IAML	21:43:46.17		HZ	0.022 0.4
MVO	e Pn	c 21:43:14.40		HZ	
	e Pg	21:43:22.38		HZ	
	e Sn	21:43:46.04		HN	
	e Sg	21:43:55.91		HN	
	IAML	21:44:00.49		HZ	0.017 0.2
POLO	e Pn	21:43:20.45		HZ	
	e Sn	21:43:53.67		HN	
	e Sg	21:44:07.37		HE	
	IAML	21:44:12.32		HZ	0.014 0.5
PVRL	e Pn	21:43:20.22		EZ	
	e Sg	21:44:06.14		EN	
	IAML	21:44:10.76		EZ	0.015 0.2

PARRA	e P	00:05:23.67	HZ		
	e S	00:05:53.50	HN		
PBAR	e P	00:05:24.96	HZ		
	e S	00:05:56.15	HE		
PMTG	e P	00:05:25.80	HZ		
	e S	00:05:57.37	HE		
	IAML	00:05:58.79	HZ	0.003	0.2
PESTR	e P	00:05:27.31	HZ		
	e S	00:05:59.71	HN		
PSARD	e P	00:05:32.40	HZ		
	e S	00:06:09.58	HE		
	IAML	00:06:12.91	HZ	0.002	0.2
PMRV	e P	00:05:34.19	HZ		
	e S	00:06:12.02	HN		
	IAML	00:06:14.49	HZ	0.002	0.2
PCAS	e S	00:06:18.10	HN		

13-Jan Ho 00:05:36.6 ML 2.2
Lat 35.414°N Lon 03.568°W Prof 27
Região: NE Al Hoceima (MARR) Rms 0.4
AxMax 1.8 AxMin 1.4 Ang 45 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	00:06:33.99		HZ		
	e S	00:07:16.44		H2		
	IAML	00:07:24.78		HZ	0.002	0.6
PBAR	e P	00:06:34.36		HZ		
	e S	00:07:17.52		HE		
	IAML	00:07:21.05		HZ	0.002	0.2
PBDV	e P	00:06:35.08		HZ		
	e S	00:07:18.73		HN		
PCVE	e P	00:06:39.17		HZ		
PBEJ	e P	00:06:40.10		EZ		
PMONC	e P	00:06:41.86		HZ		
MESJ	e P	00:06:41.89		HZ		
	e S	00:07:30.90		HE		
MORF	e P	00:06:42.97		HZ		
	e S	00:07:33.38		HE		
PFVI	e P	00:06:43.52		HZ		
	e S	00:07:34.63		HN		
PTEO	e P	00:06:45.27		HZ		
	e S	00:07:36.51		HN		
PLOUS	e P	00:06:44.98		HZ		
	e S	00:07:36.55		HN		
PESTR	e P	00:06:46.21		HZ		
EVO	e P	00:06:46.22		HZ		
	e S	00:07:36.98		HN		
	IAML	00:07:42.27		HZ	0.022	0.2
GRNL	e P	00:06:47.17		CZ		
PARRA	e P	00:06:48.95		HZ		
	e S	00:07:42.16		HN		
MOE	e P	00:06:49.10		HZ		
	e S	00:07:42.26		HN		
PMRV	e P	00:06:50.48		HZ		
	e S	00:07:44.22		HE		
PMTG	e P	00:06:52.85		HZ		
	e S	00:07:48.72		HN		
PSARD	e P	00:06:57.59		HZ		
	e S	00:07:59.20		HN		

13-Jan Ho 02:20:54.4 Distante (NEIC) Mw 5.0
Lat 02.255°S Lon 79.757°W Prof 90
Região: Near Coast of Ecuador

<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 pP	02:32:58.05		BZ		
GRNL	e P	02:32:40.91		BZ		
	e pP	02:32:56.45		BZ		
PLOUS	e pP	02:32:57.50		BZ		
MESJ	e P	02:32:42.11		BZ		
MOE	e P	02:32:42.22		BZ		
	e pP	02:32:58.36		BZ		
PBDV	e pP	02:32:57.35		BZ		
PMTG	e P	02:32:43.55		BZ		
	e pP	02:32:58.01		BZ		
PBEJ	e P	02:32:39.14		SZ		
	e pP	02:33:00.29		SZ		
	e sP	02:33:09.78		SZ		
PCAS	e P	02:32:41.14		BZ		
	e pP	02:32:59.64		BZ		

EVO	e P	02:32:43.87	BZ		
	e pP	02:33:01.10	BZ		
PARRA	e P	02:32:39.77	BZ		
	e pP	02:32:59.65	BZ		
COI	e P	02:32:39.52	BZ		
	e pP	02:33:00.48	BZ		
PSARD	e pP	02:33:00.59	BZ		
PTO	e pP	02:33:00.36	SZ		
PESTR	e P	02:32:44.92	BZ		
	e pP	02:33:00.96	BZ		
PVIS	e P	02:32:44.51	BZ		
	e pP	02:33:02.75	BZ		
	e sP	02:33:13.29	BZ		
PGAV	e pP	02:33:03.43	BZ		
PBAR	e pP	02:33:02.67	BZ		
PMRV	e pP	02:33:03.07	BZ		
MTE	e P	02:32:45.36	BZ		
	e pP	02:33:03.44	BZ		
	e sP	02:33:15.33	BZ		
POLO	e pP	02:33:05.16	BZ		
PVRL	e pP	02:33:04.40	SZ		
MVO	e pP	02:33:07.26	BZ		
PBRG	e pP	02:33:07.42	BZ		

13-Jan Ho 02:44:08.2 ML 0.5
Lat 37.581°N Lon 07.997°W Prof 1*
Região: NE Almodovar Rms 0.4
AxMax 3.9 AxMin 1.8 Ang 63 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PCVE	e Pg	d 02:44:08.96		HZ		
	e Sg	02:44:09.91		HE		
	IAML	02:44:10.88		HZ	0.020	0.7
PVAQ	e Pg	02:44:12.88		HZ		
	e Sg	02:44:16.82		H2		
	IAML	02:44:17.91		HZ	0.002	0.2
MESJ	e Pg	c 02:44:13.83		HZ		
	e Sg	02:44:18.24		HE		
	IAML	02:44:19.87		HZ	0.003	0.2
PBDV	e Pg	02:44:14.91		HZ		
	e Sg	02:44:20.01		HE		
PBEJ	e Pg	c 02:44:16.47		EZ		
PLOUS	e Pg	c 02:44:18.05		HZ		
	e Sg	02:44:25.40		HN		
GRNL	e P	02:44:20.54		CZ		
	e S	02:44:30.32		CN		
PFVI	e P	02:44:24.03		HZ		
	e S	02:44:36.47		HN		
EVO	e P	02:44:26.88		HZ		
	e S	02:44:39.39		HE		
PBAR	e P	02:44:27.09		HZ		
	e S	02:44:39.51		HE		
	IAML	02:44:40.19		HZ	0.001	0.9
MOE	e P	02:44:27.55		HZ		
	e S	02:44:40.15		HN		
PARRA	e P	02:44:31.29		HZ		
	e S	02:44:47.74		HE		
PESTR	e P	02:44:32.41		HZ		
	e S	02:44:50.60		HN		
PMTG	e Pg	02:44:36.52		HZ		
	e Sg	02:44:55.96		HE		
PMRV	e Pg	02:44:42.72		HZ		

13-Jan Ho 04:01:11.9 ML 2.3
Lat 37.153°N Lon 14.218°W Prof 34*
Região: Josephine Rms 0.4
AxMax 8.6 AxMin 6.5 Ang 158 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	04:02:11.36		HZ		
	e S	04:02:55.82		HE		
PTEO	e P	04:02:12.69		HZ		
	e S	04:02:57.96		HN		
MORF	e P	04:02:13.24		HZ		
	e S	04:02:59.40		HE		
	IAML	04:03:05.93		HZ	0.003	0.2
PMONC	e S	04:03:01.27		H1		
GRNL	e P	04:02:14.61		CZ		
	e S	04:03:02.18		CN		
	IAML	04:03:06.94		CZ	0.003	0.1

PLOUS	e P	04:02:16.11	HZ	0.003 0.2	13-Jan	Ho	05:42:47.5	ML 1.7					
	e S	04:03:05.36	HE			Lat	34.401°N		Lon	05.628°W	Prof 16		
	IAML	04:03:10.29	HZ			Região: NW Fez (Marr)	AxMax		10.7	AxMin	8.1	Ang	77
MESJ	e P	04:02:19.13	HZ	0.002 0.1	Est	Fase	P h:m:s	Dur	Co	Amp	Per		
	e S	04:03:08.66	HN		PBDV	e P	05:43:38.94	HZ					
MOE	e P	04:02:18.09	HZ	0.002 0.1	PVAQ	e P	05:43:39.29	HZ					
	e S	04:03:10.36	HN			e S	05:44:18.35	HE					
PCVE	e P	04:02:20.71	HZ	0.002 0.1	PFVI	e S	05:44:29.59	HE					
	e S	04:03:10.74	HE			MORF	e P	05:43:44.34	HZ				
PBDV	e P	04:02:22.48	HZ	0.006 0.3	PBAR	e P	05:43:46.58	HZ					
	e S	04:03:14.70	HN			e S	05:44:29.59	HE					
EVO	e P	04:02:22.54	HZ	0.001 0.3	13-Jan	Ho	07:51:55.7	ML 0.6					
	e S	04:03:15.20	HN			Lat	36.829°N		Lon	07.881°W	Prof 36		
PMTG	e P	04:02:22.03	HZ	0.001 0.3	Região: Golfo de Cádiz	AxMax	14.9	AxMin	11.6	Ang	103	Rms	0.5
	e S	04:03:15.03	HN			ErrZ	26						
PBEJ	e S	04:03:16.26	EN	0.002 0.1	Est	Fase	P h:m:s	Dur	Co	Amp	Per		
	e P	04:02:21.67	HZ		PBDV	e P	07:52:05.23	HZ					
PARRA	e S	04:03:16.72	HE	0.002 0.1	PVAQ	e S	07:52:11.00	HN					
	e P	04:02:23.98	HZ			e P	07:52:06.84	HZ					
PVAQ	e S	04:03:18.00	H1	0.003 0.3	PCVE	e S	07:52:14.69	H2					
	IAML	04:03:22.39	HZ			e P	07:52:09.14	HZ					
PSARD	e P	04:02:25.33	HZ	0.003 0.3	13-Jan	Ho	08:37:28.0	ML 2.0					
	e S	04:03:21.59	HE			Lat	34.323°N		Lon	05.795°W	Prof 20		
PESTR	e P	04:02:27.93	HZ	0.001 0.1	Região: NW Fez (Marr)	AxMax	4.3	AxMin	2.0	Ang	104	Rms	0.3
	e S	04:03:25.21	HN			ErrZ	4						
PBAR	e P	04:02:31.91	HZ	0.001 0.1	Est	Fase	P h:m:s	Dur	Co	Amp	Per		
	e S	04:03:31.72	HE		PBDV	e P	08:38:18.50	HZ					
PMRV	e P	04:02:32.23	HZ	0.002 0.3	PVAQ	e S	08:38:57.51	HE					
	e S	04:03:32.23	HE			e P	08:38:19.62	HZ					
PVIS	e S	04:03:38.41	HN	0.004 0.3	IAML	08:38:58.75	H2						
	e P	04:02:42.03	HZ			08:39:02.01	HZ						
PGAV	e S	04:03:50.46	HN	0.004 0.3	PFVI	e P	08:38:25.39	HZ					
	e S	04:03:56.10	HN			PCVE	e P	08:38:24.10	HZ				
MVO	e S	04:03:56.10	HN	0.004 0.3	MESJ	e S	08:39:06.34	HN					
	13-Jan	Ho	04:10:08.8			ML 0.4	MORF	e P	08:38:19.60	HZ			
PARRA	e Pg	d 04:10:12.18	HZ	0.002 0.1	PBAR	e P	08:38:26.99	HZ					
	e Sg	04:10:14.95	HN			e S	08:39:11.07	HE					
EVO	e P	04:10:15.35	HZ	0.008 0.1	PLOUS	e P	08:38:27.48	HZ					
	e Sg	04:10:16.65	HN			e S	08:39:11.99	HE					
PESTR	e P	04:10:17.28	HZ	0.003 0.3	GRNL	e P	08:38:30.86	HZ					
	e Sg	04:10:18.31	HN			e S	08:39:19.74	HN					
MOE	e P	04:10:16.27	HZ	0.004 0.3	MOE	e P	08:38:32.51	CZ					
	e Sg	04:10:21.60	HN			e S	08:39:23.53	CN					
PMTG	e P	04:10:22.96	HZ	0.004 0.3	PARRA	e P	08:38:36.64						

PSARD	e P	13:09:29.05	BZ
PARRA	e P	13:09:30.12	BZ
PMTG	e P	13:09:29.48	BZ
EVO	e P	13:09:31.15	BZ
PBEJ	e P	13:09:31.85	SZ
MOE	e P	13:09:32.00	BZ
PVAQ	e P	13:09:31.94	BZ
MESJ	e P	13:09:32.39	BZ

13-Jan Ho 12:58:21.9 Distante (NEIC) mb 5.1						
Lat 28.405°N Lon 87.338°E Prof 10						
Região: Xizang						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e P	13:09:59.27		BZ		
MVO	e P	13:10:03.59		BZ		
PGAV	e P	13:10:08.89		BZ		
MTE	e P	13:10:07.73		BZ		
PVIS	e P	13:10:08.78		BZ		
PMRV	e P	13:10:09.61		BZ		
PBAR	e P	13:10:11.08		BZ		
PSARD	e P	13:10:11.94		BZ		
PARRA	e P	13:10:13.01		BZ		
PMTG	e P	13:10:13.38		BZ		
EVO	e P	13:10:14.80		BZ		
MOE	e P	13:10:15.69		BZ		
PVAQ	e P	13:10:15.81		BZ		
PBDV	e P	13:10:17.59		BZ		
PLOUS	e P	13:10:17.21		BZ		

13-Jan Ho 17:11:02.9 ML 1.5						
Lat 40.726°N Lon 09.000°W Prof 12						
Região: W Murtosa Rms 0.3						
AxMax 4.6 AxMin 1.5 Ang 95 ErrZ 3						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PTO	e S	17:11:19.34		EN		
	IAML	17:11:19.63		EZ	0.069	0.1
PCAS	e P	17:11:16.45		HZ		
	e S	17:11:27.06		HN		
PVIS	e P	17:11:18.17		HZ		
	e S	17:11:29.48		HN		
POLO	e P	17:11:23.40		HZ		
	e S	17:11:38.41		HN		
MTE	e S	17:11:38.81		HE		
PCAB	e S	17:11:39.97		EN		
	IAML	17:11:41.58		EZ	0.008	0.1
PSARD	e P	17:11:25.14		HZ		
	e S	17:11:41.73		HN		
	IAML	17:11:44.30		HZ	0.006	0.2
PGAV	e P	17:11:26.11		HZ		
	e S	17:11:43.49		HN		
	IAML	17:11:43.73		HZ	0.004	0.3
MVO	e Pg	17:11:30.77		HZ		
	e Sg	17:11:51.02		HN		
PMTG	e Pg	17:11:34.69		HZ		
	e Sg	17:11:57.51		HN		

13-Jan Ho 19:24:58.5 Distante (NEIC) mb 4.6						
Lat 27.984°N Lon 52.312°E Prof 10						
Região: Southern Iran						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MVO	e P	19:33:52.11		BZ		
PBAR	e P	19:33:53.56		BZ		
	IAMB	19:33:54.59		BZ	0.023	1.6
PMRV	e P	19:33:53.89		BZ		
PVRL	e P	19:33:55.79		SZ		
POLO	e P	19:33:56.62		BZ		
PESTR	e P	19:33:56.20		BZ		
PVIS	e P	19:33:57.62		BZ		
PBEJ	e P	19:33:58.55		SZ		
	IAMB	19:34:01.42		SZ	0.030	1.8
PSARD	e P	19:33:59.04		BZ		
EVO	e P	19:33:58.80		BZ		
PCVE	e P	19:33:59.88		BZ		

13-Jan Ho 20:24:35.1 Distante (NEIC) mb 4.8						
Lat 09.139°N Lon 40.089°E Prof 10						
Região: Ethiopia						
<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 LQ	20:52:51.57		L1		
	e LR	20:55:56.89		LZ		
	IAMs_20	20:58:11.04		LZ	0.775	18
PESTR	e P	20:33:44.00		BZ		
	IAMB	20:33:46.66		BZ	0.022	1.2
PMRV	e LQ	20:52:24.67		LN		
	e LR	20:57:05.63		LZ		
	IAMs_20	20:59:09.21		LZ	0.738	18
EVO	e P	20:33:46.67		BZ		
PARRA	e P	20:33:47.34		BZ		
PLOUS	e P	20:33:47.71		BZ		
MVO	e LR	20:56:11.83		LZ		
	IAMs_20	20:59:34.86		LZ	0.850	16
PMTG	e P	20:33:49.15		BZ		
MTE	e LQ	20:55:33.60		LE		
	e LR	20:56:05.85		LZ		
	IAMs_20	20:59:05.66		LZ	0.573	18
PCAS	e P	20:33:53.68		BZ		
POLO	e P	20:33:54.98		BZ		
PGAV	e P	20:33:56.00		BZ		
	e LQ	20:53:24.45		LN		
	e LR	20:56:29.77		LZ		
	IAMs_20	21:00:19.78		LZ	0.728	16
PMOZ	e LR	20:59:50.02		LZ		
	IAMs_20	21:00:57.72		LZ	0.842	18

13-Jan Ho 21:22:18.7 ML-0.1						
Lat 38.806°N Lon 08.038°W Prof 31						
Região: NW Arraiolos Rms 0.3						
AxMax 6.6 AxMin 3.8 Ang 76 ErrZ 9						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	21:22:23.96		HZ		
	e Sg	21:22:26.80		HN		
EVO	e Pg	21:22:25.22		HZ		
	e Sg	21:22:30.90		HE		
PMTG	e Pg	21:22:25.36		HZ		
	e Sg	21:22:31.56		HE		
PESTR	e Sg	21:22:32.49		HN		

14-Jan Ho 00:00:44.7 ML 1.0						
Lat 36.444°N Lon 09.706°W Prof 16						
Região: SW Cabo S.Vicente Rms 0.4						
AxMax 6.4 AxMin 4.4 Ang 115 ErrZ 3						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	00:01:02.12		HZ		
	e S	00:01:15.34		HN		
MORF	e P	00:01:05.14		HZ		
	e S	00:01:20.85		HE		
PTEO	e P	00:01:07.38		HZ		
	e S	00:01:24.18		HN		
PBDV	e P	00:01:11.30		HZ		
	e S	00:01:30.88		HN		
PCVE	e P	00:01:13.84		HZ		
	e S	00:01:35.39		HE		
PVAQ	e P	00:01:14.33		HZ		
	e S	00:01:36.19		H1		
	IAML	00:01:37.51		HZ	0.001	0.1
GRNL	e P	00:01:15.40		CZ		
	e S	00:01:37.69		CE		
PLOUS	e P	00:01:14.22		HZ		
	e S	00:01:36.98		HE		
MOE	e S	00:01:48.50		HN		
EVO	e S	00:01:51.30		HN		
PARRA	e P	00:01:25.24		HZ		
	e S	00:01:56.85		HN		
PBAR	e S	00:01:58.67		HE		
PMTG	e P	00:01:27.92		HZ		
	e S	00:02:00.04		HN		
PESTR	e S	00:02:02.06		HN		
PSARD	e S	00:02:12.39		HN		
PMRV	e S	00:02:15.86		HN		

14-Jan	Ho	01:31:39.7	Distante (NEIC)	mb 4.6
	Lat	09.003°N	Lon 39.975°E	Prof 10
	Região: Ethiopia			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PESTR	e P	01:40:49.76		BZ
	IAMB	01:41:09.62		BZ
			0.020	1.7
EVO	e P	01:40:50.95		BZ
PARRA	e P	01:40:51.75		BZ
	IAMB	01:41:09.49		BZ
			0.014	1.8
PMTG	e P	01:40:53.18		BZ
PCAS	e P	01:40:57.80		BZ

14-Jan	Ho	03:31:33.2				ML 1.7	
	Lat	36.721°N		Lon	04.494°W		Prof 68
	Região: SW Malaga (ESP)						Rms 0.4
	AxMax	3.9	AxMin	3.1	Ang	156	ErrZ 6
Est	Fase	P h:m:s		Dur	Co	Amp	Per
PBAR	e P	03:32:11.75			HZ		
	e S	03:32:39.30			HE		
PVAQ	IAML	03:32:41.95			HZ	0.002	0.4
	e P	03:32:13.79			HZ		
	e S	03:32:42.64			H1		
	IAML	03:32:42.97			HZ	0.002	0.5
PBDV	e P	03:32:15.86			HZ		
	e S	03:32:47.12			HN		
PCVE	e P	03:32:17.79			HZ		
	e S	03:32:50.88			HE		
PBEJ	e S	03:32:50.72			EN		
PESTR	e P	03:32:21.96			HZ		
	e S	03:32:57.76			HN		
EVO	e S	03:32:59.49			HN		
MORF	e S	03:33:01.17			HE		
PLOUS	e P	03:32:24.29			HZ		
	e S	03:33:01.60			HN		
PTEO	e S	03:33:03.37			HE		
PARRA	e S	03:33:03.20			HE		
PFVI	e P	03:32:24.71			HZ		
	e S	03:33:03.29			HE		
GRNL	e S	03:33:04.04			CN		
PMRV	e P	03:32:25.65			HZ		
	e S	03:33:04.64			HE		
MOE	e S	03:33:06.13			HE		
PMTG	e S	03:33:09.94			HE		
PSARD	e P	03:32:33.07			HZ		
	e S	03:33:17.92			HN		

14-Jan	Ho	04:12:22.0	Distante (NEIC)	mb 5.0		
	Lat	16.291°S	Lon 175.425°W	Prof 323		
	Região: Tonga Islands					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PTO	e PKPab	04:31:53.37		SZ		
PBRG	e PKPab	04:31:52.38		BZ		
POLO	e PKPbc	04:31:42.28		BZ		
	e PKPab	04:31:54.81		BZ		
PVRL	e PKPbc	04:31:43.77		SZ		
	e PKPab	04:31:54.42		SZ		
MVO	e PKPdf	04:31:34.93		BZ		
	e PKPbc	04:31:42.69		BZ		
PVIS	e PKPab	04:31:56.06		BZ		
PCAS	e PKPab	04:31:57.71		BZ		
MTE	e PKPdf	04:31:36.03		BZ		
	e PKPbc	04:31:44.57		BZ		
	e PKPab	04:31:57.75		BZ		
PSARD	e PKPab	04:31:59.73		BZ		
PMAR	e PKPbc	04:31:49.26		BZ		
PMRV	e PKPab	04:32:01.38		BZ		
PMTG	e PKPdf	04:31:38.13		BZ		
	e PKPbc	04:31:45.58		BZ		
PARRA	e PKPab	04:32:02.79		BZ		
PESTR	e PKPab	04:32:03.00		BZ		

14-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PFVI	e P	04:50:26.16		HZ		
		e S	04:50:36.49		HN		
		IAML	04:50:37.39		HZ	0.004	0.6
	PTEO	e S	04:50:45.76		HE		
		IAML	04:50:46.02		HZ	0.003	0.2

PBDV	e S	04:50:54.05		HE		
	IAML	04:50:54.23		HZ	0.002	0.5
PCVE	e S	04:50:57.63		HE		
	IAML	04:50:58.59		HZ	0.001	0.2
PLOUS	e S	04:50:57.76		HE		
	IAML	04:50:59.11		HZ	0.001	0.5
GRNL	e S	04:50:58.79		CN		
	IAML	04:50:59.13		CZ	0.003	0.6
PVAQ	e S	04:50:59.61		H1		
	IAML	04:50:59.88		HZ	0.003	0.6
PARRA	e S	04:51:17.25		HN		
	IAML	04:51:18.15		HZ	0.001	0.7
PMTG	e S	04:51:21.27		HN		
	IAML	04:51:22.98		HZ	0.001	0.7
PSARD	e S	04:51:33.13		HE		
	IAML	04:51:33.79		HZ	0.001	0.4
PMRV	e S	04:51:36.65		HE		

14-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PMAR	e P	05:18:42.85		HZ		
		e S	05:19:07.31		H1		
		IAML	05:19:12.57		HZ	0.030	0.3
	FUL	e S	05:19:05.68		EN		
		IAML	05:19:08.72		EZ	0.026	0.2
	PMOZ	e S	05:19:10.80		HN		
		IAML	05:19:13.72		HZ	0.066	0.3

14-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PMAFR	e Pg	06:04:42.68		HZ		
	PMTG	e Pg	06:04:51.17		HZ		
		e Sg	06:05:02.99		HN		
	PSARD	e S	06:05:05.89		HN		
		IAML	06:05:06.29		HZ	0.001	0.2
	PARRA	e S	06:05:09.17		HN		
		IAML	06:05:09.57		HZ	0.001	0.3
	PMRV	e S	06:05:20.80		HN		
		IAML	06:05:21.33		HZ	0.001	0.7

14-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PVAQ	e P	07:23:17.50		HZ		
		e S	07:23:28.80		H2		
		IAML	07:23:29.30		HZ	0.003	0.1
	PCVE	e S	07:23:37.55		HN		
		IAML	07:23:38.44		HZ	0.002	0.7

14-Jan	Ho	08:05:21.5	Distante (NEIC)		Mw	5.2
	Lat	64.675°N	Lon	17.492°W	Prof	10
Região: Iceland						
Est	Fase	P	h:m:s	Dur	Co	Amp Per
PGAV	e P		08:10:29.87		BZ	
	IAmb		08:10:47.99		BZ	0.092 1.8
	e S		08:14:49.23		LE	
	e LR		08:16:53.71		LZ	
	IAMs_20		08:19:03.35		LZ	1.720 20
PBRG	e P		08:10:31.44		BZ	
	IAmb		08:10:51.12		BZ	0.073 1.7
POLO	e P		08:10:40.09		BZ	
	IAmb		08:10:49.89		BZ	0.071 1.4
PVRL	e P		08:10:40.76		SZ	
	IAmb		08:10:55.32		SZ	0.082 1.8
PTO	e P		08:10:36.80		SZ	
	IAmb		08:10:58.26		SZ	0.119 1.8
MVO	e P		08:10:42.76		BZ	
	IAmb		08:10:57.54		BZ	0.081 1.8
	e S		08:15:14.23		LE	
	e LR		08:17:21.95		LZ	
	IAMs_20		08:19:55.41		LZ	1.040 20
PVIS	e P		08:10:45.42		BZ	
MTE	e P		08:10:48.72		BZ	
	IAmb		08:10:59.03		BZ	0.119 1.7
	e S		08:15:19.73		LN	
	e LR		08:17:34.89		LZ	
	IAMs_20		08:20:03.49		LZ	1.918 18
COI	e P		08:10:47.39		BZ	

PCAS	e P	08:10:50.70	BZ					PTEO	e Pg	09:59:28.40	HZ		
	IAMB	08:11:06.77	BZ	0.143	1.6				e Sg	09:59:36.76	HE		
PSARD	e P	08:10:55.39	BZ						IAML	09:59:38.94	HZ	0.009	0.7
	IAMB	08:11:10.65	BZ	0.126	1.8			PBDV	e Pg	09:59:31.15	HZ		
PMRV	e P	08:10:56.14	BZ						e Sg	09:59:39.45	HE		
	IAMB	08:11:14.06	BZ	0.092	1.7				IAML	09:59:40.89	HZ	0.009	0.3
	e S	08:15:35.62	LN					PCVE	e P	09:59:33.78	HZ		
	e LR	08:17:56.47	LZ						e S	09:59:43.75	HN		
	IAMS_20	08:20:31.12	LZ	1.810	20				IAML	09:59:45.04	HZ	0.003	0.3
PMTG	e P	08:11:01.81	BZ					PVAQ	e P	09:59:34.55	HZ		
	IAMB	08:11:16.64	BZ	0.045	1.7				e S	09:59:44.87	H1		
PARRA	e P	08:11:02.09	BZ						IAML	09:59:47.00	HZ	0.006	0.3
	IAMB	08:11:21.34	BZ	0.043	1.5			MESJ	e P	09:59:35.72	HZ		
PESTR	e P	08:11:01.47	BZ						e S	09:59:47.07	HE		
	IAMB	08:11:41.71	BZ	0.033	1.5				IAML	09:59:47.86	HZ	0.002	0.4
MOE	e P	08:11:05.20	BZ					PLOUS	e S	09:59:51.02	HN		
EVO	e P	08:11:05.45	BZ					GRNL	e P	09:59:37.94	CZ		
	IAMB	08:12:01.12	BZ	0.072	1.7				e S	09:59:52.66	CN		
PBAR	e P	08:11:09.80	BZ						IAML	09:59:53.20	CZ	0.008	0.3
	IAMB	08:12:22.97	BZ	0.043	1.6			MOE	e Sg	10:00:06.28	HN		
PBEJ	e P	08:11:07.12	SZ						IAML	10:00:09.94	HZ	0.003	0.5
	IAMB	08:12:13.26	SZ	0.042	1.7			PBAR	e Sg	10:00:12.80	HN		
PCVE	e P	08:11:11.98	BZ					PARRA	e Sg	10:00:16.92	HN		
	IAMB	08:11:26.44	BZ	0.061	2.0				IAML	10:00:23.38	HZ	0.002	0.7
PVAQ	e S	08:16:07.48	L1										
	e LR	08:18:44.75	LZ										
	IAMS_20	08:21:16.96	LZ	1.336	20								
PMOZ	e S	08:16:54.68	LE										
	e LR	08:20:27.23	LZ										
	IAMS_20	08:22:21.36	LZ	0.849	18								

14-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	08:26:03.07		HZ		
	e Sg	08:26:07.58		HN		

14-Jan	Ho	08:46:40.6	ML	2.0
	Lat	36.685°N	Lon	13.122°W
	Prof	10*	Rms	0.5
	Região:	Josephine	ErrZ	0
	AxMax	21.2	AxMin	15.1
	Ang	162	ErrZ	0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e S	08:48:04.49		HN		
	IAML	08:48:06.16		HZ	0.003	0.2
GRNL	e P	08:47:35.25		CZ		
	e S	08:48:15.37		CN		
	IAML	08:48:15.95		CZ	0.003	0.5
PCVE	e P	08:47:38.50		HZ		
	e S	08:48:20.91		HE		
	IAML	08:48:26.31		HZ	0.002	0.7
PVAQ	e P	08:47:41.63		HZ		
	e S	08:48:26.44		H1		
	IAML	08:48:29.84		HZ	0.001	0.1
PARRA	e P	08:47:42.68		HZ		
	e S	08:48:30.26		HN		
	IAML	08:48:30.75		HZ	0.001	0.5
PMTG	e P	08:47:42.77		HZ		
	e S	08:48:31.16		HN		
	IAML	08:48:32.25		HZ	0.001	0.2
PBAR	e S	08:48:42.84		HN		
	IAML	08:48:43.50		HZ	0.001	0.3

14-Jan	Ho	09:59:20.0	ML	1.4
	Lat	37.048°N	Lon	08.622°W
	Prof	18	Rms	0.4
	Região:	SE Lagos	ErrZ	4
	AxMax	4.5	AxMin	3.1
	Ang	155	ErrZ	4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e Pg	09:59:24.65		HZ		
	e Sg	09:59:27.41		HE		
	IAML	09:59:28.33		HZ	0.022	0.2
MORF	e Pg	09:59:25.80		HZ		
	e Sg	09:59:29.88		HE		
	IAML	09:59:31.10		HZ	0.028	0.1
PMONC	e Pg	09:59:25.99		HZ		

14-Jan	Ho	12:26:48.4	ML	1.3
	Lat	40.872°N	Lon	08.169°W
	Prof	4	Rms	0.4
	Região:	SE Arouca	ErrZ	9
	AxMax	4.6	AxMin	2.3
	Ang	88	ErrZ	9

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVIS	e Pg	12:26:52.99		HZ		
	e Sg	12:26:57.02		HE		
PTO	e Sg	12:27:02.54		EN		
PVRL	e Sg	12:27:05.09		EE		
	IAML	12:27:06.20		EZ	0.016	0.1
POLO	e Pg	12:26:59.57		HZ		
	e Sg	12:27:07.51		HN		
	IAML	12:27:07.81		HZ	0.004	0.2
MTE	e Pg	12:27:00.77		HZ		
	e Sg	12:27:09.88		HE		
	IAML	12:27:12.48		HZ	0.009	0.3
PCAS	e P	12:27:03.39		HZ		
	e S	12:27:15.38		HE		
	IAML	12:27:16.81		HZ	0.003	0.2
MVO	e P	12:27:05.03		HZ		
	e S	12:27:17.12		HE		
	IAML	12:27:18.54		HZ	0.010	0.3
PGAV	e P	12:27:07.78		HZ		
	e S	12:27:22.83		HN		
	IAML	12:27:24.31		HZ	0.004	0.4
PCBR	e S	12:27:24.76		EE		
PBRG	e Sg	12:27:31.55		HN		
	IAML	12:27:32.35		HZ	0.006	0.1
PMRV	e Pn	12:27:16.16		HZ		
	e Sg	12:27:36.06		HE		
	IAML	12:27:42.79		HZ	0.002	0.7
PMTG	e Pn	12:27:19.49		HZ		
	e Sg	12:27:43.14		HN		

14-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e P	13:05:54.73		HZ		
	e S	13:06:50.69		HN		
GRNL	e S	13:06:39.94		CN		
	IAML	13:06:41.83		CZ	0.002	0.8
PLOUS	e S	13:06:41.54		HE		
PVAQ	e S	13:06:49.21		H2		
	IAML	13:06:53.70		HZ	0.002	0.5
PMTG	e S	13:06:51.25		HE		
	IAML	13:06:51.50		HZ	0.001	0.4
PSARD	e S	13:06:57.49		HE		
	IAML	13:06:59.03		HZ	0.002	0.3

14-Jan	Ho	13:39:41.3			ML 1.7		
	Lat	42.926°N	Lon	06.951°W	Prof 19		
	Região:	E Lugo (ESP)			Rms 0.4		
	AxMax	3.4	AxMin	2.8	Ang	96	ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PBRG	e P	13:40:00.86		HZ			
	e S	13:40:14.52		HE			
	IAML	13:40:15.50		HZ	0.009	0.6	
PGAV	e Pn	13:40:04.19		HZ			
	e Sg	13:40:24.19		HN			
	IAML	13:40:24.74		HZ	0.006	0.2	
PCAB	e Sn	13:40:24.95		EN			
	e Sg	13:40:27.06		EE			
	IAML	13:40:28.41		EZ	0.007	0.2	
POLO	IAML	13:40:34.68		HZ	0.003	0.2	
	e Sg	13:40:34.86		HN			
MVO	e Sg	13:40:35.68		HN			
	IAML	13:40:37.01		HZ	0.004	0.4	

14-Jan	Ho	13:58:38.2			ML 1.5		
	Lat	36.346°N	Lon	09.788°W	Prof 16		
	Região:	SW Cabo S.Vicente			Rms 0.4		
	AxMax	7.1	AxMin	6.2	Ang	85	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 S	13:59:11.55		HN			
MORF	e P	13:59:00.46		HZ			
	e S	13:59:17.05		HN			
	IAML	13:59:18.97		HZ	0.005	0.1	
PTEO	e P	13:59:02.53		HZ			
	e S	13:59:20.70		HN			
PBDV	e S	13:59:27.00		HE			
PCVE	e P	13:59:09.07		HZ			
	e S	13:59:31.61		HN			
MESJ	e P	13:59:09.43		HZ			
PVAQ	e P	13:59:09.43		HZ			
	e S	13:59:32.13		H2			
	IAML	13:59:33.87		HZ	0.003	0.2	
GRNL	e P	13:59:09.64		CZ			
	e S	13:59:33.13		CE			
	IAML	13:59:34.80		CZ	0.002	0.1	
PLOUS	e S	13:59:32.96		HE			
MOE	e S	13:59:44.44		HN			
PARRA	e P	13:59:21.02		HZ			
	e S	13:59:52.64		HN			
PBAR	e S	13:59:53.59		HE			
PMTG	e P	13:59:23.03		HZ			
	e S	13:59:57.04		HE			
PESTR	e S	13:59:59.54		HN			
PMRV	e S	14:00:12.03		HE			

14-Jan	Ho	14:55:56.6	Distante (NEIC)	mb 5.0			
	Lat	08.790°N	Lon	40.060°E	Prof 10		
	Região:	Ethiopia					
<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 LR	15:26:32.42		LZ			
	IAMs_20	15:29:42.91		LZ	0.279	16	
PMRV	e LR	15:27:39.74		LZ			
	IAMs_20	15:30:07.05		LZ	0.385	18	
MVO	e LR	15:28:13.88		LZ			
	IAMs_20	15:30:42.96		LZ	0.569	14	
MTE	e LR	15:27:30.95		LZ			
	IAMs_20	15:30:27.79		LZ	0.453	16	
PGAV	e LR	15:28:56.81		LZ			
	IAMs_20	15:31:33.95		LZ	0.580	14	
PMOZ	e LR	15:32:09.99		LZ			
	IAMs_20	15:32:50.88		LZ	0.334	16	

14-Jan	Ho	15:11:55.0			ML 1.8		
	Lat	35.722°N	Lon	08.782°W	Prof 32		
	Região:	Mar de Marrocos			Rms 0.3		
	AxMax	4.9	AxMin	4.8	Ang	73	ErrZ 8
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PFVI	e P	15:12:16.80		HZ			
	e S	15:12:33.37		HE			
MORF	e P	15:12:19.17		HZ			
	e S	15:12:37.88		HN			
	IAML	15:12:43.17		HZ	0.006	0.5	

