

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

March to April

2018

Instituto D. Luiz
University of Lisbon
Faculty of Science
Campo Grande
Edifício C1, Piso 1
1749 016 Lisboa
Portugal

Tel : +351-213921866
E-Mail : sigidl@fc.ul.pt

IDL.UL.PT

STATIONS USED

The stations listed below are those operated by the Instituto D. Luiz, Faculty of Science, University of Lisbon (FCUL).
Former Instituto Geofisico Infante D.Luiz.

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

March 2 2018 Hour: 2:20 12.6 Lat: 6.18S Lon: 130.31E Depth:137F Agency: IGL Distant
Rms: 0.1 secs

BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14575	316	EP	KPdf		239	7.42	-.040							1.0
MESJ	BZ14575	316	EPP			241	25.91	0.180							1.0
GGNV	BZ14596	318	EPP			241	26.95	0.010							1.0
MORF	BZ14637	316	EPP			241	29.26	-.140							1.0

March 2 2018 Hour: 4:42 15.6 Lat: 22.08S Lon: 63.76W Depth:526F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 8813	42	EP			453	26.07	-.020							1.0
MESJ	BZ 8813	42	I Amb			453	26.69			105	1.0				

March 2 2018 Hour: 15:21 7.3 Lat: 35.65N Lon: 3.69W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ 471	302	EP			1522	11.13	0.010							1.0

March 3 2018 Hour: 2: 1 1.5 Lat: 35.69N Lon: 8.91W Depth: 32F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 181	7	EP			2 1	26.55	-.160							1.0
MORF	HE 181	7	ES			2 1	45.19	0.070							1.0
MORF	HN 181	7	I AML			2 1	46.28			8	0.1				
MESJ	HZ 246	14	EP			2 1	34.83	-.020							1.0
MESJ	HE 246	14	ES			2 1	59.30	0.110							1.0
MESJ	HE 246	14	I AML			2 2	0.47			2	0.1				

March 4 2018 Hour: 3:33 42.8 Lat: 36.64N Lon: 7.83W Depth: 18F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 104	315	EP			333	59.21	-.100							1.0
MORF	HE 104	315	ES			334	11.37	0.030							1.0
MORF	HE 104	315	I AML			334	12.49			8	0.2				
MESJ	HZ 138	346	EP			334	3.69	0.060							1.0
MESJ	HN 138	346	ES			334	18.83	0.020							1.0
MESJ	HN 138	346	I AML			334	19.94			4	0.1				

March 4 2018 Hour: 9: 5 32.1 Lat: 37.30N Lon: 8.58W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 6	274	EP			9 5	34.29	-.140							1.0
MORF	HE 6	274	ES			9 5	36.06	-.030							1.0
MORF	HE 6	274	I AML			9 5	36.73			578	0.1				
MESJ	HZ 68	28	EP			9 5	43.37	0.270							1.0
MESJ	HE 68	28	ES			9 5	50.99	-.100							1.0
MESJ	HE 68	28	I AML			9 5	51.73			9	0.3				

March 4 2018 Hour: 11:35 58.2 Lat: 36.64N Lon: 7.56W Depth: 21F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ 145	336	EP			1136	19.65	-.040							1.0
MESJ	HN 145	336	ES			1136	35.43	0.040							1.0
MESJ	HE 145	336	I AML			1136	38.47			7	0.1				

March 4 2018 Hour: 23:439.9 Lat: 36.53N Lon: 4.45W Depth: 34F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	365	295	EP		23 5	27.990	.020							1.0
MESJ	HE	365	295	ES		23 6	3.290	.210							1.0
MESJ	HN	365	295	IAML		23 6	5.55			8	0.2				
MORF	HZ	384	284	EP		23 5	30.12	-.220							1.0
MORF	HN	384	284	ES		23 6	7.15	-.020							1.0
MORF	HN	384	284	IAML		23 6	9.31			20	0.3				

March 5 2018 Hour: 1:5736.8 Lat: 36.98N Lon: 7.08W Depth: 31F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	139	314	EP		157	56.06	-.010							1.0
MESJ	HE	139	314	ES		158	10.150	.010							1.0
MESJ	HN	139	314	IAML		158	11.95			3	0.2				

March 5 2018 Hour: 12:2711.3 Lat: 36.92N Lon: 13.80W Depth: 31F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	459	83	EP		1228	10.180	.040							1.0
MORF	HE	459	83	ES		1228	53.170	.070							1.0
MORF	HE	459	83	IAML		1228	54.80			17	0.2				
MESJ	HZ	505	77	EP		1228	15.590	.010							1.0
MESJ	HE	505	77	ES		1229	2.37	-.130							1.0
MESJ	HN	505	77	IAML		1229	5.95			4	0.1				

March 6 2018 Hour: 1:2427.9 Lat: 38.69N Lon: 9.28W Depth: 18F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

E OEIRAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	12	75	EP		124	31.13	-.200							1.0
GGNV	HE	12	75	ES		124	33.970	.150							1.0
GGNV	HN	12	75	IAML		124	35.14			206	0.2				
MESJ	HZ	132	135	EPg		124	48.740	.060							0.9

March 6 2018 Hour: 14:136.4 Lat: 6.29S Lon: 142.61E Depth: 10F Agency: IGL Distant
Magnitudes: 6.9Ms IGL Rms: 0.1 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15455	326	EPKp \bar{d} f			1432	32.440	.060							1.0
GGNV	BZ15455	326	EPP			1435	24.46	-.010							1.0
GGNV	BZ15455	326	IAMs $\bar{2}$ 0			1538	31.70			24860	19.1				
MESJ	BZ15463	324	EPKp \bar{d} f			1432	32.630	.090							1.0
MESJ	BN15463	324	EPP			1435	24.89	-.050							1.0
MESJ	BN15463	324	ESS			1453	42.26	-.120							1.0
MESJ	BZ15463	324	IAMs $\bar{2}$ 0			1535	12.52			21763	22.5				
MORF	BZ15532	324	EPKp \bar{d} f			1432	33.820	.110							1.0
MORF	BZ15532	324	EPP			1435	28.71	-.080							1.0
MORF	BE15532	324	IAMs $\bar{2}$ 0			1532	47.68			21128	19.9				

March 6 2018 Hour: 15:5933.4 Lat: 35.69N Lon: 1.72W Depth: 18F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	628	294	EP		16 0	54.430	.030							1.0
MORF	HZ	647	288	EP		16 0	56.70	-.030							1.0

March 6 2018 Hour: 16:17 17.6 Lat: 38.98N Lon: 9.07W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NE ARRUDA DOS VINHOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	147	149	EP		1617	40.99	-.140							1.0
MESJ	HE	147	149	ES		1617	58.480	.140							1.0
MESJ	HE	147	149	IAML		1617	59.42			2	0.1				

March 7 2018 Hour: 4:40 11.2 Lat: 45.83N Lon: 152.29E Depth: 29F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
EAST OF KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10468	346	346	EPP		457	13.72	-.170							0.9
GGNV	BN10468	346	IAMs_20			540	5.00			2843	22.5				
MESJ	BZ10544	345	345	EP		453	30.040	.060							1.0
MESJ	BZ10544	345	345	EPP		457	19.350	.090							1.0
MESJ	BN10544	345	ESKSac			5 4	3.43	-.060							1.0
MESJ	BZ10544	345	IAMs_20			528	37.90			3771	38.9				
MORF	BZ10611	345	345	EP		453	32.830	.060							1.0
MORF	BZ10611	345	345	EPP		457	23.980	.010							1.0
MORF	BZ10611	345	IAMs_20			540	22.41			3556	19.1				

March 7 2018 Hour: 7:48 37.1 Lat: 36.65N Lon: 11.26W Depth: 31F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	243	72	EP		749	9.23	-.150							1.0
MORF	HN	243	72	ES		749	33.090	.150							1.0
MORF	HN	243	72	IAML		749	34.88			2	0.1				

March 7 2018 Hour: 13:49 16.1 Lat: 5.43S Lon: 151.40E Depth: 56F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.0 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15894	333	333	EPKPdf		14 8	42.51	-.020							1.0
MESJ	BZ15894	333	IAMs_20			1511	56.78			411	10.8				

March 7 2018 Hour: 14:46 12.4 Lat: 28.03N Lon: 57.60E Depth: 35F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs
SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6129	298	EP		1455	40.95	-.010							1.0
MESJ	BZ	6129	298	IAMB		1455	43.40			66	1.4				

March 7 2018 Hour: 21:3 29.8 Lat: 36.58N Lon: 9.60W Depth: 16F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	46	EP		21 3	48.18	-.020							1.0
MORF	HN	117	46	ES		21 4	1.60	-.010							1.0
MORF	HE	117	46	IAML		21 4	4.12			68	0.2				
MESJ	HZ	186	41	EP		21 3	56.68	-.120							1.0
MESJ	HN	186	41	ES		21 4	16.650	.160							1.0
MESJ	HN	186	41	IAML		21 4	18.73			16	0.2				

March 7 2018 Hour: 21:36 34.5 Lat: 35.57N Lon: 6.93W Depth: 32F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	247	322	EP		2137	7.68	-.220							1.0
MORF	HN	247	322	ES		2137	32.390	.080							1.0
MORF	HE	247	322	IAML		2137	33.88			163	0.2				
MESJ	HZ	277	336	EP		2137	11.750	.130							1.0

MESJ HE 277 336 ES 2137 38.750.010 1.0
 MESJ HN 277 336 IAML 2137 41.57 79 0.1

March 8 2018 Hour: 3:51 17.3 Lat: 37.40N Lon: 16.30W Depth: 30F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	677	89	EP		352	43.34	-.060							1.0
MORF	HN	677	89	ES		353	46.07	-.190							1.0
MORF	HE	677	89	IAML		353	48.57		5	0.2					
MESJ	HZ	715	84	EP		352	48.030	.270							1.0
MESJ	HE	715	84	ES		353	53.79	-.010							1.0
MESJ	HE	715	84	IAML		353	56.73		4	0.2					

March 8 2018 Hour: 6:54 58.0 Lat: 36.34N Lon: 7.68W Depth: 8F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	138	321	EP		655	19.880	.090							1.0
MORF	HN	138	321	ES		655	35.63	-.070							1.0
MORF	HE	138	321	ESg		655	36.620	.100							1.0
MORF	HE	138	321	IAML		655	37.62		177	0.2					
MESJ	HZ	173	344	EP		655	24.13	-.030							1.0
MESJ	HN	173	344	ESg		655	46.30	-.090							1.0
MESJ	HE	173	344	IAML		655	48.47		24	0.1					

March 8 2018 Hour: 8:49 44.3 Lat: 16.76S Lon: 35.43E Depth: 6F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

MOZAMBIQUE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7559	323	EP		9 0	44.07	-.030							1.0
MORF	BZ	7559	323	IAMs_20		935	45.10		1313	10.7					
MESJ	BZ	7573	324	EP		9 0	44.75	-.100							1.0
MESJ	BN	7573	324	ES		9 9	45.790	.050							1.0
MESJ	BZ	7573	324	IAMs_20		933	47.44		1604	15.7					
GGNV	BZ	7700	324	EP		9 0	51.980	.080							1.0
GGNV	BN	7700	324	IAMs_20		933	58.54		2700	17.0					

March 8 2018 Hour: 16:42 37.1 Lat: 37.10N Lon: 10.31E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

TUNISIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1639	278	EP		1646	5.610	.030							1.0
MESJ	BZ	1639	278	IAMB		1646	12.11		32	1.0					

March 8 2018 Hour: 17:39 49.7 Lat: 4.39S Lon: 153.20E Depth: 15F Agency: IGL Distant
Magnitudes: 6.9Ms IGL Rms: 0.1 secs

NEW IRELAND REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15835	337	EPKp \bar{d} f			1759	20.82	-.080							1.0
GGNV	BZ15835	337	EPP			18 2	27.860	.030							1.0
GGNV	BZ15835	337	IAMs_20			19 4	50.01		20815	14.4					
MESJ	BZ15878	335	EPKp \bar{d} f			1759	21.59	-.010							1.0
MESJ	BZ15878	335	EPP			18 2	30.300	.120							1.0
MESJ	BZ15878	335	IAMs_20			19 4	42.77		24291	30.2					
MORF	BZ15948	335	EPKp \bar{d} f			1759	22.62	-.150							1.0
MORF	BZ15948	335	EPP			18 2	34.150	.090							1.0
MORF	BZ15948	335	IAMs_20			1915	21.45		14225	19.9					

