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PARA LAS POLITICAS
DEL AGUA Y EL MEDIO AMBIENTE



INSTITUTO GEOGRÁFICO NACIONAL

**BOLETIN
DE SISMOS PROXIMOS
1989**

MADRID, 1992

MOPT



**INSTITUTO GEOGRÁFICO
NACIONAL**

**BOLETIN DE SISMOS
PROXIMOS
1.989**

**SERVICIO NACIONAL DE SISMOLOGIA
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INTRODUCCIÓN

El INSTITUTO GEOGRÁFICO NACIONAL presenta con esta publicación la actividad sísmica localizada por la **Red Sísmica Nacional** durante el año de 1.989 en la Península Ibérica, áreas próximas y Archipiélago Canario.

Durante este año la estación sísmica de Jimena de la Frontera (EJIM) ha sido cambiada de emplazamiento (EJIF), se ha instalado una nueva estación de corto período y componente vertical en la isla de El Hierro (CHIE) transmitiéndose la señal vía teléfono al Centro de Recepción de Datos (CRD) de Santa Cruz de Tenerife. Así mismo se ha procedido al cambio en la instrumentación de la estación de La Palma (TBT), transmitiéndose la señal al CRD vía teléfono. La señal sísmica de la estación de Las Mesas-Tenerife (CTFE) es transmitida a partir de este año al CRD vía radio. Así mismo se han instalado nuevos equipos de registro analógico sobre papel termosensible y un reloj autocomparado con señal procedente del satélite GOES en el Centro de Recepción de Datos de la Red Sísmica Nacional en el Archipiélago Canario ubicado en Santa Cruz de Tenerife.

El registro de la estación sísmica instalada en el Observatorio de Logroño (LGR) venía siendo desde hace años perturbado por el ruido cultural que la proximidad a la ciudad provocaba, por lo que en este año ha sido sustituida por la estación telemétrica vía teléfono de Cripán en la provincia de Alava.

En el presente boletín están recogidos todos los sismos registrados por las estaciones de la Red Sísmica Nacional, con epicentro comprendido entre los paralelos 34°N-44°N y los meridianos 18°W-6°E, y ha sido posible su localización.

Se incluye un apartado referente a la sismicidad en las Islas Canarias. En él, están incluidos los sismos con epicentro comprendido entre los paralelos 27°N-30°N y los meridianos 19°W-13°W.

Con el fin de precisar al máximo posible la localización, así como para la realización del cálculo del mecanismo focal, se han utilizado los datos de estaciones sísmicas dependientes de otros organismos españoles -*Hidroeléctrica de Cataluña, Observatorio del Ebro, Real Academia de Ciencias y Artes de Barcelona, Real Instituto y Observatorio de la Armada, SECEG, Servicio Geológico de Cataluña, Universidad de Granada*- y los suministrados por organismos extranjeros -*C.R.A.A.G. (Argelia), Institut de Physique de Globe de París (Francia), Laboratoire de Détection et de Géophysique (Francia), Service de Physique du Globe (Marruecos), Instituto Nacional de Meteorología e Geofísica (Portugal)*.

La información macrosísmica ha sido recopilada mediante el envío y posterior evaluación, en la escala M.S.K. de cuestionarios de información, que con la colaboración de Ayuntamientos y Puestos de la Guardia Civil son distribuidos a la población posiblemente afectada en caso de terremoto sentido. Estas encuestas se confirman con visitas a la zona por el personal de este Servicio cuando la importancia del sismo así lo requiere.

Los datos macrosísmicos en la parte francesa de los Pirineos han sido recogidos gracias a la colaboración de *Mr. Pierre Stahl*.

Las determinaciones hipocentrales han sido realizadas mediante el programa de cálculo HYPO71 de **W.H.K. Lee y J.C. Lahr (1975)**, utilizando los modelos estratificados de corteza y la relación V_p/V_s que se muestran en la figura 1.

Para el cálculo de la magnitud se utiliza la medida de la amplitud y frecuencia en el máximo sostenido de la fase **Lg**, obteniéndose $m_b(Lg)$ de acuerdo con las expresiones siguientes:

$$m_b(Lg) = 3.90 + 1.05 \log(D^\circ) + \text{Log}(A/T) \quad \text{Para } D^\circ < 3^\circ$$

$$m_b(Lg) = 3.30 + 1.66 \log(D^\circ) + \text{Log}(A/T) \quad \text{Para } D^\circ > 3^\circ$$

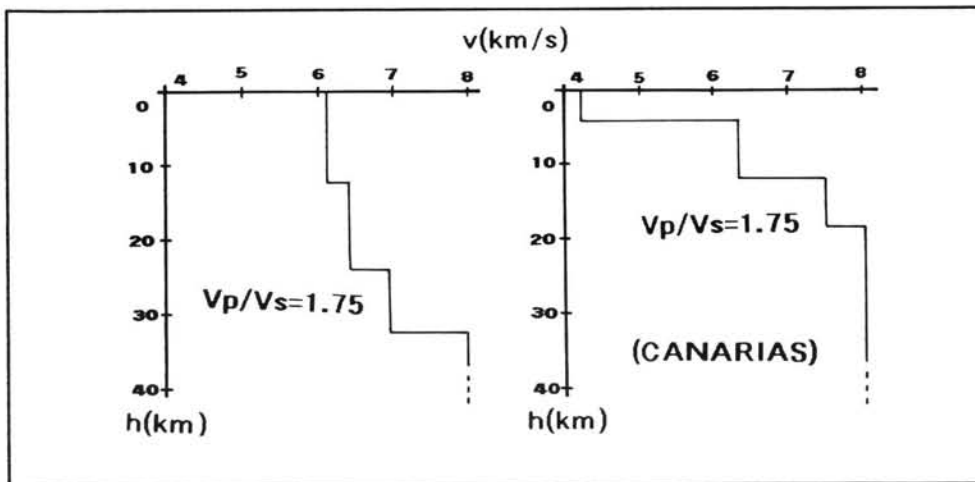


Figura 1: Modelos de corteza empleados en el cálculo de los sismos mediante el programa HYPO71.

Siendo D° la distancia epicentral expresada en grados y A/T el cociente entre la amplitud máxima de la fase **Lg** y su período correspondiente.

En el caso de los sismos de Canarias, la magnitud m_d , ha sido determinada en función de la duración del registro del sismo, de acuerdo con la expresión:

$$m_d = -0.87 + 2 \log(T) + 0.0035D$$

Siendo T la duración en segundos y D la distancia epicentral en kilómetros.

Para la determinación de los mecanismos focales, se ha utilizado el método numérico basado en el algoritmo de **Brillinger et al (1980)** que permite estimar la orientación de los ejes y planos de falla así como sus desviaciones típicas (**Udias y Buforn, 1988**).

Durante este año tres terremotos de magnitud mayor que 5.0 han ocurrido dentro del área de este boletín.

El primero, el 9 de Mayo entre las Islas de Gran Canaria y Tenerife fue ampliamente sentido, (intensidad máxima V), causando alarma en la población. Este terremoto fue seguido de una serie numerosa de réplicas, alguna de las cuales fueron también sentidas. Su estudio ha permitido obtener un gran avance en cuanto al conocimiento de la sismotectónica de la región (**Mezcua et al 1990, 1991**).

El segundo sismo ocurrió el 26 de octubre, con epicentro el mar, al Nor-este de Cherchell (Argelia), alcanzando una magnitud de 5.7 y una intensidad máxima de VIII.

El último de los citados se produjo el 20 de Diciembre en Ayamonte (Huelva). Este sismo fue sentido con una intensidad de VI en la zona epicentral, causando ligeros daños. Se han obtenido también registros de aceleración para este terremoto (**Carreño et al 1991**).

Se han producido dos series sísmicas con gran cantidad de eventos de pequeña magnitud. La primera durante los días 4 al 10 de Junio, en las proximidades de Palenciana (Córdoba), esta formada por 118 sismos localizados sin tener ninguno una gran magnitud. La obtención de datos digitales ha permitido aplicar un método de localización relativa a la serie. La otra serie compuesta por 21 terremotos localizados en El Gastor (Málaga) ocurrió entre los días 16 y 24 de Junio.

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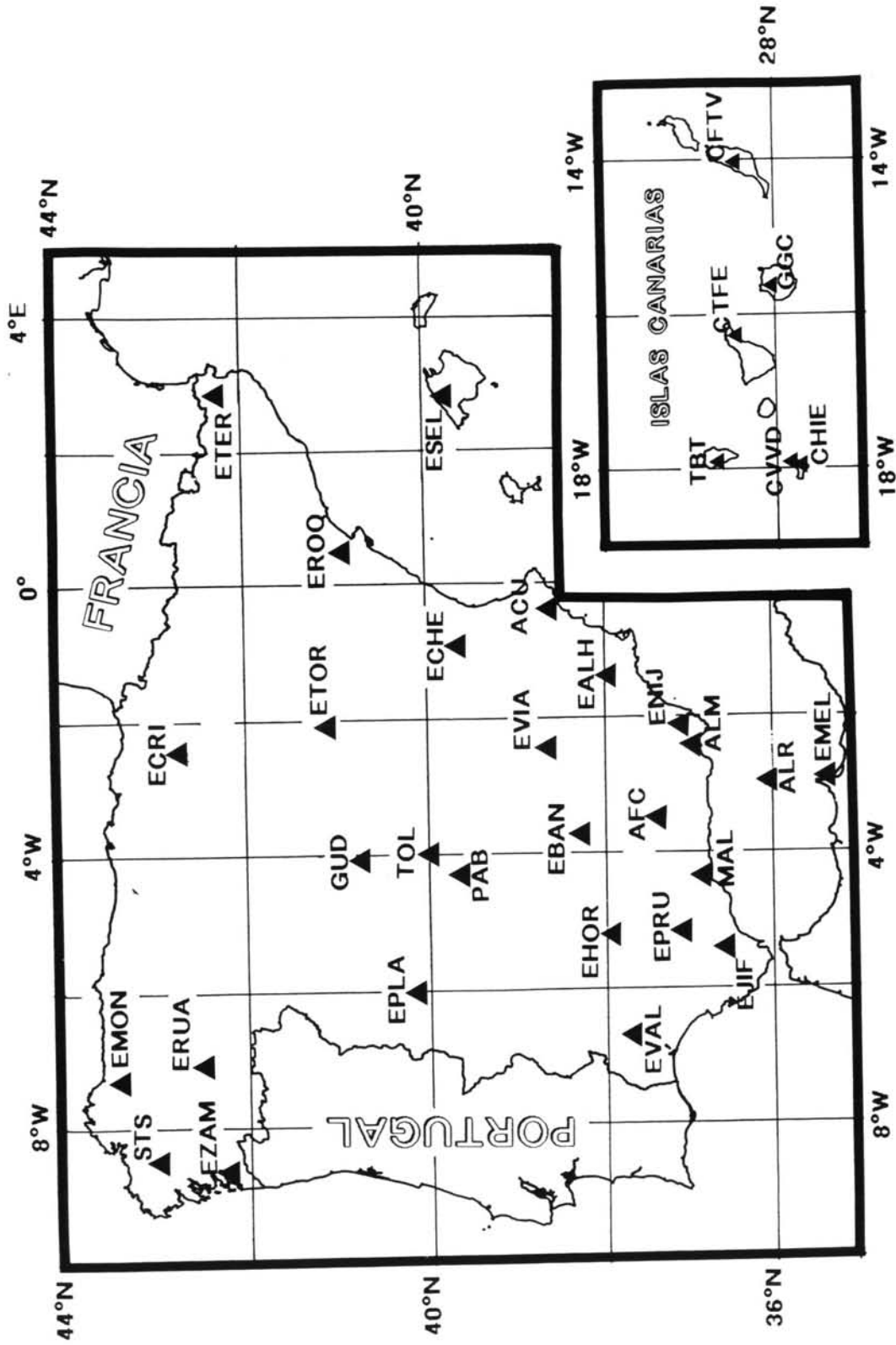
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Madrid, Febrero de 1.992

ESTACIONES SÍSMICAS DEL INSTITUTO GEOGRÁFICO NACIONAL

ESTACION	CODIGO	LONGITUD	LATITUD	ALT (m)	Comp.	T ₀	REGISTRO
AGUIRIJO-EL HIERRO ALBORAN ALFACAR-GRANADA ALHAMA-MURCIA ALMERIA	CVVD	17° 56' 10" W	27° 49' 15" N	450	Z	1	Tinta 60 mm/'
	ALR	03° 02' 06" W	35° 56' 21" N	10	ZNE	1	Tinta 60 mm/'
	AFC	03° 32' 42" W	37° 15' 16" N	1.490	Z	1	Térmico 60 mm/' - Digital
	EALH	01° 25' 11" W	37° 51' 29" N	294	Z	1	Térmico 60 mm/' - Digital
	ALM	02° 27' 35" W	36° 51' 09" N	65	ZNE	1.3	Tinta 60 mm/'
BAÑOS-JAEN BETANCURIA-FUENTEVENTURA CANALOBRE-ALICANTE CHERA-VALENCIA CRIPAN-ALAVA	EBAN	03° 47' 08" W	38° 09' 52" N	460	Z	1	Térmico 60 mm/' - Digital
	CFTV	14° 05' 00" W	28° 24' 50" N	580	Z	1	Térmico 60 mm/'
	ACU	00° 24' 38" W	38° 30' 41" N	580	Z	1	Térmico 60 mm/' - Digital
	ECH	00° 58' 04" W	39° 35' 27" N	643	Z	1	Térmico 60 mm/' - Digital
	ECRI	02° 30' 36" W	42° 36' 32" N	807	Z	1	Térmico 60 mm/' - Digital
GUADARRAMA-MADRID GUIA-GRAN CANARIA HORNACHUELOS-CORDOBA JIMENA-CADIZ LA RUA-ORENSE	GUD	04° 09' 13" W	40° 38' 35" N	1.268	Z	1	Térmico 60 mm/' - Digital
	GGC	15° 38' 12" W	28° 07' 11" N	560	Z	1	Térmico 60 mm/'
	EHOR	05° 14' 53" W	37° 49' 23" N	160	Z	1	Térmico 60 mm/' - Digital
	EJIF	05° 28' 08" W	36° 27' 05" N	260	Z	1	Térmico 60 mm/' - Digital
	ERUA	07° 08' 33" W	42° 23' 33" N	431	Z	1	Térmico 60 mm/' - Digital
LAS MESSAS-TENERIFE LAS MESSAS-TENERIFE LAS MESSAS-TENERIFE LAS PLAYAS-EL HIERRO MALAGA MELILLA MONDOÑEDO-LUGO	CTFE	16° 15' 44" W	28° 28' 46" N	270	Z	1	Térmico 60 mm/'
	CTFE	16° 15' 44" W	28° 28' 46" N	270	N	0.85	Tinta 120 mm/'
	CTFE	16° 15' 44" W	28° 28' 46" N	270	E	0.85	Tinta 120 mm/'
	CHIE	17° 57' 39" W	27° 43' 37" N	170	Z	1	Térmico 60 mm/'
	MAL	04° 24' 40" W	36° 43' 39" N	60	ZNE	1	Térmico 60 mm/'
NIJAR-ALMERIA PLASENCIA-CACERES PRUNA-SEVILLA ROQUETAS-TARRAGONA SAN PABLO-TOLEDO	EMEL	02° 57' 24" W	35° 18' 00" N	85	Z	1	Térmico 60 mm/' - Digital
	EMON	07° 19' 47" W	43° 26' 10" N	615	Z	1	Térmico 60 mm/' - Digital
	ENIJ	02° 12' 25" W	36° 58' 18" N	440	Z	1	Térmico 60 mm/' - Digital
	EPLA	06° 04' 49" W	40° 03' 51" N	591	Z	1	Térmico 60 mm/' - Digital
	EPRU	05° 13' 53" W	36° 57' 58" N	560	Z	1	Térmico 60 mm/' - Digital
SANTIAGO-LA CORUÑA SELVA-MALLORCA TABURIENTE-LA PALMA TERRADES-GERONA TOLEDO	ERQQ	00° 24' 32" E	40° 49' 24" N	284	ZNE	1	Térmico 60 mm/' - Digital
	PAB	04° 20' 54" W	39° 32' 45" N	938	Z	1	Tinta 60 mm/' - Digital
	STS	08° 33' 03" W	42° 53' 10" N	265	Z	1	Térmico 60 mm/' - Digital
	ESEL	02° 53' 40" E	39° 46' 05" N	231	Z	1	Térmico 60 mm/' - Digital
	TBT	17° 54' 52" W	28° 40' 46" N	180	Z	1	Tinta 120 mm/'
TORETE-GUADALAJARA VALVERDE-HUELVA VIANOS-ALBACETE ZAMANS-PONTEVEDRA	ETER	02° 51' 20" E	42° 18' 05" N	238	Z	1	Térmico 60 mm/' - Digital
	TOL	04° 02' 55" W	39° 52' 53" N	480	ZNE	1	Térmico 60 mm/' - Digital
	ETOR	02° 03' 19" W	40° 49' 10" N	1.018	Z	1	Térmico 60 mm/' - Digital
	EVAL	06° 44' 51" W	37° 35' 03" N	295	Z	1	Térmico 60 mm/' - Digital
	EVIA	02° 30' 09" W	38° 38' 19" N	1.142	Z	1	Térmico 60 mm/' - Digital
EZAM	08° 41' 42" W	42° 08' 56" N	398	Z	1	Térmico 60 mm/' - Digital	



INSTITUTO GEOGRÁFICO NACIONAL

SISMICIDAD AÑO 1.989

- Resumen de sismos localizados
- Mapa de sismicidad por magnitudes
- Mapa de sismicidad por intensidades
- Datos del cálculo hipocentral

LEYENDA

FECHA	Año - mes - día
HORA	Hora origen (GMT)
LONGITUD	Longitud en grados, minutos y décimas
LATITUD	Latitud en grados, minutos y décimas
PRO	Profundidad en kilómetros
RMS	Error cuadrático medio de la hora origen, en segundos
EH	Error epicentral en kilómetros
EZ	Error en profundidad en kilómetros
NO	Número de observaciones utilizadas en el cálculo
AGEN	Servicio Nacional de Sismología, IGN España
MB	Magnitud mb a partir de la fase Lg
INT	Intensidad máxima, escala M.S.K.
+	Dispone de mapa de isosistas
P	Sismo premonitorio
R	Réplica
S	Sismo submarino, sentido en tierra
T	Sismo que ha ocasionado tsunami
M	Dispone de mecanismo focal calculado

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-01-02	01 53 38.0	07°45.4'W	42°09.1'N		±0.2	±1		8	SSIS	2.1		ALLARIZ.OR
1989-01-04	14 44 49.1	00°42.4'W	39°04.6'N	6	±0.2	±2	±1	10	SSIS	2.3		NAVARRES.V
1989-01-05	20 24 14.4	03°51.2'W	37°01.8'N	11	±0.5	±1	±1	19	SSIS	2.3		AGRON.GR
1989-01-06	10 53 40.4	03°57.1'W	37°25.8'N	22	±0.4	±1	±1	22	SSIS	2.7		ALCALA LA REAL.J
1989-01-06	19 33 08.8	00°09.0'E	43°00.7'N		±0.9	±2		81	SSIS	4.1	V M	VALLEE DE CAMPAN.FR
1989-01-07	11 58 39.9	01°20.3'W	42°37.8'N		±0.7	±3		16	SSIS	2.6		LUMBIER.NA
1989-01-07	14 43 13.2	04°36.0'W	35°37.0'N	100	±0.8	±6	±6	25	SSIS	3.4		ALBORAN
1989-01-08	02 03 59.0	01°39.5'E	36°32.4'N	26	±0.8	±5	±9	37	SSIS	3.7		DUPLEIX.ARG
1989-01-09	01 44 27.0	06°49.3'W	36°48.7'N	23	±0.4	±6	±8	11	SSIS	3.0		GOLFO DE CADIZ
1989-01-12	18 32 56.6	03°54.5'W	37°25.7'N	34	±0.5	±2	±3	23	SSIS	3.0		ALCALA LA REAL.J
1989-01-14	22 46 49.5	00°36.9'W	43°09.2'N	4	±0.8	±3	±3	19	SSIS	2.7		OLORON-STE-MARIE.FR
1989-01-20	12 38 52.1	06°40.9'W	33°14.6'N	23	±1.2	±8	±9	59	SSIS	3.9	IV	EZZHILIGA.MAC
1989-01-21	18 53 30.6	01°52.5'W	43°26.4'N	24	±0.3	±8	±9	8	SSIS	2.7		GOLFO DE VIZCAYA
1989-01-21	22 36 05.8	01°53.4'W	43°27.3'N	29	±0.1	±3	±5	8	SSIS	2.7		GOLFO DE VIZCAYA
1989-01-22	20 21 53.2	01°50.6'W	38°13.2'N	3	±0.3	±1	±1	14	SSIS	2.6		MORATALLA.MU
1989-01-27	23 48 54.5	04°39.9'W	35°55.3'N	90	±0.8	±5	±6	22	SSIS	3.3		ALBORAN
1989-01-28	16 26 09.4	02°31.5'W	37°46.7'N	6	±0.6	±2	±4	17	SSIS	2.8	III P	HUESCAR.GR
1989-01-29	12 33 03.6	04°40.9'W	35°53.2'N	100	±0.7	±5	±6	23	SSIS	3.1		ALBORAN
1989-01-29	15 20 23.0	00°18.9'W	43°07.2'N	8	±0.4	±1	±1	27	SSIS	3.3	IV	VALLEE D'OSSAU.FR
1989-01-29	22 41 51.9	02°33.1'W	37°48.5'N	1	±0.8	±2	±2	40	SSIS	3.6	IV-V	HUESCAR.GR
1989-02-01	23 42 04.0	03°19.2'W	37°41.1'N		±0.6	±2		17	SSIS	2.3		CABRA STO.CRISTO.J
1989-02-03	12 26 03.0	04°33.8'W	38°18.6'N		±0.3	±2		15	SSIS	2.2		VNUEVA DE CORDOBA.CO
1989-02-03	16 33 44.3	12°56.4'W	36°51.6'N	30	±0.6	±5	±9	32	SSIS	3.6		ATLANTICO
1989-02-04	07 00 46.3	03°28.6'W	37°42.4'N	8	±0.6	±2	±2	21	SSIS	2.5		HUELMA.J
1989-02-04	18 25 24.2	09°44.6'W	36°11.0'N		±0.7	±4		18	SSIS	3.0		SW. CABO S.VICENTE
1989-02-07	00 37 51.3	01°42.2'E	36°30.8'N		±0.5	±3		18	SSIS	3.5		DUPLEIX.ARG
1989-02-09	01 14 19.8	00°16.2'E	39°19.7'N	14	±0.6	±2	±2	36	SSIS	3.5		GOLFO DE VALENCIA
1989-02-09	10 19 20.9	08°34.6'W	42°23.1'N		±0.5	±4		13	SSIS	3.1	III	SE. PONTEVEDRA.PO
1989-02-10	15 55 15.9	01°32.1'W	37°43.6'N		±0.2	±1		11	SSIS	2.5		TOTANA.MU
1989-02-11	03 25 43.4	02°48.0'E	41°48.3'N		±0.5	±2		19	SSIS	2.5		VIDRERAS.GE
1989-02-11	20 51 22.2	00°24.4'E	42°57.3'N	13	±0.3	±1	±1	28	SSIS	3.0	III	ARREAU.FR
1989-02-11	20 57 20.5	05°20.5'W	37°03.0'N		±0.7	±2		24	SSIS	2.9		SIERRA SAN JUAN.SE
1989-02-12	12 02 20.5	02°43.7'E	36°19.8'N		±0.8	±5		60	SSIS	4.4		MEDEA.ARG
1989-02-15	00 04 04.7	04°00.7'W	36°59.6'N		±0.5	±1		47	SSIS	3.4	III	ALHAMA DE GRANADA.GR
1989-02-15	00 33 14.3	02°30.0'W	37°48.0'N		±0.7	±3		15	SSIS	2.4		HUESCAR.GR
1989-02-15	01 54 06.9	03°59.4'W	37°00.5'N		±0.5	±1		26	SSIS	2.6		ALHAMA DE GRANADA.GR
1989-02-15	19 58 13.4	08°06.7'W	38°21.0'N	16	±0.8	±6	±7	16	SSIS	3.1	R	VIANA ALENTEJO.PORT
1989-02-19	01 21 32.6	15°18.0'W	37°31.8'N		±0.7			16	SSIS	3.5		ATLANTICO
1989-02-20	03 25 36.8	03°04.9'W	38°53.5'N	7	±0.4	±1	±1	45	SSIS	3.6	III-IV	ALHAMBRA.CR
1989-02-20	20 52 28.8	05°06.1'W	43°06.6'N	9	±0.6	±2	±3	34	SSIS	3.7	III-IV	PTO. VENTANIELLA.O
1989-02-21	01 31 04.4	04°20.8'W	36°58.0'N		±0.7	±2		22	SSIS	2.6		VILLANUEVA ROSARIO.MA
1989-02-22	00 00 48.9	01°30.4'W	37°43.6'N	5	±0.2	±1	±1	17	SSIS	2.9	III	TOTANA.MU
1989-02-22	05 32 27.3	03°55.6'W	35°07.2'N	10	±0.6	±2	±5	13	SSIS			ACHDIR.MAC
1989-02-23	06 14 20.6	03°55.9'W	34°51.0'N	12	±0.6	±3	±4	14	SSIS	2.9		RUALAM.MAC
1989-02-24	16 48 23.8	02°21.6'E	42°18.9'N		±0.5	±1		25	SSIS	2.8		CAMPRODON.GE
1989-02-25	02 55 17.3	00°38.1'W	43°33.2'N		±0.6	±2		27	SSIS	3.2	IV	ORTHEZ.FR
1989-02-28	04 43 51.3	03°44.9'W	36°55.9'N	10	±0.4	±1	±1	17	SSIS	2.1		JAYENA.GR
1989-03-02	02 52 19.6	00°34.3'E	35°54.3'N		±0.7	±8		27	SSIS	3.5		N. RELIZANE.ARG
1989-03-02	13 31 39.9	03°39.1'W	37°13.8'N		±0.5	±2		12	SSIS	2.6		ALBOLOTE.GR
1989-03-03	04 26 23.2	02°28.2'W	37°29.8'N	14	±0.2	±1	±2	12	SSIS	2.5		CULLAR-BAZA.GR
1989-03-05	07 55 24.2	02°04.9'W	37°19.6'N		±0.5	±8		14	SSIS	2.5		ARBOLEAS.AL
1989-03-05	17 46 18.8	02°11.5'W	43°00.5'N	11	±0.4	±2	±2	24	SSIS	3.2		SAN MARTIN.SS
1989-03-05	20 51 39.8	00°35.8'W	43°25.2'N		±0.5	±2		20	SSIS	3.0	IV	MOURENX.FR
1989-03-07	06 42 01.4	04°27.0'W	36°36.5'N	100	±0.5	±3	±2	26	SSIS	2.8		S. MALAGA
1989-03-08	00 26 07.5	04°17.2'W	35°04.3'N	20	±0.7	±2	±4	36	SSIS	3.2		N. TARQUIST.MAC
1989-03-08	04 27 50.4	04°16.9'W	35°03.0'N	14	±0.7	±3	±6	17	SSIS	2.8	R	N. TARQUIST.MAC
1989-03-08	21 40 21.4	03°55.5'W	37°03.5'N	7	±0.4	±1	±2	18	SSIS	2.2		ALHAMA DE GRANADA.GR
1989-03-09	00 08 10.0	02°42.3'W	37°12.5'N		±0.4	±6		12	SSIS	2.1		SIERRA DE BAZA.AL
1989-03-10	04 44 11.4	00°43.6'W	38°01.1'N	10	±0.5	±2	±1	26	SSIS	3.3	III-IV	TORREVIEJA.A
1989-03-10	13 52 24.5	00°39.2'W	43°28.0'N		±0.9	±3		28	SSIS	3.5	IV	ARTHEZ.FR

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-03-10	21 16 52.1	00°38.5'W	43°19.3'N		±0.6	±2		22	SSIS	3.2	IV	MOURENX.FR
1989-03-10	23 35 59.6	00°26.8'W	42°48.9'N		±0.5	±1		34	SSIS	3.3	III-IV	PIC MIDI D'OSSAU.FR
1989-03-10	23 37 14.2	00°27.7'W	42°47.2'N		±0.5	±1		21	SSIS	3.0	R	ASTUN.HU
1989-03-11	01 15 21.6	00°24.6'W	42°50.2'N		±0.6	±2		26	SSIS	2.9	R	PIC MIDI D'OSSAU.FR
1989-03-11	10 57 35.4	00°34.6'W	43°27.4'N		±0.6	±2		32	SSIS	3.3		MOURENX.FR
1989-03-15	15 27 24.5	08°08.7'W	42°27.0'N	5	±0.2	±1	±2	9	SSIS	2.2		BORBORAS.OR
1989-03-21	05 16 58.0	00°05.3'E	43°02.5'N	5	±0.5	±2	±2	25	SSIS	3.4	V	PIC MIDI BIGORRE.FR
1989-03-22	16 08 22.9	03°53.4'W	37°03.2'N	7	±0.4	±1	±1	25	SSIS	2.6		ALHAMA DE GRANADA.GR
1989-03-23	01 57 46.3	04°35.9'W	37°47.6'N	10	±0.4	±2	±4	16	SSIS	2.3	P	SANTA CRUZ.CO
1989-03-23	04 25 02.4	01°17.1'W	37°32.6'N	32	±0.5	±4	±8	11	SSIS	2.3		GOLFO DE MAZARRON
1989-03-23	17 37 42.9	04°36.4'W	37°48.2'N	1	±0.5	±1	±1	48	SSIS	3.5	III	SANTA CRUZ.CO
1989-03-24	16 59 08.9	04°37.9'W	37°46.4'N	6	±0.3	±1	±1	20	SSIS	2.3	R	SANTA CRUZ.CO
1989-03-26	08 15 35.8	03°07.4'E	41°24.9'N		±0.3	±3		10	SSIS	2.4		MEDITERRANEO
1989-03-28	02 10 25.6	04°38.5'W	37°46.0'N		±0.4	±2		12	SSIS	2.0	R	SANTA CRUZ.CO
1989-03-29	13 19 21.8	01°20.7'E	42°34.6'N		±0.5	±2		18	SSIS	2.5		ALINS.L
1989-03-29	17 58 31.6	08°54.1'W	36°09.2'N	16	±0.4	±4	±4	23	SSIS	3.2		ATLANTICO
1989-03-31	02 58 44.8	09°35.6'W	39°33.7'N	19	±0.4	±2	±2	35	SSIS	3.7		W. NAZARE
1989-04-04	04 29 10.8	00°35.0'W	43°09.2'N		±0.6	±2		16	SSIS	2.7		OLORON-STE-MARIE.FR
1989-04-06	13 05 19.5	03°37.8'W	44°40.3'N		±0.8	±3		36	SSIS	3.6		MAR CANTABRICO
1989-04-08	03 36 47.1	08°58.6'W	39°21.4'N	11	±0.8	±2	±3	91	SSIS	4.7	IV-V	RIO MAIOR.PORT
1989-04-08	05 45 45.5	02°40.2'W	42°10.0'N		±0.4	±2		19	SSIS	3.1		TIERRA DE CAMEROS.LO
1989-04-08	06 33 30.7	08°53.0'W	39°20.0'N		±0.5	±2		20	SSIS	3.1	R	RIO MAIOR.PORT
1989-04-09	05 03 45.9	01°12.2'W	38°29.2'N	7	±0.5	±2	±3	17	SSIS	3.0		JUMILLA.MU
1989-04-09	23 18 15.6	01°33.3'E	36°15.9'N		±0.7	±6		21	SSIS	3.5		OUED FODDA.ARG
1989-04-11	17 45 06.2	07°56.3'W	38°47.8'N		±0.3	±2		13	SSIS	2.9		ARRAIOLUS.PORT
1989-04-17	09 11 37.9	02°16.1'W	37°22.5'N	12	±0.3	±2	±3	16	SSIS	2.7		OLULA DEL RIO.AL
1989-04-18	04 47 12.1	01°11.2'W	38°27.5'N	10	±0.2	±1	±5	8	SSIS	2.5	R	JUMILLA.MU
1989-04-18	12 50 41.5	06°31.7'W	37°40.9'N		±0.6	±3		17	SSIS	2.7		NERVA.H
1989-04-18	17 34 11.2	03°50.1'W	39°18.9'N		±0.3	±2		11	SSIS	2.3		URDA.TO
1989-04-19	06 01 56.7	03°48.5'W	38°22.2'N		±0.4	±1		24	SSIS	2.5		EL CENTENILLO.J
1989-04-20	13 59 40.6	02°30.8'W	37°47.6'N		±0.7	±1		39	SSIS	3.0	III	HUESCAR.GR
1989-04-22	15 56 29.7	01°42.3'W	36°05.4'N		±0.7	±2		42	SSIS	3.4		MEDITERRANEO
1989-04-22	22 19 16.8	03°36.9'W	37°06.0'N	9	±0.5	±1	±2	16	SSIS	2.0		GOJAR.GR
1989-04-23	07 55 06.5	01°46.2'W	36°09.0'N		±0.8	±3		26	SSIS	3.0	R	MEDITERRANEO
1989-04-24	06 47 35.0	01°36.7'E	42°46.1'N	7	±0.5	±2	±2	19	SSIS	2.6		SIGUER.FR
1989-04-25	14 16 00.5	01°35.2'E	42°27.8'N		±0.5	±1		27	SSIS	2.8		SIERRA VALLETA.L
1989-04-28	15 49 20.8	00°24.6'W	43°10.7'N		±0.5	±2		26	SSIS	3.5	IV	VALLEE D'OSSAU.FR
1989-05-07	17 45 50.3	05°06.2'W	32°59.8'N	14	±0.8	±5	±5	18	SSIS	3.3		ITZER.MAC
1989-05-15	10 37 16.2	00°54.6'W	35°55.1'N		±0.6			17	SSIS	3.4		NW. ORAN
1989-05-16	21 14 51.3	01°29.2'W	37°56.2'N	9	±0.1	±1	±1	12	SSIS	2.7		ALHAMA DE MURCIA.MU
1989-05-25	01 24 16.9	04°04.5'W	37°43.5'N	10	±0.5	±1	±2	19	SSIS	2.5		MARTOS.J
1989-05-30	06 28 08.8	00°19.6'W	43°08.3'N		±0.6	±1		52	SSIS	4.0	V	VALLEE D'OSSAU.FR
1989-06-03	02 33 53.5	02°32.1'E	42°59.0'N		±0.3	±2		18	SSIS	3.0		CORBIERES.FR
1989-06-03	19 32 12.7	07°44.9'W	36°08.9'N	52	±0.6	±2	±8	34	SSIS	3.0		GOLFO DE CADIZ
1989-06-04	12 43 18.6	01°57.1'E	41°04.1'N		±0.5	±2		20	SSIS	3.0		MEDITERRANEO
1989-06-04	21 33 00.8	04°31.6'W	37°09.6'N		±0.2	±2		6	SSIS	2.3	P	PALENCIANA.MA
1989-06-05	10 09 20.1	04°31.6'W	37°07.4'N		±0.5	±2		14	SSIS	2.4	P	PALENCIANA.MA
1989-06-05	20 10 07.0	04°31.6'W	37°09.2'N	5	±0.5	±2	±3	16	SSIS	2.1	P	PALENCIANA.MA
1989-06-05	23 33 30.2	04°31.5'W	37°09.3'N	10	±0.5	±1	±2	20	SSIS	2.5	P	PALENCIANA.MA
1989-06-06	14 42 32.2	04°33.5'W	37°08.7'N	6	±0.3	±2	±2	7	SSIS	2.1	P	PALENCIANA.MA
1989-06-07	00 07 26.5	04°30.3'W	37°08.7'N	9	±0.6	±2	±3	21	SSIS	2.3	P	PALENCIANA.MA
1989-06-07	00 12 49.5	04°32.1'W	37°10.5'N	6	±0.5	±1	±1	42	SSIS	3.4	III	PALENCIANA.MA
1989-06-07	00 25 41.3	04°31.1'W	37°08.7'N		±0.5	±6		6	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	00 28 35.6	04°33.2'W	37°09.4'N	8	±0.5	±1	±2	29	SSIS	2.9	R	PALENCIANA.MA
1989-06-07	00 35 35.0	04°32.2'W	37°10.1'N	6	±0.6	±2	±4	13	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	00 46 02.3	04°33.9'W	37°10.2'N	4	±0.5	±2	±3	15	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	00 56 06.6	04°31.5'W	37°09.4'N	9	±0.7	±2	±3	18	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	01 02 39.4	04°31.8'W	37°10.0'N		±0.4	±2		15	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	01 22 00.4	04°32.3'W	37°09.9'N	4	±0.5	±1	±2	22	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	01 54 22.3	04°30.4'W	37°09.6'N	6	±0.6	±1	±2	35	SSIS	3.1	R	PALENCIANA.MA

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-06-07	01 57 40.3	04°31.6'W	37°10.2'N	6	±0.6	±1	±2	30	SSIS	2.8	R	PALENCIANA.MA
1989-06-07	02 33 38.2	04°31.9'W	37°09.3'N	9	±0.3	±2	±3	11	SSIS	2.5	R	PALENCIANA.MA
1989-06-07	02 41 15.5	04°31.2'W	37°09.0'N	9	±0.5	±2	±2	23	SSIS	2.6	R	PALENCIANA.MA
1989-06-07	02 47 50.3	06°31.6'W	43°55.5'N	30	±0.7	±2	±4	14	SSIS	2.8		MAR CANTABRICO
1989-06-07	02 59 14.2	04°29.9'W	37°10.4'N	5	±0.5	±1	±1	36	SSIS	3.1	R	PALENCIANA.MA
1989-06-07	03 05 02.1	04°31.5'W	37°09.5'N	9	±0.7	±2	±3	27	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	03 10 14.8	04°32.3'W	37°09.7'N	7	±0.6	±2	±3	26	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	03 15 44.4	04°34.1'W	37°08.9'N	7	±0.3	±1	±2	8	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	04 32 06.7	04°32.2'W	37°10.0'N	6	±0.5	±1	±2	17	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	05 03 22.7	04°33.3'W	37°09.2'N	9	±0.4	±2	±3	12	SSIS	2.5	R	PALENCIANA.MA
1989-06-07	05 07 49.5	04°30.9'W	37°10.1'N	9	±0.5	±2	±3	26	SSIS	3.0	R	PALENCIANA.MA
1989-06-07	05 10 47.9	04°30.1'W	37°08.8'N	8	±0.6	±2	±4	15	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	05 15 23.9	04°34.9'W	37°08.4'N	9	±0.5	±4	±7	7	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	05 35 08.2	04°32.1'W	37°08.8'N	7	±0.6	±3	±6	14	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	05 35 31.9	04°31.8'W	37°10.4'N	6	±0.6	±2	±3	14	SSIS	2.6	R	PALENCIANA.MA
1989-06-07	05 48 41.1	04°32.6'W	37°08.9'N	4	±0.5	±2	±2	16	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	06 00 24.0	04°32.9'W	37°08.6'N	9	±0.4	±1	±2	20	SSIS	2.7	R	PALENCIANA.MA
1989-06-07	06 02 19.7	04°32.6'W	37°09.8'N	10	±0.7	±3	±4	15	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	06 09 38.1	04°32.5'W	37°09.7'N		±0.6	±2		16	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	06 22 10.5	04°32.3'W	37°09.8'N	3	±0.5	±1	±2	24	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	06 53 51.4	04°32.7'W	37°09.0'N	6	±0.6	±2	±3	15	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	07 03 25.6	04°32.1'W	37°08.5'N	5	±0.5	±1	±2	23	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	07 04 40.6	04°30.3'W	37°09.6'N	9	±0.6	±2	±2	28	SSIS	2.9	R	PALENCIANA.MA
1989-06-07	07 38 13.7	04°34.4'W	37°09.1'N	5	±0.6	±1	±2	24	SSIS	2.6	R	PALENCIANA.MA
1989-06-07	07 57 15.7	04°32.1'W	37°09.4'N		±0.8	±3		14	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	07 57 32.9	04°33.2'W	37°08.9'N	6	±0.5	±1	±2	22	SSIS	2.7	R	PALENCIANA.MA
1989-06-07	09 02 02.6	04°33.1'W	37°08.8'N	10	±0.6	±2	±3	18	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	09 13 30.8	04°31.6'W	37°08.6'N	7	±0.7	±2	±3	24	SSIS	2.4	R	PALENCIANA.MA
1989-06-07	09 39 48.7	04°32.3'W	37°08.9'N	4	±0.5	±2	±2	23	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	10 58 59.9	04°33.8'W	37°09.1'N	6	±0.6	±1	±2	23	SSIS	2.5	R	PALENCIANA.MA
1989-06-07	12 06 23.1	04°33.0'W	37°08.0'N	12	±0.8	±3	±5	16	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	12 19 38.5	04°30.0'W	37°08.8'N		±0.6	±3		14	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	12 32 37.0	04°31.7'W	37°08.8'N	10	±0.5	±2	±3	18	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	12 33 48.2	04°32.2'W	37°09.7'N	4	±0.5	±2	±2	13	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	13 20 26.5	04°33.0'W	37°08.9'N		±0.6	±3		17	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	13 27 11.0	04°29.6'W	37°09.6'N	12	±0.3	±1	±7	13	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	13 29 30.4	04°30.7'W	37°09.6'N		±0.5	±1		23	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	13 30 50.9	04°34.3'W	37°09.5'N		±0.6	±3		13	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	13 58 54.5	04°32.5'W	37°09.2'N	7	±0.7	±2	±3	31	SSIS	2.7	R	PALENCIANA.MA
1989-06-07	14 05 05.2	04°31.9'W	37°09.6'N		±0.7	±7		9	SSIS	1.9	R	PALENCIANA.MA
1989-06-07	14 27 38.9	04°30.3'W	37°09.6'N		±0.5	±2		12	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	15 06 31.9	04°32.4'W	37°09.4'N	6	±0.7	±2	±3	23	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	16 08 11.9	04°30.4'W	37°09.3'N	9	±0.5	±1	±2	28	SSIS	2.7	R	PALENCIANA.MA
1989-06-07	16 09 16.1	04°33.9'W	37°10.0'N		±0.7	±2		16	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	16 10 10.4	04°33.8'W	37°07.4'N	9	±0.6	±4	±3	11	SSIS	2.2	R	PALENCIANA.MA
1989-06-07	16 34 47.4	04°31.3'W	37°09.8'N		±0.5	±2		18	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	17 18 06.3	04°30.0'W	37°09.4'N	6	±0.6	±2	±2	30	SSIS	2.7	R	PALENCIANA.MA
1989-06-07	17 26 19.0	04°32.5'W	37°07.6'N	11	±0.5	±2	±2	12	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	18 26 21.4	04°30.4'W	37°09.7'N	11	±0.6	±1	±2	38	SSIS	2.8	R	PALENCIANA.MA
1989-06-07	18 42 51.3	04°30.9'W	37°08.9'N	9	±0.7	±2	±3	17	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	20 19 28.5	04°31.9'W	37°09.3'N	8	±0.6	±1	±2	33	SSIS	2.6	R	PALENCIANA.MA
1989-06-07	20 21 15.5	04°32.9'W	37°09.0'N	10	±0.6	±2	±3	16	SSIS	2.0	R	PALENCIANA.MA
1989-06-07	21 03 39.8	04°31.9'W	37°07.7'N		±0.5	±2		15	SSIS	2.3	R	PALENCIANA.MA
1989-06-07	21 11 04.3	04°35.0'W	37°08.8'N	6	±0.3	±2	±4	11	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	21 55 22.4	04°32.5'W	37°08.1'N	10	±0.5	±3	±3	13	SSIS	2.1	R	PALENCIANA.MA
1989-06-07	23 10 55.9	04°33.2'W	37°08.5'N	8	±0.3	±2	±3	15	SSIS	2.0	R	PALENCIANA.MA
1989-06-08	00 04 23.7	04°33.8'W	37°07.4'N	6	±0.4	±2	±2	15	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	00 48 57.1	04°33.2'W	37°09.1'N		±0.6	±2		16	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	00 50 10.4	04°32.6'W	37°09.7'N	6	±0.6	±2	±3	16	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	01 00 34.5	04°31.3'W	37°08.8'N	9	±0.6	±2	±3	19	SSIS	2.2	R	PALENCIANA.MA

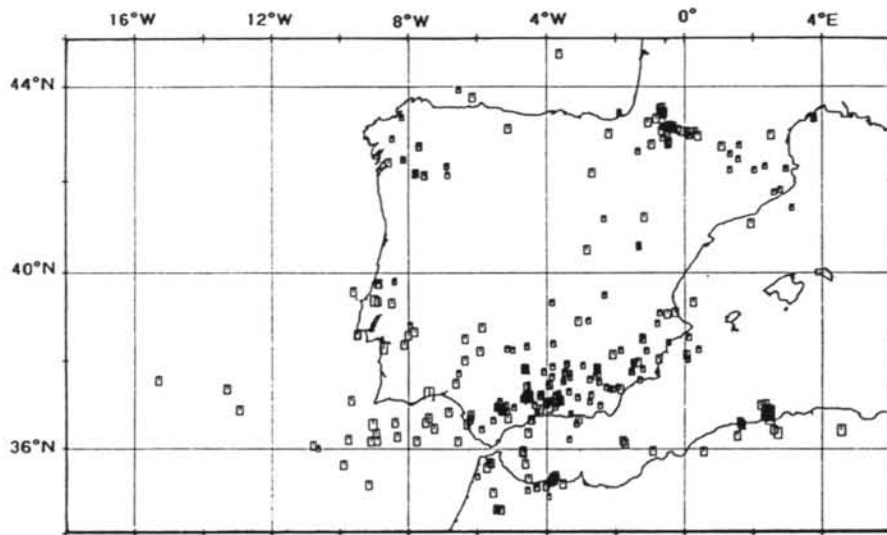
FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-06-08	01 05 32.0	04°31.7'W	37°10.8'N	4	±0.6	±1	±2	27	SSIS	2.7	R	PALENCIANA.MA
1989-06-08	01 14 40.7	04°31.6'W	37°09.9'N	7	±0.7	±2	±3	29	SSIS	2.4	R	PALENCIANA.MA
1989-06-08	01 24 55.4	04°34.5'W	37°09.1'N	6	±0.6	±2	±3	22	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	01 26 15.4	04°34.0'W	37°09.3'N	7	±0.4	±2	±3	13	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	01 36 37.9	04°32.6'W	37°09.6'N	7	±0.6	±1	±2	29	SSIS	2.4	R	PALENCIANA.MA
1989-06-08	02 01 02.5	04°33.7'W	37°09.4'N	7	±0.5	±3	±4	12	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	02 05 35.4	04°35.0'W	37°06.6'N	8	±0.6	±3	±2	17	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	03 27 12.7	04°33.0'W	37°06.8'N	6	±0.3	±2	±4	12	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	03 48 33.9	04°31.8'W	37°10.3'N		±0.5	±2		14	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	04 09 55.5	04°33.9'W	37°09.1'N	10	±0.4	±1	±3	13	SSIS	2.5	R	PALENCIANA.MA
1989-06-08	04 11 00.3	04°31.4'W	37°09.8'N	5	±0.5	±1	±2	31	SSIS	2.8	R	PALENCIANA.MA
1989-06-08	04 15 14.9	04°34.0'W	37°09.0'N	5	±0.5	±2	±3	16	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	04 17 11.8	04°30.3'W	37°08.9'N	10	±0.7	±3	±4	16	SSIS	2.3	R	PALENCIANA.MA
1989-06-08	04 17 26.8	04°32.8'W	37°08.9'N	7	±0.4	±1	±2	16	SSIS	2.4	R	PALENCIANA.MA
1989-06-08	04 19 57.1	04°32.3'W	37°10.3'N	5	±0.7	±1	±2	35	SSIS	3.1	R	PALENCIANA.MA
1989-06-08	04 20 43.0	04°32.8'W	37°09.3'N	10	±0.7	±3	±5	12	SSIS	2.6	R	PALENCIANA.MA
1989-06-08	04 38 17.4	04°32.0'W	37°09.4'N		±0.4	±1		19	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	04 42 16.4	04°32.3'W	37°08.1'N	10	±0.6	±2	±2	25	SSIS	2.7	R	PALENCIANA.MA
1989-06-08	04 48 59.4	04°31.5'W	37°11.1'N	5	±0.7	±2	±2	37	SSIS	3.3	R	PALENCIANA.MA
1989-06-08	05 19 29.8	04°32.9'W	37°07.6'N		±0.4	±2		11	SSIS	2.0	R	PALENCIANA.MA
1989-06-08	05 22 15.5	04°33.4'W	37°08.5'N	8	±0.7	±3	±4	15	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	05 24 04.8	04°33.0'W	37°06.1'N	13	±0.3	±3	±2	9	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	06 55 48.7	04°30.7'W	37°09.3'N	6	±0.5	±1	±3	23	SSIS	2.5	R	PALENCIANA.MA
1989-06-08	07 12 31.4	04°31.9'W	37°09.7'N		±0.5	±2		14	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	09 33 16.6	04°30.5'W	37°08.7'N	10	±0.5	±2	±3	19	SSIS	2.2	R	PALENCIANA.MA
1989-06-08	09 47 49.0	04°33.9'W	37°08.6'N		±0.7	±2		22	SSIS	2.3	R	PALENCIANA.MA
1989-06-08	11 18 26.3	04°33.8'W	37°10.3'N	10	±0.5	±2	±4	15	SSIS	2.3	R	PALENCIANA.MA
1989-06-08	14 09 03.3	04°30.5'W	37°08.4'N	9	±0.6	±2	±3	13	SSIS	2.0	R	PALENCIANA.MA
1989-06-08	14 45 55.6	04°33.1'W	37°07.7'N	9	±0.5	±3	±4	12	SSIS	2.0	R	PALENCIANA.MA
1989-06-08	18 01 02.5	04°31.0'W	37°08.1'N	10	±0.6	±2	±3	18	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	22 55 23.5	04°28.7'W	37°08.6'N	10	±0.5	±2	±2	20	SSIS	2.4	R	PALENCIANA.MA
1989-06-08	22 59 46.2	04°32.3'W	37°09.2'N	4	±0.7	±2	±3	26	SSIS	2.5	R	PALENCIANA.MA
1989-06-08	23 01 05.6	04°30.8'W	37°08.9'N	9	±0.4	±2	±3	11	SSIS	2.1	R	PALENCIANA.MA
1989-06-08	23 53 14.9	04°32.8'W	37°08.0'N	9	±0.6	±2	±3	15	SSIS	2.3	R	PALENCIANA.MA
1989-06-09	06 31 38.2	04°30.6'W	37°10.2'N	4	±0.4	±1	±2	28	SSIS	2.8	R	PALENCIANA.MA
1989-06-09	06 32 54.3	04°29.9'W	37°11.0'N		±0.6	±3		11	SSIS	2.1	R	PALENCIANA.MA
1989-06-09	07 25 38.4	04°32.0'W	37°09.5'N		±0.5	±2		16	SSIS	2.3	R	PALENCIANA.MA
1989-06-09	10 19 42.6	04°29.9'W	37°07.0'N	11	±0.6	±2	±4	16	SSIS	2.2	R	PALENCIANA.MA
1989-06-09	22 14 04.4	00°06.3'E	38°01.3'N	19	±0.3	±2	±2	13	SSIS	2.7	R	MEDITERRANEO
1989-06-09	23 14 05.1	04°32.2'W	37°08.6'N	7	±0.6	±2	±3	21	SSIS	2.3	R	PALENCIANA.MA
1989-06-10	00 32 15.6	04°32.3'W	37°09.9'N	10	±0.6	±2	±3	22	SSIS	2.5	R	PALENCIANA.MA
1989-06-10	00 49 59.6	04°33.2'W	37°08.6'N	9	±0.4	±2	±3	12	SSIS	2.2	R	PALENCIANA.MA
1989-06-10	02 06 33.5	04°30.3'W	37°10.8'N	7	±0.5	±1	±2	31	SSIS	2.7	R	PALENCIANA.MA
1989-06-10	07 15 08.4	07°47.0'W	42°09.2'N	10	±0.4	±1	±2	21	SSIS	3.2	R	ALLARIZ.OR
1989-06-10	21 22 06.0	04°30.5'W	37°10.5'N	9	±0.6	±1	±2	33	SSIS	2.8	R	PALENCIANA.MA
1989-06-11	13 08 53.1	07°46.8'W	42°10.3'N	10	±0.3	±1	±2	12	SSIS	2.6	R	ALLARIZ.OR
1989-06-11	15 16 59.0	03°19.2'W	37°35.8'N	7	±0.2	±2	±3	7	SSIS	2.3	R	HUELMA.J
1989-06-11	18 22 23.1	02°09.3'W	37°20.6'N	2	±0.3	±1	±1	25	SSIS	2.8	R	CANTORIA.AL
1989-06-11	20 57 09.5	08°23.7'W	39°47.8'N	10	±0.5	±5	±5	12	SSIS	2.7	R	ALVAIACERA.PORT
1989-06-16	10 27 57.0	05°17.8'W	36°51.3'N		±0.6	±1		52	SSIS	3.7	III	EL GASTOR.MA
1989-06-16	10 35 16.6	05°15.8'W	36°51.8'N	3	±0.5	±1	±2	24	SSIS	2.9	R	EL GASTOR.MA
1989-06-16	10 39 48.2	05°19.3'W	36°51.2'N		±0.4	±1		21	SSIS	2.1	R	EL GASTOR.CA
1989-06-16	10 58 28.7	05°16.8'W	36°50.1'N	1	±0.4	±2	±2	11	SSIS	2.2	R	EL GASTOR.MA
1989-06-16	11 08 47.8	05°15.3'W	36°49.7'N		±0.5	±2		11	SSIS	1.8	R	EL GASTOR.MA
1989-06-16	13 06 16.9	05°16.0'W	36°50.4'N		±0.6	±1		34	SSIS	3.1	R	EL GASTOR.MA
1989-06-16	21 13 30.8	05°14.9'W	36°50.7'N	2	±0.6	±1	±1	57	SSIS	3.7	R	EL GASTOR.MA
1989-06-16	21 22 23.9	05°17.3'W	36°50.5'N		±0.5	±3		11	SSIS	1.6	R	EL GASTOR.MA
1989-06-16	21 24 14.9	05°18.1'W	36°51.5'N		±0.5	±2		17	SSIS	2.0	R	EL GASTOR.CA
1989-06-17	01 58 57.4	05°19.6'W	36°51.2'N		±0.5	±3		9	SSIS	1.5	R	EL GASTOR.CA
1989-06-17	09 37 28.5	05°17.0'W	36°50.1'N		±0.4	±3		13	SSIS	1.6	R	EL GASTOR.MA

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-06-18	04 00 31.5	05°19.7'W	36°51.3'N		±0.5	±1		25	SSIS	2.6	R	EL GASTOR.CA
1989-06-18	05 44 59.7	05°18.4'W	36°50.3'N		±0.4	±1		10	SSIS	1.5	R	EL GASTOR.MA
1989-06-18	05 54 25.5	05°19.3'W	36°51.1'N		±0.3	±3		7	SSIS	1.5	R	EL GASTOR.CA
1989-06-18	15 07 22.6	05°19.2'W	36°49.8'N		±0.4	±2		12	SSIS	1.5	R	EL GASTOR.MA
1989-06-18	18 20 59.9	05°19.0'W	36°52.0'N		±0.6	±2		13	SSIS	1.5	R	EL GASTOR.CA
1989-06-18	18 32 30.0	05°18.4'W	36°50.8'N		±0.5	±2		14	SSIS	1.6	R	EL GASTOR.MA
1989-06-24	18 20 12.6	05°18.6'W	36°50.1'N		±0.4	±2		12	SSIS	1.8	R	EL GASTOR.MA
1989-06-24	18 25 22.4	05°19.6'W	36°50.5'N		±0.5	±1		24	SSIS	2.2	R	EL GASTOR.CA
1989-06-24	18 46 41.9	05°18.9'W	36°50.2'N		±0.6	±2		16	SSIS	2.0	R	EL GASTOR.MA
1989-06-24	18 49 22.3	05°18.7'W	36°50.3'N		±0.5	±2		15	SSIS	1.8	R	EL GASTOR.MA
1989-06-27	04 04 27.6	01°18.5'W	40°33.8'N	5	±0.4	±2	±2	13	SSIS	2.2		SANTA EULALIA.TE
1989-06-29	02 58 57.1	04°00.9'W	35°05.2'N		±0.7	±2		20	SSIS	3.0		SW. ALHUCEMAS.MAC
1989-06-30	10 07 58.8	03°46.9'W	35°15.8'N	12	±0.6	±2	±3	39	SSIS	3.0		BAHIA DE ALHUCEMAS
1989-07-02	18 17 15.3	03°30.6'W	37°31.2'N	22	±0.2	±1	±1	15	SSIS	2.6		MONTEJICAR.GR
1989-07-04	09 10 57.2	02°57.6'E	42°15.6'N		±0.4	±4		9	SSIS	2.0		FIGUERAS.GE
1989-07-04	16 00 35.2	02°44.3'W	37°03.2'N		±0.5	±3		20	SSIS	2.7		OHANES.AL
1989-07-05	07 57 55.2	08°10.9'W	43°21.0'N	5	±0.2	±2	±3	7	SSIS	2.5		RIA DE BETANZOS.C
1989-07-05	08 14 58.7	01°18.8'W	40°35.5'N	10	±0.3	±1	±2	10	SSIS	2.4		TORREMOCHA JILOCA.TE
1989-07-06	04 41 54.0	00°30.1'W	43°04.4'N		±0.7	±2		27	SSIS	3.0	IV	SARRANCE.FR
1989-07-06	18 17 59.5	04°40.7'W	37°06.0'N	20	±0.4	±2	±2	8	SSIS	2.4		HUMILLADERO.MA
1989-07-07	14 10 17.2	00°26.6'W	38°23.9'N	9	±0.3	±4	±2	8	SSIS	2.0	II	SAN JUAN DE ALICANTE.A
1989-07-08	21 03 20.7	03°41.2'W	35°18.1'N	13	±0.5	±2	±3	12	SSIS	2.8		CABO QUILATES.MAC
1989-07-09	07 07 35.3	07°23.8'W	36°40.8'N	22	±0.8	±7	±7	30	SSIS	3.0		GOLFO DE CADIZ
1989-07-09	17 48 11.0	03°20.4'W	36°11.4'N	5	±0.4	±2	±3	16	SSIS	2.4		ALBORAN
1989-07-11	05 47 33.7	03°47.5'E	43°20.7'N		±0.7	±7		11	SSIS	2.6		S. SETE
1989-07-11	06 16 01.8	03°47.3'E	43°21.0'N		±0.9	±7		12	SSIS	2.6		S. SETE
1989-07-11	19 32 02.5	03°44.8'E	43°18.7'N		±0.9	±9		9	SSIS	2.6		S. SETE
1989-07-14	01 34 40.5	02°26.3'W	36°57.9'N		±0.5	±2		21	SSIS	2.6		RIOJA.AL
1989-07-14	06 38 53.7	00°20.3'E	43°04.4'N		±0.7	±2		19	SSIS	2.5		BAGNERES DE BIGORRE.FR
1989-07-15	02 12 43.3	00°29.2'W	43°07.8'N		±0.6	±2		22	SSIS	3.0	IV	SARRANCE.FR
1989-07-15	08 42 26.5	04°37.4'W	37°46.1'N		±0.4	±1		20	SSIS	2.6		SANTA CRUZ.CO
1989-07-15	11 48 46.5	00°29.3'W	43°06.5'N		±0.6	±3		15	SSIS	2.8	R	SARRANCE.FR
1989-07-18	16 27 56.3	02°19.6'W	41°09.9'N		±0.6	±5		7	SSIS	2.5		MEDINACELI.SO
1989-07-19	04 30 50.5	03°42.5'W	37°01.3'N	5	±0.6	±1	±1	29	SSIS	3.3		W. PADUL.GR
1989-07-19	10 49 34.4	04°25.5'W	36°38.2'N	95	±0.6	±3	±2	32	SSIS	3.0		S. MALAGA
1989-07-20	20 24 50.7	03°51.9'W	37°04.7'N	8	±0.5	±1	±1	27	SSIS	2.6		VENTAS DE HUELMA.GR
1989-07-22	11 25 38.8	08°28.1'W	42°54.2'N	8	±0.2	±2	±2	8	SSIS	2.4		NE. SANTIAGO.C
1989-07-24	09 36 34.8	00°08.4'E	38°31.0'N	14	±0.5	±3	±3	17	SSIS	2.9		S. CABO DE LA NAO
1989-07-24	21 54 29.7	03°48.4'E	43°19.2'N		±0.5	±6		7	SSIS	2.5		S. SETE
1989-07-24	22 25 23.8	02°44.7'W	37°32.8'N		±0.7	±3		12	SSIS	2.3		BAZA.GR
1989-07-25	22 35 49.9	04°01.5'W	37°03.1'N	7	±0.4	±1	±1	24	SSIS	2.4		STA.CRUZ DE ALHAMA.GR
1989-07-26	14 03 04.1	04°31.5'W	36°20.0'N	70	±0.8	±2	±3	50	SSIS	3.2		S. MALAGA
1989-07-28	11 51 15.7	05°07.3'W	36°49.9'N	9	±0.5	±2	±2	21	SSIS	2.4		ARRIATE.MA
1989-07-28	13 11 44.5	05°07.7'W	38°15.2'N		±0.6	±2		19	SSIS	2.4		BELMEZ.CO
1989-07-31	23 06 38.6	03°04.2'W	36°38.7'N	11	±0.6	±3	±3	25	SSIS	3.1		S. ADRA
1989-08-01	14 59 58.4	04°37.9'W	37°47.3'N		±0.5	±2		17	SSIS	3.1		SANTA CRUZ.CO
1989-08-02	11 48 29.5	06°21.0'W	37°59.0'N		±0.4	±3		8	SSIS	3.0		CALA.H
1989-08-04	16 19 13.8	02°37.4'E	41°45.0'N		±0.6	±4		12	SSIS	2.1		HOSTALRICH.GE
1989-08-04	20 37 47.3	03°48.3'W	35°16.4'N		±0.4	±3		10	SSIS	3.0		E. ALHUCEMAS
1989-08-05	08 33 23.2	00°37.2'W	42°54.9'N	2	±0.5	±2	±1	21	SSIS	2.9		LESCUN.FR
1989-08-05	10 26 06.5	05°31.9'W	34°56.4'N	26	±0.8	±3	±4	27	SSIS	3.0		QUEZZANE.MAC
1989-08-06	04 32 58.2	03°31.5'W	35°09.0'N		±0.8	±3		24	SSIS	3.1		TIZIRHINE.MAC
1989-08-11	03 11 27.9	03°50.2'W	37°37.0'N	29	±0.3	±3	±3	10	SSIS	2.8		VALDEPEÑAS DE JAEN.J
1989-08-11	10 47 26.9	01°38.2'E	36°35.1'N		±0.8	±6		33	SSIS	3.3		N. DAMOUS
1989-08-12	04 12 53.9	03°48.9'W	35°17.8'N		±0.8	±3		41	SSIS	3.5		E. ALHUCEMAS
1989-08-16	11 29 20.3	00°14.9'W	39°05.5'N	5	±0.4	±2	±2	9	SSIS	3.0		TABERNES D VALLDIGNA.V
1989-08-16	23 28 09.8	01°20.3'E	42°14.1'N		±0.7	±2		19	SSIS	2.8		ORGANYA.L
1989-08-17	13 19 01.6	09°08.3'W	35°07.6'N	30	±0.8	±4	±6	36	SSIS	3.5		ATLANTICO
1989-08-18	11 06 26.2	03°52.7'W	35°10.9'N		±0.5	±2		16	SSIS	3.0		ALHUCEMAS.MAC
1989-08-20	09 53 51.2	08°28.6'W	39°18.3'N		±0.5	±4		14	SSIS	3.2		CHANUSCA.PORT

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-08-22	02 18 05.0	00°04.0'E	38°06.7'N	10	±0.8	±3	±3	18	SSIS	3.1		MEDITERRANEO
1989-08-22	07 06 37.6	03°47.3'W	35°14.4'N		±0.8	±3		47	SSIS	3.6		E. ALHUCEMAS
1989-08-22	14 49 57.5	09°31.7'E	37°19.6'N		±0.5			22	SSIS	3.5		BECHATEUR.TUNS
1989-08-23	05 30 59.2	05°19.5'W	34°32.7'N	10	±1.0	±2	±4	48	SSIS	3.5		KARIAT BA MOHAMED.MAC
1989-08-23	06 28 53.9	05°17.7'W	34°32.1'N	10	±0.6	±3	±5	11	SSIS	3.0	R	KARIAT BA MOHAMED.MAC
1989-08-23	06 45 51.7	05°23.9'W	34°31.6'N	15	±0.5	±4	±4	11	SSIS	2.9	R	KARIAT BA MOHAMED.MAC
1989-08-23	08 09 40.7	05°26.0'W	34°33.0'N	10	±0.8	±2	±4	29	SSIS	3.4	R	KARIAT BA MOHAMED.MAC
1989-08-25	14 45 56.1	00°28.6'W	43°01.6'N		±0.8	±2		20	SSIS	3.2		BIELLE.FR
1989-08-27	12 06 01.5	06°50.9'W	42°06.6'N		±0.6	±4		11	SSIS	2.9		ALLARIZ.OR
1989-08-28	03 56 12.2	05°50.3'W	38°44.2'N		±0.5	±2		14	SSIS	3.4		QUINTANA LA SERENA.BA
1989-08-29	04 31 30.8	07°32.2'W	42°05.9'N	8	±0.4	±2	±2	12	SSIS	2.9	P	LAZA.OR
1989-08-30	08 52 12.8	03°48.1'W	35°12.7'N	13	±1.0	±2	±4	43	SSIS	3.7		E. ALHUCEMAS
1989-08-30	11 43 25.8	07°31.6'W	42°06.8'N	13	±0.6	±1	±2	42	SSIS	3.8	III	LAZA.OR
1989-09-01	05 23 04.1	08°18.5'W	36°14.8'N	22	±0.6	±6	±8	27	SSIS	3.1		S. CABO S.VICENTE
1989-09-02	11 40 42.9	03°08.2'W	36°33.0'N		±0.9	±7		13	SSIS	2.7		S. ADRA
1989-09-02	13 00 11.7	02°36.6'E	36°24.2'N	18	±0.9	±7	±9	25	SSIS	3.2		EL AFFROUN.ARG
1989-09-03	13 31 04.5	04°33.7'W	37°22.7'N	26	±0.5	±2	±2	19	SSIS	3.0		LUCENA.CO
1989-09-04	08 12 00.7	03°44.6'W	37°12.0'N		±0.6	±2		18	SSIS	2.9		CHAUCHINA.GR
1989-09-09	04 45 14.3	00°11.3'W	43°05.6'N		±0.8	±2		33	SSIS	3.3	IV	ARTHEZ D'ASSON.FR
1989-09-16	04 18 00.9	03°51.9'W	35°12.7'N	18	±0.9	±3	±4	43	SSIS	3.5		SE. ALHUCEMAS.MAC
1989-09-16	06 39 15.1	01°05.5'W	38°13.0'N	15	±0.6	±4	±5	9	SSIS	2.9		ABANILLA.MU
1989-09-16	16 08 45.3	04°32.3'W	35°00.0'N		±0.8	±3		20	SSIS	2.7		KETAMA.MAC
1989-09-18	08 15 45.1	02°03.0'E	42°13.9'N		±0.4	±1		15	SSIS	2.6		GOMBRENY.GE
1989-09-19	11 55 41.2	03°06.0'W	37°08.7'N		±0.5	±2		14	SSIS	2.5		ALDEIRE.GR
1989-09-22	19 21 55.2	01°55.4'W	37°22.5'N		±0.9			14	SSIS	2.6		HUERCAL-OVERA.AL
1989-09-23	09 56 03.6	03°29.2'W	37°43.1'N		±0.6	±2		18	SSIS	2.8		SIERRA MAGINA.J
1989-09-23	20 03 30.2	08°43.2'W	38°15.7'N	29	±0.6	±1	±2	63	SSIS	4.0	III-IV	FERRARIAS.PORT
1989-09-24	20 16 03.7	01°09.2'W	41°12.2'N	3	±0.7	±2	±2	29	SSIS	3.3		VISTABELLA.Z
1989-09-25	03 03 05.4	07°29.4'W	36°34.1'N	19	±0.4	±6	±6	14	SSIS	3.2		GOLFO DE CADIZ
1989-09-25	06 25 15.4	03°17.8'W	36°46.0'N		±0.4	±3		12	SSIS	2.9		POLOPOS.GR
1989-09-25	19 24 07.1	04°11.6'W	36°52.3'N	49	±0.7	±2	±3	36	SSIS	3.3		VIÑUELA.MA
1989-09-26	12 34 19.2	00°46.6'W	38°50.5'N		±0.7	±7		9	SSIS	2.9		MOGENTE.V
1989-09-26	20 59 10.1	02°29.6'W	37°40.3'N	3	±0.6	±2	±2	22	SSIS	2.6		ORCE.GR
1989-09-27	02 10 23.4	05°38.7'W	35°38.6'N	52	±0.8	±2	±4	64	SSIS	3.7		MELLOUSA.MAC
1989-09-27	02 10 47.8	05°35.2'W	35°37.4'N		±0.6	±3		19	SSIS	3.4	R	MELLOUSA.MAC
1989-09-27	20 00 26.5	10°46.5'W	36°02.8'N		±0.8	±3		60	SSIS	3.5		SW. CABO S.VICENTE
1989-09-27	23 57 00.7	02°56.6'W	37°52.5'N	18	±0.4	±2	±2	11	SSIS	2.8		SIERRA DEL POZO.J
1989-09-29	13 00 10.5	03°24.0'W	37°54.0'N		±0.6	±2		15	SSIS	2.8		N. JODAR.J
1989-10-02	06 04 36.1	05°54.2'W	38°11.9'N		±0.8	±4		12	SSIS	3.0		REINA.BA
1989-10-02	09 00 31.4	03°25.4'W	37°54.6'N		±0.7	±2		14	SSIS	2.7		NW. JODAR.J
1989-10-02	16 43 23.1	06°52.0'W	42°18.8'N		±0.6	±3		13	SSIS	2.7		SERRA DO EIXE.OR
1989-10-03	18 02 43.2	08°07.6'W	42°26.5'N		±0.7	±7		8	SSIS	2.6		CARBALLIÑO.OR
1989-10-04	13 15 41.4	06°33.0'W	36°08.4'N		±0.5	±5		8	SSIS	3.0		W. ESTRECHO GIBALTAR
1989-10-04	20 26 59.9	05°06.1'W	36°40.4'N	16	±0.9	±4	±4	23	SSIS	3.2		SIERRA DE OREGANAL.MA
1989-10-04	21 56 39.1	05°58.3'W	35°19.2'N		±0.9	±7		11	SSIS	2.9		ASILAH.MAC
1989-10-07	01 57 04.6	07°49.1'W	38°38.6'N		±0.9	±4		19	SSIS	3.4		EVORA.PORT
1989-10-07	04 45 11.4	03°38.3'W	37°06.3'N	3	±0.6	±1	±1	36	SSIS	3.2	IV-V	ALHENDIN.GR
1989-10-08	21 43 33.7	05°31.8'W	36°37.3'N		±1.0	±8		11	SSIS	2.7		UBRIQUE.CA
1989-10-11	01 17 59.2	04°09.9'W	37°11.6'N	3	±0.8	±1	±2	31	SSIS	3.1		LOJA.GR
1989-10-11	02 13 59.3	05°25.6'W	36°53.8'N		±1.0	±4		16	SSIS	2.6	P	ALGODONALES.CA
1989-10-11	02 20 04.0	05°25.3'W	36°55.4'N		±0.7	±3		17	SSIS	2.7	P	ALGODONALES.CA
1989-10-11	02 26 41.4	05°24.7'W	36°56.5'N		±0.8	±2		18	SSIS	2.5	P	ALGODONALES.CA
1989-10-11	02 31 13.6	05°25.9'W	36°56.7'N		±0.9	±3		15	SSIS	2.4	P	ALGODONALES.CA
1989-10-11	04 05 59.0	05°26.3'W	36°54.7'N		±0.5	±1		22	SSIS	2.9		ALGODONALES.CA
1989-10-11	05 15 49.9	04°11.3'W	37°10.3'N	8	±0.5	±1	±2	19	SSIS	2.6	R	LOJA.GR
1989-10-11	05 45 19.9	04°10.5'W	37°10.0'N	8	±0.6	±2	±2	21	SSIS	2.5	R	LOJA.GR
1989-10-11	07 09 16.2	04°10.8'W	37°09.8'N	9	±0.5	±2	±2	20	SSIS	2.7	R	LOJA.GR
1989-10-11	09 22 47.9	04°10.5'W	37°11.0'N	5	±0.6	±1	±2	24	SSIS	2.9	R	LOJA.GR
1989-10-11	17 14 23.2	03°44.5'W	35°20.2'N		±1.0	±4		23	SSIS	3.0		NE. ALHUCEMAS
1989-10-15	01 14 28.2	10°37.9'W	35°59.2'N		±0.9			13	SSIS	2.8		SW. CABO S.VICENTE

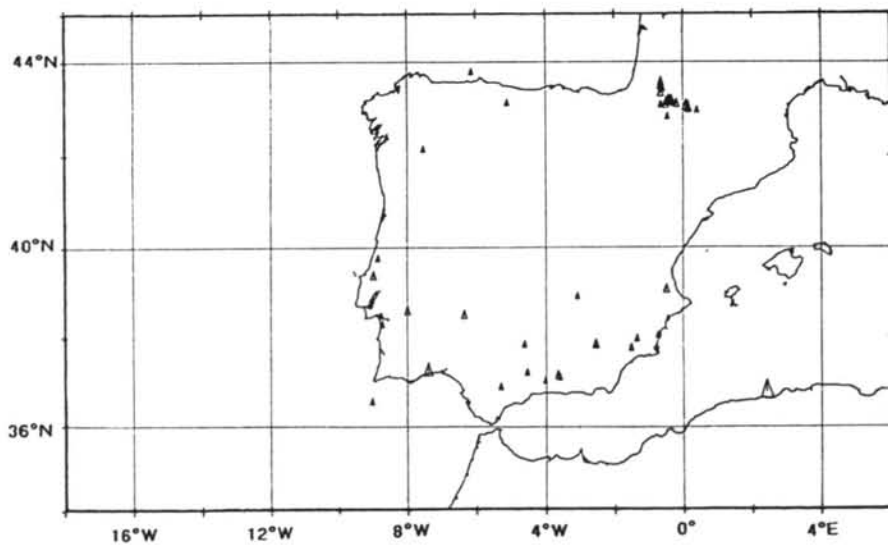
FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	KZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-10-15	16 00 31.8	09°39.1'W	37°04.5'N	28	±0.8	±5	±7	69	SSIS	3.9		W. CABO S.VICENTE
1989-10-16	03 16 09.1	06°20.6'W	38°28.8'N		±0.6	±1		42	SSIS	3.6	IV	LOS SANTOS MAIMONA.BA
1989-10-16	05 42 38.3	00°42.2'W	43°32.3'N		±0.6	±2		23	SSIS	3.2		MORLANNE.FR
1989-10-17	02 26 12.1	05°42.5'W	35°31.3'N	67	±0.9	±3	±8	28	SSIS	3.2		DAR CHAOUI.MAC
1989-10-18	01 44 27.3	05°09.2'W	36°58.1'N	9	±1.0	±5	±4	23	SSIS	2.9		ALCALA DEL VALLE.CA
1989-10-18	21 27 23.2	08°50.8'W	39°44.8'N	20	±0.8	±2	±2	50	SSIS	3.7	III-IV	LEIRIA.PORT
1989-10-21	05 24 56.4	03°35.0'W	37°03.8'N		±0.6	±1		32	SSIS	3.2	III-IV	DILAR.GR
1989-10-22	10 08 40.9	01°02.8'W	43°14.9'N		±0.8	±3		19	SSIS	3.0		ST.PALAIS.FR
1989-10-22	19 04 27.5	00°28.9'W	39°03.1'N	5	±0.7	±2	±2	29	SSIS	3.2	IV	JATIVA.V
1989-10-22	23 53 39.2	04°33.8'E	36°23.7'N	30	±0.7	±5	±9	34	SSIS	4.0		M'CHEDALLAH.ARG
1989-10-23	09 49 47.9	08°53.5'W	39°44.2'N	16	±0.4	±2	±2	17	SSIS	3.0		LEIRIA.PORT
1989-10-25	00 37 27.8	00°25.2'E	38°14.1'N	20	±0.6	±6	±4	10	SSIS	2.9		E. CABO SANTA POLA
1989-10-26	03 14 53.2	06°07.4'W	43°45.9'N		±0.6	±2		25	SSIS	3.4	III-IV S	N. CABO VIDIO
1989-10-29	16 07 24.7	03°54.2'W	36°54.0'N	65	±0.5	±2	±2	28	SSIS	3.0		SIERRA DE ALMIJARA.GR
1989-10-29	19 09 14.6	02°26.0'E	36°44.9'N	5	±0.8	±3	±4	69	SSIS	5.7	VIII S	NE. CHERCHELL
1989-10-29	19 20 54.3	02°26.5'E	36°46.1'N		±0.5	±5		12	SSIS	3.5	R	NE. CHERCHELL
1989-10-29	19 21 55.4	02°29.7'E	36°40.8'N	31	±0.8	±3	±5	73	SSIS	5.4	R	NE. CHERCHELL
1989-10-29	19 44 04.0	02°23.1'E	36°46.8'N	14	±0.6	±5	±6	33	SSIS	4.1	R	NE. CHERCHELL
1989-10-29	20 20 16.8	02°27.7'E	36°49.6'N	25	±0.8	±6	±9	30	SSIS	3.8	R	NE. CHERCHELL
1989-10-29	22 01 56.7	02°27.6'E	36°45.7'N	25	±0.5	±4	±7	27	SSIS	3.6	R	NE. CHERCHELL
1989-10-30	02 31 45.7	02°31.3'E	36°52.0'N		±0.6	±8		17	SSIS	3.6	R	NE. CHERCHELL
1989-10-31	04 13 40.9	02°25.0'E	36°49.2'N	13	±0.7	±5	±6	38	SSIS	3.9	R	NE. CHERCHELL
1989-10-31	04 16 54.1	02°29.3'E	36°50.8'N		±0.7	±6		22	SSIS	4.0	R	NE. CHERCHELL
1989-10-31	04 33 29.4	02°29.4'E	36°48.5'N		±0.5			9	SSIS	3.5	R	NE. CHERCHELL
1989-10-31	06 10 09.1	02°32.8'E	36°49.2'N		±0.4	±6		14	SSIS	3.6	R	NE. CHERCHELL
1989-10-31	07 09 42.6	05°51.2'W	36°24.8'N		±0.8	±5		10	SSIS	2.7		MEDINA SIDONIA.CA
1989-10-31	10 01 10.7	02°49.3'W	40°29.7'N	10	±0.4	±2	±4	14	SSIS	3.0		SACEDON.GU
1989-10-31	21 26 30.5	02°27.1'E	36°50.8'N	16	±0.6	±6	±8	37	SSIS	3.6	R	NE. CHERCHELL
1989-11-01	11 32 35.0	02°21.8'E	36°49.8'N	13	±0.6	±6	±8	37	SSIS	4.1	R	NE. CHERCHELL
1989-11-02	06 00 26.3	09°01.4'W	36°31.8'N	80	±0.7	±2	±5	72	SSIS	4.5	III-IV S	S. CABO SAN VICENTE
1989-11-04	15 12 46.5	02°13.9'E	36°58.3'N		±0.7	±7		21	SSIS	3.6	R	NE. CHERCHELL
1989-11-04	17 06 00.2	04°35.0'W	37°46.3'N		±0.7	±2		28	SSIS	3.2		SANTA CRUZ.CO
1989-11-04	20 08 08.4	02°20.9'E	36°45.2'N	9	±0.7	±4	±5	40	SSIS	4.5	R	NE. CHERCHELL
1989-11-05	11 38 21.8	02°28.4'E	36°46.3'N	19	±0.8	±4	±6	56	SSIS	4.6	R	NE. CHERCHELL
1989-11-07	03 01 01.6	02°05.1'W	38°07.6'N		±0.8	±2		41	SSIS	3.4		SIERRA VILLAFUERTE.MU
1989-11-08	05 26 04.5	03°39.1'W	37°02.0'N	10	±0.6	±2	±2	23	SSIS	2.7		PADUL.GR
1989-11-08	06 08 35.9	01°06.1'E	42°44.3'N	9	±0.7	±2	±2	24	SSIS	3.2		VALL D'ANEU.L
1989-11-08	19 22 03.1	04°39.1'W	35°52.0'N	110	±0.8	±6	±6	23	SSIS	3.2		ESTRECHO GIBRALTAR
1989-11-08	19 37 09.9	03°44.7'W	36°56.1'N	7	±0.7	±2	±2	24	SSIS	2.7		JAYENA.GR
1989-11-12	03 56 54.7	00°21.7'W	43°07.7'N		±0.9	±5		13	SSIS	2.8	IV	CASTET.FR
1989-11-13	10 51 50.9	03°49.5'W	37°50.4'N	18	±0.3	±2	±3	12	SSIS	2.9		FUERTE DEL REY.J
1989-11-14	06 55 21.6	04°16.6'W	36°48.5'N	24	±0.5	±3	±2	14	SSIS	2.8		EL BORGE.MA
1989-11-14	16 46 46.4	05°16.4'W	36°49.3'N		±0.6	±7		7	SSIS	2.4		SIERRA LAS CUMBRES.MA
1989-11-16	13 41 15.5	06°36.7'W	37°27.5'N	16	±0.3	±8	±7	8	SSIS	3.0		N. VILLARRASA.H
1989-11-17	15 59 33.6	02°23.4'E	36°59.4'N		±0.5			11	SSIS	3.5	R	NE. CHERCHELL
1989-11-18	04 52 25.9	00°49.1'W	43°19.5'N		±0.9	±3		22	SSIS	3.0		NAVARRENX.FR
1989-11-19	20 05 34.4	02°26.8'E	36°47.9'N		±0.6			10	SSIS	3.6	R	NE. CHERCHELL
1989-11-22	11 41 23.4	00°21.7'W	43°08.6'N		±0.6	±2		22	SSIS	3.2	III	CASTET.FR
1989-11-22	20 37 53.6	02°24.7'E	36°51.2'N	16	±0.8	±5	±6	38	SSIS	4.4	R	NE. CHERCHELL
1989-11-27	08 51 30.4	01°28.6'W	37°56.8'N	8	±0.5	±2	±3	13	SSIS	2.9		PLIEGO.MU
1989-11-27	18 41 36.5	07°59.3'W	38°33.7'N		±0.5	±3		21	SSIS	3.4	IV	EVORA.PORT
1989-11-28	13 54 29.7	03°21.0'W	37°16.4'N		±0.6	±2		21	SSIS	2.8		LA PEZA.GR
1989-11-30	16 51 17.4	06°52.7'W	42°17.9'N		±0.5	±2		13	SSIS	2.8		SERRA DO EIXE.OR
1989-12-01	09 00 42.9	01°27.0'W	37°54.5'N		±0.7	±2		14	SSIS	2.9		ALHAMA DE MURCIA.MU
1989-12-02	06 09 11.0	07°41.5'W	42°43.6'N	10	±0.3	±1	±2	9	SSIS	2.8		TABOADA.LU
1989-12-02	17 44 02.9	06°05.0'W	32°26.6'N		±0.8	±6		14	SSIS	3.3		KASBA TADLA.MAC
1989-12-02	19 42 27.9	00°56.6'W	42°46.9'N		±0.8	±2		28	SSIS	3.1		VALLE DEL RONCAL.NA
1989-12-03	16 29 31.0	01°20.5'W	37°56.2'N	15	±0.7	±3	±2	20	SSIS	3.0	III	N. LIBRILLA.MU
1989-12-05	12 58 28.1	00°38.7'W	43°04.3'N		±0.7	±2		25	SSIS	3.4	III	ARETTE.FR
1989-12-08	01 08 03.9	06°19.7'W	31°59.3'N		±0.9	±7		16	SSIS	3.5		AZILAL.MAC

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MB	INT	LOCALIZACIÓN
1989-12-08	02 53 05.9	04°30.9'W	35°15.7'N	16	±0.6	±2	±3	16	SSIS	3.0		NE. AL JABHA
1989-12-09	07 43 26.5	00°10.0'E	42°57.6'N		±0.3	±1		16	SSIS	2.8	III	BAGNERES DE BIGORRE.FR
1989-12-09	12 38 02.9	13°18.2'W	37°19.9'N		±0.7			23	SSIS	3.3		W. CABO SAN VICENTE
1989-12-09	15 54 05.1	01°11.7'W	37°47.6'N	8	±0.9	±7	±4	13	SSIS	2.9		N. FUENTE ALAMO.MU
1989-12-10	22 49 01.5	04°57.7'W	38°13.7'N		±0.8	±3		21	SSIS	2.9		ESPIEL.CO
1989-12-11	00 57 51.8	02°35.0'W	37°37.4'N		±0.6	±2		15	SSIS	2.9		CULLAR-BAZA.GR
1989-12-15	00 33 33.8	02°18.7'W	39°29.3'N	10	±0.8	±4	±9	10	SSIS	2.9		NE. SAN CLEMENTE.CU
1989-12-16	07 11 16.3	09°29.0'W	38°34.1'N	11	±0.5	±4	±2	12	SSIS	3.1		S. CABO RASO
1989-12-17	09 12 14.2	09°27.5'W	38°35.0'N	14	±0.4	±3	±2	10	SSIS	3.0	R	S. CABO RASO
1989-12-17	23 58 17.7	02°46.9'W	38°54.1'N	17	±0.2	±4	±3	7	SSIS	2.9		LAGUNAS DE RUIDERA.AB
1989-12-18	20 36 02.9	09°04.5'W	36°08.6'N		±0.8	±4		17	SSIS	3.4		S. CABO SAN VICENTE
1989-12-18	23 30 04.2	08°55.7'W	36°19.3'N	15	±1.0	±5	±6	16	SSIS	3.3		S. CABO SAN VICENTE
1989-12-20	00 51 13.2	07°14.0'W	36°26.3'N		±0.6	±2		33	SSIS	3.5		GOLFO DE CADIZ
1989-12-20	03 24 57.0	06°11.9'W	36°37.0'N	10	±0.3	±3	±5	8	SSIS	2.9	P	SW. JEREZ.CA
1989-12-20	04 15 05.0	07°23.5'W	37°13.5'N	23	±0.7	±1	±2	64	SSIS	5.0	VI	AYAMONTE.H
1989-12-20	09 45 25.6	06°17.0'W	36°31.6'N	10	±0.5	±5	±5	13	SSIS	3.0	P	SW. JEREZ.CA
1989-12-20	10 12 44.4	04°55.5'W	36°55.2'N	7	±0.5	±4	±6	11	SSIS	2.7		SIERRA DE ORTEGICAR.MA
1989-12-20	10 18 14.6	06°10.0'W	36°44.4'N		±0.8	±5		13	SSIS	3.0	P	SW. JEREZ.CA
1989-12-20	10 26 07.8	06°11.6'W	36°38.5'N		±0.3	±2		11	SSIS	3.2		SW. JEREZ.CA
1989-12-22	09 10 52.8	07°40.8'W	42°44.2'N	13	±0.4	±3	±3	11	SSIS	3.0		TABOADA.LU
1989-12-23	17 02 31.6	00°05.0'W	43°03.5'N	3	±0.5	±2	±2	21	SSIS	3.2		LOURDES.FR
1989-12-25	21 16 20.1	09°53.0'W	35°35.8'N	27	±0.9	±3	±7	39	SSIS	3.5		SW. CABO SAN VICENTE
1989-12-26	13 22 06.4	01°50.8'W	37°20.1'N		±0.7	±8		18	SSIS	3.1		CUEVAS DE ALMANZORA.AL
1989-12-31	17 11 25.9	08°22.3'W	36°34.3'N		±0.9			8	SSIS	3.3		S. CABO SAN VICENTE



MAGNITUD mb

- < 2.0
- 2.0 ≤ < 3.0
- ◻ 3.0 ≤ < 4.0
- ◻ 4.0 ≤ < 5.0
- ◻ 5.0 ≤



INTENSIDAD MSK

- < III
- III ≤ < IV
- ◻ IV ≤ < V
- ◻ V ≤ < VI
- ◻ VI ≤ < VII
- ◻ VII ≤ < VIII
- ◻ VIII ≤

LEYENDA

EST	Código de la estación.
I/E	Fase impulsiva (I) o emergente (E).
W	Peso de la lectura en el cálculo "4" Peso nulo, "9" Calculado con S-P.
HORA P	Hora de llegada de la primera fase. Horas minutos y segundos.
HORA S	Hora de llegada de la fase "S" correspondiente.
AMP	Amplitud del movimiento del suelo.
PER	Periodo en segundos.
DUR	Duración del registro del sismo en segundos.

