

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

May to June

2018

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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

May 1 2018 Hour: 17:15 38.6 Lat: 56.73S Lon: 142.00W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.0 secs

PACIFIC ANTARTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	16021	102	EPKPdf		1735	14.22	-.030							1.0
MESJ	BN	16021	102	ESS		1757	16.81	0.030							1.0
MESJ	BZ	16021	102	IAMs_20		1855	38.61			646	26.4				

May 1 2018 Hour: 17:43 38.8 Lat: 38.32N Lon: 8.10W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

W VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	54	191	EP		1743	47.77	0.100							1.0
MESJ	HN	54	191	ES		1743	54.07	-.100							1.0
MESJ	HN	54	191	IAML		1743	55.93			9	0.1				

May 1 2018 Hour: 19:47 53.2 Lat: 17.98S Lon: 177.97W Depth: 579F 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	BZ	17613	22	EPKPdf		20 6	44.02	0.030							1.0
MESJ	BZ	17613	22	EpPKPdf		20 8	59.24	0.000							1.0
MORF	BZ	17648	24	EPKPdf		20 6	44.39	-.030							1.0

May 2 2018 Hour: 4: 8 13.4 Lat: 30.72N Lon: 51.48E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.1 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5463	295	EP		417	0.98	-.130							1.0
MESJ	BZ	5463	295	IAMB		417	1.71			56	1.3				
MESJ	BZ	5463	295	EPP		418	54.82	0.080							1.0
MESJ	BN	5463	295	ES		424	7.13	0.010							1.0
MORF	BZ	5512	295	EP		417	4.58	0.070							1.0
MORF	BZ	5512	295	IAMB		417	7.96			195	2.1				
GGNV	BZ	5526	297	EP		417	5.33	-.040							1.0
GGNV	BZ	5526	297	IAMB		417	8.04			93	1.0				

May 2 2018 Hour: 10:13 19.9 Lat: 52.61N Lon: 32.23W Depth: 10F Agency: IGL Distant
Magnitudes: 4.4Ms IGL Rms: 0.1 secs

REYKJANES RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BE	2351	122	ES		1022	1.34	0.060							1.0
GGNV	BE	2351	122	IAMs_20		1023	10.02			2427	22.9				
MESJ	BZ	2478	122	EP		1018	17.33	0.060							1.0
MESJ	BE	2478	122	ES		1022	23.69	0.010							1.0
MESJ	BZ	2478	122	IAMs_20		1023	58.36			1926	32.0				
MORF	BZ	2498	124	EP		1018	19.26	-.030							1.0
MORF	BE	2498	124	ES		1022	27.27	-.100							1.0
MORF	BE	2498	124	IAMs_20		1023	17.86			1777	24.9				

May 2 2018 Hour: 15:45 32.0 Lat: 10.11S Lon: 160.99E Depth: 53F Agency: IGL Distant
Magnitudes: 5.1Ms IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	16778	342	EPKP		16 5	11.94	-.050							1.0
MESJ	BZ	16778	342	IAMs_20		1712	16.44			343	21.4				

May 2 2018 Hour: 16:23 44.8 Lat: 37.32N Lon: 8.54W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML 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	10	260	EP		1623	47.22	-.160							1.0
MORF	HE	10	260	ES		1623	49.410	.120							1.0
MORF	HE	10	260	IAML		1623	49.86			31	0.1				
MESJ	HZ	64	26	EP		1623	55.230	.040							1.0

May 3 2018 Hour: 2:50 4.4 Lat: 35.35N Lon: 11.45W Depth: 40F Agency: IGL Regional
Magnitudes: 1.3ML 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	HN	332	48	ES		251	20.33	-.060							1.0
MORF	HN	332	48	IAML		251	22.13			2	0.1				
MESJ	HZ	400	45	EP		250	56.550	.010							1.0
MESJ	HN	400	45	ES		251	34.640	.050							1.0
MESJ	HN	400	45	IAML		251	35.36			0.50	0.1				