PBDV	e P	15:12:20.14		HZ			
	e S	15:12:39.81		HE			
PVAQ	e P	15:12:23.53		HZ			
	e S	15:12:44.73		H2			
	IAML	15:12:51.13		HZ	0.003	0.1	
PCVE	e P	15:12:25.44		HZ			
	e S	15:12:47.97		HE			
	IAML	15:12:49.06		HZ	0.004	0.3	
MESJ	e P	15:12:28.43		HZ			
	e S	15:12:52.69		HN			
PLOUS	e P	15:12:29.35		HZ			
	e S	15:12:55.49		HE			
	IAML	15:12:59.41		HZ	0.002	0.5	
GRNL	e P	15:12:30.67		CZ			
	e S	15:12:56.88		CN			
PBAR	e P	15:12:36.37		HZ			
	e S	15:13:08.67		HN			
MOE	e P	15:12:36.47		HZ			
	e S	15:13:07.83		HN			
	IAML	15:13:08.95		HZ	0.002	0.2	
PARRA	e P	15:12:40.95		HZ			
	e S	15:13:15.07		HN			
	IAML	15:13:16.31		HZ	0.002	0.2	
PESTR	e S	15:13:17.99		HN			
PMTG	e P	15:12:43.79		HZ			
	e S	15:13:20.31		HN			
PMRV	e P	15:12:50.93		HZ			
	e S	15:13:33.10		HE			

14-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PCVE	e P	15:42:46.93		HZ		
		e S	15:43:09.76		HN		
	PFVI	e S	15:42:54.68		HE		
	MORF	e S	15:42:58.55		HN		
		IAML	15:42:58.96		HZ	0.003	0.8
	PVAQ	e S	15:43:06.30		H2		
	GRNL	e S	15:43:19.15		CE		
	PBAR	e S	15:43:29.73		HN		
	PARRA	e S	15:43:37.16		HE		

14-Jan	Ho	17:12:39.5	Distante (NEIC)	Mw 5.3			
	Lat	31.709°N	Lon	131.810°E	Prof 38		
	Região:	Kyushu, Japan					
<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 LQ	18:03:07.04		LE			
	e LR	18:07:11.76		LZ			
	IAMs_20	18:19:37.15		LZ	1.120	18	
MVO	e LQ	18:02:41.25		LE			
	e LR	18:06:22.53		LZ			
	IAMs_20	18:17:24.33		LZ	1.757	18	
MTE	e LQ	18:01:51.12		LE			
	e LR	18:06:09.87		LZ			
	IAMs_20	18:15:27.78		LZ	1.857	22	
PMRV	e LR	18:05:52.47		LZ			
	IAMs_20	18:17:39.05		LZ	2.586	16	
PVAQ	e LQ	18:04:11.75		L2			
	e LR	18:06:35.19		LZ			
	IAMs_20	18:18:48.53		LZ	2.835	18	
PMOZ	e LR	18:12:00.09		LZ			
	IAMs_20	18:21:46.59		LZ	0.642	20	

14-Jan	Ho	19:02:06.0	Distante (IPMA)	M 5.1			
	Lat	07.400°N	Lon	35.380°W	Prof 10		
	Região:	Central Mid-Atlantic Ridge					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	
PMOZ	e LQ	19:14:27.84		LE			
	e LR	19:15:45.12		LZ			
	IAMs_20	19:17:52.74		LZ	2.666	20	
	e T	19:39:13.50		HZ			
FUL	e T	19:39:20.07		EZ			
PMAR	e T	19:39:15.25		HZ			
MORF	e P	19:09:27.98		BZ			
	IAMB	19:09:33.03		BZ	0.084	1.6	
	e T	19:49:19.52		HZ			
PTEO	e P	19:09:32.16		BZ			
	IAMB	19:09:36.49		BZ	0.104	1.6	
	e T	19:49:26.74		HZ			

PBDV	e P	19:09:31.01	BZ			14-Jan							
	IAmb	19:09:39.34	BZ	0.102	1.2	<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 T	19:49:33.05	HZ			PGAV	e P	22:39:50.06		HZ			
PCVE	e P	19:09:32.78	BZ				e S	22:40:07.18		HN			
	e T	19:49:27.59	HZ				IAML	22:40:09.36		HZ	0.002	0.2	
GRNL	e P	19:09:32.91	BZ			PCAB	e Pn	22:39:55.40		EZ			
	e T	19:49:41.36	CZ				e Sn	22:40:15.66		EN			
PVAQ	e P	19:09:33.24	BZ			POLO	e Sg	22:40:29.06		HE			
	IAmb	19:09:51.63	BZ	0.075	1.4								
	e S	19:15:34.09	L1			15-Jan	Ho	00:24:22.3			ML 0.5		
	e LQ	19:18:09.55	L2				Lat	37.668°N	Lon	08.354°W	Prof 2*		
	e LR	19:19:49.52	LZ				Região: W	Ourique			Rms 0.4		
	IAMs_20	19:22:01.30	LZ	2.411	22		AxMax	2.5	AxMin	2.0	Ang 87	ErrZ 0	
MESJ	e P	19:09:32.93	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>	
	IAmb	19:09:38.49	BZ	0.070	1.5	MESJ	e Pg	00:24:26.06		HZ			
	e T	19:49:42.85	HZ				e Sg	00:24:29.08		HE			
PLOUS	e P	19:09:33.34	BZ			PCVE	e Pg	00:24:26.59		HZ			
	IAmb	19:09:38.65	BZ	0.058	1.5		e Sg	00:24:29.88		HN			
	e T	19:49:38.03	HZ				IAML	00:24:30.01		HZ	0.010	0.5	
PBEJ	e P	19:09:36.41	SZ			PTEO	e Sg	00:24:32.41		HN			
	IAmb	19:09:38.47	SZ	0.038	1.5		IAML	00:24:34.32		HZ	0.006	0.7	
MOE	e P	19:09:36.68	BZ			PLOUS	e Pg	00:24:28.70		HZ			
	IAmb	19:09:41.96	BZ	0.053	1.6		e Sg	00:24:34.06		HN			
EVO	e P	19:09:38.25	BZ				IAML	00:24:35.61		HZ	0.001	0.1	
	IAmb	19:09:43.48	BZ	0.157	1.5	MORF	e Pg	00:24:30.65		HZ			
PARRA	e P	19:09:39.59	BZ			GRNL	e Pg	00:24:30.47		CZ			
	IAmb	19:09:42.22	BZ	0.060	1.7		e Sg	00:24:36.79		CN			
	e T	19:50:11.00	HZ				IAML	00:24:37.27		CZ	0.002	0.3	
PMTG	e P	19:09:40.78	BZ			PVAQ	e Pg	00:24:32.33		HZ			
	IAmb	19:09:45.44	BZ	0.064	1.6		e Sg	00:24:40.11		H2			
PBAR	e P	19:09:40.63	BZ				IAML	00:24:41.38		HZ	0.002	0.6	
	IAmb	19:09:46.04	BZ	0.044	1.4	PFVI	e Sg	00:24:43.40		HN			
	e T	19:50:32.55	HZ			PBAR	e S	00:24:59.23		HN			
PESTR	e P	19:09:42.20	BZ				IAML	00:24:59.79		HZ	0.001	0.8	
	IAmb	19:09:47.54	BZ	0.032	1.4	PARRA	e P	00:24:44.09		HZ			
	e T	19:50:27.03	HZ				e S	00:25:00.21		HN			
PSARD	e P	19:09:43.83	BZ			15-Jan	Ho	00:23:32.9			ML 0.3		
	IAmb	19:10:19.52	BZ	0.063	1.4		Lat	37.663°N	Lon	08.371°W	Prof 6*		
PCAS	e P	19:09:45.06	BZ				Região: W	Ourique			Rms 0.3		
	IAmb	19:09:50.26	BZ	0.093	1.6		AxMax	3.0	AxMin	2.2	Ang 56	ErrZ 0	
COI	e P	19:09:46.57	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>	
	IAmb	19:09:54.35	BZ	0.080	1.1	MESJ	e Pg	00:23:37.23		HZ			
PMRV	e P	19:09:46.11	BZ				e Sg	00:23:40.24		HE			
	IAmb	19:09:49.08	BZ	0.087	1.5	PCVE	e Pg	00:23:37.82		HZ			
	e S	19:15:49.67	LN				e Sg	00:23:41.12		HN			
	e LQ	19:18:59.84	LE				IAML	00:23:44.54		HZ	0.001	0.7	
	e LR	19:20:47.75	LZ			PTEO	e Sg	00:23:42.98		HE			
	IAMs_20	19:22:44.48	LZ	1.889	20	PLOUS	e Sg	00:23:45.06		HN			
PTO	e P	19:09:51.02	SZ				IAML	00:23:46.41		HZ	0.002	0.6	
	IAmb	19:09:58.11	SZ	0.067	1.7	GRNL	e Sg	00:23:47.40		CN			
MTE	e P	19:09:51.35	BZ				IAML	00:23:48.77		CZ	0.002	0.5	
	IAmb	19:09:56.32	BZ	0.069	1.5	PVAQ	e Sg	00:23:51.34		H2			
	e S	19:16:00.16	LN			15-Jan	<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 LQ	19:19:04.91	LN			MESJ	e Pg	00:24:50.97		HZ			
	e LR	19:21:02.21	LZ				e Sg	00:24:54.15		HE			
	IAMs_20	19:23:33.26	LZ	2.722	20	PCVE	e Sg	00:24:54.68		HN			
PVIS	e P	19:09:51.65	BZ			PTEO	e Sg	00:24:56.23		HN			
PVRL	e P	19:09:55.35	SZ			PLOUS	e Sg	00:24:59.18		HE			
	IAmb	19:09:59.73	SZ	0.044	1.7	GRNL	e Sg	00:25:01.55		CN			
POLO	e P	19:09:56.34	BZ			PVAQ	e Sg	00:25:05.10		H2			
	IAmb	19:10:00.92	BZ	0.050	1.7	15-Jan	Ho	02:19:00.9			ML 0.7		
PCAB	e P	19:09:56.60	SZ				Lat	39.183°N	Lon	09.206°W	Prof 10		
	IAmb	19:09:59.80	SZ	0.051	2.0		Região: SW	Bombarral			Rms 0.3		
PGAV	e P	19:09:57.23	BZ				AxMax	3.6	AxMin	1.4	Ang 108	ErrZ 2	
	IAmb	19:10:24.85	BZ	0.073	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>	
	e S	19:16:15.21	LN			AML05	e Pg	02:19:03.50		HZ			
	e LQ	19:19:24.89	LN				e Sg	02:19:06.23		H1			
	e LR	19:21:18.00	LZ			PMAFR	e Pg	02:19:05.29		HZ			
	IAMs_20	19:23:30.92	LZ	2.652	20		e Sg	02:19:09.09		HN			
MVO	e P	19:09:57.19	BZ			PMTG	e P	02:19:15.11		HZ			
	IAmb	19:10:12.63	BZ	0.044	1.9		e S	02:19:25.19		HN			
	e S	19:16:14.94	LN			PSARD	e P	02:19:17.30		HZ			
	e LQ	19:19:22.00	LE				e S	02:19:29.64		HE			
	e LR	19:21:30.14	LZ			MOE	e S	02:19:30.01		HE			
	IAMs_20	19:23:57.78	LZ	2.709	20								
PBRG	e P	19:10:01.51	BZ										
	IAmb	19:10:06.40	BZ	0.049	1.5								

PARRA	e P	02:19:18.42	HZ
	e S	02:19:31.29	HN
PCAS	e S	02:19:33.11	HE
GRNL	e S	02:19:37.91	CN
PESTR	e S	02:19:41.10	HE
PMRV	e S	02:19:43.59	HN

15-Jan	Ho	03:05:06.2	ML 1.2
	Lat	36.549°N	Lon 07.196°W
	Prof	18	Rms 0.2
	Região:	Golfo de Cádiz	ErrZ 3
	AxMax	6.1	AxMin 3.5
	Ang	55	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	03:05:22.48	HZ
	e S	03:05:34.86	HN
PVAQ	e P	03:05:23.18	HZ
	e S	03:05:36.34	H1
PCVE	e S	03:05:43.78	HE
PBAR	e P	03:05:32.75	HZ
	e S	03:05:51.87	HE
PARRA	e S	03:06:09.73	HN

15-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PFVI	e P	03:42:40.59		HZ		
		e S	03:42:57.26		HE		
	PVAQ	e P	03:42:53.95		HZ		
		e S	03:43:19.95		H2		
	MORF	e S	03:43:01.64		HN		
	PTEO	e S	03:43:02.38		HN		
	GRNL	e S	03:43:12.75		CN		
	PLOUS	e S	03:43:13.58		HN		
	PCVE	e S	03:43:15.85		HE		
	EVO	e S	03:43:26.99		HN		
	PARRA	e S	03:43:31.89		HN		
	PBAR	e S	03:43:38.01		HN		

15-Jan	Ho	05:33:02.5	ML 0.8
	Lat	36.838°N	Lon 08.344°W
	Prof	10	Rms 0.3
	Região:	SW Albufeira	ErrZ 4
	AxMax	4.9	AxMin 2.2
	Ang	2	ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PFVI	e S	05:33:18.38	HE
PMONC	e S	05:33:18.57	H2
PBDV	e P	05:33:12.69	HZ
	e S	05:33:19.38	HE
MORF	e P	05:33:11.80	HZ
	e S	05:33:20.12	HN
	IAML	05:33:21.38	HZ 0.004 0.1
PVAQ	e P	05:33:16.11	HZ
	e S	05:33:26.46	H1
PTEO	e S	05:33:27.07	HE
PCVE	e P	05:33:17.91	HZ
	e S	05:33:28.64	HN
PLOUS	e S	05:33:39.07	HN
GRNL	e S	05:33:42.05	CN

15-Jan	Ho	07:32:21.5	Distante (NEIC)	Mw 5.0
	Lat	17.402°S	Lon 168.139°E	Prof 77
	Região:	Vanuatu Islands		
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co Amp Per</i>
PBRG	e PKPab	07:52:29.69	BZ	
PGAV	e PKPbc	07:52:15.34	BZ	
	e PKPab	07:52:34.19	BZ	
PCAB	e pPKPdf	07:52:26.34	SZ	
POLO	e -	07:52:17.81	BZ	
	e PKPab	07:52:34.51	BZ	
PVRL	e PKPab	07:52:34.04	SZ	
MVO	e -	07:52:17.31	BZ	
	e PKPab	07:52:33.69	BZ	
PVIS	e PKPab	07:52:36.61	BZ	
MTE	e -	07:52:17.75	BZ	
	e PKPab	07:52:38.14	BZ	
PESTR	e PKPab	07:52:44.54	BZ	
PARRA	e PKPab	07:52:44.36	BZ	
PCVE	e PKPab	07:52:50.49	BZ	
PTEO	e PKPab	07:52:51.99	BZ	
PVAQ	e PKPab	07:52:51.45	BZ	

15-Jan	Ho	08:54:28.0	ML 1.2
	Lat	36.810°N	Lon 07.411°W
	Prof	21	Rms 0.3
	Região:	Golfo de Cádiz	ErrZ 4
	AxMax	5.9	AxMin 5.0
	Ang	10	ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e Pg	08:54:39.28	HZ
	e Sg	08:54:48.17	HE
PVAQ	e P	08:54:39.94	HZ
	e S	08:54:48.94	H2
	IAML	08:54:49.48	HZ 0.004 0.5
PCVE	e P	08:54:45.45	HZ
	e S	08:54:57.64	HN
PFVI	e S	08:55:02.24	HE
MESJ	e S	08:55:02.09	HE
PBAR	e S	08:55:09.18	HE
PARRA	e Pn	08:54:59.72	HZ
	e Sn	08:55:23.92	HE
PMTG	e Pn	08:55:03.75	HZ

15-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	PARRA	e Pg	12:53:49.57		HZ		
		e Sg	12:53:51.36		HN		
		IAML	12:53:51.53		HZ	0.002	0.2

15-Jan	Ho	14:44:46.8	ML 1.4
	Lat	36.304°N	Lon 08.604°W
	Prof	4	Rms 0.3
	Região:	SE Cabo S.Vicente	ErrZ 5
	AxMax	7.2	AxMin 5.2
	Ang	79	ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PFVI	e P	14:45:01.90	HZ
	e S	14:45:14.00	HN
	IAML	14:45:15.57	HZ 0.007 0.4
MORF	e P	14:45:04.92	HZ
	e S	14:45:18.66	HE
	IAML	14:45:20.57	HZ 0.009 0.4
PBDV	e P	14:45:06.39	HZ
	e S	14:45:21.56	HE
	IAML	14:45:24.28	HZ 0.004 0.9
PTEO	e P	14:45:09.88	HZ
	e S	14:45:25.76	HE
	IAML	14:45:27.98	HZ 0.007 0.5
PVAQ	e P	14:45:10.29	HZ
	e S	14:45:27.61	H2
PCVE	e P	14:45:11.84	HZ
	e S	14:45:30.15	HE
	IAML	14:45:36.99	HZ 0.002 0.8
MESJ	e S	14:45:34.04	HN
PLOUS	e S	14:45:39.20	HE
GRNL	e S	14:45:42.80	CN

15-Jan	Ho	16:12:19.8	ML 2.1
	Lat	41.917°N	Lon 07.163°W
	Prof	14	Rms 0.4
	Região:	NW Vinhais	ErrZ 4
	AxMax	2.0	AxMin 1.4
	Ang	88	ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBRG	e Pg	d 16:12:24.34	HZ
	e Sg	16:12:28.88	HN
	IAML	16:12:29.36	HZ 0.101 0.1
PCAB	e Pg	c 16:12:32.59	EZ
	e Sg	16:12:41.26	EN
	IAML	16:12:41.57	EZ 0.107 0.3
POLO	i Pg	c 16:12:33.61	HZ
	e Sg	16:12:42.93	HN
	IAML	16:12:43.15	HZ 0.054 0.1
MVO	e P	16:12:33.41	HZ
	e S	16:12:43.33	HE
	IAML	16:12:45.65	HZ 0.047 0.2
PVRL	e P	c 16:12:33.50	EZ
	e S	16:12:43.57	EN
	IAML	16:12:44.77	EZ 0.042 0.1
PGAV	e P	16:12:34.71	HZ
	e S	16:12:45.55	HN
	IAML	16:12:47.62	HZ 0.042 0.5
PVIS	e P	16:12:43.21	HZ
	e S	16:13:00.03	HE

MTE	e Pg	16:12:47.44	HZ		
	e Sg	16:13:07.50	HE		
	IAML	16:13:10.23	HZ	0.014	0.1
PCBR	e Sg	16:13:25.01	EE		
PCAS	e Pg	16:12:59.21	HZ		
	e Sg	16:13:25.16	HN		
	IAML	16:13:30.87	HZ	0.004	0.6
PMRV	e Pg	16:13:04.82	HZ		
	e Sg	16:13:36.59	HE		
	IAML	16:13:38.76	HZ	0.008	0.5
PMTG	e Sg	16:13:52.26	HE		
	IAML	16:13:54.65	HZ	0.004	0.5
PESTR	e Sg	16:13:53.56	HE		
	IAML	16:13:59.16	HZ	0.004	0.6
PARRA	e Sg	16:13:57.43	HE		
	IAML	16:14:00.03	HZ	0.003	0.3

15-Jan	Ho	16:33:20.6			ML 1.2
	Lat	36.720°N	Lon	07.323°W	Prof 20
	Região:	Golfo de Cádiz			Rms 0.3
	AxMax	4.3	AxMin	2.9	Ang 67 ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	16:33:33.93		HZ	
	e S	16:33:43.68		HE	
PVAQ	e P	16:33:34.47		HZ	
	e S	16:33:44.37		H1	
	IAML	16:33:45.34		HZ	0.004 0.2
PCVE	e P	16:33:39.06		HZ	
	e S	16:33:52.76		HE	
	IAML	16:33:56.07		HZ	0.002 0.8
MORF	e P	16:33:40.83		HZ	
	e S	16:33:56.77		HN	
PFVI	e P	16:33:41.59		HZ	
	e S	16:33:57.24		HE	
MESJ	e P	16:33:42.54		HZ	
	e S	16:33:55.51		HE	
PBAR	e P	16:33:44.31		HZ	
	e S	16:34:01.94		HN	
	IAML	16:34:10.41		HZ	0.001 0.6
PLOUS	e P	16:33:45.92		HZ	
	e S	16:34:06.11		HN	
GRNL	e P	16:33:47.64		CZ	
	e S	16:34:08.56		CE	
MOE	e P	16:33:51.60		HZ	
	e S	16:34:15.12		HN	
PARRA	e P	16:33:54.08		HZ	
	e S	16:34:19.46		HE	
	IAML	16:34:20.27		HZ	0.001 0.7
PMTG	e P	16:33:58.03		HZ	
	e S	16:34:26.71		HE	
PMRV	e P	16:34:02.31		HZ	

15-Jan	Ho	18:14:02.1			ML 1.4
	Lat	36.612°N	Lon	09.797°W	Prof 16
	Região:	SW Cabo S.Vicente			Rms 0.4
	AxMax	8.1	AxMin	5.6	Ang 142 ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	18:14:18.54		HZ	
	e S	18:14:31.14		HE	
	IAML	18:14:32.49		HZ	0.012 0.7
MORF	e P	18:14:22.34		HZ	
	e S	18:14:36.71		HN	
	IAML	18:14:37.26		HZ	0.004 0.6
PTEO	e P	18:14:23.44		HZ	
	e S	18:14:39.70		HE	
PCVE	e P	18:14:30.07		HZ	
	e S	18:14:51.40		HE	
	IAML	18:14:52.96		HZ	0.002 0.7
MESJ	e P	18:14:30.09		HZ	
	e S	18:14:51.83		HE	
GRNL	e P	18:14:30.41		CZ	
	e S	18:14:51.77		CN	
	IAML	18:14:54.46		CZ	0.002 0.6
PLOUS	e P	18:14:30.21		HZ	
	e S	18:14:51.87		HN	
PVAQ	e P	18:14:31.20		HZ	
	e S	18:14:52.70		H2	
	IAML	18:14:57.29		HZ	0.002 0.8

MOE	e P	18:14:36.40	HZ		
	e S	18:15:03.45	HN		
EVO	e P	18:14:38.45	HZ		
	e S	18:15:05.69	HN		
PARRA	e P	18:14:41.42	HZ		
	e S	18:15:11.48	HE		
PMTG	e P	18:14:44.02	HZ		
	e S	18:15:15.14	HE		
PSARD	e P	18:14:50.98	HZ		

15-Jan	Ho	20:20:08.5			ML 1.5
	Lat	36.961°N	Lon	05.519°W	Prof 31
	Região:	SE Sevilha (ESP)			Rms 0.4
	AxMax	2.7	AxMin	2.5	Ang 35 ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBAR	e Pn	20:20:35.48		HZ	
	e Pg	20:20:39.51		HZ	
	e Sn	20:20:55.04		HN	
	e Sg	20:21:01.19		HE	
	IAML	20:21:04.79		HZ	0.002 0.5
PVAQ	e Pn	20:20:36.09		HZ	
	e Sn	20:20:57.35		H1	
	e Sg	20:21:03.77		H1	
	IAML	20:21:07.88		HZ	0.002 0.5
PBDV	e Pn	20:20:38.32		HZ	
	e Sn	20:21:01.35		HN	
PCVE	e Pn	20:20:40.40		HZ	
	e Sn	20:21:05.32		HN	
	e Sg	20:21:13.81		HE	
MESJ	e Pn	20:20:43.36		HZ	
	e Sn	20:21:10.66		HN	
	e Sg	20:21:20.99		HN	
PESTR	e Sn	20:21:14.17		HN	
	e Sg	20:21:26.13		HE	
PLOUS	e Pn	20:20:46.59		HZ	
	e Sn	20:21:15.14		HE	
	e Sg	20:21:27.77		HE	
GRNL	e Pn	20:20:48.43		CZ	
	e Sn	20:21:20.17		CE	
	e Sg	20:21:31.21		CN	
PARRA	e Sn	20:21:18.48		HE	
	e Sg	20:21:30.92		HE	
PMRV	e Sn	20:21:23.07		HN	
	e Sg	20:21:35.82		HE	
	IAML	20:21:46.03		HZ	0.002 0.9
PMTG	e Sn	20:21:27.07		HN	
	e Sg	20:21:38.74		HN	
PSARD	e Sn	20:21:35.28		HN	
	e Sg	20:21:50.19		HN	

15-Jan	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
	PARRA	e Pg	20:20:38.88		HZ	
		e Sg	20:20:41.01		HN	

15-Jan	Ho	21:52:06.9			ML 0.7
	Lat	38.721°N	Lon	07.898°W	Prof 13
	Região:	E Arraiolos			Rms 0.3
	AxMax	2.2	AxMin	1.1	Ang 91 ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	d 21:52:10.34		HZ	
	e Sg	21:52:13.12		HE	
	IAML	21:52:13.26		HZ	0.005 0.5
EVO	e Pg	c 21:52:11.33		HZ	
	e Sg	21:52:14.78		HE	
	IAML	21:52:14.87		HZ	0.022 0.1
PESTR	e Pg	21:52:12.33		HZ	
	e Sg	21:52:16.49		HE	
	IAML	21:52:16.85		HZ	0.002 0.1
MOE	e Pg	21:52:14.36		HZ	
	e Sg	21:52:19.82		HN	
	IAML	21:52:20.27		HZ	0.005 0.2
PMTG	e Pg	21:52:14.78		HZ	
	e Sg	21:52:20.67		HN	
	IAML	21:52:21.07		HZ	0.002 0.1
PBEJ	e Sg	21:52:29.12		EE	
PLOUS	e P	21:52:21.57		HZ	
	e S	21:52:31.92		HE	

GRNL	e P	21:52:21.79	CZ	PVAQ	e P	01:27:56.50	HZ		
	e S	21:52:32.52	CN		e S	01:28:08.48	H2		
PMRV	e P	21:52:21.44	HZ		IAML	01:28:09.28	HZ	0.002	0.2
	e S	21:52:32.05	HE	PCVE	e P	01:28:01.26	HZ		
PBAR	e P	21:52:22.30	HZ		e S	01:28:16.80	HE		
	e S	21:52:34.34	HE		IAML	01:28:17.29	HZ	0.001	0.1
PSARD	e P	21:52:23.77	HZ	MESJ	e P	01:28:04.67	HZ		
	e S	21:52:34.90	HE		e S	01:28:23.25	HN		
	IAML	21:52:35.80	HZ	0.003	0.1	PBAR	e P	01:28:04.97	HZ
MESJ	e S	21:52:35.57	HE		e S	01:28:24.33	HN		
PCVE	e P	21:52:26.88	HZ	PTEO	e P	01:28:05.68	HZ		
	e S	21:52:40.66	HN	PLOUS	e P	01:28:08.21	HZ		
PVAQ	e S	21:52:46.95	H1		e S	01:28:29.21	HE		
PCAS	e Sg	21:52:50.97	HN	EVO	e S	01:28:36.29	HE		
PBDV	e Sg	21:52:52.16	HE	MOE	e S	01:28:38.35	HE		

15-Jan Ho 21:37:01.7 Distante (NEIC) Mw 5.7
Lat 10.957°S Lon 165.988°E Prof 48
Região: Santa Cruz Islands

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e PKPbc	21:56:41.54	BZ			
PGAV	e PKPbc	21:56:43.48	BZ			
PCAB	e PKPbc	21:56:44.29	SZ			
POLO	e PKPbc	21:56:45.86	BZ			
	e -	21:57:00.92	BZ			
MVO	e PKPbc	21:56:45.34	BZ			
	e -	21:57:01.66	BZ			
PVRL	e PKPbc	21:56:45.20	SZ			
	e -	21:57:00.17	SZ			
PTO	e PKPbc	21:56:46.05	SZ			
	e -	21:57:00.69	SZ			
PVIS	e PKPbc	21:56:46.65	BZ			
	e -	21:57:01.23	BZ			
MTE	e PKPbc	21:56:47.48	BZ			
PCAS	e PKPbc	21:56:49.43	BZ			
	e -	21:57:03.87	BZ			
PSARD	e PKPbc	21:56:49.31	BZ			
	e -	21:57:04.04	BZ			
PMRV	e PKPbc	21:56:49.56	BZ			
	e -	21:57:04.16	BZ			
PMTG	e PKPbc	21:56:51.14	BZ			
PESTR	e PKPbc	21:56:53.09	BZ			
	e PKPab	21:57:00.70	BZ			
PARRA	e PKPbc	21:56:51.33	BZ			
	e PKPab	21:57:00.73	BZ			
EVO	e PKPbc	21:56:51.66	BZ			
MOE	e PKPbc	21:56:51.71	BZ			
	e PKPab	21:57:02.40	BZ			
PBAR	e PKPab	21:57:02.67	BZ			
PBEJ	e PKPbc	21:56:53.36	SZ			
	e PKPab	21:57:04.38	SZ			
PLOUS	e PKPbc	21:56:53.57	BZ			
MESJ	e PKPbc	21:56:53.71	BZ			
PCVE	e PKPab	21:57:06.56	BZ			

15-Jan Ho 22:53:55.3 ML 0.0
Lat 37.331°N Lon 08.533°W Prof 9
Região: NE Monchique Rms 0.2
AxMax 1.8 AxMin 1.7 Ang 5 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMONC	e Sg	22:53:58.01	H1			
MORF	e Pg	22:53:57.50	HZ			
	e Sg	22:53:59.39	HN			
PFVI	e Pg	22:54:00.75	HZ			
	e Sg	22:54:05.73	HN			
PBDV	e Sg	22:54:11.26	HE			
PVAQ	e P	22:54:07.26	HZ			
	e S	22:54:16.08	H2			
GRNL	e S	22:54:20.14	CN			

16-Jan Ho 01:27:39.2 ML 1.0
Lat 36.585°N Lon 07.113°W Prof 15
Região: Golfo de Cádiz Rms 0.4
AxMax 5.0 AxMin 2.6 Ang 67 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	01:27:56.20	HZ			
	e S	01:28:07.98	HN			

16-Jan Ho 02:04:12.8 ML 0.6
Lat 40.107°N Lon 08.296°W Prof 1*
Região: SW Lousã Rms 0.3
AxMax 2.3 AxMin 1.3 Ang 89 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
COI	e Pg	02:04:15.24	HZ			
	e Sg	02:04:16.79	HE			
	IAML	02:04:17.60	HZ	0.009	0.1	
PCAS	e Pg	02:04:15.63	HZ			
	e Sg	02:04:18.13	HN			
	IAML	02:04:18.51	HZ	0.007	0.3	
PSARD	e Pg	02:04:22.26	HZ			
	e Sg	02:04:29.09	HN			
	IAML	02:04:29.77	HZ	0.003	0.2	
MTE	e Pg	02:04:24.79	HZ			
	e Sg	02:04:33.97	HE			
PVIS	e Sg	02:04:34.34	HE			
PMRV	e P	02:04:31.09	HZ			
	e S	02:04:43.26	HN			
	IAML	02:04:45.42	HZ	0.002	0.2	
PMTG	e P	02:04:32.04	HZ			
	e S	02:04:46.32	HN			
PARRA	e P	02:04:36.77	HZ			
	e S	02:04:53.68	HE			
PESTR	e Pn	02:04:37.83	HZ			
	e Sg	02:04:55.54	HN			
MVO	e Sg	02:04:57.93	HE			
EVO	e Sg	02:05:03.43	HN			
PBAR	e Sg	02:05:21.57	HN			

16-Jan Ho 03:20:02.7 Distante (NEIC) mb 4.9
Lat 28.799°N Lon 87.434°E Prof 10
Região: Xizang

<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	03:31:42.65	BZ			
	IAMB	03:31:43.54	BZ	0.019	1.2	
PVRL	e P	03:31:45.17	SZ			
POLO	e P	03:31:45.78	BZ			
MTE	e P	03:31:47.23	BZ			
	IAMB	03:31:47.84	BZ	0.031	1.2	
PVIS	e P	03:31:47.46	BZ			
PMRV	e P	03:31:48.07	BZ			
PTO	e P	03:31:49.52	SZ			
	IAMB	03:31:55.48	SZ	0.041	1.6	
PBAR	e P	03:31:49.91	BZ			
	IAMB	03:31:51.02	BZ	0.021	1.2	
PESTR	e P	03:31:54.68	BZ			
PSARD	e P	03:31:50.57	BZ			
	IAMB	03:31:52.19	BZ	0.023	1.1	
PARRA	e P	03:31:51.89	BZ			
PMTG	e P	03:31:51.89	BZ			
	IAMB	03:31:58.65	BZ	0.023	1.9	
EVO	e P	03:31:53.50	BZ			
	IAMB	03:31:54.63	BZ	0.046	2.2	

PBEJ	e P	03:31:53.97	SZ							PCVE	e P	08:23:01.96	HZ						
	IAMB	03:31:58.31	SZ	0.023	1.9						e S	08:23:13.83	HN						
MOE	e P	03:31:54.71	BZ								IAML	08:23:14.33	HZ	0.004	0.4				
PVAQ	e P	03:31:54.63	BZ							PFVI	e P	08:23:04.02	HZ						
MESJ	e P	03:31:55.95	BZ								e S	08:23:15.74	HE						
PBDV	e P	03:31:56.39	BZ								IAML	08:23:17.84	HZ	0.008	0.6				
16-Jan	Ho	04:13:39.1								PTEO	e S	08:23:21.05	HE						
	Lat	38.382°N	Lon	07.826°W						MESJ	e S	08:23:21.61	HN						
	Região:	NW Portel									IAML	08:23:22.96	HZ	0.003	0.3				
	AxMax	2.0	AxMin	1.2	Ang	91	ErrZ	5		PLOUS	e P	08:23:09.92	HZ						
											e S	08:23:28.06	HN						
Est	Fase	P h:m:s	Dur	Co			Amp	Per		GRNL	e P	08:23:12.30	CZ						
EVO	e Pg	04:13:43.16		HZ							e S	08:23:31.45	CE						
	e Sg	04:13:46.46		HN						PBAR	e S	08:23:30.64	HN						
	IAML	04:13:46.80		HZ	0.145	0.1													
PBEJ	e Pg	04:13:45.29		EZ						16-Jan	Ho	11:50:24.6							
	e Sg	04:13:50.43		EE							Lat	37.488°N	Lon	11.300°W					
	IAML	04:13:50.55		EZ	0.004	0.3					Região:	Abissal do Tejo							
MOE	e Pg	c 04:13:47.19		HZ							AxMax	9.4	AxMin	8.7	Ang	92	ErrZ	72	
	e Sg	04:13:53.42		HE						Est	Fase	P h:m:s	Dur	Co		Amp	Per		
	IAML	04:13:53.59		HZ	0.010	0.3				PFVI	e P	11:50:53.09		HZ					
PARRA	e Pg	d 04:13:47.61		HZ							e S	11:51:13.92		HN					
	e Sg	04:13:53.89		HE						PTEO	e S	11:51:14.96		HN					
	IAML	04:13:54.11		HZ	0.007	0.1				MORF	e P	11:50:54.60		HZ					
PESTR	e Pg	04:13:48.68		HZ							e S	11:51:16.73		HE					
	e Sg	04:13:55.50		HE							IAML	11:51:20.93		HZ	0.004	0.2			
PLOUS	e Pg	04:13:49.86		HZ						PMAFR	e S	11:51:18.45		HE					
	e Sg	04:13:57.59		HN						GRNL	e P	11:50:56.19		CZ					
	IAML	04:14:01.88		HZ	0.004	0.5					e S	11:51:19.90		CN					
MESJ	e Pg	04:13:50.85		HZ							IAML	11:51:34.75		CZ	0.004	0.4			
	e Sg	04:13:58.55		HE						PLOUS	e S	11:51:22.70		HE					
	IAML	04:14:00.57		HZ	0.003	0.4				MESJ	e S	11:51:25.71		HE					
GRNL	e Pg	04:13:50.96		CZ							IAML	11:51:28.72		HZ	0.003	0.5			
	e Sg	04:13:59.56		CN						MOE	e P	11:51:00.15		HZ					
	IAML	04:14:01.86		CZ	0.007	0.6					e S	11:51:27.57		HN					
PBAR	e Pg	04:13:50.95		HZ						PCVE	e P	11:51:02.06		HZ					
	e Sg	04:14:00.12		HN							e S	11:51:27.94		HE					
	IAML	04:14:01.64		HZ	0.005	0.4					IAML	11:51:41.18		HZ	0.002	0.9			
PMTG	e P	04:13:52.65		HZ						PBDV	e S	11:51:31.61		HE					
	e S	04:14:02.77		HE						PVAQ	e P	11:51:05.37		HZ					
	IAML	04:14:03.19		HZ	0.004	0.2					e S	11:51:34.29		H1					
PCVE	e P	04:13:53.34		HZ							IAML	11:51:40.57		HZ	0.002	0.3			
	e S	04:14:03.11		HE						PARRA	e P	11:51:04.67		HZ					
	IAML	04:14:03.90		HZ	0.003	0.4					e S	11:51:34.93		HE					
PVAQ	e P	04:13:57.40		HZ							IAML	11:51:40.47		HZ	0.002	0.7			
	e S	04:14:10.34		H2						PMTG	e P	11:51:04.91		HZ					
	IAML	04:14:11.45		HZ	0.002	0.5					e S	11:51:35.92		HN					
PMRV	e P	04:13:59.38		HZ						PESTR	e S	11:51:43.29		HN					
	e S	04:14:13.84		HN						PBAR	e S	11:51:48.43		HN					
	IAML	04:14:15.15		HZ	0.003	0.6					IAML	11:51:56.76		HZ	0.002	0.6			
PTEO	e S	04:14:13.58		HE						PMRV	e P	11:51:14.84		HZ					
PBDV	e P	04:14:00.36		HZ							e S	11:51:52.14		HN					
	e S	04:14:14.27		HE							IAML	11:51:54.88		HZ	0.002	0.7			
PSARD	e P	04:14:01.98		HZ															
	e S	04:14:17.86		HE						16-Jan									
	IAML	04:14:22.46		HZ	0.004	0.3				Est	Fase	P h:m:s	Dur	Co		Amp	Per		
MORF	e S	04:14:19.43		HE						PARRA	e Pg	14:32:35.88		HZ					
	IAML	04:14:20.19		HZ	0.005	0.4					e Sg	14:32:37.64		HE					
PMAFR	e S	04:14:19.85		HN							IAML	14:32:37.70		HZ	0.002	0.2			
PFVI	e Sn	04:14:24.62		HN															
16-Jan	Ho	08:22:46.4								16-Jan	Ho	14:34:49.9							
	Lat	36.807°N	Lon	07.728°W							Lat	31.199°N	Lon	08.253°W					
	Região:	Golfo de Cádiz									Região:	Morocco							
	AxMax	5.2	AxMin	4.2	Ang	145	ErrZ	4			AxMax	3.9	AxMin	2.1	Ang	34	ErrZ	0	
										Est	Fase	P h:m:s	Dur	Co		Amp	Per		
Est	Fase	P h:m:s	Dur	Co			Amp	Per		PFVI	e P	14:36:17.58		HZ					
PBDV	e P	08:22:54.87		HZ						PBDV	e P	14:36:18.98		HZ					
	e S	08:23:01.50		HN						PVAQ	e P	14:36:21.73		HZ					
	IAML	08:23:05.05		HZ	0.003	0.5					e S	14:37:30.75		H2					
PVAQ	e P	08:22:57.11		HZ							IAML	14:37:49.81		HZ	0.003	0.7			
	e S	08:23:05.03		H2						PTEO	e P	14:36:22.97		HZ					
	IAML	08:23:07.81		HZ	0.003	0.1				PCVE	e P	14:36:24.62		HZ					
											e S	14:37:35.64		HN					
											IAML	14:37:43.36		HZ	0.003	0.5			
										MESJ	e P	14:36:26.96		HZ					
										PLOUS	e P	14:36:30.03		HZ					
										GRNL	e P	14:36:30.82		CZ					
										PBAR	e P	14:36:32.60		HZ					