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
02 ene 01h 53m 38.0s 42°09'N 07°45'W rms ±0.2s mb 2.1 ALLARIZ.OR																	
MVO	E		4 01 53 47.0	I 4	01 54 47.0				MLS	0		19 33 20.5					
ERUA	E		0 01 53 47.4	E 0	01 54 41.7	0.03	0.2	25	ISSF	0		19 33 21.6					
EZAM	E		0 01 53 50.9	E 0	01 54 51.0	0.03	0.2	30	SALF	0		19 33 22.4					
STS	E		0 01 53 55.2	E 0	01 55 03.1	0.02	0.2	25	LESF	0		19 33 22.9					
EMON	E		0 01 54 02.2	E 0	01 54 22.5			40	GRBF	0		19 33 26.1					
MTE				4	01 54 32.5				AVN	D		0 19 33 30.4					
04 ene 14h 44m 49.1s 39°05'N 00°42'W 6Km rms ±0.2s mb 2.3 NAVARRES.V																	
VIV	I		0 14 44 56.0	E 0	14 45 56.8				VDCF	0		19 33 38.6					
ECHE	I D		0 14 44 59.3	E 0	14 46 06.1	0.06	0.3	45	MTHF	0		19 33 39.0					
ACU	I C		0 14 45 00.3	E 0	14 45 08.7	0.04	0.3	32	LPO	C		0 19 33 39.2					
EVIA	E		0 14 45 15.0	E 0	14 45 48.8	0.03	0.3	53	LFF	D		0 19 33 41.4					
ETOR	E		9 14 45 28.8	E 0	14 46 22.5				MRB	D		0 19 33 42.1					
GUD	E		0 14 45 36.5						OLT	D		0 19 33 43.0					
05 ene 20h 24m 14.4s 37°02'N 03°51'W 11Km rms ±0.5s mb 2.3 AGRON.GR																	
ACHM	I		0 20 24 16.8						VAN	0		0 19 33 43.6	0	19 34 54.8			
APHE	I		0 20 24 17.4						ECRI	I C		0 19 33 44.2					300
ATEJ	I		0 20 24 17.6	E 0	20 24 38.7				SQD	0		0 19 33 44.5					
ALOJ	I		0 20 24 18.6	E 0	20 24 41.1				PERF	0		0 19 33 44.6					
ASMO	I		0 20 24 20.3	E 0	20 24 46.2				EBR	E		0 19 33 45.0	E 0	19 34 55.0			
AAPN	E		0 20 24 20.3	E 0	20 24 46.5				FONT	0		0 19 33 45.0					
AFC	I C		0 20 24 20.3	E 0	20 24 46.3	0.05	0.2	48	FBR	0		0 19 33 45.1					
MAL	E		0 20 24 25.0	I 0	20 24 55.5				EROQ	E C		0 19 33 45.3					310
EBAN	E		0 20 24 34.5	E 0	20 25 24.2	0.02	0.1	53	CAF	0		0 19 33 45.8					
EHOR	E		0 20 24 38.2	E 0	20 25 33.7			45	ETER	I D		0 19 33 46.4	E 0	19 34 58.6			310
ENIJ	E		0 20 24 38.3						ETOR	I C		0 19 33 53.4					410
06 ene 10h 53m 40.4s 37°26'N 03°57'W 22Km rms ±0.4s mb 2.7 ALCALA LA REAL.J																	
AAPN	I		0 10 53 44.8	E 0	10 54 34.2				ECHE	E C		0 19 34 04.0	E 0	19 34 49.0			220
ASMO	E		0 10 53 45.3	E 0	10 54 35.1				ESEL	I		0 19 34 07.4	E 0	19 34 59.9	0.31	0.5	250
ALOJ	I		0 10 53 46.7	E 0	10 54 39.7				GUD	I C		0 19 34 10.6	E 0	19 35 07.1			380
ACHM	I		0 10 53 46.9						TOL	I C		0 19 34 16.0	I 0	19 35 23.5	0.55	0.8	400
AFC	I C		0 10 53 48.1	E 0	10 54 41.6	0.05	0.2	45	ACU	E D		0 19 34 18.4	E 0	19 35 25.9	0.27	0.7	230
APHE	E		0 10 53 49.5	E 0	10 54 47.3				EVIA	E		0 19 34 21.4	E 0	19 35 37.9	0.70	0.7	380
ATEJ	E		0 10 53 49.9	E 0	10 54 47.3				PAB	I C		0 19 34 21.5	I 0	19 35 38.0			365
EBAN	I C		0 10 53 54.2	E 0	10 54 58.7			95	EALH	I C		0 19 34 28.2			0.35	1.0	210
EHOR	E		0 10 53 59.2	E 0	10 55 12.9	0.07	0.2	60	ERUA	I C		0 19 34 30.1	E 0	19 36 01.1			280
EPRU	E		0 10 54 00.5	E 0	10 54 14.7			55	EPLA	E C		0 19 34 30.8	E 0	19 36 03.3	0.43	0.8	300
EVIA	E		0 10 54 06.5	E 0	10 54 33.5	0.03	0.3	65	EMON	I D		0 19 34 31.9	E 0	19 36 04.4			230
GUD				E 0	10 55 05.0	0.01	0.4		EBAN	E C		0 19 34 32.0	E 0	19 36 07.5	0.14	0.5	345
06 ene 19h 33m 08.8s 43°01'N 00°09'E rms ±0.9s mb 4.1 V VALLEE DE CAMPAN.FR																	
EPF	C		0 19 33 11.8	0	19 33 26.0				MVO	I		0 19 34 32.3	I 4	19 34 32.3			
JAU	0		19 33 15.9	E 0	19 33 37.4				MTE	I		0 19 34 41.0	I 0	19 34 55.5			
OGE	0		19 33 17.7	E 0	19 33 42.7				ENIJ	E C		0 19 34 42.0			0.24	1.0	295
ESCF	0		19 33 18.4	E 0	19 33 44.6				STS	E		0 19 34 43.4	E 0	19 34 56.6	0.12	0.6	260
VIH	D		19 33 19.0						AFC	E C		0 19 34 43.5	E 0	19 34 57.5	0.19	0.8	305
LHE	0		19 33 19.2						EHOR	E C		0 19 34 45.7			0.44	1.0	340
ATE	0		19 33 20.1	E 0	19 33 49.7				EZAM	I C		0 19 34 45.8	E 0	19 35 03.8			230
07 ene 11h 58m 39.9s 42°38'N 01°20'W rms ±0.7s mb 2.6 LUMBIER.NA																	
ECRI	E		0 11 58 55.8	E 0	12 00 02.8	0.04	0.2	55	PTO	I		0 19 34 48.3	I 4	19 35 20.5			
EPF	0		11 59 02.6	0	11 59 24.2				COI	E		0 19 34 50.7	I 0	19 35 17.7			
AVN	0		11 59 09.2	4	11 59 43.3				MAL	E		0 19 34 55.0	I 0	19 35 28.5	0.26	0.8	190
ETOR	E		0 11 59 12.7	E 0	11 59 48.7	0.03	0.4	85	EPRU	E C		0 19 34 56.2			0.18	0.9	330
MLS	4		11 59 13.8	4	11 59 52.8				EVAL	I		0 19 34 58.0			0.15	0.7	305
SALF	4		11 59 14.0						EJIF	I		0 19 35 03.7			0.15	0.8	270
GRBF	4		11 59 18.6						FIG	I		0 19 35 11.5	I 4	19 36 50.0			
EROQ	E		9 11 59 23.0	E 0	12 00 14.0												
LPO	0		11 59 24.0	0	12 00 21.5												
LFF	0		11 59 24.7	0	12 00 22.7	0.01	0.4										
GUD	E		0 11 59 25.7	E 0	12 00 25.7												
CAF	0		11 59 31.2	0	12 00 41.6												
OLT	4		11 59 32.6														

EST I/E W HORA P I/E W HORA S AMP PER DUR

07 ene 14h 43m 13.2s 35°37'N 04°36'W 100Km
rms ±0.8s mb 3.4 ALBORAN

MAL I C O	14 43 33.6	I 0	14 44 24.2	0.08 0.3	
EJIF I D O	14 43 35.3	E 0	14 44 24.9		65
ATEJ I 0	14 43 36.5	I 0	14 44 32.0		
APHE I 0	14 43 38.0	I 0	14 44 37.5		
ALOJ I 0	14 43 39.9	E 4	14 44 44.9		
ACHM I 0	14 43 40.2	E 4	14 44 44.2		
IFR I 4	14 43 41.5	I 4	14 44 45.5		
AAPN I 0	14 43 43.2	I 4	14 44 50.9		
AFC E 0	14 43 44.5				60
ASMO I 0	14 43 45.1	I 4	14 44 57.6		
EHOR I D O	14 43 49.0	E 0	14 45 05.5	0.02 0.2	80
EVAL I D O	14 43 53.0	E 0	14 45 17.0	0.20 0.1	80
EBAN I D O	14 43 53.8	E 0	14 45 19.3	0.04 0.1	95
AVE I D 9	14 43 54.0	I 0	14 45 26.0		
EVIA E 0	14 44 05.4				
EPLA I C O	14 44 20.4				
GUD E 0	14 44 26.0	E 0	14 45 46.7		
ETOR E 0	14 44 33.0				

08 ene 02h 03m 59.0s 36°32'N 01°40'E 26Km
rms ±0.8s mb 3.7 DUPLEIX.ARG

ACU I C O	02 04 37.1	E 0	02 05 44.1	0.03 0.2	
EALH E 0	02 04 42.0	E 0	02 05 54.3		
ENIJ E 9	02 04 42.5	E 0	02 06 00.0	0.04 0.3	
ESEL I C O	02 04 48.0	E 0	02 06 15.3	0.03 0.3	
ECHE E 0	02 04 53.2	E 0	02 06 29.2	0.03 0.3	
TAF E 0	02 04 54.0				
EVIA I C O	02 04 55.5	E 0	02 04 56.5	0.07 0.6	
APHE I 0	02 05 02.0				
ASMO E 0	02 05 02.8				
EROQ I 0	02 05 03.2	E 0	02 05 54.2	0.02 0.2	
ACHM E 0	02 05 04.1				
EBAN E 0	02 05 05.4	E 0	02 06 01.4	0.02 0.4	
ATEJ E 0	02 05 06.0				
ALOJ E 0	02 05 07.5				
AAPN E 0	02 05 08.5				
MRB 0	02 05 13.3				
ETOR E 0	02 05 15.7				
AVN 0	02 05 16.9				
OLT 0	02 05 20.0				
GUD I 0	02 05 27.5	E 0	02 07 00.0		
SALF 0	02 05 29.0				
GRBF 0	02 05 30.4				
EPF 0	02 05 34.6	0	02 05 38.8		
LMR 0	02 05 49.0	0	02 06 20.2		
LRG 0	02 05 50.6				
FRF 0	02 05 53.6	0	02 06 32.4	0.01 0.4	

09 ene 01h 44m 27.0s 36°49'N 06°49'W 23Km
rms ±0.4s mb 3.0 GOLFO DE CADIZ

EVAL I D O	01 44 40.9	E 0	01 45 32.9	0.07 0.2	55
EJIF I 0	01 44 47.0				
EBAN I C O	01 45 09.0	E 0	01 45 49.0	0.02 0.2	75
EPLA E 0	01 45 16.5	E 0	01 46 09.5		75
EVIA E 0	01 45 23.4	E 0	01 46 30.9		
GUD E 0	01 45 31.5	E 0	01 46 51.2		

EST I/E W HORA P I/E W HORA S AMP PER DUR

12 ene 18h 32m 56.6s 37°26'N 03°54'W 34Km
rms ±0.5s mb 3.0 ALCALA LA REAL.J

ASMO E 0	18 33 02.0	E 0	18 33 09.5		
AAPN I 0	18 33 02.4	E 0	18 33 10.2		
ACHM E 0	18 33 03.8	E 0	18 33 13.5		
AFC I D O	18 33 04.0	E 0	18 33 14.4	0.10 0.2	55
ALOJ I 0	18 33 04.0	E 0	18 33 14.7		
ATEJ E 0	18 33 06.2	E 0	18 33 21.1		
APHE I 0	18 33 06.2	E 0	18 33 21.1		
EBAN I C O	18 33 09.5	E 0	18 33 29.5		85
MAL I D O	18 33 10.8	I 0	18 33 33.0	0.26 0.3	26
EHOR E 0	18 33 15.5	E 0	18 33 45.3	0.23 0.1	60
EPRU E 9	18 33 18.2	E 0	18 33 50.5		
EJIF E 0	18 33 20.3				
GUD E 9	18 33 59.3	E 0	18 35 34.9		

14 ene 22h 46m 49.5s 43°09'N 00°37'W 4Km
rms ±0.8s mb 2.7 OLORON-STE-MARIE.FR

ESCF D O	22 46 51.0	E 0	22 47 43.5		
ATE D O	22 46 51.0	E 0	22 47 43.6		
MADF D O	22 46 52.1	E 0	22 47 47.0		
EPF 0	22 47 02.5	0	22 47 14.6		
VIH 0	22 47 09.8	4	22 47 29.7		
SALF 0	22 47 14.9				
ECRI E 9	22 47 17.0	E 0	22 47 53.3	0.03 0.2	50
AVN 9	22 47 19.5	0	22 48 00.5		
LPO 0	22 47 23.4			0.01 0.3	
LFF 9	22 47 27.7	0	22 48 22.2	0.01 0.3	
EROQ 0	22 47 30.7	E 0	22 47 57.5	0.01 0.2	65
CAF 0	22 47 30.7	0	22 48 31.9	0.01 0.3	
OLT 0	22 47 31.4				
MRB 9	22 47 33.0	0	22 48 36.5		

20 ene 12h 38m 52.1s 33°15'N 06°41'W 23Km
rms ±1.2s mb 3.9 IV EZZHILIGA.MAC

AVE I 0	12 39 02.5	I 0	12 39 16.5		
RBA I 0	12 39 06.2	I 0	12 39 23.1		
IFR I 0	12 39 14.0	I 0	12 39 47.0		
PLAT E 0	12 39 37.5	E 0	12 40 47.5		
OJEN E 0	12 39 38.8				
MOMI E 0	12 39 41.0				
CNIL E 0	12 39 41.5				
EJIF E 0	12 39 43.0	E 0	12 41 03.0	0.16 0.5	205
TAF I 0	12 39 47.0	I 4	12 40 03.0		
EPRU I 0	12 39 50.3			0.10 0.5	200
FIG E 0	12 39 51.0	I 0	12 41 26.9		
MAL I C O	12 39 51.2	I 0	12 41 26.4	0.37 0.3	115
ATEJ E 0	12 39 53.2	I 0	12 39 54.3		
EVAL E 0	12 39 55.4	E 0	12 39 58.7	0.11 0.3	195
APHE E 0	12 39 56.2	E 0	12 40 00.8		
ALOJ I 0	12 39 57.4	E 4	12 40 09.7		
ACHM E 0	12 39 57.9	E 4	12 40 30.9		
AAPN I 0	12 39 59.7	I 0	12 40 11.3		
EHOR E 0	12 40 01.1	I 0	12 40 55.1	0.08 0.4	220
ASMO E 0	12 40 02.4	I 0	12 40 58.7		
AFC E 0	12 40 03.5	E 0	12 40 59.0		175
ENIJ E 0	12 40 08.0	E 0	12 41 14.0		145
EBAN E 0	12 40 10.2	I 0	12 41 20.2	0.07 0.2	185
MOE E 0	12 40 11.2	E 0	12 41 21.2		
LIS 0		E 0	12 41 22.0		
MTH E 0	12 40 21.5	E 0	12 41 46.0		
EVIA I 0	12 40 23.4	I 0	12 41 55.9	0.09 0.5	225

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR										
PAB	I	0	12 40 25.0	I	4	12 41 57.0			200	LIJA	E	4	23 49 18.0																
EPLA	I	C	0	12 40 29.6	I	0	12 40 32.6	0.04	0.4	180	AAPN	E	0	23 49 20.8	E	4	23 50 02.5												
TOL	E	0	12 40 31.0	E	0	12 40 39.0			150	ASMO	E	0	23 49 22.6	E	4	23 50 09.2													
MTE	E	0	12 40 34.3	I	0	12 40 45.5				EHOR	E	0	23 49 26.0	E	0	23 50 15.0	0.06	0.1	60										
GUD	I	C	0	12 40 40.8	E	0	12 41 04.3	0.03	0.4	240	EVAN	I	C	0	23 49 30.4	E	0	23 50 28.6	0.03	0.2	60								
MVO	E	0	12 40 44.7	I	0	12 41 12.9				EBAN	I	D	0	23 49 31.2	E	0	23 50 30.0	0.01	0.1	65									
ETOR	I	C	0	12 40 51.0	I	0	12 41 32.0	0.03	0.4	250	EPLA				E	0	23 50 44.6	0.01	0.2										
21 ene 18h 53m 30.6s 43°26'N 01°52'W 24Km rms ±0.3s mb 2.7 GOLFO DE VIZCAYA										28 ene 16h 26m 09.4s 37°47'N 02°32'W 6Km rms ±0.6s mb 2.8 III HUESCAR.GR																			
ECRI	I	0	18 53 47.8	E	0	18 54 47.2	0.05	0.2	35	ENIJ	E	0	16 26 24.6	E	0	16 27 00.3	0.02	0.2	40										
EPF	9	18 53 58.6		0	18 55 16.8	0.02	0.2			EALH				E	0	16 26 37.0			40										
VIH	9	18 54 05.5		0	18 54 35.7					EVIA	I	C	0	16 26 25.1	E	0	16 27 02.6	0.09	0.2	85									
AVN	9	18 54 11.9		0	18 54 52.7					EBAN	I	C	0	16 26 28.3	E	0	16 27 10.9	0.05	0.2	80									
ETOR	E	9	18 54 17.0	E	0	18 55 04.0				ASMO	I	0	16 26 28.9	I	4	16 27 14.9													
LPO	4	18 54 17.4		4	18 55 08.0					AFC	E	9	16 26 29.0	E	0	16 27 10.7	0.01	0.2	65										
RJF	0	18 54 16.6								APHE	E	0	16 26 31.9	E	4	16 27 23.5													
CAF	0	18 54 18.3		4	18 55 10.9					ACHM	E	4	16 26 33.4																
21 ene 22h 36m 05.8s 43°27'N 01°53'W 29Km rms ±0.1s mb 2.7 GOLFO DE VIZCAYA										29 ene 12h 33m 03.6s 35°53'N 04°41'W 100Km rms ±0.7s mb 3.1 ALBORAN																			
ECRI	I	0	22 36 22.3	E	0	22 36 56.8	0.05	0.2	30	MAL	E	0	12 33 21.0	I	0	12 33 57.0													
EPF	9	22 36 33.3		0	22 37 26.5	0.02	0.3			ATEJ	I	0	12 33 24.0	E	0	12 34 05.0													
VIH	9	22 36 40.3		0	22 37 45.0					EPRU	I	C	0	12 33 26.4	E	0	12 34 09.4			50									
AVN	9	22 36 47.6		0	22 38 03.6					APHE	I	0	12 33 26.5	E	0	12 34 12.4													
ETOR	E	9	22 36 51.7	E	0	22 38 13.0				ALOJ	E	0	12 33 27.6	E	4	12 34 14.7													
RJF	0	22 36 51.5								ACHM	E	0	12 33 28.4																
CAF	0	22 36 53.2								AAPN	E	0	12 33 30.5	E	4	12 34 21.4													
22 ene 20h 21m 53.2s 38°13'N 01°51'W 3Km rms ±0.3s mb 2.6 MORATALLA.MU										29 ene 15h 20m 23.0s 43°07'N 00°19'W 8Km rms ±0.4s mb 3.3 IV VALLEE D'OSSAU.FR																			
EALH	I	C	0	20 22 01.9	E	0	20 22 11.4	0.04	0.4	55	ESCF	0	15 20 26.5	E	0	15 20 55.9													
EVIA	E	0	20 22 05.0	E	0	20 22 19.8	0.06	0.2	105	ATE	0	15 20 28.1	E	0	15 21 00.7														
ACU	I	0	20 22 14.4	I	0	20 22 44.1	0.03	0.2	45	ISSF	C	0	15 20 29.6	E	0	15 21 04.7													
ENIJ	E	9	20 22 18.5	E	0	20 22 54.5	0.03	0.5	75	EPF	0	15 20 31.6	0	15 21 10.1															
EBAN	I	D	0	20 22 20.0	E	0	20 23 00.0	0.02	0.2	75	VIH	0	15 20 38.7	4	15 21 29.4														
ECHE	E	0	20 22 20.0	E	0	20 23 00.5	0.02	0.4	70	MLS	0	15 20 42.0																	
AFC	E	9	20 22 24.0	E	0	20 23 09.3			75	SALF	0	15 20 44.3																	
ASMO	E	4	20 22 24.4	I	4	20 23 15.0				GRBF	0	15 20 47.4																	
APHE	E	4	20 22 28.4	I	4	20 23 25.2				AVN	0	15 20 48.3	0	15 21 56.1															
ACHM	E	4	20 22 29.9	E	4	20 23 28.3				LPO	0	15 20 54.2																	
AAPN	E	4	20 22 31.4	E	4	20 23 30.8				ECRI	I	9	15 20 54.5	E	0	15 22 10.3	0.09	0.3	80										
ATEJ	E	4	20 22 33.5	E	4	20 23 36.4				LFF	0	15 20 55.8																	
PAB	E	4	20 22 36.0						90	CAF	0	15 21 01.8																	
ETOR	E	9	20 22 43.4	E	0	20 23 58.4	0.02	0.5	105	OLT	4	15 21 02.2																	
GUD	E	9	20 22 48.9	E	0	20 24 13.2	0.03	0.4	95	EBR	E	4	15 21 03.0																
27 ene 23h 48m 54.5s 35°55'N 04°40'W 90Km rms ±0.8s mb 3.3 ALBORAN										ETOR										I	C	0	15 21 05.2	E	0	15 21 40.7	0.04	0.4	120
OJEN	E	0	23 49 10.8							EROQ	E	9	15 21 06.3	E	0	15 21 40.8	0.07	0.2	100										
PLAT	E	0	23 49 12.8																										
MOMI	E	0	23 49 13.4																										
MAL				I	0	23 49 24.0																							
ATEJ	I	0	23 49 13.7	E	0	23 49 43.5																							
APHE	E	0	23 49 15.9	I	0	23 49 50.9																							
EPRU	E	0	23 49 16.8	E	0	23 49 48.3	0.01	0.2	55																				
ALOJ	I	0	23 49 17.1	E	0	23 49 51.6																							
ACHM	E	0	23 49 17.4																										

BOLETÍN DE SISMOS PRÓXIMOS AÑO 1989

I.G.N.

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
ETER	E	9	15 21 08.4	E 0	15 21 46.6	0.04	0.3	80
GUD	E	0	15 21 21.3	E 0	15 22 24.6			115
ECHE	E	9	15 21 29.0	E 0	15 22 38.0	0.04	0.4	95
PAB	E	0	15 21 33.0	E 0	15 22 58.5			125

29 ene 22h 41m 51.9s 37°48'N 02°33'W 1Km
rms ±0.8s mb 3.6 IV-V HUESCAR.GR

ENIJ	I	0	22 42 06.5			0.21	0.2	130
EVIA	I C	0	22 42 07.4	E 0	22 42 26.2			
EALH	E	0	22 42 07.4	E 0	22 42 28.1	0.20	0.4	140
ALM	E	0	22 42 08.0	E 0	22 42 30.8			
AFC	E	0	22 42 08.7	E 0	22 42 30.5	0.14	0.2	180
CRT	E	0	22 42 10.1	E 0	22 42 36.3			
ASMO	I	0	22 42 10.5	E 0	22 42 36.4			
EBAN	I C	0	22 42 10.7	E 0	22 42 35.4			205
APHE	I	0	22 42 14.4	E 0	22 42 46.9			
ACHM	I	0	22 42 15.1	E 4	22 42 48.8			
AAPN	I	0	22 42 16.6	I 0	22 42 52.0			
ALOJ	I	0	22 42 17.8	E 0	22 42 55.4			
ATEJ	I	0	22 42 18.7	E 4	22 42 58.5			
ACU	E	0	22 42 24.0	E 0	22 43 10.7	0.16	0.5	120
MAL	I C	0	22 42 24.3	I 4	22 43 15.3	0.61	0.8	75
EHOR	I C	0	22 42 26.0	E 0	22 43 19.2	0.17	0.2	190
ECHE	E	0	22 42 27.8			0.14	0.3	190
PAB	I	0	22 42 28.5	E 4	22 43 20.0			200
TOL	E	0	22 42 32.0			0.54	1.3	225
ETOR	E	0	22 42 40.2	E 0	22 43 55.2	0.20	0.5	210
GUD	E	0	22 42 41.5	E 0	22 43 58.1	0.09	0.4	220
EVIA	E	0	22 42 42.4	E 0	22 44 03.8	0.05	0.5	150
EPLA	E	0	22 42 46.0			0.12	0.5	175
EROQ	E	0	22 42 50.1	E 0	22 44 24.1			155

01 feb 23h 42m 04.0s 37°41'N 03°19'W
rms ±0.6s mb 2.3 CABRA STO.CRISTO.J

AFC	E	0	23 42 11.4	E 0	23 42 29.4	0.02	0.2	25
ASMO	I	0	23 42 12.1	I 0	23 42 30.9			
EBAN	E	0	23 42 15.0	I 0	23 42 38.2	0.03	0.2	60
AAPN	E	0	23 42 17.5	I 0	23 42 46.1			
APHE	E	0	23 42 17.8	E 0	23 42 47.4			
ALOJ	E	0	23 42 19.2	E 0	23 42 51.4			
ATEJ	E	0	23 42 22.2	E 4	23 42 58.9			
EVIA	E	0	23 42 25.5	E 0	23 43 06.0	0.03	0.2	42
EHOR	E	0	23 42 31.3	E 0	23 43 21.9			45

03 feb 12h 26m 03.0s 38°19'N 04°34'W
rms ±0.3s mb 2.2 VNUEVA DE CORDOBA.CO

EBAN	E	0	12 26 14.3			0.02	0.2	50
EHOR	E	0	12 26 16.3	E 0	12 26 42.3	0.02	0.2	35
AAPN	E	0	12 26 21.8	E 4	12 27 00.1			
ASMO	E	0	12 26 24.3	E 0	12 27 03.8			
ALOJ	I	0	12 26 25.5	E 4	12 27 10.4			
AFC	E	0	12 26 27.3	E 0	12 27 12.8			
ATEJ	E	0	12 26 29.3					
APHE	E	0	12 26 30.3	E 4	12 27 22.5			
EVIA	E	0	12 26 32.0	E 0	12 27 25.0	0.01	0.2	45
EPLA	E	9	12 26 44.0	E 0	12 27 54.8			42
GUD	E	9	12 26 50.0	E 0	12 28 08.5			55

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
03 feb 16h 33m 44.3s 36°52'N 12°56'W 30Km rms ±0.6s mb 3.6 ATLANTICO								

MTH	E	9	16 34 39.5	I 0	16 35 58.0			
MOE	I C	0	16 34 43.5	I 0	16 36 10.0			
FIG					0 16 35 29.5			
EVIA	E	0	16 34 57.4	E 0	16 35 08.7	0.06	0.4	120
MTE	E	0	16 35 04.5	E 0	16 36 09.0			
AVE	I	0	16 35 08.0	I 4	16 36 15.5			
EZAM	E	0	16 35 13.7	E 0	16 36 34.1			
MVO	E	0	16 35 14.0	E 0	16 36 35.3			
EHOR	E	0	16 35 14.3	E 0	16 36 34.3	0.02	0.3	130
EPLA	E	0	16 35 14.8	E 0	16 36 36.8			125
STS	E	0	16 35 23.7	E 0	16 37 00.0			100
ERUA	E	0	16 35 27.0	E 0	16 35 29.7			115
IFR	I	0	16 35 27.0	I 4	16 35 30.0			
EBAN	E	0	16 35 30.0	E 0	16 35 38.8	0.01	0.2	130
TIO	I	0	16 35 31.9	I 4	16 35 40.9			
EMON	E	0	16 35 36.5					115
GUD	E	0	16 35 36.5	E 0	16 35 56.5			160
EVIA	E	0	16 35 44.4	E 0	16 36 19.4			150
ETOR	E	0	16 35 57.3	E 0	16 36 54.3			130

04 feb 07h 00m 46.3s 37°42'N 03°29'W 8Km
rms ±0.6s mb 2.5 HUELMA.J

ASMO	E	0	07 00 52.4	E 0	07 01 52.2			
AFC	I C	0	07 00 53.7	E 0	07 01 54.7	0.03	0.2	55
EBAN	I D	0	07 00 55.7	I 0	07 01 58.7	0.04	0.2	65
AAPN	E	0	07 00 58.4	E 0	07 02 06.2			
ACHM	E	0	07 00 58.6	I 0	07 02 06.9			
APHE	E	0	07 00 59.9					
ALOJ	I	0	07 01 00.3	E 0	07 01 12.4			
ATEJ	E	0	07 01 02.0					
EVIA	I C	0	07 01 08.7	E 0	07 01 33.7	0.04	0.2	80
EHOR	E	0	07 01 10.6	E 0	07 01 39.6	0.02	0.2	60
ENIJ	E	9	07 01 11.0	E 0	07 01 38.6			45
PAB	E	4	07 01 22.0	E 0	07 02 04.0			75
GUD				E 0	07 02 07.3			80

04 feb 18h 25m 24.2s 36°11'N 09°45'W
rms ±0.7s mb 3.0 SW. CABO S.VICENTE

FIG					0 18 26 12.7			
MOE					0 18 26 31.5			
MTH					0 18 26 35.8			
EVIA	E	0	18 26 07.4	E 0	18 26 44.4	0.01	0.3	90
AVE	I C	0	18 26 15.2	I 0	18 27 09.2			
EPRU	E	0	18 26 20.0	E 0	18 27 20.2			
EHOR	E	0	18 26 22.2	E 0	18 27 26.6			90
IFR	I	0	18 26 31.0	I 4	18 27 50.0			
EPLA				E 0	18 27 27.0			
EBAN	E	0	18 26 40.0	E 0	18 28 14.0	0.01	0.2	
TIO	I	0	18 26 45.4	I 0	18 26 50.9			
GUD				E 0	18 26 21.0			

07 feb 00h 37m 51.3s 36°31'N 01°42'E
rms ±0.5s mb 3.5 DUPLIEX.ARG

ACU	I C	0	00 38 30.2	E 0	00 39 29.7	0.05	0.4	65
ENIJ	E	0	00 38 37.5	E 0	00 39 50.9	0.01	0.3	75
ESEL	E	0	00 38 41.2	E 0	00 39 59.9	0.02	0.2	75
EVIA				E 0	00 39 32.7	0.02	0.3	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
ECHE	E	0	00 38 46.2	E 0	00 40 14.0	0.01	0.3	70	PAB	E	4	15 56 12.0	E 4	15 56 56.0			70	
EROQ	E	0	00 38 56.0	E 0	00 38 59.4			85	GUD	E	9	15 56 24.5	E 0	15 57 30.3				
EBAN	E	0	00 38 59.7															
GUD	E	0	00 39 20.4															
EPF	9	00 39 28.6		0	00 41 07.1													
LMR	0	00 39 42.1		4	00 40 05.4													
FRF	0	00 39 46.1		0	00 40 16.3													
CVF	0	00 39 48.0		4	00 40 21.4													
<hr/>																		
09 feb 01h 14m 19.8s 39°20'N 00°16'E 14Km rms ±0.6s mb 3.5 GOLFO DE VALENCIA																		
ACU	I	0	01 14 37.3	E 0	01 15 27.8	0.06	0.2	75	SQD	0	03 25 47.9	0	03 26 39.6					
ECHE	E	0	01 14 37.7	E 0	01 15 28.2	0.22	0.4	120	FONT	c	0	03 25 48.1	0	03 26 40.1				
EROQ	I	c	01 14 44.0	E 0	01 15 48.0	0.12	0.2	120	OLT	d	0	03 25 50.8	0	03 26 47.2				
EBR	E	0	01 14 44.0	E 0	01 15 49.0				ETER	I	c	0	03 25 52.3	E 0	03 26 51.7	0.07	0.2	40
ESEL	I	0	01 14 51.6					100	PERF	0	03 25 55.4							
EVIA	E	0	01 14 55.7	E 0	01 16 18.2	0.09	0.3	125	VDCF	0	03 25 58.5							
EALH	E	9	01 14 59.0	E 0	01 16 21.3				MTHF	0	03 26 03.8							
AVN	0	01 14 59.6							GRBF	4	03 26 11.2							
MRB	0	01 15 00.1							AVN	0	03 26 10.9							
ENIJ	E	0	01 15 08.0						SALF	0	03 26 11.2							
OLT	0	01 15 09.5							VIH	0	03 26 13.5	0	03 26 49.7					
EBAN	I	c	01 15 10.1	E 0	01 15 59.3	0.02	0.3	105	MLS	0	03 26 14.0	4	03 26 51.0					
VIH	0	01 15 10.4							LESF	4	03 26 14.3							
PAB	I	0	01 15 13.0	I 0	01 16 08.0			145	EPF	0	03 26 19.2					0.01	0.3	
SALF	0	01 15 13.7							EROQ	E	9	03 26 23.6	E 0	03 27 13.0	0.02	0.3	60	
ETER	E	0	01 15 13.7						LPO	9	03 26 40.8	0	03 27 59.4					
GUD	I	c	01 15 15.0	E 0	01 16 11.0	0.02	0.5	150	<hr/>									
GRBF	0	01 15 15.1							11 feb 20h 51m 22.2s 42°57'N 00°24'E 13Km rms ±0.3s mb 3.0 III ARREAU.FR									
ASMO	E	0	01 15 15.8	E 4	01 16 31.0				EPF	0	20 51 25.1	0	20 51 52.4					
EPF	0	01 15 16.4		0	01 16 13.0	0.02	0.3		BAR	0	20 51 28.6	0	20 52 02.3					
ACHM	E	0	01 15 19.2						VIH	d	0	20 51 29.9	0	20 52 05.9				
APHE	E	0	01 15 19.7						MLS	c	0	20 51 30.8	4	20 52 07.3				
AAPN	E	0	01 15 20.5						JAU	c	0	20 51 32.5	E 0	20 52 12.8				
ALOJ	E	4	01 15 23.0						SALF	0	20 51 33.2							
EHOR	E	0	01 15 26.6	E 0	01 16 45.3				LESF	4	20 51 35.4							
ECRI	I	9	01 15 38.0	E 0	01 17 00.0	0.06	0.4	115	ESCF	d	0	20 51 35.4	E 0	20 52 20.5				
LPO	0	01 15 38.7				0.01	0.5		ATE	d	0	20 51 37.0	E 0	20 52 25.5				
<hr/>																		
09 feb 10h 19m 20.9s 42°23'N 08°35'W rms ±0.5s mb 3.1 III SE. PONTEVEDRA.PO																		
EZAM	I	d	0 10 19 25.4					80	GRBF	0	20 51 37.1							
STS	E	0	10 19 29.7	E 0	10 20 06.4			80	ISSF	d	0	20 51 38.2	E 0	20 52 27.9				
ERUA	I	0	10 19 39.9	E 0	10 20 34.7	0.12	0.2	70	AVN	c	0	20 51 42.4	0	20 52 39.0				
MVO	E	0	10 19 50.2	I 0	10 21 02.1				VDCF	4	20 51 49.7							
MTE	E	9	10 20 01.0	I 0	10 20 27.5				LPO	0	20 51 52.1					0.07	0.3	
EPLA	E	0	10 20 07.7	E 0	10 20 50.1	0.02	0.3	100	OLT	4	20 51 54.6	4	20 53 12.7					
GUD	E	0	10 20 18.8	E 0	10 21 21.1	0.01	0.3	140	LFF	0	20 51 54.4					0.09	0.4	
PAB	E	4	10 20 28.0	E 0	10 21 41.0			120	FONT	4	20 51 55.5							
<hr/>																		
10 feb 15h 55m 15.9s 37°44'N 01°32'W rms ±0.2s mb 2.5 TOTANA.MU																		
EALH	I	d	0 15 55 18.7	E 0	15 55 39.5			65	MRB	9	20 51 56.1	0	20 53 13.8					
ENIJ	E	0	15 55 32.8	E 0	15 56 18.3	0.07	0.4	52	ETER	E	9	20 51 58.0	E 0	20 53 19.8	0.06	0.3	65	
EVIA	E	0	15 55 37.4	E 0	15 56 31.4	0.07	0.2	55	CAF	0	20 51 58.6					0.04	0.3	
ACU	E	0	15 55 37.5	E 0	15 56 32.1			40	EROQ	E	9	20 52 02.0	E 0	20 52 29.3	0.05	0.3	105	
ASMO	E	4	15 55 49.0	I 4	15 57 03.5				ECRI	E	9	20 52 03.0	E 0	20 52 32.1	0.04	0.4	95	
AFC	E	9	15 55 50.4	E 0	15 57 02.6	0.02	0.5	55	ETOR	E	9	20 52 14.5	E 0	20 53 02.0	0.02	0.5	95	
APHE	E	4	15 55 51.0	E 4	15 57 08.0				GUD	E	9	20 52 25.3	E 0	20 53 36.8	0.01	0.5	95	
ECHE	E	9	15 55 53.0	E 0	15 57 10.4	0.01	0.3	65	<hr/>									
AAPN	E	4	15 55 53.0	I 4	15 57 17.0				11 feb 20h 57m 20.5s 37°03'N 05°20'W rms ±0.7s mb 2.9 SIERRA SAN JUAN.SE									
<hr/>																		
EPRU	I	d	0 20 57 21.4					58	EPRU	I	d	0	20 57 21.4					58
EJIF	E	0	20 57 31.7	E 0	20 58 10.9			60	EJIF	E	0	20 57 31.7	E 0	20 58 10.9				60
EHOR	I	d	0 20 57 34.6	I 0	20 58 19.7	0.08	0.2	95	EHOR	I	d	0	20 57 34.6	I 0	20 58 19.7	0.08	0.2	95
MAL	E	0	20 57 36.0	E 4	20 58 25.0				MAL	E	0	20 57 36.0	E 4	20 58 25.0				
AAPN	I	0	20 57 38.5	I 0	20 58 31.0				AAPN	I	0	20 57 38.5	I 0	20 58 31.0				
ALOJ	I	0	20 57 38.7	I 4	20 58 32.7				ALOJ	I	0	20 57 38.7	I 4	20 58 32.7				
ATEJ	I	0	20 57 40.0	I 0	20 58 36.0				ATEJ	I	0	20 57 40.0	I 0	20 58 36.0				
ACHM	E	0	20 57 43.0	E 0	20 58 40.5				ACHM	E	0	20 57 43.0	E 0	20 58 40.5				
Eval	I	c	0 20 57 43.3	E 0	20 58 43.7	0.04	0.2	90	Eval	I	c	0	20 57 43.3	E 0	20 58 43.7	0.04	0.2	90
APHE	I	0	20 57 44.5	I 4	20 58 50.5				APHE	I	0	20 57 44.5	I 4	20 58 50.5				

EST	I/E	M	HORA P	I/E W	HORA S	AMP	PER	DUR
CRT	E	0	20 57 46.5					
AFC	E	0	20 57 47.0	E 0	20 58 52.5	0.02	0.2	
EBAN	I C	0	20 57 48.3	E 0	20 58 59.3	0.05	0.2	90
PAB	E	9	20 58 10.0	E 0	20 58 53.0			75
EPLA	E	9	20 58 18.0	E 0	20 59 12.7	0.03	0.3	90
GUD	E	9	20 58 29.5	E 0	20 59 40.9	0.02	0.5	95

12 feb 12h 02m 20.5s 36°20'N 02°44'E
rms ±0.8s mb 4.4 MEDEA.ARG

ACU	I D	0	12 03 10.6	E 0	12 03 59.1	0.28	0.6	260
ESEL	I C	0	12 03 13.1	E 0	12 04 05.1			300
EALH	E	0	12 03 15.4	E 0	12 04 12.7	0.10	0.5	275
ENIJ	E	0	12 03 19.3	E 0	12 04 24.0	0.19	0.4	280
ALM	E	0	12 03 24.9	E 0	12 04 34.0			
ECH	E	0	12 03 26.0	E 0	12 04 42.0	0.35	0.8	285
TAF	I D	0	12 03 26.5					285
EVIA	E	0	12 03 31.0	E 0	12 04 55.8	0.26	0.5	280
EBR	E	0	12 03 32.0					
EROQ	I D	0	12 03 32.2	E 0	12 04 58.2	0.37	0.8	310
AFC	E	0	12 03 36.3	E 0	12 05 09.8	0.17	0.7	230
APHE	I	0	12 03 37.0	E 0	12 05 10.0			
CRT	I	0	12 03 38.0	E 4	12 05 15.0			
MRB			12 03 39.2					
ACHM	E	0	12 03 40.5	E 4	12 03 42.5			
ATEJ	I	0	12 03 40.5	I 0	12 03 41.0			
EBAN	I D	0	12 03 41.2	E 0	12 03 43.8	0.10	0.5	250
AAPN	I	0	12 03 42.5	I 4	12 05 21.0			
ALOJ	I	0	12 03 43.0	I 0	12 03 46.5			
AVN			12 03 45.3					
OLT			12 03 46.4					
ETOR	E	0	12 03 47.7	E 0	12 03 58.1	0.07	0.5	310
ETER	E	0	12 03 48.8	E 0	12 04 01.6	0.14	0.7	220
PAB	I	0	12 03 53.5	E 0	12 04 20.5			360
VIH			12 03 54.2					
TOL	I C	0	12 03 55.0	I 4	12 04 32.0			270
EHOR	E	0	12 03 55.2	E 0	12 04 24.2	0.09	0.8	270
GUD	I C	0	12 04 00.8	E 0	12 05 17.8	0.08	0.7	290
EPF			12 04 02.8	0	12 05 19.6	0.06	0.6	
IFR	I D	0	12 04 03.0					
LMR			12 04 10.0	4	12 05 38.8	0.03	0.4	
EVAL	E	0	12 04 11.0	E 0	12 05 46.5			235
LRG			12 04 11.2	4	12 05 42.2	0.05	0.4	
FRF			12 04 13.4	4	12 05 48.9			
EPLA	E	0	12 04 14.3	E 0	12 04 15.8	0.04	0.6	265
AVE	I	0	12 04 29.0					
ERUA	E	0	12 04 39.8	E 0	12 05 26.8			230
TIO	I	0	12 04 43.9					

15 feb 00h 04m 04.7s 37°00'N 04°01'W
rms ±0.5s mb 3.4 III ALHAMA DE GRANADA.GR

ATEJ	I	0	00 04 06.7					
ALOJ	I	0	00 04 06.9	E 4	00 04 19.0			
ACHM	I	0	00 04 07.9	I 0	00 04 19.3			
APHE	I	0	00 04 09.0	E 0	00 04 21.1			
AAPN	I	0	00 04 09.9	I 0	00 04 24.0			
ASMO	I	0	00 04 11.7	E 0	00 04 30.4			
CRT	I	0	00 04 11.8	E 0	00 04 29.3			
MAL	I C	0	00 04 12.0	I 0	00 04 29.0	3.00	0.8	112
AFC	I C	0	00 04 12.6	E 0	00 04 31.2			140
EBAN	I D	0	00 04 26.2	E 0	00 05 08.1			150
ALM	E	0	00 04 27.6	I 4	00 05 15.5			90
EHOR	E	0	00 04 27.7	E 0	00 05 13.8	0.11	0.2	165
EJIF	E	0	00 04 28.9	E 0	00 05 15.0			155
ENIJ	I C	0	00 04 30.4	E 0	00 05 20.4	0.11	0.4	135

EST	I/E	M	HORA P	I/E W	HORA S	AMP	PER	DUR
EMEL	E	0	00 04 36.0	E 0	00 05 36.5			
EVIA	E	0	00 04 38.5	E 0	00 05 42.0	0.31	0.4	155
EALH	E	0	00 04 42.0	E 0	00 05 51.7			120
EVAL	E	0	00 04 42.0	E 0	00 05 52.1	0.07	0.5	140
TOL	E	0	00 04 51.0			0.09	0.8	150
PAB	E	9	00 04 52.0	E 0	00 06 15.0			
ACU	E	9	00 04 58.2	E 0	00 06 34.2			100
EPLA	E	0	00 04 59.1	E 0	00 06 38.4	0.05	0.5	175
ECH	E	0	00 05 00.3	E 0	00 05 41.3	0.04	0.5	130
IFR	I	0	00 05 01.0					
GUD	E	0	00 05 01.3	E 0	00 05 44.8	0.04	0.4	190
ETOR	E	0	00 05 07.6			0.04	0.4	150
MOE	E	4	00 05 07.5	E 0	00 05 54.5			
MTE	E	0	00 05 11.2					
MVO	I C	0	00 05 16.4	I 4	00 06 25.5			

15 feb 00h 33m 14.3s 37°48'N 02°30'W
rms ±0.7s mb 2.4 HUESCAR.GR

ENIJ	E	0	00 33 30.0	E 0	00 34 11.0			35
EVIA	E	0	00 33 30.0	E 0	00 34 11.0	0.04	0.2	45
EBAN	I C	0	00 33 33.4	E 0	00 34 21.9	0.02	0.2	45
ASMO	I	0	00 33 33.9	I 4	00 34 25.6			
APHE	I	0	00 33 37.2					
ACHM	E	0	00 33 38.5					
AAPN	I	0	00 33 39.4	I 0	00 34 37.9			
ALOJ	I	0	00 33 40.9	I 4	00 34 43.9			
ATEJ	I	0	00 33 41.4	E 4	00 34 45.1			
EHOR	E	0	00 33 49.0	I 0	00 35 04.9			

15 feb 01h 54m 06.9s 37°00'N 03°59'W
rms ±0.5s mb 2.6 ALHAMA DE GRANADA.GR

ATEJ	I	0	01 54 08.7	E 4	01 54 20.5			
ALOJ	I	0	01 54 08.9	E 0	01 54 21.3			
ACHM	I	0	01 54 09.9	E 4	01 54 23.8			
APHE	I	0	01 54 11.0	E 4	01 54 28.4			
AAPN	E	0	01 54 12.0	I 0	01 54 28.3			
ASMO	E	0	01 54 13.8	I 0	01 54 33.6			
MAL	I D	0	01 54 14.3	I 4	01 54 32.3	0.81	0.7	50
AFC	E	0	01 54 14.5	E 0	01 54 35.5	0.07	0.2	100
EBAN	E	0	01 54 28.5	E 0	01 55 13.0	0.03	0.2	100
EHOR	E	0	01 54 30.2	E 0	01 55 18.0	0.05	0.3	95
EJIF	E	0	01 54 30.7	E 0	01 55 19.7			100
ENIJ	E	0	01 54 32.7	E 0	01 55 24.2	0.03	0.4	100
EVIA	E	0	01 54 41.6	E 0	01 55 47.6	0.11	0.6	105
EVAL	E	0	01 54 45.0	E 0	01 55 57.3	0.02	0.3	85
PAB	E	0	01 54 48.5	E 4	01 56 05.5			120
GUD	E	9	01 55 15.0	E 0	01 56 12.3			105

15 feb 19h 58m 13.4s 38°21'N 08°07'W 16Km
rms ±0.8s mb 3.1 VIANA ALENTEJO.PORT

MOE	I C	0	19 58 18.7	I 0	19 58 41.7			
EVAL	E	0	19 58 36.0	E 0	19 59 29.0	0.09	0.2	90
MTH			19 58 44.0					
LIS			19 58 45.0					
EPLA	E	0	19 58 50.0	E 0	20 00 07.2	0.03	0.2	100
EHOR	E	0	19 58 50.5	E 0	20 00 08.2	0.04	0.2	95
MTE	E	9	19 58 51.5	I 0	20 00 07.5			
MVO	E	0	19 58 59.5	E 0	20 00 32.9			
EBAN	E	0	19 59 05.0	E 0	19 59 47.0	0.01	0.2	100
PAB	E	4	19 59 09.5	I 4	19 59 58.0			120
GUD	E	0	19 59 10.0	E 0	20 00 02.0	0.02	0.5	135

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
19 feb 01h 21m 32.6s 37°32'N 15°18'W rms ±0.7s mb 3.5 ATLANTICO								
LIS				E 0	01 23 44.0			
MTH					0 01 23 44.5			
MOE					0 01 23 58.0			
MTE E	0	01	23 11.5	E 0	01 24 36.0			
EVAl				E 0	01 24 25.7	0.01	0.2	
MVO E	0	01	23 20.0	E 0	01 24 59.6			
EPLA E	0	01	23 24.3	E 0	01 23 32.8			
EHOR E	0	01	23 29.0	E 0	01 23 44.0			
PAB E	0	01	23 40.0	E 4	01 24 28.0			150
EBAN				E 0	01 23 43.6			
GUD I C	0	01	23 45.8	E 0	01 24 31.8			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
20 feb 03h 25m 36.8s 38°54'N 03°05'W 7Km rms ±0.4s mb 3.6 III-IV ALHAMBRA.CR								
EVIA I D	0	03	25 46.3					260
EBAN I C	0	03	25 53.6	E 0	03 26 59.6			230
PAB E	0	03	25 58.0	E 0	03 27 13.0			360
TOL I	0	03	25 58.3	E 0	03 27 14.3	0.90	0.8	200
ASMO E	0	03	26 04.2	E 4	03 26 27.2			
AFC E	0	03	26 05.0	E 0	03 26 31.0	0.11	0.3	180
EALH E	9	03	26 06.4	E 0	03 26 33.7	0.05	0.2	100
AAPN E	0	03	26 06.5	E 4	03 26 31.2			
ECHE E	0	03	26 07.0	E 0	03 26 36.5	0.17	0.2	190
ACHM E	0	03	26 08.2	E 0	03 26 40.6			
ALOJ E	0	03	26 08.8	E 4	03 26 39.6			
GUD E	0	03	26 08.7	E 0	03 26 41.7			260
APHE E	0	03	26 09.5	E 4	03 26 42.0			
EHOR E	0	03	26 10.0	E 0	03 26 44.0	0.18	0.2	220
ETOR I C	0	03	26 11.0	E 0	03 26 46.4	0.12	0.2	250
ACU I D	0	03	26 11.0	E 0	03 26 48.0	0.06	0.2	145
ATEJ E	0	03	26 11.1	E 0	03 26 47.4			
ENIJ E	9	03	26 13.5	E 0	03 26 51.9	0.15	0.3	180
EPLA I D	0	03	26 18.0	E 0	03 27 06.0	0.10	0.3	215
MAL I C	9	03	26 21.0	I 0	03 27 11.8	0.26	0.4	80
ALM E	4	03	26 22.8	I 4	03 27 03.8			
EPRU E	9	03	26 24.6	E 0	03 27 19.6	0.02	0.3	150
EVAl	0	03	26 25.2	E 0	03 27 27.6	0.10	0.3	225
EROQ E	0	03	26 28.0	E 0	03 27 34.4	0.05	0.2	190
MVO I D	0	03	26 33.5	I 4	03 28 10.5			
MTE E	0	03	26 34.5	I 4	03 28 06.0			
EJIF E	9	03	26 34.8	E 0	03 27 45.5			130
ECRI				E 0	03 27 16.5	0.08	0.2	120
AVN					0 03 27 42.0			
EBR E	4	03	26 40.5	E 4	03 28 01.5			
EPF					0 03 26 49.7			
MTH					0 03 27 42.0			
MOE E	4	03	26 54.5	E 0	03 28 21.5			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
20 feb 20h 52m 28.8s 43°07'N 05°06'W 9Km rms ±0.6s mb 3.7 III-IV PTO. VENTANIELLA.0								
EMON E	0	20	52 56.5					160
ERUA I C	0	20	52 57.0	E 0	20 54 15.5	0.18	0.2	150
MVO I C	0	20	53 06.8	I 4	20 53 40.8			
ECRI E	9	20	53 03.0	E 0	20 53 30.0			145
STS I	0	20	53 08.6	E 0	20 53 47.9			135
GUD I D	0	20	53 09.0	E 0	20 53 48.5	0.14	0.3	245
EZAM E	0	20	53 12.3	E 0	20 53 57.9			
EPLA E	0	20	53 17.0	E 0	20 54 10.0	0.15	0.4	190
TOL E	0	20	53 19.0			0.09	0.6	200
PTO I D	0	20	53 19.3	I 4	20 54 23.3			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
21 feb 01h 31m 04.4s 36°58'N 04°21'W rms ±0.7s mb 2.6 VILLANUEVA ROSARIO.MA								
MTE E	0	20	53 20.0	E 0	20 54 17.0			
PAB E	0	20	53 24.0	E 4	20 54 27.0			230
COI I	0	20	53 26.8	I 4	20 54 34.8			
ETOR E	9	20	53 31.0	E 0	20 54 39.0	0.11	0.5	225
EPF	4	20	53 31.4	4	20 54 43.7	0.02	0.3	
VIH					0 20 53 35.0			
AVN					0 20 53 36.5			
LFF					0 20 53 37.3			
ECHE E	0	20	53 39.0	E 0	20 55 10.0	0.02	0.3	
LPO					0 20 53 39.3			
EROQ E	0	20	53 39.5	E 0	20 55 10.5	0.07	0.5	
EVIA E	0	20	53 42.2	E 0	20 55 19.2	0.10	0.5	
EVAl E	0	20	53 51.3	E 0	20 54 05.0	0.10	0.9	
OLT					0 20 53 52.8			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
21 feb 01h 31m 04.4s 36°58'N 04°21'W rms ±0.7s mb 2.6 VILLANUEVA ROSARIO.MA								
MAL I C	0	01	31 08.0	I 0	01 31 19.5			
ALOJ I	0	01	31 08.5	I 0	01 31 21.3			
ATEJ I	0	01	31 09.2	I 0	01 31 22.8			
AAPN E	0	01	31 11.2	E 0	01 31 28.5			
ACHM I	0	01	31 12.1	E 0	01 31 31.6			
APHE E	0	01	31 13.2	E 0	01 31 35.1			
ASMO E	0	01	31 14.9	E 4	01 31 41.0			
AFC E	0	01	31 17.0	E 0	01 31 44.0			60
EPRU E	0	01	31 18.4	E 0	01 31 46.8	0.02	0.4	60
EJIF E	0	01	31 23.5	E 0	01 32 02.3			70
EHOR E	0	01	31 23.8	E 0	01 32 02.5	0.03	0.2	53
PAB E	4	01	31 50.0	E 4	01 33 19.0			70
GUD E	0	01	32 00.3					

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
22 feb 00h 00m 48.9s 37°44'N 01°30'W 5Km rms ±0.2s mb 2.9 III TOTANA.MU								
EALH I D	0	00	00 51.6	E 0	00 01 45.6			105
ENIJ E	0	00	01 05.8	E 0	00 01 24.5	0.14	0.4	115
ACU E	0	00	01 09.8	E 0	00 01 35.8	0.08	0.8	85
EVIA E	0	00	01 10.3	E 0	00 01 37.1	0.17	0.3	135
EBAN E	0	00	01 20.1	E 0	00 02 03.4	0.03	0.2	100
AFC E	9	00	01 20.2	E 0	00 02 02.2	0.04	0.4	100
ASMO I	4	00	01 21.7	I 4	00 02 08.6			
APHE E	4	00	01 23.6	E 4	00 02 13.2			
ACHM E	4	00	01 25.1	E 4	00 02 20.7			
AAPN I	4	00	01 25.9	I 4	00 02 21.9			
ECHE E	9	00	01 26.0	E 0	00 02 15.7	0.03	0.3	115
ALOJ E	4	00	01 26.9	E 4	00 02 23.4			
ATEJ E	4	00	01 27.0	E 4	00 02 23.3			
PAB E	0	00	01 33.0	E 4	00 02 38.5			110
EHOR E	0	00	01 35.5	E 0	00 02 45.7			85
TOL E	4	00	01 41.0	E 4	00 03 00.0			80
ETOR E	9	00	01 50.0	E 0	00 03 16.4	0.03	0.5	100
GUD E	9	00	01 57.3	E 0	00 03 35.6	0.01	0.3	145

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
22 feb 05h 32m 27.3s 35°07'N 03°56'W 10Km rms ±0.6s ACHDIR.MAC								
EMEL E	0	05	32 41.0	E 0	05 33 34.0			80
OJEN E	0	05	32 55.0					
MAL					I 4 05 33 12.5			
TAF I	0	05	32 50.0	I 0	05 33 58.0			
EJIF E	0	05	32 57.7	E 0	05 34 17.7	0.02	0.5	
IFR I	0	05	32 58.0	I 0	05 34 19.0			
EPRU E	0	05	33 02.2			0.01	0.8	

EST I/E W HORA P I/E W HORA S AMP PER DUR

ENIJ E 0 05 33 05.0 E 0 05 33 36.2
EHOR E 0 05 33 11.823 feb 06h 14m 20.6s 34°51'N 03°56'W 12Km
rms ±0.6s mb 2.9 RUALAM.MACEMEL I C 0 06 14 37.0 E 0 06 15 26.0
TAF I 0 06 14 42.0 E 0 06 15 42.0
IFR I 0 06 14 48.0 I 4 06 16 00.0
EPRU E 0 06 14 58.0 E 0 06 16 24.0 0.03 1.0
AFC E 0 06 14 58.8 I 0 06 15 14.0
MAL I 0 06 15 14.0
ENIJ E 0 06 15 01.2 E 0 06 15 30.9
EHOR E 0 06 15 10.0 E 0 06 15 55.5
TIO I 0 06 15 32.0 I 4 06 17 02.024 feb 16h 48m 23.8s 42°19'N 02°22'E
rms ±0.5s mb 2.8 CAMPRODON.GEOLT D 0 16 48 27.0 0 16 48 57.0
VDCF 0 16 48 28.5
LVA 0 16 48 29.2 0 16 49 02.8
SQD 0 16 48 29.8 0 16 49 05.3
ETER I C 0 16 48 30.3 E 0 16 49 05.8 0.19 0.2 75
PERF C 0 16 48 31.2
FONT 0 16 48 33.7 0 16 49 15.3
MTHF 0 16 48 35.4
GRBF C 0 16 48 38.7
SALF 0 16 48 42.5
MLS 0 16 48 45.5 0 16 49 45.5
VIH 0 16 48 45.5 0 16 49 49.3
AVN C 0 16 48 46.8
EPF 4 16 48 54.2
EBR E 4 16 49 01.0
MRB 9 16 49 02.5 0 16 49 15.9
EROQ E 9 16 49 05.1 E 0 16 49 36.1 0.04 0.2 70
ETOR E 0 16 49 21.0 70
GUD E 0 16 49 41.6 E 0 16 51 20.1 7025 feb 02h 55m 17.3s 43°33'N 00°38'W
rms ±0.6s mb 3.2 IV ORTHEZ.FROGE 0 02 55 23.9 E 0 02 55 53.9
MADF C 0 02 55 24.6 E 0 02 55 55.6
ELYF D 0 02 55 25.9 E 4 02 56 00.3
BOH D 0 02 55 26.8 E 0 02 56 00.8
EPF 0 02 55 33.8 0 02 56 19.4
MLS 0 02 55 41.7 4 02 56 41.2
VIH 0 02 55 42.2 0 02 56 43.2
SALF 0 02 55 45.7
GRBF 0 02 55 46.8
LPO 0 02 55 47.2 0.06 0.4
LFF 0 02 55 47.5 0.10 0.4
ECRI E 9 02 55 49.7 E 0 02 57 01.4 0.05 0.3 60
AVN 0 02 55 51.3 0 02 57 06.4
RJF 0 02 55 55.6 0 02 57 18.7 0.05 0.3
OLT 4 02 56 02.7
ETOR E 0 02 56 04.6 0.04 0.5 95
EROQ E 9 02 56 09.5 E 0 02 56 52.8 0.05 0.4 100
EBR E 9 02 56 10.0 E 0 02 56 55.0
ETER E 9 02 56 15.0 E 0 02 57 03.4
MRB 9 02 56 29.4 0 02 57 32.0
GUD E 0 02 57 02.5

EST I/E W HORA P I/E W HORA S AMP PER DUR

28 feb 04h 43m 51.3s 36°56'N 03°45'W 10Km
rms ±0.4s mb 2.1 JAYENA.GRAPHE I 0 04 43 52.8 E 0 04 44 48.0
ACHM I 0 04 43 55.1 E 0 04 44 52.9
ATEJ I 0 04 43 55.3 E 0 04 44 54.5
ALOJ E 0 04 43 57.5 I 0 04 45 00.3
AFC I D 0 04 43 57.9 E 0 04 45 01.1 0.05 0.2 35
ASMO E 0 04 43 58.9 E 0 04 45 03.3
MAL E 0 04 44 01.0 I 0 04 44 10.4
ENIJ E 0 04 44 13.0 E 0 04 44 43.4
EBAN E 9 04 44 14.3 E 0 04 44 45.3 4502 mar 02h 52m 19.6s 35°54'N 00°34'E
rms ±0.7s mb 3.5 N. RELIZANE.ARGENIJ E 0 02 52 57.0 E 0 02 54 24.0 0.04 0.3
EALH E 0 02 52 59.0 E 0 02 54 27.5
ACU E 0 02 53 01.4 E 0 02 53 34.8 0.04 0.5 90
TAF E 4 02 53 04.0
APHE E 0 02 53 13.7 E 0 02 54 08.7
AFC E 0 02 53 15.0
EVIA E 0 02 53 15.5 E 0 02 54 13.0 0.12 0.6 185
ATEJ E 0 02 53 15.6 E 4 02 54 12.1
ASMO E 0 02 53 17.2 E 0 02 54 15.8
ECHE E 0 02 53 18.0 E 0 02 54 20.5 0.03 0.6
ALOJ E 0 02 53 19.2 E 0 02 54 23.7
AAPN E 0 02 53 21.5 E 0 02 54 27.5
EBAN E 0 02 53 22.0 E 0 02 54 31.0 0.01 0.3 170
EROQ E 0 02 53 33.0 E 0 02 54 59.5 0.02 0.6 95
IFR I 0 02 53 37.0
GUD I C 0 02 53 48.4 E 0 02 54 02.2 15002 mar 13h 31m 39.9s 37°14'N 03°39'W
rms ±0.5s mb 2.6 ALBOLOTE.GRAFC I D 0 13 31 40.3 E 0 13 32 23.3
EBAN E 0 13 31 56.8 E 0 13 33 07.1 0.05 0.2
ENIJ E 0 13 32 01.1 E 0 13 32 19.1
EPRU E 0 13 32 03.7 E 0 13 32 24.4
EHOR E 0 13 32 04.5 E 0 13 32 28.5
EVIA E 0 13 32 09.5 E 0 13 32 39.5 0.04 0.403 mar 04h 26m 23.2s 37°30'N 02°28'W 14Km
rms ±0.2s mb 2.5 CULLAR-BAZA.GRENIJ I C 0 04 26 33.2 E 0 04 27 15.2 0.03 0.2 55
AFC E 0 04 26 39.2 E 0 04 27 30.2 0.01 0.3 55
EALH E 0 04 26 39.6 E 0 04 27 31.3 0.05 0.5 45
APHE E 0 04 26 42.9 E 4 04 27 50.3
ASMO E 4 04 26 43.1 E 4 04 27 43.7
EVIA E 0 04 26 43.2 E 0 04 27 41.6 0.05 0.2 60
EBAN E 0 04 26 44.8 E 0 04 27 45.8 0.04 0.2 65
ACHM E 4 04 26 46.9 E 4 04 27 52.1
ALOJ E 4 04 26 48.1 E 4 04 27 59.1
AAPN I 4 04 26 48.4 E 4 04 27 57.0
ATEJ E 4 04 26 49.2 E 4 04 28 01.1
EHOR E 0 04 26 58.7 0.01 0.2

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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05 mar			07h 55m 24.2s	37°20'N	02°05'W			
rms ±0.5s			mb 2.5	ARBOLEAS.AL				
ENIJ	I	0	07 55 31.0	E 0	07 56 07.2	0.05	0.2	45
EALH	E	0	07 55 38.0	E 0	07 56 25.8	0.01	0.2	35
ATEJ	E	4	07 55 45.0	E 4	07 57 01.5			
EVIA	E	0	07 55 46.8	E 0	07 56 51.8	0.03	0.2	45
APHE	E	0	07 55 47.0					
AFC	E	9	07 55 47.3	E 0	07 56 49.9			
ASMO	E	0	07 55 48.0	E 4	07 56 56.5			
EBAN	E	0	07 55 50.8	E 0	07 57 01.8	0.01	0.2	45
AAPN	E	0	07 55 52.5	I 4	07 57 09.0			
ALOJ	I	4	07 55 54.0	E 4	07 57 13.5			
EHOR	E	0	07 56 03.6	E 0	07 56 38.2			

05 mar			17h 46m 18.8s	43°00'N	02°12'W	11Km		
rms ±0.4s			mb 3.2	SAN MARTIN.SS				

ECRI	C	0	17 46 27.5	E 0	17 47 01.0	120		
MADF	D	0	17 46 36.9	E 0	17 47 27.1			
ATE	D	0	17 46 38.1	E 0	17 47 31.9			
ESCF	0	17 46 39.6	E 0	17 47 35.3				
EPF	9	17 46 52.5	E 0	17 48 07.9				
AVN	0	17 46 57.3						
SALF	4	17 46 59.7	4	17 48 35.0				
ETOR	E	9	17 47 00.0	E 0	17 47 26.0	0.05	0.3	120
MLS	4	17 47 01.0	4	17 47 35.5				
GUD	E	0	17 47 01.9	E 0	17 47 36.4	0.03	0.3	170
EROQ	E	0	17 47 03.9	E 0	17 47 41.7	0.05	0.3	140
LPO	0	17 47 04.1						
LFF	0	17 47 04.2						
MRB	0	17 47 09.6						
OLT	4	17 47 09.7						
RJF	0	17 47 12.6	4	17 48 01.9				
EBR	E	9	17 47 13.0	E 0	17 48 01.0			
CAF	0	17 47 13.2	4	17 48 04.2				
EPLA	E	0	17 47 21.6	130				
TOL	E	4	17 47 22.5	80				
ECHE	E	9	17 47 24.5	E 0	17 48 28.3	0.01	0.4	115
EVIA	E	9	17 47 43.5	E 0	17 49 16.7	0.02	0.5	125