May 3 2018 Hour: 17:40 16.7 Lat: 39.94N Lon: 8.94W Depth: 1F Agency: IGL Regional
Rms: 0.1 secs

N MARINHA GRANDE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	241	165	EP		1740	52.120	.120							1.0
MORF	HZ	294	175	EP		1740	58.40	-.120							1.0

May 4 2018 Hour: 11:50 20.9 Lat: 36.32N Lon: 9.64W Depth: 9F 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	140	39	EP		1150	43.010	.100							1.0
MORF	HN	140	39	ES		1150	58.86	-.120							1.0
MORF	HN	140	39	IAML		1151	0.29			9	0.3				
MESJ	HZ	211	36	EP		1150	51.60	-.020							1.0
MESJ	HN	211	36	ES		1151	14.080	.040							1.0
MESJ	HE	211	36	IAML		1151	14.90			1	0.1				

May 4 2018 Hour: 22:32 54.2 Lat: 19.31N Lon: 155.00W Depth: 2F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.0 secs

ISLAND OF HAWAII, HAWAII Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ12686	29	EPP			2252	28.58	-.010							1.0
GGNV	BE12686	29	ESS			23 8	20.990	.020							1.0
GGNV	BZ12686	29	IAMs_20			2331	57.38			14181	22.4				
MESJ	BZ12812	29	EPP			2252	36.66	-.010							1.0
MESJ	BE12812	29	ESS			23 8	36.000	.000							1.0
MESJ	BZ12812	29	IAMs_20			2334	0.06			11032	19.7				
MORF	BZ12839	29	EPP			2252	38.470	.070							1.0
MORF	BE12839	29	ESS			23 8	39.15	-.070							1.0
MORF	BE12839	29	IAMs_20			2321	20.40			18198	39.6				

May 5 2018 Hour: 0:33 4.2 Lat: 36.93N Lon: 8.93W Depth: 27F 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	48	31	EP		0 3	42.830	.100							1.0
MORF	HN	48	31	ES		0 3	48.82	-.150							1.0
MORF	HE	48	31	IAML		0 3	49.54			713	0.1				
MESJ	HZ	119	32	EP		0 3	51.89	-.070							1.0
MESJ	HN	119	32	ES		0 4	5.060	.120							1.0
MESJ	HN	119	32	IAML		0 4	7.45			142	0.2				

May 5 2018 Hour: 6:19 4.5 Lat: 14.50N Lon: 123.93E Depth: 18F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

LUZON, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ12383	322	EP	dif		633	38.290	.040							1.0
MESJ	BZ12383	321	IAMs	_20		738	38.53			4614	20.1				
GGNV	BE12383	322	IAMs	_20		727	49.49			5459	17.1				
MESJ	BZ12383	321	EP	dif		633	38.350	.050							1.0
MESJ	BZ12383	321	EPP			638	16.76	-.020							1.0
MESJ	BN12383	321	ESS			653	50.53	-.060							1.0
GGNV	BZ12383	322	EPP			638	16.70	-.020							1.0
MORF	BZ12451	321	EP	dif		633	41.050	.010							1.0
MORF	BZ12451	321	EPP			638	21.260	.080							1.0
MORF	BN12451	321	ESS			653	58.66	-.090							1.0
MORF	BZ12451	321	IAMs	_20		734	45.24			4523	17.8				

May 5 2018 Hour: 7:31 41.6 Lat: 36.51N Lon: 7.70W Depth: 34F Agency: IGL Regional
Magnitudes: 0.7ML 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	122	316	EP		731	59.650	.020							1.0
MORF	HN	122	316	ES		732	12.790	.030							1.0
MORF	HN	122	316	IAML		732	13.58			1	0.1				
MESJ	HZ	155	343	EP		732	3.54	-.050							1.0