March 9 2018 Hour: 6:140.4 Lat: 38.72N Lon: 7.86W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
EARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	103	198	EP		6	1	56.740	.080						1.0
MESJ	HN	103	198	ES		6	2	8.44	-.080						1.0
MESJ	HN	103	198	IAML		6	2	9.80		3	0.1				

March 9 2018 Hour: 11:611.9 Lat: 4.35S Lon: 153.34E Depth: 46F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs
NEW IRELAND REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15880	336	EPK	pdf		1125	39.33	-.060							1.0
MESJ	BZ15880	336	IAMS	_20		1230	58.49			857	21.6				

March 9 2018 Hour: 16:2324.1 Lat: 21.09S Lon: 178.55W Depth: 539F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs
FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17826	25	EPK	pdf		1642	21.110	.030							1.0
MESJ	BZ17951	25	EPK	pdf		1642	22.15	-.170							1.0
MORF	BZ17983	26	EPK	pdf		1642	22.820	.140							1.0

March 9 2018 Hour: 19:546.4 Lat: 37.06N Lon: 9.90W Depth: 14F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	76	EP		19	6	4.20	-.160						1.0
MORF	HN	114	76	ES		19	6	17.580	.100						1.0
MORF	HN	114	76	IAML		19	6	19.91		291	0.2				
MESJ	HZ	172	59	EPg		19	6	13.150	.020						1.0
MESJ	HE	172	59	ESg		19	6	32.690	.040						1.0
MESJ	HN	172	59	IAML		19	6	35.29		64	0.0				

March 9 2018 Hour: 22:2718.9 Lat: 36.83N Lon: 7.34W Depth: 27F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	137	325	EP		2227	38.900	.030							1.0
MESJ	HN	137	325	ES		2227	53.42	-.030							1.0
MESJ	HE	137	325	IAML		2227	55.44			5	0.1				

March 10 2018 Hour: 8:3756.5 Lat: 37.31N Lon: 8.54W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	266	EP		837	58.97	-.220							1.0
MORF	HE	10	266	ES		838	1.210	.050							1.0
MORF	HE	10	266	IAML		838	1.83			55	0.1				
MESJ	HZ	65	26	EP		838	7.150	.110							1.0
MESJ	HN	65	26	ES		838	14.830	.080							1.0
MESJ	HE	65	26	IAML		838	16.07			8	0.1				

March 10 2018 Hour: 17:338.4 Lat: 36.63N Lon: 9.39W Depth: 23F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	100	41	EP		1733	24.270	.080							1.0
MORF	HE	100	41	ES		1733	35.790	.070							1.0
MORF	HE	100	41	IAML		1733	38.03			28	0.2				
MESJ	HZ	170	37	EP		1733	32.87	-.150							1.0
MESJ	HN	170	37	ES		1733	50.97	-.020							1.0
MESJ	HE	170	37	IAML		1733	53.00			4	0.2				

March 10 2018 Hour: 21:45 39.0 Lat: 1.42S Lon: 15.20W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

NORTH OF ASCENSION ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4342	8	EPP		2154	34.990	.020							1.0
MORF	BN	4342	8	ES		2159	6.020	.070							1.0
MORF	BN	4342	8	IAMs_20		22 8	25.38		9656	20.8					
MESJ	BZ	4407	9	EPP		2154	41.15-	.200							1.0
MESJ	BN	4407	9	ES		2159	14.67-	.040							1.0
MESJ	BZ	4407	9	IAMs_20		22 8	53.74		11558	22.2					
GGNV	BZ	4489	7	EPP		2154	49.460	.150							1.0
GGNV	BN	4489	7	IAMs_20		22 8	40.16		9650	20.5					

March 11 2018 Hour: 16:52 5.3 Lat: 37.07N Lon: 9.80W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	105	75	EP		1652	21.91-	.320							1.0
MORF	HN	105	75	ES		1652	34.720	.110							1.0
MORF	HN	105	75	IAML		1652	36.07		26	0.3					
MESJ	HE	164	58	ES		1652	50.120	.210							1.0
MESJ	HE	164	58	IAML		1652	51.67		4	0.1					

March 12 2018 Hour: 13:17 28.8 Lat: 37.33N Lon: 8.62W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	225	EP		1317	30.35-	.290							1.0
MORF	HE	4	225	ES		1317	32.200	.230							1.0
MORF	HN	4	225	IAML		1317	32.82		134	0.2					
MESJ	HZ	67	32	EP		1317	39.700	.010							1.0
MESJ	HE	67	32	ES		1317	47.680	.050							1.0
MESJ	HE	67	32	IAML		1317	48.49		3	0.1					

March 12 2018 Hour: 23:11 56.3 Lat: 39.64N Lon: 8.72W Depth: 18F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

E BATALHA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	109	200	ES		2312	26.260	.190							1.0
GGNV	HE	109	200	IAML		2312	28.60		298	0.2					
MESJ	HZ	205	168	EP		2312	25.40-	.040							1.0
MESJ	HE	205	168	ESg		2312	51.04-	.100							1.0
MESJ	HN	205	168	IAML		2312	53.26		15	0.3					
MORF	HZ	259	179	EP		2312	32.21-	.070							0.9

March 13 2018 Hour: 17:35 5.6 Lat: 10.28S Lon: 75.00W Depth: 40F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8682	48	EP		1747	0.230	.130							1.0
MORF	BZ	8682	48	IAMB		1747	1.64		35	0.9					
MESJ	BZ	8741	48	EP		1747	2.81-	.130							1.0
MESJ	BZ	8741	48	IAMB		1747	3.70		22	1.1					

March 14 2018 Hour: 3: 2 4.2 Lat: 38.04N Lon: 8.48W Depth: 3F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	32	134	EP		3 2	9.33-	.070							1.0
MESJ	HN	32	134	ES		3 2	13.240	.070							1.0
MESJ	HE	32	134	IAML		3 2	14.06		3	0.2					

March 14 2018 Hour: 6:28 46.4 Lat: 36.51N Lon: 9.86W Depth: 22F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	139	50	EP		629	7.02	-.020							1.0
MORF	HE	139	50	ES		629	22.190	.060							1.0
MORF	HE	139	50	IAML		629	24.44		16	0.1					
MESJ	HZ	207	44	EP		629	15.42	-.060							1.0
MESJ	HN	207	44	ES		629	36.750	.010							1.0
MESJ	HN	207	44	IAML		629	37.84		2	0.1					

March 14 2018 Hour: 18:28 46.0 Lat: 36.56N Lon: 9.04W Depth: 16F Agency: IGL Regional
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	90	23	EP		1829	0.390	.110							1.0
MESJ	HZ	160	27	EP		1829	9.59	-.120							1.0

March 15 2018 Hour: 1:14 33.0 Lat: 36.75N Lon: 7.52W Depth: 15F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	302	EP		114	51.58	-.040							1.0
MESJ	HZ	136	333	EP		114	53.970	.090							1.0
MESJ	HN	136	333	ES		115	9.06	-.050							1.0
MESJ	HN	136	333	IAML		115	10.26		3	0.1					

March 15 2018 Hour: 8:27 35.9 Lat: 36.59N Lon: 11.15W Depth: 26F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	236	70	EP		828	8.28	-.060							1.0
MORF	HN	236	70	ES		828	32.090	.060							1.0
MORF	HE	236	70	IAML		828	34.48		7	0.3					

March 15 2018 Hour: 20:19 44.5 Lat: 35.90N Lon: 7.75W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	176	333	EP		2020	8.32	-.050							1.0
MESJ	HZ	219	349	EP		2020	13.72	-.060							1.0
MESJ	HN	219	349	ES		2020	35.240	.110							1.0
MESJ	HN	219	349	IAML		2020	37.77		6	0.2					

March 16 2018 Hour: 3:18 22.2 Lat: 39.51N Lon: 12.35W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	404	116	EP		319	14.530	.150							1.0
MESJ	HN	404	116	ES		319	52.32	-.120							1.0
MESJ	HE	404	116	IAML		319	55.14		0.90	0.1					
MORF	HZ	405	126	EP		319	14.48	-.030							1.0

March 17 2018 Hour: 1:14 56.0 Lat: 39.26N Lon: 11.24W Depth: 31F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	307	120	EP		115	36.430	.250							1.0
MESJ	HE	307	120	ES		116	5.31	-.200							1.0
MESJ	HE	307	120	IAML		116	8.43		2	0.2					
MORF	HZ	314	133	EP		115	36.99	-.050							1.0

March 17 2018 Hour: 5:50 9.0 Lat: 47.67S Lon: 13.50W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.0 secs
SOUTHERN MID-ATLANTIC RIDGE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 9411 4 EP 6 2 42.26-.020 1.0
 MORF BZ 9411 4 IAMB 6 2 45.41 116 1.8

March 17 2018 Hour: 6:30 9.8 Lat: 36.06N Lon: 7.99W Depth: 29F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 150 337 EP 630 31.24-.120 1.0
 MORF HE 150 337 ES 630 47.250.140 1.0
 MORF HE 150 337 IAML 630 48.19 39 0.1
 MESJ HZ 199 354 EP 630 37.340.020 1.0
 MESJ HN 199 354 ES 630 57.38-.050 1.0
 MESJ HN 199 354 IAML 630 58.30 28 0.2

March 17 2018 Hour: 6:44 51.0 Lat: 36.23N Lon: 7.96W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 134 333 EP 645 12.55-.160 1.0
 MORF HN 134 333 ES 645 28.680.160 1.0
 MORF HE 134 333 IAML 645 30.12 23 0.2

March 17 2018 Hour: 16:48 56.5 Lat: 35.69N Lon: 3.70W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 469 302 EP 1649 59.97-.150 1.0
 MESJ HE 469 302 ES 1650 46.700.150 1.0
 MESJ HE 469 302 IAML 1650 50.14 3 0.2

March 18 2018 Hour: 1:56 24.0 Lat: 36.58N Lon: 8.38W Depth: 18F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 84 343 EP 156 37.540.090 1.0
 MORF HN 84 343 ES 156 47.310.030 1.0
 MORF HE 84 343 IAML 156 49.01 173 0.1
 MESJ HZ 141 6 EP 156 45.05-.090 1.0
 MESJ HN 141 6 ES 157 0.54-.050 1.0
 MESJ HN 141 6 IAML 157 1.25 23 0.1

March 18 2018 Hour: 16:12 21.7 Lat: 36.78N Lon: 8.34W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HE 65 335 ES 1612 40.050.090 1.0
 MORF HN 65 335 IAML 1612 41.14 20 0.2
 MESJ HZ 118 5 EP 1612 40.20-.200 1.0
 MESJ HE 118 5 ES 1612 54.140.110 1.0
 MESJ HN 118 5 IAML 1612 55.61 3 0.1

March 19 2018 Hour: 2:36 36.5 Lat: 15.65S Lon: 167.71E Depth:132FAgency: IGL Distant
Magnitudes: 1.2ML IGL Rms: 0.1 secs
VANUATU Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ17541 352 EPKPab 256 49.920.100 1.0
 MORF BZ17606 352 EPKPab 256 52.32-.100 1.0

March 19 2018 Hour: 10:58 45.0 Lat: 36.96N Lon: 10.37W Depth: 32F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	157	75	EP		1059	7.31	-.030							1.0
MORF	HN	157	75	ES		1059	23.62	-.010							1.0
MORF	HE	157	75	IAML		1059	25.25		27	0.1					
MESJ	HZ	214	62	EP		1059	14.350	.010							1.0
MESJ	HN	214	62	ES		1059	35.770	.030							1.0
MESJ	HN	214	62	IAML		1059	36.94		6	0.1					

March 19 2018 Hour: 13:19 14.8 Lat: 37.34N Lon: 4.60W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	325	281	EP		1319	59.530	.030							1.0

March 19 2018 Hour: 13:41 47.2 Lat: 36.36N Lon: 7.56W Depth: 13F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	143	317	ES		1342	25.20	-.000							1.0
MORF	HE	143	317	IAML		1342	28.92		52	0.2					
MESJ	HZ	174	341	EP		1342	13.100	.080							1.0
MESJ	HE	174	341	ES		1342	31.78	-.080							1.0
MESJ	HE	174	341	IAML		1342	39.80		13	0.0					