05 mar			20h 51m 39.8s	43°25'N	00°36'W			
rms ±0.5s			mb 3.0	IV	MOURENX.FR			

ATE	D	0	20 51 45.6	E 0	20 52 36.1			
ISSF	D	0	20 51 47.3	E 0	20 52 40.6			
BOH	0	20 51 47.8	E 0	20 52 42.1				
EPF	0	20 51 54.2	0	20 52 59.3				
SALF	4	20 52 07.6						
GRBF	0	20 52 07.7						
MLS	0	20 52 04.0	4	20 52 23.0				
ECRI	E	9	20 52 10.8	E 0	20 52 42.4	0.04	0.3	65
AVN	9	20 52 14.0	0	20 52 51.6				
LPO	9	20 52 14.2	0	20 52 52.4				
LFF	9	20 52 14.5	0	20 52 53.1				
CAF	0	20 52 18.6	4	20 53 04.8				
ETOR	E	0	20 52 25.3	E 0	20 53 23.3	0.02	0.4	
MRB	9	20 52 25.6	0	20 53 22.6				
OLT	4	20 52 23.5						
EROQ	E	9	20 52 29.3	E 0	20 53 30.7	0.01	0.3	30
EBR	E	4	20 52 30.0					
GUD				E 0	20 53 22.6			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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07 mar			06h 42m 01.4s	36°36'N	04°27'W	100Km			
rms ±0.5s			mb 2.8	S. MALAGA					
MAL	I	C	0	06 42 14.3	I 4	06 42 36.6	0.15	0.3	35
ATEJ	I	0	06 42 15.9	E 0	06 42 42.8				
ALOJ	I	0	06 42 17.5	E 0	06 42 47.0				
APHE	E	0	06 42 18.2	E 0	06 42 49.6				
ACHM	E	0	06 42 18.6	E 0	06 42 50.2				
AAPN	E	0	06 42 19.2	E 0	06 42 51.2				
EPRU	I	C	0	06 42 19.2	E 0	06 42 51.2	0.01	0.2	45
ASMO	E	0	06 42 21.2	E 0	06 42 57.5				
AFC	E	0	06 42 22.0	E 0	06 42 58.0	0.01	0.2	35	
EHOR	I	C	0	06 42 25.9	E 0	06 43 09.6	0.02	0.2	50
EBAN	I	C	0	06 42 29.4	E 0	06 43 18.8	60		
ENIJ	E	0	06 42 31.6	E 0	06 43 25.1				
EVIA	I	C	0	06 42 41.0	E 0	06 43 51.3	0.04	0.2	
IVAL				I 0	06 42 58.8	0.01	0.2		
IFR	I	4	06 42 46.5	I 4	06 44 06.5				

08 mar			00h 26m 07.5s	35°04'N	04°17'W	20Km		
rms ±0.7s			mb 3.2	N. TARQUIST.MAC				

EMEL	E	0	00 26 26.8	E 0	00 27 07.8	115			
OJEN	I	0	00 26 32.4						
PLAT				E 0	00 26 52.5				
MAL	I	D	0	00 26 33.2	I 0	00 27 27.4	0.39	0.7	110
IFR	I	0	00 26 34.0	I 0	00 27 29.5				
ATEJ	E	4	00 26 34.6	E 4	00 27 37.4				
EJIF	E	0	00 26 35.4	E 0	00 27 30.9	0.08	0.5	125	
MOMI	I	0	00 26 35.4	E 0	00 27 31.8				
APHE	4	00 26 36.5	E 0	00 27 38.3					
ALOJ	E	0	00 26 38.9	E 4	00 27 46.3				
CNIL	E	0	00 26 39.0						
TAF	I	4	00 26 39.0	E 4	00 27 45.0				
EPRU	E	0	00 26 39.7	E 0	00 27 42.3	0.06	0.5	135	
ACHM	E	0	00 26 39.9	E 4	00 27 47.5				
AFC	E	0	00 26 43.8	E 0	00 27 52.8	0.02	0.6	100	
AAPN	E	4	00 26 44.0	E 4	00 27 57.5				
ASMO	E	0	00 26 44.7	E 4	00 28 00.5				
ENIJ	E	0	00 26 46.7	E 0	00 28 03.4	0.02	0.5	95	
EHOR	E	0	00 26 50.0	E 0	00 28 14.0	0.02	0.3	110	
IVAL	E	0	00 26 54.7	E 0	00 28 25.5	95			
EBAN	E	0	00 26 54.8	E 0	00 28 25.5	0.03	0.5	120	
AVE	E	0	00 26 56.0	E 4	00 28 34.0				
PAB	I	0	00 27 13.0	I 0	00 28 15.5	120			
EPLA	E	0	00 27 22.7	E 0	00 28 42.2	125			
GUD	E	0	00 27 28.0	E 0	00 28 57.2	135			

08 mar			04h 27m 50.4s	35°03'N	04°17'W	14Km		
rms ±0.7s			mb 2.8	N. TARQUIST.MAC				

EMEL	E	0	04 28 10.8	E 0	04 28 35.5			
MAL	E	0	04 28 17.0	I 0	04 28 55.0			
IFR	I	0	04 28 18.0	I 0	04 28 57.0			
ATEJ	E	4	04 28 18.9	E 4	04 29 06.0			
EJIF	E	0	04 28 20.0	E 0	04 28 59.7	0.02	0.5	
APHE	E	0	04 28 21.1	E 0	04 29 07.7			
TAF	E	4	04 28 22.0	I 4	04 29 11.0			
ALOJ	E	0	04 28 22.8	E 4	04 29 14.7			
EPRU	E	0	04 28 24.0	0.01 0.5				
ASMO	E	0	04 28 28.3					
AAPN	E	4	04 28 29.2	E 4	04 29 26.5			
EHOR	E	0	04 28 34.4	E 0	04 29 41.9			
EBAN	E	0	04 28 38.5	E 0	04 29 53.2			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 mar 21h 40m 21.4s 37°04'N 03°56'W 7Km rms ±0.4s mb 2.2 ALHAMA DE GRANADA.FR									LFF 0 13 52 54.9 0.11 0.3								
ACHM I 0 21 40 23.4 E 0 21 40 48.5									LPO 0 13 52 54.7 0.09 0.3								
ALOJ I 0 21 40 24.0 I 0 21 40 50.9									AVN 9 13 52 58.9 0 13 54 22.3								
ATEJ I 0 21 40 24.3 I 0 21 40 52.0									CAF 0 13 53 03.3 0.04 0.3								
APHE I 0 21 40 25.1 E 0 21 40 54.0									OLT 0 13 53 08.9								
AAPN E 0 21 40 26.6									ETOR E 0 13 53 09.7 E 0 13 53 53.2 0.06 0.5 145								
ASMO E 0 21 40 27.2 E 0 21 40 58.9									MRB 4 13 53 11.0								
AFC E 0 21 40 28.0 E 0 21 41 01.4 0.03 0.2 35									EROQ E 9 13 53 17.0 E 0 13 54 06.8 0.12 0.6 130								
MAL E 0 21 40 31.0 I 0 21 41 08.0									EBR E 4 13 53 16.0 E 4 13 54 08.0								
EBAN E 0 21 40 42.0 E 0 21 41 39.0 35									ETER E 9 13 53 19.6 E 0 13 54 13.3 0.06 0.8 100								
EHOR E 0 21 41 02.0									GUD E 0 13 53 24.0 E 0 13 54 31.7 0.02 0.5 150								
									PAB E 0 13 53 38.6 E 0 13 55 10.1 135								
09 mar 00h 08m 10.0s 37°12'N 02°42'W rms ±0.4s mb 2.1 SIERRA DE BAZA.AL									10 mar 21h 16m 52.1s 43°19'N 00°38'W rms ±0.6s mb 3.2 IV MOURENX.FR								
ENIJ I C 0 00 08 18.3 E 0 00 08 43.0 0.04 0.2 40									MADF C 0 21 16 55.6 E 4 21 17 56.6								
AFC E 0 00 08 21.6									ATE D 0 21 16 56.1 E 4 21 17 58.0								
APHE I 0 00 08 25.2									ISSF 0 21 16 57.6 E 4 21 18 02.6								
ASMO E 0 00 08 25.2 E 4 00 09 10.7									EPF 0 21 17 04.9 0 21 17 22.0 0.13 0.3								
ACHM E 0 00 08 27.2									VIH 0 21 17 13.9 4 21 17 47.2								
ATEJ E 0 00 08 29.3 E 4 00 09 20.1									SALF 0 21 17 18.4								
ALOJ I 0 00 08 30.7 E 4 00 09 22.7									GRBF 4 21 17 18.8								
EBAN E 0 00 08 32.4 E 0 00 09 21.4 35									ECRI E 0 21 17 19.7 E 0 21 18 00.1 0.04 0.3 70								
EVIA E 0 00 08 35.2 E 0 00 09 28.7									LFF 0 21 17 23.8 E 0 21 18 11.8 0.04 0.3								
AAPN E 4 00 08 51.8									LPO 0 21 17 24.0 E 0 21 18 13.4 0.04 0.3								
10 mar 04h 44m 11.4s 38°01'N 00°44'W 10Km rms ±0.5s mb 3.3 III-IV TORREVIEJA.A									AVN 9 21 17 26.7 0 21 18 15.7								
ACU E 0 04 44 21.5 E 0 04 44 50.7 115									R.JF 9 21 17 35.5 0 21 18 42.3 0.03 0.3								
EALH E 0 04 44 22.0 E 0 04 44 52.0 0.15 0.4 120									CAF 9 21 17 36.3 0 21 18 43.9 0.03 0.3								
EVIA E 0 04 44 37.5 E 0 04 45 34.0 0.47 0.7 155									VDCF 0 21 17 29.5								
ENIJ E 0 04 44 37.8 E 0 04 45 35.5 0.04 0.4 130									MRB 0 21 17 34.2								
ECHE E 0 04 44 38.0 E 0 04 45 36.5 0.08 0.4 105									OLT 0 21 17 34.5								
EBAN E 0 04 44 49.5 E 0 04 46 08.8 0.02 0.3 115									ETOR E 0 21 17 35.8 E 0 21 18 43.8 0.04 0.7 105								
AFC E 9 04 44 53.7 E 0 04 46 15.3 125									EROQ E 9 21 17 43.4 E 0 21 18 58.4 0.10 0.6 100								
APHE E 4 04 44 53.8 E 0 04 46 16.9									EBR E 4 21 17 42.0 E 4 21 18 58.0								
ACHM E 4 04 44 55.5																	
AAPN E 0 04 44 56.0 E 4 04 46 29.0																	
EROQ E 0 04 44 57.0 E 0 04 46 28.0 0.02 0.4 100																	
ATEJ E 4 04 44 58.5 E 4 04 46 31.5																	
ALOJ E 4 04 44 59.0 E 4 04 46 34.0																	
PAB E 0 04 45 00.0																	
TOL E 0 04 45 01.5 0.06 0.8 110																	
ESEL E 0 04 45 03.0																	
EHOR E 0 04 45 05.4																	
GUD E 0 04 45 07.6 E 0 04 45 58.1 0.02 0.4 160																	
ETOR E 9 04 45 09.6 E 0 04 45 53.4 0.04 0.5 140																	
EPF 0 04 45 27.6 0 04 46 50.1 0.01 0.3																	
10 mar 13h 52m 24.5s 43°28'N 00°39'W rms ±0.9s mb 3.5 IV ARTHEZ.FR									10 mar 23h 35m 59.6s 42°49'N 00°27'W rms ±0.5s mb 3.3 III-IV PIC MIDI D'OSSAU.FR								
MADF C 0 13 52 30.0 E 0 13 53 04.8									JAU C 0 23 36 03.7 E 0 23 36 11.0								
ATE D 0 13 52 30.5 E 0 13 53 06.8									ESCF C 0 23 36 04.3 E 0 23 36 12.8								
ELYF 0 13 52 31.0 E 0 13 53 09.1									ATE D 0 23 36 05.1 E 0 23 36 14.9								
EPF 0 13 52 39.2 0 13 53 30.5 0.09 0.3									EPF 0 23 36 10.5 0 23 36 30.1								
MLS 0 13 52 47.6 4 13 54 01.6									VIH C 0 23 36 15.2 4 23 36 42.1								
VIH 0 13 52 48.2 0 13 53 55.8									BAR 0 23 36 15.7								
LESF 0 13 52 52.5									MLS 0 23 36 21.0 4 23 37 03.5								
SALF 0 13 52 53.4									AVN D 0 23 36 22.2 0 23 37 02.9								
ECRI E 0 13 52 54.0 E 0 13 54 07.0 0.11 0.3 120									GRBF 0 23 36 26.0								
									ECRI E 0 23 36 27.8 E 0 23 37 15.8 0.11 0.2								
									MRB 0 23 36 34.7								
									EROQ E 0 23 36 35.0 E 0 23 37 36.0 0.08 0.3								
									EBR E 0 23 36 35.0								
									LPO 0 23 36 36.2								
									LFF 0 23 36 36.9								
									OLT 0 23 36 37.6 4 23 37 45.1								
									ETOR I 0 23 36 38.0 E 0 23 37 44.0 0.05 0.4								
									SQD 0 23 36 38.8								
									FONT 0 23 36 38.8 4 23 37 48.8								
									CAF 0 23 36 43.8 4 23 37 58.6								
									ETER E 9 23 36 45.8 E 0 23 38 02.2 0.06 0.3								
									GUD E 0 23 36 54.7 I 0 23 38 30.0								
									ESEL E 0 23 36 59.5 E 0 23 37 04.3								
									ECHE E 9 23 37 06.0 E 0 23 37 50.5 0.02 0.5								

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
10 mar 23h 37m 14.2s 42°47'N 00°28'W rms ±0.5s mb 3.0 ASTUN.HU									ETER E 9 10 58 29.0 E 0 10 59 31.0 105 GUD E 0 10 58 35.7 E 0 10 59 55.4 135 ESEL E 0 10 58 43.9 E 0 11 00 19.9 PAB E 4 10 59 15.0 E 4 11 00 19.0 120								
LHE C 0 23 37 17.5 JAU C 0 23 37 19.1 E 0 23 37 41.8 ESCF C 0 23 37 19.7 E 0 23 37 43.4 ATE D 0 23 37 20.5 E 0 23 37 45.7 EPF 0 23 37 25.3 0 23 37 59.5 VIH 0 23 37 30.7 0 23 38 13.7 AVN 4 23 37 38.9 4 23 38 36.8 ECRI E 9 23 37 43.3 E 0 23 38 47.0 0.03 0.2 MRB 9 23 37 52.3 0 23 39 11.8 FONT 9 23 37 55.7 0 23 39 21.8 LPO 9 23 37 56.9 0 23 39 21.7 0.04 0.4 OLT 9 23 37 56.9 0 23 39 22.4 LFF 9 23 37 57.3 0 23 39 23.5 0.05 0.4 ETER E 9 23 38 01.0 E 0 23 38 33.4 0.03 0.3 CAF 9 23 38 08.4 0 23 38 50.9 0.01 0.2 EROQ E 0 23 38 14.8 0.04 0.3 GUD E 0 23 38 50.0									15 mar 15h 27m 24.5s 42°27'N 08°09'W 5Km rms ±0.2s mb 2.2 BORBORAS.OR EZAM I C 0 15 27 33.8 I 0 15 28 14.4 0.03 0.2 22 STS I 0 15 27 34.0 I 0 15 28 15.5 0.07 0.2 25 ERUA I 0 15 27 38.4 E 0 15 28 26.2 0.03 0.2 30 EMON I C 0 15 27 45.5 E 0 15 28 46.4 45 MVO E 4 15 27 53.5 I 0 15 29 04.5								
11 mar 01h 15m 21.6s 42°50'N 00°25'W rms ±0.6s mb 2.9 PIC MIDI D'OSSAU.FR									21 mar 05h 16m 58.0s 43°02'N 00°05'E 5Km rms ±0.5s mb 3.4 V PIC MIDI BIGORRE.FR EPF 0 05 17 01.8 0 05 17 05.8 JAU C 0 05 17 03.1 E 0 05 17 10.8 ESCF D 0 05 17 06.6 E 0 05 17 20.8 LHE C 0 05 17 07.5 E 0 05 17 23.1 VIH 0 05 17 09.5 0 05 17 27.9 MLS 0 05 17 11.7 4 05 17 35.3 SALF 0 05 17 13.4 LESF 0 05 17 14.9 GRBF 0 05 17 18.5 AVN 0 05 17 20.7 0 05 17 58.3 LPO 0 05 17 28.0 0.15 0.3 VDCF 4 05 17 29.9 4 05 18 24.5 LFF 0 05 17 30.6 0.12 0.3 MRB 9 05 17 33.6 0 05 18 31.3 ECRI E 9 05 17 34.0 E 0 05 18 32.0 0.05 0.2 OLT 4 05 17 34.2 4 05 18 35.7 SQD 4 05 17 35.2 FONT 4 05 17 35.3 CAF 0 05 17 36.0 0.05 0.3 ETOR E 0 05 17 42.0 0.02 0.5 ETER E 9 05 17 43.0 E 0 05 18 51.8 0.05 0.3 GUD E 0 05 17 59.0 E 0 05 18 03.0								
JAU C 0 01 15 25.6 E 0 01 15 54.9 ESCF C 0 01 15 26.2 E 0 01 15 56.4 ATE D 0 01 15 27.0 E 0 01 15 58.7 EPF 0 01 15 32.3 0 01 16 13.1 VIH 0 01 15 37.0 0 01 16 25.7 AVN 0 01 15 44.5 0 01 16 47.1 ECRI E 0 01 15 49.8 E 0 01 17 00.2 0.03 0.2 60 MRB 0 01 15 56.6 LPO 0 01 15 57.6 0.02 0.3 LFF 0 01 15 58.0 0.02 0.3 ETOR E 0 01 16 00.3 E 0 01 16 29.6 0.01 0.4 90 SQD 0 01 16 00.5 4 01 16 35.3 FONT 0 01 16 01.3 4 01 16 34.0 EBR E 4 01 16 03.0 OLT 9 01 16 03.1 0 01 16 34.8 CAF 4 01 16 03.2 0 01 16 41.4 0.02 0.3 EROQ E 9 01 16 03.6 E 0 01 16 33.8 0.03 0.3 85 ETER E 9 01 16 09.0 E 0 01 16 47.4 0.02 0.3 60 GUD E 0 01 16 57.4									22 mar 16h 08m 22.9s 37°03'N 03°53'W 7Km rms ±0.4s mb 2.6 ALHAMA DE GRANADA.GR ACHM I 0 16 08 24.9 E 0 16 08 51.3 ALOJ I 0 16 08 26.1 E 0 16 08 55.3 ATEJ I 0 16 08 26.2 E 0 16 08 55.1 APHE I 0 16 08 26.4 E 0 16 08 56.0 ASMO E 0 16 08 28.5 E 0 16 09 01.9 AAPN E 0 16 08 28.5 E 0 16 09 01.6 AFC I D 0 16 08 28.7 E 0 16 09 02.9 0.15 0.2 50 MAL E 0 16 08 32.0 I 0 16 09 12.0 0.62 0.3 40 EBAN I C 0 16 08 43.2 E 0 16 09 41.6 0.03 0.2 58 EPRU E 4 16 08 45.8 0.02 0.5 54 ENIJ E 0 16 08 47.0 E 0 16 09 51.2 40 EHOR E 0 16 08 47.3 E 0 16 09 51.1 0.02 0.3 50 EJIF E 4 16 08 51.0 0.02 0.4 52 EVIA E 0 16 08 55.8 E 0 16 10 14.3 0.03 0.5 62 GUD E 9 16 09 32.7 E 0 16 10 47.0								
11 mar 10h 57m 35.4s 43°27'N 00°35'W rms ±0.6s mb 3.3 MOURENX.FR																	
ATE C 0 10 57 41.9 E 0 10 58 28.8 JAU C 0 10 57 43.1 E 0 10 58 32.3 ISSF D 0 10 57 43.6 E 0 10 58 33.2 EPF 0 10 57 50.4 0 10 58 51.1 VIH 0 10 57 59.0 LESF 0 10 58 00.6 SALF 0 10 58 02.6 GRBF 0 10 58 04.1 ECRI E 0 10 58 05.2 E 0 10 58 31.2 0.08 0.3 85 LPO 0 10 58 05.4 LFF 0 10 58 05.5 AVN 0 10 58 08.2 RJF 0 10 58 14.2 0 10 58 57.2 CAF 0 10 58 14.6 0 10 58 57.6 ETOR E 0 10 58 21.7 E 0 10 59 15.7 0.04 0.4 145 MRB 9 10 58 22.0 0 10 59 15.4 OLT 9 10 58 23.0 0 10 59 18.1 EROQ E 9 10 58 25.0 E 0 10 59 22.8 0.05 0.3 110 EBR E 9 10 58 25.0 E 0 10 59 24.0																	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR		
23 mar 01h 57m 46.3s 37°48'N 04°36'W 10Km rms ±0.4s mb 2.3 SANTA CRUZ.CO									COI I 4 17 39 23.0 MTH 4 17 39 42.0 LIS E 4 17 39 42.0 PTO E 0 17 39 42.5										
EHOR	E	0	01 57 56.0	E 0	01 58 59.3	0.03	0.2	29	24 mar 16h 59m 08.9s 37°46'N 04°38'W 6Km rms ±0.3s mb 2.3 SANTA CRUZ.CO										
AAPN	I	0	01 57 57.0	E 0	01 59 02.2				EHOR	I	0	16 59 18.0	E 0	16 59 42.3	0.04	0.2	30		
EBAN	E	0	01 57 59.8	E 0	01 59 09.6	0.02	0.2	43	AAPN	E	0	16 59 20.2	E 0	16 59 48.5					
ALOJ	E	0	01 58 00.5	I 0	01 58 12.7				EBAN	E	0	16 59 23.3	E 0	16 59 56.8	0.03	0.2	45		
ASMO	I	0	01 58 00.6	I 0	01 58 13.3				ALOJ	E	0	16 59 23.5	E 0	16 59 57.5					
ACHM	E	0	01 58 03.0								ASMO	I	0	16 59 24.1	E 0	16 59 59.1			
ATEJ	E	0	01 58 04.0	E 4	01 58 24.0				ACHM	E	4	16 59 40.2							
AFC	E	0	01 58 04.4					0.01	0.2	AFC	E	0	16 59 27.5	E 0	17 00 08.0				
APHE	E	0	01 58 06.0	I 4	01 58 28.5				ATEJ	E	0	16 59 27.5	E 0	17 00 08.2					
EVIA	E	0	01 58 16.8	E 0	01 58 56.8				APHE	E	0	16 59 28.5	E 0	17 00 12.4					
23 mar 04h 25m 02.4s 37°33'N 01°17'W 32Km rms ±0.5s mb 2.3 GOLFO DE MAZARRON									LIJA										
EALH	E	0	04 25 10.6	E 0	04 25 26.1	0.05	0.2	35	LIJA	E	0	16 59 29.5							
ENIJ	E	0	04 25 17.8					0.02	0.4	37	GIBL	E	0	16 59 33.5					
EVIA	E	0	04 25 25.7	E 0	04 26 08.2	0.06	0.3	42	EVIA	E	9	16 59 41.2	E 0	17 00 43.5	0.02	0.3			
AFC	E	9	04 25 33.5	E 0	04 26 28.5				EVIA	E	0	17 00 03.8							
ASMO	E	9	04 25 34.7	E 0	04 26 31.7				26 mar 08h 15m 35.8s 41°25'N 03°07'E rms ±0.3s mb 2.4 MEDITERRANEO										
EBAN	E	0	04 25 35.0	E 0	04 26 32.0				FONT	0	08 15 47.3	0	08 16 42.8						
APHE	E	4	04 25 36.2								SQD	0	08 15 49.0	0	08 16 48.0				
ACHM	E	4	04 25 37.5								ETER	E	0	08 15 52.0	E 0	08 16 55.8	0.02	0.2	24
AAPN	E	9	04 25 39.0	E 0	04 26 44.0				OLT	0	08 15 52.0	0	08 16 55.5						
ALOJ	E	9	04 25 41.0	I 0	04 26 48.5				MRB	0	08 15 53.0	0	08 16 59.5						
ATEJ	E	4	04 25 41.5	E 4	04 26 51.0				28 mar 02h 10m 25.6s 37°46'N 04°38'W rms ±0.4s mb 2.0 SANTA CRUZ.CO										
23 mar 17h 37m 42.9s 37°48'N 04°36'W 1Km rms ±0.5s mb 3.5 III SANTA CRUZ.CO									EHOR										
EHOR	I	D	0	17 37 51.7	E 0	17 38 50.2				175	EHOR	E	0	02 10 34.6	E 0	02 11 15.6	0.01	0.2	22
AAPN	I	0	17 37 53.9	E 0	17 38 57.1				AAPN										
EBAN	I	0	17 37 57.0	E 0	17 39 04.0				0	02 10 36.7	E 0	02 11 21.7							
ALOJ	E	0	17 37 57.2	E 0	17 39 05.6				ALOJ	E	0	02 10 39.8	E 0	02 11 30.0					
ASMO	I	0	17 37 57.9	E 0	17 39 07.6				EBAN	E	0	02 10 40.3	E 0	02 11 30.3	0.03	0.2	35		
ACHM	E	0	17 37 59.6	E 0	17 39 12.5				ASMO	E	0	02 10 41.0	E 0	02 11 33.7					
ATEJ	E	0	17 38 00.4	E 0	17 38 14.9				ATEJ	E	0	02 10 57.0							
EPRU	I	C	0	17 38 00.9	E 0	17 38 14.9	0.06	0.3	135	APHE	E	4	02 10 49.0	E 0	02 11 50.0				
AFC	I	D	0	17 38 01.4	E 0	17 38 17.0	0.08	0.2	125	29 mar 13h 19m 21.8s 42°35'N 01°21'E rms ±0.5s mb 2.5 ALINS.L									
APHE	I	0	17 38 02.5	E 0	17 38 20.7				SALF	D	0	13 19 25.6	4	13 19 52.2					
LIJA	I	0	17 38 03.0								GRBF	C	0	13 19 26.8	4	13 19 56.7			
MAL	I	D	4	17 38 05.0	I 4	17 38 20.3	0.70	0.6	70	VIH	0	13 19 29.0	0	13 20 04.0					
GIBL	I	4	17 38 10.0								LESF	0	13 19 29.8						
ALJ	I	4	17 38 11.0								MLS	0	13 19 30.0	0	13 20 05.6				
EJIF	E	9	17 38 11.0	E 0	17 38 42.0	0.21	0.5	130	EPF	0	13 19 38.6	4	13 20 25.8						
EVAL	I	0	17 38 12.3	E 0	17 38 47.1	0.21	0.3	140	OLT	0	13 19 39.0	0	13 20 30.0						
EVIA	I	C	0	17 38 13.9	E 0	17 38 51.4	0.32	0.4	162	MRB	0	13 19 41.0	0	13 20 36.7					
SRQ	I	9	17 38 14.0	E 0	17 38 49.3				SQD	0	13 19 41.0	0	13 20 37.0						
CNIL	E	0	17 38 14.4	E 0	17 38 52.4				FONT	0	13 19 42.7	4	13 20 39.4						
MOMI	I	9	17 38 15.7	E 0	17 38 53.2				ETER	E	0	13 19 43.8	E 0	13 20 42.1	0.02	0.2	36		
PAB	I	9	17 38 16.6	I 0	17 38 55.1				LPO	9	13 20 01.3	0	13 20 29.3	0.01	0.3				
ENIJ	E	0	17 38 18.0	E 0	17 39 02.0	0.06	0.4	110	CAF	4	13 20 06.5	4	13 20 43.9	0.01	0.3				
TOL	I	9	17 38 24.0	I 0	17 39 15.5	0.16	0.5	140	29 mar 13h 19m 21.8s 42°35'N 01°21'E rms ±0.5s mb 2.5 ALINS.L										
EPLA	E	0	17 38 24.0	E 0	17 39 18.5	0.16	0.3	150	SALF	D	0	13 19 25.6	4	13 19 52.2					
FAR	E	0	17 38 28.0	E 4	17 39 41.0				GRBF	C	0	13 19 26.8	4	13 19 56.7					
GUD	E	0	17 38 28.5	E 0	17 39 30.8	0.15	0.5	190	VIH	0	13 19 29.0	0	13 20 04.0						
EALH	E	9	17 38 30.8	E 0	17 39 31.4	0.07	0.5		LESF	0	13 19 29.8								
FIG	E	4	17 38 34.0	I 4	17 39 38.5				MLS	0	13 19 30.0	0	13 20 05.6						
ECHE	E	0	17 38 35.0	E 0	17 39 48.5	0.04	0.5	105	EPF	0	13 19 38.6	4	13 20 25.8						
ACU	I	0	17 38 35.2	E 0	17 39 50.0	0.03	0.3		OLT	0	13 19 39.0	0	13 20 30.0						
ETOR	E	0	17 38 39.8					0.05	0.4	157	MRB	0	13 19 41.0	0	13 20 36.7				
MVO	I	D	0	17 38 41.5	I 4	17 40 06.5				SQD	0	13 19 41.0	0	13 20 37.0					
MTE	I	4	17 38 46.8	I 0	17 40 04.3				FONT	0	13 19 42.7	4	13 20 39.4						

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
29 mar			17h 58m	31.6s	36°09'N 08°54'W			16Km			
			rms ±0.4s	mb 3.2	ATLANTICO						
FAR					0		17 59 07.3				
FIG E	0		17 58 53.8		I 0		18 00 03.8				
EVAL E	0		17 59 07.0		E 0		17 59 39.4	0.04	0.2	65	
EJIF E	0		17 59 15.0								
AVE E	0		17 59 19.0		I 4		18 00 17.0				
EPRU E	0		17 59 19.2		E 0		18 00 12.7				
EHOR E	0		17 59 22.0		E 0		18 00 22.8	0.01	0.3	90	
ALOJ E	0		17 59 30.9		E 4		18 00 44.4				
ATEJ E	0		17 59 31.3		E 4		18 00 45.3				
IFR I	0		17 59 32.0		I 0		18 00 50.0				
APHE E	0		17 59 35.0		E 4		18 00 55.0				
ASMO E	0		17 59 35.7								
AFC E	0		17 59 38.0		E 0		18 01 05.2				
EBAN E	0		17 59 38.0		E 0		18 01 06.8			95	
TIO I	0		17 59 50.5		I 0		18 00 00.5				
31 mar			02h 58m	44.8s	39°34'N 09°36'W			19Km			
			rms ±0.4s	mb 3.7	W. NAZARE						
MTH I D O			02 58 58.0		I 0		03 00 06.0				
LIS I	0		02 59 01.4		I 0		02 59 14.8				
COI	0		02 59 04.1		4		02 59 24.9				
MTE I D O			02 59 14.8		I 4		02 59 52.3				
PTO I C 9			02 59 16.2		I 0		02 59 53.7				
MVO I D O			02 59 23.5		I 0		03 00 17.0				
EZAM E	0		02 59 26.0		I 0		03 00 22.4	0.04	0.3	85	
EPLA E	0		02 59 27.2		E 0		03 00 25.5	0.09	0.3	120	
FIG E	0		02 59 28.3		E 4		03 00 34.3				
FAR					4		03 00 07.0				
EVAL E	0		02 59 30.5		E 0		03 00 34.5	0.06	0.3	115	
ERUA E	0		02 59 35.3		E 0		03 00 49.5	0.07	0.5	100	
STS E	0		02 59 37.0		E 0		03 00 50.8	0.04	0.3	110	
EHOR E	0		02 59 41.8		E 0		03 01 06.1	0.09	0.5	150	
PAB I	0		02 59 45.5		I 0		03 01 16.0				
EMON I C O			02 59 47.1		E 0		03 01 21.1			115	
GUD I D O			02 59 48.1		E 0		03 01 24.3	0.03	0.3	182	
TOL E	0		02 59 49.0		E 0		03 01 25.0	0.07	0.9	130	
EBAN E	0		02 59 54.2		E 0		03 00 01.0	0.02	0.2	140	
ETOR E	0		03 00 10.8					0.02	0.5	180	
EPF	0		03 00 43.2		0		03 01 14.8				
04 abr			04h 29m	10.8s	43°09'N 00°35'W						
			rms ±0.6s	mb 2.7	OLORON-STE-MARIE.FR						
ESCF D O			04 29 11.9		E 0		04 29 25.3				
ATE C O			04 29 12.3		E 0		04 29 26.3				
MADF D O			04 29 13.5		E 0		04 29 30.1				
EPF	0		04 29 23.2		0		04 29 56.4				
VIH	0		04 29 30.6		0		04 30 16.4				
ECRI E	0		04 29 38.3		E 0		04 30 36.3	0.03	0.2	35	
AVN	0		04 29 39.7		0		04 30 40.7				
LPO	9		04 29 48.2		0		04 31 02.2	0.01	0.3		
MRB	9		04 29 52.8		0		04 31 15.3				
06 abr			13h 05m	19.5s	44°40'N 03°38'W						
			rms ±0.8s	mb 3.6	MAR CANTABRICO						
ECRI E	0		13 05 54.5		E 0		13 07 13.5	0.15	0.2	110	
EMON I D O			13 06 04.0		E 0		13 06 40.0			82	
MFF	0		13 06 06.0		4		13 06 42.8	0.08	0.3		
08 abr			03h 36m	47.1s	39°21'N 08°59'W			11Km			
			rms ±0.8s	mb 4.7	IV-V RIO MAIOR.PORT						
MTH I C O			03 36 56.5		I 0		03 38 00.5				
LIS	0		03 36 58.1		0		03 38 04.1				
MOE I D O			03 37 03.6		I 0		03 37 19.6				
COI C O			03 37 03.7								
MTE I C O			03 37 13.1								
PTO D O			03 37 17.2		I 0		03 37 57.0				
MVO I C O			03 37 23.8								
EPLA I C O			03 37 24.2							500	
FIG I	0		03 37 25.1		I 0		03 38 19.6				
FAR I D O			03 37 25.7		I 0		03 38 20.7				
EVAL I	0		03 37 26.7		E 0		03 38 22.7			445	
EZAM I	0		03 37 30.6							345	
EHOR I	0		03 37 37.6		E 0		03 38 52.6			500	
ERUA I C O			03 37 38.2		E 0		03 38 54.2			425	
STS I C O			03 37 41.1		E 0		03 39 01.3			410	
PAB E	0		03 37 42.0		E 4		03 39 08.0			540	
CNIL E	0		03 37 45.0		E 0		03 39 11.6				
EPRU E	0		03 37 45.4		E 0		03 39 11.8			500	
GUD I C O			03 37 45.6		E 0		03 39 15.6			500	
TOL I	0		03 37 45.8		E 0		03 39 15.8			600	
MOMI E	0		03 37 48.0		E 0		03 39 19.0				
EJIF E	0		03 37 48.6		E 0		03 39 21.1			475	
EBAN E	0		03 37 49.8		E 0		03 39 27.8			500	
PLAT E	0		03 37 50.0		E 0		03 39 25.0				
EMON I D O			03 37 50.6		E 0		03 39 29.6			405	
AAPN I	0		03 37 53.4		I 0		03 37 54.5				
ALOJ I	0		03 37 54.6		I 0		03 37 58.6				
MAL I C O			03 37 56.0							398	
ASMO E	0		03 37 56.4		E 0		03 38 02.9				
ATEJ E	0		03 37 57.1		E 0		03 38 05.8				
ACHM I	0		03 37 57.5		E 0		03 38 06.0				
AFC E	0		03 37 58.8		E 0		03 38 10.3			450	
CRT E	0		03 37 59.7		E 0		03 38 10.1				
APHE I	0		03 38 00.1		I 0		03 38 53.3				
EVIA I C O			03 38 01.7		E 0		03 39 00.7			470	
ETOR I C O			03 38 08.0		E 0		03 39 17.3			500	
RBA E	0		03 38 09.5		I 0		03 39 19.0				
ECRI E	0		03 38 13.0		E 0		03 39 31.1			450	
ALM E	0		03 38 13.0								
ENIJ E	0		03 38 13.4		E 0		03 39 30.7			390	
ECH E	0		03 38 17.0		E 0		03 39 42.3			480	
AVE I	0		03 38 18.5		I 0		03 39 44.0				
EMEL E	0		03 38 19.3		E 0		03 39 46.9				
IFR I	0		03 38 23.0		I 4		03 39 55.0				
ACU E	0		03 38 24.5		E 0		03 38 24.5	1.28	0.9	364	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
TAF	I	0	03 38 27.0	I 0	03 38 30.5			
EBR	E	0	03 38 33.0	E 0	03 38 48.0			
EPF	0	03 38 41.5	4	03 39 01.9	0.97	1.0		
TIO	I	0	03 38 49.5	I 4	03 40 10.5			
ESEL	E	0	03 38 57.6	E 0	03 39 54.6	0.37	1.0	
ETER	E	0	03 39 01.0	E 0	03 39 05.3	0.72	1.0	345

08 abr 05h 45m 45.5s 42°10'N 02°40'W
rms ±0.4s mb 3.1 TIERRA DE CAMEROS.LO

ECRI	I	C	0	05 45 54.0	E 0	05 46 54.0		125	
ETOR	E	0	05 46 11.0	E 0	05 46 41.0	0.09	0.3	115	
GUD	I	D	0	05 46 17.6	E 0	05 46 59.3	0.03	0.3	120
EPF	0	05 46 25.2	4	05 47 23.4	0.02	0.3			
PAB	E	0	05 46 31.5	E 4	05 47 39.5			150	
ERUA	E	0	05 46 37.7	E 0	05 47 54.1				
ECHE	E	9	05 46 38.5	E 0	05 47 51.5	0.02	0.4	67	
MVO	I	D	0	05 46 38.5	I 4	05 48 11.5			
LPO	0	05 46 44.8	4	05 48 16.8					
EMON				E 0	05 47 24.4				
EPLA	E	9	05 46 50.0	E 0	05 48 19.0	0.01	0.3	80	
LFF	4	05 46 50.2	4	05 48 29.4	0.01	0.3			
EVIA	E	9	05 46 50.8	E 0	05 48 22.3	0.05	0.5	100	
RJF	0	05 46 51.2	4	05 46 54.8					
CAF	0	05 46 51.5	4	05 48 30.5					
EBAN	E	9	05 47 06.0	E 0	05 47 59.7	0.02	0.5		

08 abr 06h 33m 30.7s 39°20'N 08°53'W
rms ±0.5s mb 3.1 RIO MAIOR.PORT

MTH	I	C	0	06 33 39.3	I 0	06 34 25.8		
LIS	E	4	06 33 45.0	E 0	06 34 36.0			
MOE	I	C	0	06 33 47.0	I 0	06 34 46.9		
COI	0	06 33 47.6	0	06 34 48.4				
MTE	E	0	06 33 57.0	I 0	06 35 13.9			
PTO	I	D	0	06 34 03.0	I 4	06 34 23.5		
MVO	E	0	06 34 07.4	E 0	06 34 44.4			
EPLA	I	0	06 34 08.7			0.04	0.4	72
EVAN	I	0	06 34 10.0			0.04	0.3	80
EHOR	I	0	06 34 20.7			0.03	0.3	100
PAB	E	0	06 34 26.0	E 0	06 35 31.5			150
GUD	E	0	06 34 30.5	E 0	06 35 44.5	0.01	0.4	122
ATEJ	E	0	06 34 40.0	E 4	06 36 07.0			

09 abr 05h 03m 45.9s 38°29'N 01°12'W 7Km
rms ±0.5s mb 3.0 JUMILLA.MU

ACU	I	0	05 03 57.0	E 0	05 05 03.0	0.07	0.2	44	
EALH	I	C	0	05 03 57.2	E 0	05 05 03.6	0.06	0.3	51
EVIA	I	0	05 04 05.3	E 0	05 04 24.1	0.15	0.2	95	
ECHE	E	0	05 04 06.3	E 0	05 04 27.3	0.08	0.3	70	
EBAN	I	C	0	05 04 19.0	E 0	05 05 03.6	0.01	0.2	70
ASMO	E	0	05 04 23.5	E 4	05 05 21.5				
AAPN	E	0	05 04 27.4	E 4	05 05 34.4				
PAB	E	0	05 04 27.5					100	
ALOJ	E	0	05 04 29.5	E 4	05 05 40.1				
ACHM	E	4	05 04 31.0						
ETOR	E	9	05 04 31.3	E 0	05 05 32.0	0.02	0.4	75	
ATEJ	E	4	05 04 31.5	E 4	05 05 45.5				
GUD				I 0	05 05 10.8	0.02	0.3	75	
EHOR	E	9	05 04 47.0	E 0	05 06 11.0	0.01	0.3	66	

09 abr 23h 18m 15.6s 36°16'N 01°33'E
rms ±0.7s mb 3.5 OUED FODDA.ARG

ACU	E	0	23 18 57.0	E 0	23 20 23.5	0.03	0.3	50
ENIJ	E	0	23 19 01.3	E 0	23 19 37.0	0.08	0.4	100
ESEL	E	0	23 19 09.0	E 0	23 19 58.0	0.03	0.3	66
ECHE	E	0	23 19 13.3	E 0	23 20 09.9	0.02	0.3	80
EVIA	E	0	23 19 14.0	E 0	23 20 13.0	0.05	0.3	160
AFC	E	0	23 19 17.2	E 0	23 20 20.4	0.01	0.4	100
EBAN	E	0	23 19 24.0	E 0	23 20 39.2	0.01	0.3	85
MAL				I 0	23 20 18.0			
EHOR	E	0	23 19 36.2					
PAB	E	0	23 19 36.5	E 0	23 21 15.5			150
IFR	I	0	23 19 45.0					
GUD	E	0	23 19 46.0	E 0	23 19 59.5			

11 abr 17h 45m 06.2s 38°48'N 07°56'W
rms ±0.3s mb 2.9 ARRAILOS.PORT

MOE	I	C	0	17 45 13.5	I 0	17 45 33.0		
MTH	E	0	17 45 24.0	I 0	17 46 02.0			
EVAN	E	9	17 45 34.4	E 0	17 46 28.6	0.03	0.3	60
MTE	E	4	17 45 36.5	I 0	17 46 32.2			
EPLA	E	0	17 45 38.9	E 0	17 46 41.8	0.02	0.2	53
EHOR	E	9	17 45 48.8	E 0	17 47 06.6	0.03	0.3	60
PAB	E	0	17 45 52.0	E 4	17 47 22.0			100
MVO	E	9	17 45 52.8	E 0	17 47 15.6			
EBAN				E 0	17 46 36.8	0.01	0.4	
GUD				E 0	17 46 39.7	0.01	0.4	75

17 abr 09h 11m 37.9s 37°22'N 02°16'W 12Km
rms ±0.3s mb 2.7 OLULA DEL RIO.AL

ENIJ	I	D	0	09 11 45.4	E 0	09 12 37.0		54
ALM	E	0	09 11 48.3	I 0	09 12 43.5			
EALH	E	0	09 11 52.7	E 0	09 12 56.7	0.04	0.3	38
AFC	E	0	09 11 55.8			0.02	0.2	54
APHE	I	0	09 11 59.0					
ASMO	E	0	09 11 59.8	E 4	09 13 19.3			
EVIA	E	0	09 11 59.8	E 0	09 13 16.6	0.11	0.3	90
EBAN	E	0	09 12 02.4	E 0	09 12 23.6	0.07	0.3	65
ATEJ	E	0	09 12 03.0	E 4	09 12 28.2			
AAPN	E	4	09 12 05.2	E 4	09 12 32.2			
EHOR	E	0	09 12 16.3	E 0	09 13 00.3	0.02	0.4	60
PAB	I	4	09 12 27.5	E 4	09 13 30.5			80

18 abr 04h 47m 12.1s 38°28'N 01°11'W 10Km
rms ±0.2s mb 2.5 JUMILLA.MU

ACU	E	0	04 47 23.0	E 0	04 47 54.8	0.02	0.2	20	
EALH	E	0	04 47 24.0	E 0	04 47 56.0	0.01	0.3		
EVIA	I	C	0	04 47 31.0	E 0	04 48 16.0	0.05	0.2	40
ECHE	E	0	04 47 32.4	E 0	04 48 20.4	0.01	0.3	35	

18 abr 12h 50m 41.5s 37°41'N 06°32'W
rms ±0.6s mb 2.7 NERVA.H

EVAN	I	C	0	12 50 44.0	E 0	12 51 31.0		44
EHOR	I	0	12 50 59.8	E 0	12 52 13.8	0.07	0.3	50
FIG	I	D	0	12 51 03.7	E 0	12 51 24.2		
EPRU	E	0	12 51 05.0			0.08	0.9	44

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
MOE	E	0	12 51 10.0	I 0	12 51 42.5			
EBAN	E	0	12 51 17.7	E 0	12 52 03.0	0.02	0.4	52
EPLA	E	0	12 51 20.5			0.02	0.4	45
EVIA	E	0	12 51 32.3	E 0	12 52 44.1	0.04	0.8	82
MTE	E	4	12 51 35.0	I 4	12 52 42.0			
GUD	E	0	12 51 35.5	E 0	12 52 52.2			75
MTH				4	12 51 59.0			
PAB	E	0	12 51 23.0					120
MVO				4	12 52 28.5			

18 abr 17h 34m 11.2s 39°19'N 03°50'W
rms ±0.3s mb 2.3 URDA.TO

PAB	E	0	17 34 19.5	I 0	17 34 45.5			61
TOL	E	4	17 34 31.5	E 4	17 35 09.0	0.12	1.0	40
EBAN	I	0	17 34 32.2	E 0	17 35 19.6	0.01	0.2	30
EVIA	E	0	17 34 34.0	E 0	17 35 25.0			
GUD	I D	0	17 34 35.8	E 0	17 35 29.6			31
EHOR	E	9	17 34 44.5	E 0	17 35 53.0			40
EPLA	E	9	17 34 45.0	E 0	17 35 54.6			35
ETOR	E	9	17 34 54.0	E 0	17 36 13.3	0.01	0.4	

19 abr 06h 01m 56.7s 38°22'N 03°48'W
rms ±0.4s mb 2.5 EL CENTENILLO.J

EBAN	I D	0	06 02 00.2	E 0	06 02 02.9			62
ASMO	E	0	06 02 15.7	E 0	06 02 45.1			
EVIA	E	0	06 02 15.8	E 0	06 02 45.8	0.05	0.2	29
AAPN	E	0	06 02 16.6	E 0	06 02 48.1			
AAPN	E	0	06 02 16.6	E 0	06 02 48.1			
AFC	E	0	06 02 17.0	E 0	06 02 49.5	0.01	0.3	30
ACHM	E	0	06 02 19.4					
EHOR	E	0	06 02 19.4	E 0	06 02 55.1	0.02	0.2	31
ALOJ	E	0	06 02 19.6	E 0	06 02 56.6			
PAB	E	0	06 02 20.0	E 0	06 02 56.5			50
APHE	E	0	06 02 22.4	E 0	06 03 03.8			
ATEJ	E	0	06 02 23.0	E 0	06 03 05.9			
GUD	E	9	06 02 39.6	E 0	06 03 47.1			

20 abr 13h 59m 40.6s 37°48'N 02°31'W
rms ±0.7s mb 3.0 III HUESCAR.GR

ENIJ	I	0	13 59 55.3	E 0	14 01 02.7	0.12	0.3	
EVIA	I C	0	13 59 56.1	E 0	14 01 04.1			140
EALH	E	0	13 59 57.3	E 0	14 01 05.9	0.05	0.3	70
AFC	E	0	13 59 59.0	E 0	14 01 11.0	0.05	0.3	
EBAN	I	0	13 59 59.5	E 0	14 01 13.5			
ASMO	I	0	13 59 59.7	I 0	14 01 13.9			
CRT	E	0	14 00 00.1	E 0	14 00 15.5			
APHE	I	0	14 00 03.2	E 0	14 00 24.8			
ACHM	E	0	14 00 03.8	E 0	14 00 24.1			
ALM	E	4	14 00 04.4	E 0	14 00 15.2			
AAPN	I	0	14 00 05.4	I 0	14 00 28.7			
ALOJ	I	0	14 00 06.7	E 0	14 00 33.3			
ATEJ	I	0	14 00 07.4	E 0	14 00 35.1			
MAL	I C	9	14 00 13.8	I 0	14 00 52.1	0.17	0.8	50
ACU	E	9	14 00 15.0	E 0	14 00 53.0	0.03	0.4	62
EHOR	E	0	14 00 15.0	I 0	14 00 57.0	0.11	0.3	105
ECHE	E	0	14 00 16.2			0.04	0.3	100
PAB	I	0	14 00 17.5	I 4	14 00 57.5			180
EPRU	E	0	14 00 19.0	E 0	14 01 06.0			120
TOL	E	9	14 00 25.0	E 0	14 01 20.5	0.08	0.8	110
ETOR	E	0	14 00 28.8	E 0	14 01 33.3	0.10	0.5	130
GUD	E	0	14 00 31.0	E 0	14 01 37.3	0.05	0.4	120

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
MVO	E	0	14 00 53.0	E 4	14 01 23.1			
MOE				E 4	14 01 42.5			

22 abr 15h 56m 29.7s 36°05'N 01°42'W
rms ±0.7s mb 3.4 MEDITERRANEO

ENIJ	I D	0	15 56 45.0					185
EMEL	I C	0	15 56 50.8	E 0	15 57 56.4			120
TAF	I	0	15 56 51.0	I 0	15 58 00.0			
EALH	I C	0	15 56 57.2	E 0	15 58 14.2	0.16	0.4	120
APHE	E	0	15 56 57.5	I 0	15 58 15.0			
ATEJ	E	0	15 56 59.4	I 4	15 58 19.9			
AFC	I C	0	15 56 59.4			0.09	0.4	132
CRT	E	0	15 57 00.0	E 4	15 57 23.0			
ACHM	E	0	15 57 00.8	E 0	15 57 23.4			
ASMO	I	4	15 57 03.1	E 4	15 57 31.3			
MAL	E	0	15 57 04.0	I 4	15 57 32.0	0.16	0.5	136
ALOJ	E	0	15 57 04.2	E 0	15 57 31.1			
AAPN	E	4	15 57 06.5	E 0	15 57 37.2			
ACU	E	0	15 57 09.0	E 0	15 57 47.3	0.03	0.2	105
EVIA	E	0	15 57 10.0	E 0	15 57 49.0	0.47	0.8	
EBAN	E	0	15 57 10.0	E 0	15 57 49.7	0.16	0.6	150
EPRU	E	0	15 57 13.5	E 0	15 57 59.8	0.08	0.7	
SRQ	I	0	15 57 13.5	E 0	15 58 00.5			
EJIF	E	0	15 57 16.5	E 0	15 58 05.8	0.07	0.5	140
EHOR	E	0	15 57 18.7	E 0	15 58 13.7	0.03	0.4	135
PAB	I	0	15 57 29.5	E 4	15 58 58.5			200
EVIA	E	0	15 57 32.5	E 0	15 58 52.1			
GUD	E	0	15 57 41.8	E 0	15 59 16.5	0.03	0.5	000
ESEL	E	0	15 57 44.2	E 0	15 57 44.7			70
EPLA	E	0	15 57 46.2	E 0	15 57 49.2	0.04	0.9	150
TOL	E	9	15 57 52.0	E 0	15 59 31.5	0.13	1.0	185

22 abr 22h 19m 16.8s 37°06'N 03°37'W 9Km
rms ±0.5s mb 2.0 GOJAR.GR

AFC	I D	0	22 19 19.6	E 0	22 19 41.9	0.12	0.2	39
APHE	I	0	22 19 20.1	E 0	22 19 43.3			
ASMO	I	0	22 19 23.1	E 4	22 19 51.5			
ATEJ	E	0	22 19 23.2	E 0	22 19 52.1			
ALOJ	E	0	22 19 23.7	E 0	22 19 53.1			
AAPN	E	0	22 19 25.5	E 0	22 19 56.8			
MAL				I 0	22 19 40.0			
ENIJ	E	0	22 19 37.7	E 0	22 20 29.5			
EBAN	E	9	22 19 38.0	E 0	22 20 30.9	0.02	0.3	33
EVIA	E	9	22 19 50.1	E 0	22 21 02.6			

23 abr 07h 55m 06.5s 36°09'N 01°46'W
rms ±0.8s mb 3.0 MEDITERRANEO

ENIJ	I D	0	07 55 20.7	E 0	07 55 53.1	0.26	0.3	110
EMEL	I C	0	07 55 26.6	E 0	07 56 09.0			73
EALH	E	0	07 55 33.2	E 0	07 56 26.2	0.05	0.4	85
APHE	E	0	07 55 34.0	E 0	07 56 28.1			
AFC	E	0	07 55 35.4			0.02	0.3	80
ATEJ	E	0	07 55 36.0	E 0	07 56 34.4			
ACHM	E	0	07 55 37.2					
MAL				I 0	07 56 03.8			
ASMO	E	4	07 55 39.0	E 4	07 56 44.0			
ALOJ	E	9	07 55 41.0	E 0	07 56 45.3			
AAPN	E	9	07 55 43.2	E 0	07 56 51.9			
EVIA	E	0	07 55 45.4	E 0	07 56 58.9	0.09	0.6	100
ACU	E	0	07 55 45.8	E 0	07 56 59.2			
EBAN	E	0	07 55 46.5	E 0	07 57 01.9	0.04	0.5	90

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
EJIF	E	0	07	55					0.03	0.6	
EHOR	E	0	07	55	E 0		07	57			120
PAB	E	4	07	56	E 4		07	57			
GUD	E	0	07	56	E 0		07	57			90
TOL	E	4	07	56	E 4		07	57			

24 abr 06h 47m 35.0s 42°46'N 01°37'E 7Km
rms ±0.5s mb 2.6 SIGUER.FR

GRBF	D	0	06	47							
SALF	C	0	06	47	0		06	48			
LESF		0	06	47							
LVA	D	0	06	47	0		06	48			
BAR		0	06	47	0		06	48			
OLT		0	06	47	0		06	48			
EPF		0	06	47	0		06	48			
ETER	I	0	06	47	E 0		06	49		0.04	0.2 27
AVN	D	0	06	47	0		06	49			
FONT		0	06	47	0		06	49			
LPO		9	06	48	0		06	48		0.01	0.2
CAF		4	06	48	4		06	48			

25 abr 14h 16m 00.5s 42°28'N 01°35'E
rms ±0.5s mb 2.8 SIERRA VALLETA.L

LVA	C	0	14	16	0		14	16			
GRBF	C	0	14	16	0		14	16			
SALF	D	0	14	16	0		14	16			
VDCF	C	0	14	16	0		14	16			
OLT		0	14	16	0		14	16			
SQD		0	14	16	0		14	16			
AVN	C	0	14	16	0		14	16			
MRB		0	14	16	0		14	16			
FONT		0	14	16	0		14	16			
ETER	E	0	14	16	E 0		14	16		0.05	0.2 30
EPF		0	14	16	0		14	16		0.02	0.3
EBR	E	9	14	16	E 0		14	17			
EROQ	E	9	14	16	E 0		14	17		0.03	0.2 45
LPO		9	14	16	0		14	17		0.01	0.3
CAF		0	14	16	0		14	17		0.01	0.3

28 abr 15h 49m 20.8s 43°11'N 00°25'W
rms ±0.5s mb 3.5 IV VALLEE D'OSSAU.FR

JAU	C	0	15	49							
OGE	D	0	15	49							
ESCF	C	0	15	49	E 0		15	49			
ATE	C	0	15	49	E 0		15	49			
LHE	C	0	15	49	E 4		15	49			
EPF		0	15	49	0		15	50			
SALF	C	0	15	49	0		15	50			
AVN		0	15	49	0		15	50			
ECRI	E	9	15	49	E 0		15	51		0.14	0.2 70
LPO		0	15	49							
LFF		0	15	49							
MRB		0	15	49							
CAF		0	15	50							
OLT		4	15	50							
RJF		0	15	50							
ETOR	E	0	15	50	E 0		15	50		0.02	0.4 82
EROQ	E	9	15	50	E 0		15	50		0.06	0.2 75
EBR	E	9	15	50	E 0		15	50			
ETER	E	9	15	50	E 0		15	50		0.10	0.4 45
GUD	E	0	15	50	E 0		15	51			83

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
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07 may 17h 45m 50.3s 33°00'N 05°06'W 14Km
rms ±0.8s mb 3.3 ITZER.MAC

IFR	I	0	17	46	I 4		17	46			
RBA	I	0	17	46	I 0		17	47			
AVE	I	0	17	46	I 0		17	47			
TIO	I	0	17	46	I 4		17	47			
EMEL					E 0		17	47			
EJIF	E	0	17	46							
EPRU	E	0	17	46							
EVAL	E	0	17	47	E 0		17	47			
EHOR	E	0	17	47	E 0		17	47			
EBAN	E	0	17	47	E 0		17	48			
PAB	E	0	17	47	E 0		17	49			150
EPLA	I	9	17	47	E 0		17	47			

15 may 10h 37m 16.2s 35°55'N 00°55'W
rms ±0.6s mb 3.4 NW. ORAN

ENIJ	I D	0	10	37	E 0		10	38		0.17	0.2 211
ALM	I C	0	10	37	I 0		10	38			
EALH	E	0	10	37	E 0		10	38		0.12	0.7 193
ACU	E	0	10	37	E 0		10	39			182
AFC	E	0	10	37						0.05	0.6
MAL					I 0		10	38			
EVIA	E	0	10	38	E 0		10	38		0.11	0.6 215
EBAN	E	0	10	38	E 0		10	38		0.05	0.2
PAB	E	0	10	38	E 4		10	39			180
EROQ	E	0	10	38	E 0		10	39			
TOL	E	4	10	38						0.01	0.8 200

16 may 21h 14m 51.3s 37°56'N 01°29'W 9Km
rms ±0.1s mb 2.7 ALHAMA DE MURCIA.MU

EALH	I	0	21	14	E 0		21	15		0.09	0.2 41
ACU	E	0	21	15							28
EVIA	E	0	21	15	E 0		21	15		0.08	0.3 55
ENIJ	E	0	21	15	E 0		21	15		0.02	0.4 46
ECHE	E	9	21	15	E 0		21	16		0.03	0.4 41
EBAN	E	0	21	15	E 0		21	16		0.02	0.3 54
ASMO	E	4	21	15	E 4		21	16			
APHE	E	4	21	15							
AAPN	E	4	21	15	E 4		21	16			
ALOJ	E	4	21	15							
ETOR	E	9	21	15	E 0		21	17		0.01	0.4
GUD	E	9	21	15	E 0		21	17			65

25 may 01h 24m 16.9s 37°44'N 04°04'W 10Km
rms ±0.5s mb 2.5 MARTOS.J

ASMO					E 0		01	24			
AAPN	E	0	01	24	E 4		01	24			
EBAN	I D	0	01	24	E 0		01	24			79
AFC	E	0	01	24	E 0		01	25		0.04	0.2 50
ALOJ					E 0		01	24			
ACHM	E	0	01	24	E 0		01	25			
APHE	E	0	01	24							
ATEJ	E	0	01	24	E 0		01	25			
EHOR	E	0	01	24	E 0		01	25		0.08	0.2 50
MAL					E 0		01	24			
EPRU	E	0	01	24							46

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
ENIJ				E 0	01 25 05.8	0.02	0.5	
PAB				I 0	01 25 10.5			70
GUD	E	9	01 25 11.5	E 0	01 25 57.3			

30 may 06h 28m 08.8s 43°08'N 00°20'W
rms ±0.6s mb 4.0 V VALLEE D'OSSAU.FR

JAU	C	0	06 28 10.6					
OGE	D	0	06 28 11.6					
ESCF	C	0	06 28 12.0					
ATE	D	0	06 28 13.7	E 0	06 28 31.3			
LHE	C	0	06 28 13.9	E 0	06 28 31.8			
EPF		0	06 28 17.9		06 28 43.2			
VIH		0	06 28 26.0					
SALF		0	06 28 29.5		06 29 15.3			
LESF		0	06 28 30.9					
GRBF		0	06 28 33.1					
AVN	D	0	06 28 36.1					
ECRI	E	0	06 28 39.5					
LPO		0	06 28 40.7					
LFF		0	06 28 41.1					
MRB		0	06 28 46.6					
CAF		0	06 28 48.5					
RJF		0	06 28 49.1					
OLT	D	4	06 28 49.3					
ETOR	E	0	06 28 51.9	E 0	06 30 14.7	0.17	0.3	260
EBR	E	9	06 28 52.0	E 0	06 30 14.0			
EROQ	E	9	06 28 52.3	E 0	06 30 13.3			190
ETER	E	9	06 28 55.6	E 0	06 30 21.6			173
ECHE	E	0	06 29 04.0	E 0	06 29 50.0	0.32	0.7	150
GUD	E	0	06 29 07.9	E 0	06 29 58.6	0.07	0.4	225
MTE	E	4	06 29 09.0	E 4	06 29 13.0			
ESEL	E	0	06 29 12.3	E 0	06 30 12.3			160
PAB	E	0	06 29 19.0	E 4	06 30 35.0			300
ACU	E	0	06 29 19.4	E 0	06 30 31.3	0.05	0.7	124
EVIA	E	0	06 29 21.0			0.15	0.7	200
ERUA	E	0	06 29 25.3	E 0	06 30 47.3	0.11	0.5	146
EPLA	E	0	06 29 27.7	E 0	06 30 55.2	0.03	0.4	200
EMON	E	0	06 29 26.2	E 0	06 30 50.7			162
MVO	E	0	06 29 29.0	I 0	06 30 57.5			
EBAN	E	0	06 29 32.0	E 0	06 31 06.5	0.03	0.4	
ASMO	I	0	06 29 43.2					
AAPN	I	0	06 29 45.3					
ALoj	I	0	06 29 48.1					
APHE	I	0	06 29 48.3					
ACHM	E	4	06 29 49.0					
ATEJ	I	0	06 29 50.7					
MOE	E	0	06 30 01.0	E 4	06 31 23.0			

03 jun 02h 33m 53.5s 42°59'N 02°32'E
rms ±0.3s mb 3.0 CORBIERES.FR

MTHF	C	0	02 33 54.1		02 34 49.4			
VDCF	C	0	02 34 00.6					
PERF	C	0	02 34 03.5					
ETER	I	C	02 34 06.7	E 0	02 34 23.0	0.04	0.2	29
OLT		0	02 34 09.2	4	02 34 31.4			
SQD	C	0	02 34 11.5	4	02 34 39.0			
FONT		0	02 34 15.5	0	02 34 47.5			
MRB		0	02 34 20.5	0	02 35 00.8			
EPF		0	02 34 21.4			0.02	0.3	
AVN	9	02 34 25.9		0	02 35 13.9			
CAF	0	02 34 26.8						
LPO	9	02 34 30.0		0	02 35 24.8	0.03	0.3	
LFF	9	02 34 37.2		0	02 35 43.2	0.02	0.3	
RJF	9	02 34 39.0		0	02 35 47.8	0.02	0.3	

03 jun 19h 32m 12.7s 36°09'N 07°45'W 52Km
rms ±0.6s mb 3.0 GOLFO DE CADIZ

FAR				0	19 32 40.2				
FIG	I	D	0	19 32 29.9	I 0	19 33 11.4			
CNIL	E	0	19 32 35.8	E 0	19 33 27.3				
MOMI				E 0	19 32 57.3				
EVAl	E	0	19 32 39.5	E 0	19 33 37.2	0.04	0.2	64	
ALJ	I	0	19 32 41.5						
EJIF	I	C	0	19 32 42.7	E 0	19 33 46.7	0.04	0.7	45
LIJA	I	4	19 32 47.5						
EPRU				E 0	19 33 11.5				
MOE	E	0	19 32 49.5	E 0	19 34 06.0				
EHOR	E	0	19 32 52.2	E 0	19 34 13.9	0.02	0.2	59	
AVE	E	0	19 32 56.0	E 0	19 34 23.0				
MTH				0	19 33 31.0				
ATEJ	E	4	19 33 01.0	E 0	19 33 34.0				
ALoj	E	9	19 33 01.0	E 0	19 33 36.0				
AAPN	E	4	19 33 01.5	0	19 33 35.5				
IFR	I	0	19 33 02.5	I 0	19 33 42.5				
APHE	E	4	19 33 04.8						
ASMO				E 0	19 33 43.0				
EPLA	E	0	19 33 12.7	E 0	19 34 09.9				
MTE				E 0	19 34 00.0				
EVIA	E	0	19 33 22.3	E 0	19 34 37.8	0.01	0.2	71	
MVO				E 0	19 34 20.0				
TIO	I	0	19 33 27.5	I 4	19 34 49.5				
GUD	E	0	19 33 30.0	E 0	19 34 56.8				

04 jun 12h 43m 18.6s 41°04'N 01°57'E
rms ±0.5s mb 3.0 MEDITERRANEO

MRB	0	12 43 29.0		0	12 44 04.2				
POB	0	12 43 32.0		4	12 44 12.2				
FONT	0	12 43 32.7		0	12 44 16.0				
SQD	0	12 43 36.9		0	12 44 27.9				
OLT	0	12 43 38.7		0	12 44 32.9				
EBR	E	0	12 43 39.0	E 0	12 44 34.0				
EROQ	I	C	0	12 43 40.0	E 0	12 44 36.5	0.03	0.3	45
AVN	0	12 43 40.3		0	12 44 37.2				
ETER	E	0	12 43 44.0	E 0	12 44 47.4	0.05	0.4	12	
SALF		0	12 43 50.1						
GRBF		0	12 43 50.6						
EPF		0	12 43 56.4			0.01	0.3		

04 jun 21h 33m 00.8s 37°10'N 04°32'W
rms ±0.2s mb 2.3 PALENCIANA.MA

MAL				I 0	21 33 14.8			
EHOR	E	0	21 33 16.3	E 0	21 33 45.3			37
EJIF				E 0	21 33 34.0			
EBAN	E	0	21 33 21.9	E 0	21 33 59.9			35

05 jun 10h 09m 20.1s 37°07'N 04°32'W
rms ±0.5s mb 2.4 PALENCIANA.MA

ALoj				E 4	10 09 33.7			
AAPN				E 0	10 09 33.0			
MAL	E	4	10 09 30.8	I 0	10 10 03.8			
ATEJ	E	0	10 09 29.1	E 4	10 10 06.1			
ACHM	E	0	10 09 29.9	E 4	10 10 09.6			
APHE	E	0	10 09 32.3	E 4	10 10 17.4			
ASMO	E	4	10 09 34.1	E 4	10 10 19.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
LIJA	I	4	10 09 35.5					
EHOR	E	0	10 09 35.8	E 0	10 10 24.8		45	
EJIF				E 0	10 09 52.9			
EBAN	E	0	10 09 41.2	E 0	10 10 38.5		52	
GIBL	I	0	10 09 41.5					
ALJ	I	4	10 09 42.0					
EVAL				E 0	10 10 12.6			
EVIA	E	0	10 09 55.3	E 0	10 11 18.0			

05 jun 20h 10m 07.0s 37°09'N 04°32'W 5Km
rms ±0.5s mb 2.1 PALENCIANA.MA

ALOJ	E	0	20 10 12.4	E 0	20 10 30.9			
AAPN	E	0	20 10 13.0	E 0	20 10 31.6			
MAL				E 0	20 10 21.0			
ATEJ	E	0	20 10 15.0	E 0	20 10 37.5			
ASMO	E	0	20 10 20.0	E 4	20 10 50.0			
APHE	E	0	20 10 21.0	E 0	20 10 50.0			
EHOR	E	0	20 10 22.6	E 0	20 10 58.2		31	
EJIF				E 0	20 10 40.0			
EBAN	E	0	20 10 28.0	E 0	20 11 12.2		31	
ALJ	I	4	20 10 28.5					
LIJA	I	4	20 10 32.5					
GIBL	I	4	20 10 33.0					
EVIA				E 0	20 11 09.3			

05 jun 23h 33m 30.2s 37°09'N 04°32'W 10Km
rms ±0.5s mb 2.5 PALENCIANA.MA

ALOJ	E	0	23 33 36.3	E 0	23 34 18.3			
AAPN				E 0	23 33 42.2			
ATEJ	E	0	23 33 38.0	E 0	23 34 24.4			
MAL	E	0	23 33 39.0	I 0	23 34 23.0			
ACHM	E	0	23 33 40.6	E 0	23 34 29.2			
EPRU				E 0	23 33 50.0			
ASMO				E 4	23 33 53.4			
AFC				E 0	23 33 55.0			
APHE	E	0	23 33 42.1					
EHOR	E	0	23 33 45.2	E 0	23 34 43.3		45	
LIJA	I	4	23 33 46.5					
EJIF				E 0	23 34 02.8			
EBAN	E	0	23 33 51.0	E 0	23 34 58.0		40	
ALJ	I	4	23 33 52.5					
GIBL	I	4	23 33 54.5					
EVAL				E 0	23 34 23.0			
EVIA	E	0	23 34 04.6	E 0	23 34 36.6			
PAB	E	4	23 34 17.5	E 4	23 35 05.5		70	

06 jun 14h 42m 32.2s 37°09'N 04°34'W 6Km
rms ±0.3s mb 2.1 PALENCIANA.MA

MAL				I 0	14 42 46.0			
AFC				E 0	14 42 58.8			
EHOR	E	0	14 42 48.0	E 0	14 43 48.4		30	
EBAN	E	0	14 42 53.3	E 0	14 44 02.8		25	
EVAL				E 0	14 43 25.2			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			07 jun 00h 07m 26.5s		37°09'N 04°30'W			9Km
			rms ±0.6s		mb 2.3			PALENCIANA.MA

AAPN				E 0	00 07 38.6			
ATEJ	E	0	00 07 34.4	E 0	00 08 15.5			
MAL	I	0	00 07 34.5	I 0	00 08 15.0	0.30	0.7	24
ACHM	E	0	00 07 36.7					
EPRU	E	0	00 07 37.8	E 0	00 08 24.1			
APHE	E	0	00 07 38.0	E 4	00 08 22.6			
ASMO	E	0	00 07 38.3	E 4	00 08 28.1			
AFC	E	0	00 07 40.5			0.01	0.2	
EHOR	E	0	00 07 41.7	E 0	00 08 36.0	0.02	0.2	51
LIJA	I	4	00 07 42.5					
EJIF	E	0	00 07 46.3	E 0	00 08 45.8			
EBAN	E	0	00 07 47.3	E 0	00 08 50.7	0.02	0.2	
ALJ	I	4	00 07 49.5					
GIBL	I	4	00 07 50.5					
EVAL	E	0	00 07 57.6	E 0	00 09 16.6			
EVIA				E 0	00 08 28.6			
PAB	E	9	00 08 15.0	E 0	00 08 59.5			70

07 jun 00h 12m 49.5s 37°10'N 04°32'W 6Km
rms ±0.5s mb 3.4 III PALENCIANA.MA

ALOJ	I	0	00 12 55.5	E 0	00 13 56.4			
AAPN	E	0	00 12 55.5	E 0	00 13 57.1			
MAL	I D	0	00 12 57.3	I 0	00 14 01.3	1.84	0.5	86
ATEJ	E	0	00 12 57.6	E 0	00 14 03.3			
ACHM	E	0	00 12 59.3	E 0	00 14 07.6			
EPRU	I	0	00 13 01.3	E 0	00 13 10.5	0.07	0.3	105
APHE	E	0	00 13 01.4	E 0	00 13 13.6			
ASMO	E	0	00 13 01.4	E 0	00 13 12.6			
AFC	E	0	00 13 04.4	E 0	00 13 19.0	0.06	0.2	95
EHOR	I D	0	00 13 05.0	E 0	00 13 21.2	0.16	0.2	140
LIJA	I	4	00 13 05.0					
EJIF	E	0	00 13 09.0	E 0	00 13 31.0	0.06	0.3	
EBAN	I C	0	00 13 10.4	E 0	00 13 36.0			
SRQ	E	0	00 13 10.5					
ALJ	I	4	00 13 11.5					
GIBL	I	4	00 13 13.0					
MOMI	E	4	00 13 15.0					
OJEN	E	4	00 13 15.5					
PLAT	E	4	00 13 16.0					
EVIA	I D	0	00 13 19.3	E 0	00 14 01.3	0.03	0.2	125
CNIL	E	4	00 13 21.0					
EVIA	I C	0	00 13 24.7	E 0	00 14 16.4	0.04	0.2	135
ENIJ	E	9	00 13 25.0	E 0	00 14 14.0	0.03	0.4	105
PAB	I	9	00 13 33.2	I 0	00 14 35.2			
EPLA	E	0	00 13 38.0	E 0	00 14 52.5	0.05	0.3	130
TOL	I	4	00 13 40.0	E 4	00 14 48.0	0.06	0.8	130
MOE	E	0	00 13 40.5	E 0	00 14 59.5			
FIG	E	4	00 13 40.5	I 0	00 14 44.0			
GUD	E	0	00 13 43.5	E 0	00 15 05.5	0.03	0.3	145
ECHE	E	0	00 13 46.0	E 0	00 15 15.0			115
MVO	E	0	00 13 56.5	E 0	00 14 02.0			
MTE	E	4	00 14 03.0	I 4	00 14 55.0			

07 jun 00h 25m 41.3s 37°09'N 04°31'W
rms ±0.5s mb 2.1 PALENCIANA.MA

MAL				I 0	00 25 55.0			
EHOR	E	0	00 25 56.7	E 0	00 27 07.2			27
EBAN	E	0	00 26 02.2	E 0	00 26 21.0			25
EVIA				E 0	00 26 43.6			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 00h 28m 35.6s 37°09'N 04°33'W 8Km rms ±0.5s mb 2.9 PALENCIANA.MA									07 jun 00h 56m 06.6s 37°09'N 04°32'W 9Km rms ±0.7s mb 2.2 PALENCIANA.MA								
ALOJ	I	0	00 28 41.8	E 4	00 29 30.4				ALOJ				E 0	00 56 17.3			
AAPN	E	0	00 28 41.9	E 0	00 29 30.0				AAPN	E	0	00 56 12.7	E 0	00 56 30.8			
ATEJ	E	0	00 28 43.9	I 0	00 29 35.8				MAL				I 0	00 56 20.8			
MAL	I	C	00 28 44.0	I 0	00 29 34.0	0.75	0.4	49	ATEJ	E	0	00 56 14.7					
ACHM	E	0	00 28 45.9	E 0	00 29 40.8				ACHM	E	0	00 56 17.3	E 0	00 56 43.0			
APHE	E	0	00 28 47.7	E 0	00 29 46.8				EPRU				E 0	00 56 26.7			
ASMO	E	0	00 28 48.1	E 4	00 29 46.5				APHE	E	0	00 56 18.5	E 0	00 56 46.6			
EPRU	E	9	00 28 48.4	E 0	00 29 44.5			60	ASMO				E 0	00 56 29.0			
AFC	E	0	00 28 50.7	E 0	00 29 51.7	0.03	0.2		EHOR	E	0	00 56 22.4	E 0	00 56 55.9			43
EHOR	I	D	00 28 51.3	E 0	00 29 54.8	0.06	0.2	90	EJIF	E	0	00 56 26.0	E 0	00 57 05.0			
EJIF	E	4	00 28 56.0						EBAN	E	0	00 56 27.5	E 0	00 57 11.5			35
EBAN	E	0	00 28 56.8	E 0	00 30 08.8	0.08	0.2		EVAL				E 0	00 56 59.2			25
LIJA	I	4	00 28 58.0						07 jun 01h 02m 39.4s 37°10'N 04°32'W rms ±0.4s mb 2.4 PALENCIANA.MA								
MOMI	E	0	00 28 59.0						ALOJ	E	0	01 02 45.3	E 0	01 03 36.4			
PLAT	E	0	00 28 59.5						AAPN	E	0	01 02 45.3	E 0	01 03 35.7			
ALJ	I	4	00 29 00.0						MAL				I 0	01 02 54.0			
CNIL	E	0	00 29 00.0						ATEJ	E	0	01 02 47.8	E 0	01 03 43.3			
SRQ	E	4	00 29 00.0						ACHM	E	0	01 02 49.7	E 4	01 03 48.9			
GIBL	I	4	00 29 00.5						APHE	E	0	01 02 51.5	E 0	01 03 53.2			
EVAL	E	0	00 29 05.6	E 0	00 29 33.4	0.02	0.2	80	ASMO	E	0	01 02 51.6	E 4	01 03 54.5			
EVIA	E	0	00 29 11.1	E 0	00 29 49.1			93	EHOR	E	0	01 02 55.3	E 0	01 04 02.6			42
PAB	E	9	00 29 19.5	I 0	00 30 07.5			120	EBAN	E	0	01 03 01.0	E 0	01 03 17.6			
EPLA				E 0	00 30 00.5				07 jun 01h 22m 00.4s 37°10'N 04°32'W 4Km rms ±0.5s mb 2.3 PALENCIANA.MA								
TOL	E	4	00 29 27.5	E 4	00 30 31.0			75	ALOJ	E	0	01 22 06.4	E 0	01 22 17.9			
ECHE	E	0	00 29 32.2						AAPN	E	0	01 22 06.4	E 0	01 22 18.0			
07 jun 00h 35m 35.0s 37°10'N 04°32'W 6Km rms ±0.6s mb 2.4 PALENCIANA.MA									MAL				I 0	01 22 14.8			
MAL				I 0	00 35 48.8				ATEJ	E	0	01 22 08.6	E 0	01 22 25.1			
EPRU	E	0	00 35 46.3	E 0	00 36 39.5				ACHM	E	0	01 22 10.7	I 0	01 22 29.7			
LIJA	I	0	00 35 50.0						APHE	E	0	01 22 12.4	E 0	01 22 35.9			
AFC				E 0	00 36 01.0				ASMO	E	0	01 22 12.6	E 0	01 22 35.4			
EHOR	E	0	00 35 50.3	E 0	00 36 52.9			41	AFC				E 0	01 22 26.2			
EJIF	E	0	00 35 54.8	E 0	00 37 02.6				EHOR	E	0	01 22 16.2	E 0	01 22 44.6			
GIBL	I	0	00 35 55.5						EJIF	E	0	01 22 20.0	E 0	01 22 53.6			
EBAN	E	0	00 35 55.6	E 0	00 37 07.2			35	EBAN	E	0	01 22 21.5	E 0	01 22 59.5			
ALJ	I	4	00 35 57.5						EVAL				E 0	01 22 53.2			
EVAL				E 0	00 36 27.7				EVIA				E 0	01 23 02.8			
PAB				E 4	00 36 53.0				PAB	E	4	01 22 42.0	I 4	01 24 00.5			
07 jun 00h 46m 02.3s 37°10'N 04°34'W 4Km rms ±0.5s mb 2.1 PALENCIANA.MA									07 jun 01h 54m 22.3s 37°10'N 04°30'W 6Km rms ±0.6s mb 3.1 PALENCIANA.MA								
AAPN				E 0	00 46 14.5				ALOJ	E	0	01 54 28.1	I 4	01 55 03.0			
MAL				I 0	00 46 17.5				AAPN	E	0	01 54 28.2	E 0	01 55 02.5			
ATEJ	E	0	00 46 10.3	E 0	00 46 29.2				MAL	I	D	01 54 30.0	I 0	01 55 06.0	1.21	0.4	55
ACHM	E	0	00 46 13.3						ATEJ	I	0	01 54 30.3	E 0	01 55 08.7			
ASMO	E	0	00 46 14.1	E 4	00 46 40.5				ACHM	E	0	01 54 32.0	E 4	01 55 14.4			
APHE	E	0	00 46 14.5	E 0	00 46 40.7				EPRU	E	0	01 54 33.9	E 0	01 55 16.2	0.03	0.3	83
AFC	E	0	00 46 17.6					30	ASMO	E	0	01 54 34.0	E 4	01 55 19.5			
EHOR	E	0	00 46 18.2	E 0	00 46 47.4			44	APHE	E	0	01 54 34.1	E 0	01 55 19.5			
EBAN	E	0	00 46 23.2	E 0	00 47 03.2			35	AFC	E	0	01 54 36.9	E 0	01 55 23.7	0.04	0.2	75
EVAL				E 0	00 46 55.2				EHOR	I	D	01 54 37.6	E 0	01 55 29.2	0.07	0.2	105
EVIA				E 0	00 47 05.0				LIJA	I	4	01 54 40.0					
07 jun 00h 46m 02.3s 37°10'N 04°34'W 4Km rms ±0.5s mb 2.1 PALENCIANA.MA									GIBL	I	4	01 54 40.5					
AAPN				E 0	00 46 14.5				EJIF	E	0	01 54 41.8	E 0	01 55 37.8	0.05	0.4	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
MOMI	E	4	01 54 42.5					
EBAN	I C	0	01 54 43.1	E 0	01 55 41.4	0.11	0.2	
ALJ	I	4	01 54 46.0					
SRQ	E	4	01 54 47.0					
OJEN	E	4	01 54 50.0					
EVAL	I D	0	01 54 51.8	E 0	01 56 08.2	0.02	0.2	96
CNIL	E	4	01 54 53.5					
ENIJ	E	9	01 54 58.0	E 0	01 56 19.7	0.02	0.4	
EVIA	I C	0	01 54 57.4	E 0	01 56 21.6	0.03	0.2	108
PAB				E 0	01 55 30.0			120
FIG					01 55 36.5			
EPLA				E 0	01 55 47.3			
TOL	E	4	01 55 13.5	E 4	01 56 02.5			90
MOE	E	0	01 55 13.5	E 0	01 56 05.0			
GUD	E	0	01 55 16.4	E 0	01 56 12.8	0.02	0.3	
MVO	E	4	01 56 18.5	E 4	01 56 59.5			
ECHE	E	0	01 55 18.6	E 0	01 56 19.6			85