May 5 2018 Hour: 11:7 28.5 Lat: 36.64N Lon: 7.22W Depth: 18F Agency: IGL Regional
Magnitudes: 1.6ML 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
MORF	HZ	147	300	EP		11	7	50.570	.050						1.0
MORF	HE	147	300	ES		11	8	6.47	-.140						1.0
MORF	HE	147	300	IAML		11	8	7.15		9	0.2				
MESJ	HZ	160	327	EP		11	7	52.150	.090						1.0

May 5 2018 Hour: 13:9 50.0 Lat: 36.92N Lon: 8.83W Depth: 24F 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	46	20	EP		13	9	58.230	.140						1.0
MORF	HN	46	20	ES		1310	3.91	-.050							1.0
MORF	HN	46	20	IAML		1310	4.59			39	0.1				
MESJ	HZ	115	28	EP		1310	7.50	-.100							1.0

May 6 2018 Hour: 0:1 14.3 Lat: 37.38N Lon: 71.33E Depth: 97F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 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	6791	297	EP		011	18.03	-.020							1.0
MESJ	BZ	6791	297	IAMB		011	19.58			52	0.9				
GGNV	BZ	6820	298	EP		011	19.870	.090							1.0
GGNV	BZ	6820	298	IAMB		011	21.73			113	1.2				
MORF	BZ	6851	297	EP		011	21.73	-.070							1.0
MORF	BZ	6851	297	IAMB		011	23.32			19	1.3				

May 6 2018 Hour: 0:10 57.5 Lat: 43.78N Lon: 14.36W Depth: 16F Agency: IGL Regional
Magnitudes: 2.6ML 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	838	140	EP		012	43.830	.170							1.0
MORF	HZ	866	144	EP		012	46.90	-.060							1.0
MORF	HN	866	144	ES		014	6.76	-.110							1.0
MORF	HE	866	144	IAML		014	10.11			4	0.1				

May 6 2018 Hour: 12:14 58.6 Lat: 35.77N Lon: 4.86W Depth: 6F Agency: IGL Regional
 Magnitudes: 2.4ML 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	378	308	EP		1215	50.37	-.010							1.0
MESJ	HN	378	308	ES		1216	28.190	.010							1.0
MESJ	HN	378	308	IAML		1216	30.21			11	0.5				
MORF	HZ	380	298	EP		1215	50.68	-.000							1.0

May 6 2018 Hour: 14:15 30.4 Lat: 37.12N Lon: 7.96W Depth: 9F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.2 secs
 SE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	65	289	EP		1415	40.81	-.180							1.0
MORF	HN	65	289	ES		1415	48.910	.200							1.0
MORF	HN	65	289	IAML		1415	50.36			16	0.1				
MESJ	HZ	83	344	EP		1415	43.73	-.130							1.0
MESJ	HE	83	344	ES		1415	53.780	.110							1.0
MESJ	HN	83	344	IAML		1415	55.88			9	0.1				

May 6 2018 Hour: 19:57 18.3 Lat: 36.72N Lon: 9.62W Depth: 26F 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	108	53	EP		1957	34.980	.150							1.0
MORF	HN	108	53	ES		1957	46.82	-.060							1.0
MORF	HN	108	53	IAML		1957	47.50			5	0.2				
MESJ	HZ	176	45	EP		1957	43.14	-.090							1.0

May 6 2018 Hour: 21:18 18.7 Lat: 36.43N Lon: 8.10W Depth: 37F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs
 WEST OF GIBRALTAR Nwet: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	333	EP		2118	34.92	-.070							1.0
MORF	HN	109	333	ES		2118	46.990	.070							1.0
MORF	HE	109	333	IAML		2118	48.36			8	0.2				

May 6 2018 Hour: 22:20 48.7 Lat: 36.81N Lon: 7.11W Depth: 26F Agency: IGL Regional
 Magnitudes: 0.7ML 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
MESJ	HZ	151	320	EP		2221	10.46	-.100							1.0
MESJ	HN	151	320	ES		2221	26.570	.100							1.0
MESJ	HN	151	320	IAML		2221	27.75			0.90	0.1				