March 21 2018 Hour: 9:51 20.6 Lat: 37.32N Lon: 8.61W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	245	EP		951	22.84	-.150							1.0
MORF	HE	4	245	ES		951	24.900	.150							1.0
MORF	HN	4	245	IAML		951	25.66		17	0.1					

March 21 2018 Hour: 19:27 49.1 Lat: 37.18N Lon: 8.60W Depth: 19F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	341	EP		1927	52.920	.010							1.0
MORF	HE	15	341	ES		1927	55.71	-.010							1.0
MORF	HE	15	341	IAML		1927	55.95		37	0.2					

March 21 2018 Hour: 20:28 16.1 Lat: 34.68N Lon: 6.92W Depth: 8F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	370	342	EP		2029	6.68	-.010							1.0

March 22 2018 Hour: 1:22 29.5 Lat: 36.75N Lon: 9.63W Depth: 22F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	107	54	ES		122	58.10	-.120							1.0
MORF	HE	107	54	IAML		122	59.64		7	0.1					
MESJ	HZ	174	46	EP		122	54.37	-.060							1.0
MESJ	HE	174	46	ES		123	12.840	.190							1.0
MESJ	HE	174	46	IAML		123	14.56		1	0.2					

March 22 2018 Hour: 1:31 23.2 Lat: 37.38N Lon: 8.51W Depth: 9F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	236	EP		131	26.00	-.050							1.0
MORF	HE	15	236	ES		131	28.160	.000							1.0
MORF	HE	15	236	IAML		131	29.06			16	0.1				
MESJ	HN	57	27	ES		131	39.330	.050							1.0
MESJ	HN	57	27	IAML		131	40.40			2	0.1				

March 22 2018 Hour: 1:39 13.1 Lat: 36.08N Lon: 7.92W Depth: 30F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	151	334	EP		139	34.53	-.180							1.0
MORF	HN	151	334	ES		139	50.43	-.030							1.0
MORF	HE	151	334	IAML		139	51.55			6	0.1				
MESJ	HZ	197	352	EP		139	40.450	.030							1.0
MESJ	HN	197	352	ES		140	0.530	.180							1.0
MESJ	HE	197	352	IAML		140	2.23			0.90	0.1				

March 22 2018 Hour: 14:12 5.2 Lat: 37.85N Lon: 3.25W Depth: 11F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	438	271	EP		1413	3.74	-.090							1.0
MESJ	HN	438	271	ES		1413	46.780	.150							1.0
MESJ	HN	438	271	IAML		1413	49.72			33	0.2				
MORF	HZ	481	264	EP		1413	9.08	-.070							1.0

March 22 2018 Hour: 16: 5 21.8 Lat: 36.75N Lon: 7.17W Depth: 21F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	146	295	ES		16 5	59.110	.050							1.0
MORF	HN	146	295	IAML		16 5	59.90			5	0.1				
MESJ	HZ	153	323	EP		16 5	43.96	-.200							1.0
MESJ	HE	153	323	ES		16 6	0.660	.150							1.0
MESJ	HE	153	323	IAML		16 6	2.57			3	0.1				

March 22 2018 Hour: 21: 8 42.3 Lat: 37.06N Lon: 12.37W Depth: 7F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	331	84	EP		21 9	28.14	-.090							1.0
MORF	HE	331	84	ES		2110	1.70	-.030							1.0
MORF	HN	331	84	IAML		2110	3.66			55	0.3				
MESJ	HZ	377	76	EP		21 9	33.960	.060							1.0
MESJ	HE	377	76	ES		2110	11.610	.060							1.0
MESJ	HE	377	76	IAML		2110	14.71			11	0.1				

March 22 2018 Hour: 23:12 58.0 Lat: 36.79N Lon: 8.35W Depth: 22F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	63	335	ES		2313	16.13	-.030							1.0
MORF	HE	63	335	IAML		2313	17.47			10	0.2				
MESJ	HZ	117	6	EP		2313	15.79	-.140							1.0
MESJ	HE	117	6	ES		2313	29.160	.160							1.0
MESJ	HN	117	6	IAML		2313	31.51			1	0.2				

March 23 2018 Hour: 7:40 28.9 Lat: 12.65N Lon: 44.58W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Ms IGL Rms: 0.1 secs
NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4497	46	EP		748	7.16	-.120							1.0
MORF	BE	4497	46	ES		754	16.630	.090							1.0
MORF	BZ	4497	46	IAMs_20		759	19.78		3944	32.9					
GGNV	BZ	4534	44	EP		748	9.88	-.110							1.0
GGNV	BN	4534	44	ES		754	21.570	.130							1.0
GGNV	BZ	4534	44	IAMs_20		8 0	3.73		4182	29.1					
MESJ	BZ	4558	46	EP		748	11.80	-.000							1.0
MESJ	BE	4558	46	ES		754	24.710	.000							1.0
MESJ	BZ	4558	46	IAMs_20		759	23.01		2910	24.3					

March 24 2018 Hour: 0:29 12.0 Lat: 36.58N Lon: 9.73W Depth: 40F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	50	EP		029	30.35	-.060							1.0
MORF	HN	125	50	ES		029	43.990	.160							1.0
MORF	HE	125	50	IAML		029	45.30		62	0.2					
MESJ	HZ	194	43	EP		029	38.72	-.130							1.0
MESJ	HN	194	43	ES		029	58.470	.030							1.0
MESJ	HN	194	43	IAML		030	0.03		15	0.1					

March 24 2018 Hour: 0:41 12.8 Lat: 37.86N Lon: 3.25W Depth: 11F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	437	271	EP		042	11.34	-.030							1.0
MESJ	HN	437	271	ES		042	54.150	.030							1.0
MESJ	HN	437	271	IAML		042	57.61		23	0.4					

March 24 2018 Hour: 2:18 11.2 Lat: 37.86N Lon: 3.27W Depth: 1 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	436	271	EP		219	10.690	.060							1.0
MESJ	HN	436	271	ES		219	53.94	-.060							1.0
MESJ	HN	436	271	IAML		220	17.36		7	0.4					

March 24 2018 Hour: 11:23 31.3 Lat: 5.48S Lon: 151.48E Depth: 36F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15867	335	EPKp \bar{d} f			1142	59.67	-.150							1.0
GGNV	BE15867	335	IAMs_20			1248	44.16		8728	18.1					
MESJ	BZ15903	333	EPKp \bar{d} f			1143	0.410	.000							1.0
MESJ	BZ15903	333	EPP			1146	10.340	.190							1.0
MESJ	BZ15903	333	IAMs_20			1248	52.50		6850	22.6					
MORF	BZ15973	333	EPKp \bar{d} f			1143	1.53	-.040							1.0
MORF	BZ15973	333	IAMs_20			1242	58.14		6615	23.2					

March 24 2018 Hour: 13:15 58.8 Lat: 36.07N Lon: 10.32W Depth: 14F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	271	43	EP		13 2	36.36	-.160							1.0
MESJ	HE	271	43	ES		13 3	4.230	.160							1.0
MESJ	HN	271	43	IAML		13 3	4.81		0.90	0.1					

March 24 2018 Hour: 13:26 58.8 Lat: 37.85N Lon: 3.25W Depth: 12F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	438	271	EP		1327	57.380	.030							1.0
MESJ	HN	438	271	ES		1328	40.05	-.030							1.0
MESJ	HN	438	271	IAML		1328	43.00			8	0.2				

March 24 2018 Hour: 18:23 47.3 Lat: 36.88N Lon: 10.41W Depth: 32F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	163	73	EP		1824	10.32	-.040							1.0
MORF	HN	163	73	ES		1824	27.13	-.060							1.0
MORF	HE	163	73	IAML		1824	28.96			39	0.1				
MESJ	HZ	221	61	EP		1824	17.560	.010							1.0
MESJ	HE	221	61	ES		1824	39.720	.090							1.0
MESJ	HN	221	61	IAML		1824	41.04			6	0.2				

March 24 2018 Hour: 23:43 59.7 Lat: 37.33N Lon: 8.52W Depth: 11F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	256	EP		2344	2.22	-.130							1.0
MORF	HN	12	256	ES		2344	4.440	.120							1.0
MORF	HN	12	256	IAML		2344	4.95			508	0.2				
MESJ	HZ	62	25	EP		2344	9.870	.020							1.0

March 25 2018 Hour: 8:58 11.4 Lat: 7.31S Lon: 128.50E Depth: 149F Agency: IGL Distant
Rms: 0.0 secs
KEPULAUAN BARAT DAYA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14523	314	EP	KPdf		917	3.950	.040							1.0
MORF	BZ14584	314	EP	KPdf		917	4.95	-.040							1.0

March 25 2018 Hour: 9:11 49.1 Lat: 35.80N Lon: 10.09W Depth: 23F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	37	EP		912	18.860	.010							1.0
MESJ	HZ	281	36	EP		912	27.43	-.130							1.0
MESJ	HE	281	36	ES		912	55.750	.110							1.0
MESJ	HE	281	36	IAML		912	57.97			1	0.1				

March 25 2018 Hour: 9:18 37.3 Lat: 36.82N Lon: 8.40W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	58	337	EP		918	46.810	.080							1.0
MESJ	HZ	114	8	EP		918	55.54	-.220							1.0
MESJ	HN	114	8	ES		919	9.360	.140							1.0
MESJ	HN	114	8	IAML		919	11.13			5	0.1				

March 25 2018 Hour: 10:25 22.0 Lat: 36.77N Lon: 11.07W Depth: 20F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	223	74	EP		1025	53.360	.040							1.0
MORF	HN	223	74	ES		1026	16.240	.090							1.0
MORF	HE	223	74	IAML		1026	16.74			11	0.2				
MESJ	HZ	279	64	EP		1026	0.11	-.140							1.0
MESJ	HE	279	64	ES		1026	28.150	.000							1.0
MESJ	HE	279	64	IAML		1026	29.44			2	0.1				

March 25 2018 Hour: 14:28 34.0 Lat: 26.77S Lon: 63.33W Depth:555F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs
SANTIAGO DEL ESTERO, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9173	41	EP		1439	58.640	.040							1.0
MESJ	BZ	9173	41	IAMB		1440	0.07		27	0.7					

March 25 2018 Hour: 14:45 12.4 Lat: 36.80N Lon: 13.61W Depth: 79F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	444	81	ES		1446	51.020	.020							1.0
MORF	HE	444	81	IAML		1446	52.84		7	0.1					
MESJ	HZ	491	75	EP		1446	15.040	.160							1.0
MESJ	HN	491	75	ES		1447	0.33	-.180							1.0

March 25 2018 Hour: 16:55 50.2 Lat: 35.90N Lon: 10.59W Depth: 31F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	233	47	EP		1656	21.17	-.010							1.0
MORF	HN	233	47	ES		1656	43.970	.160							1.0
MORF	HE	233	47	IAML		1656	47.85		34	0.2					
MESJ	HZ	302	44	EP		1656	29.56	-.100							1.0
MESJ	HN	302	44	ES		1656	58.41	-.070							1.0
MESJ	HN	302	44	IAML		1657	2.63		6	0.1					

March 25 2018 Hour: 20:14 47.9 Lat: 6.65S Lon: 129.87E Depth:172F Agency: IGL Distant
Rms: 0.1 secs
BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14578	316	EP	KP		2033	38.550	.010							1.0
MESJ	BZ14578	316	EPP			2035	57.36	-.070							1.0
MESJ	BZ14578	316	ESKP			2036	46.17	-.070							1.0
GGNV	BZ14602	317	EPP			2035	58.61	-.150							1.0
GGNV	BZ14602	317	ESKP			2036	47.070	.130							1.0
MORF	BZ14640	315	EP	KP		2033	39.53	-.110							1.0
MORF	BZ14640	315	EPP			2036	1.180	.110							1.0
MORF	BZ14640	315	ESKP			2036	48.480	.160							1.0

March 26 2018 Hour: 7:19 5.9 Lat: 36.57N Lon: 9.80W Depth: 30F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	51	EP		719	24.92	-.040							1.0
MORF	HE	131	51	ES		719	38.950	.060							1.0
MORF	HE	131	51	IAML		719	41.60		93	0.2					
MESJ	HZ	199	44	EP		719	33.28	-.100							1.0
MESJ	HN	199	44	ES		719	53.540	.080							1.0
MESJ	HE	199	44	IAML		719	55.97		19	0.1					