07 jun 01h 57m 40.3s 37°10'N 04°32'W 6Km
rms ±0.6s mb 2.8 PALENCIANA.MA

ALOJ	E	0	01 57 46.0	E 0	01 58 37.3			
AAPN	E	0	01 57 46.1	E 0	01 58 37.3			
MAL	I C	0	01 57 48.4	I 0	01 58 42.2	0.63	0.6	39
ATEJ	E	0	01 57 48.5	E 0	01 58 44.3			
ACHM	E	0	01 57 50.8	E 0	01 58 49.9			
EPRU	E	0	01 57 52.0	E 0	01 58 51.6	0.03	0.3	62
APHE	E	0	01 57 52.3	E 0	01 58 55.8			
ASMO	E	0	01 57 52.7	E 4	01 58 56.1			
AFC	E	0	01 57 55.0	E 0	01 59 01.0	0.01	0.2	60
LIJA	I	0	01 57 55.5					
EHOR	E	0	01 57 55.7	E 0	01 59 03.4	0.05	0.2	75
EJIF	E	0	01 58 00.0	E 0	01 58 13.4	0.04	0.4	
EBAN	E	0	01 58 01.0	E 0	01 58 18.3	0.04	0.2	
ALJ	I	4	01 58 02.0					
GIBL	I	4	01 58 03.5					
SRQ	E	4	01 58 03.5					
MOMI	E	4	01 58 05.0					
PLAT	E	0	01 58 05.5					
CNIL	E	4	01 58 10.0					
EVAL	E	0	01 58 10.0	E 0	01 58 42.7	0.01	0.2	68
EVIA	E	0	01 58 15.4	E 0	01 58 57.9			88
PAB	E	4	01 58 26.5	E 4	01 59 25.8			85
TOL				E 4	01 59 04.0			
GUD				E 0	01 59 13.3			

07 jun 02h 33m 38.2s 37°09'N 04°32'W 9Km
rms ±0.3s mb 2.5 PALENCIANA.MA

MAL				I 0	02 33 52.8			
ASMO	E	0	02 33 50.0					
ACHM	E	4	02 33 50.5					
AFC				E 0	02 34 03.3			40
EHOR	E	0	02 33 54.0	E 0	02 35 00.5	0.04	0.2	50
EBAN	E	0	02 33 59.0	E 0	02 35 14.0	0.05	0.2	
EVAL	E	0	02 34 08.0	E 0	02 34 38.5			
EVIA	E	0	02 34 13.2	E 0	02 34 53.8			53
PAB	E	4	02 34 25.0	E 4	02 35 12.0			70

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun			02h 41m 15.5s		37°09'N 04°31'W			9Km
			rms ±0.5s		PALENCIANA.MA			
ALOJ	E	0	02 41 22.0	E 0	02 41 48.5			
MAL	I	0	02 41 24.5	I 0	02 41 54.0	0.44	0.5	30
ATEJ	E	0	02 41 23.6	E 0	02 41 54.0			
ACHM	E	0	02 41 25.5	E 0	02 41 58.1			
EPRU	E	0	02 41 27.0	E 0	02 42 01.0			
ASMO	E	0	02 41 27.0					
AFC	E	0	02 41 30.8	E 0	02 42 11.8			
EHOR	E	0	02 41 31.6	E 0	02 42 14.9			
EJIF				E 0	02 41 48.0			
EBAN	E	0	02 41 36.2	E 0	02 42 28.5			
SRQ	E	4	02 41 38.5					
MOMI	E	4	02 41 44.0					
PLAT	E	4	02 41 46.0					
EVAL	E	0	02 41 46.5	E 0	02 42 54.0			65
EVIA	E	0	02 41 50.2	E 0	02 43 07.5			
PAB	E	9	02 41 56.5	E 0	02 43 20.5			70

07 jun 02h 47m 50.3s 43°56'N 06°32'W 30Km
rms ±0.7s mb 2.8 MAR CANTABRICO

EMON	I C	0	02 48 04.3	E 0	02 48 17.5			90
ERUA				E 0	02 48 34.0	0.03	0.3	65
STS	E	0	02 48 18.6	E 0	02 48 57.6	0.03	0.3	71
MVO	E	4	02 48 44.8	E 4	02 49 58.8			
GUD	E	0	02 48 46.0	E 0	02 50 11.7			90
EPF				0	02 50 06.4			
MFF				0	02 50 09.6	0.01	0.3	
LFF				0	02 50 11.0			
LPO				0	02 50 22.2			

07 jun 02h 59m 14.2s 37°10'N 04°30'W 5Km
rms ±0.5s mb 3.1 PALENCIANA.MA

ALOJ	E	0	02 59 20.0					
AAPN	E	0	02 59 20.0					
ATEJ	E	0	02 59 22.0	E 0	02 59 51.5			
MAL	I D	0	02 59 22.0	I 0	02 59 50.0	1.86	0.4	6
ACHM	E	0	02 59 24.2	E 4	02 59 58.6			
ASMO	E	0	02 59 25.9	E 4	03 00 02.4			
APHE	E	0	02 59 25.9					
EPRU	E	0	02 59 25.8	E 0	02 59 59.9	0.05	0.3	90
LIJA	I	0	02 59 28.5					
AFC	E	0	02 59 28.8	E 0	03 00 07.3	0.05	0.2	80
EHOR	I D	0	02 59 29.4	E 0	03 00 11.9	0.11	0.2	125
EJIF	E	0	02 59 33.9	E 0	03 00 21.9	0.08	0.4	
EBAN	I C	0	02 59 35.0	E 0	03 00 25.0			
ALJ	I	4	02 59 35.5					
SRQ	E	0	02 59 36.0					
GIBL	E	0	02 59 36.5					
EVAL	I D	0	02 59 43.8	E 0	03 00 52.1	0.03	0.2	110
CNIL	E	4	02 59 46.0					
EVIA	I C	0	02 59 49.3	E 0	03 01 05.3	0.05	0.2	110
ENIJ	E	9	02 59 50.0	E 0	03 01 03.5	0.03	0.4	
TOL	E	4	02 59 53.5	E 4	03 01 29.0	0.06	0.8	125
PAB	I	0	02 59 53.5	I 4	03 01 16.0			185
FIG	E	4	02 60 05.0	E 0	02 60 33.0			
EPLA				E 0	02 60 40.3			
GUD	E	0	02 60 08.1	E 0	02 60 56.1	0.03	0.3	130
ECHE	E	0	02 60 10.3	E 0	03 01 03.3			104
MOE	E	4	02 60 13.5	E 0	02 60 57.0			
MVO	E	9	02 60 43.5	E 0	03 02 16.5			
MTE				4	02 61 16.5			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 03h 05m 02.1s 37°10'N 04°32'W 9Km rms ±0.7s mb 2.4 PALENCIANA.MA									07 jun 04h 32m 18.4s 37°09'N 04°33'W 9Km rms ±0.4s mb 2.5 PALENCIANA.MA								
ALOJ	E	0	03 05 07.8	E 0	03 05 22.0				APHE	E	0	04 32 18.4	E 0	04 32 48.2			
AAPN	E	0	03 05 07.9						ASMO	E	0	04 32 18.5	E 4	04 32 47.9			
ATEJ	E	0	03 05 10.2	E 0	03 05 28.2				AFC				E 0	04 32 32.7			
MAL	E	0	03 05 11.0	I 0	03 05 27.0	0.31	0.7	30	EHOR	E	0	04 32 22.0	E 0	04 32 57.0			45
LIJA	I	4	03 05 11.5						EJIF				E 0	04 32 40.0			
ACHM	E	0	03 05 12.5	E 0	03 05 33.7				EBAN	E	0	04 32 27.5	E 0	04 33 11.5			50
EPRU	E	0	03 05 13.5	E 0	03 05 34.5			50	EVAL				E 0	04 32 59.0			
APHE	E	0	03 05 13.5	E 0	03 05 38.5				EVIA	E	0	04 32 42.2	E 0	04 33 50.9			
ASMO	E	0	03 05 13.5	E 0	03 05 36.5				PAB	E	4	04 32 47.0	E 4	04 34 07.0			
AFC	E	0	03 05 16.0	E 0	03 05 43.0			30									
EHOR	E	0	03 05 17.3	E 0	03 05 48.1			50									
SRQ	E	0	03 05 21.0														
ALJ	I	0	03 05 21.0														
EJIF				E 0	03 05 35.3												
EBAN	E	0	03 05 22.5	E 0	03 06 01.5			30									
GIBL	I	4	03 05 25.5														
EVAL	E	0	03 05 31.6	E 0	03 06 26.0												
EVIA				E 0	03 06 04.0												
PAB	E	4	03 05 49.5	E 4	03 07 10.5												
07 jun 03h 10m 14.8s 37°10'N 04°32'W 7Km rms ±0.6s mb 2.4 PALENCIANA.MA									07 jun 05h 03m 22.7s 37°09'N 04°33'W 9Km rms ±0.4s mb 2.5 PALENCIANA.MA								
ALOJ	I	0	03 10 20.4	E 0	03 10 46.9				MAL				I 0	05 03 37.0			
AAPN	E	0	03 10 20.5	E 0	03 10 47.2				APHE	E	0	05 03 35.0					
MAL				I 0	03 10 29.0				ASMO	E	0	05 03 35.0					
ATEJ	E	0	03 10 22.8	E 0	03 10 53.3				ACHM	E	4	05 03 36.0	E 0	05 04 17.5			
EPRU				E 0	03 10 33.5				EPRU				E 0	05 03 42.0			
ACHM				E 0	03 10 33.8				EHOR	E	0	05 03 38.0	E 0	05 04 28.0			48
ASMO	E	0	03 10 26.5	E 0	03 11 03.1				EBAN	E	0	05 03 44.2	E 0	05 04 43.8			45
APHE	E	0	03 10 26.5	E 0	03 11 04.0				LIJA	I	4	05 03 41.0					
LIJA	I	0	03 10 29.5						ALJ	I	4	05 03 47.0					
EHOR	E	0	03 10 30.1	E 0	03 11 12.6			43	GIBL	I	4	05 03 47.0					
AFC	E	0	03 10 30.2	E 0	03 11 10.4			40	EVAL				E 0	05 04 14.5			
EJIF				E 0	03 10 48.0				EVIA	E	0	05 03 58.1	E 0	05 05 23.3			
EBAN	E	0	03 10 36.0	E 0	03 11 27.8			40	PAB				I 4	05 04 32.0			
ALJ	I	4	03 10 37.0														
GIBL	I	0	03 10 37.0														
EVAL	E	0	03 10 45.0	E 0	03 11 52.0												
EVIA	E	0	03 10 50.0	E 0	03 12 07.0												
PAB				E 4	03 11 28.0												
07 jun 03h 15m 44.4s 37°09'N 04°34'W 7Km rms ±0.3s mb 2.2 PALENCIANA.MA									07 jun 05h 07m 49.5s 37°10'N 04°31'W 9Km rms ±0.5s mb 3.0 PALENCIANA.MA								
MAL				I 0	03 15 58.8				ALOJ	E	0	05 07 55.5					
EHOR	E	0	03 16 00.0	E 0	03 16 12.2			33	MAL	I	0	05 07 57.2	I 0	05 09 01.2	0.76	0.4	39
EBAN	E	0	03 16 05.4	E 0	03 16 27.4			35	ATEJ	E	0	05 07 57.5	E 0	05 09 03.1			
EVAL				E 0	03 16 36.7				ACHM	E	0	05 07 59.5	E 4	05 09 09.5			
EVIA				E 0	03 16 46.8				APHE	E	0	05 08 01.5					
PAB				E 0	03 16 52.0				ASMO	E	0	05 08 01.6	E 4	05 08 14.8			
07 jun 04h 32m 06.7s 37°10'N 04°32'W 6Km rms ±0.5s mb 2.3 PALENCIANA.MA									07 jun 05h 08m 05.0s 37°09'N 04°30'W 8Km rms ±0.6s mb 2.3 PALENCIANA.MA								
ALOJ	E	0	04 32 12.5						EPRU				E 0	05 08 10.7	0.03	0.3	
AAPN	E	0	04 32 13.0						LIJA	I	4	05 08 05.0					
MAL	I	0	04 32 15.0	I 0	04 32 36.5	0.24	0.4	20	EHOR	I	0	05 08 05.0	E 0	05 08 21.5	0.07	0.2	
ACHM	E	0	04 32 17.0	E 4	04 32 43.5				EJIF	E	0	05 08 08.5					
									07 jun 05h 08m 10.4s 37°09'N 04°30'W 8Km rms ±0.6s mb 2.3 PALENCIANA.MA								
									MAL								
									EPRU								
									EHOR								
									AFC								
									LIJA								
									EJIF								
									EBAN								

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR	
ALJ	I		4	05	11		10.0					
GIBL	I		4	05	11		12.0					
EVAL					E	0	05	11	40.3			
EVIA	E		0	05	11		23.0			66		
PAB	E		0	05	11		27.0	E	4	05	12	28.5
<hr/>												
07 jun 05h 15m 23.9s 37°08'N 04°35'W 9Km rms ±0.5s mb 2.1 PALENCIANA.MA												
MAL					I	0	05	15	38.0			
AFC					E	0	05	15	51.0			
EHOR	E		0	05	15		39.5	E	0	05	16	31.5
EBAN	E		0	05	15		44.6	E	0	05	16	45.8
EVIA					E	0	05	16	26.3			
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07 jun 05h 35m 08.2s 37°09'N 04°32'W 7Km rms ±0.6s mb 2.2 PALENCIANA.MA												
ALOJ	E		0	05	35		14.0	E	0	05	35	34.0
AAPN	E		0	05	35		14.0	E	0	05	35	34.5
MAL					I	0	05	35	22.3			
ATEJ	E		0	05	35		16.0	E	0	05	35	40.0
APHE	E		0	05	35		20.0	E	0	05	35	51.5
EHOR	E		0	05	35		24.7	E	0	05	36	00.9
EBAN	E		0	05	35		29.2	E	0	05	36	14.7
EVAL					E	0	05	36	01.7			
<hr/>												
07 jun 05h 35m 31.9s 37°10'N 04°32'W 6Km rms ±0.6s mb 2.6 PALENCIANA.MA												
MAL	I		0	05	35		39.8	I	0	05	36	25.8
EPRU					E	0	05	35	52.2			
AFC	E		0	05	35		47.0	E	0	05	36	44.0
EHOR	E		0	05	35		47.0	E	0	05	36	46.0
LIJA	I		4	05	35		48.0					
EJIF					E	0	05	36	04.8			
EBAN	E		0	05	35		53.0	E	0	05	37	02.0
ALJ	I		4	05	35		53.0					
GIBL	I		4	05	35		55.5					
EVAL					E	0	05	36	24.3			
EVIA	E		0	05	36		07.3	E	0	05	36	40.3
PAB	E		0	05	36		11.0	E	4	05	36	51.5
TOL					E	4	05	36	45.0			
<hr/>												
07 jun 05h 48m 41.1s 37°09'N 04°33'W 4Km rms ±0.5s mb 2.3 PALENCIANA.MA												
ALOJ	E		0	05	48		47.2	E	0	05	49	39.2
AAPN	E		0	05	48		47.6	E	0	05	49	40.8
MAL					I	0	05	48	56.0			
ATEJ	E		0	05	48		49.5	E	0	05	49	46.7
ASMO					E	0	05	49	02.5			
APHE	E		0	05	48		53.5	E	0	05	49	57.5
EHOR	E		0	05	48		56.8	E	0	05	50	06.8
EBAN	E		0	05	49		02.6	E	0	05	49	21.6
EVAL					E	0	05	49	34.0			
EVIA					E	0	05	49	44.0			

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR	
07 jun 06h 00m 24.0s 37°09'N 04°33'W 9Km rms ±0.4s mb 2.7 PALENCIANA.MA												
MAL					I	0	06	00	38.3			
ACHM	E		0	06	00		34.0	E	4	06	01	18.0
APHE	E		0	06	00		35.8					
EPRU	E		0	06	00		34.9	E	0	06	01	17.6
ASMO	E		0	06	00		36.0	E	0	06	01	22.5
AFC	E		0	06	00		39.0	E	0	06	01	28.7
EHOR	E		0	06	00		39.4	E	0	06	01	31.0
LIJA	I		4	06	00		40.0					
EJIF	E		9	06	00		44.3	E	0	06	01	42.6
EBAN	E		0	06	00		45.1	E	0	06	01	46.1
ALJ	I		4	06	00		46.0					
GIBL	I		4	06	00		48.0					
EVAL	E		0	06	00		53.8	E	0	06	02	09.8
EVIA	E		0	06	00		59.2	E	0	06	02	24.9
PAB					E	0	06	01	32.0			
EPLA					E	0	06	01	49.0			
GUD					E	4	06	01	59.7			
<hr/>												
07 jun 06h 02m 19.7s 37°10'N 04°33'W 10Km rms ±0.7s mb 2.4 PALENCIANA.MA												
MAL					I	0	06	02	33.7			
EPRU	E		0	06	02		30.6	E	0	06	03	09.6
AFC	E		0	06	02		33.5	E	0	06	03	19.3
EHOR	E		0	06	02		34.5	E	0	06	03	21.0
LIJA	I		4	06	02		35.0					
EBAN	E		0	06	02		40.0	E	0	06	03	36.9
GIBL	I		0	06	02		42.0					
EVAL					E	0	06	03	11.3			
ALJ	I		4	06	02		46.5					
EVIA	E		0	06	02		54.2	E	0	06	04	15.4
PAB	E		0	06	02		58.0	E	0	06	04	25.0
<hr/>												
07 jun 06h 09m 38.1s 37°10'N 04°32'W rms ±0.6s mb 2.3 PALENCIANA.MA												
ALOJ	E		0	06	09		43.5	E	0	06	10	33.0
MAL					I	0	06	09	52.5			
ATEJ	E		0	06	09		46.0	E	0	06	10	39.5
ACHM					E	0	06	09	57.0			
APHE	E		0	06	09		50.0					
ASMO	E		0	06	09		50.0	E	4	06	10	55.0
AFC	E		0	06	09		53.4	E	0	06	10	58.4
EHOR	E		0	06	09		54.2	E	0	06	11	00.2
EJIF					E	0	06	10	11.4			
EBAN	E		0	06	09		59.4	E	0	06	11	14.9
EVIA					E	0	06	10	40.6			
<hr/>												
07 jun 06h 22m 10.5s 37°10'N 04°32'W 3Km rms ±0.5s mb 2.4 PALENCIANA.MA												
AAPN	I		0	06	22		16.5	E	0	06	22	38.0
ALOJ	E		0	06	22		16.6	E	0	06	22	38.1
MAL					I	0	06	22	25.0			
ACHM	E		0	06	22		21.0	E	0	06	22	50.0
EPRU					E	0	06	22	29.3			
LIJA	I		4	06	22		22.5					
APHE	E		0	06	22		22.6	E	0	06	22	55.8
ASMO	E		0	06	22		23.0	E	0	06	22	54.5
AFC					E	0	06	22	37.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EHOR	E	0	06 22 26.0	E 0	06 23 04.6				PAB	E	0	07 05 18.5	E 4	07 06 12.0			100
ALJ	I	4	06 22 30.5						TOL				E 4	07 05 53.5			
EJIF	E	0	06 22 30.5	E 0	06 23 14.2				EPLA				E 0	07 06 06.8			
EBAN	E	0	06 22 31.8	E 0	06 23 20.1				GUD				E 0	07 06 13.0			
GIBL	I	4	06 22 37.5														
EVAL	E	0	06 22 40.2	E 0	06 23 43.6												
EVIA	E	0	06 22 46.1	E 0	06 23 59.4												
PAB				E 0	06 23 19.0												
07 jun 06h 53m 51.4s 37°09'N 04°33'W 6Km rms ±0.6s mb 2.3 PALENCIANA.MA									07 jun 07h 38m 13.7s 37°09'N 04°34'W 5Km rms ±0.6s mb 2.6 PALENCIANA.MA								
ALOJ	E	0	06 53 57.5						ALOJ	E	0	07 38 20.2	E 0	07 38 46.6			
AAPN	E	0	06 53 57.5						AAPN	E	0	07 38 20.3	E 0	07 38 47.3			
MAL				I 0	06 54 05.0				MAL				I 0	07 38 28.5			
APHE	E	0	06 54 03.6	E 0	06 54 17.6				ATEJ	E	0	07 38 22.2	E 0	07 38 52.2			
ASMO	E	0	06 54 04.5	E 0	06 54 18.4				EPRU				E 0	07 38 31.8			
EHOR	E	0	06 54 07.6	E 0	06 54 26.6			34	ACHM	E	0	07 38 23.9	E 0	07 38 56.7			
AFC				E 0	06 54 17.5				ASMO	E	0	07 38 25.5	E 0	07 39 01.4			
EJIF				E 0	06 54 24.5				APHE	E	0	07 38 25.9	E 0	07 39 04.1			
EBAN	E	0	06 54 12.5	E 0	06 54 41.3			35	AFC	E	0	07 38 28.8	E 0	07 39 08.8	0.02	0.3	55
EVAL				E 0	06 54 43.7				EHOR	E	0	07 38 30.0	E 0	07 39 11.0	0.02	0.2	65
EVIA				E 0	06 54 53.6				EBAN	E	0	07 38 35.3	E 0	07 39 27.3	0.04	0.2	
07 jun 07h 03m 25.6s 37°08'N 04°32'W 5Km rms ±0.5s mb 2.3 PALENCIANA.MA									07 jun 07h 38m 36.0								
ALOJ	E	0	07 03 31.6	E 0	07 04 08.1				GIBL	I	4	07 38 38.0					
AAPN	E	0	07 03 31.6	E 0	07 04 08.6				EVAL				E 0	07 39 06.8			
ATEJ	E	0	07 03 34.0	E 0	07 04 15.0				EVIA				E 0	07 39 16.5			
APHE	E	0	07 03 38.0	E 0	07 04 26.2				PAB				E 0	07 39 21.0			80
ASMO	E	0	07 03 38.0	E 0	07 04 26.0				07 jun 07h 57m 15.7s 37°09'N 04°32'W rms ±0.8s mb 2.4 PALENCIANA.MA								
AFC	E	0	07 03 40.0	E 0	07 04 31.3				AAPN	E	0	07 57 21.2	E 0	07 57 48.6			
EHOR	E	0	07 03 41.0	E 0	07 04 35.4			45	ALOJ	E	0	07 57 21.5	E 0	07 57 49.1			
LIJA	I	4	07 03 42.5						MAL				I 0	07 57 30.2			
EJIF	E	0	07 03 45.0	E 0	07 04 42.5				ATEJ	E	0	07 57 24.0	E 0	07 57 55.8			
EBAN	E	0	07 03 47.0	E 0	07 04 50.2			42	ASMO	E	0	07 57 26.6	E 0	07 58 03.6			
GIBL	I	0	07 03 48.0						APHE	E	0	07 57 27.5	E 0	07 58 07.5			
ALJ	I	4	07 03 48.5						EHOR	E	0	07 57 31.3	E 0	07 58 15.3			
EVAL	E	0	07 03 56.5	E 0	07 05 14.5				LIJA	I	4	07 57 33.0					
EVIA	E	0	07 04 01.4	E 0	07 04 29.8				ALJ	I	4	07 57 38.5					
07 jun 07h 04m 40.6s 37°10'N 04°30'W 9Km rms ±0.6s mb 2.9 PALENCIANA.MA									07 jun 07h 57m 32.9s 37°09'N 04°33'W 6Km rms ±0.5s mb 2.7 PALENCIANA.MA								
ALOJ	E	0	07 04 46.0	I 0	07 05 37.0				GIBL	I	4	07 57 45.0					
AAPN	E	0	07 04 46.5	E 0	07 05 38.1				EBAN				E 0	07 57 53.5			
ATEJ	E	0	07 04 48.5	I 0	07 05 44.5				07 jun 07h 57m 39.0								
ACHM	E	0	07 04 50.5	E 0	07 05 49.5				AAPN				E 0	07 58 23.1			
EPRU	E	0	07 04 52.3	E 0	07 05 53.1				MAL				E 0	07 57 45.3			
APHE	E	0	07 04 52.5	E 0	07 05 55.5				ATEJ	E	0	07 57 41.1	E 0	07 58 29.3			
ASMO	E	0	07 04 52.6	E 0	07 05 53.6				EPRU				E 0	07 57 52.0			
LIJA	I	0	07 04 55.5						APHE	E	0	07 57 46.0	E 0	07 58 41.8			
AFC	E	0	07 04 55.0			0.02	0.2	63	ACHM				E 0	07 57 52.0			
EHOR	I	0	07 04 55.9	E 0	07 06 04.9	0.04	0.2	70	ASMO				E 0	07 57 54.9			
EBAN	I	0	07 05 01.5	E 0	07 05 18.5	0.07	0.2	70	EHOR	E	0	07 57 48.8	E 0	07 58 48.8			70
ALJ	I	4	07 05 02.0						AFC	E	0	07 57 48.0	E 0	07 58 47.6			
GIBL	I	0	07 05 02.5						EJIF	E	0	07 57 52.0	E 0	07 58 56.5			
SRQ	E	4	07 05 05.0						EBAN				E 0	07 58 11.0			50
MOMI	E	4	07 05 08.0						EVAL				E 0	07 58 26.0			
EVAL	E	0	07 05 10.0	E 0	07 05 42.7				EVIA	E	0	07 57 68.4	E 0	07 59 44.2			
EVIA	E	0	07 05 15.8	E 0	07 05 58.2			75	GUD				E 0	07 59 06.3			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 09h 02m 02.6s 37°09'N 04°33'W 10Km rms ±0.6s mb 2.2 PALENCIANA.MA									APHE E 4 10 59 11.2 E 0 10 59 34.8								
AAPN E 0 09 02 08.7 E 0 09 02 23.7									ASMO E 0 10 59 11.9 E 4 10 59 36.0								
ALOJ E 0 09 02 08.8 E 0 09 02 24.1									AFC E 0 10 59 14.5 E 0 10 59 41.1								
MAL I 0 09 02 17.0									LIJA I 4 10 59 15.0								
ATEJ E 0 09 02 11.4 E 0 09 02 29.8									EHOR E 0 10 59 15.4 E 0 10 59 43.4 72								
ACHM E 0 09 02 13.5									GIBL I 4 10 59 23.0								
ASMO E 0 09 02 13.9 E 0 09 02 38.0									EBAN E 0 10 59 20.9 E 0 10 59 58.8								
APHE E 0 09 02 15.6 E 0 09 02 39.8									EVAL E 0 10 59 30.5 E 0 11 00 23.2								
AFC E 0 09 02 29.2									EVIA E 0 10 59 35.0 E 0 11 00 37.5								
EHOR E 0 09 02 18.2 E 0 09 02 48.5 32																	
EBAN E 0 09 02 24.0 E 0 09 03 04.4 30																	
EVIA E 0 09 03 05.0																	
07 jun 09h 13m 30.8s 37°09'N 04°32'W 7Km rms ±0.7s mb 2.4 PALENCIANA.MA									07 jun 12h 06m 23.1s 37°08'N 04°33'W 12Km rms ±0.8s mb 2.0 PALENCIANA.MA								
ALOJ E 0 09 13 36.6 E 0 09 14 19.0									ALOJ E 0 12 06 29.3 E 0 12 07 05.2								
AAPN E 0 09 13 36.7 E 0 09 14 19.9									AAPN E 0 12 06 29.4 E 0 12 07 05.9								
MAL I 0 09 13 45.3									MAL I 0 12 06 38.0								
ATEJ E 0 09 13 38.9 E 0 09 14 25.3									ATEJ E 0 12 06 31.5 E 0 12 07 10.7								
ACHM E 0 09 13 40.1 E 0 09 14 27.2									ACHM E 0 12 06 32.1								
APHE E 0 09 13 41.9 E 0 09 14 34.9									ASMO E 0 12 06 35.4 E 0 12 07 20.4								
ASMO E 0 09 13 42.9 E 0 09 14 35.4									APHE E 0 12 06 35.5 E 0 12 07 19.8								
LIJA I 0 09 13 45.0									EHOR E 0 12 06 38.6 E 0 12 07 29.8 32								
AFC E 0 09 13 45.8 E 0 09 14 42.8									EBAN E 0 12 06 44.5 E 0 12 07 45.8								
EHOR E 0 09 13 46.4 E 0 09 14 45.4 34																	
GIBL I 0 09 13 51.5																	
ALJ I 4 09 13 52.5																	
EJIF E 0 09 13 49.0 E 0 09 14 53.1																	
EBAN E 0 09 14 08.7																	
EVAL E 0 09 14 23.6																	
EVIA E 0 09 14 33.3																	
07 jun 09h 39m 48.7s 37°09'N 04°32'W 4Km rms ±0.5s mb 2.3 PALENCIANA.MA									07 jun 12h 19m 38.5s 37°09'N 04°30'W rms ±0.6s mb 2.0 PALENCIANA.MA								
ALOJ E 0 09 39 54.9 E 0 09 40 54.7									ALOJ E 0 12 19 43.9 E 0 12 20 33.2								
AAPN E 0 09 39 55.2 E 0 09 40 55.3									AAPN E 0 12 19 44.1 I 0 12 20 32.7								
MAL I 0 09 40 03.5									ATEJ E 0 12 19 46.3 E 0 12 20 39.9								
ATEJ E 0 09 39 57.4 E 0 09 41 01.9									ASMO E 0 12 19 49.6 E 0 12 20 48.8								
ACHM E 0 09 39 58.6									APHE E 0 12 19 50.3 E 0 12 20 51.1								
ASMO E 0 09 40 00.0 E 0 09 40 09.3									EHOR E 0 12 19 55.1 E 0 12 21 02.7 21								
APHE E 0 09 40 01.1 E 0 09 40 11.6									EBAN E 0 12 20 00.2 E 0 12 20 16.4								
AFC E 0 09 40 04.6 E 0 09 40 19.8																	
EHOR E 0 09 40 04.7 E 0 09 40 21.7 42																	
ALJ I 0 09 40 06.5																	
LIJA I 4 09 40 08.5																	
EBAN E 0 09 40 10.7 E 0 09 40 37.3 35																	
GIBL I 4 09 40 13.0																	
EVAL E 0 09 40 19.0 E 0 09 41 01.0																	
EVIA E 0 09 40 24.3 E 0 09 41 15.8																	
07 jun 10h 58m 59.9s 37°09'N 04°34'W 6Km rms ±0.6s mb 2.5 PALENCIANA.MA									07 jun 12h 32m 37.0s 37°09'N 04°32'W 10Km rms ±0.5s mb 2.0 PALENCIANA.MA								
ALOJ E 0 10 59 05.8 E 0 10 59 17.8									AAPN E 0 12 32 42.9 E 0 12 33 32.5								
AAPN E 0 10 59 05.9 E 0 10 59 18.8									ALOJ E 0 12 32 43.1 E 0 12 33 31.7								
MAL I 0 10 59 14.8									MAL I 0 12 32 51.5								
ATEJ E 0 10 59 08.1 I 0 10 59 24.1									ATEJ E 0 12 32 45.2 E 0 12 33 37.7								
ACHM E 0 10 59 10.7 E 0 10 59 29.2									ACHM E 0 12 32 46.7 E 0 12 33 42.5								
EPRU E 0 10 59 11.0 E 0 10 59 28.6									APHE E 0 12 32 48.5 E 0 12 33 47.9								
									ASMO E 0 12 32 49.0 E 0 12 33 47.2								
									AFC E 0 12 33 01.7								
									EHOR E 0 12 32 52.8 E 0 12 33 58.0 28								
									EBAN E 0 12 32 58.0 E 0 12 34 12.4								
									07 jun 12h 33m 48.2s 37°10'N 04°32'W 4Km rms ±0.5s mb 2.2 PALENCIANA.MA								
									MAL I 0 12 34 02.2								
									AFC E 0 12 34 03.1 E 0 12 34 17.1 35								
									EHOR E 0 12 34 04.0 E 0 12 34 20.0 40								
									EBAN E 0 12 34 08.6 E 0 12 34 33.8 35								
									EJIF E 0 12 34 07.2 E 0 12 34 28.4								
									EVAL E 0 12 34 18.0 E 0 12 35 00.5								
									EVIA E 0 12 34 23.0 E 0 12 35 14.0								

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 13h 20m 26.5s 37°09'N 04°33'W rms ±0.6s mb 2.2 PALENCIANA.MA									EPRU E 0 13 59 06.0 E 0 13 59 19.6 100								
AAPN E 0 13 20 33.0 E 0 13 21 11.1									APHE E 0 13 59 06.2 I 0 13 59 24.0								
ALOJ E 0 13 20 33.2 E 0 13 21 11.0									ASMO E 0 13 59 06.4 E 4 13 59 24.0								
MAL I 0 13 20 41.0									AFC E 0 13 59 09.1 E 0 13 59 29.9 85								
ATEJ E 0 13 20 35.4 E 0 13 21 17.4									EHOR E 0 13 59 10.0 E 0 13 59 32.6 76								
ACHM E 0 13 20 43.3									EJIF E 0 13 59 13.1 E 0 13 59 40.6								
APHE E 0 13 20 39.6 E 0 13 21 28.3									LIJA I 4 13 59 15.0								
ASMO E 0 13 20 39.5 E 0 13 21 29.2									EBAN E 0 13 59 15.7								
AFC E 0 13 20 53.2									SRQ E 4 13 59 17.0								
EHOR E 0 13 20 42.2 E 0 13 21 36.2 30									MONI E 0 13 59 17.0								
EBAN E 0 13 20 48.0 E 0 13 21 52.1									OJEN E 0 13 59 17.0								
									GIBL I 4 13 59 18.0								
									CNIL E 0 13 59 19.0								
									PLAT E 0 13 59 20.5								
									EVAL E 0 13 59 23.6 E 0 14 00 10.5								
									EVIA E 0 13 59 29.5								
									PAB 0 13 59 34.0 E 4 14 00 41.5 120								
									TOL E 4 13 60 22.5								
									EPLA E 0 14 00 20.0								
									GUD E 0 13 59 48.4 E 0 14 01 17.2								
07 jun 13h 27m 11.0s 37°10'N 04°30'W 12Km rms ±0.3s mb 2.1 PALENCIANA.MA									07 jun 14h 05m 05.2s 37°10'N 04°32'W rms ±0.7s mb 1.9 PALENCIANA.MA								
ALOJ E 0 13 27 16.8 E 0 13 27 38.5									AAPN E 0 14 05 11.0 E 0 14 05 28.0								
AAPN E 0 13 27 16.8 E 0 13 27 39.1									ALOJ I 0 14 05 11.2 E 0 14 05 28.9								
MAL I 0 13 27 25.6									MAL I 0 14 05 19.5								
ATEJ E 0 13 27 19.3 E 0 13 27 45.2									ATEJ E 0 14 05 13.1 E 0 14 05 34.3								
ASMO E 0 13 27 22.5 E 0 13 27 54.0									EHOR E 0 14 05 21.0 E 0 14 05 54.5 25								
APHE E 0 13 27 23.0 E 0 13 27 55.4																	
EHOR E 0 13 27 26.9 E 0 13 28 06.2 33																	
07 jun 13h 29m 30.4s 37°10'N 04°31'W rms ±0.5s mb 2.3 PALENCIANA.MA									07 jun 14h 27m 38.9s 37°10'N 04°30'W rms ±0.5s mb 2.0 PALENCIANA.MA								
ALOJ E 0 13 29 36.6 I 0 13 30 18.2									ALOJ E 0 14 27 45.3 E 0 14 28 35.6								
AAPN E 0 13 29 36.7 E 0 13 30 18.4									AAPN E 0 14 27 45.3 E 0 14 28 36.3								
MAL I 0 13 29 45.0									ATEJ E 0 14 27 47.3 E 0 14 28 41.7								
ATEJ E 0 13 29 38.7 E 0 13 30 24.0									ACHM E 4 14 27 47.5 E 4 14 28 41.7								
ACHM E 0 13 29 40.2 E 0 13 30 27.4									MAL I 0 14 27 54.5								
EPRU E 0 13 29 41.2 E 0 13 30 31.0									APHE E 0 14 27 50.7 E 0 14 28 51.8								
ASMO E 0 13 29 41.4 E 0 13 30 32.2									ASMO E 0 14 28 01.5								
APHE E 0 13 29 42.2 E 0 13 30 33.1									EHOR E 0 14 27 55.1 E 0 14 29 02.4 24								
AFC E 0 13 29 56.0																	
EHOR E 0 13 29 46.0 E 0 13 30 45.0 40																	
EBAN E 0 13 29 51.8 E 0 13 30 58.9 40																	
EVAL E 0 13 30 24.7																	
EVIA E 0 13 30 06.4 E 0 13 30 39.4																	
07 jun 13h 30m 50.9s 37°10'N 04°34'W rms ±0.6s mb 2.3 PALENCIANA.MA									07 jun 15h 06m 31.9s 37°09'N 04°32'W 6Km rms ±0.7s mb 2.2 PALENCIANA.MA								
AAPN I C 0 13 30 57.2 E 0 13 32 00.6									ALOJ E 0 15 06 37.7 E 0 15 07 21.9								
ALOJ I D 0 13 30 57.2 E 0 13 32 01.2									AAPN E 0 15 06 37.8 E 0 15 07 21.9								
MAL I 0 13 31 05.0									MAL I 0 15 06 46.0								
ATEJ E 0 13 30 59.7 E 0 13 32 08.1									ATEJ E 0 15 06 39.8 E 0 15 07 27.7								
APHE E 0 13 31 04.3 E 0 13 31 18.6									ACHM E 0 15 06 41.8 E 4 15 07 34.6								
EHOR E 0 13 31 06.0 E 0 13 31 24.9									EPRU E 0 15 06 43.4 E 0 15 07 34.0								
EBAN E 0 13 31 11.7 E 0 13 31 40.5									ASMO E 0 15 06 43.6 E 0 15 07 38.1								
									APHE E 0 15 06 43.8 I 0 15 07 38.7								
									AFC E 0 15 06 47.6 E 0 15 07 44.6 45								
									EHOR E 0 15 06 47.4 E 0 15 07 47.0 42								
									EJIF E 0 15 06 51.4 E 0 15 07 55.6								
									EVAL E 0 15 07 25.5								
									EVIA E 0 15 07 07.2 E 0 15 07 41.4								
07 jun 13h 58m 54.5s 37°09'N 04°32'W 7Km rms ±0.7s mb 2.7 PALENCIANA.MA																	
ALOJ I D 0 13 59 00.1 E 0 13 59 06.8																	
AAPN E 0 13 59 00.2 I 0 13 59 07.1																	
MAL I 0 13 59 09.0																	
ATEJ E 0 13 59 02.5 E 0 13 59 12.9																	
ACHM E 0 13 59 05.4 E 4 13 59 20.9																	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 16h 08m 11.9s 37°09'N 04°30'W 9Km rms ±0.5s mb 2.7 PALENCIANA.MA									EHOR E 0 16 35 04.0 E 0 16 35 19.0 EBAN E 0 16 35 08.5 E 0 16 35 33.5 40 EVIA E 0 16 35 50.0 E 0 16 35 50.0								
07 jun 17h 18m 06.3s 37°09'N 04°30'W 6Km rms ±0.6s mb 2.7 PALENCIANA.MA									ALOJ E 0 17 18 11.9 E 0 17 18 28.7 AAPN E 0 17 18 11.9 E 0 17 18 30.0 MAL E 0 17 18 14.0 I 0 17 18 34.5 0.82 0.4 46 ATEJ E 0 17 18 14.2 E 0 17 18 35.2 ACHM E 0 17 18 16.6 E 0 17 18 39.0 ASMO E 0 17 18 17.8 E 0 17 18 45.2 APHE E 0 17 18 17.9 E 4 17 18 44.2 EPRU E 0 17 18 17.6 E 0 17 18 42.6 100 LIJA I 0 17 18 21.0 AFC E 0 17 18 21.0 E 0 17 18 52.0 85 EHOR E 0 17 18 21.8 E 0 17 18 55.8 72 EBAN E 0 17 18 27.0 E 0 17 19 10.2 90 GIBL I 0 17 18 28.0 SRQ E 4 17 18 29.0 OJEN E 0 17 18 31.0 MOMI E 4 17 18 32.0 PLAT E 4 17 18 34.0 CNIL E 4 17 18 34.0 EVAL E 0 17 18 37.6 E 0 17 19 38.8 EVIA E 0 17 18 41.4 E 0 17 19 49.0 PAB E 9 17 18 53.5 E 0 17 20 15.0 90 EPLA E 0 17 19 32.0 TOL E 4 17 19 34.0								
07 jun 16h 09m 16.1s 37°10'N 04°34'W rms ±0.7s mb 2.3 PALENCIANA.MA									07 jun 17h 26m 19.0s 37°08'N 04°32'W 11Km rms ±0.5s mb 2.1 PALENCIANA.MA								
ALOJ E 0 16 09 22.8 E 0 16 09 49.8 AAPN E 0 16 09 23.0 E 0 16 09 50.6 MAL I 0 16 09 30.5 ATEJ E 0 16 09 24.5 E 0 16 09 57.5 ASMO E 0 16 09 39.3 AFC E 0 16 09 42.8 EHOR E 0 16 09 30.5 E 0 16 10 14.3 36 EJIF E 0 16 09 35.0 EBAN E 0 16 09 37.4 E 0 16 10 31.4 EVAL E 0 16 10 10.6 EVIA E 0 16 10 18.7									ALOJ E 0 17 26 25.2 E 0 17 26 55.6 AAPN E 0 17 26 25.7 E 0 17 26 57.3 ATEJ E 0 17 26 28.0 E 0 17 27 03.4 APHE E 0 17 26 31.7 E 0 17 27 12.3 ASMO E 0 17 26 40.5 EHOR E 0 17 26 35.0 E 0 17 27 22.0 27 EBAN E 0 17 26 57.0 E 0 17 26 57.0								
07 jun 16h 10m 10.4s 37°07'N 04°34'W 9Km rms ±0.6s mb 2.2 PALENCIANA.MA									07 jun 18h 26m 21.4s 37°10'N 04°30'W 11Km rms ±0.6s mb 2.8 PALENCIANA.MA								
ALOJ E 0 16 10 17.0 E 0 16 10 40.0 AAPN E 0 16 10 17.4 E 0 16 10 40.9 ATEJ E 0 16 10 19.0 E 0 16 10 46.4 APHE E 0 16 10 32.2 EHOR E 0 16 10 26.5 E 0 16 11 04.7 27 EBAN E 0 16 10 32.8 E 0 16 11 20.8									ALOJ E 0 18 26 27.1 I 0 18 26 59.1 AAPN E 0 18 26 27.1 E 0 18 27 00.3 MAL I C 0 18 26 29.0 I 0 18 27 04.6 0.61 0.7 44 ATEJ E 0 18 26 29.4 E 0 18 27 06.2 ACHM E 0 18 26 31.8 E 0 18 27 11.6 EPRU E 0 18 26 32.7 E 0 18 27 14.0 APHE E 0 18 26 33.2 E 0 18 27 16.0 ASMO E 0 18 26 33.5 E 4 18 27 17.1 AFC E 0 18 26 35.4 E 0 18 27 21.4 0.02 0.2 70 LIJA I 0 18 26 36.0 EHOR I D 0 18 26 36.5 E 0 18 27 25.9 0.06 0.2 85 OJEN E 4 18 26 41.0 MOMI E 4 18 26 41.0 EJIF E 0 18 26 41.0 E 0 18 27 34.8 72 EBAN I 0 18 26 42.2 E 0 18 27 39.9 92 SRQ E 0 18 26 43.0 PLAT E 4 18 26 43.0 GIBL I 0 18 26 43.5 CNIL E 4 18 26 44.0								
07 jun 16h 34m 47.4s 37°10'N 04°31'W rms ±0.5s mb 2.3 PALENCIANA.MA																	
ALOJ E 0 16 34 53.4 E 0 16 35 51.6 AAPN E 0 16 34 53.4 E 0 16 35 52.4 MAL I 0 16 35 02.0 ATEJ E 0 16 34 55.8 I 0 16 35 59.2 ACHM E 0 16 35 05.2 APHE E 0 16 34 59.6 E 0 16 36 08.6 ASMO E 0 16 35 00.2 E 0 16 35 08.5 AFC E 0 16 35 11.8 E 0 16 35 11.8																	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EVAL	E	0	18 26 50.8	E 0	18 28 04.4	0.03	0.2	90
EVIA	E	0	18 26 56.4	E 0	18 28 18.3			95
ENIJ	E	9	18 26 56.5	E 0	18 28 16.5			
PAB	E	0	18 26 58.0	E 0	18 28 25.0			125
FIG				E 0	18 27 34.5			
TOL	E	4	18 27 11.0	E 4	18 28 03.0			
MOE	E	0	18 27 11.5	E 0	18 28 02.0			
GUD				E 0	18 27 55.4			
MVO				0	18 28 18.3			
MTE				I 4	18 28 27.5			

07 jun 18h 42m 51.3s 37°09'N 04°31'W 9Km
rms ±0.7s mb 2.0 PALENCIANA.MA

AAPN	E	0	18 42 56.5	E 0	18 43 59.7			
ALOJ	E	0	18 42 56.7	E 0	18 43 59.9			
MAL				I 0	18 43 05.2			
ATEJ	E	0	18 42 59.0	E 0	18 44 06.0			
APHE	E	0	18 43 02.9	E 0	18 43 15.8			
ASMO				E 0	18 43 12.2			
AFC				E 0	18 43 16.5			
EHOR	E	0	18 43 07.5	E 0	18 43 26.8			32
EJIF	E	0	18 43 11.1					
EBAN	E	0	18 43 12.4	E 0	18 43 40.9			
EVIA				E 0	18 43 53.3			

07 jun 20h 19m 28.5s 37°09'N 04°32'W 8Km
rms ±0.6s mb 2.6 PALENCIANA.MA

ALOJ	E	0	20 19 34.3	0	20 20 14.5			
AAPN	I	0	20 19 34.3	I 0	20 20 15.1			
MAL	I	0	20 19 36.0	I 0	20 20 18.6	0.71	0.6	44
ATEJ	E	0	20 19 36.5	E 0	20 20 20.9			
ACHM	E	0	20 19 38.6	E 0	20 20 25.2			
ASMO	E	0	20 19 40.3	E 0	20 20 30.2			
APHE	E	0	20 19 40.4	E 0	20 20 31.9			
EPRU	E	0	20 19 39.8	E 0	20 20 27.8			90
LIJA	I	0	20 19 43.0					
AFC	E	0	20 19 43.1	E 0	20 20 37.6			80
EHOR	E	0	20 19 43.8	E 0	20 20 40.6			71
EJIF	E	0	20 19 48.4					
EBAN	E	0	20 19 49.5	E 0	20 20 55.5			70
GIBL	I	0	20 19 50.0					
SRQ	E	4	20 19 51.0					
OJEN	E	4	20 19 54.0					
EVAL	E	0	20 19 58.0	E 0	20 21 18.9			
EVIA	E	0	20 20 03.7	E 0	20 20 34.3			
PAB				E 0	20 20 34.0			100
EPLA	E	0	20 20 17.0	E 0	20 21 10.7			
GUD				E 0	20 21 03.0			

07 jun 20h 21m 15.5s 37°09'N 04°33'W 10Km
rms ±0.6s mb 2.0 PALENCIANA.MA

AAPN	E	0	20 21 21.5	E 0	20 21 49.3			
ALOJ	I	0	20 21 21.9	E 0	20 21 49.9			
MAL				I 0	20 21 30.0			
ATEJ	I	0	20 21 24.1	E 0	20 21 56.1			
APHE	E	0	20 21 28.0	E 0	20 22 05.0			
ASMO	E	4	20 21 29.7	E 4	20 22 08.9			
AFC	E	0	20 21 29.7	E 0	20 22 11.3			
EHOR	E	0	20 21 30.5	E 0	20 22 14.3			32
EBAN	E	0	20 21 36.7	E 0	20 22 29.7			
EVIA				E 0	20 22 17.8			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jun 21h 03m 39.8s 37°08'N 04°32'W rms ±0.5s mb 2.3 PALENCIANA.MA								
ALOJ	E	0	21 03 46.1	E 0	21 04 37.2			
AAPN	E	0	21 03 46.5	E 0	21 04 37.7			
ATEJ	E	0	21 03 48.2	E 0	21 04 43.7			
ACHM	E	0	21 03 49.8					
ASMO	E	0	21 03 51.2					
APHE	E	0	21 03 51.5	E 4	21 04 50.9			
AFC				E 0	21 04 05.5			
EHOR	E	0	21 03 56.4	E 0	21 05 04.9			26
EBAN	E	0	21 04 01.5	E 0	21 04 19.7			
EVIA				E 0	21 04 42.6			

07 jun 21h 11m 04.3s 37°09'N 04°35'W 6Km
rms ±0.3s mb 2.1 PALENCIANA.MA

ALOJ	E	0	21 11 10.8	E 0	21 11 27.7			
AAPN	E	0	21 11 11.0	E 0	21 11 28.0			
ATEJ	E	0	21 11 14.0					
APHE				E 0	21 11 28.2			
AFC				E 0	21 11 31.2			
EHOR	E	0	21 11 20.0	E 0	21 11 52.0			21
EBAN	E	0	21 11 25.6	E 0	21 12 08.0			

07 jun 21h 55m 22.4s 37°08'N 04°32'W 10Km
rms ±0.5s mb 2.1 PALENCIANA.MA

ALOJ	E	0	21 55 28.8	E 0	21 56 02.8			
AAPN	E	0	21 55 28.9	E 0	21 56 03.3			
ATEJ	E	0	21 55 31.1	E 0	21 56 10.0			
ASMO	E	0	21 55 35.6	E 0	21 56 19.6			
APHE				E 0	21 55 44.1			
EHOR	E	0	21 55 38.5	E 0	21 56 28.5			26
EBAN	E	0	21 55 44.0	E 0	21 56 44.0			

07 jun 23h 10m 55.9s 37°08'N 04°33'W 8Km
rms ±0.3s mb 2.0 PALENCIANA.MA

AAPN	E	0	23 11 02.4	E 0	23 11 10.6			
ALOJ	E	0	23 11 02.5	E 0	23 11 10.3			
ATEJ	E	0	23 11 04.6	E 0	23 11 16.9			
APHE	E	0	23 11 08.8	E 0	23 11 27.7			
ASMO	E	0	23 11 08.8	E 0	23 11 26.5			
AFC				E 0	23 11 21.6			
EHOR	E	0	23 11 12.0	E 0	23 11 35.8			22
EBAN	E	0	23 11 17.3	E 0	23 11 51.3			

08 jun 00h 04m 23.7s 37°07'N 04°34'W 6Km
rms ±0.4s mb 2.1 PALENCIANA.MA

ALOJ	E	0	00 04 30.1	E 0	00 05 05.6			
AAPN	E	0	00 04 30.3	E 0	00 05 06.8			
ATEJ	E	0	00 04 32.2	E 0	00 05 11.7			
ASMO	E	0	00 04 37.1	E 0	00 05 23.5			
APHE	E	0	00 04 37.5	0	00 05 24.0			
EHOR	E	0	00 04 40.0	E 0	00 05 32.0			25
EBAN	E	0	00 04 45.6	E 0	00 05 47.4			35
EVIA				E 0	00 05 26.5			

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR
08 jun 00h 48m 57.1s 37°09'N 04°33'W rms ±0.6s mb 2.2 PALENCIANA.MA										08 jun 01h 14m 40.7s 37°10'N 04°32'W 7Km rms ±0.7s mb 2.4 PALENCIANA.MA									
ALOJ	E	0	00 49 03.4	E	0	00 49 12.0				ALOJ	E	0	01 14 46.4	E	0	01 15 39.0			
AAPN	E	0	00 49 03.4	E	0	00 49 12.4				AAPN	E	0	01 14 46.5	E	0	01 15 38.1			
MAL				I	0	00 49 12.0				MAL				I	0	01 14 55.0			
ATEJ	E	0	00 49 05.4	I	0	00 49 18.9				ATEJ	E	0	01 14 48.7	E	0	01 15 45.4			
ASMO	E	0	00 49 09.5	E	0	00 49 28.9				ACHM	E	0	01 14 50.8	E	4	01 15 51.3			
APHE	E	0	00 49 09.6	E	0	00 49 28.2				EPRU	E	0	01 14 52.5	E	0	01 15 52.3			70
AFC				E	0	00 49 24.0				APHE	E	0	01 14 52.5	E	0	01 15 55.0			
EHOR	E	0	00 49 13.0	E	0	00 49 38.0			27	ASMO	E	0	01 14 52.8	E	0	01 15 55.3			
EBAN	E	0	00 49 18.5	E	0	00 49 53.5			35	AFC	E	0	01 14 55.2	E	0	01 16 02.2			60
08 jun 00h 50m 10.4s 37°10'N 04°33'W 6Km rms ±0.6s mb 2.1 PALENCIANA.MA										08 jun 01h 24m 55.4s 37°09'N 04°34'W 6Km rms ±0.6s mb 2.2 PALENCIANA.MA									
AAPN	I	0	00 50 16.0	E	0	00 50 38.3				ALOJ	E	0	01 25 01.7	I	0	01 25 09.9			
ALOJ	I	0	00 50 16.1	E	0	00 50 38.7				AAPN	E	0	01 25 01.7	E	0	01 25 09.6			
MAL				I	0	00 50 24.4				MAL				I	0	01 25 10.2			
ATEJ	E	0	00 50 18.5	E	0	00 50 44.9				ATEJ	E	0	01 25 03.8	I	0	01 25 15.2			
APHE				E	0	00 50 33.1				EPRU	E	0	01 25 06.6	E	0	01 25 19.6			60
AFC				E	0	00 50 36.5				ACHM	E	0	01 25 06.7	E	4	01 25 23.5			
EHOR	E	0	00 50 26.8	E	0	00 51 04.7				APHE	E	0	01 25 07.8	E	0	01 25 27.0			
EJIF	E	0	00 50 30.0							ASMO	E	0	01 25 08.4	E	0	01 25 27.4			
EBAN	E	0	00 50 31.5	E	0	00 51 19.2				AFC	E	0	01 25 10.0	E	0	01 25 32.0			50
EVAL				E	0	00 51 03.0				LIJA	I	4	01 25 10.5						
EVIA				E	0	00 51 12.5				EHOR	E	0	01 25 11.0	E	0	01 25 34.2			60
08 jun 01h 00m 34.5s 37°09'N 04°31'W 9Km rms ±0.6s mb 2.2 PALENCIANA.MA										08 jun 01h 26m 15.4s 37°09'N 04°34'W 7Km rms ±0.4s mb 2.1 PALENCIANA.MA									
ALOJ	E	0	01 00 40.2	E	0	01 01 25.2				ALOJ	I	0	01 26 21.5	E	0	01 26 49.2			
AAPN	E	0	01 00 40.3	E	0	01 01 26.2				AAPN	I	0	01 26 21.9	E	0	01 26 50.1			
MAL				I	0	01 00 49.0				MAL				I	0	01 26 30.0			
ATEJ	E	0	01 00 42.7	E	0	01 01 32.8				ATEJ	E	0	01 26 24.2	E	0	01 26 55.9			
ACHM	E	0	01 00 45.2	E	0	01 01 39.0				APHE				E	4	01 26 36.8			
ASMO	E	0	01 00 45.9	E	0	01 01 41.9				AFC				E	0	01 26 42.0			
APHE	E	0	01 00 46.5	E	0	01 01 42.3				EHOR	E	0	01 26 31.5	E	0	01 27 14.5			27
AFC				E	0	01 00 49.4				EBAN	E	0	01 26 36.7	E	0	01 27 29.5			30
EHOR	E	0	01 00 50.6	E	0	01 01 52.6			28	EVAL	E	0	01 25 25.2	E	0	01 26 13.1			
EBAN	E	0	01 00 55.8	E	0	01 02 07.6			40	08 jun 01h 36m 37.9s 37°10'N 04°33'W 7Km rms ±0.6s mb 2.4 PALENCIANA.MA									
EVIA				E	0	01 01 36.4				ALOJ	E	0	01 36 43.8	E	0	01 37 34.0			
08 jun 01h 05m 32.0s 37°11'N 04°32'W 4Km rms ±0.6s mb 2.7 PALENCIANA.MA										08 jun 01h 36m 37.9s 37°10'N 04°33'W 7Km rms ±0.6s mb 2.4 PALENCIANA.MA									
ALOJ	E	0	01 05 37.5	E	0	01 06 21.8				AAPN	E	0	01 36 43.8	E	0	01 37 33.7			
AAPN	E	0	01 05 37.6	E	0	01 06 21.4				MAL				I	0	01 36 52.5			
ATEJ	E	0	01 05 40.0	E	0	01 06 27.7				ATEJ	E	0	01 36 46.1	E	0	01 37 40.1			
MAL	I	0	01 05 40.3	I	0	01 06 27.3	0.69	0.6	39	ACHM	E	0	01 36 47.8	E	0	01 37 43.8			
ACHM	E	0	01 05 42.0	E	0	01 06 33.0				EPRU	E	0	01 36 49.5	E	0	01 37 46.3			
APHE	E	0	01 05 43.5	E	0	01 06 37.3				APHE	E	0	01 36 49.8	I	0	01 37 51.0			
ASMO	E	0	01 05 43.7	E	4	01 06 38.2				08 jun 01h 36m 37.9s 37°10'N 04°33'W 7Km rms ±0.6s mb 2.4 PALENCIANA.MA									
EPRU	E	0	01 05 43.0	E	0	01 06 34.8			80	ALOJ	E	0	01 36 43.8	E	0	01 37 34.0			
AFC				E	0	01 06 44.7			80	AAPN	E	0	01 36 43.8	E	0	01 37 33.7			
EHOR	E	0	01 05 47.2	E	0	01 06 47.2			83	MAL				I	0	01 36 52.5			
EJIF	E	0	01 05 52.0	E	0	01 06 57.8				ATEJ	E	0	01 36 46.1	E	0	01 37 40.1			
EBAN	E	0	01 05 52.8	E	0	01 07 01.8			80	ACHM	E	0	01 36 47.8	E	0	01 37 43.8			
EVAL	E	0	01 06 02.0	E	0	01 06 27.0				EPRU	E	0	01 36 49.5	E	0	01 37 46.3			
EVIA	E	0	01 06 07.5	E	0	01 06 41.5				APHE	E	0	01 36 49.8	I	0	01 37 51.0			
PAB	E	4	01 06 16.0	E	4	01 06 53.0			125										
TOL				E	4	01 06 51.0													

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	
ASMO	E	0	01 36 50.2	E	0	01 37 50.2														
AFC	E	0	01 36 52.6	E	0	01 37 55.9			60											
EHOR	E	0	01 36 53.2	E	0	01 37 59.0			60											
LIJA	I	4	01 36 53.5																	
GIBL	I	0	01 36 57.5																	
EJIF				E	0	01 37 11.3														
EBAN	E	0	01 36 59.2	E	0	01 38 14.5			60											
EVAL	E	0	01 37 07.6	E	0	01 37 38.1														
EVIA	E	0	01 37 13.0	E	0	01 37 53.0														
PAB				E	4	01 37 43.0														
EPLA				E	0	01 38 03.6														
GUD				E	0	01 38 11.2														
08 jun 02h 01m 02.5s 37°09'N 04°34'W 7Km rms ±0.5s mb 2.2 PALENCIANA.MA										08 jun 04h 09m 55.5s 37°09'N 04°34'W 10Km rms ±0.4s mb 2.5 PALENCIANA.MA										
AAPN	E	0	02 01 08.6	E	0	02 01 23.6														
ALOJ	E	0	02 01 08.9	E	0	02 01 24.2														
ATEJ	I	0	02 01 11.1	E	0	02 01 30.1														
APHE				E	0	02 01 26.0														
ASMO				E	4	02 01 26.5														
EHOR	E	0	02 01 18.0	E	0	02 01 48.6			25											
EBAN	E	0	02 01 23.5	E	0	02 02 03.5			40											
EVIA				E	0	02 02 04.8														
08 jun 02h 05m 35.4s 37°07'N 04°35'W 8Km rms ±0.6s mb 2.1 PALENCIANA.MA										08 jun 04h 11m 00.3s 37°10'N 04°31'W 5Km rms ±0.5s mb 2.8 PALENCIANA.MA										
ALOJ	E	0	02 05 42.0	E	0	02 06 30.2														
AAPN	E	0	02 05 42.1	E	0	02 06 30.7														
ATEJ	E	0	02 05 44.2	E	0	02 06 36.7														
ACHM	E	0	02 05 46.7																	
APHE	E	0	02 05 48.2	E	0	02 06 46.9														
ASMO	E	0	02 05 48.3	E	0	02 06 46.1														
AFC				E	0	02 06 03.5														
EHOR	E	0	02 05 51.6	E	0	02 06 55.6			29											
EBAN	E	0	02 05 57.8	E	0	02 07 11.8			35											
EVIA				E	0	02 06 38.3														
08 jun 03h 27m 12.7s 37°07'N 04°33'W 6Km rms ±0.3s mb 2.1 PALENCIANA.MA										08 jun 04h 11m 23.0 I 0 04 11 17.3 1.20 0.7 52 04 11 17.4 04 11 08.2 I 0 04 11 23.0 04 11 08.5 I 0 04 11 24.5 04 11 10.2 E 0 04 11 27.7 04 11 11.8 E 0 04 11 34.9 04 11 11.9 E 0 04 11 30.9 04 11 12.4 E 0 04 11 34.2 04 11 14.6 E 0 04 11 40.2 04 11 15.0 04 11 15.9 E 0 04 11 44.4 04 11 20.0 E 0 04 11 53.5 04 11 21.0 E 0 04 11 58.5 04 11 23.0 04 11 25.0 04 11 26.0 04 11 27.0 04 11 27.0 04 11 30.0 04 11 30.0 E 0 04 12 22.7 04 11 35.2 E 0 04 12 37.6 04 12 14.0 E 4 04 12 26.0 E 0 04 12 35.0 E 0										
ALOJ	E	0	03 27 19.2	E	0	03 27 42.9														
AAPN	E	0	03 27 19.9	E	0	03 27 45.4														
ATEJ	E	0	03 27 21.2	E	0	03 27 49.5														
ASMO	E	0	03 27 26.5	E	0	03 28 01.4														
EHOR	E	0	03 27 29.0	E	0	03 28 10.5			19											
EBAN	E	0	03 27 34.4	E	0	03 28 25.4														
08 jun 03h 48m 33.9s 37°10'N 04°32'W rms ±0.5s mb 2.1 PALENCIANA.MA										08 jun 04h 15m 14.9s 37°09'N 04°34'W 5Km rms ±0.5s mb 2.2 PALENCIANA.MA										
ALOJ	E	0	03 48 40.0	E	0	03 49 24.5														
AAPN	E	0	03 48 39.8	E	0	03 49 24.8														
MAL				I	0	03 48 48.8														
ATEJ	E	0	03 48 42.1	E	0	03 49 32.0														
ACHM	E	0	03 48 44.2																	
ASMO	E	0	03 48 45.5	E	0	03 49 40.4														
EHOR	E	0	03 48 49.5	E	0	03 49 51.1			34											
EBAN	E	0	03 48 55.6	E	0	03 50 07.6			35											
08 jun 04h 17m 11.8s 37°09'N 04°30'W 10Km rms ±0.7s mb 2.3 PALENCIANA.MA										08 jun 04h 15m 21.3 E 0 04 15 47.9 04 15 21.3 E 0 04 15 49.1 04 15 29.7 I 0 04 15 23.1 E 0 04 15 54.0 04 15 26.4 04 15 27.5 E 0 04 16 03.8 04 15 41.5 E 0 04 15 30.5 E 0 04 16 13.1 04 15 36.5 E 0 04 16 29.5 04 16 17.6 E 0										
ALOJ	E	0	04 17 17.4	E	0	04 17 40.4														
AAPN	E	0	04 17 17.5	E	0	04 17 40.7														
MAL				I	0	04 17 26.0														
ATEJ	E	0	04 17 19.5	E	0	04 17 46.9														
ACHM	E	0	04 17 22.5																	
ASMO	E	0	04 17 23.0	E	0	04 17 56.3														
APHE	E	0	04 17 23.3	E	0	04 17 56.9														

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EHOR	E	0	04 17 27.0	E 0	04 18 08.4			
EBAN	E	0	04 17 32.5	E 0	04 18 20.5			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 17m 26.8s 37°09'N 04°33'W 7Km								
rms ±0.4s mb 2.4 PALENCIANA.MA								

ALOJ	E	0	04 17 33.0	E 0	04 18 11.2			
AAPN	E	0	04 17 33.5	E 0	04 18 12.6			
MAL				I 0	04 17 41.0			
ATEJ	E	0	04 17 35.1	E 0	04 18 17.5			
EPRU				E 0	04 17 45.5			
APHE				E 0	04 17 49.7			
ASMO				E 0	04 17 49.8			
AFC				E 0	04 17 53.0			
EHOR				E 0	04 17 55.0			51
EBAN				E 0	04 18 04.0			55
LIJA	I	4	04 17 42.0					
GIBL	I	4	04 17 48.6					
EVIA				E 0	04 18 29.0			
PAB	E	4	04 18 13.0	E 4	04 18 58.0			
EPLA				E 0	04 18 51.0			
GUD				E 0	04 19 01.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 19m 57.1s 37°10'N 04°32'W 5Km								
rms ±0.7s mb 3.1 PALENCIANA.MA								

ALOJ	E	0	04 20 02.9	E 0	04 20 12.1			
AAPN	I	0	04 20 02.9	E 0	04 20 12.6			
MAL	I	C	0 04 20 05.0	I 0	04 20 16.0			
ATEJ	E	0	04 20 05.2	E 0	04 20 17.8			
ACHM	E	0	04 20 07.6	E 0	04 20 23.0			
EPRU	E	0	04 20 08.5	E 0	04 20 24.3			
APHE	I	0	04 20 09.0	E 0	04 20 29.7			
ASMO	E	0	04 20 09.3	E 4	04 20 31.2			
LIJA	I	0	04 20 11.5					
AFC	E	0	04 20 11.6	E 0	04 20 34.3			
EHOR	E	0	04 20 12.2	E 0	04 20 36.2			
EJIF	E	0	04 20 17.0	E 0	04 20 46.7			
EBAN	E	0	04 20 18.0	E 0	04 20 51.8			
GIBL	I	0	04 20 19.0					
SRQ	E	0	04 20 19.0					
OJEN	E	0	04 20 22.0					
MOMI	E	4	04 20 22.0					
PLAT	E	0	04 20 23.0					
EVAL	E	0	04 20 26.8	E 0	04 21 16.1			
EVIA	E	0	04 20 32.0	E 0	04 21 31.6			
PAB	E	4	04 20 42.0	E 4	04 21 56.5			
EPLA	E	0	04 20 46.0					
GUD	E	0	04 20 50.0	E 0	04 22 21.6			
TOL	E	4	04 20 54.0	I 4	04 22 18.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 20m 43.0s 37°09'N 04°33'W 10Km								
rms ±0.7s mb 2.6 PALENCIANA.MA								

MAL	E	0	04 20 50.8	I 0	04 21 47.8			
EPRU				E 0	04 21 02.2			
AFC				E 0	04 21 09.0			
EHOR	E	0	04 20 58.0	E 0	04 22 09.5			85
EBAN	E	0	04 21 04.5	E 0	04 21 23.5			90
EVAL				E 0	04 21 35.1			
EVIA				E 0	04 21 45.5			
PAB				E 0	04 21 48.0			
EPLA				E 0	04 22 07.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 38m 17.4s 37°09'N 04°32'W								
rms ±0.4s mb 2.2 PALENCIANA.MA								

ALOJ	E	0	04 38 23.5	E 0	04 38 51.9			
AAPN	E	0	04 38 23.6	E 0	04 38 52.6			
MAL				I 0	04 38 32.0			
EPRU				E 0	04 38 36.0			
ATEJ	E	0	04 38 25.7	E 0	04 38 58.7			
ACHM	E	0	04 38 27.4	E 0	04 39 02.7			
ASMO	E	0	04 38 29.6	E 0	04 39 07.8			
AFC	E	0	04 38 32.2	E 0	04 39 16.2			
EHOR	E	0	04 38 33.0	E 0	04 39 19.0			36
EBAN	E	0	04 38 38.6	E 0	04 39 33.6			45
EVIA				E 0	04 39 20.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 42m 16.4s 37°08'N 04°32'W 10Km								
rms ±0.6s mb 2.7 PALENCIANA.MA								

ALOJ	I	0	04 42 22.2	E 0	04 42 51.3			
AAPN	I	0	04 42 22.4	E 0	04 42 52.1			
MAL	I	D	0 04 42 24.4	I 0	04 42 54.9			
ATEJ	I	0	04 42 24.4	E 0	04 42 56.8			
ACHM	E	0	04 42 26.7					
EPRU	E	0	04 42 28.0	E 0	04 43 03.0			70
APHE	E	0	04 42 28.2	E 4	04 43 09.2			
ASMO	E	0	04 42 28.4	E 4	04 43 10.0			
AFC	E	0	04 42 31.4	E 0	04 43 13.4			65
EHOR	E	0	04 42 31.7	E 0	04 43 16.3			75
LIJA	I	4	04 42 33.0					
EBAN	E	0	04 42 37.0	E 0	04 43 30.5			70
GIBL	I	4	04 42 40.0					
EVAL				E 0	04 43 08.8			
EVIA	E	0	04 42 51.6	E 0	04 44 10.2			
PAB	E	4	04 43 03.0	I 4	04 43 37.5			
EPLA				E 0	04 43 42.6			
GUD	E	0	04 43 10.2	E 0	04 44 01.2			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
08 jun 04h 48m 59.4s 37°11'N 04°32'W 5Km								
rms ±0.7s mb 3.3 PALENCIANA.MA								

ALOJ	I	0	04 49 05.2	E 4	04 49 17.8			
AAPN	I	0	04 49 05.3	E 4	04 49 18.5			
MAL	I	D	0 04 49 07.0	I 0	04 49 20.5	1.84	0.7	51
ATEJ	I	0	04 49 07.3	E 0	04 49 22.8			
ACHM	I	0	04 49 09.3	E 4	04 49 29.3			
ASMO	E	0	04 49 11.1	E 0	04 49 32.2			
APHE	I	0	04 49 11.1	E 0	04 49 34.1			
EPRU	I	C	0 04 49 11.0	E 0	04 49 30.0			
AFC	E	0	04 49 14.0	E 0	04 49 38.0	0.04	0.2	95
EHOR	I	D	0 04 49 14.7	E 0	04 49 42.2	0.14	0.2	
LIJA	I	4	04 49 15.0					
EJIF	E	0	04 49 19.3	E 0	04 49 53.5	0.08	0.4	
EBAN	I	C	0 04 49 20.1	E 0	04 49 55.4			
GIBL	I	0	04 49 21.5					
SRQ	E	4	04 49 23.0					
OJEN	E	4	04 49 25.0					
MOMI	E	4	04 49 28.0					
PLAT	E	4	04 49 29.0					
EVAL	E	0	04 49 29.0	E 0	04 50 20.6	0.04	0.2	
ENIJ	E	9	04 49 35.4	E 0	04 50 34.1	0.03	0.5	96
EVIA	I	C	0 04 49 34.4	E 0	04 50 35.8	0.04	0.3	
CNIL	E	4	04 49 38.0					
PAB	E	0	04 49 38.5	E 4	04 50 42.1			
TOL				E 4	04 50 54.0	0.05	0.8	
EPLA	E	0	04 49 49.0	E 0	04 51 13.2	0.05	0.3	

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR
FIG	E	4	04 49 50.5	E	0	04 51 04.0													
GDU	E	0	04 49 53.3				0.03	0.3											
ECHE	E	0	04 49 55.8	E	0	04 51 34.8													
MOE	E	4	04 50 00.5	E	0	04 50 29.0													
MTE	E	4	04 50 12.0	I	4	04 51 12.0													
MVO	E	4	04 50 21.8		0	04 51 16.6													
08 jun 05h 19m 29.8s 37°08'N 04°33'W rms ±0.4s mb 2.0 PALENCIANA.MA										08 jun 07h 12m 31.4s 37°10'N 04°32'W rms ±0.5s mb 2.2 PALENCIANA.MA									
ALOJ	E	0	05 19 36.1	E	0	05 20 17.3													
AAPN	E	0	05 19 36.2	E	0	05 20 18.7													
ATEJ	E	0	05 19 38.3	E	0	05 20 23.6													
ASMO	E	4	05 19 44.8	E	0	05 20 36.9													
EHOR	E	0	05 19 46.5	E	0	05 20 44.5			26										31
EBAN	E	0	05 19 52.0	E	0	05 20 59.6			30										35
08 jun 05h 22m 15.5s 37°08'N 04°33'W 8Km rms ±0.7s mb 2.2 PALENCIANA.MA										08 jun 09h 33m 16.6s 37°09'N 04°30'W 10Km rms ±0.5s mb 2.2 PALENCIANA.MA									
ALOJ	I	0	05 22 21.7	E	0	05 22 49.4													
AAPN	I	0	05 22 21.4	E	0	05 22 49.4													
MAL				I	0	05 22 29.7													
ATEJ	E	0	05 22 23.7	E	0	05 22 54.9													
ASMO				E	0	05 22 38.5													
APHE	E	0	05 22 28.5	E	0	05 23 08.5													
EHOR	E	0	05 22 31.3	E	0	05 23 15.5			31										
EBAN	E	0	05 22 36.8	E	0	05 23 29.4			35										
EVIA				E	0	05 23 17.0													
08 jun 05h 24m 04.8s 37°06'N 04°33'W 13Km rms ±0.3s mb 2.1 PALENCIANA.MA										08 jun 09h 47m 49.0s 37°09'N 04°34'W rms ±0.7s mb 2.3 PALENCIANA.MA									
ALOJ	E	0	05 24 11.8	E	0	05 24 28.8													
AAPN	E	0	05 24 11.8	E	0	05 24 29.6													
ATEJ				E	0	05 24 20.0													
EHOR	E	0	05 24 21.0	E	0	05 24 54.7			18										
EBAN	E	0	05 24 25.6	E	0	05 25 08.0													
08 jun 06h 55m 48.7s 37°09'N 04°31'W 6Km rms ±0.5s mb 2.5 PALENCIANA.MA										08 jun 09h 47m 49.0s 37°09'N 04°34'W rms ±0.7s mb 2.3 PALENCIANA.MA									
ALOJ	E	0	06 55 55.2	E	0	06 56 54.5													
AAPN	E	0	06 55 55.0	I	0	06 56 55.1													
MAL				I	0	06 56 02.7													
ATEJ	E	0	06 55 57.2	E	0	06 57 00.9													
ACHM	E	0	06 55 59.0	E	0	06 57 05.0													
ASMO	E	0	06 56 01.1	E	0	06 56 09.5													
APHE	E	0	06 56 01.1	E	0	06 56 11.2													
AFC	E	0	06 56 03.0	E	0	06 56 17.6			40										
EHOR	E	0	06 56 04.6	E	0	06 56 20.6			46										
GIBL	I	4	06 56 03.5																
EJIF	E	0	06 56 08.2	E	0	06 56 29.8													
EBAN	E	0	06 56 09.2	E	0	06 56 35.2			50										
LIJA	I	4	06 56 11.0																
EVIA	E	0	06 56 23.4	E	0	06 57 14.0													
08 jun 11h 18m 26.3s 37°10'N 04°34'W 10Km rms ±0.5s mb 2.3 PALENCIANA.MA										08 jun 11h 18m 26.3s 37°10'N 04°34'W 10Km rms ±0.5s mb 2.3 PALENCIANA.MA									
MAL	E	0	11 18 35.0	I	0	11 19 15.5													
EPRU	E	0	11 18 37.0	E	0	11 19 21.6			60										
LIJA	I	0	11 18 40.0																
EHOR	E	0	11 18 41.0	E	0	11 19 34.4			60										
GIBL	I	4	11 18 42.0																
AFC	E	0	11 18 42.0	E	0	11 19 34.0			50										
SRQ	I	0	11 18 46.0																
EJIF	E	0	11 18 46.0																
EBAN	E	0	11 18 47.0	E	0	11 19 50.2			70										
EVIA	E	0	11 19 01.0	E	0	11 19 29.0													