MOE	e P	14:36:36.46	HZ
PARRA	e P	14:36:40.52	HZ
	e S	14:38:03.69	HE
PMTG	e P	14:36:44.21	HZ
PMRV	e P	14:36:49.31	HZ

16-Jan Ho 23:29:19.2 ML 1.6
Lat 36.608°N Lon 07.132°W Prof 17
Região: Golfo de Cádiz Rms 0.4
AxMax 4.2 AxMin 3.0 Ang 48 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	23:29:35.20		HZ		
	e S	23:29:46.89		HE		
	IAML	23:29:47.96		HZ	0.006	0.4
PVAQ	e P	23:29:35.90		HZ		
	e S	23:29:48.22		H1		
	IAML	23:29:49.05		HZ	0.009	0.4
PCVE	e P	23:29:40.43		HZ		
	e S	23:29:56.39		HE		
	IAML	23:29:57.18		HZ	0.005	0.7
PMONC	e S	23:29:56.79		H2		
MORF	e S	23:29:58.25		HE		
	IAML	23:30:00.35		HZ	0.005	0.5
PFVI	e S	23:29:59.06		HN		
MESJ	e P	23:29:43.86		HZ		
	e S	23:30:01.98		HE		
	IAML	23:30:06.34		HZ	0.004	0.9
PBEJ	e P	23:29:44.48		EZ		
	e S	23:30:02.92		EN		
PBAR	e P	23:29:45.26		HZ		
	e S	23:30:04.14		HE		
	IAML	23:30:05.90		HZ	0.002	0.2
PTEO	e S	23:30:03.18		HN		
PLOUS	e P	23:29:47.25		HZ		
	e S	23:30:08.27		HN		
	IAML	23:30:32.05		HZ	0.003	0.7
GRNL	e P	23:29:48.97		CZ		
	e S	23:30:10.99		CE		
	IAML	23:30:21.90		CZ	0.003	0.4
EVO	e P	23:29:51.67		HZ		
	e S	23:30:14.69		HN		
	IAML	23:30:16.99		HZ	0.007	0.1
MOE	e P	23:29:53.02		HZ		
	e S	23:30:17.32		HE		
	IAML	23:30:19.40		HZ	0.003	0.3
PESTR	e P	23:29:54.81		HZ		
	e S	23:30:21.07		HE		
	IAML	23:30:23.04		HZ	0.002	0.9
PARRA	e P	23:29:55.33		HZ		
	e S	23:30:21.81		HN		
	IAML	23:30:23.31		HZ	0.002	0.3
PMTG	e P	23:29:59.37		HZ		
	e S	23:30:29.70		HE		
	IAML	23:30:31.63		HZ	0.010	0.9
PMRV	e P	23:30:02.39		HZ		
	e S	23:30:33.61		HN		
	IAML	23:30:35.42		HZ	0.004	0.7
PSARD	e P	23:30:06.24		HZ		
	e S	23:30:40.34		HN		
	IAML	23:30:44.55		HZ	0.003	0.2
MVO	e P	23:30:26.38		HZ		

17-Jan Ho 01:03:09.5 ML 1.3
Lat 36.621°N Lon 07.721°W Prof 18
Região: Golfo de Cádiz Rms 0.3
AxMax 6.2 AxMin 4.5 Ang 129 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	01:03:21.83		HZ		
	e S	01:03:31.67		HE		
PVAQ	e P	01:03:23.76		HZ		
	e S	01:03:34.34		H2		
	IAML	01:03:35.66		HZ	0.003	0.2
PFVI	e S	01:03:40.79		HE		
PCVE	e P	01:03:27.78		HZ		
	e S	01:03:41.54		HE		
	IAML	01:03:44.51		HZ	0.002	0.6

MESJ	e P	01:03:31.41	HZ
	e S	01:03:47.22	HE
PBEJ	e S	01:03:50.98	EE
PLOUS	e P	01:03:34.14	HZ
	e S	01:03:52.42	HN
GRNL	e P	01:03:35.66	CZ
PBAR	e P	01:03:36.34	HZ
	e S	01:03:55.60	HE
	IAML	01:04:00.21	HZ
EVO	e S	01:04:02.60	HN
PARRA	e P	01:03:43.55	HZ
	e S	01:04:09.53	HN
	IAML	01:04:11.90	HZ
PESTR	e S	01:04:10.59	HN

17-Jan Ho 01:35:54.2 Distante (NEIC) mb 4.8
Lat 07.180°N Lon 35.328°W Prof 10
Região: Central Mid-Atlantic Ridge

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e LQ	01:48:39.04		LE		
	e LR	01:49:45.97		LZ		
	IAMs_20	01:51:38.66		LZ	0.250	20
	e T	02:13:27.50		HZ		
FUL	e T	02:13:28.15		EZ		
PMAR	e T	02:13:29.35		HZ		
PTEO	e P	01:43:23.00		BZ		
PBDV	e P	01:43:23.13		BZ		
PVAQ	e LR	01:53:57.02		LZ		
	IAMs_20	01:55:35.42		LZ	0.237	20
EVO	e P	01:43:26.39		BZ		
PARRA	e P	01:43:27.65		BZ		
PMTG	e P	01:43:30.64		BZ		
	IAMB	01:43:35.16		BZ	0.044	1.9
PSARD	e P	01:43:32.23		BZ		
COI	e P	01:43:33.88		BZ		
PMRV	e P	01:43:34.69		BZ		
	IAMB	01:43:37.88		BZ	0.031	1.6
MTE	e LR	01:54:48.28		LZ		
	IAMs_20	01:57:27.59		LZ	0.302	20
PVIS	e P	01:43:44.34		BZ		
PGAV	e LR	01:55:06.22		LZ		
	IAMs_20	01:57:16.86		LZ	0.280	20
MVO	e LR	01:55:06.43		LZ		
	IAMs_20	01:57:52.71		LZ	0.309	20

17-Jan Ho 10:23:54.9 ML 1.3
Lat 42.446°N Lon 08.102°W Prof 2*
Região: NW Ourense (ESP) Rms 0.4
AxMax 4.2 AxMin 2.3 Ang 83 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PGAV	e Pg	10:24:03.63		HZ		
	e Sg	10:24:10.04		HN		
	IAML	10:24:10.58		HZ	0.007	0.2
PCAB	e P	10:24:09.15		EZ		
	e S	10:24:19.11		EN		
	IAML	10:24:21.31		EZ	0.009	0.1
POLO	e P	10:24:15.35		HZ		
	e S	10:24:29.66		HN		
	IAML	10:24:29.72		HZ	0.005	0.7
MVO	e Sn	10:24:41.64		HE		
	e Sg	10:24:42.70		HN		

17-Jan Ho 13:15:06.6 ML 1.1
Lat 36.608°N Lon 07.445°W Prof 11
Região: Golfo de Cádiz Rms 0.4
AxMax 10.3 AxMin 8.3 Ang 92 ErrZ 6

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e S	13:15:29.90		HN		
PVAQ	e P	13:15:21.55		HZ		
	e S	13:15:32.44		H2		
	IAML	13:15:33.06		HZ	0.004	0.4
PCVE	e P	13:15:27.01		HZ		
	e S	13:15:40.18		HN		
PBAR	e S	13:15:56.66		HE		
PARRA	e P	13:15:41.79		HZ		
	e S	13:16:07.80		HN		
PESTR	e S	13:16:08.55		HE		

PMTG	e S	13:16:15.64	HN		
PMRV	e S	13:16:22.57	HN		
PSARD	e P	13:15:50.80	HZ		
	e S	13:16:27.51	HN		

17-Jan	Ho	16:05:38.2		ML 1.3	
	Lat	36.525°N	Lon	09.532°W	Prof 21
	Região:	SW Cabo S.Vicente		Rms 0.2	
	AxMax	6.4	AxMin	5.0	Ang 99 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	16:05:53.13		HZ		
	e S	16:06:04.73		HN		
MORF	e P	16:05:56.56		HZ		
	e S	16:06:09.91		HN		
	IAML	16:06:12.36		HZ	0.003	0.1
PMONC	e S	16:06:11.68		H2		
PBDV	e P	16:06:02.10		HZ		
	e S	16:06:20.15		HN		
PCVE	e P	16:06:05.33		HZ		
	e S	16:06:24.79		HN		
PVAQ	e P	16:06:05.17		HZ		
	e S	16:06:25.45		H2		
	IAML	16:06:26.76		HZ	0.002	0.3
PLOUS	e S	16:06:26.05		HE		
GRNL	e P	16:06:05.80		CZ		
	e S	16:06:26.75		CE		
	IAML	16:06:26.92		CZ	0.003	0.8
PARRA	e P	16:06:17.14		HZ		
	e S	16:06:46.15		HN		
PBAR	e S	16:06:45.80		HE		
PMTG	e S	16:06:50.74		HE		
PMRV	e S	16:07:05.93		HN		

17-Jan	Ho	17:18:39.3	Distante (NEIC)	mb 4.5	
	Lat	09.241°N	Lon	39.889°E	Prof 10
	Região:	Ethiopia			

<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 LR	17:49:41.38		LZ		
	IAMs_20	17:52:24.03		LZ	0.337	18
PMRV	e LQ	17:46:25.73		LN		
	e LR	17:49:00.10		LZ		
	IAMs_20	17:52:50.38		LZ	0.251	16
MVO	e LR	17:49:38.95		LZ		
	IAMs_20	17:53:24.85		LZ	0.463	16
MTE	e LQ	17:46:46.94		LN		
	e LR	17:50:29.77		LZ		
	IAMs_20	17:53:09.85		LZ	0.423	18
PGAV	e LQ	17:44:33.52		LN		
	e LR	17:50:14.82		LZ		
	IAMs_20	17:54:17.12		LZ	0.545	16
PMOZ	e LR	17:53:06.53		LZ		
	IAMs_20	17:55:26.11		LZ	0.318	16

17-Jan	Ho	18:20:26.4		ML 1.6	
	Lat	36.157°N	Lon	07.595°W	Prof 25
	Região:	Golfo de Cádiz		Rms 0.4	
	AxMax	4.4	AxMin	2.3	Ang 78 ErrZ 9

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	18:20:44.37		HZ		
	e S	18:20:57.84		HE		
	IAML	18:21:01.26		HZ	0.004	0.4
PVAQ	e P	18:20:46.52		HZ		
	e S	18:21:01.34		H2		
	IAML	18:21:02.21		HZ	0.006	0.3
PMONC	e P	18:20:45.59		HZ		
	e S	18:21:04.77		H1		
	IAML	18:21:12.44		HZ	0.012	0.1
PFVI	e P	18:20:48.34		HZ		
	e S	18:21:05.88		HE		
MORF	e P	18:20:48.78		HZ		
	e S	18:21:06.63		HN		
	IAML	18:21:13.46		HZ	0.004	0.2
PCVE	e P	18:20:50.56		HZ		
	e S	18:21:08.52		HN		
	IAML	18:21:12.96		HZ	0.003	0.4
PTEO	e P	18:20:52.40		HZ		
	e S	18:21:12.00		HE		
	IAML	18:21:17.14		HZ	0.007	0.7

MESJ	e P	18:20:53.69		HZ		
	e S	18:21:14.33		HE		
	IAML	18:21:19.34		HZ	0.003	0.2
PLOUS	e P	18:20:56.71		HZ		
	e S	18:21:20.67		HE		
	IAML	18:21:28.67		HZ	0.003	0.9
PBAR	e P	18:20:58.18		HZ		
	e S	18:21:22.12		HE		
GRNL	e P	18:20:58.31		CZ		
	e S	18:21:22.07		CE		
	IAML	18:21:32.15		CZ	0.002	0.3
EVO	e S	18:21:29.98		HE		
	IAML	18:21:37.81		HZ	0.007	0.3
MOE	e P	18:21:03.46		HZ		
	e S	18:21:31.06		HN		
	IAML	18:21:42.47		HZ	0.003	0.6
PARRA	e P	18:21:06.44		HZ		
	e S	18:21:36.87		HN		
PMTG	e P	18:21:10.46		HZ		
	e S	18:21:43.72		HE		
PMRV	e P	18:21:14.57		HZ		
	e S	18:21:49.48		HE		
PSARD	e P	18:21:17.48		HZ		
	e S	18:21:55.04		HE		

17-Jan	Ho	20:59:23.2		ML 0.8	
	Lat	41.793°N	Lon	08.719°W	Prof 0*
	Região:	SE Caminha		Rms 0.4	
	AxMax	6.2	AxMin	2.4	Ang 75 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PGAV	e Pg	20:59:30.29		HZ		
	e Sg	20:59:34.91		HE		
	IAML	20:59:35.41		HZ	0.004	0.4
PCAB	e Pg	20:59:32.38		EZ		
	e Sg	20:59:40.19		EE		
POLO	e P	20:59:38.78		HZ		
	IAML	20:59:48.61		HZ	0.002	0.6
	e S	20:59:48.81		HE		
PVIS	e S	21:00:02.49		HE		

17-Jan	Ho	22:39:25.5		ML 2.1	
	Lat	36.607°N	Lon	12.741°W	Prof 10*
	Região:	Gorringe		Rms 0.4	
	AxMax	9.3	AxMin	5.8	Ang 121 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	22:40:08.34		HZ		
	e S	22:40:42.22		HE		
	IAML	22:40:46.30		HZ	0.011	0.7
PMAFR	e S	22:40:53.10		HE		
GRNL	e P	22:40:16.65		CZ		
	e S	22:40:53.86		CN		
	IAML	22:40:55.31		CZ	0.003	0.6
PLOUS	e P	22:40:17.19		HZ		
PCVE	e P	22:40:19.09		HZ		
	e S	22:41:01.70		HE		
PVAQ	e P	22:40:21.88		HZ		
	e S	22:41:05.42		H2		
PARRA	e P	22:40:25.09		HZ		
	e S	22:41:09.51		HN		
PMTG	e P	22:40:25.64		HZ		
	e S	22:41:10.08		HE		
PSARD	e S	22:41:19.31		HE		
PBAR	e P	22:40:31.56		HZ		
	e S	22:41:21.88		HE		
PMRV	e P	22:40:35.24		HZ		
	e S	22:41:27.93		HE		

17-Jan	Ho	23:14:58.9		ML 0.9	
	Lat	37.172°N	Lon	09.033°W	Prof 29
	Região:	NW Vila do Bispo		Rms 0.2	
	AxMax	2.9	AxMin	2.2	Ang 91 ErrZ 1

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e Pg	23:15:04.35		HZ		
	e Sg	23:15:08.61		HN		
	IAML	23:15:10.54		HZ	0.009	0.7
MORF	e Pg	23:15:06.44		HZ		
	e Sg	23:15:11.54		HE		
	IAML	23:15:13.46		HZ	0.005	0.2

18-Jan	Ho	06:04:38.0	Distante (NEIC)	mb 4.7					
	Lat	20.750°S	Lon	178.600°W	Prof	602			
	Região: Fiji Islands Region								
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBRG	e PKPab	06:24:03.58		BZ					
MVO	e PKPab	06:24:07.52		BZ					
PVIS	e PKPab	06:24:08.05		BZ					
PCAS	e PKPab	06:24:09.22		BZ					
PSARD	e PKPab	06:24:11.78		BZ					
PMRV	e PKPab	06:24:13.07		BZ					
PMTG	e PKPab	06:24:13.23		BZ					
PARRA	e PKPab	06:24:14.08		BZ					
PESTR	e PKPab	06:24:15.08		BZ					
MOE	e PKPab	06:24:15.53		BZ					
EVO	e PKPab	06:24:16.17		BZ					
PCVE	e PKPab	06:24:18.98		BZ					

18-Jan	Ho	09:14:54.4	ML 1.6						
	Lat	36.016°N	Lon	10.695°W	Prof	28*			
	Região: Gorringe								
	AxMax	10.1	AxMin	5.3	Ang	123	ErrZ	0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	09:15:22.74		HZ					
	e S	09:15:44.09		HN					
MORF	e P	09:15:25.78		HZ					
	e S	09:15:49.46		HN					
PBDV	e P	09:15:32.29		HZ					
PCVE	e P	09:15:34.43		HZ					
	e S	09:16:04.34		HN					
GRNL	e P	09:15:33.81		CZ					
	e S	09:16:04.86		CN					
	IAML	09:16:06.66		CZ	0.002	0.1			
MESJ	e S	09:16:04.16		HE					
PLOUS	e S	09:16:04.25		HN					
PVAQ	e P	09:15:35.25		HZ					
	e S	09:16:05.82		H1					
PARRA	e P	09:15:45.01		HZ					
	e S	09:16:23.28		HE					
PMTG	e P	09:15:47.13		HZ					
	e S	09:16:26.00		HE					
PBAR	e P	09:15:47.58		HZ					
	e S	09:16:26.24		HN					

18-Jan	Ho	16:00:19.8	ML 1.9						
	Lat	34.571°N	Lon	05.247°W	Prof	19			
	Região: NW Fez (Marr)								
	AxMax	3.6	AxMin	2.7	Ang	74	ErrZ	6	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e P	16:01:11.01		HZ					
	e S	16:01:50.60		HE					
PVAQ	e P	16:01:11.20		HZ					
	e S	16:01:50.92		H2					
	IAML	16:01:51.81		HZ	0.003	0.4			
PCVE	e S	16:01:59.21		HN					
PBAR	e P	16:01:18.36		HZ					
	e S	16:02:01.07		HN					
PFVI	e P	16:01:16.73		HZ					
	e S	16:02:00.22		HE					
MORF	e P	16:01:18.32		HZ					
	e S	16:02:01.49		HE					
PARRA	e P	16:01:30.43		HZ					
	e S	16:02:23.65		HN					

18-Jan	Ho	17:58:32.4	ML 1.0						
	Lat	36.722°N	Lon	09.696°W	Prof	30*			
	Região: SW Cabo S.Vicente								
	AxMax	11.8	AxMin	7.9	Ang	94	ErrZ	0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	17:58:46.11		HZ					
	e S	17:58:56.41		HN					
MORF	e P	17:58:49.38		HZ					
	e S	17:59:01.57		HE					
	IAML	17:59:02.53		HZ	0.002	0.1			
PTEO	e S	17:59:04.36		HE					
PCVE	e S	17:59:16.74		HE					
GRNL	e S	17:59:16.82		CN					
PLOUS	e S	17:59:16.99		HE					

PVAQ	e P	17:58:59.70	HZ		
	e S	17:59:18.70	H1		
PARRA	e S	17:59:36.99	HN		

18-Jan	Ho	20:09:05.8	ML 0.3						
	Lat	36.619°N	Lon	09.682°W	Prof	19			
	Região: SW Cabo S.Vicente								
	AxMax	7.4	AxMin	4.5	Ang	94	ErrZ	4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	20:09:21.20		HZ					
	e S	20:09:32.95		HE					
MORF	e P	20:09:24.24		HZ					
	e S	20:09:38.42		HN					
PBDV	e P	20:09:30.76		HZ					
	e S	20:09:49.44		HN					
GRNL	e S	20:09:54.59		CN					
PLOUS	e S	20:09:53.78		HE					
PVAQ	e P	20:09:33.75		HZ					
	e S	20:09:54.52		H2					
	IAML	20:09:56.85		HZ	0.000	0.1			
MOE	e S	20:10:04.44		HN					
PARRA	e S	20:10:13.98		HN					
PMTG	e S	20:10:16.79		HE					

18-Jan	Ho	22:46:05.10	ML 0.1						
	Lat	38.725°N	Lon	07.900°W	Prof	15			
	Região: E Arraiolos								
	AxMax	2.1	AxMin	1.1	Ang	110	ErrZ	4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PARRA	e Pg	22:46:06.90		HN					
	e Sg	22:46:07.15		HZ	0.000	0.1			
	IAML	22:46:07.15		HZ					

18-Jan	Ho	23:18:05.0	ML 0.1						
	Lat	38.725°N	Lon	07.900°W	Prof	15			
	Região: E Arraiolos								
	AxMax	2.1	AxMin	1.1	Ang	110	ErrZ	4	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PARRA	i Pg	23:18:08.52		HZ					
	e Sg	23:18:11.30		HE					
	IAML	23:18:11.37		HZ	0.001	0.1			
EVO	e Pg	23:18:09.47		HZ					
	e Sg	23:18:12.95		HN					
PESTR	e Pg	23:18:10.53		HZ					
	e Sg	23:18:14.68		HE					
MOE	e Pg	23:18:12.61		HZ					
	e Sg	23:18:18.02		HN					
PMTG	e Pg	23:18:13.14		HZ					
	e Sg	23:18:18.85		HN					
PMRV	e P	23:18:19.73		HZ					
	e S	23:18:30.23		HE					
GRNL	e P	23:18:19.97		CZ					
PSARD	e S	23:18:33.49		HN					

19-Jan	Ho	00:04:26.4	ML 0.3						
	Lat	38.765°N	Lon	08.009°W	Prof	14			
	Região: NW Arraiolos								
	AxMax	1.8	AxMin	0.9	Ang	100	ErrZ	3	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PARRA	e Pg	00:04:28.99		HZ					
	e Sg	00:04:31.03		HN					
	IAML	00:04:32.79		HZ	0.001	0.1			
EVO	e Pg	00:04:31.23		HZ					
	e Sg	00:04:34.84		HN					
	IAML	00:04:35.01		HZ	0.010	0.1			
PESTR	e Pg	00:04:32.85		HZ					
	e Sg	00:04:37.65		HN					
PMTG	e Pg	00:04:32.91		HZ					
	e Sg	00:04:37.76		HE					
	IAML	00:04:38.51		HZ	0.001	0.2			
MOE	e Pg	00:04:33.23		HZ					
	e Sg	00:04:38.41		HE					
GRNL	e P	00:04:40.61		CZ					
	e S	00:04:51.68		CE					
PLOUS	e P	00:04:41.17		HZ					
	e S	00:04:51.37		HN					
PMRV	e P	00:04:41.29		HZ					
	e S	00:04:52.57		HE					
PSARD	e P	00:04:41.89		HZ					
	e S	00:04:53.02		HE					
	IAML	00:04:54.38		HZ	0.003	0.3			

MESJ e S 00:04:55.80 HN
PBAR e P 00:04:44.10 HZ
e S 00:04:56.51 HE

19-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	00:05:04.42		HZ		
	e Sg	00:05:06.35		HE		
	IAML	00:05:06.54		HZ	0.001	0.2

19-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	00:05:10.62		HZ		
	e Sg	00:05:12.35		HN		

19-Jan Ho 00:41:23.1 ML 0.7
Lat 36.875°N Lon 09.223°W Prof 30
Região: SW Cabo S.Vicente Rms 0.4
AxMax 7.0 AxMin 5.6 Ang 74 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	00:41:31.24		HZ		
	e S	00:41:38.01		HE		
	IAML	00:41:38.54		HZ	0.004	0.3
MORF	e P	00:41:34.31		HZ		
	e S	00:41:43.25		HN		
	IAML	00:41:43.85		HZ	0.004	0.1
PMONC	e S	00:41:44.78		H2		
	IAML	00:41:46.20		HZ	0.011	0.1
PTEO	e S	00:41:47.05		HN		
PBDV	e P	00:41:40.97		HZ		
	e S	00:41:55.13		HE		
PCVE	e S	00:41:57.56		HN		
PVAQ	e P	00:41:43.73		HZ		
	e S	00:41:59.82		H2		
	IAML	00:42:01.08		HZ	0.000	0.1
PLOUS	e S	00:41:59.60		HE		
GRNL	e S	00:41:59.90		CE		
MOE	e S	00:42:10.89		HN		
PARRA	e P	00:41:55.99		HZ		
	e S	00:42:19.32		HN		
PMTG	e P	00:41:58.34		HZ		
	e S	00:42:24.36		HN		
PESTR	e S	00:42:25.40		HN		
PSARD	e P	00:42:05.18		HZ		
PMRV	e S	00:42:39.31		HN		

19-Jan Ho 01:12:43.5 ML 1.3
Lat 37.000°N Lon 05.335°W Prof 13
Região: SE Sevilha (ESP) Rms 0.4
AxMax 4.2 AxMin 3.3 Ang 167 ErrZ 6

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	01:13:12.08		HZ		
	e Sn	01:13:35.06		HE		
	e Sg	01:13:36.52		HE		
	IAML	01:13:42.48		HZ	0.001	0.5
PVAQ	e Pn	01:13:15.00		HZ		
	e Sn	01:13:39.47		H2		
	e Sg	01:13:47.13		H1		
	IAML	01:13:47.66		HZ	0.002	0.7
PCVE	e Sg	01:13:53.01		HN		
PESTR	e Sg	01:14:02.88		HE		
PLOUS	e Pn	01:13:25.07		HZ		
	e Sg	01:14:05.71		HN		
GRNL	e Pn	01:13:26.56		CZ		
PFVI	e Sn	01:13:59.35		HN		
PARRA	e Pn	01:13:26.93		HZ		
	e Sn	01:13:59.23		HE		
	e Sg	01:14:10.26		HE		
MOE	e Sn	01:14:03.23		HE		
PMRV	e Pn	01:13:29.68		HZ		
	e Sn	01:14:03.73		HN		
PMTG	e Sn	01:14:07.40		HN		

19-Jan Ho 02:20:25.7 Distante (NEIC) mb 4.6
Lat 29.958°N Lon 50.670°E Prof 10
Região: Southern Iran

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	02:28:57.10		BZ		
MVO	e P	02:29:00.84		BZ		
PBAR	e P	02:29:03.65		BZ		
PMRV	e P	02:29:03.83		BZ		
PVRL	e P	02:29:05.09		SZ		
POLO	e P	02:29:06.37		BZ		
PESTR	e P	02:29:05.79		BZ		
PVAQ	e P	02:29:08.89		BZ		
PSARD	e P	02:29:08.64		BZ		

19-Jan Ho 02:32:03.1 ML 0.7
Lat 36.566°N Lon 09.711°W Prof 31*
Região: SW Cabo S.Vicente Rms 0.3
AxMax 6.3 AxMin 4.7 Ang 97 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	02:32:18.13		HZ		
	e S	02:32:29.48		HN		
MORF	e P	02:32:21.61		HZ		
	e S	02:32:34.85		HN		
PTEO	e S	02:32:38.00		HE		
PBDV	e S	02:32:44.82		HE		
PCVE	e S	02:32:48.67		HE		
GRNL	e S	02:32:50.63		CN		
PLOUS	e S	02:32:50.36		HN		
PVAQ	e P	02:32:30.45		HZ		
	e S	02:32:51.01		H1		
	IAML	02:32:52.80		HZ	0.000	0.2
MOE	e S	02:33:00.34		HN		
EVO	e S	02:33:04.90		HE		
PARRA	e S	02:33:10.45		HE		
PBAR	e S	02:33:12.34		HN		
PMTG	e P	02:32:43.84		HZ		
	e S	02:33:14.35		HE		
PMRV	e P	02:32:52.04		HZ		
	e S	02:33:29.04		HE		

19-Jan Ho 02:52:45.7 ML 2.3
Lat 37.279°N Lon 15.662°W Prof 22*
Região: Madeira-Tore Rms 0.5
AxMax 5.6 AxMin 5.2 Ang 171 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e P	02:53:59.41		HZ		
	e S	02:54:54.32		HN		
PFVI	e P	02:54:01.17		HZ		
	e S	02:54:56.62		HN		
PTEO	e P	02:54:01.84		HZ		
	e S	02:54:58.33		HN		
MORF	e P	02:54:02.95		HZ		
	e S	02:55:00.74		HN		
	IAML	02:55:04.65		HZ	0.002	0.2
PMONC	e S	02:55:03.29		H2		
GRNL	e P	02:54:03.79		CZ		
	e S	02:55:02.15		CE		
	IAML	02:55:07.66		CZ	0.002	0.5
PLOUS	e P	02:54:05.69		HZ		
	e S	02:55:05.01		HN		
	IAML	02:55:07.02		HZ	0.002	0.5
MOE	e P	02:54:07.11		HZ		
	e S	02:55:09.16		HE		
	IAML	02:55:14.33		HZ	0.002	0.8
MESJ	e P	02:54:07.06		HZ		
	e S	02:55:09.12		HE		
	IAML	02:55:13.39		HZ	0.002	0.9
PCVE	e S	02:55:11.64		HE		
PMTG	e P	02:54:09.78		HZ		
	e S	02:55:12.84		HE		
PBDV	e S	02:55:15.63		HE		
EVO	e P	02:54:10.50		HZ		
	e S	02:55:14.70		HN		
	IAML	02:55:19.44		HZ	0.004	0.1
PARRA	e P	02:54:10.79		HZ		
	e S	02:55:14.76		HN		
	IAML	02:55:17.39		HZ	0.001	0.1

PCAS	e P	02:54:12.20	HZ							MOE	e Pn	04:54:52.38	HZ							
	e S	02:55:15.84	HE								e Sn	04:55:26.08	HE							
PSARD	e P	02:54:13.21	HZ								IAML	04:55:45.17	HZ	0.004	0.6					
	e S	02:55:18.33	HE							PMRV	e Pn	04:54:51.82	HZ							
	IAML	02:55:21.37	HZ	0.003	0.5						e Sn	04:55:25.00	HN							
PVAQ	e P	02:54:13.55	HZ								e Sg	04:55:36.48	HE							
	e S	02:55:18.55	H2								IAML	04:55:42.36	HZ	0.004	0.5					
	IAML	02:55:22.42	HZ	0.002	0.7					PMTG	e Pn	04:54:54.18	HZ							
PESTR	e S	02:55:23.59	HE								e Sn	04:55:30.96	HN							
PMRV	e P	02:54:19.75	HZ								e Sg	04:55:42.86	HN							
	e S	02:55:30.33	HN								IAML	04:55:51.30	HZ	0.003	0.6					
PBAR	e P	02:54:20.25	HZ							PSARD	e Pn	04:54:59.24	HZ							
	e S	02:55:31.73	HE								e Sn	04:55:38.59	HN							
	IAML	02:55:41.00	HZ	0.001	0.7						e Sg	04:55:53.92	HE							
PVIS	e P	02:54:21.11	HZ								IAML	04:55:58.01	HZ	0.005	0.3					
	e S	02:55:33.61	HN							PMAFR	e Sn	04:55:46.96	HE							
MTE	e S	02:55:36.59	HE							PCAS	e Sn	04:55:51.32	HN							
POLO	e P	02:54:28.06	HZ							PVIS	e Sn	04:55:57.03	HN							
	e S	02:55:42.52	HN							MVO	e Sn	04:55:58.98	HN							
PGAV	e P	02:54:26.64	HZ								e Sg	04:56:23.05	HE							
	e S	02:55:43.93	HE																	
MVO	e P	02:54:31.97	HZ																	
	e S	02:55:51.34	HN																	
PBRG	e P	02:54:37.57	HZ																	
19-Jan Ho 04:54:05.1 ML 1.9										Est	Fase	P h:m:s	Dur	Co	Amp	Per				
Lat 37.047°N Lon 05.215°W Prof 2*										PFVI	e P	05:03:05.08		HZ						
Região: SE Sevilha (ESP) Rms 0.5											e S	05:03:49.52		HE						
AxMax 2.0 AxMin 1.8 Ang 45 ErrZ 0										PTEO	e S	05:03:52.05		HE						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>														
PBAR	e Pn	04:54:35.50		HZ						MORF	e S	05:03:53.48		HN						
	e Sn	04:54:59.69		HE						PMONC	e S	05:03:55.94		H1						
	IAML	04:55:10.90		HZ	0.004	0.5				GRNL	e P	05:03:10.96		CZ						
PVAQ	e Pn	04:54:38.47		HZ							e S	05:03:59.85		CN						
	e Sn	04:55:04.01		H2							IAML	05:04:02.65		CZ	0.001	0.1				
	e Sg	04:55:09.33		H2						PLOUS	e P	05:03:11.42		HZ						
	IAML	04:55:14.36		HZ	0.005	0.6					e S	05:04:01.37		HE						
PBDV	e Pn	04:54:40.98		HZ						MESJ	e S	05:04:05.25		HN						
	e Sn	04:55:07.60		HN						PCVE	e S	05:04:06.75		HN						
	e Sg	04:55:15.51		HN						MOE	e P	05:03:14.46		HZ						
	IAML	04:55:21.60		HZ	0.006	0.4				PBDV	e P	05:03:15.88		HZ						
PCVE	e Pn	04:54:43.04		HZ							e S	05:04:07.46		HE						
	e Sn	04:55:12.15		HN						PVAQ	e P	05:03:17.84		HZ						
	IAML	04:55:23.35		HZ	0.003	0.4					e S	05:04:11.78		H2						
MESJ	e Pn	04:54:45.43		HZ							IAML	05:04:14.31		HZ	0.000	0.2				
	e Sn	04:55:16.69		HE						EVO	e S	05:04:12.83		HE						
	e Sg	04:55:28.23		HN						PMTG	e P	05:03:18.81		HZ						
	IAML	04:55:29.43		HZ	0.003	0.8					e S	05:04:15.25		HN						
PESTR	e Pn	04:54:46.62		HZ						PARRA	e P	05:03:18.91		HZ						
	e Sn	04:55:18.39		HN							e S	05:04:15.14		HE						
	e Sg	04:55:27.10		HE							IAML	05:04:16.75		HZ	0.000	0.1				
	IAML	04:55:32.25		HZ	0.004	0.3				PSARD	e P	05:03:23.75		HZ						
EVO	e Pn	04:54:47.40		HZ							e S	05:04:24.09		HE						
	e Sn	04:55:20.26		HE						PESTR	e S	05:04:22.32		HN						
	e Sg	04:55:29.68		HN						PBAR	e P	05:03:27.02		HZ						
	IAML	04:55:34.35		HZ	0.007	0.5				PMRV	e P	05:03:29.21		HZ						
PLOUS	e Pn	04:54:48.45		HZ							e S	05:04:33.03		HE						
	e Sn	04:55:21.83		HE																
	e Sg	04:55:32.25		HN																
	IAML	04:55:44.94		HZ	0.003	0.7														
MORF	e Pn	04:54:49.70		HZ																
	e Sn	04:55:23.19		HN																
	e Sg	04:55:33.72		HE																
	IAML	04:55:40.44		HZ	0.003	0.7														
PTEO	e Pn	04:54:50.43		HZ																
	e Sn	04:55:22.82		HN																
	IAML	04:55:45.14		HZ	0.004	1.0														
PARRA	e Pn	04:54:49.59		HZ																
	e Sn	04:55:23.82		HN																
	e Sg	04:55:35.44		HN																
	IAML	04:55:42.21		HZ	0.002	0.6														
GRNL	e Pn	04:54:50.73		CZ																
	e Sn	04:55:25.12		CE																
	IAML	04:55:42.28		CZ	0.003	0.9														
PFVI	e Pn	04:54:51.01		HZ																
	e Sn	04:55:25.39		HN																
19-Jan Ho 05:02:05.4 ML 1.5										Est	Fase	P h:m:s	Dur	Co	Amp	Per				
Lat 36.487°N Lon 14.142°W Prof 36*										PFVI	e P	05:03:05.08		HZ						
Região: Josephine Rms 0.5											e S	05:03:49.52		HE						
AxMax 11.4 AxMin 6.9 Ang 160 ErrZ 0										PTEO	e S	05:03:52.05		HE						
										MORF	e S	05:03:53.48		HN						
										PMONC	e S	05:03:55.94		H1						
										GRNL	e P	05:03:10.96		CZ						
											e S	05:03:59.85		CN						
											IAML	05:04:02.65		CZ	0.001	0.1				
										PLOUS	e P	05:03:11.42		HZ						
											e S	05:04:01.37		HE						
										MESJ	e S	05:04:05.25		HN						
										PCVE	e S	05:04:06.75		HN						
										MOE	e P	05:03:14.46		HZ						
										PBDV	e P	05:03:15.88		HZ						
											e S	05:04:07.46		HE						
										PVAQ	e P	05:03:17.84		HZ						
											e S	05:04:11.78		H2						
											IAML	05:04:14.31		HZ	0.000	0.2				
										EVO	e S	05:04:12.83		HE						
										PMTG	e P	05:03:18.81		HZ						
											e S	05:04:15.25		HN						
										PARRA	e P	05:03:18.91		HZ						
											e S	05:04:15.14		HE						
											IAML	05:04:16.75		HZ	0.000	0.1				
										PSARD	e P	05:03:23.75		HZ						
											e S	05:04:24.09		HE						
										PESTR	e S	05:04:22.32		HN						
										PBAR	e P	05:03:27.02		HZ						
										PMRV	e P	05:03:29.21		HZ						
											e S	05:04:33.03		HE						
19-Jan Ho 05:36:25.7 ML 0.4										Est	Fase	P h:m:s	Dur	Co	Amp	Per				
Lat 38.809°N Lon 08.949°W Prof 3*										AML04	e Pg	05:36:26.62		HZ						
Região: NE Alcochete Rms 0.4											IAML	05:36:28.29		HZ	0.030	0.2				
AxMax 2.2 AxMin 1.6 Ang 60 ErrZ 0											e Sg	05:36:28.48		HN						
										PBEN	e Sg	05:36:31.95		H2						
										AML03	e Sg	05:36:31.28		H1						
										PMAFR	e Pg	05:36:30.75		HZ						
											e Sg	05:36:35.15		HE						
										MOE	e Sg	05:36:42.62		HE						
										PMTG	e Pg	05:36:36.91		HZ						