May 7 2018 Hour: 12:44 17.5 Lat: 34.88N Lon: 4.67W Depth: 28F Agency: IGL Regional
 Magnitudes: 2.1ML IGL Rms: 0.1 secs
 MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	448	308	EP		1245	16.240	.250							1.0
MORF	HN	448	308	ES		1245	58.58	-.110							1.0
MORF	HN	448	308	IAML		1246	0.50			4	0.1				
MESJ	HZ	458	317	EP		1245	17.02	-.050							1.0
MESJ	HN	458	317	ES		1246	0.47	-.100							1.0
MESJ	HN	458	317	IAML		1246	2.19			4	0.1				

May 7 2018 Hour: 14:12 12.8 Lat: 36.87N Lon: 10.94W Depth: 20F Agency: IGL Regional
 Magnitudes: 1.7ML 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	209	76	EP		1412	42.38	-.000							1.0
MORF	HN	209	76	ES		1413	3.940	.000							1.0
MORF	HE	209	76	IAML		1413	4.27			6	0.1				

May 7 2018 Hour: 15: 8 17.6 Lat: 36.52N Lon: 9.67W Depth: 32F Agency: IGL Regional
 Magnitudes: 2.1ML 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	126	46	EP		15	8	36.020	.050						1.0
MORF	HE	126	46	ES		15	8	49.33	-.070						1.0
MORF	HE	126	46	IAML		15	8	50.77		49	0.1				
MESJ	HZ	195	41	EP		15	8	44.52	-.030						1.0
MESJ	HN	195	41	ES		15	9	4.300	.060						1.0
MESJ	HN	195	41	IAML		15	9	5.33		8	0.1				

May 8 2018 Hour: 6:43 57.7 Lat: 36.75N Lon: 7.21W Depth: 17F Agency: IGL Regional
 Magnitudes: 1.0ML 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	HN	142	296	ES		644	34.78	-.160							1.0
MORF	HE	142	296	IAML		644	35.48			5	0.2				
MESJ	HZ	150	324	EP		644	20.19	-.020							1.0
MESJ	HN	150	324	ES		644	36.820	.190							1.0
MESJ	HE	150	324	IAML		644	38.35			1.00	0.1				

May 8 2018 Hour: 8:14 12.8 Lat: 56.36N Lon: 148.46W Depth: 10F Agency: IGL Distant
 Magnitudes: 5.2Ms IGL Rms: 0.0 secs

GULF OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8917	31	EP		826	23.440	.020							1.0
MESJ	BE	8917	31	ES		836	29.07	-.050							1.0
MESJ	BZ	8917	31	IAMs_20		9	1	1.82		1283	21.7				
MORF	BE	8958	31	ES		836	33.160	.030							1.0
MORF	BZ	8958	31	IAMs_20		9	1	50.17		956	21.2				

May 8 2018 Hour: 12: 9 53.9 Lat: 37.31N Lon: 8.58W Depth: 15F Agency: IGL Regional
 Magnitudes: 0.4ML 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	264	EP		12	9	56.47	-.140						1.0
MORF	HE	6	264	ES		12	9	58.620	.050						1.0
MORF	HN	6	264	IAML		12	9	59.24		29	0.2				
MESJ	HN	67	28	ES		1210	12.740	.090							1.0
MESJ	HN	67	28	IAML		1210	14.00			0.80	0.1				

May 9 2018 Hour: 7:57 54.8 Lat: 5.89S Lon: 151.80E Depth: 10F Agency: IGL Distant
 Magnitudes: 6.0Ms 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	BZ15959	333	EPKp \bar{d} f			817	28.84	-.010							1.0
MESJ	BZ15959	333	IAMs_20			927	2.29			2134	21.6				
MORF	BZ16030	333	EPKp \bar{d} f			817	30.010	.010							1.0
MORF	BZ16030	333	IAMs_20			931	11.26			2143	11.9				