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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08 jun 14h 09m 03.3s 37°08'N 04°30'W 9Km
rms ±0.6s mb 2.0 PALENCIANA.MA

ALOJ E	0	14	09	08.9	E 0	14	09	22.8	
AAPN E	0	14	09	09.1	E 0	14	09	23.8	
MAL					I 0	14	09	17.5	
ATEJ E	0	14	09	11.5	E 0	14	09	30.2	
APHE					E 0	14	09	24.6	
ASMO					E 0	14	09	24.9	
EHOR E	0	14	09	20.0	E 0	14	09	51.0	32
EBAN E	0	14	09	24.5	E 0	14	10	05.4	35

08 jun 14h 45m 55.6s 37°08'N 04°33'W 9Km
rms ±0.5s mb 2.0 PALENCIANA.MA

ALOJ E	0	14	46	01.7	E 0	14	46	09.2	
AAPN E	0	14	46	01.9	E 0	14	46	10.5	
ATEJ E	0	14	46	04.0	E 0	14	46	15.7	
APHE E	0	14	46	09.3	E 0	14	46	27.5	
EHOR E	0	14	46	12.4	E 0	14	46	35.8	24
EBAN E	0	14	46	17.2	E 0	14	46	50.4	35

08 jun 18h 01m 02.5s 37°08'N 04°31'W 10Km
rms ±0.6s mb 2.1 PALENCIANA.MA

ALOJ E	0	18	01	08.6	E 0	18	01	21.9	
AAPN E	0	18	01	08.6	E 0	18	01	23.5	
MAL					I 0	18	01	17.3	
ATEJ E	0	18	01	10.6	E 0	18	01	27.1	
EPRU E	0	18	01	13.5	E 0	18	01	35.6	
ASMO E	0	18	01	14.6	E 0	18	01	38.1	
APHE E	0	18	01	15.3	E 0	18	01	39.2	
AFC					E 0	18	01	28.6	
EHOR E	0	18	01	18.0	E 0	18	01	48.2	34
EBAN E	0	18	01	23.8	E 0	18	02	04.2	40

08 jun 22h 55m 23.5s 37°09'N 04°29'W 10Km
rms ±0.5s mb 2.4 PALENCIANA.MA

ALOJ E	0	22	55	28.8	E 0	22	56	02.6	
AAPN E	0	22	55	28.9	E 0	22	56	04.1	
MAL					I 0	22	55	37.3	
ATEJ E	0	22	55	31.1	I 0	22	56	09.1	
ASMO E	4	22	55	32.4	E 4	22	56	13.3	
APHE E	0	22	55	35.1	E 0	22	56	19.9	
ASMO E	0	22	55	35.4	E 0	22	56	18.3	
EPRU E	0	22	55	35.3	E 0	22	56	19.9	
LIJA E	0	22	55	38.0					
EHOR E	0	22	55	39.5	E 0	22	56	30.9	
EBAN E	0	22	55	44.0	E 0	22	56	44.4	
GIBL I	0	22	55	45.0					
EVIA					E 0	22	56	25.2	

08 jun 22h 59m 46.2s 37°09'N 04°32'W 4Km
rms ±0.7s mb 2.5 PALENCIANA.MA

ALOJ E	0	22	59	51.8	E 0	23	00	49.8	
AAPN E	0	22	59	51.8	E 0	23	00	50.5	
MAL					I 0	23	00	00.2	
ATEJ E	0	22	59	54.0	I 0	23	00	55.5	
ACHM E	0	22	59	55.8	E 0	23	01	00.4	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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EPRU E	0	22	59	57.4	E 0	23	01	02.4	80
ASMO E	0	22	59	57.9	E 0	23	01	06.3	
APHE E	0	22	59	58.0	E 0	23	01	06.9	
AFC E	0	22	60	01.3	E 0	22	60	13.9	55
EHOR E	0	22	60	01.6	E 0	22	60	15.3	55
LIJA I	4	22	60	02.0					
EJIF E	0	22	60	06.0	E 0	22	60	25.4	
GIBL I	0	22	60	07.0					
EBAN E	0	22	60	07.4	E 0	22	60	31.1	60
SRQ I	4	22	60	08.5					
EVIA E	0	22	60	18.0					
EVIA					E 0	22	60	48.6	
PAB					E 4	22	61	01.7	125

08 jun 23h 01m 05.6s 37°09'N 04°31'W 9Km
rms ±0.4s mb 2.1 PALENCIANA.MA

ALOJ E	0	23	01	11.5	E 0	23	01	27.5	
AAPN E	0	23	01	12.2	E 0	23	01	29.7	
ATEJ E	0	23	01	14.4	E 0	23	01	35.4	
APHE					E 0	23	01	27.0	
EHOR E	0	23	01	22.0	E 0	23	01	55.0	23
EBAN E	0	23	01	26.5	E 0	23	02	09.0	35

08 jun 23h 53m 14.9s 37°08'N 04°33'W 9Km
rms ±0.6s mb 2.3 PALENCIANA.MA

ALOJ E	0	23	53	21.0	E 0	23	53	48.6	
AAPN E	0	23	53	21.1	E 0	23	53	48.8	
MAL					I 0	23	53	29.5	
ATEJ E	0	23	53	23.2	E 0	23	53	53.4	
ACHM E	0	23	53	25.5					
APHE E	0	23	53	27.0	E 0	23	54	04.3	
ASMO					E 0	23	53	36.8	
EHOR E	0	23	53	30.5	E 0	23	54	13.6	28
EBAN E	0	23	53	36.2	E 0	23	54	29.2	35

09 jun 06h 31m 38.2s 37°10'N 04°31'W 4Km
rms ±0.4s mb 2.8 PALENCIANA.MA

AAPN I	0	06	31	44.1	E 0	06	32	33.2	
ALOJ I	0	06	31	44.1	I 0	06	32	33.1	
MAL	0	06	31	46.3	I 0	06	32	38.8	0.81 0.7 44
ATEJ E	0	06	31	46.3	E 0	06	32	40.0	
ACHM E	0	06	31	47.8	E 0	06	32	43.2	
EPRU E	0	06	31	49.7	E 0	06	32	47.4	0.09 0.5
APHE E	0	06	31	50.0	E 0	06	32	50.1	
ASMO E	0	06	31	50.2	E 0	06	32	49.3	
LIJA I	0	06	31	52.5					
AFC E	0	06	31	52.8	E 0	06	32	55.8	0.03 0.2 63
EHOR I	0	06	31	53.4	E 0	06	32	59.4	0.04 0.2
EJIF E	0	06	31	58.0					86
EBAN I	0	06	31	59.2	E 0	06	33	13.9	0.06 0.2 59
GIBL I	0	06	31	59.5					
SRQ E	4	06	32	02.0					
MOMI E	4	06	32	06.0					
PLAT E	4	06	32	09.0					
CNIL E	4	06	32	09.0					
TOL E	4	06	32	03.0	E 4	06	33	08.0	
EVIA E	0	06	32	13.7	E 0	06	32	54.1	
ENIJ E	9	06	32	14.3	E 0	06	32	51.3	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
09 jun 06h 32m 54.3s 37°11'N 04°30'W rms ±0.6s mb 2.1 PALENCIANA.MA									EHOR E 0 23 14 20.6 E 0 23 14 54.4 41								
ALOJ E 0 06 33 00.0 E 0 06 33 04.5									EBAN E 0 23 14 27.0 E 0 23 15 10.0 45								
AAPN E 0 06 33 00.0 E 0 06 33 04.0									EVAL E 0 23 14 34.8 E 0 23 15 32.3								
ATEJ E 0 06 33 03.0 I 0 06 33 13.0									EVIA E 0 23 15 07.5								
APHE E 4 06 33 09.0 E 0 06 33 24.5																	
EHOR E 0 06 33 10.8 E 0 06 33 32.2 27																	
EBAN E 0 06 33 15.5 E 0 06 33 47.1 35																	
09 jun 07h 25m 38.4s 37°10'N 04°32'W rms ±0.5s mb 2.3 PALENCIANA.MA									10 jun 00h 32m 15.6s 37°10'N 04°32'W 10Km rms ±0.6s mb 2.5 PALENCIANA.MA								
ALOJ E 0 07 25 44.7 E 0 07 26 34.8									AAPN E 0 00 32 21.5 E 0 00 32 49.5								
AAPN E 0 07 25 44.8 E 0 07 26 34.8									ALOJ E 0 00 32 21.6 E 0 00 32 49.7								
ATEJ E 0 07 25 46.7 E 0 07 26 41.0									MAL I c 0 00 32 23.5 I 0 00 32 53.5 .260 .5 35								
ASMO E 0 07 25 49.7 E 0 07 26 48.5									ATEJ E 0 00 32 23.7 E 0 00 32 55.2								
APHE E 0 07 25 50.6 E 4 07 26 48.7									EPRU E 0 00 32 27.3 65								
AFC E 0 07 25 53.8 E 0 07 26 57.4									APHE E 0 00 32 27.7 E 4 00 33 03.9								
EHOR E 0 07 25 54.0 E 0 07 27 01.0 32									ASMO E 0 00 32 27.8 E 0 00 33 04.4								
EBAN E 0 07 25 59.0 E 0 07 27 15.0 35									AFC E 0 00 32 41.3 55								
EVIA E 0 07 26 41.3									EHOR E 0 00 32 30.9 E 0 00 33 13.9 63								
									EJIF E 0 00 32 35.6								
									EBAN E 0 00 32 36.2 E 0 00 33 29.2 67								
									EVAL E 0 00 32 45.2 E 0 00 33 53.0								
									EVIA E 0 00 33 17.8								
									PAB E 0 00 32 53.0 E 4 00 34 08.0 70								
09 jun 10h 19m 42.6s 37°07'N 04°30'W 11Km rms ±0.6s mb 2.2 PALENCIANA.MA									10 jun 00h 49m 59.6s 37°09'N 04°33'W 9Km rms ±0.4s mb 2.2 PALENCIANA.MA								
ALOJ E 0 10 19 48.3 E 0 10 20 42.1									ALOJ E 0 00 50 05.8 E 0 00 50 17.8								
AAPN E 0 10 19 48.4 E 0 10 20 43.0									AAPN E 0 00 50 05.8 E 0 00 50 18.0								
ATEJ E 0 10 19 50.4 E 0 10 20 48.9									MAL I 0 00 50 13.8								
APHE E 0 10 19 54.4 E 0 10 20 57.7									ATEJ E 0 00 50 08.0 E 0 00 50 23.5								
ASMO E 0 10 19 54.5 E 0 10 20 58.0									APHE E 4 00 50 15.1 E 0 00 50 37.6								
EPRU E 0 10 19 54.2 E 0 10 20 56.2 30									EHOR E 0 00 50 16.0 E 0 00 50 43.0 24								
EHOR E 0 10 19 58.0 E 0 10 21 10.0 29									EBAN E 0 00 50 20.8 E 0 00 50 57.8 29								
EBAN E 0 10 20 03.7 E 0 10 20 23.5 35																	
09 jun 22h 14m 04.4s 38°01'N 00°06'E 19Km rms ±0.3s mb 2.7 MEDITERRANEO									10 jun 02h 06m 33.5s 37°11'N 04°30'W 7Km rms ±0.5s mb 2.7 PALENCIANA.MA								
ACU I D 0 22 14 16.0 E 0 22 14 41.0 0.12 0.3 81									ALOJ E 0 02 06 39.3 E 0 02 07 23.4								
EALH E 0 22 14 25.3 57									AAPN I 0 02 06 39.3 E 0 02 07 23.5								
VIV E 0 22 14 30.1 E 0 22 15 20.1									ATEJ E 0 02 06 41.6 E 0 02 07 30.6								
ENIJ E 0 22 14 37.4 62									MAL I 0 02 06 41.5 I 0 02 07 29.3 0.74 0.4 52								
EVIA E 0 22 14 38.3 E 0 22 15 41.3 0.02 0.4 93									EPRU E 0 02 06 45.0 E 0 02 07 38.8 0.10 0.5 84								
EROQ E 0 22 14 46.8 E 0 22 16 05.3 0.02 0.4 80									ASMO E 0 02 06 45.0 E 0 02 07 38.6								
ESEL E 0 22 14 47.2 E 0 22 16 06.2 62									APHE E 0 02 06 45.5 E 0 02 07 41.4								
PAB E 0 22 15 01.0 E 4 22 15 53.5 120									AFC E 0 02 06 47.8 E 0 02 07 46.3 0.02 0.2 65								
									EHOR I 0 02 06 48.8 E 0 02 07 50.2 0.04 0.2 86								
									EJIF E 0 02 06 53.2 E 0 02 08 00.4 71								
									EBAN I 0 02 06 54.2 E 0 02 08 04.2 0.07 0.2 92								
									SRQ E 4 02 06 56.0								
									OJEN E 0 02 06 58.0								
									MOMI E 4 02 06 58.5								
									CNIL E 0 02 06 59.0								
									PLAT E 0 02 07 00.0								
									EVAL E 0 02 07 03.0 E 0 02 07 28.8 0.02 0.2 75								
									EVIA E 0 02 07 08.7 E 0 02 07 43.7 95								
									ENIJ E 9 02 07 09.0 E 0 02 07 40.4 78								
									TOL E 4 02 07 45.0								
									PAB E 9 02 07 19.0 E 0 02 08 06.0 150								
09 jun 23h 14m 05.1s 37°09'N 04°32'W 7Km rms ±0.6s mb 2.3 PALENCIANA.MA																	
ALOJ E 0 23 14 11.1 I 0 23 14 27.3																	
AAPN E 0 23 14 11.4 E 0 23 14 28.1																	
MAL I 0 23 14 20.0																	
ATEJ E 0 23 14 13.4 E 0 23 14 34.0																	
ACHM E 0 23 14 15.5 E 0 23 14 39.9																	
APHE E 0 23 14 17.3 E 0 23 14 44.4																	
EPRU E 0 23 14 16.6 50																	
ASMO E 0 23 14 17.4 E 4 23 14 47.7																	
AFC E 0 23 14 31.6 35																	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR					
10 jun 07h 15m 08.4s 42°09'N 07°47'W 10Km rms ±0.4s mb 3.2 ALLARIZ.OR									11 jun 18h 22m 23.1s 37°21'N 02°09'W 2Km rms ±0.3s mb 2.8 CANTORIA.AL													
ERUA	I	C	0	07 15 18.4	I	0	07 15 43.7	94	ENIJ	I	D	0	18 22 30.0	E	0	18 23 05.0	100					
EZAM	I	C	0	07 15 21.2	E	0	07 15 51.2	110	ALM	E	0	18 22 33.5	I	0	18 23 13.2							
STS	E	0	07 15 25.0	E	0	07 16 02.0			EALH	E	0	18 22 37.0	E	0	18 23 24.8	0.12	0.5 48					
MVO	I	C	0	07 15 28.5	I	0	07 16 12.7		AFC	E	0	18 22 43.0	E	0	18 23 41.7	0.04	0.3 75					
PTO	I	C	0	07 15 30.3	I	0	07 16 14.8		APHE	E	0	18 22 46.1	E	4	18 23 35.9							
EMON	E	0	07 15 32.0	E	0	07 16 21.0	115		ACHM	E	0	18 22 46.9	E	4	18 23 38.8							
MTE	E	9	07 15 41.0	I	0	07 16 44.5			EVIA	E	0	18 22 47.3	E	0	18 23 52.3	0.22	0.6 100					
COI	I	C	4	07 15 47.0	I	4	07 17 00.0		ASMO	E	4	18 22 47.8										
EPLA	E	0	07 15 47.5	E	0	07 17 03.8	0.04	0.3 117	EBAN	E	0	18 22 50.3	E	0	18 24 00.5	0.07	0.2 85					
GUD	I	C	0	07 15 56.2	E	0	07 17 28.7	0.03	0.3 142	ATEJ	E	0	18 22 50.4	E	4	18 23 48.0						
TOL	E	0	07 16 03.0	E	4	07 16 45.0	0.03	0.8 125	ALOJ	E	4	18 22 51.8	E	4	18 23 49.6							
MOE	E	0	07 16 04.0	E	4	07 16 47.0			AAPN	E	4	18 22 51.9										
PAB	E	0	07 16 04.5	E	0	07 16 50.5	200		ACU	E	0	18 22 53.8	E	0	18 24 10.6							
10 jun 21h 22m 06.0s 37°10'N 04°30'W 9Km rms ±0.6s mb 2.8 PALENCIANA.MA									11 jun 20h 57m 09.5s 39°48'N 08°24'W 10Km rms ±0.5s mb 2.7 ALVAIACERA.PORT													
AAPN	I	0	21 22 11.8	E	0	21 22 28.6			COI	I	0	20 57 17.6	I	0	20 57 40.3							
ALOJ	E	0	21 22 12.0	E	0	21 22 28.8			MTE	I	C	0	20 57 24.5	I	0	20 58 02.0						
MAL	I	0	21 22 13.7	I	0	21 22 34.0	0.55	0.4 54	MOE	E	0	20 57 32.0	I	0	20 58 20.0							
ATEJ	E	0	21 22 14.4	E	0	21 22 36.0			MVO	E	4	20 57 39.9	I	0	20 58 39.8							
ACHM	E	0	21 22 15.8	E	0	21 22 40.0			EPLA	E	0	20 57 40.5	E	0	20 58 42.2	0.02	0.2 47					
EPRU	E	0	21 22 17.3	E	0	21 22 43.0	0.07	0.5 70	EVAL	E	9	20 57 58.0	E	0	20 59 27.0	0.01	0.3					
APHE	E	0	21 22 17.9	E	0	21 22 45.0			PAB	E	0	20 58 34.0	E	0	20 58 34.0		100					
ASMO	E	0	21 22 18.3	E	0	21 22 45.3			GUD	E	0	20 58 39.5	E	0	20 58 39.5							
LIJA	I	0	21 22 21.0																			
AFC	E	0	21 22 20.5	E	0	21 22 51.3	0.02	0.2 71														
EHOR	I	0	21 22 21.3	E	0	21 22 54.9	0.04	0.2 72														
EJIF	E	0	21 22 26.0																			
EBAN	E	0	21 22 27.0	E	0	21 23 09.3	0.05	0.2 81														
GIBL	I	0	21 22 28.0																			
SRQ	E	0	21 22 28.0																			
CNIL	E	4	21 22 28.5																			
MOMI	E	0	21 22 29.0																			
PLAT	E	0	21 22 30.0																			
OJEN	E	0	21 22 30.0																			
EVAL	E	0	21 22 35.5	E	0	21 23 33.7	0.01	0.2 75														
ENIJ	E	9	21 22 41.0	E	0	21 23 45.7		73														
EVIA	E	0	21 22 41.0	E	0	21 23 06.5		73														
PAB	E	4	21 22 39.5	E	4	21 24 04.5		110														
11 jun 13h 08m 53.1s 42°10'N 07°47'W 10Km rms ±0.3s mb 2.6 ALLARIZ.OR									16 jun 10h 27m 57.0s 36°51'N 05°18'W rms ±0.6s mb 3.7 III EL GASTOR.MA													
ERUA	I	C	0	13 09 02.8	E	0	13 09 12.7	36	LIJA	I	0	10 27 59.0										
EZAM	I	C	0	13 09 05.6	E	0	13 09 20.6	0.09	0.2 54	EPRU	I	D	0	10 27 59.4			240					
STS	E	0	13 09 09.8	E	0	13 09 31.1	0.03	0.2 46	EJIF	I	D	0	10 28 04.5	E	0	10 28 14.8	0.25	0.2 230				
EMON	E	0	13 09 16.4	E	0	13 09 49.5		68	ALJ	I	4	10 28 05.5										
MVO	E	4	13 09 20.0	I	0	13 09 48.9			SRQ	E	0	10 28 07.7										
EPLA	E	0	13 09 32.0						MAL	I	D	4	10 28 08.6	I	0	10 28 28.1	2.96	0.7 151				
GUD	E	0	13 09 41.8	E	0	13 10 59.0	0.01	0.5 70	GIBL	I	4	10 28 09.0										
11 jun 15h 16m 59.0s 37°36'N 03°19'W 7Km rms ±0.2s mb 2.3 HUELMA.J									MOMI									E	0	10 28 09.0		
AFC	E	0	15 17 05.8	E	0	15 17 17.4	0.01	0.2 35	CNIL	E	4	10 28 13.0										
EBAN	E	0	15 17 11.4	E	0	15 17 31.7	0.02	0.2 35	EHOR	I	D	0	10 28 15.0	E	0	10 28 43.0		225				
EVIA	E	0	15 17 21.4	E	0	15 17 58.7	0.03	0.2 47	ATEJ	E	0	10 28 15.1	E	0	10 28 44.6							
EHOR	E	9	15 17 28.4	E	0	15 18 16.7		42	ALOJ	E	0	10 28 15.3	E	0	10 28 44.9							
									AAPN	E	0	10 28 16.7	E	4	10 28 50.9							
									ACHM	E	0	10 28 18.5	E	0	10 28 53.0							
									APHE	E	9	10 28 18.9	E	0	10 28 55.8							
									ASMO	E	0	10 28 21.4	E	0	10 29 01.8							
									EVAL	I	D	0	10 28 21.5	I	0	10 29 01.5		210				
									AFC	I	D	0	10 28 23.9	E	0	10 29 06.9	0.52	0.7 195				
									EBAN	I	0	10 28 27.0	E	0	10 29 17.5	0.17	0.2 220					
									FAR	E	4	10 28 31.0	E	4	10 29 39.0							
									BMK	I	9	10 28 32.5	E	0	10 29 30.5							
									FIG	I	C	4	10 28 33.2	I	4	10 29 42.2						
									ALM	E	4	10 28 37.7	E	4	10 29 04.0							
									EVIA	E	0	10 28 42.6	E	0	10 29 59.1	0.61	0.7 260					
									MOE	I	C	0	10 28 43.3	I	0	10 30 02.3						
									ENIJ	E	9	10 28 45.5	E	0	10 30 01.3	0.24	0.8					
									TAF	I	0	10 28 46.0	I	4	10 30 12.0							

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
TOL	E	0	10 28 47.0	E 4	10 30 09.5	0.56	1.1	275	EVAL	E	0	10 58 53.3	E 0	11 00 05.7	0.02	0.3	53	
LIS				E 0	10 29 35.0				EBAN	E	9	10 59 02.4	E 0	10 59 27.0			53	
MTH	E	0	10 28 55.0	E 0	10 30 33.0				LIJA	I	4	10 58 27.0						
GUD	I D	0	10 28 57.1	E 0	10 28 59.3	0.14	0.6	240	GIBL	I	4	10 58 30.0						
AVE	E	0	10 28 57.5	I 0	10 29 01.5													
MTE	E	0	10 28 58.0	I 0	10 29 01.0													
ECHE	E	0	10 29 02.5	E 0	10 29 55.5	0.17	0.8											
MVO	I C	0	10 29 05.4	I 0	10 30 01.0													
PTO	E	4	10 29 06.0	E 4	10 30 12.5													
COI	E	4	10 29 17.0	I 0	10 30 04.0													
ERUA	E	0	10 29 23.2	E 0	10 30 48.2	0.09	1.0											
TIO	I	4	10 29 26.0	I 0	10 31 01.5													
EPF		0	10 29 47.6	0	10 30 17.6	0.02	0.7											
16 jun 10h 35m 16.6s 36°52'N 05°16'W 3Km rms ±0.5s mb 2.9 EL GASTOR.MA									16 jun 11h 08m 47.8s 36°50'N 05°15'W rms ±0.5s mb 1.8 EL GASTOR.MA									
EPRU	I D	0	10 35 18.2						EPRU	I D	0	11 08 49.5	E 0	11 09 42.1	0.11	0.2	41	
EJIF	I	0	10 35 24.1	E 0	10 35 55.1	0.23	0.3	105	EJIF	E	0	11 08 55.2	E 0	11 09 56.5	0.04	0.5	40	
ALJ	I	4	10 35 24.5						ATEJ	E	0	11 09 05.2	E 0	11 09 25.2				
SRQ	E	0	10 35 27.4						EHOR	E	0	11 09 06.2	E 0	11 09 25.5	0.02	0.3	31	
GIBL	I	0	10 35 27.5						ALOJ	E	4	11 09 07.0	E 4	11 09 28.5				
MAL	I D	0	10 35 29.0	I 0	10 36 08.3	0.56	0.7	67	AAPN	E	0	11 09 07.6	E 4	11 09 30.6				
ALOJ	E	0	10 35 33.8						EVAL	E	0	11 09 13.0						
EHOR	E	0	10 35 34.0	E 0	10 36 21.5	0.11	0.3	105	EBAN	E	0	11 09 17.6						
ATEJ	E	0	10 35 34.2															
AAPN	E	0	10 35 35.7	E 0	10 36 24.5													
APHE	E	4	10 35 36.9	E 4	10 36 27.7													
ACHM	E	0	10 35 37.5	E 4	10 36 29.3													
EVAL	E	0	10 35 40.4	E 0	10 36 40.4	0.09	0.3	95										
ASMO	E	0	10 35 40.7															
AFC	E	0	10 35 42.5	E 0	10 36 43.0	0.05	0.5	95										
EBAN	E	9	10 35 50.5	E 0	10 37 03.5	0.03	0.3	100										
FIG	E	4	10 35 54.0	I 4	10 37 21.5													
MOE	E	4	10 36 10.0	E 0	10 36 48.0													
EVIA	E	9	10 36 10.5	E 0	10 36 55.0	0.07	0.7											
GUD	E	0	10 36 16.8															
TOL	E	4	10 36 26.0	I 4	10 37 34.0	0.06	1.1	60										
MTE	E	4	10 36 27.5	I 4	10 37 51.5													
MVO	E	4	10 36 29.1	E 0	10 37 44.7													
16 jun 10h 39m 48.2s 36°51'N 05°19'W rms ±0.4s mb 2.1 EL GASTOR.CA									16 jun 13h 06m 16.9s 36°50'N 05°16'W rms ±0.6s mb 3.1 EL GASTOR.MA									
EPRU	I D	0	10 39 49.4	E 0	10 40 42.1	0.34	0.4	55	EPRU	I D	0	13 06 18.9						
EJIF	E	0	10 39 55.6	E 0	10 40 57.6	0.09	0.5	55	EJIF	I D	0	13 06 24.5	E 0	13 06 54.5	0.26	0.4		
SRQ	E	0	10 39 58.5	E 0	10 41 06.1				ALJ	I	4	13 06 25.0						
MAL				I 0	10 40 10.8				SRQ	E	0	13 06 27.5						
EHOR	E	0	10 40 06.0	E 0	10 40 24.7	0.04	0.3	53	GIBL	I	4	13 06 28.5						
ALOJ	E	0	10 40 07.0	E 0	10 40 27.5				MAL	I C	0	13 06 28.5	I 0	13 07 07.0	0.71	0.7	96	
ATEJ	E	0	10 40 07.5	E 0	10 40 29.5				MOMI	E	0	13 06 29.0						
AAPN	E	0	10 40 07.8	E 0	10 40 30.3				PLAT	E	0	13 06 31.7						
ASMO	E	0	10 40 12.5	E 0	10 40 43.7				CNIL	E	0	13 06 32.0						
EVAL	E	0	10 40 12.6	E 0	10 40 44.1	0.02	0.3	45	OJEN	E	4	13 06 33.0						
EBAN	E	0	10 40 18.8	E 0	10 41 01.1	0.01	0.3	48	ATEJ	E	0	13 06 34.8	E 4	13 07 22.5				
16 jun 10h 58m 28.7s 36°50'N 05°17'W 1Km rms ±0.4s mb 2.2 EL GASTOR.MA									16 jun 21h 13m 30.8s 36°51'N 05°15'W 2Km rms ±0.6s mb 3.7 EL GASTOR.MA									
EPRU	I D	0	10 58 31.0	E 0	10 59 04.5			70	EHOR	I D	0	13 06 34.6	E 0	13 07 22.1	0.18	0.3		
ALJ	I	0	10 58 35.0						ALOJ	E	0	13 06 34.9	E 0	13 07 23.5				
EJIF	E	0	10 58 36.6			0.09	0.5	60	AAPN	E	0	13 06 36.5	E 4	13 07 28.1				
SRQ	E	0	10 58 38.8	E 0	10 59 25.8				ACHM	E	0	13 06 38.0	E 0	13 07 32.2				
EHOR	E	0	10 58 46.8	E 0	10 59 46.8	0.03	0.3	35	APHE	E	4	13 06 38.5	E 4	13 07 39.1				
									16 jun 21h 13m 30.8s 36°51'N 05°15'W 2Km rms ±0.6s mb 3.7 EL GASTOR.MA									
									LIJA I 0 21 13 32.5									
									EPRU I D 0 21 13 32.8									
									ALJ I 4 21 13 38.5									
									EJIF I D 0 21 13 38.5 0.37 0.3									
									SRQ E 0 21 13 40.8									
									GIBL I 0 21 13 42.0									
									MOMI E 0 21 13 42.5									
									MAL I C 0 21 13 42.7 I 0 21 14 34.7 2.06 0.8 130									
									CNIL E 0 21 13 45.8									
									OJEN E 0 21 13 46.0									
									PLAT E 4 21 13 47.5									
									ALOJ E 0 21 13 48.3 E 0 21 14 50.4									
									EHOR I D 0 21 13 48.4 E 0 21 14 50.0									

EST I/E W					HORA P I/E W					HORA S AMP PER DUR						
ATEJ	E	0	21	13	48.7	E	0	21	14	51.1						
AAPN	E	0	21	13	50.1	E	4	21	14	55.1						
ACHM	E	0	21	13	51.6	E	0	21	14	59.4						
APHE	E	0	21	13	52.8	E	0	21	15	02.5						
ASMO	E	0	21	13	55.0	E	0	21	15	07.3						
Eval	I	D	0	21	13	55.0	E	0	21	15	10.0	0.30	0.4			
AFC	E	0	21	13	56.9	E	0	21	15	12.1	0.18	0.5				
EBAN	I	D	0	21	14	00.7	E	0	21	14	24.4	0.19	0.3			
BMK	E	0	21	14	03.5	I	4	21	14	43.5						
FIG	I	C	4	21	14	07.0	I	4	21	14	50.0					
ALM	E	4	21	14	10.7	I	4	21	14	47.7						
EVIA	E	0	21	14	16.4	E	0	21	15	05.4	0.41	0.7				
MOE	I	C	0	21	14	18.0	I	0	21	15	12.0					
TAF	E	0	21	14	20.0	E	0	21	15	15.0						
TOL	E	0	21	14	20.5	E	0	21	15	19.5	0.27	0.9	200			
IFR	I	0	21	14	22.0	I	0	21	15	22.5						
LIS		4	21	14	36.0		0	21	15	45.0						
MTH	E	0	21	14	29.0	E	0	21	15	40.6						
GUD	I	D	0	21	14	30.3	E	0	21	15	46.3	0.08	0.4			
MTE	E	0	21	14	31.7	I	0	21	15	47.7						
AVE	E	0	21	14	32.0	I	0	21	15	49.0						
ECHE	E	0	21	14	35.8						0.18	0.9				
COI	E	4	21	14	37.0	I	0	21	15	57.7						
MVO	I	C	0	21	14	39.1	I	0	21	16	08.7					
FAR							4	21	14	41.5						
PTO	E	0	21	14	45.1	E	4	21	16	22.1						
TIO	E	0	21	15	01.0	E	0	21	16	11.0						
EPF		0	21	15	21.0		4	21	15	26.8	0.02	0.7				

16 jun 21h 22m 23.9s					36°50'N 05°17'W									
rms ±0.5s mb 1.6					EL GASTOR.MA									
LIJA	I	0	21	22	25.0									
EPRU	I	D	0	21	22	25.8	E	0	21	22	54.4	0.10	0.3	32
ALJ	I	0	21	22	30.0									
EJIF	E	0	21	22	31.6	E	0	21	23	08.8	0.02	0.4	30	
SRQ	E	0	21	22	34.2									
EHOR	E	0	21	22	42.3	E	0	21	23	37.3	0.01	0.3	30	
Eval	E	0	21	22	49.2	E	0	21	23	56.8				

16 jun 21h 24m 14.9s					36°52'N 05°18'W									
rms ±0.5s mb 2.0					EL GASTOR.CA									
LIJA	I	0	21	24	16.0									
EPRU	I	D	0	21	24	16.2	E	0	21	24	35.2	0.17	0.4	52
ALJ	I	4	21	24	22.0									
EJIF	E	0	21	24	23.0	E	0	21	24	52.0	0.07	0.5	45	
SRQ	E	0	21	24	26.0									
MOMI	E	0	21	24	26.0									
GIBL	I	4	21	24	27.0									
EHOR	E	0	21	24	33.0	E	0	21	25	18.6	0.02	0.3	43	
AAPN	E	0	21	24	33.5	E	4	21	25	23.7				
ATEJ	E	0	21	24	33.8	E	4	21	25	24.2				
ALOJ	E	0	21	24	34.0	E	4	21	25	24.5				
APHE	E	0	21	24	38.0									
ASMO	E	0	21	24	39.5									
Eval	E	0	21	24	39.8	E	0	21	25	38.2				
EBAN	E	0	21	24	45.4									

17 jun 01h 58m 57.4s					36°51'N 05°20'W									
rms ±0.5s mb 1.5					EL GASTOR.CA									
LIJA	I	0	01	58	58.5									
EPRU	I	D	0	01	58	59.1	E	0	02	00	01.1	0.06	0.2	33
ALJ	I	0	01	59	02.0									
EJIF	E	0	01	59	04.9	E	0	01	59	16.2	0.02	0.4		
GIBL	I	0	01	59	06.5									
EHOR	E	0	01	59	15.7						0.01	0.3		
Eval	E	0	01	59	22.5									

17 jun 09h 37m 28.5s					36°50'N 05°17'W									
rms ±0.4s mb 1.6					EL GASTOR.MA									
EPRU	I	D	0	09	37	30.5	E	0	09	38	03.3	0.11	0.3	55
LIJA	I	0	09	37	30.5									
ALJ	I	4	09	37	36.0									
EJIF	E	0	09	37	36.2	E	0	09	38	17.6	0.02	0.4		
GIBL	I	4	09	37	40.5									
EHOR	E	0	09	37	47.2	E	0	09	38	46.9	0.01	0.3		
Eval	E	0	09	37	54.0	E	0	09	39	06.4				

18 jun 04h 00m 31.5s					36°51'N 05°20'W									
rms ±0.5s mb 2.6					EL GASTOR.CA									
LIJA	I	0	04	00	33.0									
EPRU	I	D	0	04	00	33.2							96	
EJIF	I	D	0	04	00	39.4	E	0	04	01	24.4	0.19	0.5	65
ALJ	I	4	04	00	39.5									
SRQ	E	0	04	00	42.0									
GIBL	I	4	04	00	43.0									
MOMI	E	0	04	00	43.0	E	0	04	01	33.9				
MAL	I	C	4	04	00	43.4	I	0	04	01	38.0	0.15	0.6	61
CNIL	E	0	04	00	46.5									
OJEN	E	4	04	00	47.0									
PLAT	E	4	04	00	49.0									
EHOR	E	0	04	00	49.0	E	0	04	01	51.5	0.07	0.3	77	
ALOJ	E	0	04	00	50.0	E	4	04	01	57.5				
AAPN	E	0	04	00	51.5	E	4	04	02	01.5				
ACHM	E	0	04	00	54.0									
APHE	E	0	04	00	55.0	E	4	04	02	11.4				
Eval	I	D	0	04	00	55.7	E	0	04	02	09.4	0.04	0.4	80
ASMO	E	0	04	00	56.5	E	4	04	02	14.5				
CRT	E	0	04	00	57.5									
AFC	E	0	04	00	58.0									
EBAN	E	0	04	01	03.4	E	0	04	01	28.4	0.02	0.3	80	
TOL						E	4	04	02	14.5			60	
EVIA	E	0	04	01	17.2								60	
GUD	E	0	04	01	31.3	E	0	04	02	48.2			60	

18 jun 05h 44m 59.7s					36°50'N 05°18'W									
rms ±0.4s mb 1.5					EL GASTOR.MA									
EPRU	I	D	0	05	45	01.6	E	0	05	45	05.8	0.17	0.4	35
EJIF	I	0	05	45	07.2						0.03	0.5	36	
MOMI	E	0	05	45	10.5	E	0	05	45	29.7			36	
MAL						I	0	05	45	22.8				
AAPN	E	0	05	45	19.0	E	4	05	45	55.7				
APHE	E	0	05	45	24.0									
ASMO	E	0	05	45	24.0									
Eval	E	0	05	45	24.8								35	

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR
18 jun 05h 54m 25.5s 36°51'N 05°19'W rms ±0.3s mb 1.5 EL GASTOR.CA										OJEN E 4 18 20 30.0									
EPRU I D 0 05 54 27.0 E 0 05 54 56.7 0.15 0.3 47										PLAT E 4 18 20 30.0									
EJIF E 0 05 54 33.0 0.02 0.4 41										EHOR I 0 18 20 31.2 0.02 0.3 37									
AAPN E 0 05 54 45.0 E 4 05 55 47.0										ALQJ E 9 18 20 33.0 E 0 18 21 20.0									
ALQJ E 4 05 54 45.5										ATEJ E 4 18 20 33.4									
APHE E 0 05 54 49.5										AAPN E 9 18 20 33.5 E 0 18 21 22.0									
EVAL E 0 05 54 50.2 E 0 05 55 58.6 32										APHE E 0 18 20 36.5 E 0 18 21 30.5									
										EVAL E 0 18 20 37.7 40									
										EBAN E 9 18 20 46.0 E 0 18 21 54.7									
18 jun 15h 07m 22.6s 36°50'N 05°19'W rms ±0.4s mb 1.5 EL GASTOR.MA										24 jun 18h 25m 22.4s 36°50'N 05°20'W rms ±0.5s mb 2.2 EL GASTOR.CA									
LIJA I 0 15 07 24.0										LIJA I 0 18 25 24.0									
EPRU I 0 15 07 24.5 E 0 15 07 52.1 0.07 0.3 30										EPRU I D 0 18 25 24.4 E 0 18 25 51.7 0.35 0.4 70									
ALJ I 4 15 07 30.0										EJIF E 0 18 25 29.6 E 0 18 26 05.1 0.09 0.3 65									
EJIF E 0 15 07 30.0 E 0 15 08 05.2 0.02 0.4 36										ALJ I 4 18 25 30.0									
GIBL I 0 15 07 33.0										SRQ E 0 18 25 32.8									
EHOR E 0 15 07 41.0 0.01 0.3 26										GIBL I 4 18 25 34.0									
ATEJ E 0 15 07 41.5										MOMI E 0 18 25 34.5									
AAPN E 0 15 07 42.5 E 4 15 08 41.0										MAL E 0 18 25 35.0 I 0 18 26 22.0 0.11 0.7 52									
APHE E 0 15 07 46.6										OJEN E 4 18 25 37.5									
EVAL E 0 15 07 47.0 E 0 15 08 52.5										EHOR E 0 18 25 41.2 E 0 18 26 34.9 0.05 0.4 61									
										ALQJ E 0 18 25 40.6 E 0 18 26 35.1									
										ATEJ E 0 18 25 41.5									
										AAPN E 0 18 25 42.0 E 0 18 26 39.0									
										APHE E 0 18 25 46.0 E 0 18 26 49.5									
										EVAL E 0 18 25 46.5 E 0 18 26 52.1 0.02 0.3 69									
										ASMO E 0 18 25 47.0 E 0 18 26 53.0									
										EBAN E 0 18 25 54.2 E 0 18 27 10.5 0.01 0.4 60									
18 jun 18h 20m 59.9s 36°52'N 05°19'W rms ±0.6s mb 1.5 EL GASTOR.CA										24 jun 18h 46m 41.9s 36°50'N 05°19'W rms ±0.6s mb 2.0 EL GASTOR.MA									
LIJA I 0 18 21 01.0										EPRU I D 0 18 46 43.4 E 0 18 47 29.8 0.24 0.4 50									
EPRU I C 0 18 21 01.3 E 0 18 21 04.3 0.09 0.3 30										EJIF E 0 18 46 48.5 E 0 18 47 43.5 0.06 0.4 45									
EJIF E 0 18 21 07.4 E 0 18 21 20.6 0.03 0.5 35										MAL E 0 18 46 54.5 I 4 18 48 03.0									
ALJ I 4 18 21 08.0										EHOR E 0 18 47 00.3 E 0 18 47 13.1 0.03 0.4									
GIBL I 0 18 21 10.5										ALQJ E 4 18 47 02.2 E 0 18 47 16.7									
EHOR E 0 18 21 17.3 E 0 18 21 47.6 28										ATEJ E 4 18 47 02.5 E 0 18 47 17.5									
AAPN E 0 18 21 19.0 E 4 18 21 45.5										AAPN E 4 18 47 03.0 E 0 18 47 19.0									
ATEJ E 0 18 21 20.0										APHE E 0 18 47 05.5									
APHE E 0 18 21 24.0										ASMO E 0 18 47 07.0									
EVAL E 0 18 21 24.8 E 0 18 22 07.4										EVAL E 0 18 47 06.8 E 0 18 47 31.8 0.01 0.3 35									
										EBAN E 0 18 47 13.6 E 0 18 47 49.1 43									
18 jun 18h 32m 30.0s 36°51'N 05°18'W rms ±0.5s mb 1.6 EL GASTOR.MA										24 jun 18h 49m 22.3s 36°50'N 05°19'W rms ±0.5s mb 1.8 EL GASTOR.MA									
LIJA I 0 18 32 31.0										EPRU I D 0 18 49 24.0 E 0 18 49 50.7 0.13 0.3 40									
EPRU I C 0 18 32 31.7 E 0 18 33 06.3 0.10 0.4 42										EJIF E 0 18 49 29.4 E 0 18 50 04.9 0.06 0.4 40									
ALJ I 0 18 32 35.5										MAL I 4 18 49 48.8									
EJIF E 0 18 32 37.3 E 0 18 33 20.1 0.03 0.5 40										EHOR E 0 18 49 40.5 E 0 18 50 34.8 0.01 0.3 40									
GIBL I 0 18 32 40.0										ALQJ E 0 18 49 41.5									
EHOR E 0 18 32 48.2 E 0 18 33 49.0 28										ATEJ E 0 18 49 41.6 E 0 18 50 36.6									
AAPN E 0 18 32 49.0 E 4 18 33 56.0										AAPN E 9 18 49 43.0 E 0 18 50 41.0									
ATEJ E 0 18 32 49.4										APHE E 0 18 49 46.0									
APHE E 0 18 32 54.0										ASMO E 0 18 49 47.5									
EVAL E 0 18 32 55.2 E 0 18 34 09.0										EVAL E 0 18 49 47.0 E 0 18 50 52.5 35									
										EBAN E 0 18 50 15.8									
24 jun 18h 20m 12.6s 36°50'N 05°19'W rms ±0.4s mb 1.8 EL GASTOR.MA																			
LIJA I 0 18 20 14.0																			
EPRU I D 0 18 20 14.5 E 0 18 20 31.5 0.14 0.3 41																			
EJIF E 0 18 20 20.1 E 0 18 20 45.5 0.03 0.4 40																			
ALJ I 4 18 20 20.5																			
GIBL I 4 18 20 24.0																			
SRQ E 4 18 20 26.0																			
MOMI E 4 18 20 26.0																			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
06 jul 04h 41m 54.0s 43°04'N 00°30'W								
rms ±0.7s mb 3.0 IV SARRANCE.FR								
JAU	C	0	04 41	55.4	E 0 04 42	52.7		
ATE	D	0	04 41	55.8	E 0 04 42	53.8		
ISSF	0	04 41	57.3	E 0 04 42	58.0			
EPF	0	04 42	04.2	0 04 42	17.6	0.09	0.2	
VIH	0	04 42	12.1	0 04 42	38.6			
MLS	0	04 42	15.5	0 04 42	48.0			
SALF	0	04 42	17.7	0 04 42	52.1			
AVN	0	04 42	21.3	0 04 43	02.5			
GRBF	0	04 42	21.9	4 04 43	05.2			
ECRI	E	0	04 42	22.6	E 0 04 43	05.1	0.06	0.3 55
LPO	9	04 42	30.9	0 04 43	27.8			
LFF	4	04 42	31.9	4 04 43	31.5			
CAF	0	04 42	35.1					
ERQ	0	04 42	35.5	E 0 04 43	00.5	0.02	0.2	66
ETOR	E	0	04 42	35.5	E 0 04 43	41.1		65
EBR				4 04 43	09.0			
OLT	4	04 42	38.5	4 04 43	48.0			
ETER	E	9	04 42	44.0	E 0 04 43	59.5	0.03	0.5 53
RJF	4	04 42	42.7	4 04 43	59.6			
GUD	E	0	04 42	50.7	E 0 04 44	24.3		

06 jul 18h 17m 59.5s 37°06'N 04°41'W 20Km								
rms ±0.4s mb 2.4 HUMILLADERO.MA								
MAL				I 0 18 18	13.5			
EHOR	E	0	18 18	15.0	E 0 18 18	41.8	0.03	0.2 32
AFC	E	0	18 18	16.8	E 0 18 18	45.8	0.02	0.3 31
EBAN	I	0	18 18	20.7	E 0 18 18	57.7	0.04	0.2 38
EVIA				E 0 18 19	02.0			38

07 jul 14h 10m 17.2s 38°24'N 00°27'W 9Km								
rms ±0.3s mb 2.0 II SAN JUAN DE ALICANTE.A								
ACU	I	D	0	14 10	19.8	E 0 14 10	41.6	34
VIV	E	0	14 10	36.3	E 0 14 11	25.3		
ECHE	E	0	14 10	39.6	E 0 14 11	35.7	0.02	0.3 34
EVIA	E	0	14 10	44.4	E 0 14 11	49.9		35

08 jul 21h 03m 20.7s 35°18'N 03°41'W 13Km								
rms ±0.5s mb 2.8 CABO QUILATES.MAC								
EMEL	E	0	21 03	31.4	E 0 21 04	12.4		48
TAF	E	0	21 03	41.0	I 0 21 04	37.5		
BMK	I	0	21 03	50.0	I 0 21 05	03.0		
AFC	E	0	21 03	51.6				
EPRU	E	0	21 03	54.6				
IFR	I	0	21 03	55.0	I 0 21 05	15.5		
EHOR	E	0	21 04	03.8	E 0 21 04	40.6		
AVE	E	4	21 04	25.0	E 4 21 05	39.0		

09 jul 07h 07m 35.3s 36°41'N 07°24'W 22Km								
rms ±0.8s mb 3.0 GOLFO DE CADIZ								
FAR	I	D	0	07 07	45.8	I 0 07 08	40.1	
FIG	I	D	0	07 07	45.7	I 0 07 08	39.7	
EVAL	E	0	07 07	53.0	E 0 07 08	59.7	0.04	0.3 78
CNIL	I	0	07 07	53.0				
GIBL	I	0	07 07	56.0				
LIJA	I	0	07 08	00.0				

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
07 jul 07h 08m 02.0								
SRQ	I	0	07 08	02.0				
MOMI	I	4	07 08	03.0				
EPRU	E	0	07 08	04.9	E 0 07 08	30.1		
BMK	I	4	07 08	05.0	I 4 07 08	30.5		
EHOR	E	0	07 08	07.5	E 0 07 08	40.2	0.02	0.3 76
OJEN	I	4	07 08	16.0				
ATEJ	E	0	07 08	17.0	E 0 07 09	04.5		
AAPN	E	0	07 08	17.0	E 0 07 09	05.0		
ALOJ				E 0 07 08	48.0			
IFR				I 4 07 08	53.0			
APHE	E	0	07 08	22.0	E 0 07 09	16.0		
AVE				E 4 07 08	55.0			
AFC	E	0	07 08	22.8				
EBAN	I	0	07 08	22.9	E 0 07 09	22.3	0.02	0.2 80
MTE	E	0	07 08	29.0	E 0 07 09	40.5		
EVIA	E	0	07 08	37.8	E 0 07 10	05.0	0.02	0.3 78
GUD	E	0	07 08	44.4	E 0 07 10	20.9		
TIO	I	4	07 08	53.0	I 4 07 09	04.5		

09 jul 17h 48m 11.0s 36°11'N 03°20'W 5Km								
rms ±0.4s mb 2.4 ALBORAN								
ATEJ	E	0	17 48	27.1	E 0 17 49	07.3		
EMEL	I	0	17 48	28.5	E 0 17 49	09.5		40
ALM	E	4	17 48	34.3	E 0 17 49	16.6		
MAL	I	D	0	17 48	29.3	I 0 17 49	12.1	0.22 0.5 53
AFC	E	0	17 48	30.6	E 0 17 49	15.8	0.02	0.3 50
ALOJ	E	0	17 48	30.9	E 0 17 49	16.9		
ENIJ	E	0	17 48	32.4	E 0 17 49	19.8	0.05	0.4 43
ASMO	E	0	17 48	34.0				
AAPN	E	0	17 48	34.4	E 0 17 49	26.0		

11 jul 05h 47m 33.7s 43°21'N 03°48'E								
rms ±0.7s mb 2.6 S. SETE								
MTHF	D	4	05 48	01.9	0 05 48	08.6		
ETER	I	0	05 47	56.7	E 0 05 49	08.7	0.04	0.3 30
VDCF	D	0	05 47	57.2				
OLT	0	05 48	01.9					
CAF	0	05 48	06.8				0.01	0.2
LRG	9	05 48	07.5	0 05 48	38.7		0.01	0.2
LMR	9	05 48	09.4	0 05 48	43.5			
SALF	4	05 48	10.3	4 05 48	48.8			
FRF	9	05 48	11.3	0 05 48	49.0			
EPF	0	05 48	13.4					
RJF	9	05 48	22.1	0 05 49	15.5			

11 jul 06h 16m 01.8s 43°21'N 03°47'E								
rms ±0.9s mb 2.6 S. SETE								
MTHF	D	0	06 16	19.4	0 06 16	54.2		
ETER	I	0	06 16	24.6	E 0 06 17	04.6	0.03	0.3 30
OLT	0	06 16	30.3					
LRG	9	06 16	35.9	0 06 17	35.0	0.01	0.2	
LMR	9	06 16	37.5	0 06 17	39.8	0.01	0.2	
FRF	9	06 16	39.5	0 06 17	45.1			
CAF	0	06 16	35.5				0.01	0.2
LPO	0	06 16	37.7				0.01	0.3
EPF	0	06 16	41.5					
RJF	9	06 16	50.3	0 06 18	12.1			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
11 jul 19h 32m 02.5s 43°19'N 03°45'E rms ±0.9s mb 2.6 S. SETE									15 jul 08h 42m 26.5s 37°46'N 04°37'W rms ±0.4s mb 2.6 SANTA CRUZ.CO								
ETER	E	0	19 32 24.7	E 0	19 33 04.7	0.05	0.3	33	EBR			E 4	02 13 58.0				
OLT		0	19 32 30.1					33	ETER	E	9	02 13 32.4	E 0	02 14 36.4	0.05	0.5	64
CAF		0	19 32 34.8			0.01	0.3		RJF		4	02 13 33.4	4	02 14 41.2	0.01	0.3	
LRG		9	19 32 35.3	0	19 33 34.3	0.01	0.2		LSF		0	02 13 36.0					
LMR		9	19 32 37.3	0	19 33 39.1	0.01	0.2		GUD			E 0	02 14 23.5				80
FRF		9	19 32 39.2	0	19 33 45.2	0.01	0.3		15 jul 11h 48m 46.5s 43°06'N 00°29'W rms ±0.6s mb 2.8 SARRANCE.FR								
EPF		0	19 32 41.3						ESCF	C	0	11 48 47.5	E 0	11 49 36.1			
RJF		9	19 32 50.2	0	19 34 11.9				JAU	C	0	11 48 48.1	E 0	11 49 37.8			
14 jul 01h 34m 40.5s 36°58'N 02°26'W rms ±0.5s mb 2.6 RIOJA.AL									ATE	C	0	11 48 49.2	E 0	11 49 41.0			
ALM	I	C	0 01 34 43.0	I 0	01 35 27.9			60	EPF		0	11 48 57.9	0	11 50 04.3	0.03	0.2	
ENIJ	I	D	0 01 34 43.4	E 0	01 35 29.0			110	AVN		9	11 49 15.3	0	11 49 50.9			
AFC	E	0	01 34 56.4	E 0	01 36 06.9	0.03	0.3	63	EBR			E 4	11 49 59.0				
APHE	E	0	01 34 58.7	E 0	01 36 11.0				OLT			4	11 50 03.2				
ASMO	E	0	01 35 01.1	E 0	01 35 17.0				ECRI	E	9	11 49 16.8	E 0	11 49 54.8	0.05	0.3	43
ACHM	E	0	01 35 01.2						LPO		9	11 49 24.4	0	11 50 15.2	0.02	0.3	
EALH	E	0	01 35 01.8	E 0	01 35 21.4				LFF		9	11 49 25.8	0	11 50 18.4	0.02	0.3	
ATEJ	E	0	01 35 03.2	E 0	01 35 23.1				CAF		0	11 49 27.1			0.01	0.3	
AAPN	E	0	01 35 06.1	E 0	01 35 30.3				EROQ	E	9	11 49 29.5	E 0	11 50 28.5	0.02	0.3	62
EBAN	E	0	01 35 08.9	E 0	01 35 39.1	0.03	0.2	65	ETOR	E	0	11 49 29.0					60
EVIA	E	0	01 35 09.8	E 0	01 35 41.4	0.05	0.3	70	RJF		4	11 49 36.7	4	11 50 48.2	0.01	0.3	
14 jul 06h 38m 53.7s 43°04'N 00°20'E rms ±0.7s mb 2.5 BAGNERES DE BIGORRE.FR									18 jul 16h 27m 56.3s 41°10'N 02°20'W rms ±0.6s mb 2.5 MEDINACELI.SO								
EPF		0	06 38 53.9						ETOR	I	C	0 16 28 02.6	E 0	16 28 12.6	0.05	0.3	60
VIH		0	06 39 03.2	E 0	06 39 13.4				ECRI	I	0	16 28 22.0	E 0	16 29 04.1	0.08	0.5	45
MLS		0	06 39 03.5	0	06 39 15.0				GUD	E	0	16 28 22.2	E 0	16 29 04.6	0.04	0.4	61
SALF		0	06 39 05.8	0	06 39 21.3				EROQ	E	9	16 28 34.6	E 0	16 29 35.2	0.02	0.3	45
GRBF		0	06 39 09.8	0	06 39 33.9				EBR	E	4	16 28 08.0					
AVN		0	06 39 16.2	E 0	06 39 50.1				19 jul 04h 30m 50.5s 37°01'N 03°42'W 5Km rms ±0.6s mb 3.3 W. PADUL.GR								
LPO		0	06 39 24.0	0	06 40 10.0				APHE	I	0	04 30 51.9	I 0	04 31 45.9			
LFF		4	06 39 29.7	4	06 40 26.6				ATEJ	I	4	04 30 52.2	E 0	04 31 51.7			
SQD		4	06 39 30.0						ACHM	I	0	04 30 53.0	E 0	04 31 48.4			
FONT		9	06 39 31.0	0	06 40 28.0				CRT	I	0	04 30 53.7	I 0	04 31 50.4			
CAF		0	06 39 31.1	0	06 40 28.9				ASMO	E	0	04 30 56.0	E 0	04 31 57.2			
ECRI	E	9	06 39 34.0	E 0	06 40 35.0				ALOJ	I	0	04 30 56.2	E 0	04 31 57.6			
RJF			0 06 40 01.8						AAPN	E	0	04 30 57.9	E 0	04 32 02.4			
LSF			0 06 40 23.2						MAL	I	C	0 04 31 01.0	I 0	04 31 11.0	1.20	0.7	90
15 jul 02h 12m 43.3s 43°08'N 00°29'W rms ±0.6s mb 3.0 IV SARRANCE.FR									ALM	E	0	04 31 08.9	I 4	04 31 29.2			
ESCF	C	0	02 12 44.4	E 0	02 13 29.9				ENIJ	I	C	0 04 31 11.7	E 0	04 31 40.8	0.08	0.4	123
JAU	C	0	02 12 45.0	E 0	02 13 31.5												
ATE	C	0	02 12 46.0	E 0	02 13 34.8												
EPF		0	02 12 54.1	0	02 13 57.5	0.05	0.2										
SALF		0	02 13 06.6	0	02 13 30.2												
AVN		0	02 13 10.8	0	02 13 42.5												
GRBF	D	0	02 13 11.1	4	02 13 44.3												
ECRI	E	9	02 13 14.9	E 0	02 13 50.0	0.07	0.3	68									
LPO		4	02 13 21.0	4	02 14 09.6	0.02	0.3										
LFF		4	02 13 22.4	4	02 14 12.6	0.03	0.3										
MTHF		4	02 13 22.6														
CAF		0	02 13 24.8			0.01	0.3										
EROQ				E 0	02 13 51.8	0.02	0.3	73									
ETOR	E	0	02 13 26.0	E 0	02 14 22.0	0.01	0.4	77									
OLT		9	02 13 28.2	0	02 14 26.7												

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
EBAN	E	0	04 31 11.5						
EPRU				E 0	04 31 29.0		0.09	0.5	125
SRQ	I	4	04 31 15.0						
EHOR	E	0	04 31 17.0	E 0	04 31 51.5		0.07	0.4	123
EVIA	E	0	04 31 22.0	E 0	04 32 07.0		0.12	0.5	150
OJEN	I	4	04 31 23.0						
EVIA	E	0	04 31 30.9				0.03	0.5	113
TOL	E	4	04 31 46.0	I 4	04 33 07.5		0.14	0.9	150
ETOR	E	0	04 31 52.0				0.03	0.6	130
GUD	E	9	04 32 01.0	E 0	04 32 43.5		0.03	0.5	120
MOE					04 32 37.7				
MTE	E	0	04 32 00.0	E 4	04 32 52.5				
MVO					4 04 33 11.0				

19 jul 10h 49m 34.4s 36°38'N 04°26'W 95Km
rms ±0.6s mb 3.0 S. MALAGA

MAL	I	D	0	10 49 46.5	I 4	10 50 41.2	0.49	0.3	58
ATEJ	I	0	10 49 48.4	E 0	10 50 47.5				
ALOJ	I	0	10 49 50.0	I 0	10 50 51.1				
APHE	E	0	10 49 50.5	E 0	10 50 52.8				
ACHM	E	0	10 49 51.2	E 0	10 50 54.4				
AAPN	I	0	10 49 51.7	E 0	10 50 56.2				
EPRU	I	C	0	10 49 51.7	E 0	10 50 55.1	0.02	0.2	68
ASMO	I	0	10 49 53.7	E 0	10 51 01.9				
AFC	I	C	0	10 49 54.0	E 0	10 51 01.5	0.04	0.2	70
EHOR	I	C	0	10 49 58.2	E 0	10 51 14.2	0.06	0.2	83
EBAN	I	C	0	10 50 01.8	E 0	10 50 22.8	0.12	0.2	87
ENIJ	E	0	10 50 03.5	E 0	10 50 28.5		0.01	0.3	67
EVIA	E	0	10 50 07.2	E 0	10 50 38.2		0.03	0.2	60
EVIA	E	0	10 50 13.0	E 0	10 50 54.8		0.05	0.2	80
EPLA	E	0	10 50 29.1	E 0	10 51 39.1				80
GUD	E	0	10 50 34.0						85
ETOR	E	0	10 50 41.2	E 0	10 52 11.7				90

20 jul 20h 24m 50.7s 37°05'N 03°52'W 8Km
rms ±0.5s mb 2.6 VENTAS DE HUELMA.GR

ACHM	I	0	20 24 52.3	E 0	20 25 46.2				
ALOJ	I	0	20 24 53.9	E 0	20 25 51.1				
APHE	I	0	20 24 53.9	E 0	20 25 51.3				
ATEJ	I	0	20 24 54.2	E 0	20 25 51.3				
CRT	E	0	20 24 55.3	E 0	20 25 54.5				
ASMO	E	0	20 24 55.8	E 0	20 25 56.6				
AFC	I	D	0	20 24 56.0	E 0	20 25 56.0	0.23	0.3	65
AAPN	E	0	20 24 56.3	E 0	20 25 57.3				
MAL	I	C	0	20 25 00.8	I 0	20 25 09.8	0.32	0.5	40
EBAN	E	0	20 25 10.2	E 0	20 25 35.0		0.05	0.3	60
EPRU				E 0	20 25 25.2		0.01	0.5	58
ENIJ	E	0	20 25 15.0	E 0	20 25 46.8		0.02	0.4	45
EHOR	E	0	20 25 15.0	E 0	20 25 47.8		0.02	0.3	58
EVIA	E	0	20 25 21.4				0.02	0.4	72
GUD	E	9	20 26 05.2	E 0	20 26 50.6				

22 jul 11h 25m 38.8s 42°54'N 08°28'W 8Km
rms ±0.2s mb 2.4 NE. SANTIAGO.C

STS	I	C	0	11 25 40.6	E 0	11 26 22.4			28
EZAM	E	0	11 25 53.0	E 0	11 26 56.4		0.05	0.2	25
EMON	E	0	11 25 56.9	E 0	11 27 06.7		0.05	0.2	40
ERUA	E	0	11 25 59.0	E 0	11 27 12.5		0.01	0.3	26

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
24 jul 09h 36m 34.8s 38°31'N 00°08'E 14Km rms ±0.5s mb 2.9 S. CABO DE LA NAO									
ACU	I	C	0	09 36 42.9	E 0	09 37 31.9			90
VIV	E	0	09 36 56.5	E 0	09 38 09.0				
EVIA	E	0	09 37 08.1				0.13	0.8	105
ENIJ	E	0	09 37 13.0				0.02	0.6	
ESEL	E	0	09 37 14.5	E 0	09 37 56.7		0.02	0.3	78
EBAN	E	0	09 37 21.6						94
ASMO	E	0	09 37 25.0						
EBR	E	4	09 37 26.0						
AAPN	E	0	09 37 29.0						
TOL	E	4	09 37 41.0	E 4	09 39 06.0				120
EPF	4	09 37 43.7		4	09 39 19.5				
LPO	0	09 38 05.7							
LFF	0	09 38 09.1							
CAF	0	09 38 10.1		0	09 39 32.9				
MAF	0	09 38 27.7							
TCF	0	09 38 27.9							

24 jul 21h 54m 29.7s 43°19'N 03°48'E
rms ±0.5s mb 2.5 S. SETE

PERF	C	0	21 54 49.5						
ETER	I	C	0	21 54 52.8	E 0	21 56 00.8	0.04	0.3	30
LRG	0	21 55 00.3					0.01	0.2	
CAF	0	21 55 03.2							
LMR	9	21 55 05.2		0	21 55 35.1		0.01	0.2	
FRF	9	21 55 07.4		0	21 55 40.9		0.01	0.2	
MLS	4	21 55 07.5		4	21 55 44.0				

24 jul 22h 25m 23.8s 37°33'N 02°45'W
rms ±0.7s mb 2.3 BAZA.GR

AFC	E	0	22 25 36.4	E 0	22 26 22.0		0.01	0.3	50
ENIJ	E	0	22 25 36.6	E 0	22 26 22.4		0.02	0.3	40
ASMO	E	0	22 25 38.5						
APHE	E	0	22 25 41.4						
EBAN	E	0	22 25 42.4	E 0	22 26 38.0		0.03	0.2	50
AAPN	E	0	22 25 44.0	E 4	22 26 46.5				
EVIA	E	0	22 25 44.3						50
ALOJ	E	0	22 25 46.8	E 4	22 26 51.8				
ATEJ				E 4	22 26 06.5				
EHOR	E	0	22 25 59.0						51

25 jul 22h 35m 49.9s 37°03'N 04°02'W 7Km
rms ±0.4s mb 2.4 STA. CRUZ DE ALHAMA.GR

ALOJ	I	0	22 35 51.8	E 0	22 36 45.4				
ATEJ	I	0	22 35 52.6	E 0	22 36 47.7				
ACHM	I	0	22 35 53.2	E 0	22 36 49.2				
AAPN	I	0	22 35 54.5	E 0	22 36 53.2				
APHE	I	0	22 35 54.9	E 0	22 36 54.6				
CRT	E	0	22 35 56.4	E 0	22 36 56.8				
ASMO	E	0	22 35 56.7	E 0	22 36 58.9				
MAL	I	D	0	22 35 57.8	I 0	22 37 01.8			
AFC	I	0	22 35 57.9	E 0	22 37 01.7		0.05	0.2	58
EBAN	I	0	22 36 11.0	E 0	22 36 35.6		0.02	0.2	57
EHOR	E	0	22 36 12.8	E 0	22 36 41.8		0.03	0.3	54
EVIA	E	0	22 36 23.5	E 0	22 37 10.5		0.04	0.5	65

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR		
26 jul 14h 03m 04.1s 36°20'N 04°32'W 70Km rms ±0.8s mb 3.2 S. MALAGA									31 jul 23h 06m 38.6s 36°39'N 03°04'W 11Km rms ±0.6s mb 3.1 S. ADRA										
MAL	I	C	0	14 03 15.7	I	0	14 03 39.7	0.89 0.4	53	APHE	I	0	23 06 49.6	I	0	23 07 47.4			
ATEJ	E	0	14 03 18.4	E	0	14 03 47.1				AFC	I	C	0	23 06 50.4		0.18 0.3	80		
APHE	E	0	14 03 20.7	E	0	14 03 52.9				CRT	E	0	23 06 51.1						
ALOJ	E	0	14 03 21.3	E	0	14 03 54.0				ENIJ	I	C	0	23 06 52.0	E	0	23 07 53.0	0.18 0.3	85
EJIF	I	C	0	14 03 21.3			0.17 0.4	100		ACHM	I	0	23 06 52.7	E	0	23 07 55.0			
ACHM	E	0	14 03 22.0	E	0	14 03 56.4				ATEJ	I	0	23 06 53.6	I	0	23 07 57.5			
EPRU	I	C	0	14 03 22.2	E	0	14 03 54.2	0.07 0.3	103	ASMO	I	0	23 06 54.6	E	0	23 08 01.2			
AAPN	E	0	14 03 23.9	E	0	14 04 01.5				ALOJ	I	0	23 06 56.3	I	0	23 08 04.5			
ASMO	E	0	14 03 25.8	E	0	14 04 06.5				AAPN	I	0	23 06 57.7	E	0	23 08 09.2			
AFC	I	C	0	14 03 26.1	E	0	14 04 07.1	0.03 0.2	94	MAL	E	0	23 06 57.8	I	0	23 08 09.3	0.20 0.6	57	
EHOR	I	0	14 03 30.0	E	0	14 04 18.5	0.12 0.3	100	EBAN	I	C	0	23 07 06.4	E	0	23 07 32.6	0.08 0.3	80	
EMEL	E	0	14 03 30.0	E	0	14 04 19.2			EALH	E	0	23 07 08.0							
EBAN	I	C	0	14 03 34.2	E	0	14 04 30.2	0.15 0.2	105	EVIA	E	9	23 07 13.3	E	0	23 07 50.6	0.10 0.5	80	
ENIJ	E	0	14 03 35.0	E	0	14 04 32.8	0.02 0.3	72	EHOR	E	9	23 07 16.3	E	0	23 07 58.9	0.03 0.4	79		
EVIA	I	0	14 03 37.8	E	0	14 04 40.3	0.06 0.3	95	TOL	E	4	23 07 49.0	I	4	23 09 10.0		65		
FIG	I	C	0	14 03 46.5	I	0	14 05 03.5			ETOR	E	0	23 07 43.0						
EVIA	E	0	14 03 46.8	E	0	14 05 03.9	0.06 0.3	100	GUD	E	9	23 07 55.6	E	0	23 07 57.6	0.01 0.5			
IFR	I	0	14 03 47.0	I	0	14 05 06.0			01 ago 14h 59m 58.4s 37°47'N 04°38'W rms ±0.5s mb 3.1 SANTA CRUZ.CO										
MOE	E	0	14 03 59.8	I	0	14 05 39.3			EHOR	I	D	0	15 00 07.0	E	0	15 00 20.7	0.09 0.2	30	
ECHE	E	0	14 04 06.6	E	0	14 05 00.6			AAPN	I	0	15 00 09.5	I	0	15 00 27.5		45		
GUD	E	0	14 04 07.0				0.01 0.3	110	EBAN	E	0	15 00 12.5	E	0	15 00 35.5	0.04 0.2			
AVE	E	4	14 04 13.0	I	0	14 04 56.0			ALOJ	I	0	15 00 12.9	E	0	15 00 37.1		45		
MTE				0	14 05 03.5				ASMO	I	0	15 00 13.5	I	0	15 00 37.0		45		
ETOR	I	C	0	14 04 14.6	E	0	14 05 21.1	0.01 0.3	110	ATEJ	E	0	15 00 16.0	E	0	15 00 46.5		45	
TAF				E	0	14 04 07.0			ACHM	E	0	15 00 16.5					45		
MVO	E	0	14 04 19.2	E	4	14 05 33.2			APHE	I	0	15 00 18.2	E	0	15 00 53.2		45		
TIO	I	0	14 04 28.0	I	0	14 05 58.5			EVIA	E	0	15 00 50.0	E	0	15 00 50.0	0.02 0.3	45		
ERUA	E	0	14 04 35.9	E	0	14 04 41.3			GUD	E	9	15 00 52.5	E	0	15 02 19.1				
TOL	E	4	14 04 36.0	E	4	14 05 32.0			02 ago 11h 48m 29.5s 37°59'N 06°21'W rms ±0.4s mb 3.0 CALA.H										
28 jul 11h 51m 15.7s 36°50'N 05°07'W 9Km rms ±0.5s mb 2.4 ARRIATE.MA									EHOR	I	C	0	11 48 38.8	E	0	11 49 24.4	0.09 0.4	50	
EPRU	I	C	0	11 51 18.4	E	0	11 51 40.3	0.30 0.3	56	EHOR	E	0	11 48 45.3	E	0	11 49 43.4	0.10 0.4	60	
EJIF	E	0	11 51 24.5	E	0	11 51 55.5	0.09 0.5	50	EPRU	E	0	11 48 54.4	E	0	11 50 06.0		47		
MAL	I	C	0	11 51 26.3					EBAN	E	0	11 49 02.8				0.02 0.3	55		
ALOJ	E	0	11 51 31.2	E	4	11 52 16.3			MTE	E	9	11 49 19.0	E	0	11 50 09.5				
AAPN	E	0	11 51 32.1	E	0	11 52 18.1			04 ago 16h 19m 13.8s 41°45'N 02°37'E rms ±0.6s mb 2.1 HOSTALRICH.GE										
ATEJ	E	0	11 51 32.2	E	4	11 52 19.1			FONT		0	16 19 15.7		0	16 19 33.0				
EHOR	E	0	11 51 32.8	E	0	11 52 20.1	0.05 0.3	45	SQD	D	0	16 19 17.6		0	16 19 39.7				
ACHM	E	0	11 51 34.0						OLT		0	16 19 21.4							
APHE	E	0	11 51 36.8	E	4	11 52 31.2			ETER	E	0	16 19 24.0	E	0	16 19 56.0	0.01 0.4			
ASMO	E	0	11 51 37.2	E	0	11 52 32.2			MRB		0	16 19 25.2	E	0	16 19 58.9				
AFC	E	0	11 51 39.2	E	0	11 52 35.2	0.01 0.4	45	MTHF		0	16 19 36.1							
EVIA	E	0	11 51 41.6	E	0	11 52 42.6	0.02 0.4		GRBF		0	16 19 39.3							
EBAN	E	0	11 51 44.2	E	0	11 52 49.2	0.02 0.3	45	AVN		9	16 19 40.2	E	0	16 20 39.9				
28 jul 13h 11m 44.5s 38°15'N 05°08'W rms ±0.6s mb 2.4 BELMEZ.CO									28 jul 13h 11m 44.5s 38°15'N 05°08'W rms ±0.6s mb 2.4 BELMEZ.CO										
EHOR	I	C	0	13 11 51.6	E	0	13 12 49.4	0.08 0.3	45	EHOR	I	C	0	13 11 51.6	E	0	13 12 49.4	0.08 0.3	45
EBAN	I	0	13 12 03.0	E	0	13 12 21.0	0.03 0.2	48	EBAN	I	0	13 12 03.0	E	0	13 12 21.0	0.03 0.2	48		
AAPN	E	0	13 12 06.4	E	0	13 12 30.4			AAPN	E	0	13 12 06.4	E	0	13 12 30.4				
EPRU	E	0	13 12 08.3	E	0	13 12 34.3			EPRU	E	0	13 12 08.3	E	0	13 12 34.3				
ASMO	E	0	13 12 09.0	E	0	13 12 37.5			ASMO	E	0	13 12 09.0	E	0	13 12 37.5				
ALOJ	E	0	13 12 09.5						ALOJ	E	0	13 12 09.5							
EVIA	E	0	13 12 10.0	E	0	13 12 39.8	0.02 0.4	34	EVIA	E	0	13 12 10.0	E	0	13 12 39.8	0.02 0.4	34		
AFC	E	0	13 12 13.0	E	0	13 12 47.0			AFC	E	0	13 12 13.0	E	0	13 12 47.0				
ATEJ	E	0	13 12 13.5						ATEJ	E	0	13 12 13.5							
APHE	E	0	13 12 15.0	E	4	13 12 53.5			APHE	E	0	13 12 15.0	E	4	13 12 53.5				
EVIA	E	9	13 12 23.4	E	0	13 13 13.7		46	EVIA	E	9	13 12 23.4	E	0	13 13 13.7		46		
GUD	E	9	13 12 29.0	E	0	13 13 29.0		54	GUD	E	9	13 12 29.0	E	0	13 13 29.0		54		