PLOUS	e P	05:36:42.39	HZ
	e S	05:36:54.16	HE
PSARD	e P	05:36:44.73	HZ
	e S	05:36:57.86	HN
PESTR	e P	05:36:45.58	HZ
	e S	05:36:59.01	HN
MESJ	e S	05:37:01.51	HN
PMRV	e Pn	05:36:50.21	HZ
	e Sg	05:37:08.37	HE

19-Jan	Ho	07:58:59.3	ML 1.2
	Lat	36.141°N	Lon 07.946°W
	Prof	33*	
	Região:	Golfo de Cádiz	Rms 0.3
	AxMax	5.3	AxMin 2.9
	Ang	82	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	07:59:17.01	HZ
	e S	07:59:30.44	HN
PFVI	e S	07:59:33.42	HN
PVAQ	e P	07:59:19.45	HZ
	e S	07:59:34.68	H1
	IAML	07:59:35.05	HZ 0.002 0.4
PCVE	e P	07:59:22.98	HZ
	e S	07:59:39.60	HN
GRNL	e S	07:59:52.56	CN
PBAR	e S	07:59:55.96	HE
PARRA	e P	07:59:38.75	HZ
	e S	08:00:08.43	HE
PMTG	e P	07:59:42.04	HZ
	e S	08:00:14.93	HN

19-Jan	Ho	08:42:44.4	ML 1.5
	Lat	36.678°N	Lon 07.413°W
	Prof	35*	
	Região:	Golfo de Cádiz	Rms 0.4
	AxMax	3.0	AxMin 2.6
	Ang	73	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	08:42:56.53	HZ
	e S	08:43:05.99	HN
	IAML	08:43:07.61	HZ 0.010 0.2
PVAQ	e P	08:42:57.49	HZ
	e S	08:43:07.36	H2
	IAML	08:43:09.00	HZ 0.011 0.3
PCVE	e P	08:43:02.15	HZ
	e S	08:43:14.89	HN
	IAML	08:43:15.70	HZ 0.007 0.2
MORF	e P	08:43:02.91	HZ
	e S	08:43:17.31	HN
	IAML	08:43:18.88	HZ 0.006 0.2
PFVI	e P	08:43:03.90	HZ
	e S	08:43:18.32	HN
MESJ	e P	08:43:05.46	HZ
	e S	08:43:21.14	HE
	IAML	08:43:22.90	HZ 0.003 0.4
PTEO	e P	08:43:06.10	HZ
	e S	08:43:22.17	HE
PBAR	e P	08:43:08.07	HZ
	e S	08:43:25.97	HE
	IAML	08:43:32.40	HZ 0.003 0.4
PLOUS	e P	08:43:08.78	HZ
	e S	08:43:28.21	HE
	IAML	08:43:33.82	HZ 0.003 0.7
GRNL	e P	08:43:10.93	CZ
	e S	08:43:30.23	CN
	IAML	08:43:36.28	CZ 0.003 0.8
EVO	e P	08:43:14.09	HZ
	e S	08:43:36.37	HE
MOE	e P	08:43:14.74	HZ
	e S	08:43:36.85	HE
	IAML	08:43:39.00	HZ 0.002 0.1
PESTR	e P	08:43:17.74	HZ
	e S	08:43:41.66	HN
PARRA	e P	08:43:17.48	HZ
	e S	08:43:41.76	HE
	IAML	08:43:43.25	HZ 0.001 0.2
PMTG	e P	08:43:21.42	HZ
	e S	08:43:49.79	HN
PSARD	e P	08:43:28.42	HZ
	e S	08:44:00.93	HE
	IAML	08:44:02.88	HZ 0.005 0.1

19-Jan	Ho	10:16:54.1	ML 2.3
	Lat	32.539°N	Lon 05.310°W
	Prof	1*	
	Região:	S Fez (Marr)	Rms 0.5
	AxMax	7.1	AxMin 4.0
	Ang	9	ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PBDV	e P	10:18:10.36	HZ
	e S	10:19:09.12	HE
PVAQ	e P	10:18:11.94	HZ
	e S	10:19:10.94	H2
	IAML	10:19:15.39	HZ 0.002 0.6
PFVI	e S	10:19:15.77	HN
PCVE	e P	10:18:17.45	HZ
	e S	10:19:19.31	HN
PBAR	e P	10:18:19.96	HZ
	e S	10:19:24.73	HE
	IAML	10:19:28.78	HZ 0.001 0.4
PLOUS	e P	10:18:23.19	HZ
	e S	10:19:31.42	HE
GRNL	e P	10:18:25.01	CZ
	e S	10:19:34.82	CE
MOE	e S	10:19:41.94	HE
PESTR	e S	10:19:45.86	HE
PARRA	e P	10:18:31.78	HZ
	e S	10:19:44.60	HN

19-Jan	Ho	12:45:05.0	ML 0.8
	Lat	38.814°N	Lon 08.944°W
	Prof	5	
	Região:	NE Alcochete	Rms 0.4
	AxMax	6.0	AxMin 2.5
	Ang	35	ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
AML04	e Pg	12:45:05.91	HZ
	e Sg	12:45:07.82	HN
PMAFR	e Sg	12:45:14.55	HN
MOE	e Pg	12:45:15.68	HZ
	e Sg	12:45:22.62	HN
PARRA	e Pg	12:45:17.83	HZ
	e Sg	12:45:27.41	HN
EVO	e P	12:45:19.04	HZ
	e S	12:45:29.57	HN
PSARD	e S	12:45:37.11	HN
PESTR	e S	12:45:38.26	HN
PMRV	e S	12:45:46.99	HE

19-Jan	Ho	15:08:21.9	ML 0.5
	Lat	38.734°N	Lon 07.902°W
	Prof	13	
	Região:	E Arraiolos	Rms 0.3
	AxMax	2.1	AxMin 1.4
	Ang	85	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PARRA	e Pg	d 15:08:25.31	HZ
	e Sg	15:08:28.11	HE
	IAML	15:08:28.17	HZ 0.004 0.1
EVO	e Pg	15:08:26.33	HZ
	e Sg	15:08:29.76	HN
	IAML	15:08:30.04	HZ 0.010 0.8
PESTR	e Pg	15:08:27.30	HZ
	e Sg	15:08:31.47	HN
	IAML	15:08:31.82	HZ 0.001 0.1
MOE	e Pg	15:08:29.27	HZ
	e Sg	15:08:34.84	HN
PMTG	e Pg	15:08:29.75	HZ
	e Sg	15:08:35.65	HN
PLOUS	e P	15:08:36.80	HZ
	e S	15:08:48.04	HE
GRNL	e P	15:08:36.75	CZ
	e S	15:08:47.87	CE
PBAR	e P	15:08:37.29	HZ
	e S	15:08:49.89	HN
PSARD	e S	15:08:49.98	HN
	IAML	15:08:50.87	HZ 0.003 0.2
PVAQ	e S	15:09:02.56	H1

19-Jan	Ho	15:29:35.37	ML 0.5
	Lat	38.734°N	Lon 07.902°W
	Prof	13	
	Região:	E Arraiolos	Rms 0.3
	AxMax	2.1	AxMin 1.4
	Ang	85	ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur Co Amp Per</i>
PVAQ	e Pg	15:29:35.37	HZ
	e Sg	15:29:41.55	H2
PBDV	e Sg	15:29:44.67	HE
PBAR	e S	15:29:59.19	HE

19-Jan						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	15:39:21.18		HZ		
	e S	15:39:31.35		H1		
PBDV	e S	15:39:30.96		HE		
PBAR	e Sg	15:39:50.66		HE		

19-Jan	Ho	16:10:44.2			ML 1.4	
	Lat	36.968°N	Lon	05.336°W	Prof	11
	Região: SE Sevilha (ESP)				Rms	0.3
	AxMax	3.5	AxMin	2.1	Ang	75
					ErrZ	4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pn	16:11:14.00		HZ		
	e Sn	16:11:36.29		HE		
	IAML	16:11:48.38		HZ	0.002	0.4
PVAQ	e Pn	16:11:16.08		HZ		
	e Sn	16:11:39.07		H1		
PBDV	e Pn	16:11:18.30		HZ		
	e Sn	16:11:43.48		HN		
PCVE	e Pn	16:11:20.30		HZ		
MESJ	e Pn	16:11:23.14		HZ		
PLOUS	e Pn	16:11:26.24		HZ		
	e Sn	16:11:58.75		HE		
PFVI	e Pn	16:11:27.84		HZ		
GRNL	e Pn	16:11:28.08		CZ		
PARRA	e Pn	16:11:28.47		HZ		

19-Jan						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e P	17:53:55.59		BZ		
PMAR	e P	17:53:58.10		BZ		
PFVI	e P	17:55:00.19		BZ		
PARRA	e P	17:55:02.43		BZ		
PCVE	e P	17:55:03.00		BZ		
POLO	e P	17:55:04.98		BZ		
MTE	e P	17:55:05.51		BZ		
PMRV	e P	17:55:08.13		BZ		

19-Jan	Ho	19:30:25.2			ML 1.0	
	Lat	38.482°N	Lon	07.886°W	Prof	15
	Região: SE Evora				Rms	0.3
	AxMax	2.4	AxMin	2.2	Ang	90
					ErrZ	4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	19:30:28.66		HZ		
	e Sg	19:30:31.34		HN		
	IAML	19:30:31.48		HZ	0.037	0.3
PARRA	e Pg	19:30:31.99		HZ		
	e Sg	19:30:37.00		HE		
	IAML	19:30:37.37		HZ	0.008	0.1
MOE	e Pg	19:30:32.28		HZ		
	e Sg	19:30:37.25		HN		
	IAML	19:30:37.58		HZ	0.012	0.3
PESTR	e Pg	19:30:33.74		HZ		
	e Sg	19:30:39.62		HN		
	IAML	19:30:41.08		HZ	0.002	0.2
PLOUS	e Pg	19:30:36.65		HZ		
	e Sg	19:30:44.95		HN		
PMTG	e Pg	19:30:36.81		HZ		
	e Sg	19:30:45.27		HN		
	IAML	19:30:48.27		HZ	0.003	0.1
GRNL	e Pg	19:30:37.26		CZ		
	e Sg	19:30:45.86		CE		
MESJ	e Pg	19:30:37.40		HZ		
	e Sg	19:30:47.11		HN		
	IAML	19:30:47.90		HZ	0.002	0.1
PBAR	e P	19:30:38.77		HZ		
	e S	19:30:48.30		HE		
	IAML	19:30:50.02		HZ	0.003	0.2
PCVE	e P	19:30:41.08		HZ		
	e S	19:30:51.58		HE		
	IAML	19:30:52.39		HZ	0.004	0.4
PMRV	e P	19:30:43.68		HZ		
	e S	19:30:56.64		HE		
	IAML	19:30:59.56		HZ	0.003	0.9

PVAQ	e P	19:30:44.73		HZ		
	e S	19:30:58.55		H1		
	IAML	19:31:01.23		HZ	0.003	0.8
PSARD	e P	19:30:46.00		HZ		
	e S	19:31:00.35		HN		
	IAML	19:31:01.13		HZ	0.004	0.2
PBDV	e S	19:31:03.14		HE		

19-Jan	Ho	20:14:37.3			ML 2.4	
	Lat	34.538°N	Lon	15.808°W	Prof	18*
	Região: NE Porto Santo (Madeira)				Rms	0.4
	AxMax	7.3	AxMin	1.9	Ang	125
					ErrZ	0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMPST	e P	c 20:14:58.68		HZ		
	e S	20:15:14.79		HE		
	IAML	20:15:18.47		HZ	0.049	0.6
PMAR	e P	20:15:06.08		HZ		
	e S	20:15:27.65		H2		
	IAML	20:15:31.66		HZ	0.033	0.2
PFVI	e P	20:16:03.29		HZ		
	e S	20:17:04.66		HN		
PTEO	e S	20:17:12.64		HN		
GRNL	e P	20:16:11.89		CZ		
	e S	20:17:22.24		CN		
PLOUS	e P	20:16:12.82		HZ		
	e S	20:17:23.64		HE		
PBDV	e P	20:16:12.60		HZ		
	e S	20:17:22.87		HN		
PCVE	e S	20:17:24.64		HN		
PVAQ	e P	20:16:16.30		HZ		
	e S	20:17:28.03		H2		
EVO	e P	20:16:19.47		HZ		
PARRA	e P	20:16:20.56		HZ		
	e S	20:17:36.79		HN		
PMTG	e P	20:16:20.59		HZ		
	e S	20:17:40.28		HE		
PSARD	e P	20:16:26.36		HZ		
PBAR	e P	20:16:27.11		HZ		
	e S	20:17:47.36		HN		
PMRV	e P	20:16:31.10		HZ		
	e S	20:17:56.94		HE		

19-Jan	Ho	22:59:34.2			ML 1.0	
	Lat	37.175°N	Lon	08.585°W	Prof	22
	Região: NW Portimão				Rms	0.2
	AxMax	2.2	AxMin	1.4	Ang	151
					ErrZ	2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMONC	e Pg	22:59:38.45		HZ		
	e Sg	22:59:41.86		H1		
	IAML	22:59:42.63		HZ	0.019	0.1
MORF	e Pg	22:59:38.64		HZ		
	e Sg	22:59:41.86		HE		
	IAML	22:59:41.89		HZ	0.019	0.2
PFVI	e Pg	22:59:39.07		HZ		
	e Sg	22:59:42.64		HN		
	IAML	22:59:42.74		HZ	0.007	0.1
PTEO	e Pg	22:59:42.02		HZ		
	e Sg	22:59:47.66		HN		
PBDV	e Pg	22:59:44.25		HZ		
	e Sg	22:59:51.91		HE		
	IAML	22:59:52.60		HZ	0.003	0.2
PCVE	e P	22:59:46.09		HZ		
	e S	22:59:54.70		HN		
MESJ	e P	22:59:47.72		HZ		
	e S	22:59:57.47		HE		
	IAML	22:59:58.58		HZ	0.002	0.1
PVAQ	e P	22:59:47.49		HZ		
	e S	22:59:57.55		H2		
	IAML	22:59:58.61		HZ	0.004	0.1
PLOUS	e S	23:00:01.49		HE		
GRNL	e P	22:59:51.16		CZ		
	e S	23:00:02.90		CN		
PBAR	e Pn	22:59:58.82		HZ		
	e Sn	23:00:19.83		HN		

19-Jan	Ho	23:50:24.0			ML 0.9
	Lat	41.911°N	Lon	07.164°W	Prof 20
	Região: NW Vinhais			Rms 0.4	
	AxMax	3.5	AxMin	3.4	Ang 122
					ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e Pg	23:50:28.83		HZ	
	e Sg	23:50:33.47		HE	
	IAML	23:50:33.85		HZ	0.005 0.1
PCAB	e Pg	23:50:39.89		EZ	
	e Sg	23:50:48.71		EE	
	IAML	23:50:51.44		EZ	0.006 0.5
POLO	e Pg	23:50:38.14		HZ	
	e Sg	23:50:47.46		HE	
MVO	e S	23:50:48.00		HN	
	IAML	23:50:48.95		HZ	0.004 0.2
PVRL	e P	23:50:38.00		EZ	
	e S	23:50:48.47		EE	
	IAML	23:50:51.68		EZ	0.003 0.5
PGAV	e P	23:50:39.56		HZ	
	e S	23:50:50.22		HE	
	IAML	23:50:52.03		HZ	0.002 0.1
PVIS	e Sg	23:51:04.47		HE	

20-Jan	Ho	00:42:24.5			ML 0.3
	Lat	38.712°N	Lon	07.857°W	Prof 9
	Região: E Arraiolos			Rms 0.2	
	AxMax	2.0	AxMin	1.3	Ang 101
					ErrZ 7
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	00:42:27.99		HZ	
	e Sg	00:42:30.80		HN	
EVO	e Pg	00:42:28.58		HZ	
	e Sg	00:42:32.03		HN	
PESTR	e Sg	00:42:33.18		HN	
PMTG	e Pg	00:42:33.32		HZ	
	e Sg	00:42:39.21		HN	

20-Jan	Ho	01:36:56.7			ML 1.7
	Lat	36.595°N	Lon	09.719°W	Prof 36*
	Região: SW Cabo S.Vicente			Rms 0.5	
	AxMax	6.4	AxMin	4.3	Ang 84
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	e P	01:37:11.45		HZ	
	e S	01:37:22.64		HN	
MORF	e P	01:37:15.51		HZ	
	e S	01:37:28.00		HN	
	IAML	01:37:28.69		HZ	0.010 0.5
PTEO	e S	01:37:31.51		HN	
PBDV	e P	01:37:21.77		HZ	
	e S	01:37:39.40		HN	
PCVE	e P	01:37:23.22		HZ	
	e S	01:37:42.89		HN	
MESJ	e P	01:37:22.90		HZ	
	e S	01:37:43.29		HN	
GRNL	e P	01:37:23.32		CZ	
	e S	01:37:43.59		CN	
	IAML	01:37:45.07		CZ	0.004 0.7
PLOUS	e P	01:37:23.14		HZ	
	e S	01:37:43.35		HN	
PVAQ	e P	01:37:24.59		HZ	
	e S	01:37:44.57		H2	
	IAML	01:37:46.25		HZ	0.006 0.6
EVO	e P	01:37:31.18		HZ	
	e S	01:37:57.74		HN	
PMAFR	e S	01:37:58.48		HN	
PARRA	e P	01:37:34.82		HZ	
	e S	01:38:03.74		HN	
	IAML	01:38:04.37		HZ	0.008 0.8
PBAR	e S	01:38:05.86		HE	
	IAML	01:38:07.16		HZ	0.003 0.6
PMTG	e P	01:37:36.96		HZ	
	e S	01:38:06.98		HE	
	IAML	01:38:08.00		HZ	0.003 0.8
PESTR	e S	01:38:08.95		HN	
PSARD	e P	01:37:44.33		HZ	
	e S	01:38:19.80		HE	

20-Jan	Ho	03:09:59.8			ML 2.1
	Lat	35.318°N	Lon	04.458°W	Prof 38*
	Região: W Al Hoceima (MARR)			Rms 0.5	
	AxMax	3.5	AxMin	3.1	Ang 45
					ErrZ 0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PVAQ	e P	03:10:49.09		HZ	
	e S	03:11:25.93		H2	
	IAML	03:11:27.03		HZ	0.003 0.1
PBDV	e P	03:10:49.79		HZ	
	e S	03:11:27.59		HE	
PBAR	e P	03:10:52.12		HZ	
	e S	03:11:31.57		HN	
	IAML	03:11:33.45		HZ	0.002 0.6
PCVE	e P	03:10:53.81		HZ	
	e S	03:11:34.08		HN	
MESJ	e P	03:10:57.71		HZ	
	e S	03:11:40.45		HE	
PFVI	e P	03:10:58.03		HZ	
PTEO	e P	03:10:59.59		HZ	
PLOUS	e P	03:11:01.02		HZ	
	e S	03:11:46.30		HE	
EVO	e P	03:11:02.93		HZ	
	e S	03:11:49.80		HN	
GRNL	e P	03:11:02.66		CZ	
	e S	03:11:49.47		CE	
PESTR	e P	03:11:03.82		HZ	
	e S	03:11:50.82		HN	
PARRA	e P	03:11:05.63		HZ	
	e S	03:11:54.25		HN	
PMTG	e P	03:11:10.18		HZ	
PSARD	e P	03:11:15.23		HZ	
	e S	03:12:11.81		HN	

20-Jan	Ho	03:43:18.7			ML 0.0
	Lat	38.757°N	Lon	08.037°W	Prof 11
	Região: NW Arraiolos			Rms 0.4	
	AxMax	4.6	AxMin	3.2	Ang 81
					ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	03:43:20.68		HZ	
	e Sg	03:43:22.38		HE	
EVO	e Pg	03:43:22.43		HZ	
	e Sg	03:43:27.17		HE	
PMTG	e Pg	03:43:24.96		HZ	
	e Sg	03:43:30.51		HE	
PESTR	e Sg	03:43:30.83		HN	

20-Jan	Ho	04:15:02.06			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PVAQ	e P	04:15:02.06		HZ	
	e S	04:15:39.97		H2	
PCVE	e P	04:15:08.07		HZ	
PBAR	e S	04:15:43.39		HE	
PARRA	e S	04:16:05.22		HE	

20-Jan	Ho	05:14:16.7			ML 1.8
	Lat	36.986°N	Lon	05.356°W	Prof 5
	Região: SE Sevilha (ESP)			Rms 0.4	
	AxMax	1.6	AxMin	1.2	Ang 42
					ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBAR	e Pn	05:14:46.44		HZ	
	e Sn	05:15:09.16		HE	
	IAML	05:15:13.74		HZ	0.003 0.9
	e Sg	05:15:13.98		HN	
PVAQ	e Pn	05:14:48.58		HZ	
	e Sn	05:15:11.64		H1	
	e Sg	05:15:18.63		H2	
PBDV	e Pn	05:14:50.92		HZ	
	e Sn	05:15:16.98		HN	
PCVE	e Pn	05:14:52.81		HZ	
MESJ	e Pn	05:14:55.72		HZ	
PESTR	e Pn	05:14:57.74		HZ	
	e Sn	05:15:27.11		HN	
	IAML	05:15:38.76		HZ	0.002 0.6
	e Sg	05:15:39.29		HN	
EVO	e Pn	05:14:58.16		HZ	
PLOUS	e Pn	05:14:58.80		HZ	
	e Sn	05:15:30.90		HN	

PTEO	e Pn	05:15:00.09	HZ			
GRNL	e Pn	05:15:00.73	CZ			
	e Sn	05:15:34.28	CE			
	e Sg	05:15:44.64	CN			
PARRA	e Pn	05:15:00.31	HZ			
	e Pg	05:15:08.99	HZ			
	e Sn	05:15:33.77	HE			
	IAML	05:15:38.76	HZ	0.002	0.7	
	e Sg	05:15:43.86	HN			
MOE	e Pn	05:15:01.41	HZ			
PMRV	e Pn	05:15:03.37	HZ			
PMTG	e Pn	05:15:04.77	HZ			
PSARD	e Pn	05:15:09.85	HZ			
	e Sn	05:15:49.05	HN			

20-Jan						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	06:25:28.06		HZ		
	e Sg	06:25:29.82		HE		

20-Jan Ho 07:09:35.4 ML 1.5						
Lat 36.883°N Lon 09.225°W Prof 28						
Região: SW Cabo S.Vicente Rms 0.4						
AxMax 5.8 AxMin 4.6 Ang 96 ErrZ 3						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e Pg	07:09:43.67		HZ		
	e Sg	07:09:50.21		HE		
	IAML	07:09:51.39		HZ	0.009	0.1
MORF	e Pg	07:09:46.83		HZ		
	e Sg	07:09:55.50		HN		
	IAML	07:09:56.55		HZ	0.014	0.2
PMONC	e Pg	07:09:48.18		HZ		
	e Sg	07:09:57.40		H1		
	IAML	07:09:58.10		HZ	0.029	0.2
PTEO	e P	07:09:48.97		HZ		
	e S	07:09:59.27		HE		
PBDV	e P	07:09:53.22		HZ		
	e S	07:10:06.57		HE		
PCVE	e P	07:09:54.99		HZ		
	e S	07:10:10.08		HN		
MESJ	e P	07:09:55.49		HZ		
	e S	07:10:11.36		HE		
	IAML	07:10:12.61		HZ	0.005	0.3
PLOUS	e P	07:09:55.94		HZ		
	e S	07:10:11.73		HE		
PVAQ	e P	07:09:56.19		HZ		
	e S	07:10:11.76		H2		
GRNL	e P	07:09:56.58		CZ		
	e S	07:10:12.87		CN		
MOE	e S	07:10:24.29		HE		
EVO	e P	07:10:05.30		HZ		
	e S	07:10:25.88		HE		
PMAFR	e P	07:10:06.84		HZ		
PARRA	e P	07:10:07.33		HZ		
	e S	07:10:31.32		HN		
PBAR	e P	07:10:08.40		HZ		
	e S	07:10:32.56		HE		
PESTR	e S	07:10:37.72		HN		

20-Jan Ho 14:14:05.3 ML 2.3						
Lat 37.396°N Lon 14.173°W Prof 10*						
Região: Josephine Rms 0.3						
AxMax 12.7 AxMin 8.6 Ang 176 ErrZ 0						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e S	14:15:48.31		HN		
GRNL	e P	14:15:07.64		CZ		
	e S	14:15:54.24		CN		
	IAML	14:15:56.89		CZ	0.004	0.7
PLOUS	e S	14:15:57.96		HE		
MOE	e P	14:15:10.51		HZ		
	e S	14:15:59.27		HN		
PCVE	e P	14:15:13.34		HZ		
	e S	14:16:03.51		HE		
PMTG	e P	14:15:13.81		HZ		
	e S	14:16:05.42		HN		
PARRA	e P	14:15:14.40		HZ		
	e S	14:16:07.46		HN		
	IAML	14:16:11.01		HZ	0.002	0.7

PVAQ	e S	14:16:09.28	H2
PSARD	e S	14:16:12.76	HE
PBAR	e S	14:16:24.29	HN
PMRV	e S	14:16:25.67	HE

20-Jan Ho 15:01:00.9 ML 0.9						
Lat 38.724°N Lon 07.901°W Prof 15						
Região: E Arraiolos Rms 0.2						
AxMax 1.9 AxMin 1.1 Ang 103 ErrZ 4						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	i Pg	d 15:01:04.44		HZ		
	e Sg	15:01:07.18		HE		
	IAML	15:01:07.58		HZ	0.008	0.3
EVO	i Pg	c 15:01:05.45		HZ		
	e Sg	15:01:08.89		HE		
	IAML	15:01:09.01		HZ	0.031	0.3
PESTR	e Pg	15:01:06.44		HZ		
	e Sg	15:01:10.59		HN		
MOE	e Pg	15:01:08.45		HZ		
	e Sg	15:01:13.96		HN		
	IAML	15:01:14.36		HZ	0.007	0.2
PMTG	e Pg	15:01:08.87		HZ		
	e Sg	15:01:14.81		HN		
	IAML	15:01:17.73		HZ	0.003	0.6
PLOUS	e P	15:01:15.45		HZ		
	e S	15:01:26.34		HN		
GRNL	e P	15:01:15.96		CZ		
	e S	15:01:26.29		CE		
	IAML	15:01:27.87		CZ	0.005	0.8
PMRV	e P	15:01:15.58		HZ		
	e S	15:01:26.36		HE		
PBAR	e P	15:01:16.29		HZ		
	e S	15:01:28.58		HE		
	IAML	15:01:31.15		HZ	0.002	0.9
PSARD	e P	15:01:17.50		HZ		
	e S	15:01:29.33		HN		
	IAML	15:01:30.95		HZ	0.004	0.2

20-Jan Ho 15:05:43.5 ML 1.6						
Lat 36.565°N Lon 09.742°W Prof 17						
Região: SW Cabo S.Vicente Rms 0.4						
AxMax 7.8 AxMin 6.5 Ang 33 ErrZ 4						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	15:05:59.86		HZ		
	e S	15:06:12.32		HN		
MORF	e S	15:06:17.89		HE		
PBDV	e S	15:06:28.46		HN		
PCVE	e P	15:06:11.34		HZ		
	e S	15:06:32.89		HE		
	IAML	15:06:41.28		HZ	0.003	1.0
MESJ	e S	15:06:32.57		HN		
GRNL	e P	15:06:11.88		CZ		
	e S	15:06:33.94		CN		
	IAML	15:06:43.78		CZ	0.003	0.6
PLOUS	e S	15:06:33.47		HE		
	IAML	15:06:43.23		HZ	0.004	0.8
PVAQ	e S	15:06:34.63		H1		
PMAFR	e S	15:06:48.32		HN		
PARRA	e P	15:06:23.64		HZ		
	e S	15:06:52.54		HE		
	IAML	15:06:54.97		HZ	0.003	0.4
PBAR	e S	15:06:54.98		HN		
PMTG	e P	15:06:25.81		HZ		
	e S	15:06:57.21		HN		
	IAML	15:06:57.74		HZ	0.004	0.7
PESTR	e S	15:06:59.38		HN		
PSARD	e S	15:07:09.10		HN		
PMRV	e S	15:07:11.77		HN		

20-Jan Ho 16:17:26.0 Distante (NEIC) Mw 6.0						
Lat 23.170°N Lon 120.550°E Prof 16						
Região: Taiwan						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MVO	e PP	16:35:19.82		LZ		
	e LQ	17:07:17.68		LN		
	e LR	17:11:44.90		LZ		
	IAMs_20	17:18:27.64		LZ	5.165	18

20-Jan	Ho	21:29:46.2			ML 1.3
	Lat	36.712°N	Lon	07.441°W	Prof 21
	Região:	Golfo de Cádiz			Rms 0.4
	AxMax	3.4	AxMin	1.7	Ang 49
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e Pg	21:29:58.80		HZ	
	e Sg	21:30:07.46		HN	
	IAML	21:30:08.21		HZ	0.003 0.1
PVAQ	e P	21:29:59.73		HZ	
	e S	21:30:09.14		H2	
	IAML	21:30:10.26		HZ	0.009 0.7
PCVE	e P	21:30:04.26		HZ	
	e S	21:30:17.34		HN	
	IAML	21:30:18.43		HZ	0.002 0.1
MORF	e S	21:30:19.18		HE	
PTEO	e S	21:30:24.14		HN	
PBAR	e P	21:30:10.46		HZ	
	e S	21:30:28.52		HN	
	IAML	21:30:39.47		HZ	0.002 0.8
PLOUS	e P	21:30:11.17		HZ	
GRNL	e P	21:30:12.81		CZ	
	e S	21:30:32.49		CE	
	IAML	21:30:34.64		CZ	0.005 0.7
PARRA	e P	21:30:19.55		HZ	
	e S	21:30:44.31		HE	
PESTR	e P	21:30:19.37		HZ	
	e S	21:30:43.89		HN	
PMTG	e P	21:30:23.45		HZ	
PMRV	e P	21:30:27.12		HZ	
	e S	21:30:57.79		HE	
PSARD	e P	21:30:30.67		HZ	
	e S	21:31:03.58		HN	

20-Jan	Ho	22:18:21.1			ML 1.1
	Lat	36.688°N	Lon	07.427°W	Prof 19
	Região:	Golfo de Cádiz			Rms 0.4
	AxMax	7.4	AxMin	6.6	Ang 43
					ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBDV	e P	22:18:33.74		HZ	
	e S	22:18:43.18		HE	
PVAQ	e P	22:18:34.87		HZ	
	e S	22:18:44.99		H2	
	IAML	22:18:45.89		HZ	0.003 0.1
PCVE	e S	22:18:53.21		HE	
MESJ	e S	22:18:58.90		HN	
GRNL	e S	22:19:07.99		CN	
PARRA	e P	22:18:54.87		HZ	
	e S	22:19:20.50		HN	
PMTG	e P	22:18:58.62		HZ	
	e S	22:19:26.97		HE	
PMRV	e P	22:19:02.64		HZ	
	e S	22:19:34.25		HE	
PSARD	e S	22:19:39.97		HN	

20-Jan	Ho	23:36:09.7			ML 0.5
	Lat	38.726°N	Lon	07.899°W	Prof 16
	Região:	E Arraiolos			Rms 0.0
	AxMax	1.3	AxMin	1.3	Ang 112
					ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	23:36:13.37		HZ	
	e Sg	23:36:16.14		HE	
	IAML	23:36:16.19		HZ	0.006 0.5
EVO	e Pg	23:36:14.33		HZ	
	e Sg	23:36:17.86		HN	
PESTR	e Pg	23:36:15.38		HZ	
	e Sg	23:36:19.60		HN	

21-Jan	Ho	00:04:55.0			ML 0.5
	Lat	38.870°N	Lon	09.244°W	Prof 18
	Região:	NW Loures			Rms 0.3
	AxMax	4.3	AxMin	2.7	Ang 97
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMAFR	e Pg	00:04:58.02		HZ	
	e Sg	00:05:01.29		HN	
	IAML	00:05:01.74		HZ	0.011 0.2
AML05	e Sg	00:05:07.34		H2	
MOE	e S	00:05:19.86		HE	

PMTG	e P	00:05:09.60		HZ	
	e S	00:05:20.45		HE	
GRNL	e S	00:05:24.32		CE	
PARRA	e P	00:05:11.67		HZ	
	e S	00:05:24.66		HN	
EVO	e S	00:05:27.04		HE	
PLOUS	e S	00:05:27.31		HN	
PESTR	e S	00:05:35.11		HN	
PMRV	e Sg	00:05:43.13		HN	

21-Jan	Ho	01:39:48.8			ML 0.4
	Lat	38.476°N	Lon	08.040°W	Prof 9
	Região:	SW Evora			Rms 0.3
	AxMax	2.0	AxMin	1.9	Ang 97
					ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
EVO	e Pg	01:39:50.95		HZ	
	e Sg	01:39:52.36		HN	
	IAML	01:39:52.63		HZ	0.032 0.1
MOE	e Sg	01:39:57.11		HE	
	IAML	01:39:58.22		HZ	0.003 0.8
PARRA	e Pg	01:39:55.12		HZ	
	e Sg	01:39:59.80		HE	
	IAML	01:39:59.98		HZ	0.002 0.3
PESTR	e Pg	01:39:58.59		HZ	
	e Sg	01:40:05.24		HN	
PLOUS	e Pg	01:39:58.83		HZ	
	e Sg	01:40:06.24		HE	
GRNL	e Pg	01:39:59.16		CZ	
	e Sg	01:40:08.00		CN	
PMTG	e Pg	01:39:59.88		HZ	
	e Sg	01:40:08.42		HE	
MESJ	e Sg	01:40:09.59		HN	
PBAR	e S	01:40:15.34		HN	
PMRV	e P	01:40:08.54		HZ	
	e S	01:40:22.66		HE	
PTEO	e S	01:40:22.25		HE	
PVAQ	e S	01:40:23.68		H2	
PSARD	e P	01:40:10.02		HZ	
	e S	01:40:23.93		HN	

21-Jan	Ho	02:15:12.71			
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PARRA	e Pg	02:15:12.71		HZ	
	e Sg	02:15:14.45		HE	
EVO	e Sg	02:15:19.31		HN	
PESTR	e Sg	02:15:19.44		HN	

21-Jan	Ho	06:01:31.6			ML 2.4
	Lat	40.003°N	Lon	02.072°W	Prof 12
	Região:	SE Cuenca (ESP)			Rms 0.5
	AxMax	1.4	AxMin	1.1	Ang 107
					ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PBRG	e Sg	06:03:34.64		HN	
	IAML	06:03:41.57		HZ	0.004 0.7
PMRV	e Pn	06:02:32.71		HZ	
	e Sn	06:03:19.40		HN	
	e Sg	06:03:38.67		HN	
	IAML	06:03:47.03		HZ	0.005 0.8
PCBR	e Sn	06:03:20.85		EE	
PBAR	e Pn	06:02:34.91		HZ	
	e Sn	06:03:23.26		HE	
	e Sg	06:03:44.02		HE	
	IAML	06:03:53.78		HZ	0.007 0.4
PESTR	e Pn	06:02:36.86		HZ	
	e Sn	06:03:27.34		HE	
	e Sg	06:03:48.34		HE	
	IAML	06:03:53.91		HZ	0.006 0.4
PVIS	e Pn	06:02:38.41		HZ	
PSARD	e Pn	06:02:40.89		HZ	
	e Sn	06:03:34.46		HE	
	e Sg	06:03:59.44		HE	
	IAML	06:04:07.64		HZ	0.004 0.2
PARRA	e Pn	06:02:41.40		HZ	
	e Sn	06:03:35.28		HE	
	e Sg	06:04:00.83		HN	
	IAML	06:04:07.77		HZ	0.003 0.5