March 26 2018 Hour: 9:50 56.3 Lat: 5.46S Lon: 151.40E Depth: 40F Agency: IGL Distant
Magnitudes: 6.8Ms IGL Rms: 0.1 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15861	335	EP	KP		1010	23.97	-.170							1.0
GGNV	BZ15861	335	EPP			1013	32.34	-.000							1.0
GGNV	BZ15861	335	IAMs	20		1116	5.23		27327	29.5					
MESJ	BZ15897	333	EP	KP		1010	24.890	.160							1.0
MESJ	BZ15897	333	EPP			1013	34.460	.170							1.0
MESJ	BZ15897	333	IAMs	20		1113	40.98		14833	21.6					
MORF	BZ15967	333	EP	KP		1010	25.81	-.080							1.0
MORF	BZ15967	333	EPP			1013	38.10	-.070							1.0

March 26 2018 Hour: 10:49 50.4 Lat: 38.75N Lon: 7.87W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NE ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	106	197	EP		1050	7.10	-.010							1.0
MESJ	HN	106	197	ES		1050	19.290	.010							1.0
MESJ	HN	106	197	IAML		1050	19.76			2	0.1				

March 26 2018 Hour: 15:19 0.2 Lat: 36.84N Lon: 8.04W Depth: 25F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	75	314	EP		1519	12.09	-.300							1.0
MORF	HE	75	314	ES		1519	21.540	.260							1.0
MORF	HE	75	314	IAML		1519	22.87			14	0.2				
MESJ	HN	112	352	ES		1519	29.790	.050							1.0
MESJ	HN	112	352	IAML		1519	31.59			5	0.2				

March 26 2018 Hour: 19:49 25.3 Lat: 36.92N Lon: 10.67W Depth: 32F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	184	76	EP		1949	50.980	.040							1.0
MORF	HE	184	76	ES		1950	9.68	-.000							1.0
MORF	HN	184	76	IAML		1950	11.95			50	0.3				
MESJ	HZ	240	64	EP		1949	57.810	.010							1.0
MESJ	HN	240	64	ES		1950	21.50	-.050							1.0
MESJ	HE	240	64	IAML		1950	23.52			10	0.1				

March 26 2018 Hour: 21:13 30.3 Lat: 37.70N Lon: 8.33W Depth: 13F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	18	32	EP		21	1	33.85	-.090						1.0
MESJ	HN	18	32	ES		21	1	36.56	-.020						1.0
MESJ	HE	18	32	IAML		21	1	36.77			119	0.1			
MORF	HZ	52	213	EP		21	1	39.070	.120						1.0

March 27 2018 Hour: 0:44 5.0 Lat: 37.76N Lon: 8.81W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	165	EP		044	13.43	-.210							1.0
MORF	HN	52	165	ES		044	20.100	.130							1.0
MORF	HN	52	165	IAML		044	20.38			8	0.2				
MESJ	HZ	53	80	EP		044	13.67	-.000							1.0
MESJ	HE	53	80	ES		044	20.100	.080							1.0
MESJ	HN	53	80	IAML		044	20.61			3	0.1				

March 27 2018 Hour: 3:03 31.0 Lat: 36.11N Lon: 9.84W Depth: 8F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	170	38	EP		3	0	56.790	.000						1.0
MORF	HE	170	38	ES		3	1	15.57	-.030						1.0
MORF	HE	170	38	IAML		3	1	16.89			335	0.2			
MESJ	HZ	240	36	EP		3	1	5.46	-.030						1.0
MESJ	HE	240	36	ES		3	1	30.670	.020						1.0
MESJ	HN	240	36	IAML		3	1	32.52			39	0.3			
GGNV	HE	296	12	ES		3	1	42.620	.050						0.9
GGNV	HN	296	12	IAML		3	1	44.22			41	0.3			

March 27 2018 Hour: 12:44 20.2 Lat: 36.97N Lon: 5.31W Depth: 12F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	276	291	EP		1244	58.69	-.020							1.0

March 27 2018 Hour: 18:58 54.2 Lat: 37.31N Lon: 8.58W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.2 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	264	EP		1858	56.18	-.320							1.0
MORF	HN	6	264	ES		1858	58.300	.130							1.0
MORF	HE	6	264	IAML		1858	58.91			32	0.1				
MESJ	HZ	67	28	EP		1859	5.130	.100							1.0
MESJ	HN	67	28	ES		1859	13.010	.100							1.0
MESJ	HN	67	28	IAML		1859	13.61			4	0.1				

March 27 2018 Hour: 21:0 28.0 Lat: 37.85N Lon: 3.23W Depth: 9F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	439	271	EP		21	1	27.110	.090						1.0
MESJ	HN	439	271	ES		21	2	10.01	-.090						1.0
MESJ	HN	439	271	IAML		21	2	13.34			6	0.3			

March 27 2018 Hour: 22:26 21.2 Lat: 36.96N Lon: 4.38W Depth: 61F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	354	287	EP		2227	7.550	.010							1.0
MESJ	HN	354	287	ES		2227	41.34	-.010							1.0
MESJ	HN	354	287	IAML		2227	42.88				3	0.2			

March 28 2018 Hour: 2:38 51.4 Lat: 37.08N Lon: 7.95W Depth: 17F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

N FARO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	67	292	EP		239	2.24	-.120							1.0
MORF	HN	67	292	ES		239	10.450	.110							1.0
MORF	HN	67	292	IAML		239	11.73				6	0.2			
MESJ	HZ	88	344	EP		239	5.39	-.030							1.0
MESJ	HE	88	344	ES		239	15.680	.050							1.0
MESJ	HN	88	344	IAML		239	16.91				4	0.1			

March 28 2018 Hour: 3:28 26.6 Lat: 36.94N Lon: 5.61W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	252	294	EP		329	2.24	-.010							1.0

March 28 2018 Hour: 16:2 44.7 Lat: 36.96N Lon: 5.55W Depth: 4F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	256	293	EP		16	3	21.550	.060						1.0

March 29 2018 Hour: 1:45 25.0 Lat: 38.08N Lon: 1.17W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	620	270	EP		146	45.66	-.010							1.0
MORF	HZ	665	265	EP		146	51.220	.020							1.0

March 29 2018 Hour: 2:55 32.7 Lat: 37.99N Lon: 9.33W Depth: 7F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	97	142	EP		255	48.21	-.160							1.0
MORF	HE	97	142	ES		255	59.980	.200							1.0
MORF	HE	97	142	IAML		256	2.02		21	0.1					
MESJ	HZ	99	99	EP		255	48.54	-.150							1.0
MESJ	HN	99	99	ES		256	0.460	.120							1.0
MESJ	HE	99	99	IAML		256	2.39		7	0.3					

March 29 2018 Hour: 8:46 0.8 Lat: 36.75N Lon: 8.42W Depth: 9F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	65	341	EP		846	11.34	-.010							1.0
MESJ	HZ	122	8	EP		846	20.09	-.040							1.0
MESJ	HN	122	8	ES		846	34.320	.060							1.0
MESJ	HN	122	8	IAML		846	36.53		74	0.3					

March 29 2018 Hour: 11:41 11.7 Lat: 36.25N Lon: 9.47W Depth: 4F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	138	32	EP		1141	33.790	.030							1.0
MORF	HN	138	32	ES		1141	49.74	-.100							1.0
MORF	HE	138	32	IAML		1141	51.87		13	0.3					
MESJ	HZ	209	32	EP		1141	42.730	.050							1.0
MESJ	HN	209	32	ES		1142	5.300	.020							1.0
MESJ	HN	209	32	IAML		1142	12.35		3	0.1					

March 29 2018 Hour: 13:29 15.1 Lat: 38.79N Lon: 7.98W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

NARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	108	191	EP		1329	32.42	-.000							1.0
MESJ	HN	108	191	ES		1329	45.090	.000							1.0
MESJ	HN	108	191	IAML		1329	45.65		5	0.2					

March 29 2018 Hour: 17:16 11.2 Lat: 33.66N Lon: 6.03W Depth: 10F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	469	330	EP		1717	13.43	-.340							1.0
MORF	HN	469	330	ES		1717	59.37	-.050							1.0
MORF	HE	469	330	IAML		1718	1.67		22	0.2					
MESJ	HZ	504	338	EP		1717	18.390	.390							1.0
MESJ	HN	504	338	ES		1718	6.740	.010							1.0
MESJ	HE	504	338	IAML		1718	10.61		3	0.2					

March 29 2018 Hour: 21:25 33.3 Lat: 5.47S Lon: 151.44E Depth: 35F Agency: IGL Distant
Magnitudes: 7.1Ms IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15864	335	EP			2145	1.72	-.120							1.0
GGNV	BE15864	335	IAMs_20			2250	32.16		46278	19.2					
MESJ	BZ15900	333	EP			2145	2.31	-.120							1.0
MESJ	BZ15900	333	EPP			2148	12.210	.160							1.0
MESJ	BZ15900	333	IAMs_20			2250	39.61		35312	21.9					
MORF	BZ15970	333	EP			2145	3.670	.080							1.0
MORF	BZ15970	333	IAMs_20			2248	24.39		40831	27.2					

March 29 2018 Hour: 22:54 12.7 Lat: 38.74N Lon: 69.95E Depth: 4F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs
TAJKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6614	296	EP		23	4	17.000							1.0
MESJ	BZ	6614	296	IAMB		23	4	20.09		67	1.0				

March 30 2018 Hour: 2:26 11.6 Lat: 36.75N Lon: 8.40W Depth: 1 Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	66	340	EP		226	22.290	.110							1.0
MESJ	HZ	122	7	EP		226	31.07	-.220							1.0
MESJ	HE	122	7	ES		226	45.760	.110							1.0
MESJ	HN	122	7	IAML		226	47.50			14	0.2				

March 30 2018 Hour: 2:54 31.1 Lat: 35.88N Lon: 7.57W Depth: 21F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	185	329	EP		254	57.52	-.100							1.0
MORF	HN	185	329	ES		255	16.92	-.050							1.0
MORF	HN	185	329	IAML		255	18.11			2	0.1				
MESJ	HZ	225	345	EP		255	2.680	.170							1.0
MESJ	HN	225	345	ES		255	25.43	-.010							1.0
MESJ	HN	225	345	IAML		255	26.75			2	0.0				

March 30 2018 Hour: 6:18 12.1 Lat: 35.80N Lon: 7.21W Depth: 7F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	323	EP		618	42.98	-.160							1.0
MORF	HN	211	323	ES		619	5.850	.080							1.0
MORF	HN	211	323	IAML		619	8.23			7	0.3				
MESJ	HZ	244	339	EP		618	47.210	.060							1.0
MESJ	HE	244	339	ES		619	12.730	.020							1.0
MESJ	HN	244	339	IAML		619	15.89			2	0.2				

March 30 2018 Hour: 12:12 27.4 Lat: 36.70N Lon: 7.20W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	146	298	EP		1212	49.36	-.220							1.0
MESJ	HZ	155	325	EP		1212	50.980	.210							1.0
MESJ	HN	155	325	ES		1213	7.850	.020							1.0
MESJ	HN	155	325	IAML		1213	8.91			3	0.3				

March 30 2018 Hour: 18:46 55.5 Lat: 30.70N Lon: 8.22W Depth: 46F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	734	357	EP		1848	27.27	-.250							1.0
MORF	HE	734	357	ES		1849	34.900	.190							1.0
MORF	HE	734	357	IAML		1849	37.14			13	0.2				
MESJ	HZ	792	360	EP		1848	34.540	.200							1.0
MESJ	HN	792	360	ES		1849	46.39	-.130							1.0
MESJ	HN	792	360	IAML		1849	49.05			4	0.2				

March 31 2018 Hour: 5:42 47.6 Lat: 36.80N Lon: 9.75W Depth: 15F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	60	EP		543	5.460	.090							1.0
MORF	HN	113	60	ES		543	18.30	-.030							1.0
MORF	HN	113	60	IAML		543	18.80			6	0.2				
MESJ	HZ	178	49	EP		543	13.62	-.080							1.0
MESJ	HE	178	49	ES		543	32.760	.010							1.0
MESJ	HE	178	49	IAML		543	33.06			0.70	0.1				

March 31 2018 Hour: 11:24 37.2 Lat: 37.06N Lon: 8.85W Depth: 25F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

SE VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	32	33	EP		1124	43.570	.020							1.0
MORF	HN	32	33	ES		1124	48.20	-.020							1.0
MORF	HE	32	33	IAML		1124	49.12			69	0.1				