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
04 ago 20h 37m 47.3s 35°16'N 03°48'W rms ±0.4s mb 3.0 E. ALHUCEMAS									04 ago 20h 37m 47.3s 35°16'N 03°48'W rms ±0.4s mb 3.0 E. ALHUCEMAS								
EMEL	I	0	20 37 59.4	E 0	20 39 09.3			50	ENIJ	E	0	04 33 31.8	E 0	04 34 29.8	0.04	0.5	120
NKM	I	0	20 38 11.0	I 0	20 38 41.0				OJEN	I	4	04 33 34.0					
EJIF	E	0	20 38 17.7	E 0	20 38 57.8	0.01	0.4	73	AFC	E	0	04 33 34.1			0.01	0.4	112
AFC	E	0	20 38 20.3					66	LIJA	I	4	04 33 38.5			0.01	0.4	
IFR	I	4	20 38 24.0	I 0	20 39 11.0				EPRU	E	0	04 33 36.9	E 0	04 34 40.7	0.07	0.8	122
EHOR	E	0	20 38 31.4						CNIL	I	4	04 33 39.0					
AVE	E	4	20 38 46.0	I 0	20 40 10.0				GIBL	I	4	04 33 41.5					
05 ago 08h 33m 23.2s 42°55'N 00°37'W 2Km rms ±0.5s mb 2.9 LESCUN.FR									05 ago 08h 33m 23.2s 42°55'N 00°37'W 2Km rms ±0.5s mb 2.9 LESCUN.FR								
LHE	C	0	08 33 23.1	E 0	08 33 47.2				EHOR	E	0	04 33 45.5					100
ISSF	C	0	08 33 25.8	E 0	08 33 54.9				RBA	E	4	04 33 48.0	E 0	04 35 08.0			
ESCF	C	0	08 33 26.1	E 0	08 33 55.4				EVAL	E	0	04 33 52.0	E 0	04 35 25.4	0.01	0.4	111
EPF	0	08 33 36.4	0	08 34 22.4	0.04	0.2			AVE	I	0	04 33 54.2	I 0	04 35 31.2			
VIH	0	08 33 41.5	0	08 34 38.3					PAB	E	0	04 34 04.7	E 0	04 35 01.7			150
ECRI	E	0	08 33 48.7	E 0	08 34 55.9	0.03	0.3	50	TOL	E	4	04 34 11.5	E 4	04 35 19.5	0.02	1.0	170
AVN	0	08 33 49.4	0	08 34 58.9					TIO	I	0	04 34 17.6	I 0	04 35 33.6			
ETOR	E	0	08 34 01.5	E 0	08 34 31.5				GUD	E	0	04 34 21.0					
LPO	9	08 34 02.3	0	08 34 30.9	0.01	0.3			11 ago 03h 11m 27.9s 37°37'N 03°50'W 29Km rms ±0.3s mb 2.8 VALDEPEÑAS DE JAEN.J								
EROQ	E	9	08 34 03.1	E 0	08 34 33.6	0.02	0.4	54	ASMO	I	9	03 11 29.6	I 0	03 12 04.6			
LEFF	9	08 34 03.8	0	08 34 34.4	0.01	0.3			AAPN	I	9	03 11 30.0	I 0	03 12 05.5			
EBR				E 4	08 34 32.0				ALOJ	I	9	03 11 32.7	E 0	03 12 13.7			
MRB	9	08 34 03.8	0	08 34 36.0					AFC	E	0	03 11 36.2	E 0	03 12 19.5			
OLT	9	08 34 09.0	0	08 34 47.3					APHE	E	9	03 11 36.4	E 0	03 12 22.4			
05 ago 10h 26m 06.5s 34°56'N 05°32'W 26Km rms ±0.8s mb 3.0 OUEZZANE.MAC									11 ago 03h 11m 27.9s 37°37'N 03°50'W 29Km rms ±0.3s mb 2.8 VALDEPEÑAS DE JAEN.J								
NKM	I	0	10 26 16.9	I 0	10 26 40.9				EBAN	I	0	03 11 38.4	E 0	03 12 25.0	0.04	0.2	28
OJEN	E	0	10 26 26.0						ATEJ	E	4	03 11 43.0					
SRQ	E	0	10 26 29.0						EHOR	E	0	03 11 46.6	E 0	03 12 47.6			25
RBA	I	0	10 26 29.0	I 0	10 27 17.0				11 ago 10h 47m 26.9s 36°35'N 01°38'E rms ±0.8s mb 3.3 N. DAMOUS								
IFR	I	0	10 26 30.5	I 4	10 27 21.0				ACU	E	0	10 48 07.3	E 0	10 48 45.3	0.06	0.3	90
EJIF	E	0	10 26 30.7	E 0	10 27 20.0	0.04	0.6	100	EALH	E	0	10 48 10.0					
ALJ	E	0	10 26 33.0						ENIJ	E	9	10 48 13.0	E 0	10 49 03.0	0.09	0.5	100
GIBL	E	4	10 26 39.0						ESEL	E	0	10 48 17.8	E 0	10 49 16.8	0.04	0.4	110
AVE	I	4	10 26 39.0	I 0	10 27 46.0				ECHE	E	0	10 48 23.6	E 0	10 49 30.6	0.04	0.4	180
EPRU	E	4	10 26 44.0	E 0	10 27 02.0			92	APHE	I	9	10 48 24.5	E 0	10 49 38.0			
LIJA	E	4	10 26 44.0						EVIA	E	0	10 48 25.9	E 0	10 49 36.7	0.05	0.4	125
TAF	E	0	10 26 44.0	E 4	10 28 04.0				ATEJ	E	9	10 48 28.0	E 0	10 49 47.2			
EVAL	E	0	10 26 48.2	E 0	10 28 06.9	0.02	0.3	70	ALOJ	E	9	10 48 30.0	E 0	10 49 53.5			
EHOR	E	0	10 26 49.7	E 0	10 28 12.2				AAPN	I	9	10 48 30.0	I 0	10 49 54.5			
FIG	E	0	10 26 51.0	E 0	10 28 12.4				EROQ	E	0	10 48 33.0	E 0	10 49 54.5	0.03	0.3	120
EBAN	E	0	10 26 58.5	E 0	10 28 37.4			75	EBR	E	0	10 48 33.0	E 0	10 49 55.0			
TIO	I	0	10 27 07.7	I 4	10 27 58.2				ASMO	E	4	10 48 36.0	E 4	10 49 54.0			
MOE	E	0	10 27 10.0	I 0	10 28 04.0				EBAN	E	0	10 48 36.0	E 0	10 50 04.0	0.02	0.3	
MVO	E	0	10 27 38.0	0	10 27 43.5				ACHM	E	4	10 48 37.0					
MTE				0	10 28 30.0				ALM	E	4	10 48 45.1	E 4	10 49 38.2			
06 ago 04h 32m 58.2s 35°09'N 03°32'W rms ±0.8s mb 3.1 TIZIRHINE.MAC									11 ago 10h 47m 26.9s 36°35'N 01°38'E rms ±0.8s mb 3.3 N. DAMOUS								
EMEL	I	C 0	04 33 07.1	E 0	04 33 21.1			130	ETOR	E	9	10 48 45.8	E 0	10 48 48.8			
TAF	I	0	04 33 16.0	I 4	04 33 47.4				AVN	0	10 48 47.0						
NKM	I	0	04 33 25.5	I 4	04 34 06.5				OLT	0	10 48 51.0						
SRQ	I	4	04 33 29.0						TOL	E	0	10 48 51.0	E 4	10 49 59.0			140
MAL	E	4	04 33 30.0	I 4	04 34 25.0	0.18	0.6	106	GUD	E	0	10 48 57.8					
IFR	I	0	04 33 32.5	I 0	04 34 32.5				IFR	I	0	10 49 02.0					
EJIF	E	0	04 33 31.0	E 0	04 34 28.5	0.06	0.4	140	EPF	0	10 49 04.0	0	10 50 20.7				
									LMR	0	10 49 19.1	0	10 49 22.1				
									LRG	0	10 49 20.0	4	10 49 27.3				
									FRF	0	10 49 24.5	4	10 49 32.8	0.01	0.5		
									LPO	0	10 49 25.5						

EST I/E W HORA P I/E W HORA S AMP PER DUR

12 ago 04h 12m 53.9s 35°18'N 03°49'W
rms ±0.8s mb 3.5 E. ALHUCEMAS

EMEL I	0	04	13	06.2	E 0	04	13	22.4			117
TAF I	4	04	13	14.0	I 4	04	13	39.6			
MAL E	0	04	13	19.5	I 4	04	13	56.5	0.28	0.8	116
ATEJ I	0	04	13	20.5	E 4	04	13	59.2			
APHE I	0	04	13	20.7	E 0	04	14	03.3			
EJIF E	0	04	13	23.2	E 0	04	14	10.2	0.10	0.4	150
ALOJ I	0	04	13	24.0	E 0	04	14	09.7			
OJEN I	4	04	13	24.0							
ACHM I	0	04	13	24.2							
ENIJ E	9	04	13	26.6	E 0	04	14	18.8	0.06	0.4	125
ALM E	0	04	13	26.7	E 0	04	14	15.5			
AFC E	0	04	13	27.3	E 0	04	14	18.1	0.03	0.4	138
AAPN I	0	04	13	28.1							
IFR I	0	04	13	28.5	I 4	04	14	18.5			
CNIL I	4	04	13	29.0							
ASMO I	0	04	13	29.1							
EPRU E	0	04	13	28.4					0.10	1.0	135
CRT E	4	04	13	31.0							
MOMI I	4	04	13	32.0							
EHOR E	0	04	13	38.0	E 0	04	14	49.4	0.03	0.5	130
EBAN E	0	04	13	40.0	E 0	04	14	53.6	0.03	0.4	135
EVAL E	0	04	13	43.6	E 0	04	15	06.6	0.02	0.4	120
EVIA					E 0	04	14	30.0	0.09	0.8	137
AVE I	4	04	13	56.5	I 4	04	15	32.5			
PAB E	0	04	13	58.5	E 4	04	15	29.5			
TOL E	0	04	14	02.0	E 0	04	14	57.0	0.02	1.1	170
MOE E	0	04	14	07.0	E 0	04	15	09.0			
MTE E	9	04	14	14.5	E 0	04	15	34.0			
GUD E	0	04	14	13.3	E 0	04	15	25.5			
ETOR E	0	04	14	18.8							
TIO I	0	04	14	12.0	I 4	04	15	17.0			
MVO	0	04	14	28.0		0	04	16	06.0		
FIG						0	04	14	33.0		
ERUA E	0	04	14	43.9							

16 ago 11h 29m 20.3s 39°06'N 00°15'W 5Km
rms ±0.4s mb 3.0 TABERNES D VALLDIGNA.V

ACU E	0	11	29	31.2	E 0	11	30	10.6	0.06	0.3	63
VIV E	0	11	29	32.5	E 0	11	30	15.5			
EVIA E	0	11	29	50.0	E 0	11	31	04.0	0.05	0.4	100
EROQ E	0	11	29	50.7	E 0	11	31	04.1	0.02	0.3	57
EBR					E 4	11	30	12.0			
ETOR E	9	11	30	03.8	E 0	11	30	35.2	0.02	0.4	69
TOL E	4	11	30	22.0	E 4	11	31	18.0	0.01	0.8	95

16 ago 23h 28m 09.8s 42°14'N 01°20'E
rms ±0.7s mb 2.8 ORGANYA.L

SALF D	0	23	28	18.7		0	23	28	45.7		
AVN		0	23	28	19.8		0	23	28	48.4	
GRBF D	0	23	28	20.1		0	23	28	50.6		
MRB		0	23	28	22.7						
LESF		0	23	28	24.0		0	23	28	59.4	
SQD		0	23	28	25.7		0	23	29	05.1	
FONT		0	23	28	26.0		4	23	29	08.0	
EPF		0	23	28	28.9						
ETER E	0	23	28	30.7	E 0	23	29	17.1	0.04	0.4	26
EROQ E	9	23	28	38.6	E 0	23	29	38.8	0.01	0.3	35
LPO		0	23	28	50.0						
CAF		0	23	28	54.3				0.01	0.3	
LFF		0	23	28	54.7				0.01	0.3	

EST I/E W HORA P I/E W HORA S AMP PER DUR

17 ago 13h 19m 01.6s 35°08'N 09°08'W 30Km
rms ±0.8s mb 3.5 ATLANTICO

FAR						0	13	20	00.0		
FIG E	0	13	19	36.5	I 0	13	20	39.0			
AVE E	0	13	19	38.5	I 0	13	20	41.0			
EVAL I	0	13	19	48.0	E 0	13	21	10.3	0.05	0.3	88
ALJ I	0	13	19	50.0							
MOMI I	4	13	19	52.0							
MOE E	0	13	19	52.5	I 0	13	21	23.5			
LIJA I	0	13	19	53.0							
LIS					I 4	13	20	31.1			
EJIF					E 0	13	20	26.0			85
IFR I	0	13	19	56.0	I 0	13	21	31.0			
EPRU					E 0	13	20	37.0			
EHOR E	0	13	20	02.0	E 0	13	20	48.7	0.02	0.3	95
OJEN I	4	13	20	02.0							
SRQ I	4	13	20	04.0							
TIO I	0	13	20	06.5	I 0	13	21	02.0			
ALOJ E	4	13	20	09.6	E 4	13	21	04.6			
ATEJ E	4	13	20	10.0	E 4	13	21	09.0			
AAPN I	0	13	20	10.0	I 0	13	21	09.5			
MTE I	0	13	20	13.5	I 0	13	21	24.7			
APHE E	4	13	20	13.7	E 4	13	21	21.2			
ASMO E	0	13	20	14.2	E 4	13	21	23.2			
EBAN E	0	13	20	17.5	E 0	13	21	31.5	0.04	0.2	
EPLA I	0	13	20	21.0	E 0	13	21	41.5	0.02	0.3	95
MVO E	0	13	20	31.0	I 4	13	22	07.0			
EVIA E	0	13	20	32.2	E 0	13	20	33.7	0.03	0.2	115
GUD I	0	13	20	38.6	E 0	13	20	49.6			120
EZAM E	0	13	20	41.0							
ERUA I	0	13	20	47.0							
ETOR E	0	13	20	55.3	E 0	13	21	35.3			108

18 ago 11h 06m 26.2s 35°11'N 03°53'W
rms ±0.5s mb 3.0 ALHUCEMAS.MAC

EMEL I	0	11	06	40.3	E 0	11	07	30.5			48
OJEN E	4	11	06	43.0							
TAF I	0	11	06	49.0	I 0	11	07	55.0			
SRQ E	4	11	06	52.0							
MAL E	0	11	06	53.5	I 0	11	08	08.5			
EJIF E	0	11	06	57.0	E 0	11	08	18.0	0.03	0.5	
AFC E	0	11	07	01.6	E 0	11	07	28.6	0.02	0.5	
IFR I	4	11	07	03.0	I 0	11	07	27.0			
EHOR E	0	11	07	11.8							
EBAN E	0	11	07	13.0	E 0	11	08	03.0			
EVAL E	0	11	07	17.9	E 0	11	08	13.9	0.01	0.4	
AVE I	4	11	07	31.0	I 4	11	08	45.0			
TIO E	4	11	07	45.0	E 4	11	09	22.0			

20 ago 09h 53m 51.2s 39°18'N 08°29'W
rms ±0.5s mb 3.2 CHAMUSCA.PORT

MTH E	0	09	54	04.0	E 4	09	54	14.0			
COI I	0	09	54	07.6	I 0	09	54	28.0			
MTE I	0	09	54	09.7	I 0	09	54	38.0			
LIS					E 4	09	54	30.0			
MVO E	0	09	54	25.0	I 4	09	55	23.0			
PTO E	9	09	54	25.3	E 0	09	55	13.3			
EPLA					E 0	09	54	49.0	0.04	0.2	64
EVAL E	9	09	54	33.2	E 0	09	55	33.8	0.02	0.3	70
FIG					E 4	09	55	04.5			
FAR					E 4	09	55	06.5			

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
PAB	I	4	09 55 19.5	E	4	09 55 55.5			
TOL				E	4	09 55 40.0			
EHOR	E	0	09 54 37.5	E	0	09 55 49.1	0.03	0.4	
GUD		0	09 54 46.8	E	0	09 56 14.0	0.01	0.4	
EBAN		0	09 54 50.0	E	0	09 56 24.0	0.01	0.3	

22 ago 02h 18m 05.0s 38°07'N 00°04'E 10Km
rms ±0.8s mb 3.1 MEDITERRANEO

ACU	I	C	0	02 18 14.8	E	0	02 18 37.6		90
VIV	E		0	02 18 30.0	E	0	02 19 20.0		90
ECHE	E		0	02 18 32.8	E	0	02 19 26.8	0.09	0.5 100
EVIA	I	C	0	02 18 39.0	E	0	02 19 41.8	0.06	0.5 120
ENIJ	E		0	02 18 39.2	E	0	02 19 43.2		90
ESEL	E		0	02 18 48.7	E	0	02 20 08.7		70
EBAN	E		0	02 18 51.3	E	0	02 20 19.1		
ASMO	E		4	02 18 55.0	E	4	02 20 26.5		
APHE	E		4	02 18 58.0					
AAPN	E		0	02 18 58.5					
ALOJ	E		0	02 18 59.5					
ETOR	E		9	02 19 03.8	E	0	02 19 45.4	0.01	0.4
GUD	E		0	02 19 07.0					
PAB	I		4	02 19 15.5	I	4	02 20 17.5		130
TOL	E		4	02 19 13.0	E	4	02 20 12.0		

22 ago 07h 06m 37.6s 35°14'N 03°47'W
rms ±0.8s mb 3.6 E. ALHUCEMAS

TAF	I		0	07 06 59.0	E	4	07 08 19.0		
SRQ	I		0	07 07 05.0					
ATEJ			0	07 07 05.3	E	4	07 07 28.8		
MAL	I		0	07 07 06.0	I	4	07 07 27.5	0.38	0.7 130
APHE					E	4	07 07 27.0		
EJIF	E		0	07 07 07.3				0.15	0.5 175
ALOJ			0	07 07 08.7	E	4	07 07 37.1		
ACHM			0	07 07 09.0	E	4	07 07 38.3		
OJEN	I		4	07 07 09.5					
MOMI	I		0	07 07 11.0					
IFR	I		0	07 07 11.5	I	0	07 07 49.5		
AAPN			0	07 07 11.7	E	4	07 07 46.4		
ENIJ	E		0	07 07 12.0	E	0	07 07 53.0	0.06	0.4
CRT					E	0	07 07 34.5		
AFC	E		0	07 07 11.8	E	0	07 07 48.8	0.07	0.5 140
ALJ	I		0	07 07 13.0					
LIJA	I		0	07 07 13.0					
ASMO			0	07 07 13.4					
EPRU	I		0	07 07 14.0	E	0	07 07 52.5	0.06	0.5 145
GIBL	I		0	07 07 15.0					
ALM	E		4	07 07 16.2	E	4	07 07 48.0		
EHOR	E		0	07 07 23.2	E	0	07 08 21.0	0.05	0.5 140
EBAN	E		0	07 07 24.0	E	0	07 08 22.5	0.05	0.5 130
EVAL	E		0	07 07 29.0	E	0	07 08 37.0	0.03	0.4 150
EVIA	E		0	07 07 34.0	E	0	07 08 48.5	0.05	0.4 180
FIG	E		4	07 07 38.2	E	0	07 08 58.7		
AVE	E		4	07 07 39.5	I	4	07 08 50.0		
PAB	E		0	07 07 44.0	E	4	07 09 14.0		
TOL	I		4	07 07 51.0	I	0	07 07 51.0		160
MOE	E		0	07 07 52.5	I	0	07 07 59.8		
TIO	I		0	07 07 55.0	I	0	07 08 09.0		
EPLA	E		0	07 07 55.0	E	0	07 08 08.0		
GUD	E		0	07 07 58.5	E	0	07 08 17.0	0.03	0.7
MTE	E		9	07 07 59.2	E	0	07 08 23.7		

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
ETOR	E		0	07 08 04.5					
MVO	E		0	07 08 13.0	I	0	07 09 36.6		
FAR						0	07 08 22.0		
ERUA	E		0	07 08 28.8					
COI					I	4	07 09 13.6		

22 ago 14h 49m 57.5s 37°20'N 09°32'E
rms ±0.5s mb 3.5 BECHATEUR.TUNS

CVF			0	14 51 16.7		0	14 52 31.5	0.03	0.6
ESEL	E		0	14 51 23.0	E	0	14 52 49.0	0.04	0.4 110
LMR			0	14 51 32.0		0	14 51 33.2	0.01	0.2
LRG			0	14 51 34.0		0	14 51 41.0	0.01	0.2
FRF			0	14 51 34.9		0	14 51 42.4		
SBF			0	14 51 35.3		0	14 51 44.9		
EBR	E		0	14 51 51.0					
EROQ	E		0	14 51 52.0	E	0	14 52 32.0		115
ACU	E		0	14 51 53.0	E	0	14 52 33.0	0.02	0.6 110
ECHE	E		0	14 52 01.8					130
EALH	E		0	14 52 03.6					
EPF			0	14 52 08.7		4	14 52 18.9		
EVIA	E		0	14 52 16.4					155
AFC	E		0	14 52 27.5					

23 ago 05h 30m 59.2s 34°33'N 05°20'W 10Km
rms ±1.0s mb 3.5 KARIAT BA MOHAMED.MAC

NKM	I		0	05 31 15.0	I	0	05 31 42.5		
IFR	I		0	05 31 17.8	I	0	05 31 48.8		
RBA	I		0	05 31 22.5	I	0	05 32 04.5		
OJEN	I		0	05 31 27.0					
CNIL	I		4	05 31 28.0					
SRQ	I		0	05 31 29.0					
EJIF	E		0	05 31 31.2	E	0	05 32 25.6	0.13	0.9 155
EMEL	E		0	05 31 34.6	E	0	05 32 33.5		100
MOMI	I		4	05 31 35.0					
ALJ	I		0	05 31 35.5					
GIBL	I		0	05 31 35.5					
AVE	I		0	05 31 35.5	I	0	05 32 35.5		
LIJA	I		0	05 31 36.0					
TAF	E		0	05 31 37.0	I	0	05 32 43.0		
EPRU	E		0	05 31 37.9				0.03	0.6 120
MAL	E		4	05 31 38.5	I	0	05 32 43.5		
ATEJ	E		0	05 31 39.0	E	0	05 32 50.0		
APHE	E		0	05 31 41.0	E	0	05 32 54.4		
ALOJ	E		0	05 31 42.4					
ACHM	E		0	05 31 42.5					
AAPN	E		0	05 31 46.0	E	0	05 33 06.5		
ASMO	E		0	05 31 48.5	E	0	05 33 11.5		
EHOR	E		0	05 31 48.5	E	0	05 33 14.7	0.02	0.3 115
EVAL	E		0	05 31 50.0	E	0	05 33 14.4	0.02	0.3
EBAN	E		0	05 31 56.2	E	0	05 31 56.2	0.02	0.3 110
TIO	I		0	05 31 57.5	I	0	05 32 00.5		
EVIA	E		0	05 32 09.0	E	0	05 33 10.2	0.01	0.3 140
MTE	E		9	05 32 22.5	E	0	05 33 50.5		
FIG						0	05 32 26.5		
FAR						0	05 32 28.0		
ETOR	E		0	05 32 36.5	E	0	05 32 47.5		105
MVO	E		0	05 32 37.5		4	05 32 46.0		
ERUA	E		0	05 32 54.1					

EST I/E W HORA P I/E W HORA S AMP PER DUR

23 ago 06h 28m 53.9s 34°32'N 05°18'W 10Km
rms ±0.6s mb 3.0 KARIAT BA MOHAMED.MAC

NKM I	0	06	29	11.0	E 0	06	29	33.0			
IFR I	0	06	29	12.0	E 0	06	29	38.5			
RBA I	0	06	29	17.5	E 0	06	29	53.5			
EJIF E	0	06	29	25.9	E 0	06	30	16.3			
AVE E	0	06	29	28.5	E 4	06	30	26.4			
EHOR					E 0	06	30	21.4			
EBAN					E 0	06	30	35.0			

23 ago 06h 45m 51.7s 34°32'N 05°24'W 15Km
rms ±0.5s mb 2.9 KARIAT BA MOHAMED.MAC

NKM I	0	06	46	08.7	E 0	06	46	29.2			
IFR I	0	06	46	10.0	I 0	06	46	34.0			
RBA I	0	06	46	15.0	I 0	06	46	45.5			
EJIF E	0	06	46	23.0	E 0	06	47	08.3			90
AVE I	0	06	46	24.0	I 0	06	47	14.0			
TIO I	4	06	46	53.0	I 0	06	48	28.0			

23 ago 08h 09m 40.7s 34°33'N 05°26'W 10Km
rms ±0.8s mb 3.4 KARIAT BA MOHAMED.MAC

NKM I	0	08	09	57.0	I 0	08	11	05.5			
IFR I	0	08	09	59.0	I 0	08	11	13.0			
RBA I	0	08	10	02.5	I 0	08	10	24.0			
OJEN I	0	08	10	08.5							
SRQ I	0	08	10	10.0							
MOMI I	0	08	10	10.0							
EJIF E	0	08	10	12.8					0.07	0.8	90
AVE I	0	08	10	13.5	I 4	08	10	55.5			
CNIL I	4	08	10	14.0							
EMEL E	0	08	10	16.0							
EPRU E	0	08	10	19.6	E 0	08	11	07.6			
ATEJ E	0	08	10	20.5	E 4	08	11	11.0			
MAL					I 4	08	10	50.0			
TAF E	0	08	10	22.0	E 0	08	11	12.0			
APHE E	4	08	10	22.0	E 4	08	11	14.0			
ALOJ E	0	08	10	23.8							
AAPN E	0	08	10	27.2	E 0	08	11	27.2			
EVAL E	0	08	10	29.0	E 0	08	11	35.0	0.01	0.5	78
EHOR E	0	08	10	31.5	E 0	08	11	40.5			75
EBAN					E 0	08	11	22.6			
TIO I	0	08	10	39.5	E 0	08	12	04.5			
EVIA E	0	08	10	50.0	E 0	08	10	53.0			

25 ago 14h 45m 56.1s 43°02'N 00°29'W
rms ±0.8s mb 3.2 BIELLE.FR

ESCF	C 0	14	45	57.0	E 0	14	46	55.8			
ATE	D 0	14	45	58.5	E 0	14	46	59.8			
ISSF	0	14	46	00.2	E 0	14	46	04.5			
EPF	0	14	46	06.0							
VIH	9	14	46	13.9							
AVN	9	14	46	24.2							
ECRI E	0	14	46	24.6	E 0	14	47	08.6	0.06	0.3	55
LPO	9	14	46	32.2							
LFF	9	14	46	32.8							
EROQ E	0	14	46	33.3	E 0	14	47	36.5	0.05	0.3	70
ETOR E	0	14	46	37.5	E 0	14	47	44.0	0.01	0.3	70

EST I/E W HORA P I/E W HORA S AMP PER DUR

OLT	9	14	46	40.0	4	14	47	51.0			
EBR E	9	14	46	40.0	E 4	14	47	51.0			
CAF	9	14	46	43.0	4	14	48	00.6			
RJF	9	14	46	43.5	0	14	48	01.1			
ETER E	9	14	46	45.5	E 0	14	48	02.5	0.02	0.4	50

27 ago 12h 06m 01.5s 42°07'N 06°51'W
rms ±0.6s mb 2.9 ALLARIZ.OR

ERUA I	0	12	06	08.0	E 0	12	06	20.0	0.04	0.2	25
MVO I	D 0	12	06	18.5							
EMON I	0	12	06	26.3	E 0	12	07	10.3	0.08	0.2	56
EZAM					E 0	12	06	44.2	0.02	0.3	
STS E	0	12	06	28.6	E 0	12	07	15.6	0.02	0.3	32
MTE											
EPLA E	9	12	06	44.0	E 0	12	07	53.0	0.02	0.2	

28 ago 03h 56m 12.2s 38°44'N 05°50'W
rms ±0.5s mb 3.4 QUINTANA LA SERENA.BA

EHOR I	0	03	56	31.0	E 0	03	57	15.5	0.08	0.3	70
EVAL E	0	03	56	37.0	E 0	03	57	31.5	0.05	0.3	55
EPLA I	0	03	56	37.0	E 0	03	57	31.3	0.11	0.3	63
EBAN E	0	03	56	41.5	E 0	03	57	46.0	0.05	0.2	75
PAB E	4	03	56	40.5	I 4	03	57	39.0			80
MTE I	C 9	03	56	44.0							
AAPN E	4	03	56	49.0	I 4	03	58	04.4			
ALOJ E	4	03	56	51.5							
EVIA E	0	03	56	54.0	E 0	03	58	19.0	0.02	0.3	89
ATEJ E	9	03	56	56.5	E 0	03	58	22.1			
AFC E	9	03	56	57.6	E 0	03	58	23.1			
APHE E	4	03	56	59.5							
ASMO					E 4	03	57	21.0			
MVO E	9	03	57	00.0	E 0	03	57	31.0			

29 ago 04h 31m 30.8s 42°06'N 07°32'W 8Km
rms ±0.4s mb 2.9 LAZA.OR

ERUA I	C 0	04	31	38.5	E 0	04	32	22.5	0.07	0.3	36
EZAM I	0	04	31	46.8	E 0	04	32	44.8	0.03	0.2	22
MVO I	D 0	04	31	49.0	I 0	04	32	51.5			
STS E	0	04	31	50.0	E 0	04	32	54.9	0.03	0.3	37
EMON E	0	04	31	55.0	E 0	04	33	07.0	0.10	0.2	60
MTE E	9	04	31	57.5	I 0	04	33	14.5			
EPLA E	0	04	32	08.5					0.02	0.4	55

30 ago 08h 52m 12.8s 35°13'N 03°48'W 13Km
rms ±1.0s mb 3.7 E. ALHUCEMAS

EMEL I	C 0	08	52	25.5							95
TAF I	0	08	52	33.6	I 0	08	53	23.6			
NKM E	0	08	52	35.5	I 0	08	53	30.0			
MAL E	0	08	52	38.0	I 4	08	53	34.0	0.41	0.5	130
ATEJ I	0	08	52	39.3	I 4	08	53	39.4			
APHE E	0	08	52	40.5	E 0	08	53	41.8			
ALM E	4	08	52	41.0	E 4	08	52	57.2			
EJIF E	0	08	52	42.0	E 0	08	53	48.0	0.15	0.5	150
ACHM E	0	08	52	43.2	E 0	08	53	48.7			
ALOJ E	0	08	52	43.8	E 4	08	53	46.7			
IFR I	0	08	52	45.5	E 0	08	53	55.5			
ALJ I	0	08	52	45.5							
MOMI I	4	08	52	46.0							

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
OJEN	I	4	08 52 46.0					
ENIJ	E	0	08 52 46.0	E 0	08 54 00.2	0.07	0.4	130
GIBL	I	4	08 52 47.0					
AFC	E	0	08 52 46.8	E 0	08 53 57.0	0.15	0.7	120
AAPN	E	0	08 52 47.8	E 0	08 53 58.3			
CRT	E	4	08 52 48.0					
ASMO	E	0	08 52 48.0					
EPRU	I D	0	08 52 48.2	E 0	08 53 59.4	0.18	0.9	160
LIJA	I	0	08 52 48.5					
CNIL	I	0	08 52 48.5					
SRQ	I	4	08 52 49.5					
EHOR	E	0	08 52 57.0	E 0	08 54 28.0	0.03	0.4	145
EBAN	E	0	08 52 59.0	E 0	08 54 32.5	0.04	0.4	130
EVAL	E	0	08 53 03.0	E 0	08 53 45.2	0.05	0.7	130
AVE	E	0	08 53 06.5	I 0	08 53 52.0			
EVIA				E 0	08 53 49.6	0.12	0.6	160
PAB	I	0	08 53 18.5	E 4	08 54 22.0			180
TOL	E	4	08 53 26.0	I 0	08 54 40.0	0.06	1.0	150
MOE	I	0	08 53 25.0	E 4	08 54 49.0			
TIO	I	0	08 53 29.5	I 0	08 54 56.0			
MTE	I C	9	08 53 34.5	I 0	08 55 13.5			

30 ago 11h 43m 25.8s 42°07'N 07°32'W 13Km
rms ±0.6s mb 3.8 III LAZA.OR

ERUA	I C	0	11 43 33.4	E 0	11 44 12.4			150
EZAM	E	0	11 43 41.5					
MVO	I D	0	11 43 44.5	I 0	11 44 42.5			
STS	I C	0	11 43 45.5	I 0	11 44 45.4	0.24	0.2	
EMON	E	0	11 43 49.0	E 0	11 44 55.0	0.25	0.2	200
PTO	I C	0	11 43 48.8	I 0	11 44 52.8			
MTE	E	9	11 43 50.0	I 0	11 45 01.5			
COI	E	9	11 44 01.7	E 0	11 44 29.0			
EPLA	I D	0	11 44 02.7	E 0	11 44 31.5	0.14	0.2	165
GUD	I D	0	11 44 11.2	E 0	11 44 56.7	0.13	0.3	210
PAB	I D	0	11 44 19.5	I 0	11 45 19.5			240
MOE	E	0	11 44 20.8	I 0	11 45 22.8			
ETOR	E	0	11 44 30.0	E 0	11 45 49.0	0.05	0.3	195
TOL	E	9	11 44 33.0	E 0	11 45 46.5	0.17	0.8	150
EVAL	E	0	11 44 33.6	E 0	11 45 58.1	0.08	0.6	170
EHOR	E	0	11 44 34.2	E 0	11 46 00.2	0.04	0.4	180
EBAN	E	0	11 44 37.3	E 0	11 46 09.3	0.02	0.3	180
ECRI	E	9	11 44 39.2	E 0	11 46 01.2	0.13	0.3	
LIS	E	9	11 44 40.0	I 0	11 46 00.8			
EVIA	E	0	11 44 41.5	E 0	11 46 20.5	0.12	0.7	225
EPF		0	11 44 53.4	0	11 45 11.8	0.01	0.4	
LFF		0	11 45 03.0	0	11 46 18.0	0.01	0.4	
MFF		0	11 45 06.0	4	11 46 24.0	0.01	0.4	
LPO		0	11 45 04.4	0	11 46 24.0			
RJF		0	11 45 10.2	4	11 46 38.6	0.01	0.3	

01 sep 05h 23m 04.1s 36°15'N 08°18'W 22Km
rms ±0.6s mb 3.1 S. CABO S.VICENTE

FAR		0	05 23 32.0					
FIG	I D	0	05 23 21.0	I 0	05 23 54.5			
EVAL	E	0	05 23 33.0	E 0	05 24 28.5	0.05	0.2	62
CNIL	E	0	05 23 33.0					
GIBL	E	0	05 23 35.5					
MOMI	E	0	05 23 37.0					
ALJ	E	0	05 23 38.5					
MOE	I D	0	05 23 38.8	I 0	05 24 44.8			
SRQ	E	0	05 23 40.5					
OJEN	E	4	05 23 40.5					
LIJA	E	0	05 23 42.5					
EPRU	E	0	05 23 43.4					

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EJIF	E	0	05 23 40.0					
EHOR	E	0	05 23 48.0	E 0	05 25 09.0			
AFC	E	0	05 24 02.8	E 0	05 24 49.8			
EBAN	E	0	05 24 03.6	E 0	05 24 52.7	0.02	0.2	
EPLA	E	0	05 24 06.4	E 0	05 24 58.5	0.01	0.3	
EVIA	E	0	05 24 18.5	E 0	05 25 34.2	0.01	0.2	
GUD	E	0	05 24 23.8	E 0	05 25 46.7			

02 sep 11h 40m 42.9s 36°33'N 03°08'W
rms ±0.9s mb 2.7 S. ADRA

APHE	E	0	11 40 54.2	E 0	11 41 56.2			
ATEJ	E	0	11 40 56.0	E 0	11 42 02.5			
ACHM	E	0	11 40 57.5					
AFC	E	0	11 40 57.6	E 0	11 42 04.6	0.02	0.3	37
ENIJ	E	0	11 40 58.5	E 0	11 42 07.0	0.04	0.3	51
ALOJ	E	0	11 41 00.0					
ASMO	E	0	11 41 01.5					
AAPN	E	0	11 41 03.5					
EBAN	E	9	11 41 15.0	E 0	11 41 51.0			37

02 sep 13h 00m 11.7s 36°24'N 02°37'E 18Km
rms ±0.9s mb 3.2 EL AFFROUN.ARG

ACU	E	0	13 00 59.6	E 0	13 02 35.8	0.03	0.3	175
ESEL	E	0	13 01 02.2	E 0	13 01 44.0	0.04	0.4	60
ENIJ	E	9	13 01 07.5	E 0	13 01 59.5	0.03	0.7	
EROQ	E	0	13 01 21.0	E 0	13 02 35.8			100
APHE	E	0	13 01 26.8					
ASMO	E	0	13 01 29.0	E 0	13 02 53.6			
ALOJ	E	0	13 01 32.5	E 0	13 03 03.0			
AAPN	E	0	13 01 32.5	E 0	13 03 03.5			
ETER	E	0	13 01 38.0					
GUD	E	0	13 01 50.2	E 0	13 02 12.7			127
EPF		0	13 01 52.2	0	13 02 16.6	0.01	0.4	
LRG		0	13 02 00.4	0	13 03 25.4			
FRF		0	13 02 02.8	0	13 03 30.0	0.01	0.4	
CVF		0	13 02 03.2					
CAF		0	13 02 14.5					

03 sep 13h 31m 04.5s 37°23'N 04°34'W 26Km
rms ±0.5s mb 3.0 LUCENA.CO

AAPN	I	0	13 31 11.6	E 0	13 31 29.7			
ALOJ	E	0	13 31 12.7					
ATEJ	E	0	13 31 15.2	E 0	13 31 40.1			
ASMO	E	0	13 31 16.4	E 0	13 31 42.9			
ACHM	E	0	13 31 16.9	E 0	13 31 42.5			
EHOR	E	0	13 31 17.2	E 0	13 31 44.2	0.03	0.2	43
EPRU	E	0	13 31 17.3	E 0	13 31 44.5			23
APHE	E	0	13 31 18.6	E 0	13 31 48.5			
AFC	E	0	13 31 20.0	E 0	13 31 50.5	0.02	0.2	32
EBAN	I C	0	13 31 21.6	E 0	13 31 55.6	0.05	0.2	53
MAL	I	4	13 31 29.8					

04 sep 08h 12m 00.7s 37°12'N 03°45'W
rms ±0.6s mb 2.9 CHAUCHINA.GR

CRT	E	0	08 12 02.8					
ACHM	E	0	08 12 03.0	E 0	08 12 08.3			
AFC	I D	0	08 12 03.0	I 0	08 12 09.0			60
APHE	I	0	08 12 04.9	E 0	08 12 14.1			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
AAPN	E	0	08 12 06.3	E 0	08 12 17.2			
ATEJ	E	0	08 12 06.7	E 0	08 12 19.1			
MAL				I 0	08 12 23.8			
EBAN	E	0	08 12 18.6	E 0	08 12 52.1	0.02	0.2	54
EHOR	E	0	08 12 24.0	E 0	08 13 06.5	0.02	0.3	46
EVIA	E	0	08 12 30.4	E 0	08 13 24.4	0.02	0.3	54

09 sep 04h 45m 14.3s 43°06'N 00°11'W
rms ±0.8s mb 3.3 IV ARTHEZ D'ASSON.FR

JAU	D	0	04 45 16.5	E 0	04 45 35.5			
LHE	C	0	04 45 20.1	E 0	04 45 45.0			
ATE		0	04 45 20.6	E 0	04 45 46.4			
EPF		0	04 45 20.7	0	04 45 47.3			
VIH	C	0	04 45 28.8	0	04 46 08.8			
SALF	C	0	04 45 33.6					
MLS		4	04 45 34.6	0	04 46 19.1			
GRBF	C	0	04 45 38.1	0	04 46 34.6			
VDCF		9	04 45 51.5	0	04 47 08.9			
SQD		0	04 45 53.1					
AVN		0	04 45 39.5					
ECRI	E	0	04 45 45.6	E 0	04 46 54.4	0.06	0.3	62
LFF		0	04 45 47.4					
LPO		9	04 45 49.7	0	04 47 04.5			
MRB		9	04 45 52.8	0	04 47 10.6			
OLT		9	04 45 55.0	0	04 47 18.2			
CAF		0	04 45 53.6					
EROQ	E	9	04 45 55.2	E 0	04 47 18.4	0.04	0.3	84
ETOR	E	0	04 45 57.1	E 0	04 47 27.3	0.01	0.3	92
EBR	E	9	04 45 58.0	E 0	04 47 25.0			
RJF		4	04 46 01.0	4	04 46 35.0			
ETER	E	9	04 46 01.0	E 0	04 46 30.8	0.04	0.4	50
LSF		0	04 46 06.4					
GUD	E	0	04 46 14.0	E 0	04 47 12.2			92
ERUA	E	0	04 46 32.5					

16 sep 04h 18m 00.9s 35°13'N 03°52'W 18Km
rms ±0.9s mb 3.5 SE. ALHUCEMAS.MAC

EMEL	I	C	0	04 18 13.8	E 0	04 18 38.3			135
NKM	E		0	04 18 22.0	I 0	04 18 59.5			
TAF	I		0	04 18 24.0	I 4	04 19 08.0			
MAL	I	C	0	04 18 26.0					
ATEJ	I		0	04 18 27.3	E 4	04 19 13.8			
APHE	E		0	04 18 28.4	E 4	04 19 16.3			
EJIF	E		0	04 18 29.4	E 0	04 19 19.9	0.12	0.4	160
ACHM	E		0	04 18 30.8					
ALOJ	E		0	04 18 31.3	E 0	04 19 23.9			
ALM	E		0	04 18 31.5	I 0	04 19 27.1			
IFR	I		0	04 18 33.0	I 0	04 19 30.0			
CRT	E		0	04 18 33.0					
ENIJ	E		0	04 18 34.0	E 0	04 19 35.5	0.11	0.4	130
AAPN	E		0	04 18 35.1	E 0	04 19 33.6			
EPRU	E		0	04 18 35.6	E 0	04 19 34.6	0.07	0.6	145
ASMO	E		0	04 18 36.0	E 0	04 19 37.8			
RBA	I		4	04 18 40.0	I 0	04 19 53.5			
EHOR	E		0	04 18 45.0	E 0	04 20 02.6	0.03	0.4	133
EVAL	E		0	04 18 50.9	E 0	04 20 19.8	0.04	0.4	125
EVIA	E		0	04 18 56.0	E 0	04 20 30.6	0.21	0.7	165
AVE	E		4	04 18 57.0	I 4	04 20 28.0			
PAB	I	C	0	04 19 05.0	E 4	04 20 04.0			220
EPLA	E		0	04 19 16.8	E 0	04 20 31.3			150

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
TIO	I	0	04 19 17.5	I 0	04 20 30.0			
GUD	E	0	04 19 20.7	E 0	04 20 40.3			145
ETOR	E	0	04 19 25.7			0.02	0.5	
ERUA	I	D	0	04 19 50.9				
EMON	E	0	04 20 05.2					

16 sep 06h 39m 15.1s 38°13'N 01°06'W 15Km
rms ±0.6s mb 2.9 ABANILLA.MU

EALH	E	0	06 39 24.5					
ACU	E	0	06 39 25.8	E 0	06 40 00.8	0.03	0.3	33
VIV	E	0	06 39 33.0	E 0	06 40 21.2			33
EVIA	E	0	06 39 35.8	E 0	06 40 27.0	0.12	0.2	70
ENIJ	E	0	06 39 40.0					
PAB	E	4	06 40 07.5	E 4	06 40 53.5			100
GUD				E 0	06 40 45.5			

16 sep 16h 08m 45.3s 35°00'N 04°32'W
rms ±0.8s mb 2.7 KETAMA.MAC

NKM	I	0	16 09 01.0	E 0	16 09 11.5			
EMEL	E	0	16 09 06.6	E 0	16 09 29.6			
SRQ	I	0	16 09 09.0					
IFR	I	0	16 09 10.0	E 0	16 09 38.0			
OJEN	I	4	16 09 11.0					
EJIF	E	0	16 09 12.0	E 0	16 09 42.0	0.02	0.4	
MAL				I 0	16 09 31.0			
EPRU	E	0	16 09 17.6	E 0	16 09 58.6	0.01	0.4	
ALJ	I	4	16 09 20.0					
LIJA	I	4	16 09 21.0					
EHOR	E	0	16 09 27.0	E 0	16 10 27.0	0.01	0.3	
AVE	E	0	16 09 28.0	E 0	16 10 28.0			
EVIA	E	0	16 09 43.4	E 0	16 11 10.4	0.01	0.4	
TIO	E	0	16 09 53.0	E 0	16 09 58.5			

18 sep 08h 15m 45.1s 42°14'N 02°03'E
rms ±0.4s mb 2.6 GOMBRENY.GE

OLT		0	08 15 50.8					23
SQD	C	0	08 15 52.5	E 0	08 16 51.5			23
FONT	D	0	08 15 54.7	E 0	08 16 57.4			23
VDCF	C	0	08 15 52.6	0	08 16 51.6			
ETER	E	0	08 15 57.0	E 0	08 17 01.0	0.02	0.3	23
SALF	C	0	08 15 59.8	0	08 17 10.7			
LESF	D	0	08 16 03.3	0	08 16 19.9			
AVN		0	08 16 03.7	0	08 16 22.1			

19 sep 11h 55m 41.2s 37°09'N 03°06'W
rms ±0.5s mb 2.5 ALDEIRE.GR

AFC	E	0	11 55 47.0	E 0	11 56 40.0	0.03	0.3	37
APHE	E	0	11 55 50.5	E 0	11 56 49.0			
ASMO	E	0	11 55 51.0					
ATEJ	E	0	11 55 55.0					
ENIJ	E	0	11 55 55.0	E 0	11 56 59.0	0.01	0.3	
ALOJ	E	0	11 55 55.5					
AAPN	E	0	11 55 56.0					
EBAN	E	0	11 56 02.0	E 0	11 56 20.0	0.01	0.4	35
EVIA	E	0	11 56 09.5	E 0	11 56 39.5	0.02	0.4	50

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	
22 sep 19h 21m 55.2s 37°22'N 01°55'W rms ±0.9s mb 2.6 HUERCAL-OVERA.AL										24 sep 20h 16m 03.7s 41°12'N 01°09'W 3Km rms ±0.7s mb 3.3 VISTABELLA.Z										
ENIJ	I	0	19 22 04.1	E	0	19 22 13.1	0.12	0.2	40	IFR	I	0	20 04 50.0	I	0	20 05 00.0				
EVIA	E	0	19 22 20.0	E	0	19 22 58.0	0.03	0.2	48	ETOR	E	0	20 04 52.4	E	0	20 05 07.4	0.09	0.4	290	
APHE	E	0	19 22 20.0							ECHE	E	0	20 04 58.2				0.10	0.6	250	
ASMO	E	0	19 22 21.4	E	0	19 23 01.8				TIO	I	0	20 05 15.5	I	4	20 06 48.0				
EBAN	I	0	19 22 23.3	E	0	19 23 07.3	0.02	0.3	37	AVN		0	20 05 24.7							
ATEJ	E	0	19 22 25.0							ALM	E	4	20 05 29.0	E	4	20 06 42.0				
AAPN	E	0	19 22 25.8	E	0	19 23 14.8				EPF		0	20 05 30.0							
ALOJ	E	0	19 22 26.0	E	0	19 23 15.5				LFF		0	20 05 46.6							
23 sep 09h 56m 03.6s 37°43'N 03°29'W rms ±0.6s mb 2.8 SIERRA MAGINA.J										25 sep 03h 03m 05.4s 36°34'N 07°29'W 19Km rms ±0.4s mb 3.2 GOLFO DE CADIZ										
ASMO	I	0	09 56 10.5	E	4	09 56 29.5				ETOR	I	C	0	20 16 18.3	E	0	20 16 46.3	0.04	0.2	105
EBAN	E	0	09 56 12.5	E	0	09 56 32.0	0.05	0.3	90	EROQ	I	C	0	20 16 25.9	E	0	20 17 08.1	0.14	0.2	90
AAPN	E	0	09 56 15.5	E	4	09 56 42.0				EBR	E	0	20 16 27.0	E	0	20 17 12.0				
ACHM	E	0	09 56 16.0							AVN		0	20 16 31.0							
APHE	E	0	09 56 17.5							ECHE	E	0	20 16 32.5	E	0	20 17 25.5	0.05	0.3	70	
ALOJ	E	0	09 56 18.0							EPF		0	20 16 39.8							
ATEJ	E	0	09 56 20.0							VIH				4	20 17 07.0					
EVIA	E	0	09 56 26.0	E	0	09 57 07.6	0.08	0.3	95	MRB		0	20 16 40.8		0	20 17 50.8				
MAL	I	C	0	09 56 27.8	I	4	09 57 15.3	0.16	1.0	52	GUD	I	0	20 16 42.4	E	0	20 17 52.9	0.01	0.3	86
ENIJ	E	0	09 56 28.0	E	0	09 57 11.5	0.02	0.4	75	EVIA	E	0	20 16 46.7	E	0	20 18 06.7				
EHOR	E	0	09 56 28.5	E	0	09 57 16.3	0.03	0.3	85	OLT		0	20 16 49.0							
PAB	E	9	09 56 42.5	E	0	09 57 49.5			100	PAB	I	0	20 16 50.0	E	0	20 18 14.0			120	
GUD		9	09 57 00.2	E	0	09 57 36.1	0.01	0.4	80	LPO		0	20 17 02.8		0	20 17 49.4	0.01	0.3		
ETOR	E	9	09 57 08.2	E	0	09 57 56.2	0.02	0.4		EPLA	E	0	20 17 03.4	E	0	20 17 53.2				
23 sep 20h 03m 30.2s 38°16'N 08°43'W 29Km rms ±0.6s mb 4.0 III-IV FERRARIAS.PORT										25 sep 06h 25m 15.4s 36°46'N 03°18'W rms ±0.4s mb 2.9 POLOPOS.GR										
MOE	I	C	0	20 03 38.5	I	0	20 04 23.0			APHE	I	0	06 25 22.6	E	0	06 25 50.1				
LIS	I	D	0	20 03 41.4	I	0	20 04 30.9			CRT	E	0	06 25 24.8							
MTH	I	D	0	20 03 43.6	I	0	20 04 37.1			AFC	I	C	0	06 25 25.4	E	0	06 25 57.4	0.05	0.2	32
FIG	I	D	0	20 03 51.7	I	4	20 05 10.2			ACHM	E	0	06 25 25.9							
FAR	I	C	0	20 03 52.0	I	4	20 05 09.5			ATEJ	E	0	06 25 26.0	E	0	06 26 00.4				
EVAL	E	0	20 03 56.5	E	0	20 05 14.0			220	ALOJ	E	0	06 25 28.0							
MTE	I	C	4	20 03 59.5	I	4	20 05 38.0			ASMO	E	0	06 25 28.6							
COI	I	D	4	20 04 06.7	I	4	20 04 38.3			ENIJ	E	0	06 25 31.9	E	0	06 26 14.7	0.02	0.2	35	
EPLA	I	C	0	20 04 11.0	E	0	20 04 53.0	0.36	0.3	270	AAPN	E	4	06 25 34.5						
EHOR	E	0	20 04 12.0	E	0	20 04 54.2	0.33	0.3	250	25 sep 19h 24m 07.1s 36°52'N 04°12'W 49Km rms ±0.7s mb 3.3 VIÑUELA.MA										
PTO	I	C	0	20 04 14.2	I	4	20 04 55.7			ATEJ	I	0	19 24 14.1	E	0	19 24 33.7				
EPRU	E	0	20 04 15.8	E	0	20 05 06.6	0.31	0.6	215	MAL	I	D	0	19 24 14.2	I	0	19 24 34.7			
MVO	E	0	20 04 16.0	I	4	20 05 25.5				ALOJ	I	0	19 24 15.6	E	0	19 24 37.8				
EJIF	E	0	20 04 17.3	E	0	20 05 09.3	0.33	0.6	210											
PAB	I	D	0	20 04 23.5	I	4	20 05 31.5		340											
AAPN	I	0	20 04 26.0	E	0	20 05 32.1														
ALOJ	I	0	20 04 26.8	E	0	20 05 35.9														
EBAN	E	0	20 04 26.8	E	0	20 05 38.0	0.26	0.3	230											
NKM	I	0	20 04 26.8	I	0	20 05 37.8														
EZAM	E	0	20 04 27.7	E	0	20 05 38.1	0.06	0.4	140											
MAL	I	D	4	20 04 28.0	I	4	20 05 37.5	0.42	0.8	132										
ATEJ	I	0	20 04 29.0	E	0	20 05 41.4														
ASMO	I	0	20 04 29.5	E	4	20 05 40.8														
ACHM	I	0	20 04 30.1	E	0	20 05 45.3														
GUD	I	0	20 04 31.9	E	0	20 05 50.9	0.13	0.3	280											
AFC	E	0	20 04 32.4	E	0	20 05 51.4	0.07	0.4	210											
APHE	I	0	20 04 32.5	E	0	20 05 49.5														
ERUA	E	0	20 04 33.0	E	0	20 05 53.5	0.10	0.3	210											
STS	I	0	20 04 37.5	E	0	20 06 05.0	0.06	0.4	200											
EVIA	E	0	20 04 40.4	E	0	20 06 14.4	0.30	0.4	295											
AVE	I	0	20 04 43.5	I	0	20 06 21.0														
EMON	E	0	20 04 46.5	E	0	20 04 49.3	0.15	0.4	220											
ENIJ	E	0	20 04 47.3	E	0	20 04 52.3	0.03	0.4	200											

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
APHE	I	0	19 24 16.4	E 0	19 24 39.7				ASMO	I	4	02 11 00.6	E 4	02 11 28.9				
ACHM	I	0	19 24 16.4	E 0	19 24 39.0				AVE	I	0	02 11 04.5	I 0	02 11 39.5				
AAPN	E	0	19 24 17.7	E 0	19 24 43.7				EBAN	E	0	02 11 07.3	E 0	02 11 46.5	0.08	0.2		
CRT	E	0	19 24 19.0	E 0	19 24 46.3				ENIJ	E	0	02 11 09.0	E 0	02 11 53.3	0.02	0.4		
ASMO	I	0	19 24 19.4	E 0	19 24 47.9				MOE	I C	0	02 11 16.5	I 0	02 12 12.0				
AFC	I C	0	19 24 19.6	E 0	19 24 48.4	0.06	0.2	60	EVIA	E	0	02 11 21.2						
EPRU	E	0	19 24 23.0			0.01	0.3	60	PAB	I C	0	02 11 22.5	E 0	02 12 29.0			225	
EHOR	E	0	19 24 27.5	E 0	19 25 10.8	0.03	0.2	71	LIS	E	0	02 11 25.0	I 0	02 12 35.5				
EJIF	E	0	19 24 27.5	E 0	19 25 07.5	0.03	0.4	70	MTH	I C	0	02 11 26.8	I 0	02 12 39.8				
EBAN	E	0	19 24 28.0	E 0	19 25 12.0	0.06	0.2	71	EPLA	E	0	02 11 28.6	E 0	02 12 43.6	0.07	0.3		
EVAL	E	0	19 24 39.3	E 0	19 25 42.8	0.03	0.2	60	MTE	I C	9	02 11 30.0	I 0	02 12 52.5				
EVIA	E	0	19 24 41.0	E 0	19 25 46.0			75	TIO	I	0	02 11 33.5	I 0	02 12 59.5				
PAB	E	9	19 24 48.0	E 0	19 26 06.0			40	COI	E	0	02 11 37.4	I 4	02 13 06.7				
EPLA	E	0	19 24 59.4	E 0	19 26 37.4	0.01	0.2	75	GUD	E	0	02 11 38.0	E 0	02 13 10.2	0.01	0.3		
GUD	E	0	19 25 02.6	E 0	19 25 46.1			82	ECH	E	0	02 11 41.6	E 0	02 13 21.1	0.02	0.4		
ETOR	E	0	19 25 09.2	E 0	19 26 04.8	0.02	0.3		MVO	I C	0	02 11 43.5	I 4	02 12 52.0				
26 sep 12h 34m 19.2s 38°50'N 00°47'W rms ±0.7s mb 2.9 MOGENTE.V									27 sep 02h 10m 47.8s 35°37'N 05°35'W rms ±0.6s mb 3.4 MELLOUSA.MAC									
ACU	E	0	12 34 27.8	E 0	12 35 00.8	0.03	0.3	32	IFR		I 0	02 11 45.5						
VIV	E	0	12 34 27.5	E 0	12 35 03.5			32	EVAL		E 0	02 11 45.6	0.14	0.3				
ECH	E	0	12 34 32.5	E 0	12 35 16.5	0.05	0.3	43	EHOR		E 0	02 11 47.0	0.03	0.3				
EVIA	E	0	12 34 42.4	E 0	12 35 44.4	0.05	0.3		EBAN	0	02 11 32.0	E 0	02 12 36.0	0.06	0.2			
ETOR	E	9	12 35 00.2	E 0	12 35 28.2				EPLA	E	0	02 11 53.4	E 0	02 11 53.4	0.03	0.3		
26 sep 20h 59m 10.1s 37°40'N 02°30'W 3Km rms ±0.6s mb 2.6 ORCE.GR									27 sep 20h 00m 26.5s 36°03'N 10°46'W rms ±0.8s mb 3.5 SW. CABO S.VICENTE									
ENIJ	I	0	20 59 23.4	E 0	20 59 56.4	0.02	0.3	40	IFR		I 0	02 11 45.5						
AFC	E	0	20 59 27.6	E 0	21 00 08.0	0.01	0.3	42	EVAL		E 0	02 11 45.6	0.14	0.3				
EVIA	E	0	20 59 28.2	E 0	21 00 09.9			62	EHOR		E 0	02 11 47.0	0.03	0.3				
ASMO	I	0	20 59 28.7	I 0	21 00 11.2				EBAN	0	02 11 32.0	E 0	02 12 36.0	0.06	0.2			
EBAN	I C	0	20 59 30.0	E 0	21 00 14.6	0.08	0.2	60	EPLA	E	0	02 11 53.4	E 0	02 11 53.4	0.03	0.3		
APHE	E	0	20 59 31.4	E 0	21 00 19.9				TIO	I	0	02 11 58.5	I 0	02 12 09.0				
ACHM	E	0	20 59 32.5	E 0	21 00 22.0				LIS		E 0	02 12 35.4						
AAPN	I	0	20 59 34.0	I 0	21 00 26.2				GUD	E	0	02 12 02.8	E 0	02 12 59.8				
ALOJ	E	0	20 59 35.0	E 0	21 00 29.5				ETOR	E	0	02 12 12.9	E 0	02 13 28.9	0.01	0.3		
ATEJ	E	0	20 59 36.0	E 0	21 00 30.5				ERUA	E	0	02 12 26.1						
EHOR				E 0	21 00 12.8	0.01	0.3	55	EZAM	E	0	02 12 27.3						
PAB	E	4	20 60 14.5	E 4	20 60 38.5			35	EMON	E	0	02 12 40.4						
GUD				E 0	20 60 37.6				EPF	0	02 12 51.4	E 0	02 13 34.9					
27 sep 02h 10m 23.4s 35°39'N 05°39'W 52Km rms ±0.8s mb 3.7 MELLOUSA.MAC									27 sep 20h 01m 04.5 FIG I D 0 20 01 06.2									
NKM	I	0	02 10 31.5	E 0	02 11 09.5				LIS		E 0	20 01 42.8						
PLAT	I	4	02 10 38.0						MTH	E	0	20 01 13.5	I 0	20 02 02.5				
MOMI	I	4	02 10 40.0						MOE	I C	0	20 01 13.7	I 0	20 02 02.2				
EJIF	I D	0	02 10 40.0	E 0	02 11 30.0	0.35	0.4		EVAL	I C	0	20 01 19.5	E 0	20 02 18.9	0.09	0.2	150	
MAL	E	0	02 10 47.0	I 0	02 11 51.2	0.03	0.5	115	RBA	E	0	20 01 22.0	I 4	20 02 22.0				
EPRU	I D	0	02 10 47.1	E 0	02 11 49.7	0.26	0.9		AVE	I	0	20 01 23.0	I 4	20 02 26.0				
ATEJ	E	0	02 10 52.3	E 4	02 12 08.2				EJIF	E	0	20 01 29.6	E 0	20 02 46.6	0.13	0.6	140	
RBA	I	0	02 10 53.0	I 0	02 12 09.5				NKM	I	0	20 01 31.5	I 4	20 02 46.0				
APHE	E	0	02 10 54.6	E 0	02 12 13.7				EPRU	E	0	20 01 33.0	E 0	20 02 56.0	0.19	1.0	170	
ALOJ	E	4	02 10 55.6	E 4	02 12 16.3				MTE	E	9	20 01 33.0	0	20 03 00.5				
IFR	I	0	02 10 56.0	I 0	02 12 17.0				EHOR	I C	0	20 01 35.6	E 0	20 03 02.0	0.04	0.4	150	
ACHM	E	0	02 10 56.1	E 4	02 12 18.2				IFR	I	0	20 01 42.0	I 4	20 03 18.0				
EVAL	I D	0	02 10 56.4	E 0	02 12 16.9	0.15	0.3		MAL	I C	0	20 01 43.0	I 0	20 03 21.3	0.11	0.7	85	
EHOR	E	0	02 10 57.6	E 0	02 12 19.6	0.05	0.3		EPLA	E	0	20 01 45.0	E 0	20 01 49.0	0.06	0.3	165	
AAPN	I	4	02 10 57.8	E 4	02 12 21.3				AAPN	I	0	20 01 45.5	E 4	20 01 48.1				
FIG	I C	0	02 10 59.0	I 0	02 12 23.8				ALOJ	I	0	20 01 45.7	E 0	20 01 48.7				
FAR				0	02 11 26.0				ATEJ	I	0	20 01 46.7	E 0	20 01 51.9				
AFC	E	0	02 11 01.0	E 0	02 11 27.0	0.04	0.4		ACHM	I	0	20 01 49.0	E 0	20 01 57.0				
									TIO I 0 20 01 49.5 I 4 20 01 58.5									
									ASMO I 0 20 01 50.0 E 4 20 01 59.5									

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
APHE	I	0	20 01 50.5	E 0	20 02 01.5			
MVO	I D	0	20 01 50.5	I 0	20 02 03.5			
EBAN	I D	0	20 01 51.9	E 0	20 02 07.9	0.03	0.2	145
AFC	E	0	20 01 52.6	E 0	20 02 08.6	0.04	0.5	150
YBT	I	4	20 01 53.0	I 4	20 02 10.0			
PAB	E	0	20 01 55.0	E 0	20 02 17.0			200
EZAM	E	0	20 01 57.5	E 0	20 02 21.3	0.03	0.3	116
TOL	I	0	20 02 00.5	E 0	20 03 11.5	0.01	0.8	180
GUD	E	0	20 02 05.2	E 0	20 03 25.0	0.02	0.3	182
ERUA				E 0	20 03 19.8	0.02	0.3	
STS	E	0	20 02 07.0	E 0	20 03 30.0	0.02	0.4	
ENIJ	E	0	20 02 07.0	E 0	20 03 28.8	0.01	0.4	
EVIA	E	0	20 02 06.8	E 0	20 03 28.8			
EMON	E	0	20 02 19.0	E 0	20 02 20.0	0.04	0.3	142
ETOR	E	0	20 02 25.0	E 0	20 02 40.8			180

27 sep 23h 57m 00.7s 37°52'N 02°57'W 18Km
rms ±0.4s mb 2.8 SIERRA DEL POZO.J

EBAN	I	0	23 57 14.0	E 0	23 57 37.9	0.03	0.2	32
AFC	E	0	23 57 15.0	E 0	23 57 40.0			23
ASMO	E	0	23 57 15.5	E 0	23 57 42.5			
EVIA	E	0	23 57 16.4	E 0	23 57 43.0	0.05	0.2	44
AAPN	E	0	23 57 20.4	E 0	23 57 54.9			
EHOR				E 0	23 57 51.2			

29 sep 13h 00m 10.5s 37°54'N 03°24'W
rms ±0.6s mb 2.8 N. JODAR.J

EBAN	I C	0	13 00 17.1	E 0	13 00 40.5	0.03	0.2	44
ASMO	I	0	13 00 20.5	I 0	13 00 51.0			
AFC	E	0	13 00 21.8	E 0	13 00 52.8			26
AAPN	E	0	13 00 25.0					
APHE	E	0	13 00 28.0	E 0	13 01 10.0			
ALOJ	E	0	13 00 28.4					
EVIA	E	0	13 00 28.5	E 0	13 01 12.5	0.03	0.2	35
ATEJ	E	0	13 00 31.0	E 4	13 01 19.6			
EHOR	E	0	13 00 36.4	E 0	13 01 33.3	0.01	0.3	40

02 oct 06h 04m 36.1s 38°12'N 05°54'W
rms ±0.8s mb 3.0 REINA.BA

EHOR	E	0	06 04 47.4	E 0	06 05 43.3	0.09	0.3	40
Eval	E	0	06 04 52.6	E 0	06 05 56.6	0.06	0.2	35
EPRU	E	0	06 05 01.1	E 0	06 05 19.9			34
EBAN	E	0	06 05 04.7	E 0	06 05 30.7	0.03	0.3	52
AAPN	E	0	06 05 06.7	E 0	06 05 34.7			
EPLA	E	9	06 05 09.9	E 0	06 05 43.7	0.03	0.3	45
ASMO	E	9	06 05 13.0	E 0	06 05 49.5			
ATEJ				E 4	06 05 40.0			

02 oct 09h 00m 31.4s 37°55'N 03°25'W
rms ±0.7s mb 2.7 NW. JODAR.J

EBAN	E	0	09 00 38.0	E 0	09 01 21.3	0.03	0.3	40
ASMO	E	0	09 00 41.0	E 0	09 01 32.5			
AAPN	E	0	09 00 46.0	E 4	09 01 40.0			
ALOJ	E	0	09 00 48.5	E 0	09 01 51.5			
APHE	E	0	09 00 48.5	E 4	09 02 26.5			45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EVIA	E	0	09 00 49.3	E 0	09 01 54.3	0.04	0.3	40
ATEJ	E	0	09 00 52.0	E 4	09 02 01.5			
ENIJ	E	0	09 00 56.0			0.01	0.3	
EHOR	E	0	09 00 57.2	E 0	09 02 14.7			40

02 oct 16h 43m 23.1s 42°19'N 06°52'W
rms ±0.6s mb 2.7 SERRA DO EIXE.OR

ERUA	I C	0	16 43 26.8	E 0	16 43 57.0	0.04	0.3	27
MVO	I C	0	16 43 44.0	0	16 44 44.0			
MTE				0	16 44 20.0			
EMON	I C	0	16 43 44.9	E 0	16 44 45.2	0.05	0.3	43
STS	E	0	16 43 48.3	E 0	16 44 53.6			35
EZAM	E	0	16 43 48.2	E 0	16 44 54.8			
EPLA	E	9	16 44 07.2	E 0	16 44 44.2	0.01	0.4	
GUD	E	9	16 44 12.8	E 0	16 44 57.8			45

03 oct 18h 02m 43.2s 42°26'N 08°08'W
rms ±0.7s mb 2.6 CARBALLIÑO.OR

EZAM	E	0	18 02 52.8	E 0	18 03 52.0	0.01	0.2	20
STS	E	0	18 02 55.0	E 0	18 03 55.1	0.02	0.2	19
ERUA	E	0	18 02 57.2	E 0	18 04 03.7	0.01	0.2	24
EMON	E	0	18 03 03.6	E 0	18 03 22.6	0.03	0.3	30

04 oct 13h 15m 41.4s 36°08'N 06°33'W
rms ±0.5s mb 3.0 W. ESTRECHO GIBRALTAR

EJIF	E	0	13 15 58.3	E 0	13 17 08.8	0.07	0.6	92
NKM	I	0	13 16 02.0					
AVE	E	4	13 16 03.0					
Eval	E	0	13 16 06.0	E 0	13 16 31.0			
EVIA	E	0	13 16 41.3					
EHOR	E	0	13 16 14.4					
IFR	E	4	13 16 55.0					
TIO	E	0	13 16 59.0					

04 oct 20h 26m 59.9s 36°40'N 05°06'W 16Km
rms ±0.9s mb 3.2 SIERRA DE OREGANAL.MA

EJIF	I C	0	20 27 06.1	E 0	20 27 18.8	0.23	0.3	83
MAL	I D	0	20 27 09.5	I 0	20 27 28.5	0.33	0.8	37
ATEJ	E	0	20 27 15.8	E 0	20 27 42.3			
ALOJ	E	0	20 27 17.0	E 0	20 27 45.6			
AAPN	E	0	20 27 18.7	E 0	20 27 51.6			
APHE	E	0	20 27 19.4					45
EHOR	E	0	20 27 19.6	E 0	20 27 55.0	0.06	0.2	78
ACHM	E	0	20 27 19.9					
ASMO	E	0	20 27 23.5	E 0	20 28 03.1			
NKM	I	4	20 27 24.0	E 4	20 28 09.5			
AFC	E	0	20 27 24.0			0.01	0.3	65
Eval	E	0	20 27 26.5	E 0	20 28 13.3	0.04	0.3	54
EBAN	E	0	20 27 28.0	E 0	20 28 18.4			
EVIA	E	0	20 27 42.8					
GUD	E	0	20 27 59.8					

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR	EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR					
04 oct 21h 56m 39.1s 35°19'N 05°58'W rms ±0.9s mb 2.9 ASILAH.MAC												08 oct 21h 43m 33.7s 36°37'N 05°32'W rms ±1.0s mb 2.7 UBRIQUE.CA																
NKM	I	0	21	56	49.0	E	4	21	57	49.0		EJIF	E	0	21	43	35.5	E	0	21	44	16.0	0.26	0.3	55			
IFR	E	0	21	57	10.5	E	4	21	57	48.5		EPRU	E	0	21	43	39.8	E	0	21	44	27.3	0.05	0.5	54			
AVE	I	0	21	57	14.5	E	0	21	57	56.0		EHOR	E	0	21	43	55.2	E	0	21	45	08.8	0.01	0.3	35			
EVAL	E	0	21	57	14.6	E	0	21	57	56.1		ATEJ	E	0	21	43	55.5	E	4	21	45	04.0						
EHOR						E	0	21	57	45.4		ALOJ	E	0	21	43	56.5											
EBAN	E	0	21	57	30.0	E	0	21	58	34.0		AAPN	E	0	21	43	58.0	E	4	21	45	10.5						
TIO	I	0	21	57	44.5	E	0	21	59	17.5		APHE	E	0	21	44	01.5											
												ASMO	E	0	21	44	03.0								45			
07 oct 01h 57m 04.6s 38°39'N 07°49'W rms ±0.9s mb 3.4 EVORA.PORT												11 oct 01h 17m 59.2s 37°12'N 04°10'W 3Km rms ±0.8s mb 3.1 LOJA.GR																
MOE	I	C	0	01	57	11.6	I	0	01	57	29.4		ALOJ	I	0	01	18	00.7	E	0	01	18	03.7					
MTH	E	0	01	57	26.0	I	0	01	58	06.0		AAPN	I	0	01	18	01.3	E	0	01	18	05.0						
LIS	E	4	01	57	28.0	I	0	01	58	06.0		ATEJ	I	0	01	18	03.6	E	0	01	18	12.2						
EVAL	E	0	01	57	30.0	E	0	01	58	17.9	0.07	0.2	78	ACHM	I	0	01	18	03.7	E	0	01	18	12.7				
COI	E	0	01	57	33.0	I	0	01	58	26.7			ASMO	I	0	01	18	05.4	E	0	01	18	17.2			45		
MTE	E	9	01	57	34.5	I	0	01	58	31.8			APHE	I	0	01	18	06.0	I	4	01	18	24.8					
EPLA	E	0	01	57	39.4	E	0	01	58	42.4	0.04	0.2	86	CRT	E	0	01	18	07.6	E	0	01	18	21.6				
EHOR	E	0	01	57	41.9	E	0	01	58	48.9	0.04	0.2	90	MAL	I	D	0	01	18	07.7	I	0	01	18	22.7	1.14	0.4	63
MVO	E	9	01	57	53.5	I	0	01	59	18.0			AFC	E	0	01	18	08.0	E	0	01	18	24.0	0.05	0.3	66		
PAB	E	4	01	57	57.0	I	4	01	59	31.0			EPRU	E	0	01	18	17.0	E	0	01	18	44.4	0.03	0.5	70		
GUD	E	0	01	57	58.0								EBAN	E	0	01	18	17.6	E	0	01	18	48.3	0.10	0.2	70		
EVIA	E	0	01	58	07.0	E	0	01	59	01.2	0.04	0.6		EHOR	E	0	01	18	18.3	E	0	01	18	51.3	0.04	0.3	70	
TOL	E	4	01	58	10.0	E	4	01	58	55.0			EJIF	E	0	01	18	23.5	E	0	01	19	04.9	0.04	0.5	74		
ETOR	E	0	01	58	18.0								ENIJ	E	0	01	18	27.4	E	0	01	19	16.0	0.01	0.3	55		
AAPN	E	4	01	58	26.4	E	4	01	59	14.9			EVIA	E	0	01	18	31.2					0.07	0.3	86			
ALOJ						E	4	01	58	51.2			EVAL	E	0	01	18	32.9	E	0	01	19	32.2	0.02	0.3	62		
ATEJ						E	4	01	58	56.0			GUD	E	9	01	19	03.0	E	0	01	19	45.0			77		
ASMO						E	4	01	58	56.7																		
07 oct 04h 45m 11.4s 37°06'N 03°38'W 3Km rms ±0.6s mb 3.2 IV-V ALHENDIN.GR												11 oct 02h 13m 59.3s 36°54'N 05°26'W rms ±1.0s mb 2.6 ALGODONALES.CA																
CRT	I	0	04	45	13.0	E	0	04	45	27.9		EPRU	I	C	0	02	14	01.4	E	0	02	14	05.2	0.05	0.2			
ACHM	I	0	04	45	14.0	E	0	04	45	30.9		EJIF	E	0	02	14	06.8						0.02	0.4				
APHE	I	0	04	45	14.2	E	0	04	45	31.4		EHOR	E	0	02	14	16.2	E	0	02	14	46.2	0.03	0.3	35			
ASMO	I	0	04	45	15.7	E	0	04	45	35.6		AAPN	E	0	02	14	18.5	E	0	02	14	53.5						
ATEJ	I	0	04	45	17.2	E	0	04	45	39.9		ALOJ	E	0	02	14	19.0	E	0	02	14	54.5						
ALOJ	I	0	04	45	17.7	E	4	04	45	49.9		ATEJ	E	0	02	14	19.5	E	0	02	14	56.4						
AAPN	E	0	04	45	19.0	E	0	04	45	44.1		EVAL	E	0	02	14	22.2	E	0	02	15	02.2	0.01	0.2	28			
MAL	I	0	04	45	24.7	I	0	04	45	59.5	1.79	0.3	95	AFC	E	0	02	14	27.4									
ALM	E	0	04	45	29.5	E	0	04	46	10.3			EBAN	E	0	02	14	31.0	E	0	02	15	22.5					
EPRU	E	0	04	45	36.5	E	0	04	46	28.0	0.05	0.4	125															
EHOR	E	0	04	45	37.2	E	0	04	46	34.2	0.07	0.2	120															
EVIA	E	0	04	45	42.0	E	0	04	46	46.0																		
EALH	E	9	04	45	47.5	E	0	04	46	59.5	0.05	0.6	92															
EVAL	E	0	04	45	51.8						0.02	0.3	90															
PAB	E	0	04	45	53.0	E	0	04	47	14.0																		
TOL						E	4	04	46	24.5	0.11	0.9	120															
ECHE	E	0	04	46	02.8						0.02	0.5		EPRU	E	0	02	20	05.7	E	0	02	20	14.1	0.05	0.2	45	
GUD	E	0	04	46	06.4	E	0	04	46	53.4	0.02	0.3	135	EJIF	E	0	02	20	12.0					0.03	0.4	43		
EPLA	E	0	04	46	06.8	E	0	04	46	51.8	0.04	0.4	110	EHOR	E	0	02	20	20.8	E	0	02	20	54.0	0.03	0.3	42	
ETOR	E	0	04	46	12.0						0.02	0.3	130	ALOJ	E	0	02	20	23.5	E	0	02	21	02.3				
MOE	E	0	04	46	12.5	E	0	04	47	11.0			AAPN	E	0	02	20	23.5	E	0	02	21	03.5					
MTE	E	4	04	46	14.0	4	04	47	40.0				ATEJ	E	0	02	20	24.2	E	0	02	21	05.7					
MVO	E	0	04	46	23.5	4	04	46	25.5				EVAL	E	0	02	20	26.8	E	0	02	21	10.8	0.03	0.2	33		
MTH						4	04	46	08.5				AFC	E	0	02	20	31.5										
													ASMO	E	0	02	20	29.0										
													EBAN	E	0	02	20	35.3	E	0	02	21	31.3			46		

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
NKM	I	4	17 15 01.0	I 4	17 15 29.0							16 oct 03h 16m 09.1s	I 0	03 17 07.2			195
EHOR	E	0	17 15 06.2					95				rms ±0.6s	E 0	03 17 12.5			210
EVAL	E	0	17 15 13.8	E 0	17 16 05.8							mb 3.6	IV	LOS SANTOS			
AVE	E	0	17 15 21.0	I 0	17 16 23.5									MAIMONA.BA			
15 oct 01h 14m 28.2s 35°59'N 10°38'W rms ±0.9s mb 2.8 SW. CABO S.VICENTE									EVAL I 0 03 16 27.2 I 0 03 17 07.2 195								
EVAL	E	0	01 15 20.5	E 0	01 16 21.5				EHOR	I	0	03 16 28.8	E 0	03 17 12.5			210
AVE	E	0	01 15 25.0	I 0	01 16 32.0				MOE	I	C 0	03 16 36.8	I 0	03 17 34.8			
EHOR	E	0	01 15 37.0						EPLA	E	0	03 16 37.3	E 0	03 17 36.3	0.29	0.2	210
IFR	I	0	01 15 43.5	I 0	01 17 21.5				EPRU	E	0	03 16 38.3	E 0	03 17 38.6	0.10	0.3	150
TIO	I	0	01 15 52.0	I 0	01 16 05.5				PAB	I	D 0	03 16 41.0	E 0	03 17 46.0			240
EBAN	E	0	01 15 53.5	E 0	01 16 10.5				FIG	E	4	03 16 42.5	I 4	03 17 50.0			
GUD	E	0	01 16 06.3	E 0	01 17 27.1				EBAN	I	0	03 16 42.7	E 0	03 17 51.0	0.18	0.2	220
15 oct 16h 00m 31.8s 37°04'N 09°39'W 28Km rms ±0.8s mb 3.9 W. CABO S.VICENTE									MTE E 9 03 16 43.0 I 0 03 17 51.5								
FAR	E	0	16 00 54.5	I 0	16 02 05.5				AAPN	I	0	03 16 43.5	I 4	03 17 57.0			
FIG	I	D 0	16 00 56.0	I 0	16 02 09.5				EJIF	E	0	03 16 44.2	E 0	03 17 55.2	0.10	0.3	126
LIS	I	C 0	16 00 59.2	I 4	16 02 19.6				ASMO	I	0	03 16 47.5	E 4	03 18 11.7			
MOE	I	C 0	16 01 00.0	I 0	16 01 19.0				FAR	E	9	03 16 48.0	I 0	03 18 01.5			
MTH	I	C 0	16 01 01.0	I 0	16 01 23.0				ACHM	E	0	03 16 48.5	E 4	03 18 15.5			
EVAL	I	C 0	16 01 08.0	E 0	16 01 43.0			190	ATEJ	E	0	03 16 48.6	E 4	03 18 15.3			
CNIL	I	0	16 01 16.0						CNIL	I	4	03 16 50.0					
OJEN	I	4	16 01 20.0						AFC	E	0	03 16 50.0			0.05	0.3	155
COI	E	0	16 01 21.0	I 4	16 02 21.0				MTH	E	4	03 16 51.0	I 4	03 18 12.0			
MTE	I	C 9	16 01 21.0	I 0	16 02 25.0				APHE	E	0	03 16 51.0	E 4	03 18 24.5			
EJIF	I	C 0	16 01 22.6	E 0	16 02 24.3	0.10	0.3	170	MVO	I	C 0	03 16 52.0	I 4	03 18 25.0			
EPRU	E	0	16 01 24.2	E 0	16 02 28.2	0.08	0.2	170	GUD	I	0	03 16 53.0	E 0	03 18 19.0	0.06	0.2	215
EHOR	I	C 0	16 01 24.9	E 0	16 02 29.7	0.25	0.2	200	COI	E	4	03 16 53.3	I 4	03 18 17.3			
AVE	I	4	16 01 29.5	I 4	16 02 42.5				EVIA	E	0	03 16 56.2	E 0	03 18 29.2	0.06	0.4	
EPLA	I	C 0	16 01 32.2	E 0	16 02 50.2	0.20	0.3	190	TOL	I	9	03 16 53.0	I 0	03 18 14.5	0.17	0.8	180
PTO	I	C 0	16 01 32.5	I 4	16 02 43.0				LIS	E	9	03 16 54.0	I 0	03 18 13.7			
MAL	I	0	16 01 34.3	I 4	16 02 50.5	0.28	0.6	100	MAL	I	D 4	03 16 56.0	I 4	03 18 09.0	0.28	0.6	83
AAPN	I	0	16 01 36.4	E 0	16 03 00.0				ENIJ	E	0	03 17 05.0	E 0	03 17 53.0	0.02	0.4	
MVO	I	C 0	16 01 37.5	I 0	16 03 05.5				ERUA	E	0	03 17 10.0			0.05	0.4	190
ATEJ	I	0	16 01 38.1	E 0	16 03 04.0				ETOR	E	0	03 17 10.8			0.04	0.3	215
ACHM	E	0	16 01 39.7	E 0	16 03 09.1				PTO	E	4	03 17 20.7	I 4	03 17 53.3			
ASMO	E	0	16 01 40.5	E 0	16 03 11.7				EZAM				E 0	03 17 58.0	0.03	0.5	
EBAN	I	0	16 01 41.2	E 0	16 03 14.2	0.15	0.2	200	IFR	I	0	03 17 24.5	I 4	03 18 40.5			
PAB	I	C 0	16 01 41.6	I 0	16 03 17.6			250	STS				E 0	03 18 13.5	0.04	0.5	
APHE	E	0	16 01 41.7	E 0	16 03 14.9				AVE	E	0	03 17 27.0	I 4	03 18 50.0			
IFR	I	9	16 01 42.6	I 0	16 03 19.6				EMON				E 0	03 18 20.0	0.05	0.4	215
CRT	E	0	16 01 42.7	E 0	16 03 17.0				TIO	I	0	03 17 59.5	I 4	03 18 37.9			
AFC	I	0	16 01 42.9	E 0	16 03 19.9	0.07	0.3	180	EBR				E 0	03 18 38.0			
EZAM	I	0	16 01 46.0	E 0	16 01 47.0	0.05	0.3	140	16 oct 05h 42m 38.3s 43°32'N 00°42'W rms ±0.6s mb 3.2 MORLANNE.FR								
TOL	I	D 0	16 01 48.0	I 0	16 01 53.2	0.12	1.0	220	MADF				E 0	05 43 36.8			
GUD	I	0	16 01 52.2	E 0	16 02 05.7	0.05	0.3	230	ATE				E 0	05 43 38.6			
ERUA	E	0	16 01 53.0	E 0	16 02 09.0	0.06	0.3	160	ISSF				E 0	05 43 42.5			
EVIA	E	0	16 01 55.5	E 0	16 02 16.0	0.04	0.2	175	EPF				E 0	05 44 01.3			
STS	E	0	16 01 56.0	E 0	16 02 17.0	0.03	0.3	160	VIH				E 4	05 43 29.5			
ENIJ	E	0	16 01 57.0	E 0	16 02 17.4	0.03	0.3		SALF				E 0	05 43 35.3			
TIO	I	9	16 01 59.5	I 0	16 02 26.9				GRBF				E 0	05 43 42.0			
EMON	I	0	16 02 06.0	E 0	16 03 23.0	0.12	0.3	170	LFF				E 0	05 43 48.9			
ETOR	E	0	16 02 11.6	E 0	16 03 38.6	0.05	0.3	240	LPO				E 0	05 43 49.2			
EROQ	E	0	16 02 35.0	E 0	16 03 03.4	0.02	0.3		AVN				E 0	05 43 53.2			
AVN		4	16 02 42.6						CAF				E 0	05 43 17.7			
EBR	E	4	16 02 46.0						MRB				E 0	05 43 28.5	E 0	05 44 30.0	
EPF		0	16 02 48.8	4	16 03 39.6	0.02	0.4		EROQ	E	0	05 43 22.8	E 0	05 44 21.3	0.01	0.3	
VIH		0	16 02 49.1						ETOR	E	0	05 43 25.0	E 0	05 44 24.0			
LFF		0	16 03 07.5						MFF				E 0	05 43 27.4			
									GUD	E	0	05 43 38.5					