PESTR	e P	20:44:18.30	BZ				
	I Amb	20:44:19.76	BZ	0.066	1.1		
PGAV	e P	20:44:19.41	BZ				
	I Amb	20:44:25.52	BZ	0.120	1.8		
	e LR	20:55:11.12	LZ				
	I AMs_20	21:00:08.91	LZ	0.287	1.6		
PSARD	e P	20:44:22.70	BZ				
	I Amb	20:44:26.07	BZ	0.071	1.6		
PARRA	e P	20:44:21.94	BZ				
	I Amb	20:44:23.43	BZ	0.068	2.0		
COI	e P	20:44:23.59	BZ				
	I Amb	20:44:26.21	BZ	0.145	1.6		
PTO	e P	20:44:23.09	SZ				
	I Amb	20:44:26.34	SZ	0.107	1.4		
EVO	e P	20:44:21.49	BZ				
	I Amb	20:44:26.15	BZ	0.186	1.7		
PMTG	e P	20:44:22.31	BZ				
	I Amb	20:44:29.16	BZ	0.072	1.6		
PVAQ	e P	20:44:23.12	BZ				
	I Amb	20:44:25.19	BZ	0.168	1.4		
PCAS	e P	20:44:23.61	BZ				
	I Amb	20:44:27.05	BZ	0.102	1.4		
PCVE	e P	20:44:24.65	BZ				
	I Amb	20:44:27.79	BZ	0.115	1.4		
PBDV	e P	20:44:25.18	BZ				
	I Amb	20:44:26.29	BZ	0.306	1.3		
MOE	e P	20:44:25.82	BZ				
MESJ	e P	20:44:25.63	BZ				
PLOUS	e P	20:44:25.52	BZ				
GRNL	e P	20:44:28.05	BZ				
PMAR	e P	20:45:53.41	BZ				

21-Jan Ho 21:44:48.0 Distante (NEIC) Mw 5.1
Lat 09.130°N Lon 40.060°E Prof 10
Região: Ethiopia

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	21:53:54.27		BZ		
PMRV	e P	21:54:00.71		BZ		
MVO	e P	21:54:01.79		BZ		
PVRL	e P	21:54:07.60		SZ		
POLO	e P	21:54:09.44		BZ		

21-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MOE	e Pg	22:52:58.21		HZ		
	e Sg	22:52:59.40		HN		
	IAML	22:52:59.63		HZ	0.010	0.6

21-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Pg	22:53:07.95		HZ		
	e Sg	22:53:09.83		HN		
PARRA	e Pg	22:53:10.94		HZ		
	e Sg	22:53:14.96		HE		

22-Jan Ho 00:05:46.6 ML 2.0
Lat 35.091°N Lon 04.464°W Prof 61
Região: SW Al Hoceima (MARR) Rms 0.5
AxMax 2.8 AxMin 2.5 Ang 86 ErrZ 15

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	00:06:38.55		HZ		
	e S	00:07:16.42		H2		
PBDV	e P	00:06:39.02		HZ		
	e S	00:07:17.82		HN		
PBAR	e P	00:06:42.28		HZ		
	e S	00:07:21.79		HN		
PCVE	e P	00:06:43.47		HZ		
	e S	00:07:25.29		HE		
MESJ	e P	00:06:46.93		HZ		
	e S	00:07:30.93		HE		
PTEO	e P	00:06:48.91		HZ		
PLOUS	e P	00:06:50.41		HZ		
EVO	e P	00:06:52.44		HZ		
GRNL	e P	00:06:52.20		CZ		
	e S	00:07:40.74		CN		

PESTR	e P	00:06:52.85	HZ				
PARRA	e P	00:06:55.13	HZ				
	e S	00:07:45.12	HE				
PMRV	e P	00:06:58.23	HZ				

22-Jan Ho 02:00:07.3 ML 0.6
Lat 38.723°N Lon 07.895°W Prof 14
Região: E Arraiolos Rms 0.2
AxMax 1.6 AxMin 1.1 Ang 103 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	i Pg	02:00:10.77		HZ		
	e Sg	02:00:13.55		HE		
	IAML	02:00:13.67		HZ	0.002	0.1
EVO	e Pg	02:00:11.77		HZ		
	e Sg	02:00:15.22		HE		
	IAML	02:00:15.35		HZ	0.017	0.1
PESTR	e Pg	02:00:12.72		HZ		
	e Sg	02:00:16.94		HE		
MOE	e Pg	02:00:14.86		HZ		
	e Sg	02:00:20.27		HN		
PMTG	e Sg	02:00:21.37		HE		
PLOUS	e P	02:00:22.08		HZ		
	e S	02:00:32.78		HN		
PMRV	e P	02:00:22.16		HZ		
	e S	02:00:32.38		HE		
GRNL	e P	02:00:22.29		CZ		
PBAR	e P	02:00:22.73		HZ		
	e S	02:00:34.75		HE		
PSARD	e P	02:00:23.81		HZ		
	e S	02:00:35.76		HN		

22-Jan Ho 04:08:24.2 ML 3.1
Lat 37.688°N Lon 04.125°W Prof 23
Região: SE Cordova (ESP) Rms 0.5
AxMax 0.8 AxMin 0.8 Ang 49 ErrZ 1

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	04:08:59.99		HZ		
	e Pg	04:09:06.34		HZ		
	e Sn	04:09:28.65		HE		
	e Sg	04:09:36.54		HE		
	IAML	04:09:46.56		HZ	0.065	0.4
PVAQ	e Pn	04:09:06.86		HZ		
	e Sn	04:09:39.67		H2		
	e Sg	04:09:51.97		H2		
	IAML	04:09:56.40		HZ	0.086	0.4
PESTR	e Pn	04:09:08.39		HZ		
	e Pg	04:09:17.09		HZ		
	e Sn	04:09:42.96		HE		
	e Sg	04:09:55.77		HE		
	IAML	04:10:02.51		HZ	0.047	0.4
PBDV	e Pn	04:09:11.13		HZ		
	e Pg	04:09:18.50		HZ		
	e Sn	04:09:44.80		HN		
	e Sg	04:09:59.05		HN		
	IAML	04:10:04.17		HZ	0.055	0.4
PMRV	e Pn	04:09:10.61		HZ		
	e Pg	04:09:19.17		HZ		
	e Sn	04:09:46.32		HN		
	e Sg	04:09:59.59		HE		
	IAML	04:10:06.09		HZ	0.052	0.5
PCVE	e Pn	04:09:10.60		HZ		
	e Pg	04:09:18.69		HZ		
	e Sg	04:09:59.12		HE		
	IAML	04:10:03.75		HZ	0.045	0.4
EVO	e Pn	04:09:12.59		HZ		
	e Pg	04:09:22.27		HZ		
	e Sn	04:09:48.29		HN		
	e Sg	04:10:02.35		HE		
MESJ	e Pn	04:09:12.23		HZ		
	e Sn	04:09:47.47		HE		
	e Sg	04:10:03.70		HN		
	IAML	04:10:10.80		HZ	0.034	0.5
PARRA	e Pn	04:09:14.16		HZ		
	e Pg	04:09:23.31		HZ		
	e Sg	04:10:05.24		HE		
	IAML	04:10:10.47		HZ	0.034	0.4

PLOUS	e Pn	04:09:14.72	HZ	0.031 0.4	22-Jan	Ho 05:35:08.2					ML 2.6	
	e Sn	04:09:53.46	HE			Lat 37.488°N		Lon 03.580°W		Prof 12		
	e Sg	04:10:06.71	HE			Região: N Granada (ESP)		Rms 0.5				
	IAML	04:10:12.33	HZ			AxMax 1.2	AxMin 1.0	Ang 79	ErrZ 2			
MOE	e Pn	04:09:15.81	HZ	0.047 0.4	Est	Fase	P h:m:s	Dur	Co	Amp	Per	
	e Sn	04:09:53.93	HN		PBAR	e Pn	05:35:51.34	HZ				
	e Sg	04:10:09.40	HE			e Pg	05:35:59.00	HZ				
	IAML	04:10:18.14	HZ			e Sn	05:36:24.05	HN				
PMTG	e Pn	04:09:16.86	HZ	0.040 0.5	PVAQ					0.015 0.2		
	e Pg	04:09:27.43	HZ			IAML	05:36:38.25	HZ				
	e Sn	04:09:55.35	HN			e Pn	05:35:58.11	HZ				
	e Sg	04:10:13.20	HN			e Sn	05:36:35.58	H2				
PMONC	IAML	04:10:19.85	HZ			e Sg	05:36:49.51	H1		0.010 0.1		
	e Sn	04:09:56.63	H1		IAML	05:36:54.49	HZ					
	e Sg	04:10:14.66	H1	PESTR	e Pn	05:36:01.00	HZ					
	e Pn	04:09:16.99	CZ		e Pg	05:36:10.06	HZ					
GRNL	e Sn	04:09:56.73	CE	0.043 0.6	PBDV					0.011 0.5		
	e Sg	04:10:12.60	CE				e Sn	05:36:39.26	HE			
	IAML	04:10:17.65	CN				e Sg	05:36:54.34	HE			
	e Pn	04:09:19.72	HZ				IAML	05:37:02.24	HZ			
PTEO	e Sn	04:10:00.03	HE	0.052 0.5	PCVE					0.011 0.4		
	e Sg	04:10:17.77	HN				e Pn	05:36:00.91	HZ			
	IAML	04:10:21.72	HZ				e Sn	05:36:41.17	HE			
	e Pn	04:09:19.34	HZ				e Sg	05:36:55.21	HE			
PSARD	e Sn	04:09:59.18	HE	0.067 0.5	PMRV					0.027 0.1		
	e Sg	04:10:17.26	HN				e Pn	05:36:12.26	HZ			
	IAML	04:10:23.67	HZ				e Sn	05:36:42.02	HN			
	e Pn	04:09:19.85	HZ				e Sg	05:36:57.39	HE			
PFVI	e Sn	04:10:01.78	HN	0.027 0.6	EVO					0.027 0.1		
	e Sg	04:10:22.47	HE				e Pn	05:36:02.65	HZ			
	IAML	04:10:38.13	HZ				e Sg	05:36:58.01	HN			
	e Pn	04:09:19.85	HZ				IAML	05:37:03.64	HZ			
MTE	e Sg	04:10:22.47	HE	0.036 0.4	MESJ					0.009 0.3		
	IAML	04:10:38.13	HZ				e Pn	05:36:03.38	HZ			
	e Pg	04:09:33.56	HZ				e Sn	05:36:44.96	HN			
	e Sg	04:10:21.24	HE				e Sg	05:37:02.03	HN			
MVO	IAML	04:10:27.48	HZ	0.032 0.5	PARRA					0.006 0.2		
	e Pn	04:09:25.76	HZ				e Pn	05:36:03.49	HZ			
	e Sn	04:10:10.47	HN				e Sg	05:37:01.67	HE			
	e Sg	04:10:34.46	HN				e Pn	05:36:05.16	HZ			
PCAS	IAML	04:10:43.17	HZ	0.032 0.6	PCBR					0.006 0.2		
	e Pn	04:09:25.45	HZ				e Sn	05:36:47.76	HE			
	e Pg	04:09:40.97	HZ				e Sg	05:37:03.60	HE			
	e Sn	04:10:11.48	HN				IAML	05:37:07.90	HZ			
COI	e Sg	04:10:31.82	HN	0.036 0.4	PLOUS					0.014 0.4		
	IAML	04:10:55.95	HZ				e Sg	05:37:07.70	EE			
	e Pn	04:10:12.12	HE				e Pn	05:36:06.12	HZ			
	e Sg	04:10:33.63	HE				e Sn	05:36:49.52	HE			
PVIS	IAML	04:10:41.63	HZ	0.022 0.7	MOE					0.024 1.0		
	e Pn	04:09:26.98	HZ				IAML	05:36:50.31	HZ			
	e Sn	04:10:12.22	HN				e Sg	05:37:07.78	HE			
	e Sg	04:10:35.15	HE				e Sn	05:36:50.80	HE			
PMAFR	e Pn	04:09:27.51	HZ	0.025 0.6	PMTG					0.062 0.2		
	e Sn	04:10:14.47	HN				e Pn	05:37:12.43	HZ			

MOE	e Pg	07:26:47.08	HZ						
	e Sg	07:26:52.58	HE						
	IAML	07:26:53.20	HZ	0.080	0.3				
PESTR	e Pg	d 07:26:48.04	HZ						
	e Sg	07:26:53.93	HE						
	IAML	07:26:54.41	HZ	0.014	0.1				
PLOUS	e Pg	07:26:51.19	HZ						
	e Sg	07:26:59.24	HE						
PMTG	e Pg	07:26:51.59	HZ						
	e Sg	07:27:00.54	HN						
	IAML	07:27:04.24	HZ	0.017	0.1				
GRNL	e P	07:26:52.11	CZ						
	e S	07:27:01.68	CN						
	IAML	07:27:03.39	CZ	0.011	0.3				
MESJ	e P	07:26:52.19	HZ						
	e S	07:27:01.08	HE						
	IAML	07:27:03.98	HZ	0.016	0.2				
PBAR	e P	07:26:52.37	HZ						
	e S	07:27:01.89	HE						
	IAML	07:27:03.00	HZ	0.017	0.3				
PCVE	e P	07:26:55.65	HZ						
	e S	07:27:06.41	HN						
	IAML	07:27:08.34	HZ	0.011	0.1				
PMRV	e P	07:26:58.51	HZ						
	e S	07:27:11.65	HE						
	IAML	07:27:13.11	HZ	0.032	0.3				
PVAQ	e P	07:26:59.58	HZ						
	e S	07:27:13.08	H1						
	IAML	07:27:15.09	HZ	0.012	0.1				
PTEO	e P	07:27:01.02	HZ						
	e S	07:27:15.89	HN						
PSARD	e P	07:27:00.85	HZ						
	e S	07:27:15.90	HN						
	IAML	07:27:18.15	HZ	0.026	0.2				
PBDV	e P	07:27:02.20	HZ						
	e S	07:27:17.42	HE						
PMAFR	e P	07:27:01.50	HZ						
	e S	07:27:19.00	HE						
PCBR	e Sn	07:27:22.50	EE						
PFVI	e Sn	07:27:26.81	HN						
PCAS	e Pn	07:27:08.46	HZ						
	e Sn	07:27:30.83	HN						
	IAML	07:27:36.00	HZ	0.007	0.6				

22-Jan	Ho	07:31:42.8							ML 0.9
	Lat	38.487°N	Lon	07.845°W					Prof 10
	Região:	SE Evora							Rms 0.3
	AxMax	1.8	AxMin	1.8	Ang	87			ErrZ 4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>					
EVO	e Pg	07:31:45.87		HZ					
	e Sg	07:31:48.38		HN					
	IAML	07:31:48.47		HZ	0.052	0.1			
PARRA	e Pg	07:31:49.57		HZ					
	e Sg	07:31:54.78		HE					
	IAML	07:31:54.99		HZ	0.003	0.2			
MOE	e Pg	07:31:50.06		HZ					
	e Sg	07:31:55.41		HN					
PESTR	e Pg	07:31:51.11		HZ					
	e Sg	07:31:56.85		HE					
PLOUS	e Pg	07:31:54.58		HZ					
	e Sg	07:32:03.55		HE					
PMTG	e Pg	07:31:55.04		HZ					
	e Sg	07:32:03.67		HN					
GRNL	e P	07:31:55.56		CZ					
	e S	07:32:05.17		CE					
PBAR	e P	07:31:55.97		HZ					
	e S	07:32:05.08		HN					
MESJ	e S	07:32:05.87		HN					
PCVE	e P	07:31:59.08		HZ					
	e S	07:32:09.77		HE					
PMRV	e S	07:32:14.48		HE					
PVAQ	e P	07:32:01.88		HZ					
	e S	07:32:16.37		H2					
PSARD	e S	07:32:18.11		HN					

22-Jan	Ho	07:41:09.2							ML 0.8
	Lat	38.725°N	Lon	07.904°W					Prof 17
	Região:	E Arraiolos							Rms 0.1
	AxMax	1.5	AxMin	1.0	Ang	114			ErrZ 3
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>					
PARRA	e Pg	07:41:12.98		HZ					
	e Sg	07:41:15.82		HN					
EVO	e Pg	07:41:13.99		HZ					
	e Sg	07:41:17.47		HN					
	IAML	07:41:17.58		HZ	0.014	0.1			
PESTR	e Pg	07:41:14.99		HZ					
	e Sg	07:41:19.23		HN					
MOE	e Pg	07:41:17.07		HZ					
	e Sg	07:41:22.46		HN					
PMTG	e Pg	07:41:17.40		HZ					
	e Sg	07:41:23.34		HN					

22-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PGAV	e Sg	12:52:10.01		HN		
	POLO	e Sn	12:52:13.34		HN		
		e Sg	12:52:19.86		HN		
	PCAB	e Sg	12:52:16.15		EE		
	MVO	e Sg	12:52:19.48		HE		

22-Jan	Ho	15:44:00.0							ML 0.2
	Lat	38.729°N	Lon	07.900°W					Prof 17
	Região:	E Arraiolos							Rms 0.0
	AxMax	1.5	AxMin	1.4	Ang	136			ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>					
PARRA	e Pg	15:44:03.82		HZ					
	e Sg	15:44:06.60		HE					
	IAML	15:44:06.73		HZ	0.001	0.1			
PESTR	e Pg	15:44:05.76		HZ					
	e Sg	15:44:10.03		HN					
MOE	e Pg	15:44:07.84		HZ					
PMRV	e S	15:44:25.51		HN					

22-Jan	Est	Fase	P h:m:s	Dur	Co	Amp	Per
	PARRA	e Pg	c 16:03:34.30		HZ		
		e Sg	16:03:37.06		HE		
	PMTG	e Pg	16:03:38.91		HZ		
		e Sg	16:03:44.84		HN		
	PESTR	e Sg	16:03:40.51		HN		

22-Jan	Ho	16:08:30.4							ML 2.3
	Lat	35.472°N	Lon	03.601°W					Prof 16
	Região:	NE Al Hoceima (MARR)							Rms 0.5
	AxMax	2.9	AxMin	2.8	Ang	124			ErrZ 6
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>					
PVAQ	e P	16:09:27.54		HZ					
	e S	16:10:09.84		H2					
PBAR	e P	16:09:27.97		HZ					
	e S	16:10:11.64		HE					
PBDV	e P	16:09:28.73		HZ					
	e S	16:10:11.89		HE					
PCVE	e P	16:09:32.46		HZ					
	e S	16:10:17.09		HE					
MESJ	e P	16:09:36.04		HZ					
	e S	16:10:24.68		HN					
PTEO	e P	16:09:39.82		HZ					
	e S	16:10:29.79		HE					
PLOUS	e P	16:09:39.44		HZ					
	e S	16:10:29.12		HE					
PESTR	e S	16:10:30.86		HN					
GRNL	e P	16:09:41.14		CZ					
	e S	16:10:33.36		CE					
PARRA	e P	16:09:42.37		HZ					
	e S	16:10:35.33		HE					
MOE	e P	16:09:42.89		HZ					
	e S	16:10:36.93		HN					
PMRV	e P	16:09:44.15		HZ					
PMTG	e P	16:09:46.48		HZ					
PSARD	e P	16:09:50.96		HZ					

22-Jan Ho 17:39:45.6 ML 1.8 Lat 36.597°N Lon 09.784°W Prof 16 Região: SW Cabo S.Vicente Rms 0.4 AxMax 5.2 AxMin 5.2 Ang 149 ErrZ 4										22-Jan Ho 19:47:51.0 ML 2.0 Lat 36.643°N Lon 09.733°W Prof 24 Região: SW Cabo S.Vicente Rms 0.3 AxMax 3.7 AxMin 2.7 Ang 64 ErrZ 5									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>				<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	17:40:02.18		HZ						PFVI	i P	c 19:48:06.24		HZ					
	e S	17:40:14.68		HN							e S	19:48:17.56		HN					
PMONC	e S	17:40:22.31		H1						PMONC	i P	d 19:48:10.35		HZ					
	IAML	17:40:22.75		HZ	0.020	0.1					e S	19:48:24.65		H1					
PTEO	e S	17:40:23.61		HN							IAML	19:48:26.58		HZ	0.029	0.2			
PBDV	e P	17:40:11.63		HZ						PTEO	e P	19:48:10.84		HZ					
	e S	17:40:31.50		HE							e S	19:48:25.93		HN					
PCVE	e P	17:40:13.52		HZ						PBDV	i P	c 19:48:15.91		HZ					
	e S	17:40:35.44		HN							e S	19:48:34.27		HN					
MESJ	e P	17:40:13.33		HZ						PCVE	e P	19:48:17.50		HZ					
	e S	17:40:35.19		HE							e S	19:48:37.40		HE					
GRNL	e P	17:40:14.53		CZ							IAML	19:48:38.49		HZ	0.006	0.3			
	e S	17:40:36.06		CE						MESJ	e P	19:48:17.59		HZ					
PLOUS	e P	17:40:14.39		HZ							e S	19:48:37.55		HE					
	e S	17:40:35.26		HE						GRNL	e P	19:48:17.93		CZ					
PVAQ	e P	17:40:14.62		HZ							e S	19:48:38.22		CE					
	e S	17:40:36.40		H2							IAML	19:48:40.70		CZ	0.008	0.1			
MOE	e P	17:40:20.33		HZ						PLOUS	i P	c 19:48:17.74		HZ					
	e S	17:40:46.80		HE							e S	19:48:37.81		HN					
	IAML	17:40:48.50		HZ	0.004	0.3					IAML	19:48:41.33		HZ	0.006	0.3			
PMAFR	e S	17:40:50.33		HN						PVAQ	i P	c 19:48:18.84		HZ					
EVO	e S	17:40:49.51		HE							e S	19:48:39.60		H1					
PARRA	e P	17:40:25.74		HZ						MOE	e P	19:48:24.15		HZ					
	e S	17:40:55.25		HE							e S	19:48:49.61		HN					
PBAR	e P	17:40:26.23		HZ							IAML	19:48:50.58		HZ	0.006	0.5			
	e S	17:40:57.71		HN						EVO	i P	c 19:48:25.84		HZ					
PMTG	e P	17:40:27.59		HZ							e S	19:48:51.90		HE					
	e S	17:40:58.56		HE							IAML	19:48:53.54		HZ	0.028	0.2			
PESTR	e S	17:41:00.95		HE						PMAFR	e P	19:48:26.03		HZ					
PSARD	e P	17:40:34.31		HZ							e S	19:48:52.72		HE					
	e S	17:41:09.73		HE							IAML	19:48:54.92		HZ	0.020	0.5			
	IAML	17:41:12.42		HZ	0.005	0.4													
PMRV	e P	17:40:36.54		HZ															
	e S	17:41:13.49		HN															

PARRA	e P	19:48:28.79	HZ		
	e S	19:48:57.95	HN		
	IAML	19:48:59.66	HZ	0.004	0.2
PBAR	e P	19:48:30.46	HZ		
	e S	19:49:00.34	HE		
PMTG	e P	19:48:31.26	HZ		
	e S	19:49:01.42	HE		
PESTR	e P	19:48:32.00	HZ		
	e S	19:49:03.73	HN		
PSARD	e P	19:48:38.16	HZ		
	e S	19:49:12.99	HN		
	IAML	19:49:17.21	HZ	0.006	0.2
PMRV	e P	19:48:39.79	HZ		
	e S	19:49:16.20	HN		
	IAML	19:49:17.33	HZ	0.003	0.3
PCAS	e S	19:49:22.06	HN		
MTE	e P	19:48:50.84	HZ		
	e S	19:49:37.31	HN		
PVIS	e S	19:49:40.04	HN		
POLO	e P	19:49:03.32	HZ		
	e S	19:49:55.29	HE		
MVO	e P	19:49:02.28	HZ		
	e S	19:49:55.51	HN		
PGAV	e S	19:50:06.55	HE		

22-Jan Ho 21:06:26.9 ML 1.6
Lat 37.949°N Lon 09.523°W Prof 18
Região: W Sines Rms 0.5
AxMax 4.9 AxMin 2.2 Ang 85 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PTEO	e P	21:06:40.67		HZ		
	e S	21:06:50.24		HE		
GRNL	e P	21:06:41.23		CZ		
	e S	21:06:51.09		CN		
	IAML	21:06:54.87		CZ	0.009	0.1
PLOUS	e P	21:06:43.18		HZ		
	e S	21:06:53.89		HN		
	IAML	21:06:55.57		HZ	0.009	0.5
PFVI	e P	21:06:43.77		HZ		
	e S	21:06:56.68		HN		
PMAFR	e P	21:06:44.97		HZ		
	e S	21:06:57.89		HN		
MESJ	e P	21:06:45.23		HZ		
	e S	21:06:58.51		HN		
	IAML	21:06:59.63		HZ	0.008	0.4
MOE	e P	21:06:45.66		HZ		
	e S	21:07:00.62		HE		
PCVE	e P	21:06:47.74		HZ		
	e S	21:07:03.75		HE		
EVO	e S	21:07:05.42		HN		
	IAML	21:07:09.34		HZ	0.015	0.1
PARRA	e P	21:06:50.64		HZ		
	e S	21:07:08.18		HE		
PBDV	e P	21:06:50.37		HZ		
	e S	21:07:08.50		HE		
PMTG	e P	21:06:52.06		HZ		
	e S	21:07:10.24		HE		
PVAQ	e P	21:06:52.01		HZ		
	e S	21:07:10.55		H1		
PESTR	e P	21:06:56.40		HZ		
	e S	21:07:16.76		HN		
PSARD	e P	21:06:57.76		HZ		
	e S	21:07:20.01		HE		
PBAR	e P	21:06:59.43		HZ		
	e S	21:07:21.47		HE		
PMRV	e P	21:07:01.46		HZ		
	e S	21:07:26.26		HN		
PCAS	e P	21:07:02.95		HZ		
	e S	21:07:27.99		HE		

22-Jan Ho 23:29:09.1 ML 2.4
Lat 43.459°N Lon 00.605°W Prof 7*
Região: Pyrenees Rms 0.4
AxMax 1.0 AxMin 0.8 Ang 17 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MVO	e Pn	23:30:27.79		HZ		
	e Sn	23:31:25.67		HN		

PMRV	e Pn	23:30:43.95	HZ		
	e Sn	23:31:53.87	HE		
PSARD	e Pn	23:30:49.58	HZ		
PESTR	e Pn	23:30:50.68	HZ		
	e Sn	23:32:05.88	HN		
PBAR	e Sn	23:32:13.06	HN		
PMTG	e Sn	23:32:11.75	HE		
PARRA	e Pn	23:30:54.74	HZ		
EVO	e Pn	23:30:57.81	HZ		

23-Jan Ho 01:56:08.0 ML 0.9
Lat 38.725°N Lon 07.890°W Prof 11
Região: E Arraiolos Rms 0.3
AxMax 2.4 AxMin 1.5 Ang 100 ErrZ 5

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	i Pg	d 01:56:11.45		HZ		
	e Sg	01:56:14.23		HE		
	IAML	01:56:14.57		HZ	0.007	0.3
EVO	i Pg	c 01:56:12.46		HZ		
	e Sg	01:56:15.90		HN		
	IAML	01:56:16.05		HZ	0.029	0.2
PESTR	e Pg	01:56:13.44		HZ		
	e Sg	01:56:17.60		HN		
	IAML	01:56:17.95		HZ	0.003	0.4
MOE	e Pg	01:56:15.43		HZ		
	e Sg	01:56:20.92		HN		
	IAML	01:56:21.36		HZ	0.006	0.2
PMTG	e Pg	01:56:15.85		HZ		
	e Sg	01:56:21.79		HN		
PMRV	e P	01:56:22.57		HZ		
	e S	01:56:33.01		HE		
PLOUS	e P	01:56:22.79		HZ		
	e S	01:56:33.10		HN		
GRNL	e P	01:56:22.89		CZ		
	e S	01:56:34.13		CN		
PBAR	e P	01:56:23.39		HZ		
	e S	01:56:36.93		HE		
PSARD	e S	01:56:36.37		HN		
MESJ	e P	01:56:24.82		HZ		
	e S	01:56:36.62		HN		
PCVE	e P	01:56:28.15		HZ		
	e S	01:56:41.57		HE		
PVAQ	e S	01:56:48.71		H2		
PTEO	e S	01:56:50.99		HN		
PBDV	e S	01:56:53.38		HN		

23-Jan Ho 02:22:13.2 ML 2.0
Lat 35.150°N Lon 05.786°W Prof 30
Região: SW Tetuan (MARR) Rms 0.3
AxMax 3.0 AxMin 2.4 Ang 75 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	02:22:53.82		HZ		
	e S	02:23:24.40		HN		
PVAQ	e P	02:22:54.40		HZ		
	e S	02:23:24.67		H1		
	IAML	02:23:25.11		HZ	0.006	1.0
PCVE	e S	02:23:33.08		HN		
	IAML	02:23:40.22		HZ	0.003	0.9
PBAR	e S	02:23:35.21		HE		
	IAML	02:23:42.50		HZ	0.002	0.8
MESJ	e P	02:23:02.41		HZ		
	e S	02:23:38.77		HE		
PTEO	e S	02:23:40.10		HE		
PLOUS	e P	02:23:05.88		HZ		
	e S	02:23:45.68		HN		
GRNL	e P	02:23:07.60		CZ		
	e S	02:23:48.56		CN		
EVO	e P	02:23:09.36		HZ		
	e S	02:23:51.66		HE		
	IAML	02:23:53.92		HZ	0.006	0.1
MOE	e P	02:23:11.01		HZ		
	e S	02:23:54.93		HE		
PESTR	e P	02:23:09.99		HZ		
	e S	02:23:55.35		HE		
PARRA	e P	02:23:13.12		HZ		
	e S	02:23:56.64		HN		
	IAML	02:24:00.97		HZ	0.002	0.8

PMTG	e P	02:23:17.50	HZ
	e S	02:24:04.81	HE
PMRV	e S	02:24:06.32	HN
PSARD	e P	02:23:23.69	HZ
	e S	02:24:15.86	HN

23-Jan Ho 05:22:54.0 Distante (NEIC) mb 5.0
Lat 09.030°N Lon 39.917°E Prof 173
Região: Ethiopia

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e LR	05:54:23.44		LZ		
PVAQ	e LQ	05:50:40.26		L2		
	e LR	05:54:54.56		LZ	0.269	18
	IAMs_20	05:55:44.22		LZ		
PMRV	e LR	05:54:08.26		LZ	0.191	18
	IAMs_20	05:56:15.90		LZ		
PARRA	e LR	05:55:04.13		LZ		
MVO	e LQ	05:51:04.89		LN		
	e LR	05:54:08.05		LZ	0.375	18
	IAMs_20	05:56:41.80		LZ		
MTE	e LQ	05:52:59.88		LE		
	e LR	05:55:39.80		LZ	0.227	16
	IAMs_20	05:56:35.48		LZ		
PGAV	e LR	05:55:08.02		LZ		
	IAMs_20	05:57:35.34		LZ	0.380	16

23-Jan Ho 10:32:13.1 ML 2.1
Lat 37.027°N Lon 05.437°W Prof 5
Região: SE Sevilha (ESP) Rms 0.4
AxMax 3.4 AxMin 3.2 Ang 94 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	10:32:42.03		HZ		
	e Sn	10:33:04.55		HE		
	IAML	10:33:13.11		HZ	0.010	0.5
PVAQ	e Pn	10:32:44.22		HZ		
	e Sn	10:33:07.26		H1		
	e Sg	10:33:15.61		H2		
PBDV	e Pn	10:32:46.48		HZ		
	e Sn	10:33:11.02		HE		
	IAML	10:33:28.03		HZ	0.007	0.4
PCVE	e Pn	10:32:48.40		HZ		
	e Sn	10:33:15.96		HN		
	e Sg	10:33:23.29		HE		
MESJ	e Pn	10:32:51.25		HZ		
	e Sn	10:33:20.82		HN		
PESTR	e Pn	10:32:53.12		HZ		
	e Sn	10:33:24.48		HE		
PLOUS	e Pn	10:32:54.40		HZ		
	e Sn	10:33:26.39		HN		
PTEO	e Pn	10:32:55.72		HZ		
GRNL	e Pn	10:32:56.23		CZ		
	e Sn	10:33:29.99		CE		
	IAML	10:33:30.64		CZ	0.006	0.3
PFVI	e Pn	10:32:55.89		HZ		
	e Sn	10:33:28.79		HN		
PARRA	e Pn	10:32:56.11		HZ		
	e Sn	10:33:29.23		HE		
MOE	e Pn	10:32:57.52		HZ		
	e Sn	10:33:30.70		HN		
PMRV	e Pn	10:32:57.68		HZ		
PMTG	e Pn	10:33:00.20		HZ		
	e Sn	10:33:36.39		HE		
PSARD	e Pn	10:33:05.41		HZ		

23-Jan Ho 10:34:27.9 ML 1.5
Lat 37.012°N Lon 05.448°W Prof 8
Região: SE Sevilha (ESP) Rms 0.4
AxMax 4.8 AxMin 3.2 Ang 165 ErrZ 10

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e Pn	10:34:58.57		HZ		
	e Sn	10:35:21.26		H2		
PBDV	e Pn	10:35:00.85		HZ		
	e Sn	10:35:26.78		HN		
PCVE	e Pn	10:35:02.76		HZ		
PLOUS	e Pn	10:35:08.74		HZ		
GRNL	e Pn	10:35:10.66		CZ		
PMRV	e Pn	10:35:13.29		HZ		

23-Jan Ho 11:05:36.8 ML 0.5
Lat 38.802°N Lon 08.106°W Prof 7
Região: NW Arraiolos Rms 0.4
AxMax 3.5 AxMin 2.0 Ang 97 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	11:05:38.32		HZ		
	e Sg	11:05:39.72		HN		
PMTG	e Pg	11:05:41.70		HZ		
	e Sg	11:05:45.57		HN		
	IAML	11:05:45.77		HZ	0.003	0.2
MOE	e Pg	11:05:42.93		HZ		
	e Sg	11:05:47.72		HN		
PESTR	e Pg	11:05:44.35		HZ		
	e Sg	11:05:49.55		HN		
PSARD	e P	11:05:51.74		HZ		
	e S	11:06:02.46		HN		
PMRV	e P	11:05:53.03		HZ		
	e S	11:06:03.12		HE		
PVAQ	e Sg	11:06:22.08		H1		

23-Jan Ho 11:09:52.7 ML 1.7
Lat 36.973°N Lon 05.367°W Prof 18
Região: SE Sevilha (ESP) Rms 0.4
AxMax 5.9 AxMin 5.5 Ang 132 ErrZ 9

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBAR	e Pn	11:10:21.13		HZ		
PVAQ	e Pn	11:10:23.28		HZ		
	e Sn	11:10:46.25		H1		
PBDV	e Pn	11:10:25.57		HZ		
	e Sn	11:10:51.57		HN		
PCVE	e Pn	11:10:27.52		HZ		
	e Sg	11:10:59.67		HE		
PLOUS	e Pn	11:10:33.44		HZ		
	e Sn	11:11:05.53		HN		
PTEO	e Pn	11:10:34.76		HZ		
PFVI	e Pn	11:10:35.17		HZ		
	e Sn	11:11:07.79		HN		
GRNL	e Pn	11:10:35.27		CZ		
PARRA	e Pn	11:10:35.07		HZ		
	e Sn	11:11:08.22		HN		
PMRV	e Pn	11:10:38.04		HZ		
PMTG	e Pn	11:10:39.43		HZ		

23-Jan
Est Fase P h:m:s Dur Co Amp Per
PVAQ e Pn 11:12:17.83 HZ
e Sn 11:12:40.88 H1
PBDV e Pn 11:12:20.15 HZ

23-Jan Ho 11:14:02.4 Distante (NEIC) Mw 5.6
Lat 12.771°S Lon 168.895°E Prof 598
Região: Santa Cruz Islands Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e PKPbc	11:32:48.02		BZ		
PBRG	e PKPbc	11:32:46.34		BZ		
PCAB	e PKPab	11:32:54.05		SZ		
POLO	e PKPbc	11:32:50.58		BZ		
PVRL	e PKPbc	11:32:49.81		SZ		
MVO	e PKPbc	11:32:49.87		BZ		
PVIS	e PKPbc	11:32:50.77		BZ		
MTE	e PKPbc	11:32:51.49		BZ		
PCAS	e PKPbc	11:32:50.67		BZ		
PSARD	e PKPbc	11:32:53.38		BZ		
PMRV	e PKPbc	11:32:53.84		BZ		

23-Jan Ho 11:44:07.5 ML 0.8
Lat 38.733°N Lon 07.906°W Prof 18
Região: E Arraiolos Rms 0.2
AxMax 2.2 AxMin 1.3 Ang 122 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	i Pg	d 11:44:11.40		HZ		
	e Sg	11:44:14.16		HE		
PESTR	e Pg	11:44:13.37		HZ		
	e Sg	11:44:17.60		HN		
MOE	e Pg	11:44:15.37		HZ		
	e Sg	11:44:20.84		HE		
PMTG	e Pg	11:44:15.51		HZ		
	e Sg	11:44:21.61		HN		

PMRV e S 11:44:32.84 HE
GRNL e P 11:44:22.74 CZ
e S 11:44:33.15 CN

23-Jan Ho 12:39:21.4 ML 1.0
Lat 41.903°N Lon 07.137°W Prof 16
Região: NW Vinhais Rms 0.2
AxMax 4.1 AxMin 3.0 Ang 102 ErrZ 17

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Pg	12:39:25.71		HZ		
	e Sg	12:39:30.21		HN		
	IAML	12:39:30.66		HZ	0.004	0.1
PCAB	e P	12:39:34.33		EZ		
	e S	12:39:47.66		EE		
POLO	e P	12:39:35.03		HZ		
	e S	12:39:44.35		HE		
	IAML	12:39:44.51		HZ	0.003	0.1
MVO	e P	12:39:35.00		HZ		
	e S	12:39:44.80		HN		
	IAML	12:39:47.09		HZ	0.003	0.1
PGAV	e P	12:39:36.45		HZ		
	e S	12:39:47.13		HN		