March 31 2018 Hour: 20:21 56.1 Lat: 36.66N Lon: 7.32W Depth: 26F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	139	301	EP		2022	16.14	-.270							1.0
MORF	HN	139	301	ES		2022	31.300	.060							1.0
MORF	HE	139	301	IAML		2022	32.29			87	0.3				
MESJ	HZ	153	329	EP		2022	18.430	.220							1.0
MESJ	HE	153	329	ES		2022	34.35	-.010							1.0
MESJ	HN	153	329	IAML		2022	35.97			66	0.3				

April 1 2018 Hour: 4:13 35.7 Lat: 36.55N Lon: 11.06W Depth: 9F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	290	60	EP		414	16.320	.110							1.0
MESJ	HN	290	60	ES		414	45.71	-.110							1.0
MESJ	HN	290	60	IAML		414	47.05			0.70	0.2				

April 1 2018 Hour: 18:1 38.4 Lat: 37.31N Lon: 8.63W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	2	253	ES		18	1	42.40	-.030						1.0
MORF	HN	2	253	IAML		18	1	43.00		24	0.1				
MESJ	HZ	69	32	EP		18	1	49.560	.050						1.0
MESJ	HN	69	32	ES		18	1	57.63	-.020						1.0
MESJ	HN	69	32	IAML		18	1	58.38		1	0.1				

April 2 2018 Hour: 1:5 29.3 Lat: 36.52N Lon: 12.84W Depth: 31F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	383	76	EP		1	6	18.900	.030						1.0
MORF	HE	383	76	ES		1	6	54.92	-.160						1.0
MORF	HN	383	76	IAML		1	6	58.26		232	0.4				
GGNV	HZ	407	52	EP		1	6	21.860	.160						1.0
GGNV	HE	407	52	ES		1	6	59.89	-.090						1.0
GGNV	HN	407	52	IAML		1	7	0.86		649	0.3				
MESJ	HZ	436	69	EP		1	6	25.270	.070						1.0
MESJ	HN	436	69	ES		1	7	6.01	-.010						1.0
MESJ	HN	436	69	IAML		1	7	8.49		95	0.2				

April 2 2018 Hour: 5:57 33.0 Lat: 24.90S Lon: 171.61W Depth: 84F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	17773	43	EP	Pdf	617	21.48	0.120							1.0
MESJ	BZ	17897	44	EP	Pdf	617	22.58	-0.060							1.0
MORF	BZ	17902	46	EP	Pdf	617	22.68	-0.060							1.0

April 2 2018 Hour: 8:4 9.8 Lat: 37.30N Lon: 8.56W Depth: 13F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.2 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	273	EP		8	4	12.05	-0.300						1.0
MORF	HN	8	273	ES		8	4	14.39	0.180						1.0
MORF	HN	8	273	IAML		8	4	14.98		11	0.1				
MESJ	HZ	67	27	EP		8	4	20.61	-0.020						1.0
MESJ	HN	67	27	ES		8	4	28.69	0.150						1.0
MESJ	HN	67	27	IAML		8	4	29.26		2	0.1				

April 2 2018 Hour: 13:40 34.2 Lat: 20.65S Lon: 63.05W Depth: 550F Agency: IGL Distant
Magnitudes: 6.2Mb IGL Rms: 0.1 secs

CHUQUISACA, BOLIVIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8579	42	EP		1351	31.34	-0.090							1.0
MORF	BZ	8579	42	IAMB		1351	38.14			1150	1.1				
MORF	BN	8579	42	ES		14	0	36.30	-0.040						1.0
GGNV	BZ	8644	40	EP		1351	34.45	-0.020							1.0
GGNV	BZ	8644	40	IAMB		1351	40.73			704	0.5				
GGNV	BN	8644	40	ES		14	0	42.33	0.060						1.0
MESJ	BZ	8646	41	EP		1351	34.68	0.060							1.0
MESJ	BZ	8646	41	IAMB		1351	40.80			583	0.9				
MESJ	BN	8646	41	ES		14	0	42.59	0.030						1.0

April 2 2018 Hour: 17:14 43.4 Lat: 37.19N Lon: 7.31W Depth: 18F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	108	312	EP		1715	0.42	-0.080							1.0
MESJ	HN	108	312	ES		1715	12.98	0.020							1.0
MESJ	HN	108	312	IAML		1715	13.91			5	0.2				
MORF	HZ	120	276	EP		1715	2.06	0.010							1.0
MORF	HN	120	276	ESg		1715	16.14	0.050							1.0
MORF	HE	120	276	IAML		1715	17.43			9	0.3				

April 2 2018 Hour: 23:23 18.5 Lat: 13.03N Lon: 88.82W Depth: 50F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.0 secs

OFFSHORE EL SALVADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8288	55	EpP		2335	5.81	-0.060							1.0
MORF	BZ	8288	55	IAMs_20		2358	39.95			14947	47.6				
MESJ	BZ	8321	54	EpP		2335	7.56	0.000							1.0
MESJ	BZ	8321	54	IAMs_20		2359	3.46			6893	32.2				

April 3 2018 Hour: 15:30 41.1 Lat: 36.78N Lon: 8.40W Depth: 5F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	62	339	EP		1530	51.21	0.030							1.0
MORF	HN	62	339	ES		1530	58.53	-0.030							1.0
MORF	HN	62	339	IAML		1531	0.32			16	0.1				

April 3 2018 Hour: 21:21 25.7 Lat: 36.52N Lon: 9.14W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	97	26	EP		2121	41.16	-.080							1.0
MORF	HN	97	26	ES		2121	52.700	.150							1.0
MORF	HE	97	26	IAML		2121	54.03			29	0.2				
MESJ	HZ	168	29	EP		2121	50.13	-.070							1.0

April 4 2018 Hour: 0:40 46.3 Lat: 38.82N Lon: 7.96W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	111	192	EP		041	3.920	.090							1.0
MESJ	HE	111	192	ES		041	16.54	-.090							1.0
MESJ	HN	111	192	IAML		041	17.41			3	0.1				

April 4 2018 Hour: 5:12 57.6 Lat: 35.27N Lon: 1.29W Depth: 7F Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs
NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	683	297	EP		514	26.370	.030							1.0

April 4 2018 Hour: 8:32 57.2 Lat: 37.34N Lon: 8.80W Depth: 1 Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	107	EP		832	59.36	-.030							1.0
MORF	HE	14	107	ES		833	1.040	.030							1.0
MORF	HN	14	107	IAML		833	1.81			28	0.1				

April 4 2018 Hour: 9:57 28.8 Lat: 37.29N Lon: 8.55W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	280	EP		957	31.18	-.220							1.0
MORF	HN	9	280	ES		957	33.440	.120							1.0
MORF	HN	9	280	IAML		957	33.91			43	0.1				
MESJ	HZ	68	25	EP		957	39.800	.110							1.0

April 5 2018 Hour: 3:53 40.9 Lat: 6.81N Lon: 126.78E Depth: 64F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs
MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13241	320	EPK	pdf		412	21.80	-.160							1.0
MESJ	BZ13241	320	EPP			413	41.990	.160							1.0
MESJ	BZ13241	320	IAMs_20			5 7	22.19			2465	19.5				

April 5 2018 Hour: 7:43 20.3 Lat: 36.72N Lon: 7.03W Depth: 20F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	158	295	EP		743	43.26	-.240							1.0
MORF	HE	158	295	ES		744	0.35	-.120							1.0
MORF	HN	158	295	IAML		744	1.39			7	0.1				
MESJ	HZ	163	320	EP		743	44.330	.270							1.0
MESJ	HE	163	320	ES		744	1.510	.090							1.0
MESJ	HN	163	320	IAML		744	3.06			10	0.1				

April 5 2018 Hour: 9:7 59.6 Lat: 18.33S Lon: 177.89W Depth:507F Agency: IGL Distant
Rms: 0.0 secs
FIJI REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ17645 23 EPKpdf 926 58.110.030 1.0
 MORF BZ17679 24 EPKpdf 926 58.47-.030 1.0

April 5 2018 Hour: 11:12 10.0 Lat: 20.38S Lon: 70.61W Depth: 35F Agency: IGL Distant
Magnitudes: 5.1Mb IGL
OFFSHORE TARAPACA, CHILE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 9101 45 EP 1124 25.510.000 1.0
 MORF BZ 9101 45 IAmb 1124 26.14 15 0.8

April 5 2018 Hour: 18:59 43.7 Lat: 36.37N Lon: 9.64W Depth: 9F Agency: IGL Regional
Magnitudes: 1.6ML IGL
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 136 40 EP 19 0 5.10-.040 1.0
 MORF HE 136 40 ES 19 0 20.860.040 1.0
 MORF HE 136 40 IAML 19 0 21.47 10 0.1

April 5 2018 Hour: 21:49 26.6 Lat: 34.45N Lon: 4.44W Depth: 6F Agency: IGL Regional
Rms: 0.0 secs
MOROCCO Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 507 319 EP 2150 34.220.030 1.0

April 5 2018 Hour: 21:53 6.9 Lat: 36.66N Lon: 9.84W Depth: 17F Agency: IGL Regional
Magnitudes: 1.3ML IGL
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 128 56 EP 2153 26.49-.100 1.0
 MORF HN 128 56 ES 2153 41.050.100 1.0
 MORF HE 128 56 IAML 2153 41.85 5 0.2

April 6 2018 Hour: 0:40 18.0 Lat: 15.21S Lon: 75.52W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL
NEAR COAST OF CENTRAL PERU Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 9148 47 EP 052 39.47-.020 1.0
 MESJ BZ 9148 47 IAmb 052 41.26 116 2.1

April 6 2018 Hour: 7:47 12.9 Lat: 36.80N Lon: 8.41W Depth: 14F Agency: IGL Regional
Magnitudes: 1.3ML IGL
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 60 339 EP 747 22.61-.060 1.0
 MORF HN 60 339 ES 747 29.890.060 1.0
 MORF HE 60 339 IAML 747 31.84 14 0.1

April 6 2018 Hour: 9:55 41.5 Lat: 36.42N Lon: 7.29W Depth: 32F Agency: IGL Regional
Magnitudes: 1.5ML IGL
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HN 156 309 ES 956 19.87-.050 1.0
 MORF HN 156 309 IAML 956 20.40 6 0.1
 MESJ HZ 178 333 EP 956 6.30-.090 1.0
 MESJ HN 178 333 ES 956 24.680.150 1.0
 MESJ HN 178 333 IAML 956 26.44 6 0.1

April 6 2018 Hour: 10:55 46.1 Lat: 37.07N Lon: 9.48W Depth: 28F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	78	70	EP		1055	58.770	.020							1.0
MORF	HE	78	70	ES		1056	7.990	.020							1.0
MORF	HE	78	70	IAML		1056	8.97			1208	0.2				
MESJ	HZ	140	52	EP		1056	6.32	-.180							1.0
MESJ	HE	140	52	ES		1056	21.470	.090							1.0
MESJ	HN	140	52	IAML		1056	22.37			269	0.1				
GGNV	HN	185	9	ES		1056	30.990	.050							1.0
GGNV	HN	185	9	IAML		1056	31.63			1013	0.2				

April 6 2018 Hour: 22:17 27.3 Lat: 36.59N Lon: 7.59W Depth: 14F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	310	EP		2217	46.700	.010							1.0
MORF	HN	123	310	ES		2218	0.85	-.000							1.0
MORF	HE	123	310	IAML		2218	1.95			14	0.1				
MESJ	HN	150	338	ES		2218	6.42	-.010							1.0
MESJ	HN	150	338	IAML		2218	8.52			7	0.2				

April 6 2018 Hour: 22:28 2.5 Lat: 37.88N Lon: 3.24W Depth: 12F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	438	271	EP		2229	1.09	-.020							1.0
MORF	HZ	482	264	EP		2229	6.490	.020							1.0

April 7 2018 Hour: 0:57 2.4 Lat: 37.09N Lon: 5.47W Depth: 12F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	258	290	EP		057	38.700	.030							1.0
MORF	HZ	284	276	EP		057	41.84	-.140							1.0
MORF	HE	284	276	ES		058	10.950	.100							1.0
MORF	HN	284	276	IAML		058	13.30			11	0.3				