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
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17 oct 02h 26m 12.1s 35°31'N 05°42'W 67Km
rms ±0.9s mb 3.2 DAR CHAOUJ.MAC

OJEN I	0	02	26	25.0							
CNIL I	0	02	26	29.0							
EJIF I D	0	02	26	31.1	E 0	02	27	13.5	0.03	0.5	50
EPRU E	0	02	26	38.0							
IFR I	0	02	26	44.5	I 0	02	27	51.5			
ATEJ E	4	02	26	46.5	E 0	02	27	51.5			
AAPN E	4	02	26	48.5	E 0	02	27	59.0			
EHOR E	0	02	26	48.4	E 0	02	28	02.2			53
APHE					E 0	02	27	12.2			
ASMO					E 4	02	27	20.0			
EVAL E	0	02	26	46.4	E 0	02	27	57.4	0.06	0.2	
AVE I	0	02	26	52.0	I 0	02	28	14.0			
EBAN E	0	02	26	58.5	E 0	02	28	29.7	0.03	0.3	56
EVIA E	0	02	27	12.0	E 0	02	28	06.2	0.03	0.3	62
EPLA E	0	02	27	19.2	E 0	02	28	26.2			
TIO I	0	02	27	21.6	I 0	02	28	33.6			
GUD E	0	02	27	29.0	E 0	02	28	52.8			
ETOR E	0	02	27	39.2	E 0	02	27	41.8			

18 oct 01h 44m 27.3s 36°58'N 05°09'W 9Km
rms ±1.0s mb 2.9 ALCALA DEL VALLE.CA

EPRU I D	0	01	44	28.8	E 0	01	45	00.8			75
MAL I	4	01	44	35.5	I 4	01	45	18.5	0.28	0.8	85
EJIF E	0	01	44	39.0							82
ALOJ E	0	01	44	41.3	E 0	01	45	36.5			
AAPN E	0	01	44	42.2	E 0	01	45	38.7			
ATEJ E	0	01	44	42.3	E 0	01	45	38.9			
ACHM E	0	01	44	45.1	E 0	01	45	46.9			
APHE E	0	01	44	47.0	E 0	01	45	51.2			
ASMO E	0	01	44	48.6	E 0	01	45	54.6			
AFC E	0	01	44	51.0	E 0	01	45	59.3	0.02	0.4	64
EBAN E	0	01	44	54.8	E 0	01	46	10.3	0.03	0.4	66
EVAL E	9	01	44	55.2	E 0	01	46	10.0	0.02	0.3	62
PAB E	4	01	45	13.0							90
EVIA E	9	01	45	18.0	E 0	01	46	07.0	0.02	0.4	90
GUD E	0	01	45	25.0	E 0	01	46	31.0			

18 oct 21h 27m 23.2s 39°45'N 08°51'W 20Km
rms ±0.8s mb 3.7 III-IV LEIRIA.PORT

COI I C	0	21	27	32.9	I 0	21	28	14.8			
MTE I C	9	21	27	37.5	0	21	28	29.5			
MTH I D	0	21	27	38.2	I 0	21	28	28.7			
LIS I D	0	21	27	41.3	I 0	21	28	36.1			
MVO E	0	21	27	53.7	4	21	29	17.2			
EPLA E	0	21	27	57.0					0.23	0.3	180
EZAM E	0	21	28	01.6	E 0	21	28	29.4	0.12	0.3	100
EVAL E	0	21	28	05.6	E 0	21	28	41.6	0.14	0.3	150
FIG E	0	21	28	06.1	I 4	21	28	55.1			
FAR E	0	21	28	07.0	E 4	21	28	58.5			
ERUA I D	0	21	28	08.4	E 0	21	28	49.4	0.06	0.3	140
STS E	0	21	28	11.4	E 0	21	28	58.4	0.07	0.3	120
EHOR E	0	21	28	13.8	E 0	21	29	06.2	0.12	0.3	175
PAB I D	0	21	28	15.6	E 0	21	29	11.1			240
GUD E	0	21	28	18.6	E 0	21	29	17.6	0.04	0.3	200
TOL I C	0	21	28	18.7	E 0	21	29	18.7	0.09	1.0	180
EMON E	0	21	28	20.8	E 0	21	29	23.8	0.12	0.3	130
EPRU E	0	21	28	23.5	E 0	21	29	30.0	0.14	0.9	190
EBAN E	0	21	28	25.5	E 0	21	29	37.5	0.06	0.3	170
EJIF E	0	21	28	27.2	E 0	21	29	41.4	0.07	0.7	165
AAPN E	0	21	28	30.0	E 0	21	29	47.0			

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
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ALOJ E	0	21	28	31.0	E 0	21	29	51.5			
ATEJ E	0	21	28	34.5	E 0	21	29	59.0			
ASMO E	4	21	28	36.0	E 0	21	29	58.5			
EVIA E	0	21	28	37.6					0.12	0.5	210
APHE E	4	21	28	39.0	E 0	21	30	09.0			
ACHM					E 0	21	29	24.5			
ETOR E	0	21	28	40.6					0.02	0.4	210
ECHE E	0	21	28	50.8							
AVN	0	21	29	11.0							
EPF	0	21	29	12.8					0.01	0.5	
MAL E	4	21	29	23.0	I 4	21	30	13.6			
LFF	0	21	29	27.5							

21 oct 05h 24m 56.4s 37°04'N 03°35'W
rms ±0.6s mb 3.2 III-IV DILAR.GR

CRT I	0	05	24	58.8	E 0	05	25	59.9			
APHE I	0	05	24	59.2	E 0	05	26	01.1			
AFC I C	0	05	24	59.7							90
ACHM I	0	05	24	59.9	E 0	05	26	03.1			
ASMO E	0	05	25	01.8	E 0	05	25	08.2			
ATEJ I	0	05	25	02.7	E 0	05	25	11.2			
ALOJ E	0	05	25	03.2	E 0	05	25	12.8			
AAPN E	0	05	25	05.3	E 0	05	25	16.4			
MAL I	0	05	25	09.7	I 0	05	25	28.7			
ALM E	0	05	25	13.9	I 0	05	25	39.1			
ENIJ I C	0	05	25	16.0	E 0	05	25	46.9	0.05	0.3	90
EBAN I	0	05	25	17.1	E 0	05	25	48.3	0.10	0.2	90
EPRU					E 0	05	25	39.0	0.07	0.7	77
EHOR E	0	05	25	23.2	E 0	05	26	07.2	0.04	0.3	80
EVIA E	0	05	25	27.8	E 0	05	26	17.5	0.11	0.4	115
PAB E	9	05	25	48.5	I 0	05	27	09.5			100
TOL E	4	05	25	50.0	I 4	05	27	17.0	0.03	0.8	80
GUD E	0	05	25	53.0	E 0	05	27	28.0	0.02	0.5	
ETOR E	0	05	25	58.0					0.02	0.5	

22 oct 10h 08m 40.9s 43°15'N 01°03'W
rms ±0.8s mb 3.0 ST.PALAIS.FR

ELYF C	0	10	08	42.5	E 0	10	09	26.7			
MADF C	0	10	08	44.5	E 0	10	09	32.3			
ISSF	0	10	08	44.8	E 0	10	09	33.3			
EPF	0	10	08	59.8	0	10	10	14.2	0.05	0.3	
ECRI E	0	10	09	05.0	E 0	10	09	25.5			35
SALF	9	10	09	12.8	0	10	09	48.1			
LESF	9	10	09	14.4	0	10	09	52.4			
LPO	0	10	09	17.6					0.01	0.3	
LFF	4	10	09	22.8	4	10	10	15.2	0.01	0.3	
ETOR E	0	10	09	22.2							65
CAF	0	10	09	26.3					0.01	0.3	
EROQ E	9	10	09	31.2	E 0	10	10	35.2	0.02	0.3	70
RJF	4	10	09	33.5	4	10	10	44.5	0.01	0.3	
GUD E	0	10	09	34.5							
LSF	0	10	09	35.2	0	10	10	50.6			

22 oct 19h 04m 27.5s 39°03'N 00°29'W 5Km
rms ±0.7s mb 3.2 IV JATIVA.V

VIV I D	0	19	04	37.0	E 0	19	05	22.0			
ACU I	0	19	04	37.5	E 0	19	05	23.0	0.13	0.3	60
ECHE I D	0	19	04	40.0	E 0	19	05	29.2	0.16	0.3	90
EVIA I	0	19	04	54.5	E 0	19	06	10.5	0.12	0.3	100
EROQ I	0	19	04	59.0	E 0	19	06	21.5	0.02	0.3	75
EBR E	0	19	05	01.0	E 4	19	05	38.0			

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
ETOR	E	9	19 05 07.5	E	0	19 05 42.3	0.02	0.3	85
ENIJ	E	0	19 05 08.0						
EBAN	I	0	19 05 09.0	E	0	19 05 50.4	0.02	0.3	85
ESEL	E	0	19 05 10.0	E	0	19 05 52.4			
AFC	E	0	19 05 14.2						
PAB	E	0	19 05 15.0	E	4	19 06 01.5			100
ASMO	E	0	19 05 15.0	E	0	19 06 07.0			
APHE	E	0	19 05 19.0						
AAPN	E	0	19 05 19.0	E	0	19 06 17.0			
ALOJ	E	0	19 05 20.5	E	0	19 06 22.1			
ATEJ	E	0	19 05 21.5	E	4	19 06 25.5			
TOL	E	9	19 05 23.0	I	0	19 06 21.5	0.04	1.0	110
GUD	E	9	19 05 29.4	E	0	19 06 36.8	0.01	0.4	82

22 oct 23h 53m 39.2s 36°24'N 04°34'E 30Km
rms ±0.7s mb 4.0 M'CHEDALLAH.ARG

ESEL	I	0	23 54 33.0	E	0	23 55 45.0	0.11	0.5	255
TAF	E	4	23 54 42.0						
ACU	I	0	23 54 44.0	E	0	23 56 17.0	0.05	0.5	75
EALH	E	0	23 54 51.0						
ENIJ	E	9	23 54 54.5	E	0	23 55 08.5	0.01	0.5	120
ECHE	E	0	23 54 57.8	E	0	23 55 13.8	0.07	0.8	130
EBR	E	0	23 54 57.0						
EROQ	I	0	23 54 58.0	E	0	23 55 16.0	0.02	0.5	120
OLT	0	0	23 55 05.7						
EVIA	E	0	23 55 06.2				0.03	0.4	175
ETER	E	0	23 55 06.5	E	0	23 56 17.5	0.04	0.8	105
AVN	0	0	23 55 09.5						
AFC	E	0	23 55 13.2						
EBAN	E	0	23 55 16.8						140
ETOR	E	0	23 55 18.0						155
CVF	0	0	23 55 18.7	0	23 56 53.3	0.01	0.5		
VIH	0	0	23 55 19.0						
LMR	0	0	23 55 21.8	0	23 56 59.0	0.01	0.6		
LRG	0	0	23 55 21.4	0	23 57 00.0	0.02	0.6		
FRF	0	0	23 55 24.0	0	23 55 27.2	0.01	0.6		
EPF	0	0	23 55 26.7	0	23 55 31.7	0.02	0.6		
GUD	E	0	23 55 33.8	E	0	23 55 54.8			120
IFR	I	0	23 55 41.0						
ERUA	E	0	23 56 12.0						
AVE	E	4	23 57 09.0						
TIO	I	4	23 58 53.0						

23 oct 09h 49m 47.9s 39°44'N 08°54'W 16Km
rms ±0.4s mb 3.0 LEIRIA.PORT

COI	E	0	09 49 58.7	E	0	09 51 05.8			
LIS	E	4	09 50 02.0	I	0	09 50 22.2			
MTE	I	9	09 50 02.7	I	0	09 50 20.7			
MTH	E	0	09 50 03.5	I	0	09 50 19.5			
MOE	I	0	09 50 09.5	I	0	09 50 35.0			
MVO	I	0	09 50 20.2	I	4	09 51 08.4			
EPLA	E	9	09 50 25.7	E	0	09 51 18.2	0.07	0.3	
EZAM				E	0	09 50 54.0	0.01	0.3	
ERUA	E	0	09 50 33.1				0.02	0.4	
EVAL	E	0	09 50 30.3	E	0	09 51 31.9	0.03	0.3	
STS				E	0	09 51 12.6	0.01	0.3	
EBAN	E	0	09 50 51.6				0.01	0.3	
EMON	E	0	09 50 45.2						
PAB	E	4	09 51 12.0						70
TOL				E	4	09 51 38.0			

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
25 oct 00h 37m 27.8s 38°14'N 00°25'E 20Km rms ±0.6s mb 2.9 E. CABO SANTA POLA									
ACU	E	0	00 37 40.8	E	0	00 38 30.8	0.08	0.2	45
VIV	E	0	00 37 53.5						
ECHE	E	0	00 37 57.4	E	0	00 39 13.9	0.01	0.4	45
EVIA	E	0	00 38 04.0	E	0	00 38 35.0			50
ESEL	E	0	00 38 06.6	E	0	00 38 40.1			
EROQ	E	0	00 38 07.8						

26 oct 03h 14m 53.2s 43°46'N 06°07'W
rms ±0.6s mb 3.4 III-IV N. CABO VIDIO

EMON	I	0	03 15 10.1	E	0	03 15 31.1	0.24	0.2	130
ERUA	I	0	03 15 17.0	E	0	03 15 52.2	0.16	0.3	90
STS	E	0	03 15 24.3	E	0	03 16 10.3	0.06	0.3	95
EZAM	E	0	03 15 31.0	E	0	03 16 29.5	0.02	0.3	62
MVO	E	9	03 15 40.0	0	03 16 51.0				
GUD	E	0	03 15 43.5	E	0	03 17 05.5	0.03	0.3	130
EPLA				E	0	03 16 27.7	0.02	0.2	
MTE	E	9	03 15 54.5	0	03 17 27.5				
EPF	0	0	03 16 03.2	0	03 16 57.1				
ETOR				0	03 16 41.4	0.02	0.4		
LFF	0	0	03 16 06.6	0	03 17 07.2				
MFF	0	0	03 16 07.4	0	03 17 09.4				
LPO	0	0	03 16 10.2	0	03 17 17.2				
LPF	0	0	03 16 13.5	0	03 17 26.4				
PAB				E	0	03 16 47.0			125
TOL				E	4	03 16 57.5			

29 oct 16h 07m 24.7s 36°54'N 03°54'W 65Km
rms ±0.5s mb 3.0 SIERRA DE ALMIJARA.GR

ATEJ	E	0	16 07 33.7	E	0	16 08 14.0			
APHE	I	0	16 07 34.3	E	0	16 08 15.2			
ACHM	I	0	16 07 34.6	E	0	16 08 16.1			
ALOJ	E	0	16 07 34.9	E	0	16 08 17.1			
MAL	I	0	16 07 36.0	I	0	16 08 20.5			
CRT	E	0	16 07 36.2	E	0	16 08 20.1			
AFC	I	0	16 07 36.7	E	0	16 08 20.7	0.05	0.2	45
AAPN	E	0	16 07 36.9	E	0	16 08 22.4			
ASMO	I	0	16 07 37.0	E	0	16 08 23.0			
ENIJ	E	0	16 07 47.0	E	0	16 08 50.6	0.01	0.3	45
EBAN	E	0	16 07 46.7	E	0	16 08 47.7	0.03	0.2	55
EHOR	E	0	16 07 48.0	E	0	16 08 52.4	0.02	0.2	55
EVIA				E	0	16 08 20.2	0.04	0.2	
EVAL				E	0	16 08 27.8	0.01	0.3	
ETOR	E	0	16 08 26.0	E	0	16 09 36.8			

29 oct 19h 09m 14.6s 36°45'N 02°26'E 5Km
rms ±0.8s mb 5.7 VIII NE. CHERCHELL

ACU	I	0	19 09 58.8						
ESEL	I	0	19 10 01.9						
ENIJ	E	9	19 10 09.0	E	0	19 11 01.2			
ALM	E	4	19 10 12.4	I	4	19 11 30.9			
ECHE	E	0	19 10 13.9						
EVIA	E	0	19 10 20.0						
EBR	I	0	19 10 20.0						
TAF	I	0	19 10 21.5						
EROQ	I	0	19 10 20.2	E	0	19 11 30.7	0.21	0.7	
EMEL	E	0	19 10 22.0	E	0	19 11 37.0			
AFC	E	0	19 10 26.5	E	0	19 11 47.5			

EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E	W	HORA S	AMP	PER	DUR
MRB	0		19 10 27.6							EVIA	E	0	19 22 59.6						525
APHE	E	0	19 10 28.3	E	4	19 11 57.2				TAF	I	0	19 23 00.5						
ASMO	E	0	19 10 29.9	E	4	19 12 02.2				EBR	I	0	19 23 00.0						
EBAN	I	0	19 10 30.3	E	0	19 12 00.3	0.93	0.7		EROQ	E	0	19 23 00.6	E	0	19 23 48.6			520
CRT	E	4	19 10 30.4	E	4	19 11 58.4				EMEL	E	0	19 23 02.5	E	0	19 23 54.5			480
ACHM	E	0	19 10 30.8	E	4	19 12 03.1				AFC	E	0	19 23 05.5				0.44	0.6	420
ATEJ	E	0	19 10 32.2	E	4	19 12 07.5				APHE	E	0	19 23 06.8	E	0	19 24 08.8			
ALOJ	E	0	19 10 33.7	E	4	19 12 11.1				CRT	E	0	19 23 07.1	E	0	19 24 08.4			
AAPN	E	0	19 10 33.9	I	4	19 12 12.6				ASMO	E	0	19 23 08.3	E	0	19 24 13.1			
OLT	0		19 10 34.7							ACHM	E	0	19 23 08.9	E	0	19 24 14.9			
MAL	I	0	19 10 35.5	I	4	19 11 52.0	1.92	1.0		EBAN	I	0	19 23 10.2	E	0	19 24 17.2	0.21	0.5	420
ETOR	E	9	19 10 36.5	E	0	19 12 13.5				ATEJ	E	0	19 23 10.5	E	0	19 24 19.0			
ETER	I	0	19 10 37.2	I	0	19 10 37.2				ALOJ	E	0	19 23 12.1	E	0	19 24 21.8			
PAB	I	0	19 10 42.2							AAPN	I	0	19 23 12.7	I	0	19 24 24.2			
TOL	I	0	19 10 42.8	E	4	19 10 54.3	2.01	1.1		MAL	I	0	19 23 14.0	I	4	19 23 42.5	0.80	0.8	
VIH	0		19 10 43.9							ETOR	E	9	19 23 16.0	E	0	19 24 31.0	0.53	0.7	500
EHOR	E	0	19 10 45.3	E	0	19 11 00.8	1.05	0.9		ETER	E	0	19 23 16.0	E	0	19 24 32.0			410
EJIF	E	0	19 10 48.6				0.89	1.0		TOL	I	0	19 23 22.0	E	0	19 24 50.0	1.15	0.9	
BMK	E	4	19 10 48.8							VIH	0	19 23 23.7							
GUD	I	0	19 10 49.0	E	0	19 11 10.0				EHOR	E	0	19 23 24.5	E	0	19 24 57.5	0.20	0.6	420
EPF	0		19 10 51.0	0		19 11 13.2				EPRU	E	0	19 23 25.0				1.44	1.5	525
OJEN	E	4	19 10 53.0							EJIF	E	0	19 23 27.0				0.37	0.8	480
MOMI	E	4	19 10 55.0							GUD	I	0	19 23 29.0	E	0	19 25 07.0	0.21	0.5	450
ATE	D	0	19 10 55.3							EPF	0	19 23 30.8	0		19 23 31.6	0.34	0.5		
CNIL	E	0	19 10 56.0							CNIL	E	0	19 23 33.0						
MADF	0		19 10 56.2							MOMI	E	4	19 23 34.0						
BOH	0		19 10 57.0	E	4	19 11 32.7				ISSF	0	19 23 34.5	E	0	19 23 41.7				
IFR	I	0	19 10 58.0							OJEN	E	4	19 23 35.0						
LMR	0		19 11 00.8	0		19 12 21.4				MADF	0	19 23 35.9	E	0	19 23 45.9				
Eval	E	0	19 11 02.4	E	0	19 12 23.9	0.50	1.1		LMR	0	19 23 41.0	0		19 23 58.2				
LRG	0		19 11 02.5	0		19 12 24.5	1.72	0.7		IFR	I	4	19 23 41.0						
FRF	0		19 11 04.5	0		19 12 30.5				LRG	0	19 23 42.2	0		19 24 02.0	4.71	0.9		
CVF	0		19 11 05.9	0		19 12 33.7				Eval	E	0	19 23 42.0	E	0	19 24 02.0	0.35	1.2	450
MTE	E	4	19 11 14.5	I	4	19 11 14.5				FRF	0	19 23 44.6	0		19 24 08.6				
MVO	E	0	19 11 18.5	I	4	19 11 28.0				CVF	0	19 23 45.1	0		19 24 11.3				
MOE	E	0	19 11 20.5	I	0	19 11 36.5				LIJA	E	4	19 23 50.0						
FAR	E	4	19 11 21.0	4		19 11 33.2				MTE	I	9	19 23 53.2	I	4	19 24 36.9			
AVE	I	0	19 11 22.5							MVO	I	0	19 23 57.0	I	0	19 24 48.5			
COI	E	0	19 11 27.7	I	0	19 11 54.4				FAR	E	4	19 23 58.5						
ERUA	I	0	19 11 28.4	E	0	19 11 59.9				MOE	I	0	19 23 59.0	I	0	19 24 53.0			
LIS	I	0	19 11 32.4							AVE	E	0	19 24 02.0						
MTH	E	0	19 11 33.0	I	0	19 12 07.0				COI	E	0	19 24 06.7	I	0	19 24 12.7			
EMON	E	0	19 11 39.0				0.53	0.9		ERUA	I	0	19 24 08.0	E	0	19 24 17.5	0.13	0.5	450
TIO	I	0	19 11 39.0							LIS	I	0	19 24 09.0						
EZAM	E	0	19 11 41.0	0		19 12 32.0	0.28	1.2		MTH	E	0	19 24 10.0	I	0	19 24 22.0			
STS	E	0	19 11 44.0	E	0	19 12 40.8	0.10	0.7		EMON	E	0	19 24 18.0				0.09	0.5	550

29 oct 19h 20m 54.3s 36°46'N 02°26'E
rms ±0.5s mb 3.5 NE. CERCHELL

ACU	I	0	19 21 36.6	E	0	19 22 44.6			55
ESEL	E	0	19 21 39.3	E	0	19 22 51.8	0.04	0.2	
ECHE	E	0	19 21 52.0	E	0	19 23 26.2	0.03	0.3	
EVIA	E	0	19 21 57.5	E	0	19 22 03.5	0.03	0.2	
EROQ	E	0	19 21 58.0	E	0	19 22 03.0	0.05	0.3	
EBR	4		19 22 00.0						
EBAN	E	0	19 22 07.8						
GUD	I	0	19 22 27.0						

29 oct 19h 21m 55.4s 36°41'N 02°30'E 31Km
rms ±0.8s mb 5.4 NE. CERCHELL

ACU	I	0	19 22 38.6						
ESEL	E	0	19 22 42.0						
ENIJ	E	9	19 22 48.0	E	0	19 24 17.0	0.40	0.5	520
ECHE	E	0	19 22 54.0						475

29 oct 19h 44m 04.0s 36°47'N 02°23'E 14Km
rms ±0.6s mb 4.1 NE. CERCHELL

ACU	E	0	19 44 48.3	E	0	19 46 07.3	0.10	0.4	95
ESEL	I	0	19 44 50.2	E	0	19 46 15.0	0.12	0.3	
ENIJ				E	0	19 44 00.0	0.02	0.3	
ECHE	E	0	19 45 03.0	E	0	19 45 48.0	0.04	0.5	
EBR	E	0	19 45 08.0						
EVIA	E	0	19 45 08.2	E	0	19 46 05.2	0.06	0.4	
EROQ	E	0	19 45 08.3	E	0	19 46 05.3	0.02	0.3	
APHE	E	0	19 45 16.0						
ASMO	E	0	19 45 17.5	E	0	19 46 29.5			
EBAN	E	0	19 45 17.9	E	0	19 46 33.7	0.01	0.4	95
ATEJ	E	0	19 45 20.0						
AAPN	E	0	19 45 21.0	E	0	19 46 41.5			
OLT	0		19 45 23.0						
ETOR	E	9	19 45 25.5	E	0	19 46 50.0	0.01	0.4	
ETER	E	0	19 45 25.9	E	0	19 46 52.9	0.02	0.3	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
TAF	E	4	19 45 30.0						EVIA	E	0	02 32 51.2	E 0	02 32 51.7			
GUD	E	0	19 45 37.2	E 0	19 45 43.7	0.02	0.5		OLT	0	02 33 04.2						
EPF	4	19 45 40.0		E 0	19 45 48.0	0.01	0.4		GUD	E	0	02 33 18.7					
LMR	0	19 45 49.0				0.01	0.4		EPF	0	02 33 21.0	0	02 34 50.2				
LRG	0	19 45 50.4				0.01	0.4		LMR	0	02 33 29.4						
FRF	0	19 45 52.6		0	19 46 26.6	0.03	0.4		LRG	0	02 33 30.7						
CVF	0	19 45 54.0							FRF	0	02 33 33.0	0	02 33 47.0	0.01	0.4		
ERUA	E	0	19 46 16.5			0.01	0.3	84	CAF	0	02 33 44.3						
29 oct 20h 20m 16.8s 36°50'N 02°28'E 25Km rms ±0.8s mb 3.8 NE. CHERCHELL									31 oct 04h 13m 40.9s 36°49'N 02°25'E 13Km rms ±0.7s mb 3.9 NE. CHERCHELL								
ACU	I	0	20 20 58.8	E 0	20 22 29.0	0.09	0.5	70	ACU	I	0	04 14 23.3	E 0	04 15 18.8	0.12	0.4	90
ESEL	I	0	20 21 01.2	E 0	20 21 35.7	0.06	0.3	95	ESEL	E	0	04 14 26.0	E 0	04 15 26.8	0.13	0.5	
ENIJ				E 0	20 21 53.0	0.02	0.3		ENIJ	E	9	04 14 37.0	E 0	04 15 54.5	0.03	0.4	
ECHE	E	0	20 21 14.7	E 0	20 22 11.7	0.02	0.4	85	ECHE	E	0	04 14 39.5	E 0	04 16 02.5	0.03	0.4	
EBR	E	0	20 21 19.0						EROQ	E	0	04 14 44.8	E 0	04 16 18.3	0.04	0.4	
EVIA	E	0	20 21 19.8	E 0	20 22 27.3	0.06	0.4	95	EVIA	E	0	04 14 45.0	E 0	04 16 18.0	0.10	0.4	
EROQ	E	0	20 21 20.0	E 0	20 22 26.3	0.03	0.3	100	EBR	E	0	04 14 45.0	E 4	04 14 50.0			
MRB	0	20 21 27.0							AFC	E	0	04 14 51.5					120
OLT	0	20 21 34.0							MRB	0	04 14 51.7						
EBAN	E	0	20 21 31.3	E 0	20 23 00.3				ASMO	I	0	04 14 55.5	E 4	04 15 06.9			
AAPN	E	0	20 21 35.0	E 0	20 23 06.5				ACHM	E	0	04 14 55.5					
APHE	E	4	20 21 35.4						APHE				E 0	04 14 07.5			
ASMO	E	4	20 21 36.0	E 4	20 23 08.5				EBAN	E	0	04 14 56.0	E 0	04 15 09.4	0.02	0.4	110
ETOR	E	9	20 21 37.0	E 0	20 23 11.2			100	ATEJ				E 0	04 14 14.4			
ETER	E	0	20 21 37.2						ALOJ	E	0	04 14 58.5	E 4	04 15 09.5			
GUD	E	0	20 21 49.3	E 0	20 22 09.3			120	AVN	0	04 14 58.1						
EPF	0	20 21 50.5		E 0	20 22 10.5	0.01	0.4		OLT	0	04 14 59.0						
LMR	0	20 21 59.6				0.01	0.3		AAPN	E	0	04 14 59.0	I 4	04 15 17.4			
LRG	0	20 22 01.2				0.01	0.4		ETOR	E	0	04 15 01.0					
FRF	0	20 22 03.0		0	20 23 27.0	0.02	0.4		TOL	E	0	04 15 06.0	E 4	04 16 22.0			
CVF	0	20 22 04.0							PAB	E	0	04 15 07.5	E 0	04 16 22.5			
IFR	E	4	20 22 19.0						TAF	E	4	04 15 12.0					
ERUA	I	0	20 22 28.4						GUD	E	0	04 15 14.6	E 0	04 16 39.6	0.02	0.5	120
TIO	I	4	20 25 38.0						EPF	0	04 15 15.4	0	04 16 39.4	0.01	0.4		
29 oct 22h 01m 56.7s 36°46'N 02°28'E 25Km rms ±0.5s mb 3.6 NE. CHERCHELL									31 oct 04h 16m 54.1s 36°51'N 02°29'E rms ±0.7s mb 4.0 NE. CHERCHELL								
ACU	I	0	22 02 39.7	E 0	22 03 51.7	0.04	0.3	70	ACU	E	0	04 17 38.3			0.04	0.4	87
ESEL	E	0	22 02 41.8	E 0	22 03 57.3	0.06	0.3	95	ESEL	E	0	04 17 40.6	E 0	04 18 55.4	0.07	0.3	100
ENIJ	E	0	22 02 51.2	E 0	22 04 25.2			80	ECHE	E	0	04 17 54.5	E 0	04 19 33.3			100
ECHE	E	0	22 02 54.8	E 0	22 04 33.6			85	EROQ	E	0	04 18 00.0	E 0	04 18 48.0	0.02	0.3	95
EROQ	E	0	22 03 00.3	E 0	22 03 48.3	0.02	0.3	85	EVIA				E 0	04 18 48.5	0.03	0.4	95
EVIA	E	0	22 03 01.0	E 0	22 03 49.0	0.04	0.3	90	EBR	E	0	04 18 00.0	E 4	04 18 59.0			
MRB	0	22 03 07.5							ASMO	E	0	04 18 09.0	E 0	04 19 15.0			
EBAN	E	0	22 03 11.6	E 0	22 04 19.3			75	AVN	0	04 18 10.7						
OLT	0	22 03 14.7							OLT	0	04 18 13.2						
ETER	E	0	22 03 17.6						APHE	E	4	04 18 14.5					
GUD	E	0	22 03 29.8	E 0	22 03 29.8			116	AAPN				E 4	04 19 15.0			
EPF	0	22 03 30.7		0	22 03 31.2				PAB	E	4	04 18 21.0	E 0	04 19 52.0			
LMR	0	22 03 41.0				0.01	0.4		GUD	E	0	04 18 29.0	E 0	04 20 08.6			
LRG	0	22 03 43.0				0.01	0.4		EPF	4	04 18 31.0	0	04 18 31.0	0.01	0.4		
FRF	0	22 03 44.8		0	22 04 09.6	0.02	0.4		LMR	0	04 18 39.3			0.01	0.4		
CVF	0	22 03 44.7							LRG	0	04 18 40.9			0.02	0.4		
ERUA	I	0	22 04 08.9						FRF	0	04 18 43.2	0	04 19 07.4	0.02	0.4		
30 oct 02h 31m 45.7s 36°52'N 02°31'E rms ±0.6s mb 3.6 NE. CHERCHELL									31 oct 04h 18m 43.6								
ESEL	E	0	02 32 31.0	E 0	02 33 36.0	0.05	0.3	82	CVF	0	04 18 43.6						
ECHE	E	0	02 32 44.3	E 0	02 34 12.3			63									
EROQ	E	0	02 32 49.5	E 0	02 34 27.0	0.02	0.3	82									

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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31 oct 04h 33m 29.4s 36°48'N 02°29'E
rms ±0.5s mb 3.5 NE. CHERCHELL

ACU E	0	04	34	14.0		0.01	0.3	60			
ESEL E	0	04	34	16.0	E 0	04	35	07.0	0.03	0.3	65
ECHE E	0	04	34	29.5	E 0	04	35	43.5			70
EROQ E	0	04	34	35.0	E 0	04	35	58.0			85
EVIA					E 0	04	35	24.6			
GUD E	0	04	35	03.9							
EBR E	4	04	35	29.0							

31 oct 06h 10m 09.1s 36°49'N 02°33'E
rms ±0.4s mb 3.6 NE. CHERCHELL

ACU I C 0	06	10	53.8			0.03	0.3	80			
ESEL E	0	06	10	55.8	E 0	06	12	25.8	0.03	0.3	81
ECHE E	0	06	11	09.0	E 0	06	12	02.5			80
EROQ E	0	06	11	14.5	E 0	06	12	18.5	0.01	0.4	80
EVIA					E 0	06	12	05.6	0.03	0.3	
OLT	0	06	11	28.6							
ASMO E	4	06	11	33.5	E 0	06	12	56.0			
AAPN E	4	06	11	35.0	E 0	06	13	03.0			
PAB E	4	06	11	43.0	E 0	06	11	49.0			
GUD E	0	06	11	44.4	E 0	06	12	00.2			
IFR E	4	06	12	23.0	I 4	06	12	54.0			

31 oct 07h 09m 42.6s 36°25'N 05°51'W
rms ±0.8s mb 2.7 MEDINA SIDONIA. CA

CNII I	0	07	09	46.0							75
EJIF I	0	07	09	47.0	E 0	07	10	40.0	0.19	0.3	75
PLAT I	0	07	09	48.0							75
OJEN I	0	07	09	50.0							75
EPRU E	0	07	09	55.6					0.02	0.4	70
EVAL E	0	07	10	08.8	E 0	07	10	33.4			
EHOR E	0	07	10	09.4	E 0	07	10	38.9	0.01	0.4	52

31 oct 10h 01m 10.7s 40°30'N 02°49'W 10Km
rms ±0.4s mb 3.0 SACEDON. GU

ETOR E	0	10	01	23.0	E 0	10	01	55.0	0.06	0.2	70
GUD I	0	10	01	28.8	E 0	10	02	12.1	0.02	0.2	80
PAB I	0	10	01	36.0	I 0	10	02	31.0			60
ECHE E	0	10	01	38.5	E 0	10	02	39.0	0.02	0.4	45
VIV E	0	10	01	41.0	E 0	10	02	43.5			
EVIA E	0	10	01	42.0	E 0	10	02	46.2	0.07	0.3	60
EBAN					E 0	10	02	19.4	0.01	0.3	53
EPLA E	9	10	01	58.4	E 0	10	03	26.4	0.02	0.3	

31 oct 21h 26m 30.5s 36°51'N 02°27'E 16Km
rms ±0.6s mb 3.6 NE. CHERCHELL

ACU I D 0	21	27	12.8	E 0	21	27	57.8	0.09	0.4	70	
ESEL I	0	21	27	15.0	E 0	21	28	03.5	0.10	0.4	235
ENIJ E	9	21	27	24.0	E 0	21	28	29.0	0.02	0.3	95
ECHE E	0	21	27	28.5	E 0	21	28	40.5	0.04	0.5	85
EROQ I	0	21	27	34.0	E 0	21	28	55.5	0.03	0.3	100
EBR E	0	21	27	34.0							
EVIA E	0	21	27	34.5	E 0	21	28	56.5	0.08	0.4	110
MRB	0	21	27	40.2							
APHE E	0	21	27	42.4							

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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ASMO E	0	21	27	44.0	E 4	21	27	47.5			
EBAN E	0	21	27	45.2	E 0	21	27	48.0			100
ATEJ E	0	21	27	47.0	E 0	21	27	52.5			
AVN	0	21	27	47.5							
AAPN E	0	21	27	47.8	E 4	21	27	58.5			
ALOJ E	0	21	27	48.0	E 4	21	27	56.4			
TAF E	4	21	27	48.0							
OLT	0	21	27	48.5							
ETOR E	0	21	27	50.0							120
PAB E	0	21	27	57.0	E 0	21	28	21.0			160
TOL E	0	21	27	57.0	E 0	21	28	20.0			150
GUD E	0	21	28	03.5	E 0	21	29	17.3	0.02	0.5	120
EPF	0	21	28	04.2	0	21	29	17.6	0.01	0.4	120
AVE E	4	21	28	14.0							
LPO	0	21	28	24.7							120
CAF	0	21	28	27.3							120
LFF	0	21	28	28.0							120
RJF	0	21	28	32.8							120
ERUA E	0	21	28	42.5							
IFR E	4	21	31	14.0							

01 nov 11h 32m 35.0s 36°50'N 02°22'E 13Km
rms ±0.6s mb 4.1 NE. CHERCHELL

ACU E	0	11	33	17.2	E 0	11	34	06.2	0.09	0.4	110
ESEL I D 0	11	33	20.2	E 0	11	34	13.7	0.17	0.3	270	
ENIJ E	9	11	33	27.2	E 0	11	34	36.0	0.03	0.4	150
VIV E	0	11	33	30.2	E 0	11	34	42.2			
ECHE E	0	11	33	32.5	E 0	11	34	48.5	0.06	0.4	210
TAF E	4	11	33	34.0							
EBR E	0	11	33	38.0	E 4	11	35	13.0			
EVIA E	0	11	33	38.2	E 0	11	35	05.2	0.08	0.4	220
EROQ E	0	11	33	39.0	E 0	11	35	04.2	0.09	0.3	200
AFC E	0	11	33	45.2							110
MRB	0	11	33	45.5							
APHE E	0	11	33	46.5	E 4	11	35	00.0			
ASMO E	0	11	33	47.0	E 4	11	35	01.0			
ACHM E	0	11	33	49.5	E 4	11	35	09.5			
ATEJ E	0	11	33	50.5	E 4	11	35	10.5			
ALOJ E	0	11	33	51.5	E 4	11	35	12.5			
AVN	0	11	33	52.2							
OLT	0	11	33	53.0							
ETOR E	0	11	33	53.5							165
ETER I	0	11	33	55.6	E 0	11	34	12.1	0.09	0.4	105
TOL E	0	11	34	00.3	E 4	11	35	17.3			140
VIV	0	11	34	02.5							
GUD E	0	11	34	08.0	E 0	11	35	26.5	0.01	0.5	140
EPF	0	11	34	09.2	0	11	35	26.8	0.02	0.3	
NKM E	4	11	34	15.0							
LPO	0	11	34	29.0							
CAF	0	11	34	32.4							
LFF	0	11	34	33.2						0.01	0.3
RJF	0	11	34	37.6							
ERUA I C 0	11	34	47.0								
AVE E	4	11	36	38.0							

02 nov 06h 00m 26.3s 36°32'N 09°01'W 80Km
rms ±0.7s mb 4.5 III-IV S. CABO SAN VICENTE

FAR I C 0	06	00	45.1	I 0	06	01	42.9				
EVAL I C 0	06	00	58.8								235
LIS I D 0	06	01	01.0	I 0	06	01	27.3				
MTH I C 0	06	01	03.5	I 0	06	01	34.5				
PLAT E	0	06	01	07.0							
EJIF I	0	06	01	09.5	E 0	06	01	53.0	0.53	0.4	255
SRQ E	0	06	01	10.0							

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
OJEN	E	0	06 01 10.0						
EPRU	I	C	06 01 12.2	E	0	06 01 59.2	0.30	0.5	230
NKM	I	0	06 01 13.0	I	4	06 01 54.5			
EHOR	I	C	06 01 14.8				0.30	0.3	285
AVE	I	4	06 01 15.2	I	4	06 02 01.2			
MTE	9	06 01 19.6		0	06 02 22.1				
MAL	I	C	06 01 21.2	I	0	06 02 24.4	0.83	0.5	218
COI	I	C	06 01 21.4	I	0	06 02 24.4			
AAPN	I	0	06 01 24.7	E	0	06 02 34.9			
ALOJ	E	0	06 01 24.8	E	0	06 02 34.3			
ATEJ	I	0	06 01 25.7	E	0	06 02 37.0			
EPLA	I	0	06 01 28.0	E	0	06 02 43.4	0.44	0.4	275
ACHM	I	0	06 01 28.2	E	0	06 02 43.4			
APHE	I	0	06 01 29.4	E	0	06 02 47.4			
ASMO	E	0	06 01 29.7	E	0	06 02 47.2			
CRT	E	0	06 01 31.2	E	0	06 02 51.2			
AFC	I	D	06 01 31.0	E	0	06 02 51.0	0.20	0.3	210
EBAN	I	C	06 01 31.2	E	0	06 02 52.0	0.23	0.3	265
MVO	4	06 01 35.0		4	06 03 02.0				
PAB	I	C	06 01 35.5	E	0	06 03 05.0			400
EMEL	E	9	06 01 37.5	E	0	06 03 08.9			155
TOL	I	D	06 01 42.6	E	4	06 01 49.8	0.48	1.0	375
ALM	E	0	06 01 42.1	E	4	06 01 44.8			
ENIJ	E	0	06 01 44.8	E	0	06 01 49.3	0.09	0.4	210
TIO	I	9	06 01 46.0	I	0	06 01 54.0			
EVIA	I	0	06 01 46.1	E	0	06 01 53.1	0.18	0.3	310
GUD	I	C	06 01 47.0	E	0	06 01 55.0	0.25	0.5	315
EZAM	I	C	06 01 47.9	E	0	06 01 55.4	0.05	0.3	180
TAF	E	0	06 01 48.0	I	4	06 01 53.0			
ERUA	E	0	06 01 53.0	E	0	06 02 11.0	0.07	0.4	240
STS	I	D	06 01 57.5	E	0	06 02 23.0	0.06	0.4	190
ETOR	I	0	06 02 05.5	E	0	06 03 25.5	0.10	0.5	300
ECHE	I	0	06 02 06.6				0.11	0.6	270
ACU	E	0	06 02 07.2						62
EMON	E	0	06 02 07.3				0.13	0.5	
EROQ	E	0	06 02 28.0						230
EBR	E	0	06 02 29.0						
AVN	0	06 02 36.9							
VIH	0	06 02 43.5							
EPF	0	06 02 44.0		0	06 03 31.8		0.03	0.5	
OLT	0	06 02 54.0							
LFF	4	06 03 03.1		4	06 03 24.3		0.01	0.4	
LPO	4	06 03 03.8		4	06 03 26.2		0.01	0.4	
RJF	4	06 03 11.1							
CAF	4	06 03 11.9		4	06 03 48.9		0.01	0.4	

04 nov 15h 12m 46.5s 36°58'N 02°14'E
rms ±0.7s mb 3.6 NE. CHERCHELL

ACU	E	0	15 13 28.6	E	0	15 14 28.1			70
ESEL	E	0	15 13 31.0	E	0	15 14 37.0	0.04	0.4	72
VIV	E	0	15 13 41.5	E	0	15 15 03.3			
ECHE	E	0	15 13 43.5	E	0	15 15 07.1			72
EVIA	E	0	15 13 48.0	E	0	15 15 24.0	0.04	0.4	95
EROQ	E	0	15 13 49.2	E	0	15 15 27.2	0.04	0.3	92
APHE	E	0	15 13 57.5						
ASMO	E	0	15 13 59.0	E	0	15 14 13.5			
AAPN	E	0	15 14 02.5	E	0	15 15 03.5			
ETER	E	0	15 14 07.0	E	0	15 15 13.6			
GUD	E	0	15 14 17.7	E	0	15 15 44.5			
EBR	4	15 14 47.0							

EST	I/E	M	HORA P	I/E	M	HORA S	AMP	PER	DUR
04 nov 17h 06m 00.2s 37°46'N 04°35'W rms ±0.7s mb 3.2 SANTA CRUZ.CO									
EHOR	I	0	17 06 09.3	E	0	17 06 25.3	0.06	0.2	60
AAPN	I	0	17 06 10.8	E	0	17 06 29.5			
ALOJ	E	0	17 06 14.0	E	0	17 06 38.4			
ASMO	E	0	17 06 14.9	E	0	17 06 40.0			
EBAN	E	0	17 06 15.2	E	0	17 06 38.2			70
ACHM	E	0	17 06 16.8	E	0	17 06 45.3			
ATEJ	E	0	17 06 17.4	E	0	17 06 48.4			
MAL				I	4	17 06 31.5			
AFC	E	0	17 06 17.8	E	0	17 06 49.8	0.03	0.2	40
EPRU	E	0	17 06 18.0	E	0	17 06 49.0	0.01	0.3	45
APHE	E	0	17 06 19.6	E	0	17 06 53.4			
EJIF	E	0	17 06 27.8	E	0	17 07 15.6			55
EVIA	E	0	17 06 30.9	E	0	17 07 23.3	0.03	0.2	44
EVIA	E	0	17 06 31.0	E	0	17 07 28.0	0.05	0.3	70
PAB	E	4	17 06 34.0	E	4	17 07 22.5			60
EPLA	E	9	17 06 48.4	E	0	17 08 08.9	0.02	0.3	51
GUD	E	9	17 06 54.5	E	0	17 08 23.3	0.02	0.5	57

04 nov 20h 08m 08.4s 36°45'N 02°21'E 9Km
rms ±0.7s mb 4.5 NE. CHERCHELL

ACU	I	C	0	20 08 52.1	E	0	20 10 16.6		87
ESEL	E	0	20 08 55.6	E	0	20 10 26.2	0.10	0.3	260
ENIJ	E	9	20 09 02.0	E	0	20 09 46.0	0.03	0.4	300
VIV	E	0	20 09 05.0	E	0	20 09 51.0			
ECHE	E	0	20 09 07.0	E	0	20 09 59.0	0.10	0.7	220
EVIA	E	0	20 09 12.7	E	0	20 10 15.1	0.10	0.5	250
EBR	E	0	20 09 13.0	E	4	20 10 27.0			
EROQ	E	0	20 09 13.8	E	0	20 10 16.6	0.04	0.3	200
TAF	E	0	20 09 14.0						
AFC	E	0	20 09 19.0						140
APHE	E	0	20 09 20.0						
MRB	0	20 09 20.5							
ALOJ	E	4	20 09 21.5						
ASMO	E	0	20 09 21.0	E	4	20 10 41.0			
EBAN	E	0	20 09 22.8	E	0	20 10 42.3			120
ATEJ	E	0	20 09 24.0						
AAPN	E	0	20 09 25.0	E	0	20 10 50.0			
AVN	0	20 09 27.2							
OLT	0	20 09 28.3							
ETER	E	0	20 09 30.4	E	0	20 11 01.4	0.04	0.4	100
VIH	0	20 09 37.2							
GUD	E	0	20 09 42.0	E	0	20 09 54.6	0.02	0.5	155
EPF	0	20 09 44.5		0	20 09 57.5		0.02	0.4	
NKM	E	4	20 09 45.0						
LMR	0	20 09 54.4							
LRG	0	20 09 56.5							0.06 0.5
FRF	0	20 09 58.0		0	20 10 37.6				
CVF	0	20 09 59.8							
MVO	I	C	0	20 10 10.0					
ERUA	I	D	0	20 10 21.3					
AVE	E	4	20 11 00.0						
TIO	I	4	20 12 40.0						

05 nov 11h 38m 21.8s 36°46'N 02°28'E 19Km
rms ±0.8s mb 4.6 NE. CHERCHELL

ACU	I	C	0	11 39 05.0	E	0	11 39 44.0		300
ESEL	E	0	11 39 07.8	E	0	11 39 48.8	0.17	0.3	260
ENIJ	E	9	11 39 14.5	E	0	11 40 12.5	0.06	0.4	290
VIV	E	0	11 39 18.0	E	0	11 40 17.0			
ECHE	E	0	11 39 20.5	E	0	11 40 24.8	0.20	0.5	260

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
ALM	E	4	11 39	24.3	E	0	11 40	29.7			
EBR	E	0	11 39	25.0	E	4	11 40	48.0			
EVIA	E	0	11 39	25.5							
TAF	E	0	11 39	26.0							
EROQ	I	C	0	11 39	26.8	E	0	11 40	40.8	0.21	0.3 210
AFC	E	0	11 39	32.2	E	0	11 40	57.2	0.10	0.6 210	
MRB	0		11 39	32.7							
APHE	E	0	11 39	34.2							
ASMO	E	0	11 39	34.9	E	0	11 41	04.4			
ACHM	E	0	11 39	36.5							
EBAN	E	0	11 39	36.5	E	0	11 41	10.5	0.09	0.5 220	
ATEJ	E	0	11 39	37.3	E	0	11 41	13.8			
AAPN	E	0	11 39	39.0	E	0	11 41	16.0			
ALOJ	E	0	11 39	39.4	E	0	11 41	16.9			
AVN	0		11 39	40.5							
OLT	0		11 39	41.0							
ETOR	E	0	11 39	42.0					0.06	0.4 210	
ETER	E	0	11 39	43.0	E	0	11 39	45.0	0.08	0.4 140	
PAB	E	0	11 39	49.0	E	0	11 40	06.0			250
TOL	E	0	11 39	49.5	E	0	11 40	05.5	0.36	1.5 230	
VIH	0		11 39	50.0							
EHOR	E	0	11 39	51.0	E	0	11 40	12.0			150
MAL	E	D	4	11 39	53.4	I	4	11 40	06.9		
GUD	E	0	11 39	55.5	E	0	11 40	21.5	0.08	0.5 230	
NKM	I	0	11 39	57.5							
EPF	0		11 39	57.4	0		11 40	22.9	0.04	0.4	
LMR	0		11 40	06.4							
LRG	0		11 40	08.0					0.15	0.5	
FRF	0		11 40	10.0	0		11 41	39.5			
EPLA	E	0	11 40	10.0	E	0	11 41	40.0			160
CVF	0		11 40	11.0							
MTE	E	9	11 40	20.5	E	4	11 40	31.5			
MVO	E	4	11 40	23.0	4		11 40	37.0			
ERUA	I	0	11 40	34.8					0.04	0.5 35	
MOE					0		11 42	01.0			

07 nov 03h 01m 01.6s 38°08'N 02°05'W
rms ±0.8s mb 3.4 SIERRA VILLAFUERTE.MU

EVIA	I	0	03 01	12.7							160
ENIJ	I	C	9	03 01	19.8	E	0	03 01	54.8	0.16	0.5 130
ALM	E	0	03 01	24.7	E	0	03 02	06.6			
EBAN	I	D	0	03 01	24.6	E	0	03 02	08.6	0.15	0.3 150
VIV	E	0	03 01	26.0	E	0	03 02	10.5			
ACU	I	0	03 01	26.8	E	0	03 02	12.8	0.05	0.4 100	
AFC	I	C	0	03 01	27.0	E	0	03 02	12.7	0.14	0.4 150
ASMO	I	0	03 01	27.9	I	0	03 02	16.5			
CRT	E	0	03 01	28.6	E	0	03 02	19.0			
ECHE	E	0	03 01	30.8	E	0	03 02	23.4	0.16	0.7 145	
ACHM	E	0	03 01	31.2	E	0	03 02	26.1			
APHE	I	0	03 01	31.6	E	0	03 02	27.2			
AAPN	I	0	03 01	32.0	E	0	03 02	28.5			
ALOJ	I	0	03 01	33.4	E	4	03 02	33.4			
ATEJ	I	0	03 01	34.2	E	0	03 02	34.3			
PAB	I	0	03 01	38.0	I	4	03 02	41.0			240
EHOR	E	0	03 01	40.6	E	0	03 02	52.6	0.09	0.5 155	
TOL	E	0	03 01	41.0	I	4	03 02	57.0	0.22	1.1 200	
ETOR	E	0	03 01	45.2	E	0	03 03	02.0	0.06	0.5 150	
MAL	E	4	03 01	45.0	I	4	03 02	55.3	0.15	0.8 88	
GUD	E	0	03 01	49.6	E	0	03 03	15.1	0.11	0.6 175	
EJIF	E	0	03 01	52.0					0.07	0.7 120	
EROQ	E	0	03 01	53.0							120
EPLA	E	0	03 01	56.7					0.03	0.4 155	
AVN	0		03 02	07.9							
EVIA	E	9	03 02	13.0	E	0	03 03	10.0	0.02	0.4	
EPF	0		03 02	20.3					0.01	0.5	

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR
08 nov 05h 26m 04.5s 37°02'N 03°39'W 10Km rms ±0.6s mb 2.7 PADUL.GR											
APHE	I	0	05 26	06.8	E	0	05 26	16.6			
ACHM	I	0	05 26	07.4	E	0	05 26	18.5			
CRT	E	0	05 26	07.6	E	0	05 26	18.6			
AFC	I	D	0	05 26	08.3	E	0	05 26	20.5	0.07	0.2 35
ATEJ	E	0	05 26	09.6	E	0	05 26	25.0			
ASMO	I	0	05 26	09.9	E	0	05 26	25.1			
ALOJ	E	0	05 26	10.6	E	0	05 26	26.7			
AAPN	E	0	05 26	12.5	E	0	05 26	32.3			
EBAN	E	0	05 26	24.5	E	0	05 27	05.1	0.01	0.3 35	
ENIJ	E	0	05 26	25.0							
EHOR	E	0	05 26	30.5	E	0	05 27	19.7			50
EVIA	E	0	05 26	36.2	E	0	05 27	34.7			50

08 nov 06h 08m 35.9s 42°44'N 01°06'E 9Km
rms ±0.7s mb 3.2 VALL D'ANEU.L

SALF	D	0	06 08	38.3							
VIH	C	0	06 08	41.5	0		06 09	27.1			
GRBF	C	0	06 08	42.0	0		06 09	28.6			
EPF	0		06 08	47.3	0		06 09	43.3			
AVN	0		06 08	51.7	0		06 09	55.2			
MTHF	C	0	06 08	54.9	0		06 10	04.0			
OLT	0		06 08	57.9	0		06 10	10.9			
MRB	0		06 08	58.8	0		06 10	13.4			
FONT	0		06 09	00.3	0		06 09	18.7			
ETER	I	C	0	06 09	01.0	E	0	06 09	19.8	0.03	0.2 35
LPO	0		06 09	07.4					0.02	0.3	
CAF	0		06 09	11.2					0.01	0.2	
EROQ					E	0	06 09	32.0	0.02	0.2 60	
LFF	9		06 09	15.7	0		06 09	59.7	0.02	0.3	
ETOR	E	9	06 09	33.0	E	0	06 10	41.5			

08 nov 19h 22m 03.1s 35°52'N 04°39'W 110Km
rms ±0.8s mb 3.2 ESTRECHO GIBRALTAR

EJIF	E	0	19 22	23.2	E	0	19 23	00.7	0.02	0.3 45	
ATEJ	I	0	19 22	24.4	E	0	19 23	06.4			
APHE	E	0	19 22	26.5	E	0	19 23	11.6			
EPRU	E	0	19 22	27.0	E	0	19 23	10.5	0.01	0.3	
ALOJ	E	0	19 22	28.0	E	0	19 23	15.5			
ACHM	E	0	19 22	28.3	E	0	19 23	16.6			
AAPN	E	0	19 22	31.3	E	4	19 23	23.2			
ASMO	E	0	19 22	32.9	E	4	19 23	28.9			
EHOR	E	0	19 22	36.0	E	0	19 23	36.3	0.03	0.2 55	
ENIJ	E	0	19 22	38.2							45
EVIA	E	0	19 22	40.6	E	0	19 23	49.4	0.06	0.2	
EBAN	E	0	19 22	41.0	E	0	19 23	50.0	0.04	0.2 60	
EVIA	E	0	19 22	52.6	E	0	19 24	21.6	0.02	0.2 70	

08 nov 19h 37m 09.9s 36°56'N 03°45'W 7Km
rms ±0.7s mb 2.7 JAYENA.GR

APHE	I	0	19 37	11.6	E	0	19 37	24.9			
ACHM	I	0	19 37	13.2	E	0	19 37	29.2			
ATEJ	I	0	19 37	13.8	E	0	19 37	31.2			
CRT	E	0	19 37	15.3							
ALOJ	I	0	19 37	15.7	E	0	19 37	36.6			
AFC	E	0	19 37	16.0	E	0	19 37	36.5	0.04	0.2 65	
ASMO	E	0	19 37	17.2	E	0	19 37	40.0			
AAPN	E	0	19 37	19.4	E	0	19 37	45.7			
MAL	I	D	0	19 37	19.8	I	0	19 37	46.8	0.33	0.6 30

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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ENIJ	E	0	19 37 32.0			0.01	0.3	50
EBAN	E	0	19 37 32.6	E 0	19 38 20.6	0.02	0.3	55
EJIF	E	0	19 37 35.5			0.03	0.5	60
EHOR	E	0	19 37 37.5	E 0	19 38 32.5	0.01	0.3	53
EVIA				E 0	19 38 08.0			75

12 nov 03h 56m 54.7s 43°08'N 00°22'W
rms ±0.9s mb 2.8 IV CASTET.FR

ESCF	0	03 56 57.5	E 0	03 57 57.4				
ATE	0	03 56 59.2	E 0	03 58 02.0				
EPF	0	03 57 04.4	E 0	03 57 16.4				
LPO	9	03 57 30.8	E 0	03 58 27.3	0.36	0.3		
LFF	9	03 57 32.1	E 0	03 58 30.5	0.43	0.3		
CAF	0	03 57 34.0			0.12	0.2		
ETOR	E	0	03 57 38.0					
EROQ	E	9	03 57 39.0	E 0	03 58 46.5			
RJF	9	03 57 43.0	E 0	03 58 58.0	0.21	0.3		
LSF	0	03 57 46.2						

13 nov 10h 51m 50.9s 37°50'N 03°50'W 18Km
rms ±0.3s mb 2.9 FUERTE DEL REY.J

EBAN	I	0	10 51 57.6	E 0	10 52 59.6	0.10	0.2	60
ASMO	E	0	10 52 00.1	E 0	10 52 07.0			
AAPN	E	0	10 52 01.5	E 0	10 52 10.9			
AFC	E	0	10 52 01.8	E 0	10 52 12.8	0.01	0.3	
ALOJ	E	0	10 52 04.6	E 0	10 52 20.2			
ATEJ				E 4	10 52 23.5			
EHOR	E	0	10 52 11.2	E 0	10 52 36.2	0.04	0.2	50

14 nov 06h 55m 21.6s 36°48'N 04°17'W 24Km
rms ±0.5s mb 2.8 EL BORGE.MA

ATEJ	E	0	06 55 28.0	E 4	06 56 01.8			
ALOJ	E	0	06 55 28.1	E 0	06 56 01.3			
APHE	E	0	06 55 30.7					
ACHM	E	0	06 55 30.9	E 0	06 56 09.3			
ASMO	E	0	06 55 34.1	E 0	06 56 18.3			
AFC	E	0	06 55 35.2	E 0	06 56 19.7	0.01	0.2	
EHOR	E	0	06 55 43.0	E 0	06 56 42.0			37
EBAN	E	0	06 55 44.4	E 0	06 56 46.4	0.02	0.2	37

14 nov 16h 46m 46.4s 36°49'N 05°16'W
rms ±0.6s mb 2.4 SIERRA LAS CUMBRES.MA

EPRU	I	D	0	16 46 48.0	E 0	16 47 38.8	0.07	0.2	30
EJIF	E	0	16 46 54.0			0.01	0.3	32	
EHOR	E	0	16 47 04.5	E 0	16 47 23.5	0.01	0.3	28	
EVAL	E	0	16 47 11.4						
EBAN	E	0	16 47 18.0						

16 nov 13h 41m 15.5s 37°28'N 06°37'W 16Km
rms ±0.3s mb 3.0 N. VILLARRASA.H

EVAL	I	C	0	13 41 19.6	E 0	13 41 41.8	0.28	0.2	37
EHOR	E	0	13 41 35.4	E 0	13 42 26.2	0.04	0.3	40	
EBAN	E	0	13 41 53.0	E 0	13 43 12.5			45	
EPLA	E	9	13 42 02.8	E 0	13 42 36.4				
GUD	E	0	13 42 11.0						

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
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17 nov 15h 59m 33.6s 36°59'N 02°23'E
rms ±0.5s mb 3.5 NE. CHERCHELL

ACU	E	0	16 00 16.8	E 0	16 01 05.1	0.02	0.3	55
ESEL	E	0	16 00 18.0	E 0	16 01 09.8	0.03	0.3	60
VIV	E	0	16 00 29.0	E 0	16 01 39.5			
ECHE	E	0	16 00 31.8	E 0	16 01 46.3			65
EVIA	E	0	16 00 37.5	E 0	16 02 04.0	0.02	0.3	
EBAN				E 0	16 00 06.4			

18 nov 04h 52m 25.9s 43°20'N 00°49'W
rms ±0.9s mb 3.0 NAVARREX.FR

MADF	D	0	04 52 29.6	E 0	04 53 01.4			
ATE	D	0	04 52 29.8	E 0	04 53 02.1			
ISSF	D	0	04 52 30.2	E 4	04 53 03.1			
EPF	0	04 52 43.0	0	04 53 38.2	0.01	0.2		
VIH	0	04 52 51.0	0	04 53 58.2				
ECRI	E	0	04 52 52.2	E 0	04 54 02.0	0.09	0.2	60
SALF	0	04 52 54.8	0	04 54 09.9				
AVN	0	04 52 57.5						
GRBF	9	04 52 59.6	0	04 54 22.1				
LPO	0	04 52 59.6			0.01	0.3		
LFF	4	04 53 05.9	4	04 53 39.9	0.01	0.3		
RJF	0	04 53 07.1	0	04 53 45.3	0.01	0.3		
CAF	0	04 53 08.2	0	04 53 45.8				
MRB			4	04 53 44.5				
LSF	0	04 53 18.2	0	04 54 15.4	0.05	0.2		

19 nov 20h 05m 34.4s 36°48'N 02°27'E
rms ±0.6s mb 3.6 NE. CHERCHELL

ACU	E	0	20 06 17.4	E 0	20 07 07.4	0.03	0.3	55
ESEL	E	0	20 06 20.0	E 0	20 07 14.0	0.04	0.3	58
VIV	E	0	20 06 30.5	E 0	20 07 42.5			
ECHE	E	0	20 06 33.8	E 0	20 07 50.8			62
EVIA				E 0	20 07 27.0	0.04	0.3	
OLT	0	20 06 52.8						

22 nov 11h 41m 23.4s 43°09'N 00°22'W
rms ±0.6s mb 3.2 III CASTET.FR

ESCF	C	0	11 41 26.0					
LHE	C	0	11 41 27.8					
ATE	C	0	11 41 27.9					
EPF	0	11 41 32.4	0	11 42 12.3				
VIH	0	11 41 40.0	0	11 42 33.7				
LESF	C	0	11 41 46.1	0	11 42 48.5			
GRBF	D	0	11 41 49.2	0	11 42 58.3			
AVN	0	11 41 50.0						
ECRI	E	0	11 41 53.5	E 0	11 43 08.3	0.10	0.2	100
LPO	0	11 41 55.5						
LFF	0	11 41 56.5						
CAF	0	11 42 03.3						
OLT	4	11 42 03.6						
MRB	9	11 42 04.1	0	11 42 36.6				
ETOR	E	0	11 42 06.3			0.02	0.3	100
EBR	9	11 42 08.0	E 0	11 42 46.0				
ETER	E	9	11 42 11.8	E 0	11 42 54.3	0.04	0.3	50
GUD				E 0	11 43 05.8			105

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
22 nov 20h 37m 53.6s 36°51'N 02°25'E 16Km rms ±0.8s mb 4.4 NE. CHERCHELL									GUD E 9 18 42 45.0 E 0 18 44 12.0 0.01 0.3 105 ETOR E 0 18 42 53.1 70 EVIA E 9 18 42 54.8 E 0 18 42 57.8 0.08 0.7								
ACU E	0		20 38 35.8	E 0	20 39 43.8	0.07	0.3	200	28 nov 13h 54m 29.7s 37°16'N 03°21'W rms ±0.6s mb 2.8 LA PEZA.GR								
ESEL E	0		20 38 39.0	E 0	20 39 51.2	0.05	0.3	230	AFC E	0		13 54 32.0	E 0	13 55 06.2			
ENIJ E	9		20 38 47.0	E 0	20 40 14.8	0.03	0.3	300	CRT E	0		13 54 33.0					
VIV E	0		20 38 48.5	E 0	20 40 19.0				ASMO E	0		13 54 35.1	E 0	13 55 16.4			
ECHE E	0		20 38 51.2	E 0	20 40 25.7	0.05	0.5	200	APHE E	0		13 54 36.7	E 0	13 55 20.3			
EVIA E	0		20 38 57.6	E 0	20 39 01.6	0.10	0.4	125	ACHM E	0		13 54 36.8	E 0	13 55 20.1			
EBR E	4		20 39 03.0	E 4	20 40 00.0				ALOJ E	0		13 54 40.0					
APHE E	0		20 39 05.0	E 0	20 40 06.5				AAPN E	0		13 54 40.7	E 0	13 55 31.0			
ASMO E	0		20 39 07.0	E 4	20 40 13.0				ATEJ E	0		13 54 40.8	E 0	13 55 31.1			
EBAN E	0		20 39 08.8	E 0	20 40 12.8	0.01	0.3	110	EBAN E	0		13 54 46.8					
ATEJ E	0		20 39 09.4	E 0	20 40 17.4				ENIJ E	0		13 54 47.0	E 0	13 55 49.0	0.02	0.4	30
AVN	0		20 39 10.7						EHOR E	0		13 54 58.3	E 0	13 56 17.0	0.01	0.3	38
OLT	0		20 39 10.1						EVIA E	0		13 54 57.0	E 0	13 56 14.0	0.03	0.3	33
ETOR E	9		20 39 14.0	E 0	20 40 26.2	0.01	0.4	155	30 nov 16h 51m 17.4s 42°18'N 06°53'W rms ±0.5s mb 2.8 SERRA DO EIXE.OR								
ETER E	0		20 39 14.5	E 0	20 40 28.5			85	ERUA I C	0		16 51 20.5	E 0	16 51 44.5	0.04	0.3	32
TOL E	0		20 39 19.5	E 4	20 39 25.0	0.02	0.9	130	MVO	0		16 51 37.5	E 0	16 52 31.0			
VIH	0		20 39 20.2						EMON E	0		16 51 38.6	E 0	16 52 34.4	0.06	0.2	55
EHOR E	0		20 39 24.0	E 0	20 40 54.0			110	EZAM E	0		16 51 42.0	E 0	16 52 42.8			
GUD E	0		20 39 27.0	E 0	20 41 02.6	0.01	0.4	140	STS E	0		16 51 42.6	E 0	16 52 43.6			34
EPF	4		20 39 28.5	E 0	20 41 05.2	0.01	0.4		MTE E	9		16 51 48.0	E 0	16 53 02.2			
ALM E	4		20 39 33.2	E 0	20 40 09.0				EPLA E	0		16 51 55.4	E 0	16 52 46.9	0.02	0.4	45
ECRI E	0		20 39 35.0					140	GUD E	9		16 52 07.5	E 0	16 52 46.9			47
LMR	0		20 39 36.8			0.01	0.3		01 dic 09h 00m 42.9s 37°54'N 01°27'W rms ±0.7s mb 2.9 ALHAMA DE MURCIA.MU								
LRG	0		20 39 38.0			0.03	0.5		EALH I D	0		09 00 43.3	E 0	09 01 27.9			92
FRF	0		20 39 40.4	E 0	20 40 02.4	0.05	0.5		ACU E	0		09 01 01.4					
CVF	0		20 39 42.2						EVIA E	0		09 01 02.6	E 0	09 01 20.3	0.10	0.3	75
TAF E	4		20 39 50.0	E 4	20 41 18.0				ENIJ E	0		09 01 03.0	E 0	09 01 22.0	0.02	0.4	49
ERUA I C	0		20 40 05.1						ECHE E	0		09 01 13.9					
27 nov 08h 51m 30.4s 37°57'N 01°29'W 8Km rms ±0.5s mb 2.9 PLIEGO.MU									EBAN E	0		09 01 14.0	E 0	09 01 52.0	0.01	0.2	55
EALH E	0		08 51 32.5	E 0	08 52 07.3	0.12	0.2	23	ASMO E	4		09 01 17.5	E 4	09 02 01.5			
ACU E	0		08 51 48.2						APHE E	9		09 01 19.5	E 0	09 02 06.0			
EVIA E	0		08 51 49.6	E 0	08 52 53.2	0.08	0.3	37	ALOJ E	9		09 01 23.0	E 0	09 02 14.5			
ENIJ E	0		08 51 50.2	E 0	08 52 56.8	0.01	0.3	40	ETOR				E 0	09 02 05.8			
VIV E	0		08 51 54.0	E 0	08 53 04.7				GUD E	9		09 01 49.0	E 0	09 03 18.7			70
ECHE E	0		08 51 59.6	E 0	08 53 20.6			40	02 dic 06h 09m 11.0s 42°44'N 07°42'W 10Km rms ±0.3s mb 2.8 TABOADA.LU								
EBAN E	0		08 52 00.6	E 0	08 52 24.5	0.02	0.2	42	ERUA E	0		06 09 20.5	E 0	06 09 48.5	0.03	0.2	35
ASMO E	4		08 52 05.0	E 4	08 52 36.5				STS E	0		06 09 23.0	E 0	06 09 55.0	0.06	0.2	30
APHE E	4		08 52 07.8						EMON E	0		06 09 25.2	E 0	06 09 59.7			
ALOJ E	4		08 52 11.0	E 4	08 52 52.2				EZAM E	0		06 09 28.0	E 0	06 10 08.2	0.03	0.2	25
27 nov 18h 41m 36.5s 38°34'N 07°59'W rms ±0.5s mb 3.4 IV EVORA.PORT									GUD				E 0	06 10 41.4			
MOE I D	0		18 41 41.2	I 0	18 42 26.0												
LIS E	0		18 41 54.1	I 0	18 43 00.3												
MTH E	0		18 41 54.8	I 0	18 43 03.8												
EVAL E	0		18 42 01.6	E 0	18 42 21.9	0.14	0.2	90									
MTE	9		18 42 06.0	E 0	18 42 35.6												
COI	9		18 42 09.6	E 0	18 42 40.3												
EHOR E	9		18 42 18.5	E 0	18 43 05.5	0.06	0.3	85									
MVO	0		18 42 18.5	E 4	18 43 20.0												
TOL E	0		18 42 29.0					110									
ALOJ E	4		18 42 32.5	E 4	18 44 02.5												
PAB E	4		18 42 33.5	E 0	18 43 33.5			80									
EBAN				E 0	18 43 06.6	0.02	0.2	105									
ATEJ E	4		18 42 34.5	E 4	18 44 08.0												
ASMO				E 4	18 43 32.0												
EZAM E	9		18 42 35.0	E 0	18 43 52.2												
ERUA E	0		18 42 36.6	E 0	18 43 57.4												
APHE E	4		18 42 39.5	E 4	18 44 18.5												

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			02 dic 17h 44m 02.9s	32°27'N 06°05'W				
			rms ±0.8s mb 3.3	KASBA TADLA.MAC				
AVE	I	0	17 44 27.2	I 0	17 45 13.7			
IFR	I	0	17 44 28.0	I 4	17 45 16.0			
RBA	I	0	17 44 32.2	I 0	17 45 26.4			
TIO	I	0	17 44 32.5	I 0	17 45 29.0			
EEVAL	E	0	17 45 19.5	E 0	17 46 35.3	0.02	.4	90
EEHOR	E	0	17 45 23.3	E 0	17 46 46.3			95
EMTH	E	0	17 45 45.5	E 4	17 45 50.5			
EEPLA	E	0	17 45 52.8					
EGUD	E	0	17 46 03.2					

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			02 dic 19h 42m 27.9s	42°47'N 00°57'W				
			rms ±0.8s mb 3.1	VALLE DEL RONCAL.NA				
ISSF	C	0	19 42 31.9	E 0	19 43 08.6			
LHE	C	0	19 42 32.0	E 0	19 43 08.5			
BOH	C	0	19 42 32.8	E 0	19 43 11.0			
EPF	0	19 42 44.9	0	19 43 43.7	0.03	0.3		
EECRI	E	0	19 42 49.6	E 0	19 43 55.6	0.08	0.3	62
VIH	0	19 42 52.2	0	19 44 01.1				
AVN	0	19 42 54.0	0	19 44 09.3				
SALF	0	19 42 56.6	0	19 44 14.2				
GRBF	C	0	19 42 58.5	4	19 44 23.0			
LPO	0	19 43 08.0	0	19 43 44.4				
LFF	0	19 43 08.7	0	19 43 47.4				
ETOR	E	9	19 43 09.0	E 0	19 43 43.0	0.01	0.3	72
EROQ	E	9	19 43 10.4	E 0	19 43 46.4	0.02	0.3	60
MRB	9	19 43 13.0	0	19 43 55.5				
CAF	0	19 43 16.2	0	19 44 06.8				
GUD	E	0	19 43 18.0	E 0	19 44 13.8			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			03 dic 16h 29m 31.0s	37°56'N 01°20'W		15Km		
			rms ±0.7s mb 3.0 III	N. LIBRILLA.MU				
EEALH	I D	0	16 29 33.5	E 0	16 30 09.5			80
ACU	E	0	16 29 48.5	E 0	16 30 50.0	0.05	0.4	45
ENIJ	E	0	16 29 51.4	E 0	16 30 58.6	0.04	0.3	50
VIV	E	0	16 29 53.5	E 0	16 31 03.5			
ECHE	E	9	16 30 00.8	E 0	16 30 21.8	0.06	0.3	55
ASMO	E	0	16 30 03.5	E 4	16 30 36.5			
EBAN	E	9	16 30 04.7	E 0	16 30 32.4	0.03	0.3	90
APHE	E	4	16 30 07.5	E 4	16 30 46.5			
ALOJ	E	4	16 30 10.0	E 4	16 30 52.0			
ACHM	E	4	16 30 10.5	E 4	16 30 51.5			
ATEJ	E	4	16 30 13.0	E 4	16 30 56.0			
ETOR	E	0	16 30 16.2	E 0	16 31 05.7	0.02	0.3	110
EROQ	E	0	16 30 19.2	E 0	16 31 14.2	0.02	0.4	80
TOL	E	4	16 30 20.0	E 4	16 31 19.5	0.02	0.8	75
GUD	E	0	16 30 22.5	E 0	16 31 26.1	0.02	0.3	120
PAB	E	9	16 30 24.0	E 0	16 31 21.0			110
EHOR	E	0	16 30 20.0	E 0	16 31 14.5	0.03	0.3	90

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			05 dic 12h 58m 28.1s	43°04'N 00°39'W				
			rms ±0.7s mb 3.4 III	ARETTE.FR				
ATE	C	0	12 58 28.6	E 0	12 58 58.3			
ESCF	C	0	12 58 28.7					
ISSF	C	0	12 58 29.8	E 0	12 59 02.0			
EPF	0	12 58 40.8	0	12 59 33.3	0.04	0.2		
VIH	0	12 58 48.0	0	12 59 50.9				
SALF	0	12 58 53.0	0	13 00 04.9				