23-Jan Ho 14:18:06.1 ML 0.3
Lat 38.781°N Lon 08.395°W Prof 18
Região: NE Vendas Novas Rms 0.2
AxMax 2.1 AxMin 1.8 Ang 101 ErrZ 8

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MOE	e Pg	14:18:11.49		HZ		
	e Sg	14:18:15.38		HN		
	IAML	14:18:15.83		HZ	0.003	0.1
PARRA	e Pg	14:18:11.92		HZ		
	e Sg	14:18:16.46		HN		
	IAML	14:18:16.65		HZ	0.002	0.1
PMTG	e Pg	14:18:12.44		HZ		
	e Sg	14:18:17.11		HE		
GRNL	e S	14:18:28.40		CN		
PMAFR	e S	14:18:29.02		HN		
PLOUS	e S	14:18:29.57		HN		

23-Jan Ho 15:04:48.9 Distante (NEIC) mb 4.7
Lat 53.090°N Lon 159.720°E Prof 67
Região: Near East Coast of Kamchatka

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e P	15:17:17.59		BZ		
POLO	e P	15:17:20.86		BZ		
PVRL	e P	15:17:20.28		SZ		
MVO	e P	15:17:20.37		BZ		
PVIS	e P	15:17:23.07		BZ		
MTE	e P	15:17:25.04		BZ		
PCAS	e P	15:17:27.09		BZ		
PARRA	e P	15:17:32.27		BZ		

23-Jan Ho 15:40:46.9 ML 0.9
Lat 41.919°N Lon 07.175°W Prof 11
Região: NW Vinhais Rms 0.3
AxMax 4.5 AxMin 3.2 Ang 57 ErrZ 12

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e Pg	15:40:51.37		HZ		
	e Sg	15:40:56.06		HE		
	IAML	15:40:56.34		HZ	0.004	0.1
PCAB	e P	15:41:02.04		EZ		
	e S	15:41:13.41		EN		
POLO	e P	15:41:00.75		HZ		
	e S	15:41:10.03		HN		
	IAML	15:41:10.20		HZ	0.003	0.1
MVO	e P	15:41:00.66		HZ		
	e S	15:41:10.48		HE		
PGAV	e P	15:41:01.90		HZ		
	e S	15:41:12.58		HN		

23-Jan Ho 18:11:30.3 ML 1.8
Lat 35.855°N Lon 04.635°W Prof 77
Região: Alboran Rms 0.3
AxMax 5.8 AxMin 4.5 Ang 72 ErrZ 7

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	18:12:14.48		HZ		
	e S	18:12:47.59		H1		
PBDV	e S	18:12:49.51		HN		
PBAR	e S	18:12:48.94		HE		
PCVE	e P	18:12:18.70		HZ		
	e S	18:12:55.49		HN		
GRNL	e P	18:12:27.09		CZ		
PARRA	e P	18:12:29.33		HZ		
	e S	18:13:13.10		HN		

23-Jan Ho 19:23:36.3 Distante (NEIC) mb 5.0
Lat 24.622°N Lon 95.093°E Prof 118
Região: Myanmar

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MVO	e P	19:35:47.42		BZ		
	IAMB	19:35:48.38		BZ	0.026	0.9
PVRL	e P	19:35:49.80		SZ		
PGAV	e P	19:35:50.38		BZ		
MTE	e P	19:35:52.05		BZ		
PVIS	e P	19:35:51.90		BZ		
PMRV	e P	19:35:52.91		BZ		
PBAR	e P	19:35:54.07		BZ		
PSARD	e P	19:35:55.18		BZ		
PARRA	e P	19:35:56.24		BZ		
PMTG	e P	19:35:56.80		BZ		
EVO	e P	19:35:57.83		BZ		
MOE	e P	19:35:58.60		BZ		
PVAQ	e P	19:35:58.70		BZ		
	IAMB	19:35:59.50		BZ	0.058	1.9
MESJ	e P	19:35:59.48		BZ		
PLOUS	e P	19:35:59.86		BZ		
PBDV	e P	19:35:59.86		BZ		
GRNL	e P	19:36:00.58		BZ		
PFVI	e P	19:36:03.47		BZ		

23-Jan Ho 19:59:28.3 Distante (NEIC) mb 4.9
Lat 27.535°S Lon 13.393°W Prof 10
Região: Southern Mid-Atlantic Ridge

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	20:10:07.30		BZ		
	IAMB	20:10:10.70		BZ	0.088	1.6
PVAQ	e P	20:10:08.31		BZ		
	IAMB	20:10:09.80		BZ	0.053	1.9
	e LR	20:31:41.54		LZ		
	IAMS_20	20:36:06.27		LZ	0.091	18
GRNL	e P	20:10:13.14		BZ		
PBAR	e P	20:10:13.62		BZ		
	IAMB	20:10:24.36		BZ	0.030	2.4
MOE	e P	20:10:15.39		BZ		
	IAMB	20:10:26.18		BZ	0.040	2.1
EVO	e P	20:10:12.71		BZ		
	IAMB	20:10:24.29		BZ	0.093	1.6
PESTR	e P	20:10:17.70		BZ		
	IAMB	20:10:35.58		BZ	0.030	1.8
PMRV	e LR	20:34:02.62		LZ		
	IAMS_20	20:36:50.76		LZ	0.085	20
PCAS	e P	20:10:24.80		BZ		
MTE	e P	20:10:27.21		BZ		
	IAMB	20:10:41.91		BZ	0.035	2.4
	e LR	20:33:32.92		LZ		
	IAMS_20	20:37:27.60		LZ	0.073	18
MVO	e P	20:10:32.02		BZ		
	IAMB	20:10:57.42		BZ	0.027	1.7
	e LR	20:33:55.19		LZ		
	IAMS_20	20:37:32.52		LZ	0.070	20
PVRL	e P	20:10:29.54		SZ		
PBRG	e P	20:10:34.49		BZ		
PGAV	e LR	20:33:47.77		LZ		
	IAMS_20	20:38:34.96		LZ	0.076	18

24-Jan Ho 02:40:13.9 ML 1.4									
Lat 36.587°N Lon 09.798°W Prof 15									
Região: SW Cabo S.Vicente Rms 0.3									
AxMax 5.0 AxMin 4.1 Ang 138 ErrZ 3									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	02:40:30.82		HZ					
	e S	02:40:43.75		HE					
	IAML	02:40:44.21		HZ	0.006	0.2			
PMONC	e P	02:40:34.94		HZ					
	e S	02:40:50.98		H2					
	IAML	02:40:52.13		HZ	0.015	0.5			
PTEO	e P	02:40:35.77		HZ					
	e S	02:40:52.33		HN					
	IAML	02:41:01.45		HZ	0.006	0.7			
PBDV	e P	02:40:40.27	c	HZ					
	e S	02:40:59.96		HN					
	IAML	02:41:01.31		HZ	0.001	0.1			
PCVE	e P	02:40:42.19		HZ					
	e S	02:41:03.57		HE					
	IAML	02:41:05.21		HZ	0.002	0.6			
MESJ	e P	02:40:42.79		HZ					
	e S	02:41:04.06		HN					
	IAML	02:41:04.94		HZ	0.001	0.4			
GRNL	e P	02:40:42.96		CZ					
	e S	02:41:04.34		CE					
	IAML	02:41:16.13		CZ	0.002	1.3			
PLOUS	e P	02:40:42.40		HZ					
	e S	02:41:04.19		HE					
PVAQ	e P	02:40:43.26		HZ					
	e S	02:41:05.29		H1					
	IAML	02:41:07.83		HZ	0.002	0.1			
MOE	e P	02:40:49.06		HZ					
	e S	02:41:15.59		HE					
EVO	e S	02:41:18.45		HN					
PARRA	e P	02:40:54.13		HZ					
	e S	02:41:24.08		HN					
PBAR	e P	02:40:54.99		HZ					
	e S	02:41:26.24		HN					
PMTG	e P	02:40:56.17		HZ					
	e S	02:41:27.38		HN					
	IAML	02:41:28.82		HZ	0.001	0.2			
PESTR	e S	02:41:29.79		HN					
PSARD	e P	02:41:03.16		HZ					
	e S	02:41:39.23		HN					
PMRV	e P	02:41:04.38		HZ					
	e S	02:41:42.45		HE					
24-Jan Ho 02:50:47.3 ML 0.6									
Lat 38.726°N Lon 07.901°W Prof 13									
Região: E Arraiolos Rms 0.3									
AxMax 2.0 AxMin 1.2 Ang 93 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PARRA	i Pg	02:50:50.62	d	HZ					
	e Sg	02:50:53.39		HE					
	IAML	02:50:53.50		HZ	0.004	0.3			
EVO	i Pg	02:50:51.63	c	HZ					
	e Sg	02:50:55.09		HE					
	IAML	02:50:55.20		HZ	0.016	0.3			
PESTR	e Pg	02:50:52.60		HZ					
	e Sg	02:50:56.75		HE					
	IAML	02:50:57.03		HZ	0.002	0.5			
MOE	e Pg	02:50:54.60		HZ					
	e Sg	02:51:00.12		HE					
	IAML	02:51:01.44		HZ	0.003	0.2			
PMTG	e Pg	02:50:54.99		HZ					
	e Sg	02:51:00.96		HN					
	IAML	02:51:01.31		HZ	0.001	0.2			
PLOUS	e P	02:51:02.02		HZ					
	e S	02:51:13.10		HN					
PMRV	e P	02:51:01.75		HZ					
	e S	02:51:12.60		HE					
GRNL	e P	02:51:02.12		CZ					
	e S	02:51:12.53		CE					
PBAR	e P	02:51:02.60		HZ					
	e S	02:51:15.15		HE					
24-Jan Ho 02:51:03.66 ML 0.8									
Lat 35.991°N Lon 08.561°W Prof 0*									
Região: Mar de Marrocos Rms 0.4									
AxMax 4.8 AxMin 3.4 Ang 68 ErrZ 0									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PSARD	e P	02:51:03.66		HZ					
	e S	02:51:15.49		HE					
	IAML	02:51:16.04		HZ	0.002	0.2			
MESJ	e P	02:51:04.31		HZ					
	e S	02:51:15.75		HN					
PCVE	e P	02:51:07.44		HZ					
	e S	02:51:20.89		HE					
PMAFR	e S	02:51:21.96		HN					
PVAQ	e S	02:51:27.69		H2					
24-Jan Ho 03:33:53.8 ML 0.8									
Lat 35.991°N Lon 08.561°W Prof 0*									
Região: Mar de Marrocos Rms 0.4									
AxMax 4.8 AxMin 3.4 Ang 68 ErrZ 0									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PFVI	e P	03:34:14.64		HZ					
	e S	03:34:30.09		HE					
PMONC	e S	03:34:35.51		H1					
PBDV	e P	03:34:18.26		HZ					
	e S	03:34:36.35		HE					
PTEO	e P	03:34:20.43		HZ					
	e S	03:34:41.01		HE					
PVAQ	e P	03:34:20.89		HZ					
	e S	03:34:41.07		H2					
	IAML	03:34:45.86		HZ	0.001	0.2			
PCVE	e P	03:34:23.04		HZ					
	e S	03:34:44.75		HN					
MESJ	e P	03:34:25.18		HZ					
PLOUS	e P	03:34:27.23		HZ					
	e S	03:34:53.29		HN					
GRNL	e P	03:34:28.29		CZ					
PBAR	e S	03:35:03.78		HN					
MOE	e P	03:34:34.21		HZ					
	e S	03:35:05.03		HN					
PARRA	e P	03:34:38.52		HZ					
	e S	03:35:12.76		HN					
PMTG	e P	03:34:41.81		HZ					
	e S	03:35:17.92		HN					
PMRV	e P	03:34:48.06		HZ					
PSARD	e P	03:34:49.80		HZ					
24-Jan Ho 03:55:23.8 ML 0.4									
Lat 36.775°N Lon 07.439°W Prof 19									
Região: Golfo de Cádiz Rms 0.1									
AxMax 2.7 AxMin 2.7 Ang 71 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e P	03:55:35.09		HZ					
	e S	03:55:43.69		HN					
PVAQ	e P	03:55:36.00		HZ					
	e S	03:55:45.13		H2					
	IAML	03:55:45.76		HZ	0.001	0.1			
PCVE	e P	03:55:41.18		HZ					
24-Jan Ho 03:57:10.3 ML 1.6									
Lat 43.138°N Lon 08.936°W Prof 13									
Região: NE Cabo Finisterra (ESP) Rms 0.5									
AxMax 9.7 AxMin 5.5 Ang 105 ErrZ 6									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PGAV	e P	03:57:29.58		HZ					
	e S	03:57:50.19		HE					
	IAML	03:57:50.46		HZ	0.008	0.2			
PCAB	e Pn	03:57:35.92		EZ					
	e Sn	03:57:55.54		EN					
	e Sg	03:57:59.41		EE					
POLO	e Pn	03:57:42.04		HZ					
	e Sn	03:58:05.19		HN					
	e Sg	03:58:11.54		HE					
PBRG	e Pn	03:57:41.61		HZ					
	e Sg	03:58:14.10		HE					
	IAML	03:58:16.31		HZ	0.001	0.2			
PVIS	e Sg	03:58:30.39		HN					

24-Jan	Ho	04:34:36.2			ML 0.7
	Lat	39.556°N	Lon	09.687°W	Prof 11
	Região: NW Peniche				Rms 0.3
	AxMax	7.5	AxMin	4.1	Ang 75
					ErrZ 5
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PCAS	e P	04:34:54.51		HZ	
	e S	04:35:09.17		HE	
PSARD	e P	04:34:57.03		HZ	
	e S	04:35:12.83		HN	
	IAML	04:35:14.42		HZ	0.003 0.8
PMTG	e P	04:34:57.93		HZ	
	e S	04:35:13.78		HN	
	IAML	04:35:14.90		HZ	0.000 0.2
MOE	e S	04:35:20.54		HE	
PARRA	e S	04:35:20.29		HE	
PESTR	e Sg	04:35:30.68		HN	
PMRV	e Sg	04:35:31.21		HE	

24-Jan	Ho	05:59:17.0	Distante (NEIC)	mb 4.6
	Lat	28.860°N	Lon	87.520°E
	Região: Xizang			
	AxMax	7.4	AxMin	4.4
			Ang 79	ErrZ 11
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>
PMRV	e P	06:11:01.42		BZ
PBAR	e P	06:11:03.65		BZ
EVO	e P	06:11:07.94		BZ
PVAQ	e P	06:11:09.70		BZ
MESJ	e P	06:11:10.65		BZ
PBDV	e P	06:11:11.25		BZ

24-Jan	Ho	07:11:52.6			ML 1.7
	Lat	36.493°N	Lon	09.861°W	Prof 31
	Região: SW Cabo S.Vicente				Rms 0.3
	AxMax	7.4	AxMin	4.4	Ang 79
					ErrZ 11
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PFVI	i P	07:12:09.53		HZ	
	e S	07:12:22.39		HN	
	IAML	07:12:22.81		HZ	0.010 0.3
PMONC	e S	07:12:29.72		H1	
PTEO	e P	07:12:14.76		HZ	
	e S	07:12:30.74		HN	
	IAML	07:12:31.92		HZ	0.007 0.2
PBDV	e P	07:12:19.05		HZ	
	e S	07:12:38.42		HN	
	IAML	07:12:44.97		HZ	0.003 0.4
PCVE	e P	07:12:20.92		HZ	
	e S	07:12:42.35		HN	
	IAML	07:12:43.89		HZ	0.006 0.5
MESJ	e P	07:12:21.17		HZ	
	e S	07:12:42.54		HE	
	IAML	07:12:43.45		HZ	0.003 0.3
GRNL	e P	07:12:21.46		CZ	
	e S	07:12:43.39		CN	
	IAML	07:12:56.67		CZ	0.003 0.4
PLOUS	e S	07:12:43.05		HE	
	IAML	07:12:45.92		HZ	0.003 0.2
PVAQ	e P	07:12:22.01		HZ	
	e S	07:12:43.92		H2	
	IAML	07:12:46.49		HZ	0.003 0.1
MOE	e P	07:12:27.81		HZ	
	e S	07:12:54.26		HE	
	IAML	07:13:08.71		HZ	0.004 0.7
EVO	e P	07:12:29.31		HZ	
	e S	07:12:57.29		HE	
	IAML	07:12:57.67		HZ	0.009 0.4
PARRA	e P	07:12:32.66		HZ	
	e S	07:13:02.81		HE	
PBAR	e P	07:12:33.63		HZ	
	e S	07:13:05.02		HE	
	IAML	07:13:06.19		HZ	0.001 0.3
PMTG	e P	07:12:35.07		HZ	
	e S	07:13:06.06		HE	
PESTR	e S	07:13:08.57		HN	
PSARD	e S	07:13:18.09		HE	
PMRV	e P	07:12:43.37		HZ	
	e S	07:13:21.38		HN	
PCAS	e S	07:13:27.79		HN	

24-Jan	Ho	09:07:32.7			ML 1.1
	Lat	39.241°N	Lon	07.254°W	Prof 3
	Região: NE Arronches				Rms 0.3
	AxMax	5.0	AxMin	1.9	Ang 83
					ErrZ 8
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMRV	e Pg	09:07:36.17		HZ	
	e Sg	09:07:39.39		HN	
	IAML	09:07:39.79		HZ	0.006 0.2
PESTR	e Pg	09:07:39.02		HZ	
	e Sg	09:07:47.43		HE	
PARRA	e P	09:07:46.42		HZ	
	e S	09:07:56.31		HN	
	IAML	09:07:59.86		HZ	0.002 0.2
PMTG	e P	09:07:47.27		HZ	
	e S	09:07:57.27		HN	
	IAML	09:08:00.56		HZ	0.003 0.3
PSARD	e S	09:07:58.08		HE	
	IAML	09:08:02.32		HZ	0.008 0.3
PBAR	e P	09:07:52.54		HZ	
	e S	09:08:07.34		HN	
	IAML	09:08:08.94		HZ	0.003 0.3
MOE	e P	09:07:53.14		HZ	
	e S	09:08:08.27		HN	
	IAML	09:08:09.12		HZ	0.002 0.2
PCAS	e P	09:07:56.11		HZ	
	e S	09:08:12.83		HN	
PLOUS	e Sg	09:08:21.23		HE	
GRNL	e Pg	09:08:00.93		CZ	
	e Sg	09:08:21.14		CE	
MESJ	e Pn	09:07:59.62		HZ	
	e Sg	09:08:23.28		HN	
PCVE	e Sg	09:08:26.32		HN	
	IAML	09:08:27.50		HZ	0.002 0.2
PVAQ	e Sg	09:08:30.75		H2	
	IAML	09:08:31.03		HZ	0.002 0.4

24-Jan	Ho	10:26:54.8			ML 0.5
	Lat	37.317°N	Lon	08.548°W	Prof 15
	Região: NE Monchique				Rms 0.1
	AxMax	1.3	AxMin	1.0	Ang 132
					ErrZ 2
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
PMONC	e Sg	10:26:59.11		H2	
PTEO	e Pg	10:27:00.50		HZ	
	e Sg	10:27:04.42		HN	
PFVI	e Pg	10:27:00.54		HZ	
	e Sg	10:27:04.69		HE	
PCVE	e Pg	10:27:04.50		HZ	
	e Sg	10:27:11.42		HN	
PVAQ	e P	10:27:07.02		HZ	
	e S	10:27:16.14		H1	
PLOUS	e S	10:27:17.65		HN	
GRNL	e S	10:27:19.50		CN	

24-Jan	Ho	10:39:21.9			ML 1.1
	Lat	38.018°N	Lon	09.478°W	Prof 31
	Região: W Sines				Rms 0.3
	AxMax	5.3	AxMin	4.5	Ang 89
					ErrZ 9
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp Per</i>
GRNL	e P	10:39:34.70		CZ	
	e S	10:39:44.22		CE	
	IAML	10:39:51.26		CZ	0.003 0.4
PTEO	e P	10:39:34.92		HZ	
	e S	10:39:45.45		HN	
PLOUS	e P	10:39:36.25		HZ	
	e S	10:39:47.05		HN	
	IAML	10:39:55.38		HZ	0.003 0.8
PMAFR	e P	10:39:38.81		HZ	
	e S	10:39:49.85		HN	
MESJ	e P	10:39:39.32		HZ	
	e S	10:39:52.39		HN	
	IAML	10:39:58.26		HZ	0.003 0.4
MOE	e P	10:39:39.31		HZ	
	e S	10:39:51.19		HE	
PFVI	e P	10:39:38.80		HZ	
	e S	10:39:51.32		HE	
PMONC	e P	10:39:38.61		HZ	

PCVE	e P	10:39:41.74	HZ
	e S	10:39:56.63	HE
PARRA	e P	10:39:43.59	HZ
	e S	10:40:00.07	HN
PMTG	e P	10:39:44.50	HZ
	e S	10:40:01.02	HN
PVAQ	e P	10:39:46.64	HZ
	e S	10:40:04.84	H2
PESTR	e S	10:40:07.74	HN
PBAR	e S	10:40:13.41	HN
PMRV	e S	10:40:18.10	HE

24-Jan Ho 11:08:55.5 ML 0.3
Lat 38.724°N Lon 07.901°W Prof 17
Região: E Arraiolos Rms 0.1
AxMax 1.5 AxMin 1.0 Ang 110 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	11:08:59.25		HZ		
	e Sg	11:09:02.04		HE		
	IAML	11:09:02.10		HZ	0.002	0.1
EVO	e Pg	11:09:00.29		HZ		
	e Sg	11:09:03.75		HN		
PESTR	e Pg	11:09:01.23		HZ		
	e Sg	11:09:05.41		HE		
MOE	e Pg	11:09:03.36		HZ		
	e Sg	11:09:08.77		HN		
PMTG	e Pg	11:09:03.70		HZ		
	e Sg	11:09:09.77		HN		

24-Jan Ho 11:36:28.5 ML 0.8
Lat 36.284°N Lon 08.258°W Prof 14
Região: SW Faro Rms 0.3
AxMax 8.5 AxMin 3.2 Ang 67 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	11:36:45.63		HZ		
	e S	11:36:58.71		HE		
PMONC	e S	11:37:01.41		H1		
PVAQ	e P	11:36:49.62		HZ		
	e S	11:37:04.36		H2		
PTEO	e P	11:36:50.96		HZ		
PCVE	e P	11:36:52.04		HZ		
	e S	11:37:08.46		HE		
GRNL	e S	11:37:19.47		CE		
PBAR	e S	11:37:26.68		HN		
PARRA	e P	11:37:07.67		HZ		
	e S	11:37:36.86		HE		
PMTG	e P	11:37:11.75		HZ		
	e S	11:37:43.05		HE		

24-Jan Ho 11:37:00.7 ML 1.3
Lat 36.213°N Lon 08.356°W Prof 32
Região: SW Faro Rms 0.3
AxMax 5.3 AxMin 4.0 Ang 14 ErrZ 13

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	11:37:17.07		HZ		
	e S	11:37:29.38		HE		
	IAML	11:37:35.39		HZ	0.005	0.7
PBDV	e S	11:37:32.19		HE		
PMONC	e S	11:37:32.10		H1		
PVAQ	e P	11:37:21.07		HZ		
	e S	11:37:36.47		H2		
	IAML	11:37:38.29		HZ	0.003	0.7
PTEO	e S	11:37:38.62		HN		
PCVE	e P	11:37:23.55		HZ		
	e S	11:37:40.04		HE		
MESJ	e S	11:37:44.68		HE		
PLOUS	e S	11:37:50.89		HE		
GRNL	e P	11:37:30.81		CZ		
	e S	11:37:51.34		CN		
PBAR	e S	11:37:58.72		HE		
MOE	e P	11:37:36.43		HZ		
	e S	11:38:01.48		HE		
PARRA	e S	11:38:08.44		HN		
PMTG	e P	11:37:43.08		HZ		
	e S	11:38:13.54		HE		
PMRV	e P	11:37:48.48		HZ		

24-Jan Ho 13:39:00.0 Distante (NEIC) mb 4.3
Lat 41.830°N Lon 19.340°E Prof 10
Região: Albania

<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 P	13:43:40.08		BZ		
PVIS	e P	13:43:39.90		BZ		
PBAR	e P	13:43:40.56		BZ		
	IAMB	13:43:43.51		BZ	0.025	1.5
PESTR	e P	13:43:44.17		BZ		
PSARD	e P	13:43:44.57		BZ		
PARRA	e P	13:43:46.27		BZ		
	IAMB	13:43:52.75		BZ	0.031	1.8
PMTG	e P	13:43:48.48		BZ		
	IAMB	13:43:50.93		BZ	0.038	1.6
PVAQ	e P	13:43:50.73		BZ		
PLOUS	e P	13:43:53.94		BZ		

24-Jan Ho 13:56:21.3 ML 0.6
Lat 37.309°N Lon 08.575°W Prof 11
Região: SW Monchique Rms 0.3
AxMax 2.1 AxMin 1.2 Ang 126 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MORF	e Pg	13:56:23.56		HZ		
	e Sg	13:56:25.66		HE		
	IAML	13:56:26.33		HZ	0.005	0.1
PTEO	e Pg	13:56:26.63		HZ		
	e Sg	13:56:30.57		HN		
PFVI	e Pg	13:56:26.38		HZ		
	e Sg	13:56:30.11		HN		
	IAML	13:56:30.68		HZ	0.005	0.5
PBDV	e Sg	13:56:38.43		HE		
PCVE	e Pg	13:56:31.49		HZ		
	e Sg	13:56:38.53		HE		
MESJ	e Pg	13:56:32.64		HZ		
	e Sg	13:56:40.33		HN		
PVAQ	e P	13:56:33.71		HZ		
	e S	13:56:43.27		H2		
	IAML	13:56:45.70		HZ	0.001	0.5
GRNL	e P	13:56:35.86		CZ		
	e S	13:56:46.22		CN		
	IAML	13:56:47.62		CZ	0.002	0.2
MOE	e S	13:56:59.54		HE		
PBAR	e Sg	13:57:07.32		HE		
PARRA	e Sg	13:57:09.16		HN		
PMTG	e Sg	13:57:16.68		HE		

24-Jan Ho 15:30:54.9 ML 0.7
Lat 38.723°N Lon 07.897°W Prof 15
Região: E Arraiolos Rms 0.2
AxMax 1.5 AxMin 0.9 Ang 97 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	i Pg	d 15:30:58.52		HZ		
	e Sg	15:31:01.32		HE		
EVO	e Pg	15:30:59.51		HZ		
	e Sg	15:31:03.01		HN		
PESTR	e Pg	15:31:00.49		HZ		
	e Sg	15:31:04.67		HN		
MOE	e Pg	15:31:02.56		HZ		
	e Sg	15:31:08.02		HN		
	IAML	15:31:08.82		HZ	0.003	0.2
PMTG	e Pg	15:31:02.92		HZ		
	e Sg	15:31:08.90		HN		
PLOUS	e P	15:31:06.46		HZ		
	e S	15:31:20.87		HE		
PMRV	e P	15:31:09.62		HZ		
	e S	15:31:20.42		HE		
GRNL	e P	15:31:10.00		CZ		
	e S	15:31:20.41		CN		
PBAR	e P	15:31:10.63		HZ		
	e S	15:31:22.33		HE		
PSARD	e S	15:31:23.48		HN		
PCVE	e S	15:31:29.00		HE		
PVAQ	e Sg	15:31:35.75		H2		

PMAFR	e P	16:31:01.25	BZ				
GRNL	e P	16:31:01.06	BZ				
PLOUS	e P	16:31:00.91	BZ				
	IAmb	16:31:02.57	BZ	0.049	1.7		
MESJ	e P	16:31:01.30	BZ				
	IAmb	16:31:05.50	BZ	0.051	2.9		
PCVE	e P	16:31:01.32	BZ				
	IAmb	16:31:03.40	BZ	0.039	0.8		
PVAQ	e P	16:31:02.32	BZ				
MOE	e P	16:31:02.21	BZ				
	IAmb	16:31:04.03	BZ	0.093	1.8		
EVO	e P	16:31:03.93	BZ				
	IAmb	16:31:05.22	BZ	0.104	1.9		
PARRA	e P	16:31:04.33	BZ				
	IAmb	16:31:07.42	BZ	0.051	2.4		
PMTG	e P	16:31:04.40	BZ				
	IAmb	16:31:05.92	BZ	0.063	1.9		
PESTR	e P	16:31:05.98	BZ				
	IAmb	16:31:07.86	BZ	0.033	1.1		
PBAR	e P	16:31:06.23	BZ				
	IAmb	16:31:09.28	BZ	0.043	2.3		
PSARD	e P	16:31:06.12	BZ				
	IAmb	16:31:06.87	BZ	0.053	1.0		
PCAS	e P	16:31:06.83	BZ				
PMRV	e P	16:31:07.60	BZ				
	IAmb	16:31:10.83	BZ	0.048	2.3		
PTO	e P	16:31:09.10	SZ				
PVIS	e P	16:31:08.77	BZ				
MTE	e P	16:31:10.26	BZ				
	IAmb	16:31:12.97	BZ	0.073	2.1		
PVRL	e P	16:31:12.68	SZ				
POLO	e P	16:31:13.09	BZ				
PGAV	e P	16:31:12.66	BZ				
PCAB	e P	16:31:12.46	SZ				
	IAmb	16:31:13.96	SZ	0.081	0.8		
PBRG	e P	16:31:15.93	BZ				
<hr/>							
24-Jan	Ho	18:01:01.8				ML 1.6	
	Lat	36.086°N	Lon	08.518°W		Prof 31	
	Região:	SE Cabo S.Vicente				Rms 0.3	
	AxMax	4.7	AxMin	4.2	Ang	46	ErrZ 10
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>		<i>Amp</i>	<i>Per</i>
PFVI	e P	18:01:19.28		HZ			
	e S	18:01:32.14		HE			
	IAML	18:01:43.65		HZ	0.006	0.9	
MORF	e P	18:01:21.32		HZ			
	e S	18:01:35.75		HE			
	IAML	18:01:36.24		HZ	0.006	0.1	
PBDV	e P	18:01:21.62		HZ			
	e S	18:01:36.95		HE			
	IAML	18:01:40.76		HZ	0.003	0.8	
PTEO	e P	18:01:24.81		HZ			
	e S	18:01:41.92		HE			
PVAQ	e P	18:01:24.98		HZ			
	e S	18:01:41.41		H2			
	IAML	18:01:43.95		HZ	0.003	0.6	
PCVE	e P	18:01:26.09		HZ			
	e S	18:01:44.75		HE			
	IAML	18:01:46.97		HZ	0.003	0.3	
MESJ	e S	18:01:49.22		HE			
PLOUS	e S	18:01:53.17		HE			
GRNL	e P	18:01:32.51		CZ			
	e S	18:01:55.08		CN			
PBAR	e P	18:01:34.81		HZ			
	e S	18:02:04.14		HE			
	IAML	18:02:10.20		HZ	0.001	0.4	
MOE	e P	18:01:37.73		HZ			
	e S	18:02:05.86		HE			
EVO	e P	18:01:36.05		HZ			
	e S	18:02:05.89		HE			
PARRA	e P	18:01:42.41		HZ			
	e S	18:02:12.30		HN			
PMTG	e P	18:01:45.92		HZ			
	e S	18:02:17.78		HN			
PSARD	e P	18:01:53.50		HZ			
	e S	18:02:30.95		HN			

24-Jan

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e Pg	18:09:23.59		HZ		
	e Sg	18:09:27.10		H2		

24-Jan	Ho	19:05:46.4				ML 1.5	
	Lat	36.180°N	Lon	06.576°W		Prof 2	
	Região:	Golfo de Cádiz				Rms 0.4	
	AxMax	3.8	AxMin	3.2	Ang	39	ErrZ 5

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e P	19:06:13.38		HZ		
	e S	19:06:33.05		HE		
PVAQ	e P	19:06:12.96		HZ		
	e S	19:06:32.77		H2		
	IAML	19:06:35.78		HZ	0.002	0.4
PBAR	e P	19:06:19.60		HZ		
	e S	19:06:44.58		HE		
	IAML	19:06:56.63		HZ	0.002	0.7
PARRA	e P	19:06:31.37		HZ		
PMRV	e P	19:06:38.31		HZ		
PSARD	e P	19:06:43.08		HZ		

24-Jan	Ho	19:19:42.2				ML 1.5	
	Lat	36.958°N	Lon	05.374°W		Prof 4	
	Região:	SE Sevilha (ESP)				Rms 0.4	
	AxMax	1.8	AxMin	1.5	Ang	27	ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBAR	e Pn	19:20:12.51		HZ		
	e Sn	19:20:34.34		HN		
	IAML	19:20:41.18		HZ	0.002	0.4
PVAQ	e Pn	19:20:14.77		HZ		
	e Sn	19:20:37.85		H1		
	e Sg	19:20:44.96		H1		
	IAML	19:20:46.96		HZ	0.002	0.7
PBDV	e Pn	19:20:17.03		HZ		
	e Sn	19:20:41.79		HE		
PCVE	e Pn	19:20:19.03		HZ		
PLOUS	e Pn	19:20:24.87		HZ		
PFVI	e Pn	19:20:26.55		HZ		
	e Sn	19:20:59.06		HN		
GRNL	e Pn	19:20:26.73		CZ		
PARRA	e Pn	19:20:26.73		HZ		
	e Sn	19:20:59.89		HE		
PMRV	e Pn	19:20:29.53		HZ		

24-Jan	Ho	19:42:30.2				ML 1.4	
	Lat	35.916°N	Lon	07.571°W		Prof 31	
	Região:	Mar de Marrocos				Rms 0.3	
	AxMax	11.1	AxMin	3.7	Ang	5	ErrZ 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>
PBDV	e P	19:42:51.42		HZ		
	e S	19:43:07.33		HE		
PVAQ	e P	19:42:53.19		HZ		
	e S	19:43:10.28		H2		
	IAML	19:43:11.98		HZ	0.002	0.2
PFVI	e P	19:42:54.78		HZ		
	e S	19:43:13.27		HE		
MORF	e P	19:42:55.35		HZ		
	e S	19:43:14.53		HN		
PCVE	e P	19:42:57.09		HZ		
	e S	19:43:17.19		HN		
	IAML	19:43:18.26		HZ	0.002	0.7
PLOUS	e P	19:43:03.07		HZ		
	e S	19:43:29.38		HN		
PBAR	e P	19:43:04.70		HZ		
	e S	19:43:29.87		HE		
GRNL	e P	19:43:04.62		CZ		
	e S	19:43:30.49		CE		
EVO	e S	19:43:38.76		HN		
MOE	e S	19:43:39.85		HN		
PARRA	e P	19:43:13.05		HZ		
	e S	19:43:45.43		HN		
PMTG	e P	19:43:16.98		HZ		
PMRV	e P	19:43:21.08		HZ		
	e S	19:44:00.47		HN		