April 7 2018 Hour: 1:42 39.8 Lat: 37.88N Lon: 3.23W Depth: 8F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	439	271	EP		143	38.940	.040							1.0
MESJ	HE	439	271	ES		144	21.94	-.120							1.0
MESJ	HE	439	271	IAML		144	25.06			16	0.4				
MORF	HZ	483	264	EP		143	44.350	.090							1.0

April 7 2018 Hour: 3:46 18.5 Lat: 33.71N Lon: 3.82W Depth: 13F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	593	314	EP		347	35.800	.010							1.0
MESJ	HZ	607	320	EP		347	37.44	-.030							1.0
MESJ	HN	607	320	ES		348	35.110	.020							1.0
MESJ	HN	607	320	IAML		348	37.82			4	0.2				

April 7 2018 Hour: 17: 4 18.8 Lat: 36.89N Lon: 11.27W Depth: 38F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	237	78	ES		17	5	14.710							1.0
MORF	HN	237	78	IAML		17	5	15.87		7	0.2				
MESJ	HZ	290	68	EP		17	4	57.36							1.0
MESJ	HE	290	68	ES		17	5	25.880							1.0
MESJ	HE	290	68	IAML		17	5	28.06		3	0.2				

April 8 2018 Hour: 12: 7 56.8 Lat: 36.70N Lon: 9.66W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	53	EP		12	8	14.37							1.0
MORF	HE	112	53	ES		12	8	27.440							1.0
MORF	HN	112	53	IAML		12	8	28.29		6	0.1				
MESJ	HE	180	45	ES		12	8	42.24							1.0
MESJ	HN	180	45	IAML		12	8	43.08		2	0.1				

April 9 2018 Hour: 3:37 36.4 Lat: 8.59N Lon: 84.12W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs

OFF COAST OF COSTA RICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8159	54	EP		349		8.400							1.0
MORF	BZ	8159	54	IAMB		349		9.24		44	0.9				
MESJ	BZ	8199	53	IAMB		349		10.40		35	1.2				
MESJ	BZ	8199	53	EP		349		10.44							1.0

April 9 2018 Hour: 8:54 56.1 Lat: 30.79N Lon: 7.65W Depth: 10F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	729	353	EP		856		29.94							1.0
MORF	HN	729	353	ES		857		38.590							1.0
MORF	HE	729	353	IAML		857		42.59		32	0.2				
MESJ	HZ	784	356	EP		856		36.46							1.0
MESJ	HN	784	356	ES		857		49.810							1.0
MESJ	HN	784	356	IAML		857		52.90		5	0.2				

April 9 2018 Hour: 22:33 36.5 Lat: 36.21N Lon: 8.13W Depth: 46F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	339	EP		2233		55.51							1.0
MESJ	HZ	181	357	EP		2234		1.820							1.0
MESJ	HE	181	357	ES		2234		20.330							1.0
MESJ	HE	181	357	IAML		2234		21.63		3	0.1				

April 10 2018 Hour: 3: 8 57.0 Lat: 37.34N Lon: 8.46W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	18	257	EP		3	9	0.11							1.0
MORF	HE	18	257	ES		3	9	2.770							1.0
MORF	HN	18	257	IAML		3	9	3.26		55	0.1				
MESJ	HZ	59	21	EP		3	9	6.750							1.0

April 10 2018 Hour: 4:34 36.2 Lat: 36.62N Lon: 7.31W Depth: 30F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	142	303	EP		434	56.52	-.130							1.0
MORF	HN	142	303	ES		435	11.55	-.020							1.0
MORF	HN	142	303	IAML		435	12.93			231	0.2				
MESJ	HZ	158	329	EP		434	58.800	.200							1.0
MESJ	HN	158	329	ES		435	14.91	-.040							1.0
MESJ	HN	158	329	IAML		435	16.36			156	0.3				

April 10 2018 Hour: 5:23 42.2 Lat: 34.64N Lon: 9.40W Depth: 28F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	303	13	EP		524	22.79	-.000							1.0
MORF	HE	303	13	ES		524	52.470	.000							1.0
MORF	HE	303	13	IAML		524	54.51			5	0.2				

April 10 2018 Hour: 6:30 29.7 Lat: 36.63N Lon: 7.32W Depth: 32F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	140	303	EP		630	49.890	.000							1.0
MORF	HN	140	303	ES		631	4.64	-.000							1.0
MORF	HN	140	303	IAML		631	5.46			25	0.2				
MESJ	HZ	156	330	EP		630	52.000	.170							1.0
MESJ	HN	156	330	ES		631	7.83	-.170							1.0
MESJ	HN	156	330	IAML		631	9.17			4	0.1				

April 10 2018 Hour: 6:36 24.6 Lat: 36.64N Lon: 7.32W Depth: 30F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	140	302	EP		636	44.61	-.200							1.0
MORF	HE	140	302	ES		636	59.560	.000							1.0
MORF	HN	140	302	IAML		637	1.33			54	0.1				
MESJ	HZ	155	329	EP		636	46.880	.170							1.0
MESJ	HE	155	329	ES		637	2.870	.030							1.0
MESJ	HE	155	329	IAML		637	4.46			33	0.2				

April 10 2018 Hour: 10:19 34.1 Lat: 30.99S Lon: 71.56W Depth: 76F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.0 secs

COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9993	45	EpP		1032	45.16	-.010							1.0
MORF	BN	9993	45	ESKSac		1042	47.710	.050							1.0
MORF	BZ	9993	45	IAMs_20		1110	8.75			6384	21.5				
MESJ	BZ10060	45	EpP			1032	48.030	.080							1.0
MESJ	BE10060	45	ESKSac			1042	51.150	.040							1.0
MESJ	BZ10060	45	IAMs_20			11 8	30.67			6706	22.0				
GGNV	BZ10061	44	EpP			1032	48.000	.060							1.0
GGNV	BN10061	44	ESKSac			1042	51.05	-.040							1.0
GGNV	BZ10061	44	IAMs_20			11 8	27.44			9039	23.6				

April 10 2018 Hour: 23:37 57.2 Lat: 37.36N Lon: 8.42W Depth: 0 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	22	253	EP		2338	0.41	-.230							1.0
MORF	HN	22	253	ES		2338	3.220	.040							1.0
MORF	HE	22	253	IAML		2338	3.49			158	0.2				
MESJ	HZ	56	18	EP		2338	6.400	.190							1.0

MESJ HN 56 18 ES 2338 12.820.010 1.0
 MESJ HN 56 18 IAML 2338 13.04 5 0.1

**April 11 2018 Hour: 10: 5 43.0 Lat: 36.72N Lon: 7.49W Depth: 25F Agency: IGL Regional
 Magnitudes: 1.7ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	302	EP		10	6	1.24-.110							1.0
MORF	HE	122	302	ES		10	6	14.61-.130							1.0
MORF	HN	122	302	IAML		10	6	15.44		22	0.1				
MESJ	HZ	140	333	EP		10	6	3.640.090							1.0
MESJ	HN	140	333	ES		10	6	18.690.140							1.0
MESJ	HN	140	333	IAML		10	6	20.49		6	0.1				

**April 11 2018 Hour: 14:37 43.3 Lat: 37.97N Lon: 1.41W Depth: 12F Agency: IGL Regional
 Rms: 0.0 secs**

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	599	271	EP		1439		1.390.020							1.0

**April 12 2018 Hour: 4:27 23.1 Lat: 37.21N Lon: 8.56W Depth: 19F Agency: IGL Regional
 Magnitudes: 2.5ML IGL Rms: 0.1 secs**

NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	322	EP		427	26.63-.210								1.0
MORF	HN	13	322	ES		427	29.610.040								1.0
MORF	HN	13	322	IAML		427	30.07			967	0.1				
MESJ	HZ	76	23	EP		427	35.530.130								1.0
MESJ	HE	76	23	ES		427	44.410.050								1.0
MESJ	HN	76	23	IAML		427	45.62			189	0.1				

**April 12 2018 Hour: 7:15 33.0 Lat: 36.51N Lon: 9.72W Depth: 14F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	47	EP		715	53.00-.150								1.0
MORF	HE	130	47	ES		716	8.010.110								1.0
MORF	HE	130	47	IAML		716	8.23			4	0.1				
MESJ	HZ	199	42	EP		716	1.70-.000								1.0
MESJ	HN	199	42	ES		716	22.730.040								1.0
MESJ	HN	199	42	IAML		716	24.70			1	0.1				

**April 12 2018 Hour: 20:49 25.6 Lat: 36.66N Lon: 11.30W Depth: 15F Agency: IGL Regional
 Magnitudes: 1.6ML IGL Rms: 0.0 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	246	72	EP		2050	0.230.000								1.0
MORF	HE	246	72	ES		2050	25.42-.070								1.0
MORF	HE	246	72	IAML		2050	26.20			5	0.1				
MESJ	HZ	303	63	EP		2050	7.280.040								1.0
MESJ	HE	303	63	ES		2050	37.640.030								1.0
MESJ	HE	303	63	IAML		2050	38.19			2	0.2				

**April 13 2018 Hour: 6:23 27.0 Lat: 36.26N Lon: 6.73W Depth: 9F Agency: IGL Regional
 Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	220	323	EP		623	58.88-.000								1.0

April 13 2018 Hour: 23:25 26.6 Lat: 39.26N Lon: 10.36W Depth: 30F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	244	130	EP		2325	59.940	.160							1.0
MESJ	HN	244	130	ES		2326	24.120	.130							1.0
MESJ	HE	244	130	IAML		2326	27.21			3	0.1				
MORF	HZ	263	145	EP		2326	1.99	-.220							1.0
MORF	HE	263	145	ES		2326	28.10	-.080							1.0
MORF	HE	263	145	IAML		2326	30.99			3	0.1				

April 14 2018 Hour: 16:50 15.4 Lat: 36.75N Lon: 9.61W Depth: 23F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	105	54	EP		1650	31.86	-.060							1.0
MORF	HE	105	54	ES		1650	44.130	.120							1.0
MORF	HE	105	54	IAML		1650	45.43			19	0.1				
MESJ	HZ	173	45	EP		1650	40.20	-.140							1.0
MESJ	HN	173	45	ES		1650	58.650	.080							1.0
MESJ	HN	173	45	IAML		1650	58.91			3	0.1				

April 14 2018 Hour: 16:53 11.6 Lat: 40.47N Lon: 29.43W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.0 secs

AZORES ISLANDS REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	1832	94	EP		1657	2.91	-.030							1.0
MORF	BZ	1832	94	IAMB		1657	10.13			29	1.0				
MESJ	BZ	1852	92	EP		1657	5.170	.030							1.0
MESJ	BZ	1852	92	IAMB		1657	13.83			160	1.8				

April 14 2018 Hour: 16:56 18.4 Lat: 40.37N Lon: 30.58W Depth: 10F Agency: IGL Distant
Magnitudes: 4.3Mb IGL Rms: 0.0 secs

AZORES ISLANDS REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1949	91	EP		17	0	22.950	.010						1.0
MESJ	BZ	1949	91	IAMB		17	0	29.45		22	0.9				

April 14 2018 Hour: 18:34 12.4 Lat: 40.71N Lon: 29.32W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.0 secs

AZORES ISLANDS REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	1825	95	EP		1838	2.90	-.040							1.0
MORF	BZ	1825	95	IAMB		1838	6.27			28	0.8				
MESJ	BZ	1844	93	EP		1838	5.070	.040							1.0
MESJ	BZ	1844	93	IAMB		1838	14.76			124	1.7				

April 14 2018 Hour: 22: 0 38.5 Lat: 36.73N Lon: 8.38W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	68	339	EP		22	0	49.43	-.160						1.0
MORF	HE	68	339	ES		22	0	57.720	.030						1.0
MORF	HE	68	339	IAML		22	0	58.68		29	0.2				
MESJ	HZ	124	7	EP		22	0	58.190	.170						1.0
MESJ	HE	124	7	ES		22	1	12.24	-.030						1.0
MESJ	HE	124	7	IAML		22	1	13.85		2	0.1				

April 14 2018 Hour: 22:50 18.4 Lat: 37.95N Lon: 8.29W Depth: 0 Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

NW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	14	153	EP		2250	20.46	-.140							1.0
MESJ	HN	14	153	ES		2250	22.250	.030							1.0
MESJ	HN	14	153	IAML		2250	22.87			205	0.1				
MORF	HZ	79	204	EP		2250	31.060	.020							1.0
MORF	HN	79	204	ES		2250	40.380	.090							1.0
MORF	HN	79	204	IAML		2250	42.86			51	0.2				