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EECRI	E	0	12 58 54.5	E 0	13 00 08.5	0.05	0.2	60
AVN	0	12 58 56.0	0	13 00 12.9				
LPO	9	12 59 05.2	0	12 59 37.7	0.01	0.3		
LFF	9	12 59 06.4	0	12 59 39.6	0.01	0.3		
ETOR	E	0	12 59 08.8	E 0	12 59 46.8			
CAF	0	12 59 09.6			0.01	0.3		
MRB	9	12 59 10.9	0	12 59 52.0				
EROQ	E	9	12 59 12.5	E 0	12 59 54.0	0.03	0.3	60
OLT	4	12 59 13.8	4	13 00 01.5				
EBR			E 4	12 59 46.0				
RJF	9	12 59 18.0	0	13 00 09.0	0.01	0.3		
GUD	E	0	12 59 23.4	E 0	13 00 28.2			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			08 dic 01h 08m 03.9s	31°59'N 06°20'W				
			rms ±0.9s mb 3.5	AZILAL.MAC				
TIO	0	01 08 28.0	E 4	01 09 17.5				
AVE	0	01 08 32.0	E 0	01 09 25.5				
IFR	0	01 08 35.2	E 0	01 09 34.2				
RBA	0	01 08 40.0	E 0	01 09 45.0				
NKM	4	01 09 01.5	E 0	01 09 41.5				
TAF	0	01 09 11.0	E 4	01 10 21.0				
EJIF	E	0	01 09 11.8					
EEVAL	E	0	01 09 26.0			0.03	0.3	27
EEHOR	E	0	01 09 31.0					
EBAN	E	0	01 09 39.4					
MOE	E	0	01 09 42.0	E 4	01 09 55.0			
EEPLA	E	0	01 10 00.0					
MTE			4	01 11 29.0				
GUD	E	0	01 10 11.0					
MVO			4	01 10 10.0				

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			08 dic 02h 53m 05.9s	35°16'N 04°31'W		16Km		
			rms ±0.6s mb 3.0	NE. AL JABHA				
NKM	I	0	02 53 20.0	I 0	02 53 49.5			
EMEL	E	0	02 53 27.8					
EJIF	E	0	02 53 30.6	E 0	02 54 17.6	0.02	0.4	55
IFR	I	0	02 53 35.0	I 0	02 54 32.0			
EPRU	E	0	02 53 36.0					45
EHOR	E	0	02 53 45.8	E 0	02 55 03.6			55
EEVAL	E	0	02 53 50.0	E 0	02 55 14.0			
EBAN	E	0	02 53 51.0	E 0	02 55 16.0			55
TIO	I	0	02 54 18.0	I 0	02 55 31.0			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
			09 dic 07h 43m 26.5s	42°58'N 00°10'E				
			rms ±0.3s mb 2.8 III	BAGNERES DE BIGORRE.FR				
EPF	0	07 43 29.3	0	07 44 00.6				
VIH	0	07 43 36.8	0	07 44 21.0				
ISSF	0	07 43 39.5	0	07 44 28.4				
SALF	0	07 43 40.4	0	07 44 31.2				
GRBF	0	07 43 45.2	0	07 44 43.9				
AVN	D	0	07 43 48.0	0	07 44 51.6			
MRB			4	07 44 24.8				
LPO	9	07 44 00.8	0	07 44 26.1	0.01	0.3		
LFF	9	07 44 03.2	0	07 44 31.2	0.01	0.3		
EECRI	E	9	07 44 04.6	E 0	07 44 34.2			43
CAF	9	07 44 10.0	0	07 44 50.6	0.01	0.3		

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
09 dic 12h 38m 02.9s 37°20'N 13°18'W rms ±0.7s mb 3.3 W. CABO SAN VICENTE									15 dic 00h 33m 33.8s 39°29'N 02°19'W 10Km rms ±0.8s mb 2.9 NE. SAN CLEMENTE.CU								
LIS				E 0	12 39 36.0				EVIA	I c 0		00 33 48.7	E 0	00 34 48.7	0.04	0.2	36
MTH	E	0	12 38 57.6	I 0	12 40 34.6				ECH	E	0	00 33 53.0	E 0	00 35 00.2			26
MOE	E	0	12 39 03.0	I 0	12 39 51.0				ETOR	E	0	00 33 56.8	E 0	00 35 10.4	0.02	0.3	32
COI	E	4	12 39 18.0	E 4	12 40 26.0				EBAN	E	0	00 34 03.8	E 0	00 34 29.8	0.02	0.2	36
EVIA	E	0	12 39 18.3	E 0	12 40 33.3	0.03	0.2		GUD	E	0	00 34 04.6	E 0	00 34 31.1			
MTE				E 4	12 40 17.5												
AVE	E	4	12 39 27.0	E 4	12 40 58.0												
EZAM	E	0	12 39 29.0	E 0	12 41 03.0	0.01	0.3										
MVO				0	12 40 39.0												
EPLA	E	0	12 39 34.0	E 0	12 39 35.3	0.02	0.3	110									
EHOR				E 0	12 39 05.5	0.02	0.3	130									
STS	E	0	12 39 38.5	E 0	12 39 48.5	0.01	0.3	105									
ERUA	E	0	12 39 43.0	E 0	12 40 01.0			105									
IFR				I 4	12 39 26.0												
EBAN	E	0	12 39 50.7	E 0	12 40 22.7	0.01	0.3	125									
TIO	I	4	12 39 51.5	I 4	12 40 27.0												
EMON	E	0	12 39 51.8	E 0	12 40 24.0	0.03	0.3	125									
GUD	E	0	12 39 55.5	E 0	12 40 35.5			147									
09 dic 15h 54m 05.1s 37°48'N 01°12'W 8Km rms ±0.9s mb 2.9 N. FUENTE ALAMO.MU									16 dic 07h 11m 16.3s 38°34'N 09°29'W 11Km rms ±0.5s mb 3.1 S. CABO RASO								
EALH	I D 0		15 54 09.3	E 0	15 54 21.3	0.09	0.2	50	LIS	I c 0		07 11 22.2	I 0	07 11 48.7			
ENIJ	E	0	15 54 24.4	E 0	15 55 04.4	0.02	0.4	30	MTH	I c 0		07 11 23.8	I 0	07 11 52.6			
EVIA	E	0	15 54 28.2	E 0	15 55 13.2	0.06	0.2	43	MOE	I D 0		07 11 32.7	I 0	07 12 16.7			
ASMO	E	0	15 54 40.0	E 0	15 55 45.0				EVIA			07 12 21.7	E 0	07 12 21.7	0.04	0.2	55
EBAN	E	0	15 54 38.1	E 0	15 55 41.6			35	MTE		9	07 11 56.0	0	07 13 21.0			
AAPN	E	0	15 54 44.0	E 0	15 55 56.0				EPLA			07 12 08.6	E 0	07 12 38.2	0.02	0.3	
ALOJ	E	0	15 54 45.0						EHOR	E	0	07 12 08.6	E 0	07 12 55.4	0.01	0.3	50
10 dic 22h 49m 01.5s 38°14'N 04°58'W rms ±0.8s mb 2.9 ESPIEL.CO									17 dic 09h 12m 14.2s 38°35'N 09°28'W 14Km rms ±0.4s mb 3.0 S. CABO RASO								
EHOR	I c 0		22 49 09.2	E 0	22 49 24.8	0.02	0.2	50	LIS		0	09 12 19.5	E 0	09 12 43.2			
EBAN	I	0	22 49 17.8	E 0	22 49 48.2	0.05	0.2	60	MTH		0	09 12 21.6	E 0	09 12 47.7			
AAPN	I	0	22 49 22.0	I 0	22 49 59.0				MOE		0	09 12 30.5	E 0	09 13 12.0			
ASMO	E	0	22 49 25.5	E 0	22 50 08.0				EVIA			09 12 54.0	E 0	09 13 19.0	0.02	0.2	
ALOJ	E	0	22 49 25.5	E 0	22 50 07.5				MTE		9	09 12 54.0	E 0	09 14 16.0			
EPRU	E	0	22 49 25.5					26	EPLA				E 0	09 13 35.2			
AFC	E	0	22 49 29.0	E 0	22 50 17.6			35	EHOR				E 0	09 13 44.0			
EVIA	E	0	22 49 29.2	E 0	22 50 17.4	0.02	0.3	35									
ATEJ	E	0	22 49 30.0	E 0	22 50 18.5												
APHE	E	0	22 49 30.7	E 0	22 50 22.7												
EVIA	E	9	22 49 38.3	E 0	22 50 41.3	0.03	0.3	45									
GUD	E	9	22 49 46.8	E 0	22 51 02.8			43									
11 dic 00h 57m 51.8s 37°37'N 02°35'W rms ±0.6s mb 2.9 CULLAR-BAZA.GR									17 dic 23h 58m 17.7s 38°54'N 02°47'W 17Km rms ±0.2s mb 2.9 LAGUNAS DE RUIDERA.AB								
ENIJ	E	0	00 58 04.6	E 0	00 58 18.6	0.01	0.3	32	EVIA	I	0	23 58 24.2	E 0	23 58 53.7	0.09	0.2	35
AFC	E	0	00 58 07.8	E 0	00 58 26.0			25	EBAN	E	0	23 58 37.0	E 0	23 59 28.0	0.03	0.2	40
ASMO	E	0	00 58 09.5						VIV				E 0	23 58 57.5			
EVIA	I	0	00 58 10.6	E 0	00 58 34.9	0.04	0.2	32	ETOR	E	9	23 58 53.0	E 0	00 00 10.0			
EBAN	I	0	00 58 11.0	E 0	00 58 35.9	0.04	0.2	35	GUD	E	9	23 58 53.3	E 0	00 00 10.3			35
APHE	E	0	00 58 13.0	E 4	00 58 43.2												
AAPN	E	0	00 58 14.5	E 0	00 58 47.0												
ALOJ	E	0	00 58 15.5	E 0	00 58 49.5												
ATEJ				E 0	00 58 35.0												
18 dic 20h 36m 02.9s 36°09'N 09°04'W rms ±0.8s mb 3.4 S. CABO SAN VICENTE									18 dic 20h 36m 02.9s 36°09'N 09°04'W rms ±0.8s mb 3.4 S. CABO SAN VICENTE								
									FIG				E 0	20 36 41.5			
									EVIA	E	0	20 36 39.4	E 0	20 37 45.4	0.04	0.2	
									MOE	E	0	20 36 40.5	E 0	20 37 47.5			
									MTH	E	0	20 36 44.3	E 0	20 37 57.6			
									AVE	I	0	20 36 51.0	E 0	20 38 15.5			
									IFR	I	0	20 37 04.5	E 0	20 37 52.5			
									EPLA				E 0	20 37 59.0	0.03	0.3	
									EBAN	E	0	20 37 11.8	E 0	20 38 12.8	0.01	0.2	
									TIO	I	0	20 37 21.5	E 0	20 38 40.0			
									GUD				E 0	20 38 32.4			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
18 dic 23h 30m 04.2s 36°19'N 08°56'W 15Km								
rms ±1.0s mb 3.3 S. CABO SAN VICENTE								
FAR				0	23 30 38.0			
FIG				0	23 30 41.3			
EVAL	E	0	23 30 38.5	E	0 23 31 43.5	0.06	0.2	
MOE	E	0	23 30 39.2	I	0 23 31 44.7			
LIS				E	4 23 31 06.0			
MTH	E	0	23 30 45.5	E	4 23 31 54.8			
AVE	E	0	23 30 53.0	E	0 23 32 26.0			
IFR	I	0	23 31 07.0	I	0 23 32 00.0			
EBAN	E	0	23 31 10.0	E	0 23 32 09.6			
TIO	I	0	23 31 25.0	I	0 23 32 52.0			
GUD				E	0 23 32 29.0			65

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
20 dic 00h 51m 13.2s 36°26'N 07°14'W								
rms ±0.6s mb 3.5 GOLFO DE CADIZ								
FIG	E	0	00 51 27.5	E	0 00 52 06.0			
FAR				0	00 52 07.3			
EVAL	E	0	00 51 33.0	E	0 00 52 20.4	0.13	0.2	55
EJIF	E	0	00 51 36.7	E	0 00 52 30.1	0.02	0.4	50
EPRU	E	0	00 51 40.0					35
EHOR				E	0 00 52 09.5			
MOE	E	0	00 51 48.0	E	0 00 53 02.0			
ALOJ	E	0	00 51 52.0	E	0 00 53 13.5			
ATEJ	E	0	00 51 53.0	E	0 00 53 15.5			
AAPN	E	0	00 51 53.0					
ASMO	E	0	00 51 57.0					
APHE	E	0	00 51 57.0	E	0 00 53 26.5			
AFC	I	D	00 51 59.5					22
MTH				0	00 52 28.5			
AVE				I	0 00 52 34.5			
EBAN	I	C	00 52 00.5	E	0 00 52 37.5	0.02	0.2	75
IFR	I	0	00 52 02.0	I	4 00 52 39.0			
EPLA	E	0	00 52 08.5	E	0 00 52 57.0	0.02	0.2	50
EVIA	E	0	00 52 15.2	E	0 00 53 18.1			55
GUD	E	0	00 52 23.4	E	0 00 53 38.4			
TIO	I	0	00 52 31.5	I	4 00 54 00.5			

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
20 dic 03h 24m 57.0s 36°37'N 06°12'W 10Km								
rms ±0.3s mb 2.9 SW. JEREZ.CA								
EJIF	E	0	03 25 08.4	E	0 03 25 25.4	0.06	0.6	65
EPRU	E	0	03 25 12.0	E	0 03 25 35.8			45
EVAL	E	0	03 25 15.7	E	0 03 25 46.7	0.05	0.5	35
EHOR	E	0	03 25 21.5	E	0 03 26 01.5	0.04	0.4	35

20 dic 04h 15m 05.0s 37°14'N 07°24'W 23Km
rms ±0.7s mb 5.0 VI AYAMONTE.H

FIG	I	C	0	04 15 11.5				
FAR	E	0	04 15 14.1	0	04 15 36.4			
EVAL	I	C	0	04 15 16.3				565
MOE	I	D	0	04 15 30.0				
EJIF	I	D	0	04 15 33.4				615
EPRU	I	D	0	04 15 33.8				630
EHOR	I	C	0	04 15 34.2				510
LIS				4	04 16 46.1			
MTH	I	D	0	04 15 39.8				
NKM	I	0	04 15 43.0	I	4 04 16 48.5			
MAL	I	D	0	04 15 43.8	I	4 04 17 05.0		
MTE	I	D	4	04 15 46.8	4	04 17 22.8		

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
EBAN	I	0	04 15 50.6					535
EPLA	I	0	04 15 50.7					530
COI				4	04 16 54.7			
AFC	I	D	0	04 15 52.2				600
RBA	I	0	04 15 54.0	I	0 04 17 23.0			
PAB	E	0	04 15 55.0					600
TOL	I	C	0	04 16 01.0	I	4 04 16 38.5	4.78	2.0
AVE	I	0	04 16 03.0	I	0 04 16 49.5			
MVO	I	D	0	04 16 03.0	I	4 04 16 53.0		
ALM	E	0	04 16 04.0	I	0 04 16 50.9			
EMEL	I	C	0	04 16 04.7	E	0 04 16 55.2		
EVIA	I	0	04 16 05.4					240
IFR	I	0	04 16 06.0	I	0 04 16 56.0			540
ENIJ	I	0	04 16 06.3	E	0 04 16 57.3			550
GUD	I	D	0	04 16 07.6	E	0 04 17 02.6		
TAF	I	0	04 16 13.0	I	4 04 17 22.0			
EALH	I	C	0	04 16 14.9	E	0 04 17 22.4		
EZAM	I	0	04 16 18.6	E	0 04 17 31.6			540
ERUA	I	C	0	04 16 20.0	E	0 04 17 36.0		
ETOR	I	0	04 16 25.0	E	0 04 17 49.5			320
ECHE	I	C	0	04 16 25.8				390
ACU	I	C	0	04 16 26.7	E	0 04 17 56.7		
STS	I	0	04 16 28.0	E	0 04 17 58.0			620
TIO	I	0	04 16 35.0	I	0 04 16 39.5			590
ECRI	I	0	04 16 39.5	E	0 04 16 48.5			470
EROQ	I	0	04 16 47.0	E	0 04 17 10.0			390
EBR	E	0	04 16 47.0	E	4 04 17 17.0			550
BOH				E	0 04 17 29.9			500
ISSF				E	4 04 17 36.3			
MADF	C	0	04 16 56.4	E	0 04 17 37.9			
EPF				4	04 18 31.8			
ETER	I	D	0	04 17 17.9				1.50 1.2 420
LFF				9	04 17 23.0	0	04 17 50.0	0.37 0.8
LPO				4	04 17 23.2	4	04 17 49.6	0.33 0.9
CAF				9	04 17 31.2	0	04 18 13.8	0.23 0.8
RJF				4	04 17 31.4	4	04 18 13.4	0.28 0.9

20 dic 09h 45m 25.6s 36°32'N 06°17'W 10Km
rms ±0.5s mb 3.0 SW. JEREZ.CA

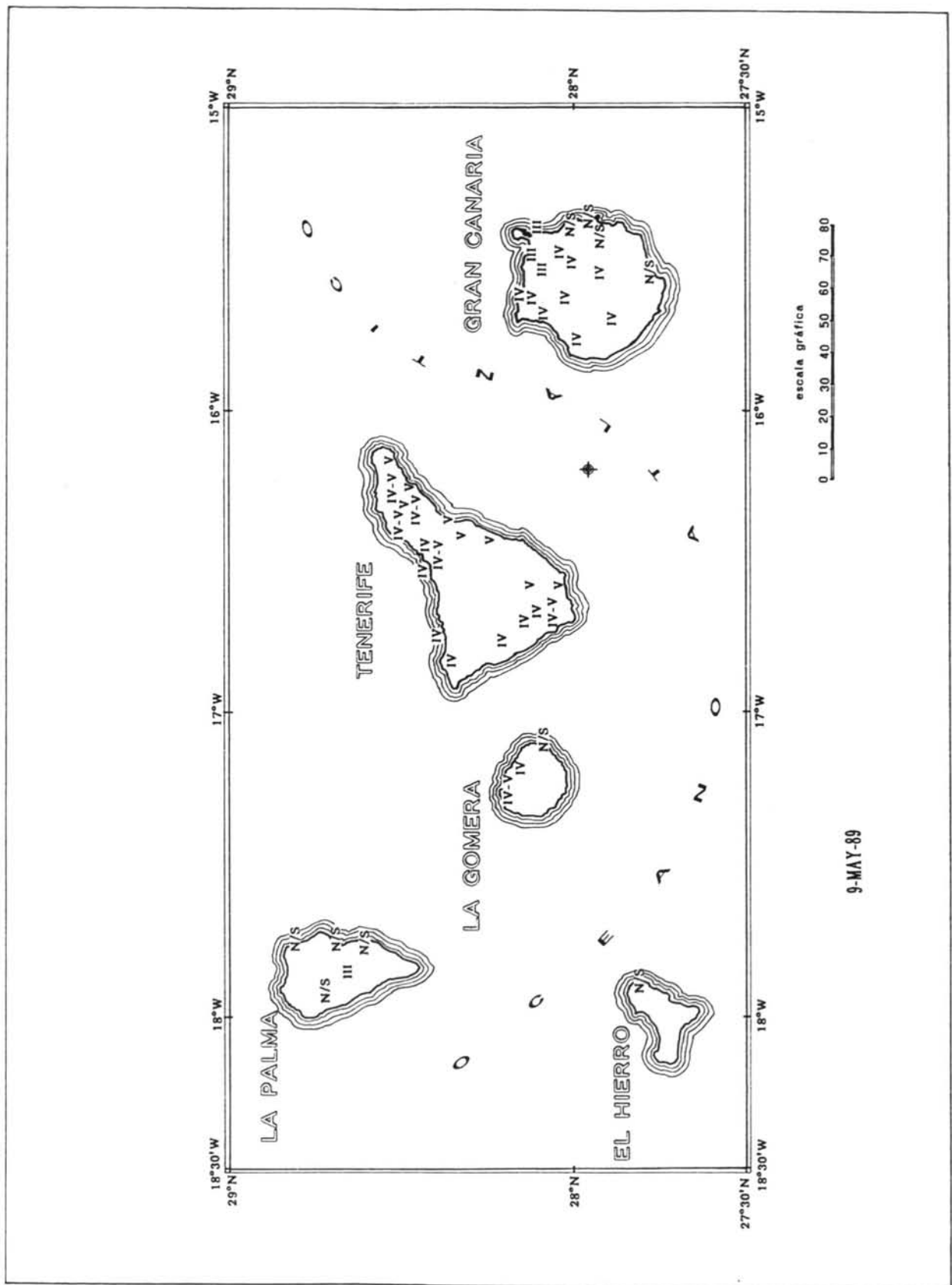
EJIF	E	0	09 45 38.2	E	0 09 46 25.2	0.04	0.5	65
EPRU	E	0	09 45 42.5	E	0 09 46 37.8	0.11	1.0	70
EVAL	E	0	09 45 46.2	E	0 09 46 47.2	0.07	0.4	40
EHOR	E	0	09 45 51.8	E	0 09 47 02.6	0.11	0.7	40
ALOJ	E	9	09 46 00.5	E	0 09 46 25.0			
AAPN	E	9	09 46 01.2	E	0 09 46 26.2			
ATEJ	E	4	09 46 02.5					
ASMO	E	9	09 46 06.0	E	0 09 46 39.0			
APHE	E	4	09 46 07.5					
EBAN	E	0	09 46 05.6	E	0 09 46 41.6			

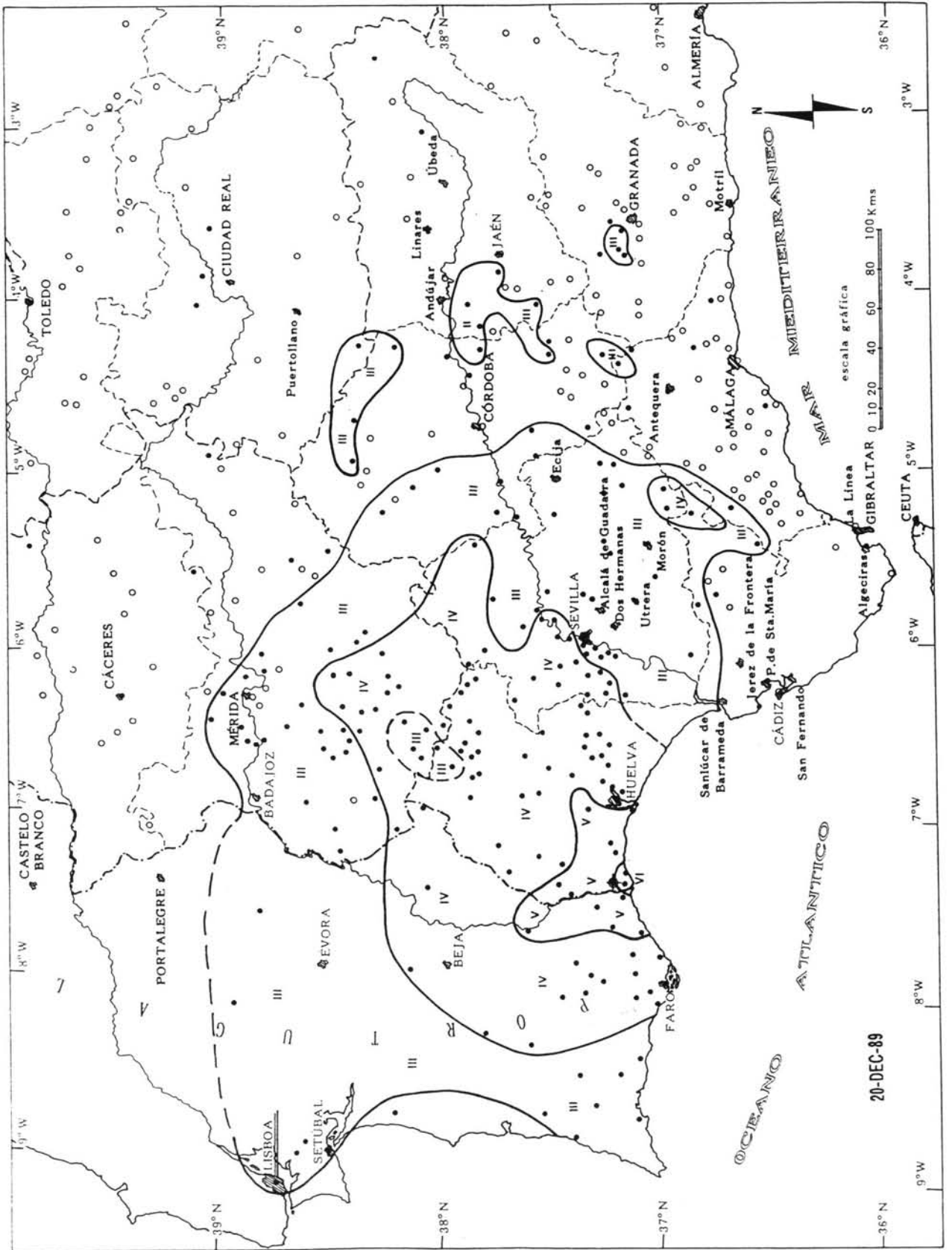
20 dic 10h 12m 44.4s 36°55'N 04°56'W 7Km
rms ±0.5s mb 2.7 SIERRA DE ORTEGICAR.MA

EPRU	E	0	10 12 48.2					0.10 0.7 60
MAL	I	C	4	10 12 49.5	I	4 10 13 43.0	0.69	0.5 55
ATEJ				E	4 10 13 02.8			
EJIF	E	0	10 12 56.5					0.10 0.6 70
APHE	E	4	10 12 58.9	E	0 10 14 14.6			
ACHM	E	0	10 12 59.6					
EHOR	E	0	10 13 02.0	E	0 10 13 16.3	0.02	0.4	28
ASMO	E	0	10 13 03.8	E	4 10 13 23.6			
AFC	E	0	10 13 05.4	E	0 10 13 26.4	0.02	0.4	50
EBAN	E	0	10 13 10.5	E	0 10 13 40.8	0.02	0.3	45

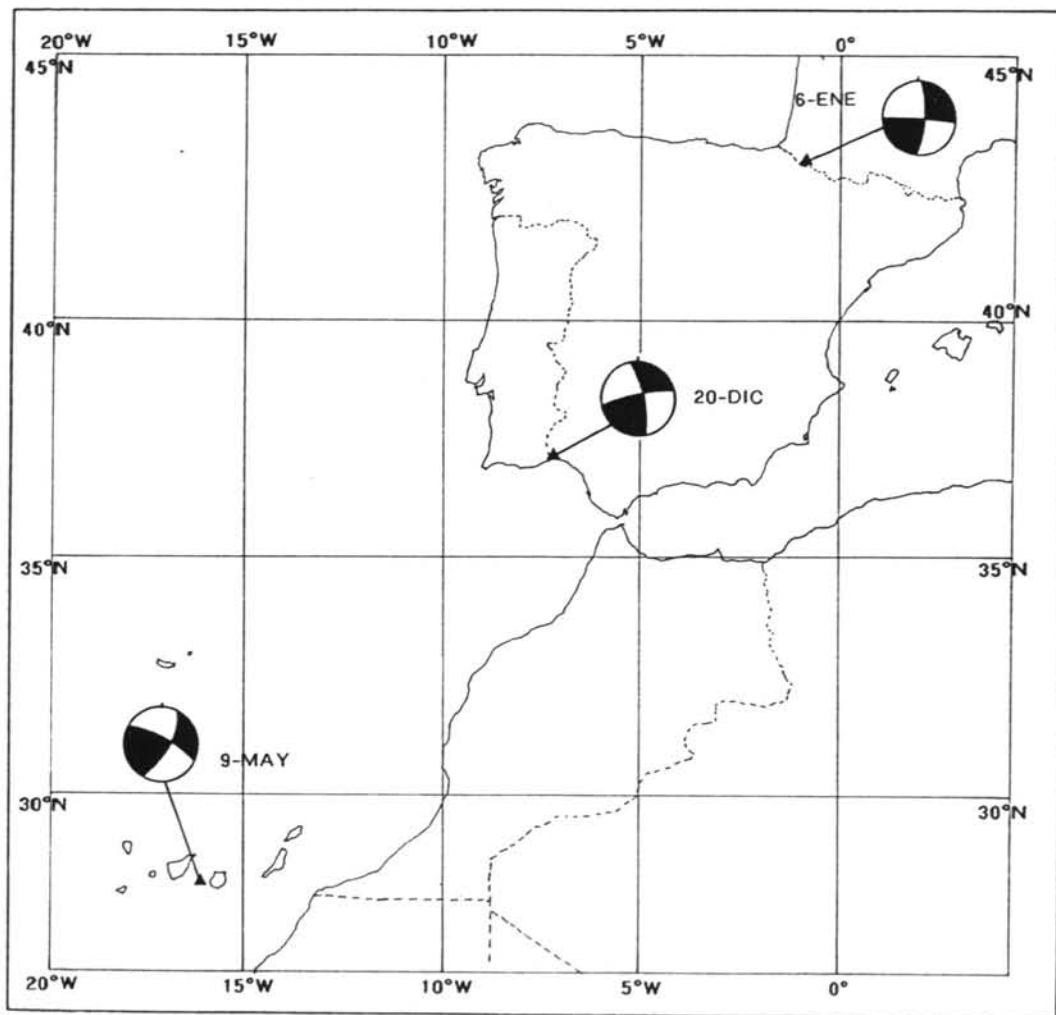
EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR										
20 dic 10h 18m 14.6s 36°44'N 06°10'W rms ±0.8s mb 3.0 SW. JEREZ.CA									25 dic 21h 16m 20.1s 35°36'N 09°53'W 27Km rms ±0.9s mb 3.5 SW. CABO SAN VICENTE																		
EJIF	E	0	10 18 25.6	E 0	10 19 00.2	0.07	0.5	65	AVE	I	0	21 17 07.0	I 0	21 17 46.0													
EPRU	E	0	10 18 28.0	E 0	10 19 08.4	0.11	0.8	70	LIS				E 0	21 17 41.0													
EVAL	E	0	10 18 31.5	E 0	10 19 17.5	0.07	0.3	35	EVAL	I D	0	21 17 08.7	E 0	21 17 51.7	0.08	0.2	100	MOE	E	4	21 17 15.5	I 0	21 17 59.0				
EHOR	E	0	10 18 37.2	E 0	10 19 33.4	0.12	0.7	45	MTH				E 0	21 17 47.0													
ATEJ	E	0	10 18 45.8	E 4	10 19 56.8				NKM	I	0	21 17 15.0	I 0	21 18 08.0													
ALOJ	E	0	10 18 44.5	E 4	10 19 54.5				EJIF	I	0	21 17 15.9	E 0	21 18 11.3				70									
AAPN	E	4	10 18 47.5	E 0	10 19 52.5				EPRU	I D	0	21 17 19.8	E 0	21 18 22.8				60									
ASMO	E	0	10 18 49.0	E 4	10 20 08.0				EHOR	I C	0	21 17 24.2	E 0	21 18 36.2				78									
APHE	E	4	10 18 51.0						ATEJ	E	0	21 17 32.4	E 4	21 18 55.4													
EBAN				E 0	10 19 22.4	0.01	0.3		ALOJ				E 0	21 18 23.5													
20 dic 10h 26m 07.8s 36°38'N 06°12'W rms ±0.3s mb 3.2 SW. JEREZ.CA									26 dic 13h 22m 06.4s 37°20'N 01°51'W rms ±0.7s mb 3.1 CUEVAS DE ALMANZORA.AL																		
EJIF	E	0	10 26 19.2	E 0	10 26 46.5	0.09	0.5	100	ENIJ	I C	0	13 22 15.0	E 0	13 22 36.0	0.07	0.2	45										
EPRU	E	0	10 26 23.0	E 0	10 26 57.2	0.02	1.0	100	EALH	I C	0	13 22 17.9	E 0	13 22 43.9	0.05	0.3	45										
EVAL	E	0	10 26 26.7	E 0	10 27 07.7	0.12	0.4	50	ALM	E	0	13 22 18.8	E 0	13 22 46.0													
EHOR	E	0	10 26 32.5	E 0	10 27 24.5	0.15	0.5	60	EVIA	I	0	13 22 31.5	E 0	13 23 20.5	0.07	0.3	48										
MAL	E	4	10 26 37.0						AFC	E	0	13 22 31.7	E 0	13 23 20.3	0.02	0.4	40										
ALOJ	E	9	10 26 40.0	E 0	10 27 43.5				ASMO	E	0	13 22 33.0	E 0	13 23 27.5													
AAPN	E	4	10 26 40.0	E 4	10 27 44.0				APHE	E	0	13 22 33.0	E 4	13 23 23.5													
ATEJ	E	4	10 26 42.0						EBAN	I C	0	13 22 36.2	E 0	13 23 33.8	0.02	0.2	52										
APHE	E	9	10 26 46.7	E 0	10 27 58.7				AAPN	E	0	13 22 37.0	E 4	13 23 41.1													
ASMO	E	4	10 26 47.0						ATEJ	E	0	13 22 37.5	E 4	13 23 42.0													
EBAN				E 0	10 27 17.5	0.02	0.4		ALOJ	E	0	13 22 38.5															
22 dic 09h 10m 52.8s 42°44'N 07°41'W 13Km rms ±0.4s mb 3.0 TABOADA.LU									31 dic 17h 11m 25.9s 36°34'N 08°22'W rms ±0.9s mb 3.3 S. CABO SAN VICENTE																		
ERUA	I	0	09 11 03.0	E 0	09 11 12.4	0.08	0.3	60	FIG	E	0	17 11 37.5	E 0	17 12 25.5													
STS	I D	0	09 11 05.0	E 0	09 11 18.5	0.14	0.2	62	EVAL	E	0	17 11 55.1	E 0	17 13 10.1	0.03	0.2	45										
EZAM	I	0	09 11 09.9	E 0	09 11 32.9				MOE	E	0	17 11 58.6	E 0	17 13 19.6													
MVO	E	0	09 11 20.0	0	09 12 00.0				EBAN	E	0	17 12 25.0	E 0	17 13 35.4													
MTE	E	9	09 11 30.5	I 0	09 12 29.0				MTE				E 4	17 13 16.0													
EPLA	E	0	09 11 38.5			0.01	0.3	65																			
GUD	E	9	09 11 55.0	E 0	09 13 29.0	0.01	0.3	32																			
23 dic 17h 02m 31.6s 43°04'N 00°05'W 3Km rms ±0.5s mb 3.2 LOURDES.FR																											
OGE		0	17 02 36.5	E 0	17 03 17.8																						
EPF		0	17 02 36.9	0	17 03 18.9																						
LHE	C	0	17 02 38.8	E 0	17 03 24.8																						
SALF		0	17 02 49.1	0	17 03 52.0																						
LESF		0	17 02 49.6																								
AVN		0	17 02 56.1																								
ECRI	I	0	17 03 03.3	E 0	17 03 29.1	0.04	0.2	80																			
MTHF		0	17 03 03.7	4	17 03 34.5																						
LPO		9	17 03 05.0	0	17 03 34.4	0.03	0.3																				
LFF		9	17 03 07.2	0	17 03 39.2	0.02	0.3																				
MRB		9	17 03 11.0	0	17 03 46.5																						
EROQ	E	9	17 03 15.7	E 0	17 03 58.7	0.02	0.2	90																			
ETER	E	9	17 03 14.4	E 0	17 03 58.6	0.02	0.4	42																			
ETOR	E	0	17 03 14.5					73																			
GUD	E	0	17 03 30.6	E 0	17 04 45.6			77																			

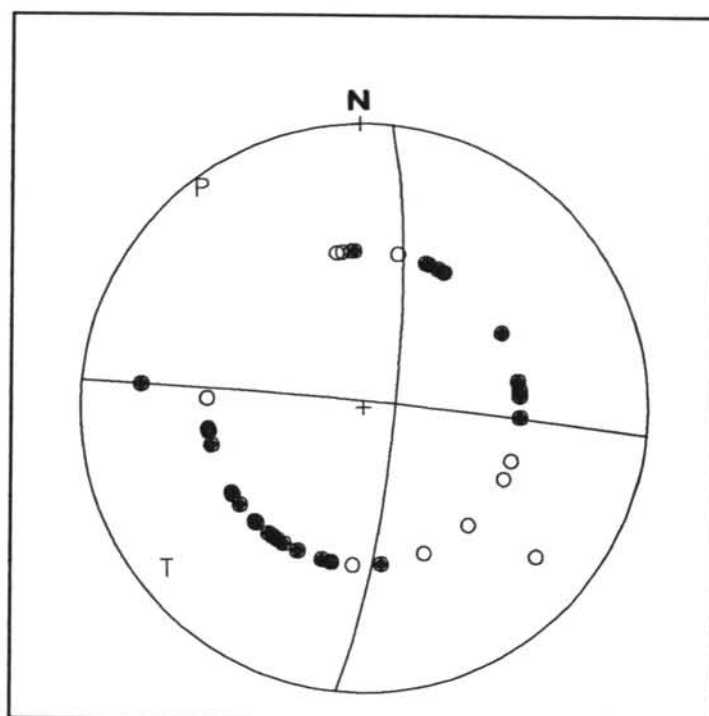
MAPAS DE ISOSISTAS





MECANISMOS FOCALES

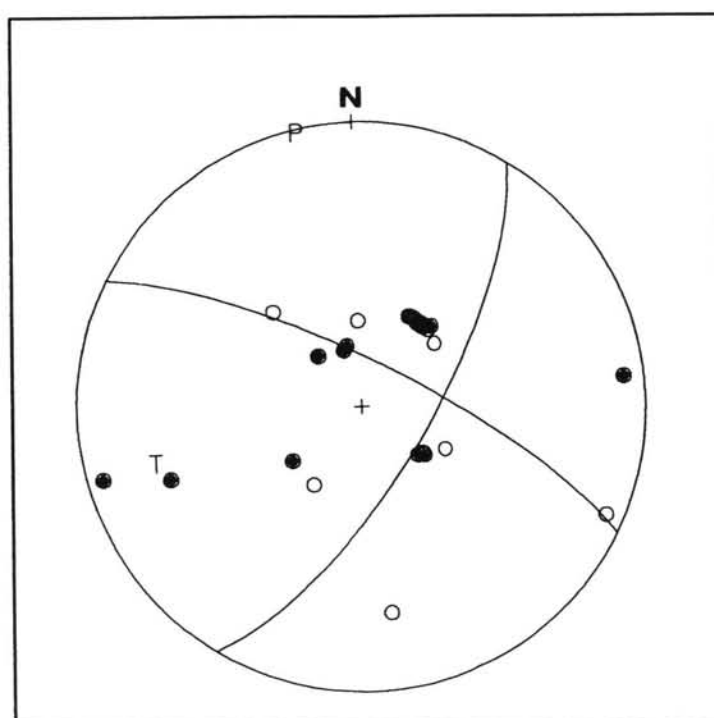


6-ENERO-1.989 VALLEE DE CAMPAN (FRANCIA)

HO= 19h 33m 08.8s Lon= 0° 09.0'W Lat= 43° 00.7'N mb= 4.1

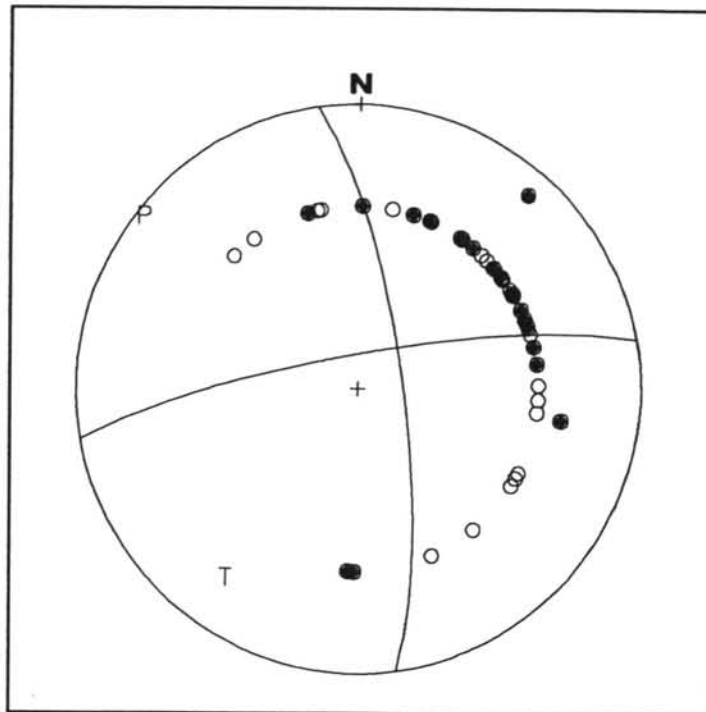
	ACIMUT	BUZAMIENTO	
Eje T	$231^{\circ} \pm 5^{\circ}$	$83^{\circ} \pm 4^{\circ}$	
Eje P	$322^{\circ} \pm 4^{\circ}$	$86^{\circ} \pm 6^{\circ}$	
	ACIMUT	BUZAMIENTO	ANG.DESL.
Plano A	276°	$88^{\circ} \pm 5^{\circ}$	$7^{\circ} \pm 6^{\circ}$
Plano B	7°	$83^{\circ} \pm 6^{\circ}$	$178^{\circ} \pm 5^{\circ}$
Número de observaciones = 42			
Indice de acierto = 0.86			

9-MAYO-1.989 TENERIFE - GRAN CANARIA



HO= 02h 30m 37.4s Lon= 16° 12.0'W Lat= 27° 56.8'N h= 36km
 md= 5.2 $M_0 = 4.0 \times 10^{16}$ Nm

	ACIMUT	BUZAMIENTO	
Eje T	$255^\circ \pm 6^\circ$	$23^\circ \pm 13^\circ$	
Eje P	$346^\circ \pm 13^\circ$	$4^\circ \pm 8^\circ$	
	ACIMUT	BUZAMIENTO	ANG.DESL.
Plano A	$33^\circ \pm 11^\circ$	$71^\circ \pm 11^\circ$	$166^\circ \pm 14^\circ$
Plano B	$298^\circ \pm 11^\circ$	$77^\circ \pm 9^\circ$	$20^\circ \pm 11^\circ$
Número de observaciones = 37			
Indice de acierto = 0.73			

20-DICIEMBRE-1.989 AYAMONTE (HUELVA)

HO= 04h 15m 05.0s Lon= 7° 23.5'W Lat= 37° 13.5'N h= 23km mb= 5.0

	ACIMUT	BUZAMIENTO	
Eje T	$215^{\circ} \pm 8^{\circ}$	$74^{\circ} \pm 9^{\circ}$	
Eje P	$305^{\circ} \pm 12^{\circ}$	$88^{\circ} \pm 7^{\circ}$	
	ACIMUT	BUZAMIENTO	ANG.DESL.
Plano A	$351^{\circ} \pm 8^{\circ}$	$77^{\circ} \pm 11^{\circ}$	$170^{\circ} \pm 10^{\circ}$
Plano B	$259^{\circ} \pm 7^{\circ}$	$80^{\circ} \pm 10^{\circ}$	$13^{\circ} \pm 12^{\circ}$

Número de observaciones = 40
Indice de acierto = 0.77

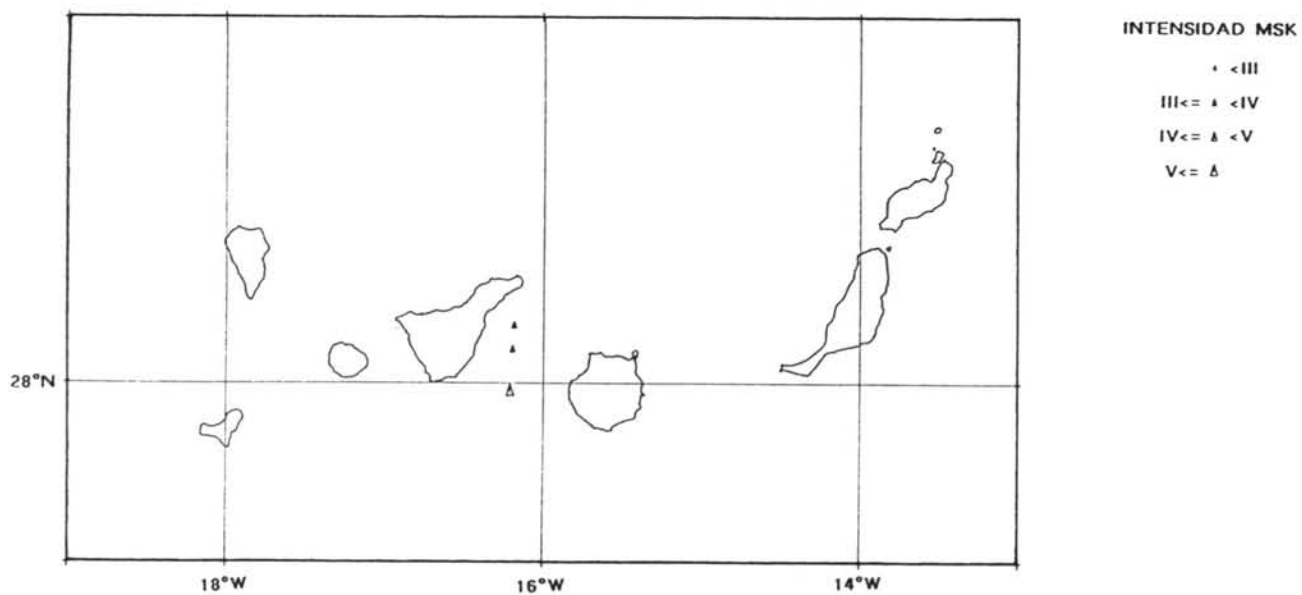
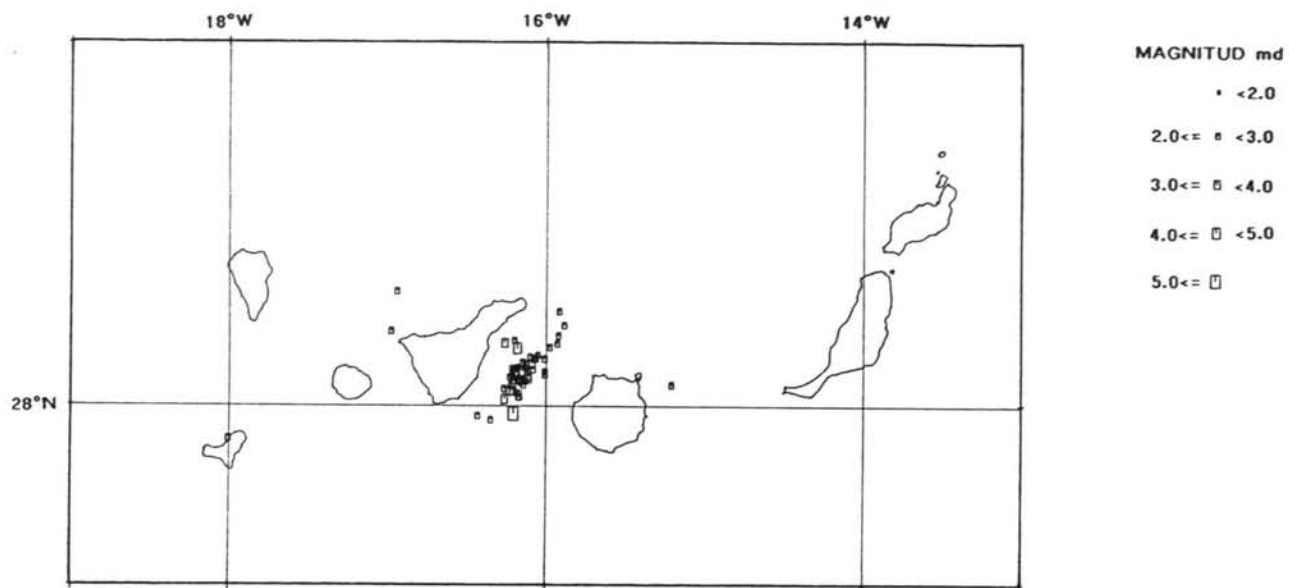
SISMICIDAD DE LAS ISLAS CANARIAS AÑO 1.989

- Resumen de sismos localizados
- Mapa de sismicidad por magnitudes
- Datos del cálculo hipocentral

LEYENDA

FECHA	Año - mes - día
HORA	Hora origen (GMT)
LONGITUD	Longitud en grados, minutos y décimas
LATITUD	Latitud en grados, minutos y décimas
PRO	Profundidad en kilómetros
RMS	Error cuadrático medio de la hora origen, en segundos
EH	Error epicentral en kilómetros
EZ	Error en profundidad en kilómetros
NO	Número de observaciones utilizadas en el cálculo
AGEN	Servicio Nacional de Sismología, IGN España
MD	Magnitud md a partir de la duración
INT	Intensidad máxima, escala M.S.K.
+	Dispone de mapa de isosistas
P	Sismo premonitorio
R	Réplica
S	Sismo submarino, sentido en tierra
T	Sismo que ha ocasionado tsunami
M	Dispone de mecanismo focal calculado

FECHA	HORA	LONGITUD	LATITUD	PRO	RMS	RH	RZ	NO	AGEN	MD	INT	LOCALIZACIÓN
1989-03-22	18 00 30.0	15°12.6'W	28°06.5'N	42	±0.3			6	SSIS	2.9		E. GRAN CANARIA
1989-03-22	19 28 06.2	16°58.4'W	28°24.4'N	18	±0.6			7	SSIS	2.5		N.W. TENERIFE
1989-03-23	10 37 02.7	16°56.1'W	28°37.6'N	39	±0.5			7	SSIS	2.4		N.W. TENERIFE
1989-04-25	09 28 05.2	16°15.2'W	28°20.4'N	51	±0.6			9	SSIS	3.1		TENERIFE-GRAN CANARIA
1989-05-09	02 30 37.4	16°12.0'W	27°56.8'N	36	±0.4	±5	±2	8	SSIS	5.2	V	TENERIFE-GRAN CANARIA
1989-05-09	02 39 49.5	16°04.0'W	28°15.0'N	27	±0.2	±5	±5	6	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-05-09	02 41 03.1	16°00.2'W	28°09.8'N	30	±0.2	±7	±0	5	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-09	02 47 50.9	15°55.5'W	28°20.2'N	1	±0.4	±5	±4	6	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-05-09	02 48 35.8	15°52.9'W	28°26.3'N	1	±0.6	±6	±6	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-09	02 49 23.1	16°05.6'W	28°15.7'N	40	±0.1	±2	±2	6	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-05-09	03 02 08.9	16°03.5'W	28°15.1'N	38	±0.1			4	SSIS	2.2	R	TENERIFE-GRAN CANARIA
1989-05-09	03 05 11.2	16°07.4'W	28°07.6'N	37	±0.1	±3	±3	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-09	03 22 25.2	16°06.6'W	28°11.2'N	42	±0.4	±1	±7	6	SSIS	3.0	R	TENERIFE-GRAN CANARIA
1989-05-09	03 33 43.3	16°04.6'W	28°11.5'N	38	±0.2	±5	±3	6	SSIS	2.9	R	TENERIFE-GRAN CANARIA
1989-05-09	03 36 56.7	16°00.2'W	28°10.8'N	16	±0.1			4	SSIS	2.4	R	TENERIFE-GRAN CANARIA
1989-05-09	03 45 47.6	16°12.3'W	28°10.3'N	54	±0.4	±4	±0	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-09	04 15 11.8	16°12.2'W	28°04.2'N	24	±0.3	±7	±3	6	SSIS	3.1	R	TENERIFE-GRAN CANARIA
1989-05-09	07 12 11.0	16°15.4'W	28°01.6'N	18	±0.6	±6		7	SSIS	3.1	R	TENERIFE-GRAN CANARIA
1989-05-09	07 57 45.8	16°12.5'W	28°11.9'N	46	±0.7	±0	±7	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-09	08 19 56.1	16°11.1'W	28°10.6'N	43	±0.5	±6	±4	5	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-09	08 21 56.9	16°25.6'W	27°56.1'N	30	±0.2			4	SSIS	2.2	R	TENERIFE-GRAN CANARIA
1989-05-09	08 24 11.3	16°07.4'W	28°09.0'N	37	±0.6	±9	±9	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-09	09 46 38.4	16°12.5'W	28°06.6'N	37	±0.2	±5	±4	6	SSIS	3.0	R	TENERIFE-GRAN CANARIA
1989-05-09	10 46 49.2	16°10.5'W	28°18.7'N	48	±0.6	±7	±4	9	SSIS	4.0	III	TENERIFE-GRAN CANARIA
1989-05-09	15 40 57.6	16°02.8'W	28°16.3'N	31	±0.2	±5	±5	5	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-05-09	15 49 06.8	16°09.4'W	28°07.2'N	28	±0.6	±6	±8	6	SSIS	2.8	R	TENERIFE-GRAN CANARIA
1989-05-09	21 15 24.6	16°10.9'W	28°11.9'N	45	±0.5	±7	±4	5	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-10	02 11 45.6	16°00.3'W	28°15.1'N	5	±0.5	±5	±4	5	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-05-10	04 10 41.6	16°10.3'W	28°12.2'N	46	±0.3	±6	±5	6	SSIS	2.8	R	TENERIFE-GRAN CANARIA
1989-05-10	04 49 22.3	16°05.1'W	28°13.5'N	35	±0.4	±4	±5	8	SSIS	3.2	R	TENERIFE-GRAN CANARIA
1989-05-10	05 41 04.0	16°12.2'W	28°07.7'N	27	±0.2	±6	±9	5	SSIS	2.4	R	TENERIFE-GRAN CANARIA
1989-05-10	09 17 40.4	16°09.3'W	28°08.0'N	16	±0.1	±5	±4	5	SSIS	2.9	R	TENERIFE-GRAN CANARIA
1989-05-10	11 11 06.5	16°08.6'W	28°10.9'N	19	±0.6	±7		9	SSIS	3.3	R	TENERIFE-GRAN CANARIA
1989-05-10	21 28 45.7	15°55.1'W	28°22.9'N	1	±0.7	±0	±9	5	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-11	01 03 52.9	16°07.2'W	28°13.0'N	27	±0.3	±9	±2	5	SSIS	3.0	R	TENERIFE-GRAN CANARIA
1989-05-12	06 28 58.4	16°08.3'W	28°06.3'N	10	±0.3	±9	±2	6	SSIS	2.5	R	TENERIFE-GRAN CANARIA
1989-05-14	18 44 56.8	16°10.0'W	28°02.9'N	14	±0.6	±5	±0	8	SSIS	3.1	R	TENERIFE-GRAN CANARIA
1989-05-16	11 55 48.1	16°06.3'W	28°09.3'N	17	±0.4	±9	±7	6	SSIS	3.0	R	TENERIFE-GRAN CANARIA
1989-05-19	15 13 02.1	16°09.5'W	28°08.1'N	22	±0.5	±8	±1	7	SSIS	3.0	R	TENERIFE-GRAN CANARIA
1989-05-19	15 18 58.6	15°58.4'W	28°19.0'N	3	±0.5	±2	±8	5	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-26	02 32 49.5	16°08.5'W	28°13.9'N	13	±0.2			4	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-26	03 11 28.7	16°15.6'W	28°05.1'N	17	±0.7			4	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-05-29	06 58 54.3	16°11.1'W	28°10.7'N	51	±0.7	±8	±8	9	SSIS	4.0	III	TENERIFE-GRAN CANARIA
1989-06-01	20 40 12.3	16°10.0'W	28°02.2'N	32	±0.2	±3	±5	6	SSIS	2.8	R	TENERIFE-GRAN CANARIA
1989-06-01	23 30 52.4	16°10.7'W	28°03.6'N	35	±0.2	±3	±6	6	SSIS	2.7	R	TENERIFE-GRAN CANARIA
1989-06-04	03 27 53.8	16°13.3'W	28°04.5'N	20	±0.6	±4	±8	11	SSIS	3.4	R	TENERIFE-GRAN CANARIA
1989-06-11	01 51 12.8	16°20.6'W	27°54.7'N	32	±0.3	±5	±7	6	SSIS	2.6	R	TENERIFE-GRAN CANARIA
1989-06-16	15 54 57.7	15°54.7'W	28°31.0'N	33	±0.5	±5	±8	8	SSIS	2.8	R	TENERIFE-GRAN CANARIA
1989-11-07	09 00 17.2	16°11.6'W	28°21.2'N	31	±0.1			6	SSIS	2.2		E. TENERIFE
1989-11-28	08 54 28.0	16°06.5'W	28°08.4'N	26	±0.4			7	SSIS	3.4	R	TENERIFE-GRAN CANARIA



LEYENDA

EST	Código de la estación.
I/E	Fase impulsiva (I) o emergente (E).
W	Peso de la lectura en el cálculo *4* Peso nulo. *9* Calculado con S-P.
HORA P	Hora de llegada de la primera fase. Horas minutos y segundos.
HORA S	Hora de llegada de la fase "S" correspondiente.
AMP	Amplitud del movimiento del suelo.
PER	Periodo en segundos.
DUR	Duración del registro del sismo en segundos.

Estación temporal:**Código: ABN****Longitud: 16° 26' 16" W****Latitud: 28° 09' 48" N**

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
01 mar	16h	08m	16.4s	27°49'N	18°00'W	39Km			
	rms ±0.3s	md 2.4		IS. EL HIERRO					
CVVD I	0	16	08	22.4	0	16	08	48.8	35
TBT E	0	16	08	30.4	0	16	09	12.3	33
CTFE					4	16	09	03.2	28
GGC					0	16	09	11.5	55
CFTV I D O	0	16	09	07.5	0	16	09	52.5	60

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
22 mar	18h	00m	30.0s	28°06'N	15°13'W	42Km			
	rms ±0.3s	md 2.9		E. GRAN CANARIA					
GGC I D O	0	18	00	38.6	0	18	01	23.2	60
CTFE E	4	18	00	44.3	0	18	01	42.7	65
CFTV I C O	0	18	00	46.8	0	18	01	46.1	67
TBT					0	18	01	32.8	

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
22 mar	19h	28m	06.2s	28°24'N	16°58'W	18Km			
	rms ±0.6s	md 2.5		N.W. TENERIFE					
CTFE I	0	19	28	17.5	0	19	28	42.0	48
TBT I	0	19	28	20.7	0	19	28	50.8	46
GGC I	0	19	28	25.0	0	19	29	03.5	39
CFTV I	0	19	28	43.2	4	19	29	52.2	63

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
23 mar	10h	37m	02.7s	28°38'N	16°56'W	39Km			
	rms ±0.5s	md 2.4		N.W. TENERIFE					
CTFE I C O	0	10	37	14.0	0	10	37	35.8	45
TBT E	4	10	37	15.2	0	10	37	42.6	34
GGC I	0	10	37	22.0	0	10	37	58.8	35
CFTV I D O	0	10	37	40.2	0	10	38	46.9	57

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
25 abr	09h	28m	05.2s	28°20'N	16°15'W	51Km			
	rms ±0.6s	md 3.1		TENERIFE-GRAN CANARIA					
CTFE I C O	0	09	28	13.2	0	09	28	31.3	90
GGC I D O	0	09	28	15.7	4	09	28	43.7	96
TBT I C O	0	09	28	28.5	0	09	29	13.7	75
CVVD E	0	09	28	29.1	0	09	29	17.2	85
CFTV I C O	0	09	28	34.0	0	09	29	30.0	106

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	30m	37.4s	27°57'N	16°12'W	36Km			
	rms ±0.4s	md 5.2		V TENERIFE-GRAN CANARIA					
CTFE I D O	0	02	30	47.3					800
GGC I C O	0	02	30	47.4					1400
CVVD I C O	0	02	31	01.2	E 0	02	31	18.9	750
TBT I D O	0	02	31	02.8	I 0	02	31	24.5	
CFTV I C O	0	02	31	06.3	E 0	02	31	33.4	850

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	39m	49.5s	28°15'N	16°04'W	27Km			
	rms ±0.2s	md 2.7		TENERIFE-GRAN CANARIA					
CTFE E	0	02	39	55.5	E 0	02	40	56.0	0.2 50
GGC E	0	02	39	57.0	E 0	02	41	00.0	0.2 40
CFTV E	0	02	40	16.1	E 0	02	40	51.4	0.2 45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	41m	03.1s	28°10'N	16°00'W	30Km			
	rms ±0.2s	md 2.6		TENERIFE-GRAN CANARIA					
GGC E	0	02	41	10.0					0.2 35
CTFE E	0	02	41	11.0	E 0	02	41	27.5	0.2 60
CFTV E	0	02	41	28.5	E 0	02	42	16.9	0.3 50

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	47m	50.9s	28°20'N	15°56'W	1Km			
	rms ±0.4s	md 2.7		TENERIFE-GRAN CANARIA					
GGC E	0	02	47	58.0	E 0	02	49	01.5	0.2 60
CTFE E	0	02	47	58.5	E 0	02	49	01.6	0.2 40
CFTV E	0	02	48	16.6	E 0	02	48	53.8	0.2 45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	48m	35.8s	28°26'N	15°53'W	1Km			
	rms ±0.6s	md 2.5		TENERIFE-GRAN CANARIA					
GGC E	0	02	48	42.6	E 0	02	49	32.9	0.2 50
CTFE E	0	02	48	43.3	E 0	02	49	32.1	0.2 35
CFTV					E 0	02	49	21.0	0.3 20

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	02h	49m	23.1s	28°16'N	16°06'W	40Km			
	rms ±0.1s	md 2.7		TENERIFE-GRAN CANARIA					
CTFE E	0	02	49	30.0	E 0	02	50	05.5	0.2 35
GGC I C O	0	02	49	31.9	E 0	02	50	10.2	0.2 60
CFTV E	0	02	49	49.9	E 0	02	50	59.8	0.2 45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	03h	02m	08.9s	28°15'N	16°04'W	38Km			
	rms ±0.1s	md 2.2		TENERIFE-GRAN CANARIA					
CTFE E	0	03	02	16.1	E 0	03	02	37.6	0.2 30
GGC E	0	03	02	17.2					0.2 30
CFTV					E 0	03	02	55.0	15

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	03h	05m	11.2s	28°08'N	16°07'W	37Km			
	rms ±0.1s	md 2.5		TENERIFE-GRAN CANARIA					
CTFE E	0	03	05	19.0	E 0	03	05	44.1	0.2 40
GGC E	0	03	05	19.9	E 0	03	05	46.0	0.2 40
CFTV					E 0	03	05	59.0	0.2 25

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	03h	22m	25.2s	28°11'N	16°07'W	42Km			
	rms ±0.4s	md 3.0		TENERIFE-GRAN CANARIA					
CTFE E	0	03	22	33.2	E 0	03	23	12.2	0.2 75
GGC I C O	0	03	22	33.3	E 0	03	23	14.3	0.2 50
CFTV E	0	03	22	53.0	E 0	03	24	05.4	0.2 60

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	
09 may	03h	33m	43.3s	28°12'N	16°05'W	38Km			
	rms ±0.2s	md 2.9		TENERIFE-GRAN CANARIA					
CTFE E	0	03	33	51.0	E 0	03	34	47.4	0.2 60
GGC I D O	0	03	33	51.2	I 0	03	34	49.1	0.2 60
CFTV E	0	03	34	10.1	E 0	03	34	40.0	0.2 45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
09 may 03h 36m 56.7s 28°11'N 16°00'W 16Km rms ±0.1s md 2.4 TENERIFE-GRAN CANARIA								
GGC	E	0	03 37	03.0			0.1	30
CTFE	E	0	03 37	04.0	E 0 03 37	13.0	0.2	40
CFTV					E 0 03 37	41.7	0.3	15
09 may 03h 45m 47.6s 28°10'N 16°12'W 54Km rms ±0.4s md 2.5 TENERIFE-GRAN CANARIA								
CTFE	E	0	03 45	57.1	E 0 03 47	00.1	0.2	35
GGC	E	0	03 45	57.8	E 0 03 47	04.6	0.2	45
CFTV					E 0 03 46	37.5	0.3	20
09 may 04h 15m 11.8s 28°04'N 16°12'W 24Km rms ±0.3s md 3.1 TENERIFE-GRAN CANARIA								
CTFE	E	0	04 15	19.7	E 0 04 15	44.8	0.2	65
GGC	I D 0		04 15	20.5	E 0 04 15	48.4	0.2	90
CFTV	E	0	04 15	40.4	E 0 04 16	41.5	0.2	50
09 may 07h 12m 11.0s 28°02'N 16°15'W 18Km rms ±0.6s md 3.1 TENERIFE-GRAN CANARIA								
CTFE	I D 0		07 12	19.5	I 0 07 12	44.6	0.2	60
GGC	I C 0		07 12	20.1	E 0 07 12	48.6	0.2	65
CFTV	E	0	07 12	40.6	E 0 07 13	41.3	0.2	50
TBT					E 0 07 12	52.9	0.3	15
09 may 07h 57m 45.8s 28°12'N 16°12'W 46Km rms ±0.7s md 2.5 TENERIFE-GRAN CANARIA								
CTFE	I D 0		07 57	54.6	E 0 07 58	54.0	0.2	45
GGC	E	0	07 57	54.9	E 0 07 58	58.8	0.2	50
CFTV					E 0 07 58	35.3	0.3	20
09 may 08h 19m 56.1s 28°11'N 16°11'W 43Km rms ±0.5s md 2.6 TENERIFE-GRAN CANARIA								
CTFE	E	0	08 20	04.5	I 0 08 20	13.9	0.2	40
GGC	E	0	08 20	05.0	E 0 08 20	18.5	0.2	45
CFTV					E 0 08 20	45.1	0.3	25
09 may 08h 21m 56.9s 27°56'N 16°26'W 30Km rms ±0.2s md 2.2 TENERIFE-GRAN CANARIA								
CTFE					E 0 08 22	14.3	0.3	25
GGC	I C 0		08 22	09.0	E 0 08 22	27.4	0.2	40
CFTV					E 0 08 22	51.7		10
09 may 08h 24m 11.3s 28°09'N 16°13'W 37Km rms ±0.6s md 2.5 TENERIFE-GRAN CANARIA								
CTFE	E	0	08 24	19.4	E 0 08 24	43.5	0.3	35
GGC	I C 0		08 24	20.0	I 0 08 24	48.8	0.2	45

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR
CFTV E 0 08 25 01.0								
09 may 09h 46m 38.4s 28°07'N 16°12'W 37Km rms ±0.2s md 3.0 TENERIFE-GRAN CANARIA								
CTFE	I D 0		09 46	46.7	E 0 09 47	38.9	0.3	55
GGC	I C 0		09 46	47.6	I 0 09 47	42.8	0.2	90
CFTV	E	0	09 47	06.9	E 0 09 47	35.0	0.3	45
09 may 10h 46m 49.2s 28°19'N 16°10'W 48Km rms ±0.6s md 4.0 III TENERIFE-GRAN CANARIA								
CTFE	I D 0		10 46	57.5	I 0 10 47	59.2	0.2	170
GGC	I C 0		10 46	58.2	E 0 10 48	05.7	0.2	200
TBT	E	0	10 47	13.6	E 0 10 47	44.8	0.2	125
CFTV	I	0	10 47	17.3	E 0 10 47	55.1	0.3	185
CVVD	I C 9		10 47	18.7	E 0 10 47	56.4	0.5	180
09 may 15h 40m 57.6s 28°16'N 16°03'W 31Km rms ±0.2s md 2.7 TENERIFE-GRAN CANARIA								
CTFE	E	0	15 41	03.9	E 0 15 41	13.0	0.2	55
GGC	E	0	15 41	05.5	E 0 15 41	16.5	0.2	75
CFTV					E 0 15 41	43.3		25
09 may 15h 49m 06.8s 28°07'N 16°09'W 28Km rms ±0.6s md 2.8 TENERIFE-GRAN CANARIA								
CTFE	I D 0		15 49	14.0	I 0 15 49	33.8	0.2	40
GGC	I C 0		15 49	14.5	E 0 15 49	36.9	0.2	50
CFTV	E	0	15 49	35.4	E 0 15 50	29.9	0.3	40
09 may 21h 15m 24.6s 28°12'N 16°11'W 45Km rms ±0.5s md 2.5 TENERIFE-GRAN CANARIA								
CTFE	I D 0		21 15	33.1	I 0 21 16	11.1	0.3	50
GGC	E	0	21 15	33.7	E 0 21 16	16.0	0.2	40
CFTV					E 0 21 16	13.6		20
10 may 02h 11m 45.6s 28°15'N 16°00'W 5Km rms ±0.5s md 2.7 TENERIFE-GRAN CANARIA								
GGC	I D 0		02 11	51.6	I 0 02 12	49.8	0.2	55
CTFE	E	0	02 11	51.9	I 0 02 12	48.8	0.2	60
CFTV					E 0 02 12	32.3		25
10 may 04h 10m 41.6s 28°12'N 16°10'W 46Km rms ±0.3s md 2.8 TENERIFE-GRAN CANARIA								
CTFE	I D 0		04 10	50.1	I 0 04 11	45.3	0.2	70
GGC	E	0	04 10	51.0	E 0 04 11	50.0	0.2	60
TBT					E 0 04 11	24.7		
CFTV					E 0 04 11	30.3		30

EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR	EST	I/E	W	HORA P	I/E W	HORA S	AMP	PER	DUR		
10 may 04h 49m 22.3s 28°14'N 16°05'W 35Km rms ±0.4s md 3.2 TENERIFE-GRAN CANARIA									14 may 18h 44m 56.8s 28°03'N 16°10'W 14Km rms ±0.6s md 3.1 TENERIFE-GRAN CANARIA										
CTFE	I	D	0	04 49 29.4	I	0	04 50 03.8	0.2	100	ABN	I	C	0	18 45 02.7	E	0	18 45 08.4	0.1	75
GGC	I	D	0	04 49 29.4	E	0	04 50 06.5	0.2	80	CTFE	I	D	0	18 45 05.2	I	0	18 45 15.7	0.2	75
CFTV	E	0	04 49 49.3	E	0	04 50 58.1	0.2	55	GGC	I	C	0	18 45 05.5	E	0	18 45 16.2	0.2	65	
TBT					E	0	04 50 06.4			CFTV	E	0	18 45 25.8	E	0	18 46 11.3	0.2	55	
CVVD					E	0	04 50 06.9			16 may 11h 55m 48.1s 28°09'N 16°06'W 17Km rms ±0.4s md 3.0 TENERIFE-GRAN CANARIA									
10 may 05h 41m 04.0s 28°08'N 16°12'W 27Km rms ±0.2s md 2.4 TENERIFE-GRAN CANARIA									CTFE	I	D	0	11 55 54.5	I	0	11 56 54.5	0.2	60	
CTFE	E	0	05 41 11.3	E	0	05 41 27.7	0.3	40	GGC	I	D	0	11 55 55.5	E	0	11 56 57.4	0.2	70	
GGC	E	0	05 41 12.7	E	0	05 41 32.7	0.2	40	CFTV	E	0	11 56 15.7	E	0	11 56 50.7	0.2	50		
CFTV					E	0	05 41 53.4		15	19 may 15h 13m 02.1s 28°08'N 16°10'W 22Km rms ±0.5s md 3.0 TENERIFE-GRAN CANARIA									
10 may 09h 17m 40.4s 28°08'N 16°09'W 16Km rms ±0.1s md 2.9 TENERIFE-GRAN CANARIA									CTFE	I	D	0	15 13 09.1	I	0	15 13 23.5	0.2	60	
CTFE	I	D	0	09 17 47.4	I	0	09 18 39.6	0.2	75	GGC	E	0	15 13 10.0	E	0	15 13 26.9	0.2	60	
GGC	I	D	0	09 17 48.5	E	0	09 18 43.5	0.2	60	CFTV	E	0	15 13 31.0	E	0	15 14 21.0	0.2	50	
CFTV					E	0	09 18 28.8			TBT				E	0	15 13 44.7			
10 may 11h 11m 06.5s 28°11'N 16°09'W 19Km rms ±0.6s md 3.3 TENERIFE-GRAN CANARIA									19 may 15h 18m 58.6s 28°19'N 15°58'W 3Km rms ±0.5s md 2.6 TENERIFE-GRAN CANARIA										
CTFE	I	D	0	11 11 13.5	E	0	11 11 30.9	0.2	105	GGC	E	0	15 19 05.0	E	0	15 19 16.3	0.2	45	
GGC	I	D	0	11 11 14.2	E	0	11 11 34.6	0.2	110	CTFE	I	0	15 19 05.5	E	0	15 19 14.5	0.3	45	
TBT	E	0	11 11 32.1	E	0	11 12 20.2	0.2	40	CFTV				E	0	15 19 44.8				
CFTV	E	0	11 11 34.0	E	0	11 12 28.4	0.2	65	26 may 02h 32m 49.5s 28°14'N 16°08'W 13Km rms ±0.2s md 2.6 TENERIFE-GRAN CANARIA										
CVVD					E	0	11 11 49.3		50	CTFE	I	C	0	02 32 55.2	I	0	02 33 54.1	0.3	60
10 may 21h 28m 45.7s 28°23'N 15°55'W 1Km rms ±0.7s md 2.6 TENERIFE-GRAN CANARIA									GGC	E	0	02 32 57.7						35	
GGC	I	D	0	21 28 52.5	E	0	21 29 51.7	0.2	50	CFTV				E	0	02 33 37.7			
CTFE	I	D	0	21 28 53.5	E	0	21 29 50.8	0.3	45	26 may 03h 11m 28.7s 28°05'N 16°16'W 17Km rms ±0.7s md 2.6 TENERIFE-GRAN CANARIA									
CFTV					E	0	21 29 32.3			CTFE	I	C	0	03 11 37.2	I	0	03 12 18.1	0.3	65
11 may 01h 03m 52.9s 28°13'N 16°07'W 27Km rms ±0.3s md 3.0 TENERIFE-GRAN CANARIA									GGC	E	0	03 11 38.5						40	
CTFE	I	D	0	01 03 59.6	E	0	01 05 03.4	0.4	85	CFTV				E	0	03 12 18.9			
GGC	I	D	0	01 04 00.7	E	0	01 04 08.2	0.2	75	29 may 06h 58m 54.3s 28°11'N 16°11'W 51Km rms ±0.7s md 4.0 III TENERIFE-GRAN CANARIA									
CFTV					E	0	01 04 40.2			CTFE	I	D	0	06 59 03.0					195
12 may 06h 28m 58.4s 28°06'N 16°08'W 10Km rms ±0.3s md 2.5 TENERIFE-GRAN CANARIA									GGC	I	D	0	06 59 03.9	E	0	06 59 16.7			200
ABN	I	C	0	06 29 04.0	E	0	06 29 11.9	0.2	20	CVVD	E	0	06 59 19.6	E	0	06 59 55.7			160
CTFE	E	0	06 29 06.4	E	0	06 29 17.4			TBT	I	D	0	06 59 20.0	E	0	06 59 56.8	0.3	125	
GGC	E	0	06 29 06.6	E	0	06 29 19.4	0.2	40	CFTV	I	C	0	06 59 22.5	I	0	07 00 05.9	0.2	165	

EST	I/E	W	HORA	P	I/E	W	HORA	S	AMP	PER	DUR		
01 jun 20h 40m 12.3s 28°02'N 16°10'W 32Km rms ±0.2s md 2.8 TENERIFE-GRAN CANARIA													
ABN	I	D	0	20	40	18.6	E	0	20	40	42.2	0.2	50
GGC	I	C	0	20	40	21.0	I	0	20	40	49.0	0.2	50
CTFE	I	D	0	20	40	21.1	E	0	20	40	48.2	0.3	65
01 jun 23h 30m 52.4s 28°04'N 16°11'W 35Km rms ±0.2s md 2.7 TENERIFE-GRAN CANARIA													
ABN	I	D	0	23	30	58.8	E	0	23	32	02.6	0.2	40
CTFE	I	D	0	23	31	01.1	E	0	23	31	07.9	0.3	60
GGC	I	C	0	23	31	01.2	I	0	23	31	09.7	0.2	40
04 jun 03h 27m 53.8s 28°04'N 16°13'W 20Km rms ±0.6s md 3.4 TENERIFE-GRAN CANARIA													
ABN	I	D	0	03	27	59.3	I	0	03	29	01.2	0.1	95
CTFE	I	D	0	03	28	02.2	I	0	03	28	09.0		120
GGC	I	C	0	03	28	02.5	E	0	03	28	12.6	0.2	80
TBT	E		0	03	28	18.0	E	0	03	28	54.3	0.2	50
CFTV	E		0	03	28	23.1	E	0	03	29	05.5	0.2	60
CVVD							E	0	03	28	34.0		50
11 jun 01h 51m 12.8s 27°55'N 16°21'W 32Km rms ±0.3s md 2.6 TENERIFE-GRAN CANARIA													
ABN	E		0	01	51	19.5	E	0	01	51	43.3	0.2	35
CTFE	I	C	0	01	51	22.3	E	0	01	51	52.9	0.3	60
GGC	E		0	01	51	24.1	E	0	01	51	56.6	0.3	45
16 jun 15h 54m 57.7s 28°31'N 15°55'W 33Km rms ±0.5s md 2.8 TENERIFE-GRAN CANARIA													
CTFE	I	D	0	15	55	05.5	I	0	15	55	15.4	0.3	45
GGC	I	C	0	15	55	06.9	I	0	15	55	19.8	0.2	45
ABN	I	D	0	15	55	07.5	E	0	15	55	23.0	0.3	29
CFTV	I	C	0	15	55	22.4	E	0	15	56	02.0	0.2	50
07 nov 09h 00m 17.2s 28°21'N 16°12'W 31Km rms ±0.1s md 2.2 E. TENERIFE													
CTFE	I	C	0	09	00	22.3		0	09	00	48.6		25
GGC	E		0	09	00	27.5		0	09	01	01.7		24
CFTV	I		0	09	00	45.0		0	09	01	50.7		50
28 nov 08h 54m 28.0s 28°08'N 16°06'W 26Km rms ±0.4s md 3.4 TENERIFE-GRAN CANARIA													
CTFE	I	D	0	08	54	35.5		0	08	55	16.5		123
GGC	I	C	0	08	54	35.8		4	08	55	21.3		155
TBT	I		4	08	54	52.5		0	08	56	06.8		78
CHIE	I		0	08	54	55.3		0	08	56	09.8		144
CFTV	I	D	4	08	54	54.8		0	08	56	12.7		148