May 9 2018 Hour: 10:41 45.8 Lat: 36.99N Lon: 71.37E Depth: 112F Agency: IGL Distant
 Magnitudes: 6.3Mb IGL Rms: 0.1 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	6814	297	EP		1051	49.390	.100							1.0
MESJ	BZ	6814	297	IAMB		1051	51.66			296	0.9				
MESJ	BZ	6814	297	EpP		1052	16.44	-.040							1.0
MESJ	BN	6814	297	ES		11	0	1.390	.040						1.0
GGNV	BZ	6844	299	EP		1051	51.180	.110							1.0
GGNV	BZ	6844	299	IAMB		1051	53.76			978	1.4				
GGNV	BZ	6844	299	EpP		1052	18.29	-.010							1.0
GGNV	BN	6844	299	ES		11	0	4.57	-.130						1.0
MORF	BZ	6874	297	EP		1051	53.050	.030							1.0

MORF BZ 6874 297	I Amb	1051 54.81	357 1.6	
MORF BZ 6874 297	EpP	1052 20.13-.110		1.0
MORF BN 6874 297	ES	11 0 8.360.020		1.0

May 9 2018 Hour: 23:27 12.6 Lat: 38.76N Lon: 7.77W Depth: 17F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

SW ESTREMOZ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	109	201	EP		2327	30.020	.160							1.0
MESJ	HN	109	201	ES		2327	42.46-	.020							1.0
MESJ	HN	109	201	IAML		2327	44.03		54	0.1					
MORF	HZ	179	206	EP		2327	38.48-	.170							1.0
MORF	HN	179	206	ES		2327	57.720	.020							1.0
MORF	HN	179	206	IAML		2328	3.58		44	0.2					

May 10 2018 Hour: 14: 8 36.7 Lat: 36.58N Lon: 71.02E Depth:196FAgency: IGL Distant
Magnitudes: 4.7Mb 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	6807	297	EP		1418	30.92-	.030							1.0
MESJ	BZ	6807	297	I Amb		1418	34.14		16	1.2					
MESJ	BZ	6807	297	EpP		1419	15.920	.030							1.0

May 10 2018 Hour: 14:36 13.3 Lat: 38.71N Lon: 7.89W Depth: 14F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

E ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	101	197	ES		1436	41.070	.130							1.0
MESJ	HN	101	197	IAML		1436	42.92		19	0.2					
MORF	HZ	170	203	EP		1436	38.36-	.150							1.0
MORF	HN	170	203	ES		1436	56.910	.020							1.0
MORF	HN	170	203	IAML		1437	1.73		24	0.2					

May 10 2018 Hour: 18: 2 29.4 Lat: 6.88N Lon: 123.82E Depth:541FAgency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs

MORO GULF, MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13022	319	EPKpdf			1820	12.630	.000							1.0
GGNV	BZ13033	320	EPKpdf			1820	12.810	.020							1.0
MORF	BZ13087	318	EPKpdf			1820	13.78-	.020							1.0

May 10 2018 Hour: 22:15 41.2 Lat: 22.31S Lon: 179.56W Depth:603FAgency: IGL Distant
Magnitudes: 4.7Mb IGL 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	BZ18116	24	EPKpdf			2234	34.49-	.030							1.0
MORF	BZ18149	26	EPKpdf			2234	34.890	.030							1.0

May 11 2018 Hour: 3:25 34.9 Lat: 36.24N Lon: 9.87W Depth: 26F 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	161	42	EP		325	57.85-	.060							1.0
MORF	HN	161	42	ES		326	14.760	.020							1.0
MORF	HE	161	42	IAML		326	15.84		5	0.1					
MESJ	HZ	230	39	EP		326	6.41-	.150							1.0
MESJ	HE	230	39	ES		326	29.880	.190							1.0
MESJ	HE	230	39	IAML		326	31.06		1	0.1					