24-Jan Ho 21:06:55.6 ML 1.4									
Lat 37.182°N Lon 07.611°W Prof 0									
Região: NE Tavira Rms 0.4									
AxMax 2.7 AxMin 2.0 Ang 168 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PVAQ	i Pg	d 21:07:00.05		HZ					
	e Sg	21:07:03.60		H1					
	IAML	21:07:04.13		HZ	0.011	0.2			
PBDV	i Pg	c 21:07:00.19		HZ					
	e Sg	21:07:03.89		HN					
	IAML	21:07:05.49		HZ	0.029	0.4			
PCVE	e Pg	21:07:05.87		HZ					
	e Sg	21:07:14.11		HN					
	IAML	21:07:16.17		HZ	0.007	0.2			
MESJ	e P	21:07:10.18		HZ					
	e S	21:07:20.88		HE					
	IAML	21:07:24.23		HZ	0.005	0.1			
MORF	e P	21:07:10.73		HZ					
	e S	21:07:23.09		HN					
	IAML	21:07:24.34		HZ	0.017	0.1			
PTEO	e P	21:07:13.07		HZ					
	e S	21:07:26.62		HN					
PFVI	e P	21:07:12.63		HZ					
	e S	21:07:26.52		HN					
	IAML	21:07:29.00		HZ	0.008	0.1			
PLOUS	e P	21:07:14.70		HZ					
	e S	21:07:29.65		HN					
	IAML	21:07:30.60		HZ	0.004	0.3			
PBAR	e P	21:07:15.75		HZ					
	e S	21:07:29.94		HN					
GRNL	e P	21:07:17.19		CZ					
	e S	21:07:33.75		CE					
	IAML	21:07:35.55		CZ	0.004	0.2			
EVO	e P	21:07:20.72		HZ					
	e S	21:07:38.91		HN					
	IAML	21:07:40.57		HZ	0.008	0.1			
MOE	e P	21:07:22.16		HZ					
	e S	21:07:41.54		HE					
	IAML	21:07:44.26		HZ	0.004	0.1			
PARRA	e Pn	21:07:25.76		HZ					
	e Sn	21:07:47.28		HN					
PESTR	e Sn	21:07:47.04		HE					
PMTG	e Pn	21:07:27.89		HZ					
	e Sn	21:07:52.38		HE					
	e Sg	21:07:56.06		HN					
	IAML	21:07:57.47		HZ	0.004	0.5			
PMRV	e Sg	21:08:03.20		HE					
PSARD	e Sg	21:08:13.26		HE					
24-Jan Ho 21:33:53.9 ML 0.7									
Lat 38.800°N Lon 08.069°W Prof 22									
Região: NW Arraiolos Rms 0.2									
AxMax 2.5 AxMin 1.8 Ang 86 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PARRA	e Pg	21:33:57.32		HZ					
	e Sg	21:34:00.17		HN					
EVO	e Sg	21:34:04.32		HE					
PMTG	e Sg	21:34:04.89		HN					
MOE	e Pg	21:34:00.93		HZ					
PESTR	e Pg	21:34:01.85		HZ					
	e Sg	21:34:06.94		HE					
24-Jan Ho 22:57:18.2 ML 0.9									
Lat 37.310°N Lon 08.520°W Prof 9									
Região: E Monchique Rms 0.3									
AxMax 2.2 AxMin 1.5 Ang 128 ErrZ 3									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PMONC	e Pg	22:57:19.89		HZ					
	e Sg	22:57:21.24		H2					
	IAML	22:57:21.46		HZ	0.086	0.1			
MORF	e Pg	c 22:57:20.65		HZ					
	e Sg	22:57:22.75		HN					
	IAML	22:57:23.10		HZ	0.043	0.1			
PTEO	e Pg	d 22:57:23.60		HZ					
	e Sg	22:57:27.57		HN					
PFVI	e Pg	22:57:23.91		HZ					
	e Sg	22:57:27.80		HE					
	IAML	22:57:29.24		HZ	0.011	0.2			
24-Jan Ho 21:06:55.6 ML 1.4									
Lat 37.182°N Lon 07.611°W Prof 0									
Região: NE Tavira Rms 0.4									
AxMax 2.7 AxMin 2.0 Ang 168 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e Pg	22:57:27.39		HZ					
	e Sg	22:57:33.47		HE					
	IAML	22:57:36.13		HZ	0.002	0.3			
PCVE	e Pg	22:57:27.67		HZ					
	e Sg	22:57:34.80		HE					
MESJ	e Pg	22:57:29.24		HZ					
	e Sg	22:57:36.78		HN					
PVAQ	e Pg	22:57:30.02		HZ					
	e Sg	22:57:38.76		H2					
	IAML	22:57:41.62		HZ	0.003	0.1			
PLOUS	e P	22:57:31.54		HZ					
	e S	22:57:40.91		HN					
	IAML	22:57:41.49		HZ	0.003	0.5			
GRNL	e P	22:57:33.05		CZ					
	e S	22:57:42.92		CN					
	IAML	22:57:45.73		CZ	0.003	0.2			
MOE	e P	22:57:41.00		HZ					
	e S	22:57:56.50		HN					
EVO	e S	22:57:58.23		HN					
PBAR	e Pg	22:57:44.77		HZ					
	e Sg	22:58:04.42		HE					
PARRA	e Pg	22:57:46.54		HZ					
	e Sg	22:58:05.85		HE					
25-Jan Ho 01:09:28.9 ML 0.7									
Lat 36.590°N Lon 07.504°W Prof 12									
Região: Golfo de Cádiz Rms 0.2									
AxMax 6.3 AxMin 3.1 Ang 83 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e P	01:09:42.37		HZ					
	e S	01:09:52.41		HE					
PVAQ	e P	01:09:43.96		HZ					
	e S	01:09:54.91		H2					
PARRA	e P	01:10:03.99		HZ					
	e S	01:10:31.10		HN					
25-Jan Ho 03:16:47.4 ML 1.4									
Lat 36.146°N Lon 07.682°W Prof 23									
Região: Golfo de Cádiz Rms 0.4									
AxMax 10.1 AxMin 3.6 Ang 5 ErrZ 13									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBDV	e P	03:17:06.03		HZ					
	e S	03:17:19.66		HN					
PVAQ	e P	03:17:07.88		HZ					
	e S	03:17:22.81		H2					
PFVI	e P	03:17:09.34		HZ					
	e S	03:17:26.13		HN					
MORF	e P	03:17:09.40		HZ					
	e S	03:17:26.08		HE					
PCVE	e P	03:17:11.52		HZ					
	e S	03:17:29.39		HN					
PTEO	e P	03:17:12.88		HZ					
	e S	03:17:32.67		HN					
MESJ	e P	03:17:14.94		HZ					
	e S	03:17:35.55		HE					
PLOUS	e P	03:17:17.45		HZ					
	e S	03:17:40.73		HE					
GRNL	e P	03:17:19.01		CZ					
	e S	03:17:43.24		CN					
PBAR	e S	03:17:43.81		HE					
MOE	e P	03:17:24.29		HZ					
PARRA	e P	03:17:27.40		HZ					
	e S	03:17:58.13		HN					
PMTG	e P	03:17:31.70		HZ					
	e S	03:18:04.30		HN					
25-Jan Ho 04:25:10.3 ML 2.4									
Lat 40.183°N Lon 02.373°W Prof 21									
Região: NW Cuenca (ESP) Rms 0.4									
AxMax 2.6 AxMin 1.8 Ang 6 ErrZ 4									
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>			
PBRG	e Pn	04:26:03.47		HZ					
	e Sg	04:27:03.26		HE					
PMRV	e Pn	04:26:08.55		HZ					
	e Sn	04:26:52.32		HE					
	IAML	04:26:54.52		HZ	0.007	0.3			
MTE	e Pn	04:26:09.18		HZ					

PCVE	e Pn	21:52:58.83	HZ				
	e Sn	21:53:51.04	HN				
	IAML	21:54:22.70	HZ	0.004	0.8		
EVO	e Pn	21:53:00.86	HZ				
	e Sn	21:53:54.63	HN				
	IAML	21:54:22.62	HZ	0.012	0.5		
MESJ	e Pn	21:53:00.07	HZ				
	e Sn	21:53:55.75	HE				
	e Sg	21:54:23.63	HE				
	IAML	21:54:27.03	HZ	0.005	0.5		
PCBR	e Sn	21:53:56.56	EN				
	e Sg	21:54:22.33	EN				
PARRA	e Pn	21:53:01.22	HZ				
	e Sn	21:53:56.76	HN				
	e Sg	21:54:22.19	HN				
	IAML	21:54:32.38	HZ	0.005	0.8		
PLOUS	e Pn	21:53:02.79	HZ				
	e Sn	21:53:58.71	HN				
MOE	e Sn	21:53:59.81	HN				
	e Sg	21:54:25.90	HN				
	IAML	21:54:36.45	HZ	0.006	0.5		
PMTG	e Pn	21:53:04.31	HZ				
	e Sn	21:54:01.79	HE				
	e Sg	21:54:30.45	HE				
	IAML	21:54:37.36	HZ	0.008	0.5		
GRNL	e Pn	21:53:04.37	CZ				
	e Sn	21:54:03.61	CE				
MORF	e Sn	21:54:05.50	HE				
PSARD	e Pn	21:53:06.44	HZ				
	e Sn	21:54:06.41	HN				
	e Sg	21:54:35.18	HE				
	IAML	21:54:37.90	HZ	0.011	0.5		
PVIS	e Pn	21:53:12.39	HZ				
PCAS	e Pn	21:53:12.97	HZ				
	e Sn	21:54:16.77	HN				
	IAML	21:54:49.10	HZ	0.006	0.6		

26-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e S	03:34:27.12		HE		
PVAQ	e S	03:34:30.08		H1		
PARRA	e P	03:34:33.72		HZ		

26-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e S	03:35:53.65		HN		
PVAQ	e S	03:36:16.98		H2		
PARRA	e S	03:36:29.11		HE		
PMTG	e S	03:36:30.04		HN		

26-Jan	Ho 05:41:48.6	ML 1.6
	Lat 36.412°N Lon 09.691°W	Prof 18
	Região: SW Cabo S.Vicente	Rms 0.4
	AxMax 7.3 AxMin 6.4 Ang 95	ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	05:42:06.02		HZ		
	e S	05:42:19.39		HN		
MORF	e P	05:42:09.14		HZ		
	e S	05:42:24.61		HE		
PMONC	e S	05:42:26.22		H2		
PTEO	e S	05:42:28.30		HN		
PBDV	e S	05:42:34.84		HE		
PCVE	e S	05:42:38.77		HN		
MESJ	e S	05:42:40.05		HE		
PVAQ	e S	05:42:39.77		H1		
PLOUS	e S	05:42:40.43		HE		
GRNL	e S	05:42:41.31		CN		
EVO	e S	05:42:55.49		HN		
PARRA	e S	05:43:00.08		HE		
PBAR	e S	05:43:01.63		HN		
PMTG	e P	05:42:32.41		HZ		
	e S	05:43:05.06		HE		
PESTR	e S	05:43:06.97		HN		

26-Jan	Ho 06:13:38.0	Distante (NEIC)		Mw 5.3		
	Lat 17.700°S	Lon 168.090°E		Prof 47		
	Região: Vanuatu Islands					
Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e PKPab	06:33:54.23		BZ		
POLO	e PKPab	06:33:59.24		BZ		
PVRL	e PKPab	06:33:58.55		SZ		
PVIS	e PKPab	06:34:00.66		BZ		
MTE	e PKPab	06:34:01.77		BZ		
COI	e PKPab	06:34:03.90		BZ		
PCAS	e PKPab	06:34:04.25		BZ		
PESTR	e PKPab	06:34:08.72		BZ		
PARRA	e PKPab	06:34:08.72		BZ		
EVO	e PKPab	06:34:10.77		BZ		
PCVE	e PKPab	06:34:14.30		BZ		
PVAQ	e PKPab	06:34:15.39		BZ		

26-Jan	Ho 11:33:32.6	ML 1.7
	Lat 36.618°N Lon 09.808°W	Prof 17
	Região: SW Cabo S.Vicente	Rms 0.4
	AxMax 5.8 AxMin 5.6 Ang 131	ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	11:33:49.10		HZ		
	e S	11:34:01.74		HE		
	IAML	11:34:02.82		HZ	0.010	0.4
MORF	e S	11:34:07.14		HN		
	IAML	11:34:07.33		HZ	0.005	0.2
PMONC	e P	11:33:53.25		HZ		
	e S	11:34:09.03		H1		
	IAML	11:34:10.79		HZ	0.014	0.2
PTEO	e P	11:33:53.80		HZ		
	e S	11:34:10.01		HN		
	IAML	11:34:11.66		HZ	0.009	0.8
PBDV	e P	11:33:58.24		HZ		
	e S	11:34:17.99		HE		
PCVE	e P	11:34:00.54		HZ		
	e S	11:34:22.40		HN		
	IAML	11:34:24.64		HZ	0.003	0.7
MESJ	e P	11:34:00.57		HZ		
	e S	11:34:21.93		HE		
	IAML	11:34:23.23		HZ	0.004	0.8
GRNL	e P	11:34:00.95		CZ		
	e S	11:34:22.02		CE		
	IAML	11:34:27.34		CZ	0.003	0.6
PLOUS	e P	11:34:00.70		HZ		
	e S	11:34:22.07		HN		
PVAQ	e P	11:34:01.77		HZ		
	e S	11:34:23.50		H2		
	IAML	11:34:25.42		HZ	0.004	0.3
MOE	e P	11:34:07.28		HZ		
	e S	11:34:33.53		HN		
	IAML	11:34:37.35		HZ	0.004	0.7
PMAFR	e S	11:34:35.88		HE		
	IAML	11:34:43.20		HZ	0.018	0.7
EVO	e P	11:34:08.93		HZ		
	e S	11:34:36.68		HN		
PARRA	e P	11:34:12.38		HZ		
	e S	11:34:42.46		HN		
	IAML	11:34:48.45		HZ	0.002	0.6
PBAR	e P	11:34:13.95		HZ		
	e S	11:34:44.98		HN		
	IAML	11:34:45.34		HZ	0.002	0.8
PMTG	e P	11:34:14.11		HZ		
	e S	11:34:45.29		HE		
PESTR	e S	11:34:48.60		HE		
PSARD	e P	11:34:21.07		HZ		
	e S	11:34:56.90		HE		
	IAML	11:35:00.66		HZ	0.004	0.8
PMRV	e P	11:34:22.76		HZ		
	e S	11:35:00.91		HE		

26-Jan Ho 13:37:33.0 Distante (NEIC) mb 5.3
Lat 53.170°N Lon 159.990°E Prof 70
Região: Near East Coast of Kamchatka

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
POLO	e P	13:50:03.26		BZ		
PVRL	e P	13:50:03.75		SZ		
	IAMB	13:50:04.79		SZ	0.147	1.3
PTO	e P	13:50:04.13		SZ		
PVIS	e P	13:50:06.24		BZ		
MTE	e P	13:50:07.30		BZ		
	IAMB	13:50:27.64		BZ	0.093	1.3
COI	e P	13:50:08.60		BZ		
PCAS	e P	13:50:09.05		BZ		
	IAMB	13:50:27.38		BZ	0.129	1.8
PMRV	e P	13:50:12.59		BZ		
PMTG	e P	13:50:13.19		BZ		
	IAMB	13:50:18.85		BZ	0.070	1.5
PESTR	e P	13:50:13.90		BZ		
PARRA	e P	13:50:14.38		BZ		
	IAMB	13:50:17.74		BZ	0.049	1.5
EVO	e P	13:50:15.68		BZ		
	IAMB	13:50:18.44		BZ	0.129	1.6
MOE	e P	13:50:15.73		BZ		
PBAR	e P	13:50:16.93		BZ		
	IAMB	13:50:19.71		BZ	0.054	1.7
PCVE	e P	13:50:20.13		BZ		
	IAMB	13:50:22.35		BZ	0.072	1.6
PVAQ	e P	13:50:20.05		BZ		

26-Jan Ho 14:40:06.9 ML 0.8
Lat 38.512°N Lon 07.850°W Prof 14
Região: SE Evora Rms 0.3
AxMax 2.1 AxMin 1.9 Ang 81 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
EVO	e Pg	14:40:10.19		HZ		
	e Sg	14:40:12.62		HN		
	IAML	14:40:12.82		HZ	0.018	0.2
PARRA	e Pg	c 14:40:13.24		HZ		
	e Sg	14:40:18.10		HE		
	IAML	14:40:18.43		HZ	0.003	0.2
MOE	e Sg	14:40:19.71		HN		
	IAML	14:40:20.10		HZ	0.005	0.2
PESTR	e Sg	14:40:20.01		HN		
PMTG	e Pg	14:40:18.78		HZ		
	e Sg	14:40:26.80		HE		
PLOUS	e Pg	14:40:18.91		HZ		
	e Sg	14:40:27.66		HN		
GRNL	e P	14:40:20.15		CZ		
	e S	14:40:30.26		CE		
PBAR	e P	14:40:19.73		HZ		
	e S	14:40:29.53		HN		
MESJ	e S	14:40:29.74		HE		
PMRV	e P	14:40:25.00		HZ		
	e S	14:40:37.59		HE		
PVAQ	e S	14:40:41.14		H2		

26-Jan Ho 14:53:53.0 ML 0.8
Lat 38.729°N Lon 07.906°W Prof 11
Região: E Arraiolos Rms 0.3
AxMax 1.9 AxMin 1.9 Ang 120 ErrZ 3

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PARRA	e Pg	d 14:53:56.25		HZ		
	i Sg	14:53:59.04		HE		
	IAML	14:53:59.18		HZ	0.004	0.2
EVO	e Pg	14:53:57.26		HZ		
	e Sg	14:54:00.70		HE		
	IAML	14:54:00.88		HZ	0.011	0.3
PESTR	e Pg	14:53:58.29		HZ		
	e Sg	14:54:02.41		HN		
	IAML	14:54:02.95		HZ	0.002	0.2
MOE	e Pg	14:54:00.43		HZ		
	e Sg	14:54:05.77		HN		
PMTG	e Pg	14:54:00.68		HZ		
	e Sg	14:54:06.63		HN		
	IAML	14:54:08.06		HZ	0.003	0.7
PLOUS	e P	14:54:07.58		HZ		
	e S	14:54:18.32		HN		
PMRV	e P	14:54:07.45		HZ		

GRNL	e P	14:54:07.62		CZ		
	e S	14:54:18.81		CN		
PBAR	e P	14:54:08.22		HZ		
	e S	14:54:20.79		HN		
PSARD	e S	14:54:21.21		HN		
	IAML	14:54:22.45		HZ	0.004	0.3
PVAQ	e S	14:54:33.57		H2		

26-Jan Ho 15:18:55.2 ML 0.9
Lat 37.316°N Lon 08.555°W Prof 16
Região: NE Monchique Rms 0.3
AxMax 1.9 AxMin 1.3 Ang 127 ErrZ 4

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MORF	e Pg	15:18:58.23		HZ		
	e Sg	15:19:00.45		HN		
	IAML	15:19:00.96		HZ	0.005	0.4
PTEO	e Pg	15:19:00.67		HZ		
	e Sg	15:19:04.81		HN		
PFVI	e Pg	15:19:00.63		HZ		
	e Sg	15:19:04.74		HN		
	IAML	15:19:05.38		HZ	0.008	0.1
PBDV	e Sg	15:19:11.71		HE		
PCVE	e Pg	15:19:04.94		HZ		
	e Sg	15:19:11.71		HE		
	IAML	15:19:12.93		HZ	0.003	0.7
MESJ	e Pg	15:19:06.26		HZ		
	e Sg	15:19:14.45		HN		
PVAQ	e Pg	15:19:07.42		HZ		
	e Sg	15:19:16.30		H2		
	IAML	15:19:17.43		HZ	0.003	0.2
PLOUS	e Pg	15:19:08.47		HZ		
	e Sg	15:19:17.74		HN		
	IAML	15:19:19.21		HZ	0.004	0.9
GRNL	e P	15:19:09.77		CZ		
	e S	15:19:19.92		CE		
	IAML	15:19:20.30		CZ	0.004	0.3
PBAR	e S	15:19:37.93		HE		
PARRA	e Sg	15:19:43.52		HE		
PMTG	e Sg	15:19:50.00		HE		

26-Jan Ho 15:30:17.4 ML 1.6
Lat 36.765°N Lon 04.312°W Prof 57
Região: NE Malaga (ESP) Rms 0.5
AxMax 3.1 AxMin 2.5 Ang 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>
PBAR	e P	15:30:57.55		HZ		
	e S	15:31:24.92		HE		
	IAML	15:31:31.18		HZ	0.002	0.5
PVAQ	e P	15:30:59.70		HZ		
	e S	15:31:30.25		H2		
PBDV	e S	15:31:33.68		HE		
MESJ	e P	15:31:06.92		HZ		
	e S	15:31:43.31		HE		
PLOUS	e P	15:31:09.56		HZ		
PARRA	e P	15:31:11.12		HZ		
	e S	15:31:48.63		HE		
GRNL	e P	15:31:11.75		CZ		
	e S	15:31:51.52		CN		
PMTG	e S	15:31:56.47		HE		

26-Jan Ho 18:02:16.7 ML 1.9
Lat 36.622°N Lon 11.064°W Prof 10*
Região: Gorrinxe Rms 0.4
AxMax 8.7 AxMin 7.2 Ang 119 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	18:02:46.89		HZ		
	e S	18:03:09.44		HE		
GRNL	e S	18:03:24.85		CN		
PLOUS	e P	18:02:55.37		HZ		
	e S	18:03:25.96		HN		
PCVE	e S	18:03:27.45		HE		
PVAQ	e P	18:03:00.32		HZ		
	e S	18:03:31.87		H1		
PARRA	e P	18:03:05.68		HZ		
	e S	18:03:42.44		HE		
PMTG	e P	18:03:06.81		HZ		
	e S	18:03:44.04		HN		
PBAR	e S	18:03:49.23		HN		

26-Jan Ho 18:27:58.7 ML 1.3
Lat 41.951°N Lon 08.107°W Prof 1*
Região: SE Melgaço Rms 0.5
AxMax 3.7 AxMin 2.2 Ang 82 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	i Pg	c 18:28:00.64		HZ		
	e Sg	18:28:02.53		HE		
	IAML	18:28:02.88		HZ	0.045	0.2
PCAB	e Sg	18:28:07.34		EN		
	IAML	18:28:07.56		EZ	0.029	0.3
POLO	e Pg	18:28:10.73		HZ		
	e Sg	18:28:18.94		HE		

26-Jan Ho 21:22:39.0 Distante (NEIC) mb 5.0
Lat 07.430°S Lon 156.010°E Prof 35
Região: Solomon Islands

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVIS	e PKP	21:42:09.68		BZ		
PMRV	e PKP	21:42:11.83		BZ		
PSARD	e PKP	21:42:12.64		BZ		
PESTR	e PKP	21:42:13.01		BZ		
PMTG	e PKP	21:42:13.48		BZ		
PARRA	e PKP	21:42:13.58		BZ		
PBAR	e PKP	21:42:15.09		BZ		
MOE	e PKP	21:42:16.02		BZ		
GRNL	e PKP	21:42:15.84		BZ		
PLOUS	e PKP	21:42:17.15		BZ		
MESJ	e PKP	21:42:17.74		BZ		
PCVE	e PKP	21:42:17.10		BZ		
PTEO	e PKP	21:42:20.73		BZ		

26-Jan Ho 22:50:17.6 ML 2.0
Lat 36.441°N Lon 07.761°W Prof 21
Região: Golfo de Cádiz Rms 0.3
AxMax 3.2 AxMin 2.8 Ang 60 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	22:50:32.35		HZ		
	e S	22:50:43.27		HE		
	IAML	22:50:45.78		HZ	0.023	0.3
PVAQ	e P	22:50:34.48		HZ		
	e S	22:50:46.87		H2		
	IAML	22:50:47.68		HZ	0.021	0.3
PFVI	e P	22:50:35.99		HZ		
	e S	22:50:50.29		HE		
	IAML	22:50:53.02		HZ	0.019	0.5
MORF	e P	22:50:36.27		HZ		
	e S	22:50:51.73		HN		
	IAML	22:50:55.11		HZ	0.028	0.1
PCVE	e P	22:50:38.21		HZ		
	e S	22:50:53.09		HE		
	IAML	22:50:53.74		HZ	0.016	0.4
PTEO	e P	22:50:39.71		HZ		
	e S	22:50:56.27		HN		
	IAML	22:51:07.83		HZ	0.019	0.8
MESJ	e P	22:50:41.56		HZ		
	e S	22:50:58.39		HN		
	IAML	22:51:09.91		HZ	0.012	0.5
PLOUS	e P	22:50:44.17		HZ		
	e S	22:51:03.86		HN		
	IAML	22:51:14.08		HZ	0.011	0.3
GRNL	e P	22:50:45.75		CZ		
	e S	22:51:06.67		CE		
	IAML	22:51:16.69		CZ	0.012	0.2
PBAR	e P	22:50:46.38		HZ		
	e S	22:51:07.72		HE		
	IAML	22:51:24.30		HZ	0.004	0.2
EVO	e S	22:51:15.14		HN		
MOE	e P	22:50:50.93		HZ		
	e S	22:51:14.92		HE		
	IAML	22:51:35.71		HZ	0.009	0.8
PARRA	e P	22:50:54.04		HZ		
	e S	22:51:20.83		HE		
	IAML	22:51:23.82		HZ	0.005	0.2
PESTR	e S	22:51:22.31		HN		
	IAML	22:51:38.09		HZ	0.003	0.6

PMTG	e P	22:50:57.62		HZ		
	e S	22:51:27.56		HN		
	IAML	22:51:48.35		HZ	0.005	0.8
PMAFR	e S	22:51:31.09		HE		
PMRV	e P	22:51:02.52		HZ		
	e S	22:51:37.17		HE		
PSARD	e P	22:51:05.78		HZ		
	e S	22:51:40.95		HN		
	IAML	22:51:43.57		HZ	0.006	0.2

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e Sg	23:11:47.39		HN		
PMTG	e P	23:11:47.92		HZ		
	e S	23:11:57.20		HN		
	IAML	23:11:58.22		HZ	0.007	0.8
PARRA	e P	23:11:51.60		HZ		
	e S	23:12:03.57		HE		
	IAML	23:12:04.45		HZ	0.006	0.6
PSARD	e S	23:12:00.69		HE		
MOE	e S	23:12:03.73		HE		
PCAS	e S	23:12:04.45		HE		
PESTR	e S	23:12:11.96		HE		

27-Jan Ho 00:42:31.1 ML 1.6
Lat 38.405°N Lon 09.632°W Prof 7
Região: SW Cascais Rms 0.1
AxMax 10.3 AxMin 2.2 Ang 62 ErrZ 5

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PMAFR	e Pg	00:42:42.35		HZ		
GRNL	e S	00:42:59.14		CE		
PLOUS	e S	00:43:03.69		HN		
PMTG	e P	00:42:53.84		HZ		
	e S	00:43:10.65		HN		
PARRA	e P	00:42:54.03		HZ		
	e S	00:43:11.60		HN		
	IAML	00:43:13.16		HZ	0.010	0.6
PESTR	e P	00:42:57.45		HZ		
	e S	00:43:21.65		HN		

27-Jan Ho 01:02:30.0 Distante (NEIC) Mw 4.8
Lat 34.490°N Lon 45.520°E Prof 10
Região: Iran-Iraq Border Region

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBRG	e P	01:10:18.12		BZ		
PBAR	e P	01:10:21.37		BZ		
PMRV	e P	01:10:20.67		BZ		
PESTR	e P	01:10:22.07		BZ		
PSARD	e P	01:10:25.90		BZ		
COI	e P	01:10:27.66		BZ		
PCVE	e P	01:10:28.54		BZ		

27-Jan Ho 03:19:08.2 ML 0.4
Lat 38.633°N Lon 07.903°W Prof 12
Região: N Evora Rms 0.3
AxMax 3.3 AxMin 3.0 Ang 113 ErrZ 9

Est	Fase	P h:m:s	Dur	Co	Amp	Per
EVO	e Sg	03:19:13.37		HE		
PARRA	e Pg	03:19:12.90		HZ		
	e Sg	03:19:15.75		HN		
	IAML	03:19:15.79		HZ	0.002	0.1
PESTR	e Pg	03:19:14.92		HZ		
	e Sg	03:19:19.19		HE		
PMTG	e Pg	03:19:17.56		HZ		
	e Sg	03:19:24.08		HE		
PMRV	e P	03:19:23.91		HZ		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	03:27:30.16		HZ		
	e Sg	03:27:31.86		HN		
PESTR	e Pg	03:27:32.48		HZ		
	e Sg	03:27:38.55		HN		
EVO	e Sg	03:27:36.72		HN		

27-Jan	Ho	07:26:13.4				ML 1.9		
	Lat	42.528°N	Lon	08.658°W	Prof	6		
	Região: N Pontevedra (ESP)					Rms	0.3	
	AxMax	3.3	AxMin	3.2	Ang	81	ErrZ	5
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PGAV	e Pg		07:26:25.03		HZ			
	e Sg		07:26:33.50		HE			
	IAML		07:26:34.44		HZ	0.026	0.2	
PCAB	e P		07:26:31.93		EZ			
	e S		07:26:44.47		EE			
	IAML		07:26:46.12		EZ	0.016	0.2	
POLO	e P		07:26:38.26		HZ			
	e S		07:26:54.88		HE			
	IAML		07:26:56.09		HZ	0.009	0.7	
27-Jan	Ho	07:57:33.3				ML 1.3		
	Lat	36.425°N	Lon	07.792°W	Prof	15		
	Região: Golfo de Cádiz					Rms	0.3	
	AxMax	8.0	AxMin	6.3	Ang	104	ErrZ	4
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PBDV	e S		07:57:58.85		HN			
PVAQ	e P		07:57:51.27		HZ			
	e S		07:58:04.27		H2			
PCVE	e P		07:57:54.33		HZ			
	e S		07:58:10.15		HN			
GRNL	e P		07:58:01.70		CZ			
	e S		07:58:23.42		CN			
PBAR	e S		07:58:24.43		HE			
PARRA	e P		07:58:10.21		HZ			
	e S		07:58:38.55		HE			
PMTG	e S		07:58:45.77		HE			
27-Jan	Ho	10:17:53.4				ML 0.4		
	Lat	38.725°N	Lon	07.899°W	Prof	15		
	Região: E Arraiolos					Rms	0.2	
	AxMax	2.4	AxMin	1.1	Ang	127	ErrZ	4
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PARRA	e Pg		10:17:56.95		HZ			
	e Sg		10:17:59.71		HE			
EVO	e Pg		10:17:57.78		HZ			
	e Sg		10:18:01.39		HE			
PESTR	e Pg		10:17:58.96		HZ			
	e Sg		10:18:03.36		HN			
MOE	e Pg		10:18:01.19		HZ			
	e Sg		10:18:06.91		HE			
PMTG	e Pg		10:18:00.12		HZ			
PMRV	e P		10:18:08.30		HZ			
	e S		10:18:18.59		HE			
27-Jan	Ho	16:27:47.8				ML 1.6		
	Lat	32.470°N	Lon	17.087°W	Prof	8*		
	Região: S Ribeira Brava (Madeira)					Rms	0.3	
	AxMax	6.7	AxMin	4.6	Ang	16	ErrZ	0
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
FUL	e P	d	16:27:51.97		EZ			
	e S		16:27:55.27		EE			
	IAML		16:27:56.16		EZ	0.116	0.2	
PMAR	e P		16:27:52.47		HZ			
	e S		16:27:56.03		H1			
	IAML		16:28:00.61		HZ	0.050	0.2	
PMOZ	e P		16:27:53.76		HZ			
	e S		16:27:58.42		HE			
	IAML		16:28:03.03		HZ	0.057	0.4	
PMPST	e P		16:28:00.72		HZ			
	e S		16:28:10.36		HE			
28-Jan	Ho	03:04:33.3				ML 1.6		
	Lat	36.600°N	Lon	07.500°W	Prof	18		
	Região: Golfo de Cádiz					Rms	0.4	
	AxMax	5.4	AxMin	2.7	Ang	44	ErrZ	4
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PBDV	e P		03:04:46.81		HZ			
	e S		03:04:56.56		HE			
	IAML		03:04:57.62		HZ	0.003	0.1	
PVAQ	e P		03:04:48.39		HZ			
	e S		03:04:59.28		H1			
	IAML		03:05:00.32		HZ	0.014	0.3	
28-Jan	Ho	03:04:52.65				ML 1.3		
	Lat	36.026°N	Lon	08.495°W	Prof	37*		
	Região: SW Albufeira					Rms	0.3	
	AxMax	5.6	AxMin	2.2	Ang	77	ErrZ	0
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PCVE	e P		03:04:52.65		HZ			
	e S		03:05:06.38		HN			
IAML			03:05:07.89		HZ	0.004	0.3	
	e Sn		03:05:12.37		HE			
PTEO	e Sn		03:05:12.78		HE			
MESJ	e Pn		03:05:00.00		HZ			
PBAR	e Sg		03:05:22.73		HN			
	e Sn		03:05:19.10		HE			
PLOUS	e Sn		03:05:23.12		CE			
GRNL	e Sn		03:05:26.73		HN			
	IAML		03:05:30.80		HZ	0.008	0.5	
EVO	e Sn		03:05:29.99		HE			
MOE	e Pn		03:05:08.40		HZ			
PARRA	e Sn		03:05:34.04		HE			
PESTR	e Pn		03:05:08.64		HZ			
	e Sn		03:05:34.51		HN			
PMTG	e Sn		03:05:41.79		HN			
	e Pn		03:05:15.74		HZ			
PMRV	e Sn		03:05:47.58		HN			
PSARD	e Sn		03:05:54.03		HN			
28-Jan	Ho	04:32:31.1				ML 1.3		
	Lat	36.026°N	Lon	08.495°W	Prof	37*		
	Região: SW Albufeira					Rms	0.3	
	AxMax	5.6	AxMin	2.2	Ang	77	ErrZ	0
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PFVI	e P		04:32:49.06		HZ			
	e S		04:33:03.37		HE			
MORF	e P		04:32:51.06		HZ			
	e S		04:33:06.73		HE			
PVAQ	e P		04:32:55.08		HZ			
	e S		04:33:11.77		H2			
PCVE	e P		04:32:56.69		HZ			
	e S		04:33:15.06		HE			
MESJ	e P		04:32:59.21		HZ			
	e S		04:33:19.95		HN			
PLOUS	e P		04:33:01.92		HZ			
	e S		04:33:25.36		HE			
GRNL	e P		04:33:02.56		CZ			
	e S		04:33:25.77		CN			
PBAR	e S		04:33:34.56		HN			
MOE	e P		04:33:07.92		HZ			
EVO	e S		04:33:36.53		HN			
PARRA	e P		04:33:12.09		HZ			
PMTG	e S		04:33:43.55		HN			
	e P		04:33:16.17		HZ			
PMRV	e S		04:33:48.62		HE			
	e P		04:33:21.94		HZ			
28-Jan	Ho	05:09:29.0		Distante (NEIC)		Mw 4.9		
	Lat	14.380°S	Lon	76.320°W	Prof	14		
	Região: Near Coast of Peru							
	AxMax	3.4	AxMin	3.2	Ang	67	ErrZ	5
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PCVE	e P		05:21:52.30		BZ			
	e P		05:21:54.39		BZ			
PMTG	e P		05:21:53.73		BZ			
PCAS	e P		05:21:55.14		BZ			
PSARD	e P		05:21:55.81		BZ			
COI	e P		05:21:56.42		BZ			
PBAR	e P		05:21:56.90		BZ			
PVIS	e P		05:21:58.78		BZ			
28-Jan	Ho	05:57:26.2				ML 1.8		
	Lat	35.730°N	Lon	04.691°W	Prof	76		
	Região: Alboran					Rms	0.3	
	AxMax	3.4	AxMin	3.2	Ang	67	ErrZ	5
Est	Fase	P	h:m:s	Dur	Co	Amp	Per	
PVAQ	e P		05:58:10.92		HZ			
	e S		05:58:44.15		H2			
PBDV	e P		05:58:11.49		HZ			
	e S		05:58:45.80		HE			
PBAR	e S		05:58:46.63		HE			
PCVE	e P		05:58:15.36		HZ			
PLOUS	e S		05:58:51.70		HE			
	e S		05:59:03.68		HN			
EVO	e S		05:59:05.60		HN			
PESTR	e S		05:59:06.16		HN			

29-Jan Ho 00:49:02.8 ML 0.6 Lat 37.264°N Lon 08.467°W Prof 18 Região: NW Silves Rms 0.3 AxMax 2.2 AxMin 1.5 Ang 141 ErrZ 3							29-Jan Ho 04:11:21.0 Distante (NEIC) mb 4.8 Lat 11.370°S Lon 74.760°W Prof 98 Região: Central Peru						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMONC	e Pg	00:49:06.29		HZ			PLOUS	e P	04:23:15.35		BZ		
	e Sg	00:49:09.00		H1			PCVE	e P	04:23:16.96		BZ		
	IAML	00:49:09.97		HZ	0.009	0.4	PSARD	e P	04:23:20.13		BZ		
MORF	e Pg	00:49:06.89		HZ				Iamb	04:23:25.46		BZ	0.059	1.7
	e Sg	00:49:09.65		HN			PESTR	e P	04:23:20.35		BZ		
	IAML	00:49:10.55		HZ	0.013	0.1	PTO	e P	04:23:22.34		SZ		
PFVI	e Pg	00:49:09.18		HZ			29-Jan						
	e Sg	00:49:13.81		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>
PBDV	e Pg	00:49:11.09		HZ			PMAR	e P	d 04:28:45.09		HZ		
	e Sg	00:49:17.28		HE				IAML	04:28:55.06		HZ	0.086	0.2
PCVE	e Pg	00:49:12.59		HZ			PMPST	e P	04:28:48.28		HZ		
	e Sg	00:49:19.57		HE				e S	04:28:57.43		HN		
MESJ	e Sg	00:49:22.59		HN			PMOZ	e P	04:28:48.90		HZ		
PVAQ	e Pg	00:49:14.17		HZ				e S	04:28:54.82		HN		
	e Sg	00:49:22.39		H1				IAML	04:29:01.75		HZ	0.087	0.5
	IAML	00:49:23.62		HZ	0.001	0.3	FUL	e S	04:28:49.38		EN		
PLOUS	e Sg	00:49:26.80		HE				IAML	04:28:55.95		EZ	0.070	0.2
GRNL	e P	00:49:18.74		CZ			29-Jan						
	e S	00:49:29.51		CE			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MOE	e S	00:49:42.65		HN			PVAQ	e P	07:45:43.62		HZ		
PARRA	e Sn	00:49:47.77		HE				e S	07:46:26.84		H2		
	e Sg	00:49:52.06		HE			29-Jan Ho 09:41:07.6 ML 1.9						
29-Jan Ho 01:32:59.0 Distante (NEIC) Mw 5.6							Lat 35.831°N Lon 04.817°W Prof 49						
Região: South Atlantic Ocean							Região: Alboran						
<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>AxMax 3.3 AxMin 2.6 Ang 88</i>	<i>Rms 0.4</i>	<i>ErrZ 19</i>				
PMOZ	e LR	02:19:06.11		LZ			<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
	IAMs_20	02:22:39.33		LZ	0.735	18	PVAQ	e P	09:41:50.08		HZ		
PVAQ	e LR	02:21:18.97		LZ				e S	09:42:21.51		H2		
	IAMs_20	02:26:47.67		LZ	0.553	18		IAML	09:42:23.02		HZ	0.010	0.6
PMRV	e LR	02:23:30.95		LZ			PBDV	e S	09:42:22.95		HE		
	IAMs_20	02:27:51.51		LZ	0.945	20	PBAR	e P	09:41:52.03		HZ		
MTE	e LR	02:23:55.86		LZ				e S	09:42:23.69		HE		
	IAMs_20	02:27:09.21		LZ	0.887	20		IAML	09:42:26.43		HZ	0.002	0.4
MVO	e LR	02:24:20.77		LZ			PCVE	e S	09:42:30.19		HN		
	IAMs_20	02:28:50.44		LZ	0.688	20	PLOUS	e S	09:42:41.07		HE		
PGAV	e LR	02:23:39.17		LZ			PESTR	e S	09:42:43.96		HN		
	IAMs_20	02:25:55.44		LZ	0.468	20	GRNL	e S	09:42:43.96		CN		
29-Jan							PARRA	e P	09:42:06.01		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	09:42:47.65		HE		
PMRV	e Sn	01:53:07.42		HN			PMTG	e S	09:42:54.71		HN		
	e Sg	01:53:21.21		HN			29-Jan Ho 14:37:32.1 ML 0.7						
PBAR	e Sn	01:53:10.98		HN			Lat 38.732°N Lon 07.924°W Prof 16						
	e Sg	01:53:30.71		HN			Região: E Arraiolos						
29-Jan Ho 01:57:26.6 ML 0.6							AxMax 3.7 AxMin 3.1 Ang 46						
Lat 36.750°N Lon 07.306°W Prof 6*							Rms 0.4						
Região: Golfo de Cádiz							ErrZ 11						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBDV	e Pg	01:57:39.55		HZ			PARRA	e Pg	14:37:35.56		HZ		
	e Sg	01:57:48.65		HE				e Sg	14:37:38.32		HE		
PVAQ	e P	01:57:39.82		HZ				IAML	14:37:38.40		HZ	0.003	0.1
	e S	01:57:49.43		H1			PESTR	e Pg	14:37:37.60		HZ		
	IAML	01:57:50.71		HZ	0.001	0.2		e Sg	14:37:41.94		HE		
PCVE	e P	01:57:45.63		HZ			MOE	e Pg	14:37:39.60		HZ		
	e S	01:58:00.56		HE				e Sg	14:37:44.75		HE		
PFVI	e S	01:58:06.38		HE			PMTG	e Sg	14:37:46.12		HN		
PBAR	e P	01:57:53.25		HZ			PBAR	e P	14:37:48.00		HZ		
PARRA	e S	01:58:24.55		HE				e S	14:38:00.98		HE		
29-Jan							29-Jan Ho 16:02:36.1 ML 0.9						
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>	Lat 38.418°N Lon 08.106°W Prof 11						
FUL	e P	03:23:25.36		EZ			Região: NW Viana do Alentejo						
	e S	03:23:38.84		EE			AxMax 1.5 AxMin 0.7 Ang 108						
	IAML	03:23:41.50		EZ	0.121	0.2	Rms 0.1						
PMAR	e S	03:23:38.71		H2			<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	03:23:48.23		HZ	0.052	0.3	EVO	e Pg	16:02:39.27		HZ		
PMOZ	e S	03:23:39.93		HE				e Sg	16:02:41.51		HN		
PMPST	e S	03:23:42.02		HN				IAML	16:02:41.63		HZ	0.045	0.3
							MOE	e Pg	16:02:40.57		HZ		
								e Sg	16:02:44.15		HE		
							PARRA	e Pg	16:02:43.69		HZ		
								e Sg	16:02:49.23		HE		