April 14 2018 Hour: 23: 8 1.2 Lat: 37.33N Lon: 8.57W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	249	EP		23 8	3.74	-.280							1.0
MORF	HN	8	249	ES		23 8	6.150	.110							1.0
MORF	HN	8	249	IAML		23 8	6.95			51	0.1				
MESJ	HZ	64	29	EP		23 8	11.910	.210							1.0
MESJ	HE	64	29	ES		23 8	19.31	-.030							1.0
MESJ	HN	64	29	IAML		23 8	21.76			3	0.2				

April 15 2018 Hour: 2:30 8.8 Lat: 37.32N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	258	EP		230	11.250	.040							1.0
MORF	HN	8	258	ES		230	12.95	-.040							1.0
MORF	HN	8	258	IAML		230	13.52			15	0.1				

April 15 2018 Hour: 7:30 0.2 Lat: 37.95N Lon: 8.30W Depth: 4F Agency: IGL Regional
Rms: 0.0 secs

NW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	14	150	EP		730	2.54	-.010							1.0
MESJ	HN	14	150	ES		730	4.290	.010							1.0

April 15 2018 Hour: 16:46 43.3 Lat: 36.89N Lon: 5.21W Depth: 23F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	287	292	EP		1647	22.570	.020							1.0

April 15 2018 Hour: 18:50 56.7 Lat: 36.53N Lon: 9.71W Depth: 15F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	47	EP		1851	16.550	.000							1.0
MORF	HN	128	47	ES		1851	31.050	.020							1.0
MORF	HN	128	47	IAML		1851	31.71			13	0.2				
MESJ	HZ	197	42	EP		1851	24.96	-.130							1.0
MESJ	HN	197	42	ES		1851	45.920	.110							1.0
MESJ	HN	197	42	IAML		1851	47.88			4	0.2				

April 15 2018 Hour: 19:30 44.1 Lat: 1.37N Lon: 126.87E Depth: 37F Agency: IGL Distant
Rms: 0.0 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13703	318	EPKpdf			1949	36.34	-.050							1.0
MORF	BZ13768	318	EPKpdf			1949	37.600	.050							1.0

April 16 2018 Hour: 0:58 14.5 Lat: 40.82N Lon: 13.81W Depth: 32F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	584	123	EP		059	29.480	.250							1.0
MESJ	HN	584	123	ES		1 0	23.870	.090							1.0
MESJ	HN	584	123	IAML		1 0	28.03			15	0.4				
MORF	HZ	593	130	EP		059	30.07	-.200							1.0
MORF	HN	593	130	ES		1 0	25.42	-.150							1.0
MORF	HE	593	130	IAML		1 0	28.34			21	0.2				

April 16 2018 Hour: 1:19 23.7 Lat: 44.12N Lon: 8.29W Depth: 24F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	697	179	EP		120	52.41	-.180							1.0
MESJ	HE	697	179	ES		121	57.43	-.030							1.0
MESJ	HN	697	179	IAML		122	0.57			2	0.3				
MORF	HZ	757	182	EP		120	59.730	.050							1.0
MORF	HN	757	182	ES		122	9.910	.180							1.0
MORF	HN	757	182	IAML		122	12.05			8	0.3				

April 16 2018 Hour: 16:53 2.4 Lat: 37.21N Lon: 8.56W Depth: 21F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	322	EP		1653	6.29	-.070							1.0
MORF	HE	13	322	ES		1653	9.310	.050							1.0
MORF	HE	13	322	IAML		1653	9.97			13	0.1				
MESJ	HN	76	23	ES		1653	23.740	.020							1.0
MESJ	HN	76	23	IAML		1653	24.20			0.90	0.1				

April 16 2018 Hour: 18:24 12.3 Lat: 38.63N Lon: 9.28W Depth: 1 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.3 secs

SE OEIRAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	128	133	EP		1824	32.57	-.290							1.0
MESJ	HN	128	133	ES		1824	48.180	.290							1.0
MESJ	HE	128	133	IAML		1824	49.39			3	0.3				

April 16 2018 Hour: 20:9 25.1 Lat: 36.59N Lon: 7.18W Depth: 37F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	153	302	EP		20 9	46.79	-.100							1.0
MORF	HN	153	302	ES		2010	2.940	.100							1.0
MORF	HE	153	302	IAML		2010	3.98			6	0.1				

April 17 2018 Hour: 4:47 57.0 Lat: 37.17N Lon: 9.16W Depth: 0 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	111	48	EP		448	15.130	.110							1.0
MESJ	HN	111	48	ES		448	28.03	-.110							1.0
MESJ	HN	111	48	IAML		448	29.92			0.80	0.2				

April 17 2018 Hour: 12:39 50.1 Lat: 36.96N Lon: 7.30W Depth: 11F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	288	EP		1240	9.93	-.010							1.0
MORF	HN	126	288	ES		1240	24.500	.060							1.0
MORF	HE	126	288	IAML		1240	26.47			32	0.2				

MESJ HZ	127	320	EP	1240	9.96	-.120												1.0
MESJ HN	127	320	ES	1240	24.750	.070												1.0
MESJ HN	127	320	IAML	1240	28.63				11	0.2								

April 17 2018 Hour: 16:39 54.1 Lat: 39.01N Lon: 11.03W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	278	117	EP		1640	30.820	.280							1.0
MESJ	HN	278	117	ES		1640	57.13	-.050							1.0
MESJ	HE	278	117	IAML		1640	59.81			10	0.2				
MORF	HZ	281	131	EP		1640	31.120	.080							1.0
MORF	HE	281	131	ES		1640	57.74	-.300							1.0
MORF	HN	281	131	IAML		1641	1.74			42	0.1				

April 17 2018 Hour: 20:19 32.1 Lat: 37.32N Lon: 8.61W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	245	EP		2019	33.73	-.330							1.0
MORF	HE	4	245	ES		2019	35.770	.260							1.0
MORF	HE	4	245	IAML		2019	36.18			63	0.1				
MESJ	HZ	67	31	EP		2019	43.000	.010							1.0
MESJ	HE	67	31	ES		2019	51.010	.060							1.0
MESJ	HN	67	31	IAML		2019	51.57			3	0.1				

April 17 2018 Hour: 20:26 17.7 Lat: 39.37N Lon: 12.71W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	422	122	EP		2027	11.89	-.110							1.0
MORF	HN	422	122	ES		2027	51.49	-.180							1.0
MORF	HN	422	122	IAML		2027	56.33			35	0.1				
MESJ	HZ	426	112	EP		2027	12.510	.060							1.0
MESJ	HN	426	112	ES		2027	52.670	.230							1.0
MESJ	HE	426	112	IAML		2027	57.02			14	0.1				

April 18 2018 Hour: 10:33 30.9 Lat: 36.79N Lon: 4.55W Depth: 21F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	346	291	EP		1034	17.300	.020							1.0
MESJ	HN	346	291	ES		1034	51.00	-.130							1.0
MESJ	HN	346	291	IAML		1034	52.68			42	0.1				
MORF	HZ	369	280	EP		1034	20.26	-.010							1.0
MORF	HE	369	280	ES		1034	56.430	.120							1.0
MORF	HN	369	280	IAML		1035	1.70			84	0.3				

April 18 2018 Hour: 13: 7 21.0 Lat: 0.38S Lon: 6.56W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.1 secs

SOUTH ATLANTIC OCEAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4179	357	EP		1314	35.52	-.070							1.0
MORF	BZ	4179	357	IAMB		1314	36.08			48	1.2				
MESJ	BZ	4237	358	EP		1314	39.970	.070							1.0
MESJ	BZ	4237	358	IAMB		1314	41.05			30	1.2				

April 18 2018 Hour: 21:10 9.7 Lat: 38.03N Lon: 8.76W Depth: 8F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	52	114	EP		2110	17.99	-.210							1.0
MESJ	HE	52	114	ES		2110	24.540	.140							1.0
MESJ	HN	52	114	IAML		2110	25.86			2	0.1				

MORF HZ	81	173	EP	2110	22.990.120												1.0
MORF HN	81	173	ES	2110	32.42-.050												1.0
MORF HE	81	173	IAML	2110	33.42				4	0.2							

April 19 2018 Hour: 1:14 34.1 Lat: 37.37N Lon: 7.53W Depth: 2F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

SW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	80	311	EP			114	46.96-	.050							1.0
MESJ HN	80	311	ES			114	56.500.	.050							1.0
MESJ HN	80	311	IAML			114	58.82			2	0.1				

April 19 2018 Hour: 19:57 16.3 Lat: 37.32N Lon: 8.52W Depth: 7F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	12	262	EP			1957	18.39-	.200							1.0
MORF HN	12	262	ES			1957	20.350.	.100							1.0
MORF HN	12	262	IAML			1957	20.83			247	0.1				
MESJ HZ	63	25	EP			1957	26.730.	.110							1.0

April 19 2018 Hour: 22:20 36.6 Lat: 37.20N Lon: 8.59W Depth: 17F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	13	334	EP			2220	40.00-	.090							1.0
MORF HE	13	334	ES			2220	42.60-	.010							1.0
MORF HE	13	334	IAML			2220	43.05			29	0.2				
MESJ HN	78	25	ES			2220	58.33-	.040							1.0
MESJ HN	78	25	IAML			2220	59.27			1	0.1				
MESJ HZ			EP			2220	49.17								

April 20 2018 Hour: 0:47 57.0 Lat: 36.82N Lon: 10.67W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	187	73	EP			048	23.010.	.000							1.0
MORF HE	187	73	ES			048	42.070.	.050							1.0
MORF HE	187	73	IAML			048	42.84			16	0.2				
MESJ HZ	245	62	EP			048	29.99-	.130							1.0
MESJ HN	245	62	ES			048	54.410.	.080							1.0
MESJ HN	245	62	IAML			048	54.70			4	0.1				

April 20 2018 Hour: 3:25 59.6 Lat: 38.08N Lon: 8.37W Depth: 1 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	30	154	EP			326	4.37-	.000							1.0
MESJ HN	30	154	ES			326	7.890.	.000							1.0
MESJ HE	30	154	IAML			326	8.14			5	0.1				

April 20 2018 Hour: 4:21 38.8 Lat: 36.26N Lon: 9.86W Depth: 28F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	228	39	EP			422	10.110.	.020							1.0
MESJ HN	228	39	ES			422	32.90-	.020							1.0
MESJ HE	228	39	IAML			422	35.39			0.90	0.1				

April 20 2018 Hour: 16:153.2 Lat: 37.32N Lon: 8.50W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	263	EP		16	1	56.07							1.0
MORF	HN	14	263	ES		16	1	58.410							1.0
MORF	HE	14	263	IAML		16	1	58.70		30	0.2				

April 21 2018 Hour: 0:20 6.2 Lat: 39.95N Lon: 23.72E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs
AEGEAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2766	275	EP		025	29.09								1.0
MESJ	BZ	2766	275	IAMB		025	29.38			83	1.7				

April 21 2018 Hour: 19:44 17.7 Lat: 48.92S Lon: 123.61E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.0 secs
WESTERN INDIAN ANTARCTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15982	271	EPKP			20	3	52.60							1.0
MESJ	BZ15982	271	IAMs_20			2057	48.48			1382	37.1				

April 21 2018 Hour: 20:39 13.3 Lat: 38.25N Lon: 8.73W Depth: 9F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
N MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	64	135	EP		2039	23.43								1.0
MESJ	HN	64	135	ES		2039	31.330	0.070							1.0
MESJ	HN	64	135	IAML		2039	32.97			7	0.1				
MORF	HZ	105	176	EP		2039	30.260	0.210							1.0
MORF	HN	105	176	ES		2039	42.27								1.0
MORF	HE	105	176	IAML		2039	43.54			19	0.2				

April 22 2018 Hour: 5:38 10.1 Lat: 36.59N Lon: 9.75W Depth: 25F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	51	EP		538	28.86								1.0
MORF	HN	126	51	ES		538	42.640	0.030							1.0
MORF	HN	126	51	IAML		538	43.02			4	0.1				
MESJ	HZ	194	44	EP		538	37.26								1.0
MESJ	HN	194	44	ES		538	57.290	0.070							1.0
MESJ	HN	194	44	IAML		538	57.74			0.70	0.1				