May 11 2018 Hour: 5:5 16.8 Lat: 37.16N Lon: 8.37W Depth: 8F Agency: IGL Regional
 Magnitudes: 1.2ML IGL Rms: 0.1 secs
 SE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	30	303	EP		5 5	21.63	-.140							1.0
MORF	HN	30	303	ES		5 5	25.520	.110							1.0
MORF	HN	30	303	IAML		5 5	26.84			30	0.1				
MESJ	HE	77	10	ES		5 5	38.290	.030							1.0
MESJ	HN	77	10	IAML		5 5	40.40			10	0.1				

May 12 2018 Hour: 5:37 24.0 Lat: 36.58N Lon: 7.35W Depth: 1 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	141	305	EP		537	46.690	.060							1.0
MORF	HE	141	305	ES		538	3.06	-.110							1.0
MORF	HE	141	305	IAML		538	5.27			109	0.2				
MESJ	HZ	160	331	EPg		537	49.760	.030							1.0
MESJ	HE	160	331	ESg		538	8.570	.030							1.0
MESJ	HN	160	331	IAML		538	11.73			38	0.0				

May 13 2018 Hour: 5:56 32.5 Lat: 34.93N Lon: 6.25W Depth: 6F Agency: IGL Regional
 Magnitudes: 0.0ML IGL Rms: 0.0 secs
 MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	368	332	EP		557	23.110	.000							1.0

May 13 2018 Hour: 8:8 56.1 Lat: 34.87N Lon: 6.25W Depth: 5F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs
 MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	374	332	EP		8 9	47.630	.090							1.0
MESJ	HN	374	332	ES		810	24.98	-.090							1.0
MESJ	HN	374	332	IAML		810	29.27			1	0.2				

May 13 2018 Hour: 22:2 45.4 Lat: 36.36N Lon: 6.61W Depth: 26F Agency: IGL Regional
 Magnitudes: 0.9ML 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
MESJ	HZ	218	319	EP		22 3	15.560	.060							1.0
MESJ	HN	218	319	ES		22 3	37.44	-.060							1.0
MESJ	HN	218	319	IAML		22 3	37.98			0.80	0.1				

May 14 2018 Hour: 2:30 51.3 Lat: 36.55N Lon: 9.82W Depth: 13F Agency: IGL Regional
 Magnitudes: 1.8ML 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	134	51	EP		231	11.97	-.060							1.0
MORF	HN	134	51	ES		231	27.220	.030							1.0
MORF	HN	134	51	IAML		231	28.08			26	0.1				
MESJ	HZ	202	44	EP		231	20.470	.000							1.0
MESJ	HN	202	44	ES		231	41.810	.030							1.0
MESJ	HN	202	44	IAML		231	42.15			4	0.2				

May 14 2018 Hour: 12:54 4.1 Lat: 36.14N Lon: 8.56W Depth: 30F Agency: IGL Regional
 Magnitudes: 2.1ML 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	129	356	EP		1254	22.86	-.200							1.0
MORF	HN	129	356	ES		1254	36.86	-.020							1.0
MORF	HE	129	356	IAML		1254	38.08			29	0.2				
MESJ	HZ	191	9	EP		1254	30.800	.120							1.0
MESJ	HE	191	9	ES		1254	50.170	.120							1.0

MESJ HN 191 9 IAML 1254 50.93 14 0.3

May 14 2018 Hour: 20:139.9 Lat: 35.88N Lon: 17.87W Depth: 10F Agency: IGL Regional
Magnitudes: 3.4ML 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	840	76	EP		20 3	26.77	-.090							1.0
MORF	HE	840	76	ES		20 4	44.990	.030							1.0
MORF	HN	840	76	IAML		20 4	48.57		31	0.3					
MESJ	HZ	887	73	EP		20 3	32.39	-.050							1.0
MESJ	HN	887	73	ES		20 4	54.710	.110							1.0
MESJ	HN	887	73	IAML		20 5	1.52		20	0.4					

May 15 2018 Hour: 15:48 8.8 Lat: 12.78S Lon: 45.59E Depth: 17F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.0 secs