PLOUS	e Pg	16:02:44.61	HZ		
	e Sg	16:02:51.13	HE		
PMTG	e Sg	16:02:57.26	HE		

29-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	21:39:32.77		HZ		
	e S	21:40:15.82		H2		
PBAR	e P	21:39:33.31		HZ		
	e S	21:40:15.63		HE		
	IAML	21:40:19.11		HZ	0.005	0.8
PARRA	e P	21:39:46.59		HZ		
	e S	21:40:39.90		HN		

29-Jan	Ho	23:33:07.9	ML 1.8
	Lat	36.478°N	Lon 09.754°W
	Região:	SW Cabo S.Vicente	Prof 19
	AxMax	5.2 AxMin 4.5	Rms 0.4
	Ang	69	ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e P	23:33:26.08		HZ		
	e S	23:33:38.19		HN		
MORF	e P	23:33:27.65		HZ		
	e S	23:33:43.29		HE		
PTEO	e P	23:33:30.08		HZ		
	e S	23:33:46.92		HN		
PBDV	e P	23:33:34.27		HZ		
	e S	23:33:53.93		HN		
PCVE	e P	23:33:36.52		HZ		
	e S	23:33:58.03		HN		
MESJ	e P	23:33:36.50		HZ		
	e S	23:33:58.50		HE		
PVAQ	e P	23:33:37.25		HZ		
	e S	23:33:59.40		H2		
GRNL	e P	23:33:37.90		CZ		
	e S	23:33:59.55		CE		
PLOUS	e P	23:33:37.58		HZ		
	e S	23:33:59.14		HE		
MOE	e P	23:33:43.82		HZ		
	e S	23:34:11.01		HE		
EVO	e P	23:33:45.02		HZ		
	e S	23:34:13.65		HE		
	IAML	23:34:15.39		HZ	0.011	0.1
PARRA	e P	23:33:48.52		HZ		
	e S	23:34:19.22		HN		
PBAR	e P	23:33:49.80		HZ		
	e S	23:34:21.14		HE		
PMTG	e P	23:33:50.62		HZ		
	e S	23:34:22.74		HN		
PESTR	e P	23:33:51.91		HZ		
	e S	23:34:25.63		HE		
PSARD	e P	23:33:57.64		HZ		
	e S	23:34:34.83		HN		
PMRV	e P	23:33:59.33		HZ		
	e S	23:34:37.92		HN		

30-Jan	Ho	02:11:31.9	ML 1.0
	Lat	38.724°N	Lon 07.885°W
	Região:	E Arraiolos	Prof 11
	AxMax	1.9 AxMin 1.4	Rms 0.3
	Ang	102	ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	02:11:35.42		HZ		
	e Sg	02:11:38.19		HE		
	IAML	02:11:38.30		HZ	0.010	0.1
EVO	i Pg	02:11:36.41		HZ		
	e Sg	02:11:39.81		HE		
	IAML	02:11:40.10		HZ	0.036	0.1
PESTR	e Pg	02:11:37.40		HZ		
	e Sg	02:11:41.54		HN		
	IAML	02:11:41.90		HZ	0.004	0.1
MOE	e Pg	02:11:39.38		HZ		
	e Sg	02:11:44.88		HN		
	IAML	02:11:45.33		HZ	0.010	0.2
PMTG	e Pg	02:11:39.89		HZ		
	e Sg	02:11:45.77		HN		
	IAML	02:11:46.07		HZ	0.004	0.1
PMRV	e P	02:11:46.53		HZ		
	e S	02:11:56.95		HE		

PLOUS	e P	02:11:46.84	HZ		
	e S	02:11:57.43	HN		
GRNL	e P	02:11:46.82	CZ		
	e S	02:11:57.67	CE		
PBAR	e P	02:11:47.35	HZ		
	e S	02:11:59.40	HE		
	IAML	02:12:02.02	HZ	0.002	0.1
PSARD	e S	02:12:00.38	HN		
	IAML	02:12:01.59	HZ	0.007	0.2
MESJ	e P	02:11:48.80	HZ		
	e S	02:12:00.54	HN		
PCVE	e P	02:11:52.04	HZ		
	e S	02:12:05.55	HE		
PVAQ	e S	02:12:12.53	H2		
PBDV	e S	02:12:17.28	HE		

30-Jan	Ho	04:40:08.0	Distante (NEIC)	Mw 5.2
	Lat	62.960°N	Lon 156.320°W	Prof 10
	Região:	Central Alaska		

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVRL	e P	04:51:41.00		SZ		
	IAMB	04:51:44.69		SZ	0.134	1.8
PVIS	e P	04:51:44.74		BZ		
MTE	e P	04:51:45.71		BZ		
PCAS	e P	04:51:46.31		BZ		
	IAMB	04:51:49.21		BZ	0.242	1.8
PMTG	e P	04:51:53.08		BZ		
PARRA	e P	04:51:52.53		BZ		
	IAMB	04:52:08.58		BZ	0.082	1.7
PESTR	e P	04:51:54.18		BZ		
MOE	e P	04:51:55.62		BZ		
	IAMB	04:51:58.09		BZ	0.119	1.9
PLOUS	e P	04:51:59.05		BZ		
	IAMB	04:52:01.67		BZ	0.106	2.0
PBAR	e P	04:51:59.40		BZ		
	IAMB	04:52:01.77		BZ	0.116	1.6

30-Jan	Ho	06:37:50.4	ML 2.3
	Lat	34.778°N	Lon 05.676°W
	Região:	SW Tetuan (MARR)	Prof 19
	AxMax	5.2 AxMin 1.6	Rms 0.3
	Ang	78	ErrZ 6

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	06:38:36.69		HZ		
	e S	06:39:11.70		HE		
PVAQ	e P	06:38:37.24		HZ		
	e S	06:39:12.61		H1		
	IAML	06:39:14.65		HZ	0.006	0.5
PBAR	e P	06:38:43.81		HZ		
	e S	06:39:22.89		HE		
MESJ	e P	06:38:45.20		HZ		
	e S	06:39:26.67		HE		
PLOUS	e P	06:38:48.71		HZ		
GRNL	e P	06:38:50.38		CZ		
	e S	06:39:35.98		CN		
EVO	e S	06:39:39.11		HN		
MOE	e S	06:39:42.47		HN		
PESTR	e P	06:38:56.11		HZ		
	e S	06:39:43.56		HN		
PARRA	e P	06:38:56.04		HZ		
	e S	06:39:45.65		HE		
PMTG	e P	06:39:00.00		HZ		
	e S	06:39:52.65		HN		
PMRV	e P	06:39:02.46		HZ		
PSARD	e P	06:39:07.04		HZ		

30-Jan	Ho	15:36:14.3	ML 2.0
	Lat	36.085°N	Lon 10.197°W
	Região:	Gorringe	Prof 10*
	AxMax	6.3 AxMin 3.9	Rms 0.3
	Ang	102	ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PFVI	e S	15:36:58.89		HE		
PTEO	e P	15:36:44.69		HZ		
	e S	15:37:07.59		HN		
PBDV	e P	15:36:49.10		HZ		
	e S	15:37:14.17		HN		
PCVE	e P	15:36:50.70		HZ		
MESJ	e P	15:36:51.06		HZ		

EVO	e P	03:41:04.36	HZ			
	S	03:41:24.61	HN			
PBAR	e P	03:41:06.86	HZ			
	S	03:41:26.41	HN			
PARRA	e P	03:41:07.92	HZ			
	S	03:41:31.29	HN			
PESTR	S	03:41:34.38	HN			
PMAFR	e P	03:41:11.71	HZ			
	S	03:41:35.89	HN			
PMTG	e P	03:41:11.38	HZ			
	S	03:41:35.83	HN			
PMRV	e P	03:41:18.05	HZ			
	S	03:41:49.11	HN			
PSARD	e P	03:41:18.74	HZ			
	S	03:41:50.32	HN			
	IAML	03:41:51.69	HZ	0.004	0.1	

31-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	04:19:43.69		HZ		
	e Sg	04:19:46.80		HE		

31-Jan Ho 05:10:17.9 ML 0.6
Lat 38.493°N Lon 08.343°W Prof 4*
Região: SW Montemor-o-Novo Rms 0.4
AxMax 2.4 AxMin 1.2 Ang 95 ErrZ 0

Est	Fase	P h:m:s	Dur	Co	Amp	Per
MOE	e Pg	05:10:18.92		HZ		
	e Sg	05:10:20.34		HN		
	IAML	05:10:20.72		HZ	0.016	0.2
EVO	e Pg	05:10:22.50		HZ		
	e Sg	05:10:26.40		HE		
	IAML	05:10:27.09		HZ	0.012	0.2
PARRA	e Pg	05:10:24.76		HZ		
	e Sg	05:10:30.31		HE		
GRNL	e Pg	05:10:25.81		CZ		
	e Sg	05:10:30.69		CE		
PLOUS	e Pg	05:10:26.73		HZ		
	e Sg	05:10:32.46		HE		
PMTG	e Pg	05:10:28.23		HZ		
	e Sg	05:10:35.78		HN		
PESTR	e P	05:10:31.20		HZ		
PMAFR	e P	05:10:33.72		HZ		
	e S	05:10:46.12		HE		
PCVE	e P	05:10:34.09		HZ		
	e S	05:10:46.05		HE		
PTEO	e S	05:10:49.72		HN		
PBAR	e P	05:10:38.42		HZ		
	e S	05:10:52.66		HN		
PSARD	e P	05:10:38.38		HZ		
	e S	05:10:53.09		HN		
PMRV	e P	05:10:39.56		HZ		
	e S	05:10:55.42		HE		
PVAQ	e P	05:10:39.83		HZ		
	e S	05:10:55.40		H1		

31-Jan Ho 05:59:51.9 ML 1.0
Lat 36.751°N Lon 07.649°W Prof 25
Região: Golfo de Cádiz Rms 0.2
AxMax 6.4 AxMin 4.0 Ang 81 ErrZ 3

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PBDV	e P	06:00:02.25		HZ		
	e S	06:00:10.25		HN		
PVAQ	e P	06:00:03.91		HZ		
	e S	06:00:12.97		H2		
PCVE	e P	06:00:08.04		HZ		
	e S	06:00:19.95		HN		

31-Jan Ho 06:55:05.7 ML 2.2
Lat 35.420°N Lon 03.610°W Prof 18
Região: NE Al Hoceima (MARR) Rms 0.5
AxMax 6.4 AxMin 4.9 Ang 131 ErrZ 10

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PVAQ	e P	06:56:03.20		HZ		
	e S	06:56:46.13		H1		
PBAR	e P	06:56:04.44		HZ		
	e S	06:56:47.29		HE		

PBDV	e P	06:56:04.30	HZ			
	e S	06:56:49.09	HN			
PCVE	e P	06:56:08.57	HZ			
	e S	06:56:53.55	HN			
MESJ	e P	06:56:11.19	HZ			
PLOUS	e P	06:56:15.17	HZ			
	e S	06:57:08.37	HE			
EVO	e P	06:56:15.46	HZ			
GRNL	e P	06:56:16.52	CZ			
PARRA	e P	06:56:18.53	HZ			
MOE	e P	06:56:19.08	HZ			
PMRV	e P	06:56:19.80	HZ			
PMTG	e P	06:56:22.13	HZ			
PSARD	e P	06:56:26.95	HZ			
	e S	06:57:26.50	HN			

31-Jan

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	07:10:34.68		HZ		
	e Sg	07:10:37.47		HE		
MOE	e Pg	07:10:38.94		HZ		
	e Sg	07:10:44.56		HE		
PESTR	e Sg	07:10:40.92		HN		
PMTG	e Sg	07:10:45.29		HN		

31-Jan Ho 07:58:19.6 ML 0.7
Lat 38.699°N Lon 07.836°W Prof 12
Região: E Arraiolos Rms 0.3
AxMax 2.0 AxMin 1.1 Ang 95 ErrZ 4

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PARRA	e Pg	07:58:23.74		HZ		
	e Sg	07:58:27.11		HE		
	IAML	07:58:27.39		HZ	0.002	0.1
EVO	i Pg	07:58:24.12		HZ		
	e Sg	07:58:27.73		HN		
	IAML	07:58:27.95		HZ	0.024	0.1
PESTR	e Pg	07:58:24.64		HZ		
	e Sg	07:58:28.72		HE		
	IAML	07:58:29.27		HZ	0.002	0.1
MOE	e Pg	07:58:27.50		HZ		
	e Sg	07:58:33.65		HE		
	IAML	07:58:34.00		HZ	0.003	0.2
PMTG	e Pg	07:58:28.44		HZ		
	e Sg	07:58:34.80		HN		
PMRV	e P	07:58:34.04		HZ		
	e S	07:58:45.43		HE		
PLOUS	e P	07:58:34.31		HZ		
	e S	07:58:44.88		HE		
PBAR	e P	07:58:34.33		HZ		
	e S	07:58:44.55		HE		
GRNL	e P	07:58:34.55		CZ		
	e S	07:58:45.81		CN		
MESJ	e P	07:58:35.95		HZ		
	e S	07:58:48.31		HE		
PSARD	e S	07:58:48.84		HE		
PCVE	e S	07:58:53.63		HE		
PVAQ	e S	07:58:59.13		H2		

31-Jan Ho 08:27:39.0 ML 1.5
Lat 42.421°N Lon 08.102°W Prof 15
Região: NW Ourense (ESP) Rms 0.4
AxMax 4.8 AxMin 2.3 Ang 82 ErrZ 6

Est	Fase	P h:m:s	Dur	Co	Amp	Per
PGAV	e Pg	08:27:47.83		HZ		
	e Sg	08:27:54.32		HN		
	IAML	08:27:55.07		HZ	0.012	0.1
PCAB	e P	08:27:51.98		EZ		
	e S	08:28:01.51		EE		
	IAML	08:28:02.84		EZ	0.023	0.1
POLO	e P	08:27:59.65		HZ		
	e S	08:28:12.52		HE		
PBRG	e P	08:27:59.05		HZ		
	e S	08:28:14.67		HN		
	IAML	08:28:15.75		HZ	0.002	0.2
MVO	e Pn	08:28:04.22		HZ		
	e Pg	08:28:06.72		HZ		
	e Sg	08:28:25.45		HE		
PVIS	e Sg	08:28:32.38		HE		

31-Jan Ho 08:28:34.0 ML 0.9
Lat 42.427°N Lon 08.119°W Prof 14
Região: NW Ourense (ESP) Rms 0.4
AxMax 5.1 AxMin 3.0 Ang 86 ErrZ 8

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PGAV	e Pg	08:28:42.67		HZ		
	e Sg	08:28:49.05		HN		
PCAB	e Pg	08:28:46.44		EZ		
	e Sg	08:28:55.12		EE		
	IAML	08:28:57.82		EZ	0.006	0.3
POLO	e P	08:28:54.25		HZ		
	e S	08:29:08.47		HN		

31-Jan Ho 09:04:53.0 Distante (IPMA) Mw 5.6
Lat 00.340°N Lon 25.110°W Prof 10
Região: Central Mid-Atlantic Ridge

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e PP	09:12:43.53		LZ		
	e S	09:16:55.29		LN		
	e LR	09:19:58.74		LZ		
	IAMs_20	09:21:54.80		LZ	2.490	20
PFVI	e P	09:12:19.85		BZ		
	e PP	09:13:51.48		BZ		
MORF	e P	09:12:22.69		BZ		
	e PP	09:13:53.97		BZ		
PTEO	e P	09:12:24.43		BZ		
	e PP	09:13:56.42		BZ		
PBDV	e P	09:12:23.76		BZ		
	e PP	09:13:56.46		BZ		
PVAQ	e P	09:12:28.32		BZ		
	IAMB	09:12:38.65		BZ	0.104	1.7
	e PP	09:13:59.26		BZ		
	e S	09:18:44.55		L1		
	e LQ	09:21:17.61		L2		
	e LR	09:23:26.25		LZ		
	IAMs_20	09:27:03.61		LZ	1.935	20
PCVE	e P	09:12:28.77		BZ		
	e PP	09:13:59.96		BZ		
MESJ	e P	09:12:29.29		BZ		
	IAMB	09:12:37.88		BZ	0.086	1.8
	e PP	09:14:00.69		BZ		
PLOUS	e P	09:12:29.37		BZ		
	e PP	09:14:02.77		BZ		
GRNL	e P	09:12:30.70		BZ		
	e PP	09:14:03.10		BZ		
MOE	e P	09:12:32.55		BZ		
	e PP	09:14:08.41		BZ		
PMAFR	e P	09:12:33.24		BZ		
	e PP	09:14:08.75		BZ		
EVO	e P	09:12:32.57		BZ		
	IAMB	09:12:44.32		BZ	0.150	1.7
	e PP	09:14:09.14		BZ		
PBAR	e P	09:12:34.33		BZ		
	e PP	09:14:09.84		BZ		
PARRA	e P	09:12:35.72		BZ		
	IAMB	09:12:50.11		BZ	0.052	1.6
	e PP	09:14:12.64		BZ		
PMTG	e P	09:12:36.08		BZ		
	e PP	09:14:14.06		BZ		
PESTR	e P	09:12:36.80		BZ		
	IAMB	09:12:52.01		BZ	0.045	1.7
	e PP	09:14:13.72		BZ		
PSARD	e P	09:12:40.64		BZ		
	IAMB	09:12:52.00		BZ	0.063	1.4
	e PP	09:14:18.26		BZ		
PMRV	e P	09:12:40.65		BZ		
	IAMB	09:12:48.24		BZ	0.067	1.3
	e PP	09:14:19.33		BZ		
	e S	09:19:09.57		LN		
	e LQ	09:22:11.45		LE		
	e LR	09:24:28.24		LZ		
	IAMs_20	09:27:46.54		LZ	1.513	20
PCAS	e P	09:12:42.75		BZ		
	e PP	09:14:22.14		BZ		

MTE	e P	09:12:48.07		BZ		
	e PP	09:14:29.21		BZ		
	e S	09:19:19.46		LN		
	e LQ	09:22:26.55		LE		
	e LR	09:24:43.16		LZ		
	IAMs_20	09:30:40.96		LZ	1.435	18
PVIS	e P	09:12:49.80		BZ		
	e PP	09:14:32.01		BZ		
POLO	e P	09:12:55.79		BZ		
MVO	e P	09:12:57.21		BZ		
	IAMB	09:13:22.71		BZ	0.055	1.7
	e PP	09:14:36.26		BZ		
	e S	09:19:30.61		LN		
	e LQ	09:22:30.17		LE		
	e LR	09:25:06.02		LZ		
	IAMs_20	09:24:25.13		LZ	1.125	16
PGAV	e P	09:12:58.25		BZ		
	IAMB	09:13:11.04		BZ	0.072	1.7
	e PP	09:14:40.81		BZ		
	e S	09:19:36.08		LN		
	e LQ	09:22:32.64		LE		
	e LR	09:25:11.16		LZ		
	IAMs_20	09:31:11.44		LZ	1.731	20
PBRG	e P	09:12:59.69		BZ		
	e PP	09:14:43.30		BZ		

31-Jan Ho 10:20:44.0 ML 0.3
Lat 38.813°N Lon 08.474°W Prof 3*
Região: N Vendas Novas Rms 0.3
AxMax 5.0 AxMin 1.8 Ang 101 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
MOE	e Pg	10:20:49.17		HZ		
	e Sg	10:20:53.59		HN		
PMTG	e Pg	10:20:49.74		HZ		
	e Sg	10:20:54.29		HN		
PARRA	e Pg	10:20:50.16		HZ		
	e Sg	10:20:55.17		HN		
PESTR	e S	10:21:05.92		HN		
PMRV	e P	10:21:03.83		HZ		
	e S	10:21:16.95		HN		

31-Jan Ho 10:30:56.6 ML 1.1
Lat 38.158°N Lon 08.296°W Prof 2*
Região: NW Ferreira do Alentejo Rms 0.3
AxMax 1.7 AxMin 0.9 Ang 97 ErrZ 0

<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PLOUS	e Pg	10:30:59.51		HZ		
	e Sg	10:31:01.75		HN		
	IAML	10:31:02.28		HZ	0.012	0.1
GRNL	i Pg	c 10:31:00.37		CZ		
	e Sg	10:31:03.24		CN		
	IAML	10:31:03.67		CZ	0.019	0.1
MESJ	e Pg	10:31:02.40		HZ		
	e Sg	10:31:06.67		HN		
	IAML	10:31:07.61		HZ	0.006	0.2
MOE	e Pg	10:31:03.29		HZ		
	e Sg	10:31:08.32		HN		
	IAML	10:31:09.70		HZ	0.006	0.1
EVO	e Pg	10:31:04.81		HZ		
	e Sg	10:31:10.15		HE		
PCVE	e Pg	10:31:06.59		HZ		
	e Sg	10:31:14.43		HN		
PARRA	e Pg	10:31:09.40		HZ		
	e Sg	10:31:18.73		HN		
	IAML	10:31:21.28		HZ	0.002	0.1
PTEO	e P	10:31:09.64		HZ		
	e S	10:31:18.80		HN		
PVAQ	e P	10:31:12.91		HZ		
	e S	10:31:24.37		H2		
MORF	e P	10:31:13.49		HZ		
	e S	10:31:25.21		HN		
	IAML	10:31:27.04		HZ	0.005	0.1
PESTR	e P	10:31:12.56		HZ		
	e S	10:31:25.55		HE		
PMTG	e P	10:31:13.72		HZ		
	e S	10:31:25.36		HN		
	IAML	10:31:27.04		HZ	0.004	0.1

PBDV	e S	10:31:27.32	HE			
PBAR	e P	10:31:15.12	HZ			
	e S	10:31:28.06	HE			
	IAML	10:31:30.70	HZ	0.003	0.1	
PFVI	e S	10:31:31.84	HN			
PMAFR	e S	10:31:32.44	HN			
PMRV	e Pn	10:31:22.86	HZ			
	e Sn	10:31:41.79	HN			

31-Jan	Ho	11:03:42.0	Distante (NEIC)	mb	5.8	
	Lat	03.180°N	Lon	97.030°E	Prof	69
	Região: Northern Sumatra, 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>
MVO	e Pdif	11:17:15.40		BZ		
	IAMs_20	12:06:55.97		LZ	0.458	20
MTE	e Pdif	11:17:17.39		BZ		
	e S	11:28:38.80		LN		
	IAMs_20	12:07:19.10		LZ	0.436	20
PBAR	e Pdif	11:17:18.21		BZ		
PCAB	e Pdif	11:17:18.08		SZ		
PMRV	IAMs_20	12:07:16.13		LZ	0.376	20
PVAQ	e LQ	11:59:26.00		L1		
	e LR	12:02:25.37		LZ		
	IAMs_20	12:05:55.14		LZ	0.567	22
PBDV	e Pdif	11:17:21.32		BZ		
PMOZ	IAMs_20	12:07:37.75		LZ	0.388	20

31-Jan	Ho	12:04:10.0	Distante (NEIC)	Mw	5.4	
	Lat	10.490°S	Lon	163.320°E	Prof	10
	Região: Solomon Islands					
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PBRG	e PKP	12:23:57.91		BZ		
PGAV	e PKP	12:24:03.74		BZ		
PCAB	e PKP	12:23:57.97		SZ		
POLO	e PKP	12:23:59.71		BZ		
MVO	e PKP	12:23:58.66		BZ		
PVRL	e PKP	12:23:58.83		SZ		
PTO	e PKP	12:23:58.87		SZ		
PVIS	e PKP	12:24:00.30		BZ		
MTE	e PKP	12:24:00.26		BZ		
PMRV	e PKP	12:24:02.90		BZ		
PSARD	e PKP	12:24:02.68		BZ		
PMTG	e PKP	12:24:03.87		BZ		
PESTR	e PKP	12:24:02.15		BZ		
PARRA	e PKP	12:24:04.71		BZ		
EVO	e PKP	12:24:04.73		BZ		
MOE	e PKP	12:24:02.72		BZ		
PBAR	e PKP	12:24:05.67		BZ		
PLOUS	e PKP	12:24:09.90		BZ		
MESJ	e PKP	12:24:04.26		BZ		
PCVE	e PKP	12:24:06.64		BZ		
PVAQ	e PKP	12:24:08.14		BZ		
PBDV	e PKP	12:24:08.29		BZ		

31-Jan	Ho	14:52:30.8	Lat	37.307°N	Lon	07.810°W	ML	0.8
							Prof	1*
	Região: NE S.Brás de Alportel						Rms	0.4
	AxMax	3.3	AxMin	1.7	Ang	143	ErrZ	0
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PBDV	i Pg	14:52:32.74		HZ				
	e Sg	14:52:34.42		HN				
	IAML	14:52:35.12		HZ	0.015	0.2		
PVAQ	e Pg	14:52:33.12		HZ				
	e Sg	14:52:35.27		H2				
	IAML	14:52:35.69		HZ	0.016	0.8		
PCVE	i Pg	14:52:37.20		HZ				
	e Sg	14:52:41.42		HE				
MESJ	e Pg	14:52:41.56		HZ				
	e Sg	14:52:50.71		HE				
MORF	e Pg	14:52:43.55		HZ				
	e Sg	14:52:52.04		HE				
	IAML	14:52:56.05		HZ	0.003	0.2		
PTEO	e S	14:52:56.89		HN				
PFVI	e P	14:52:45.81		HZ				
	e S	14:52:57.51		HN				
GRNL	e P	14:52:49.05		CZ				
	e S	14:53:02.58		CE				

PBAR	e P	14:52:50.64	HZ			
	e S	14:53:03.73	HN			
MOE	e P	14:52:54.55	HZ			
PARRA	e Pn	14:52:59.08	HZ			
	e Sn	14:53:17.61	HE			

31-Jan	Ho	16:54:39.8	Lat	36.575°N	Lon	11.287°W	ML	2.1
							Prof	27
	Região: Gorringe						Rms	0.4
	AxMax	10.0	AxMin	4.6	Ang	73	ErrZ	15
<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	16:55:10.49		HZ				
	e S	16:55:33.44		HE				
	IAML	16:55:35.61		HZ	0.010	0.4		
MORF	e P	16:55:13.23		HZ				
	e S	16:55:38.34		HN				
	IAML	16:55:40.87		HZ	0.008	0.3		
PTEO	e S	16:55:39.42		HE				
PMONC	e S	16:55:41.46		H1				
	IAML	16:55:44.43		HZ	0.019	0.2		
GRNL	e P	16:55:19.37		CZ				
	e S	16:55:48.41		CE				
	IAML	16:55:52.43		CZ	0.005	0.2		
PLOUS	e P	16:55:19.31		HZ				
	e S	16:55:50.28		HN				
	IAML	16:55:55.84		HZ	0.004	0.3		
MESJ	e P	16:55:20.55		HZ				
	e S	16:55:50.86		HE				
PBDV	e P	16:55:20.92		HZ				
	e S	16:55:52.99		HN				
PCVE	e P	16:55:21.02		HZ				
	e S	16:55:52.05		HN				
PMAFR	e P	16:55:21.81		HZ				
	e S	16:55:53.27		HE				
PVAQ	e P	16:55:23.57		HZ				
	e S	16:55:56.25		H2				
	IAML	16:56:03.07		HZ	0.004	0.1		
MOE	e P	16:55:23.95		HZ				
	e S	16:55:57.37		HN				
	IAML	16:56:02.15		HZ	0.006	0.2		
EVO	e P	16:55:28.35		HZ				
	e S	16:56:02.71		HE				
	IAML	16:56:07.05		HZ	0.014	0.1		
PARRA	e P	16:55:29.09		HZ				
	e S	16:56:07.02		HN				
	IAML	16:56:09.03		HZ	0.002	0.2		
PMTG	e P	16:55:30.16		HZ				
	e S	16:56:08.05		HN				
PESTR	e P	16:55:34.79		HZ				
	e S	16:56:14.46		HE				
	IAML	16:56:30.20		HZ	0.002	0.6		
PBAR	e P	16:55:34.24		HZ				
	e S	16:56:15.27		HE				
PSARD	e P	16:55:36.44		HZ				
	e S	16:56:18.57		HN				
	IAML	16:56:21.35		HZ	0.007	0.2		
PCAS	e P	16:55:38.25		HZ				
	e S	16:56:23.14		HE				
PMRV	e P	16:55:39.90		HZ				
	e S	16:56:25.42		HN				
PVIS	e S	16:56:42.39		HN				
POLO	e S	16:56:56.58		HN				
PGAV	e P	16:56:03.06		HZ				
	e S	16:57:04.73		HE				

31-Jan	Ho	17:25:16.0	Lat	36.630°N	Lon	09.781°W	ML	1.3
							Prof	17
	Região: SW Cabo S.Vicente						Rms	0.4
	AxMax	7.8	AxMin	6.1	Ang	117	ErrZ	4
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>		
PFVI	e P	17:25:31.87		HZ				
	e S	17:25:44.46		HN				
PCVE	e S	17:26:04.28		HE				
MESJ	e P	17:25:43.53		HZ				
	e S	17:26:04.19		HE				
GRNL	e S	17:26:05.33		CN				
PLOUS	e S	17:26:05.16		HN				

PVAQ	e P	17:25:44.59	HZ
	e S	17:26:06.51	H1
MOE	e P	17:25:50.68	HZ
	e S	17:26:16.03	HN
PARRA	e S	17:26:24.79	HN
PBAR	e S	17:26:28.45	HN
PMTG	e S	17:26:28.07	HN
PSARD	e S	17:26:37.85	HN
PMRV	e S	17:26:44.25	HN

31-Jan Ho 20:14:41.4						
		Lat 36.636°N	Lon 09.699°W	Prof 35*		
		Região: SW Cabo S.Vicente			Rms 0.2	
		AxMax 4.9	AxMin 3.3	Ang 98	ErrZ 0	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PFVI	e P	20:14:55.89		HZ		
	e S	20:15:06.76		HN		
MORF	e P	20:14:58.95		HZ		
	e S	20:15:11.02		HN		
PTEO	e S	20:15:15.06		HN		
PBDV	e P	20:15:05.53		HZ		
	e S	20:15:23.26		HE		
PCVE	e P	20:15:06.84		HZ		
	e S	20:15:27.39		HN		
GRNL	e S	20:15:28.14		CN		
PLOUS	e S	20:15:27.65		HE		
PVAQ	e P	20:15:08.45		HZ		
	e S	20:15:28.67		H2		
PARRA	e S	20:15:46.60		HE		

31-Jan Ho 20:29:20.6						
		Lat 35.495°N	Lon 03.641°W	ML 1.9		
		Região: NE Al Hoceima (MARR)			Rms 0.5	
		AxMax 3.2	AxMin 2.7	Ang 35	ErrZ 5	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PVAQ	e P	20:30:17.08		HZ		
	e S	20:30:58.96		H1		
	IAML	20:31:04.08		HZ	0.002	0.3
PBAR	e P	20:30:17.38		HZ		
	e S	20:30:59.61		HE		
PBDV	e P	20:30:18.51		HZ		
	e S	20:31:00.98		HE		
MESJ	e P	20:30:25.82		HZ		
	e S	20:31:12.50		HN		
MORF	e S	20:31:13.47		HN		
PFVI	e S	20:31:16.93		HE		
PTEO	e S	20:31:18.51		HE		
PLOUS	e P	20:30:27.95		HZ		
	e S	20:31:18.88		HN		
PESTR	e S	20:31:18.78		HE		
EVO	e S	20:31:19.01		HE		
GRNL	e P	20:30:29.92		CZ		
	e S	20:31:21.22		CE		
PARRA	e P	20:30:33.01		HZ		
	e S	20:31:23.74		HN		
MOE	e P	20:30:33.14		HZ		
	e S	20:31:24.63		HN		
PMRV	e P	20:30:33.25		HZ		
PMTG	e P	20:30:35.83		HZ		
PSARD	e P	20:30:40.65		HZ		

31-Jan Ho 23:02:28.0						
		Lat 00.870°S	Lon 78.090°W	Mw 5.5		
		Região: Ecuador			Prof 8	
<i>Est</i>	<i>Fase</i>	<i>P h:m:s</i>	<i>Dur</i>	<i>Co</i>	<i>Amp</i>	<i>Per</i>
PMOZ	e LR	23:33:51.08		LZ		
	IAMs_20	23:38:34.65		LZ	0.652	22
MORF	e P	23:14:07.36		BZ		
	IAMB	23:14:15.99		BZ	0.083	1.6

PTEO	i -	23:14:14.14	BZ
GRNL	e P	23:14:08.42	BZ
PLOUS	e P	23:14:09.26	BZ
	IAMB	23:14:20.56	BZ 0.039 1.9
MESJ	e P	23:14:07.36	BZ
MOE	e P	23:14:10.12	BZ
PBDV	e P	23:14:12.05	BZ
	IAMB	23:14:17.51	BZ 0.040 2.1
PCVE	e P	23:14:10.77	BZ
PMTG	e P	23:14:10.91	BZ
	IAMB	23:14:22.86	BZ 0.029 1.6
PVAQ	e S	23:23:50.92	LZ
	e LR	23:37:56.61	LZ
	IAMs_20	23:44:47.44	LZ 0.793 20
EVO	e P	23:14:09.14	BZ
	IAMB	23:14:23.70	BZ 0.078 1.6
PCAS	e P	23:14:11.26	BZ
	IAMB	23:14:17.52	BZ 0.048 1.3
PARRA	e P	23:14:11.93	BZ
	IAMB	23:14:24.26	BZ 0.032 1.8
PSARD	e P	23:14:11.78	BZ
	IAMB	23:14:18.37	BZ 0.041 1.8
PTO	e P	23:14:12.64	SZ
	IAMB	23:14:15.52	SZ 0.047 1.6
PESTR	e P	23:14:12.99	BZ
	IAMB	23:14:20.37	BZ 0.054 1.3
PVIS	e P	23:14:14.93	BZ
PGAV	e P	23:14:14.28	BZ
	e S	23:24:06.05	LN
	e LR	23:38:34.81	LZ
	IAMs_20	23:42:42.93	LZ 1.501 22
PBAR	e P	23:14:16.14	BZ
	IAMB	23:14:21.90	BZ 0.023 1.8
PMRV	e P	23:14:15.28	BZ
	e S	23:23:59.48	LE
	e LR	23:38:12.98	LZ
	IAMs_20	23:43:48.12	LZ 0.648 20
PCAB	e P	23:14:16.53	SZ
MTE	e P	23:14:15.79	BZ
	IAMB	23:14:21.44	BZ 0.028 1.3
	e S	23:24:02.73	LN
	e LQ	23:34:01.99	LN
	e LR	23:37:35.56	LZ
	IAMs_20	23:42:44.76	LZ 0.612 24
POLO	e P	23:14:17.14	BZ
	IAMB	23:14:26.12	BZ 0.041 1.3
PVRL	e P	23:14:16.07	SZ
	IAMB	23:14:28.10	SZ 0.039 1.5
MVO	e P	23:14:17.99	BZ
	IAMB	23:14:28.04	BZ 0.039 1.5
	e LR	23:37:03.32	LZ
	IAMs_20	23:43:16.35	LZ 0.971 24
PBRG	e P	23:14:19.36	BZ

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

CARTA DE EPICENTROS - Zona Ibérica e Atlântica Adjacente Janeiro 2025