April 22 2018 Hour: 9:27 49.6 Lat: 36.73N Lon: 7.20W Depth: 19F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	153	324	EP		928	12.250	0.020							1.0

April 22 2018 Hour: 11:24 3.0 Lat: 38.94N Lon: 11.14W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	283	115	ES		1125	7.23								1.0
MESJ	HN	283	115	IAML		1125	9.15			1	0.2				
MORF	HZ	284	129	EP		1124	40.520	0.240							1.0
MORF	HN	284	129	ES		1125	7.29								1.0
MORF	HN	284	129	IAML		1125	8.86			3	0.2				

April 22 2018 Hour: 17:11 23.7 Lat: 38.24N Lon: 8.76W Depth: 6F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NW MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	133	EP		1711	33.98	-.240							1.0
MESJ	HE	65	133	ES		1711	42.110	.200							1.0
MESJ	HN	65	133	IAML		1711	43.21			1	0.1				
MORF	HZ	104	175	EP		1711	40.520	.000							1.0
MORF	HN	104	175	ES		1711	52.840	.040							1.0
MORF	HE	104	175	IAML		1711	53.82			4	0.1				

April 22 2018 Hour: 17:43 39.5 Lat: 36.66N Lon: 7.08W Depth: 18F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	165	323	EP		1744	3.71	-.070							1.0
MESJ	HN	165	323	ES		1744	21.560	.070							1.0
MESJ	HE	165	323	IAML		1744	22.09			0.70	0.1				

April 22 2018 Hour: 20:17 28.9 Lat: 42.86N Lon: 11.37W Depth: 31F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	496	157	ES		2019	18.28	-.030							1.0
GGNV	HN	496	157	IAML		2019	19.68			98	0.6				
MESJ	HZ	618	153	EP		2018	47.040	.180							0.9
MESJ	HN	618	153	ES		2019	43.45	-.350							0.9
MESJ	HN	618	153	IAML		2019	46.72			18	0.2				
MORF	HZ	658	159	EP		2018	52.000	.220							0.9

April 23 2018 Hour: 4:39 3.4 Lat: 37.48N Lon: 9.09W Depth: 22F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	117	EP		439	11.100	.050							1.0
MORF	HN	43	117	ES		439	16.59	-.050							1.0
MORF	HE	43	117	IAML		439	17.38			7	0.2				

April 23 2018 Hour: 5:10 50.2 Lat: 36.81N Lon: 11.37W Depth: 37F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	248	76	ES		511	48.18	-.160							1.0
MORF	HE	248	76	IAML		511	50.40			7	0.1				
MESJ	HZ	302	67	EP		511	30.640	.160							1.0

April 23 2018 Hour: 6:0 35.6 Lat: 22.41S Lon: 68.61W Depth: 110F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9180	44	EP		612	46.120	.040							1.0
MESJ	BZ	9180	44	IAMB		612	47.49			49	1.4				

April 23 2018 Hour: 8:13 58.5 Lat: 1.29S Lon: 138.43E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.0 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14744	324	EPKp \bar{d} f			833	12.72	-.020							1.0
MESJ	BZ14744	324	EPP			835	36.330	.060							1.0
MESJ	BZ14744	324	IAMs $\bar{2}$ 0			938	16.37			771	20.4				
MORF	BZ14812	324	EPKp \bar{d} f			833	13.90	-.040							1.0
MORF	BZ14812	324	IAMs $\bar{2}$ 0			938	43.74			938	18.3				

April 23 2018 Hour: 14:50 41.4 Lat: 38.34N Lon: 8.49W Depth: 10F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
SE ALCACER DO SAL, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 60 157 EP 1450 51.16-.130 1.0
 MESJ HE 60 157 ES 1450 58.560.060 1.0
 MESJ HE 60 157 IAML 1450 58.94 1 0.1
 MORF HZ 116 187 EP 1450 59.840.070 1.0

April 23 2018 Hour: 15:48 53.1 Lat: 35.79N Lon: 0.25E Depth: 16F Agency: IGL Regional
Rms: 0.0 secs
NORTHERN ALGERIA Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 788 289 EP 1550 33.410.010 1.0

April 24 2018 Hour: 1:53 9.0 Lat: 37.87N Lon: 3.24W Depth: 8F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
SPAIN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 438 271 EP 154 7.81-.160 1.0
 MESJ HN 438 271 ES 154 51.080.030 1.0
 MESJ HN 438 271 IAML 154 54.65 7 0.4
 MORF HZ 482 264 EP 154 13.450.130 1.0

April 24 2018 Hour: 2:29 53.7 Lat: 12.52N Lon: 87.75W Depth: 47F Agency: IGL Distant
Magnitudes: 5.0Ms IGL Rms: 0.0 secs
NEAR COAST OF NICARAGUA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 8226 55 EP 241 24.07-.040 1.0
 MORF BE 8226 55 IAMs_20 3 8 27.71 906 20.5
 MESJ BZ 8260 54 EP 241 25.910.040 1.0
 MESJ BZ 8260 54 IAMs_20 3 5 46.15 1083 25.9

April 24 2018 Hour: 15:52 5.1 Lat: 36.72N Lon: 70.69E Depth: 261F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 6774 297 EP 16 1 50.710.000 1.0
 MESJ BZ 6774 297 IAMB 16 1 51.86 27 0.9

April 24 2018 Hour: 21:57 0.7 Lat: 23.92S Lon: 179.83E Depth: 530F Agency: IGL Distant
Rms: 0.0 secs
SOUTH OF FIJI ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ18303 25 EPKpdf 2216 3.000.050 1.0
 MORF BZ18336 27 EPKpdf 2216 3.20-.050 1.0

April 25 2018 Hour: 0: 6 56.8 Lat: 70.94N Lon: 6.23W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Ms IGL Rms: 0.1 secs
JAN MAYEN ISLAND REGION Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 3683 183 EP 013 33.02-.080 1.0
 MESJ BE 3683 183 ES 018 53.400.080 1.0
 MESJ BE 3683 183 IAMs_20 024 46.48 1447 22.1

April 25 2018 Hour: 3: 0 57.3 Lat: 36.55N Lon: 11.09W Depth: 7F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 233 68 EP 3 1 30.86-.100 1.0
 MESJ HZ 292 60 EP 3 1 38.320.000 1.0
 MESJ HN 292 60 ES 3 2 8.390.110 1.0
 MESJ HE 292 60 IAML 3 2 9.08 0.60 0.1

April 26 2018 Hour: 3:33 58.9 Lat: 37.16N Lon: 10.92W Depth: 45F Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	202	85	EP		334	27.030	.180							1.0
MORF	HN	202	85	ES		334	47.03	-.200							1.0
MORF	HN	202	85	IAML		334	49.85			2318	0.2				
GGNV	HZ	233	41	EP		334	30.47	-.130							1.0
GGNV	HN	233	41	ES		334	53.970	.240							1.0
GGNV	HE	233	41	IAML		334	55.82			2343	0.2				
MESJ	HZ	250	72	EP		334	32.900	.110							1.0
MESJ	HE	250	72	ES		334	57.32	-.210							1.0
MESJ	HN	250	72	IAML		334	59.26			403	0.2				

April 26 2018 Hour: 4: 8 6.0 Lat: 36.43N Lon: 8.42W Depth: 14F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	99	348	EP		4 8	21.64	-.050							1.0
MORF	HN	99	348	ES		4 8	33.210	.040							1.0
MORF	HE	99	348	IAML		4 8	33.84			2	0.1				
MESJ	HN	157	6	ES		4 8	46.820	.010							1.0
MESJ	HE	157	6	IAML		4 8	48.08			0.80	0.2				

April 26 2018 Hour: 11:13 20.1 Lat: 36.50N Lon: 5.35W Depth: 1F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	295	301	EP		1114	2.280	.100							1.0
MESJ	HN	295	301	ES		1114	32.84	-.030							1.0
MESJ	HN	295	301	IAML		1114	54.98			421	0.5				
MORF	HZ	308	288	EP		1114	3.810	.060							1.0
GGNV	HZ	416	307	EP		1114	17.04	-.140							0.9

April 26 2018 Hour: 11:40 57.5 Lat: 37.87N Lon: 3.27W Depth: 7F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	436	271	EP		1141	56.25	-.080							1.0
MESJ	HN	436	271	ES		1142	39.19	-.120							1.0
MESJ	HN	436	271	IAML		1142	42.92			14	0.4				
MORF	HN	480	264	ES		1142	48.760	.210							1.0
MORF	HN	480	264	IAML		1143	16.95			78	0.3				

April 26 2018 Hour: 16:55 58.9 Lat: 1.87S Lon: 139.79E Depth: 7F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14884	325	EPP			1717	45.380	.110							1.0
MESJ	BZ14884	325	IAMs_20			1817	1.15			334	10.2				
MORF	BZ14953	324	EPP			1717	49.13	-.110							1.0
MORF	BZ14953	324	IAMs_20			1820	40.86			853	24.5				

April 26 2018 Hour: 21:10 13.0 Lat: 37.31N Lon: 8.55W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	266	EP		2110	15.28	-.240							1.0
MORF	HN	9	266	ES		2110	17.500	.150							1.0
MORF	HE	9	266	IAML		2110	18.10			21	0.1				
MESJ	HE	66	26	ES		2110	31.480	.100							1.0
MESJ	HE	66	26	IAML		2110	32.22			2	0.1				

April 28 2018 Hour: 1:22 58.9 Lat: 36.92N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	43	349	ES		123	11.580	.110							1.0
MORF	HE	43	349	IAML		123	12.12			7	0.2				
MESJ	HZ	106	16	EP		123	15.55	-.130							1.0
MESJ	HN	106	16	ES		123	27.950	.010							1.0
MESJ	HE	106	16	IAML		123	28.81			1	0.2				

April 28 2018 Hour: 3:39 22.5 Lat: 38.78N Lon: 7.96W Depth: 6F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
NE ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	192	EP		339	39.72	-.010							1.0
MESJ	HN	107	192	ES		339	52.290	.010							1.0
MESJ	HN	107	192	IAML		339	53.34			7	0.2				

April 28 2018 Hour: 9:56 20.2 Lat: 36.68N Lon: 7.52W Depth: 30F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	122	305	ES		956	51.430	.020							1.0
MORF	HE	122	305	IAML		956	52.88			3	0.2				
MESJ	HZ	143	334	EP		956	40.74	-.020							1.0
MESJ	HN	143	334	ES		956	55.780	.010							1.0
MESJ	HE	143	334	IAML		956	56.82			2	0.2				

April 28 2018 Hour: 11:22 36.1 Lat: 37.87N Lon: 3.24W Depth: 10F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	438	271	EP		1123	34.87	-.070							1.0
MESJ	HE	438	271	ES		1124	17.970	.070							1.0
MESJ	HN	438	271	IAML		1124	19.56			2	0.2				

April 28 2018 Hour: 15:14 19.7 Lat: 36.34N Lon: 71.15E Depth: 91F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6830	298	EP		1524	26.49	-.020							1.0
MESJ	BZ	6830	298	IAMB		1524	26.91			10	0.9				

April 30 2018 Hour: 2:4 57.5 Lat: 38.05N Lon: 9.52W Depth: 1 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	137	EP		2	5	15.700	.010						1.0
MORF	HE	113	137	ES		2	5	29.010	.050						1.0
MORF	HE	113	137	IAML		2	5	30.37		7	0.1				
MESJ	HZ	117	101	EP		2	5	16.10	-.220						1.0
MESJ	HN	117	101	ES		2	5	30.210	.160						1.0
MESJ	HN	117	101	IAML		2	5	30.94		4	0.2				

April 30 2018 Hour: 7:57 57.6 Lat: 36.34N Lon: 7.90W Depth: 26F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	328	EP		758	16.36	-.090							1.0
MORF	HN	126	328	ES		758	30.270	.090							1.0
MORF	HE	126	328	IAML		758	30.37			7	0.2				

**April 30 2018 Hour: 17:52 39.3 Lat: 37.57N Lon: 9.26W Depth: 22F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs**

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	61	119	EP		1752	49.44	-.080							1.0
MORF	HE	61	119	ES		1752	57.06	0.080							1.0
MORF	HN	61	119	IAML		1752	59.22			6	0.2				

**April 30 2018 Hour: 18:24 53.4 Lat: 15.95S Lon: 168.38E Depth: 266F Agency: IGL Distant
Rms: 0.0 secs**

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	17583	353	EPK	df	1844	17.59	-.010							1.0