MAYOTTE REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7927	317	EP		1559	27.23	-.050							1.0
MORF	BE	7927	317	ES		16 8	44.63	-.050							1.0
MORF	BZ	7927	317	IAMs_20		1633	40.21		3922	13.7					
MESJ	BZ	7928	318	EP		1559	27.300	.020							1.0
MESJ	BE	7928	318	ES		16 8	44.710	.020							1.0
MESJ	BZ	7928	318	IAMs_20		1632	47.48		4238	20.9					
GGNV	BZ	8049	318	EP		1559	33.870	.060							1.0
GGNV	BN	8049	318	IAMs_20		1631	49.38		5779	19.2					

May 15 2018 Hour: 16:43 30.3 Lat: 35.89N Lon: 6.29W Depth: 32F Agency: IGL Regional
Magnitudes: 1.8ML 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	263	307	EP		1644	5.81	-.010							1.0
MORF	HE	263	307	ES		1644	31.56	-.170							1.0
MORF	HE	263	307	IAML		1644	33.08		6	0.1					
MESJ	HZ	276	322	EP		1644	7.620	.200							1.0
MESJ	HN	276	322	ES		1644	34.48	-.020							1.0
MESJ	HN	276	322	IAML		1644	36.00		4	0.1					

May 15 2018 Hour: 21:23 20.2 Lat: 36.68N Lon: 9.74W Depth: 17F Agency: IGL Regional
Magnitudes: 1.1ML 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	119	54	EP		2123	38.83	-.030							1.0
MORF	HN	119	54	ES		2123	52.500	.050							1.0
MORF	HN	119	54	IAML		2123	53.90		5	0.1					
MESJ	HZ	186	46	EP		2123	47.14	-.060							1.0
MESJ	HN	186	46	ES		2124	6.910	.040							1.0
MESJ	HE	186	46	IAML		2124	8.19		1	0.2					

May 15 2018 Hour: 23:7 10.8 Lat: 36.90N Lon: 8.68W Depth: 22F 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	HZ	45	3	EP		23 7	18.63	-.080							1.0
MORF	HE	45	3	ES		23 7	24.460	.000							1.0
MORF	HN	45	3	IAML		23 7	25.05		14	0.2					
MESJ	HE	112	21	ES		23 7	40.780	.080							1.0
MESJ	HE	112	21	IAML		23 7	42.80		0.60	0.1					

May 16 2018 Hour: 14:20 33.8 Lat: 18.42N Lon: 100.22W Depth: 81F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

GUERRERO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8934	54	EP		1432	36.200	.110							1.0
MORF	BZ	8934	54	IAMB		1432	40.75			97	1.5				
MESJ	BZ	8955	53	EP		1432	36.92	-.110							1.0
MESJ	BZ	8955	53	IAMB		1432	39.24			34	1.1				

May 16 2018 Hour: 17:22 13.2 Lat: 33.92S Lon: 179.54W Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	19004	56	EPKp \bar{d} f		1742	21.220	.110							1.0
GGNV	BZ	19004	56	EPP		1747	30.43	-.090							1.0
GGNV	BZ	19004	56	IAMs $\bar{2}$ 0		19 3	27.00			2581	21.4				
MORF	BZ	19110	63	EPKp \bar{d} f		1742	21.62	-.060							1.0
MORF	BZ	19110	63	EPP		1747	35.35	-.010							1.0
MORF	BZ	19110	63	IAMs $\bar{2}$ 0		1858	12.48			2183	32.1				
MESJ	BZ	19121	58	EPKp \bar{d} f		1742	21.700	.030							1.0
MESJ	BZ	19121	58	EPP		1747	35.800	.020							1.0
MESJ	BZ	19121	58	IAMs $\bar{2}$ 0		1857	2.09			1989	27.4				

May 16 2018 Hour: 21:18 38.9 Lat: 36.79N Lon: 13.79W Depth: 31F Agency: IGL Regional
Magnitudes: 2.9ML 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	461	81	EP		2119	37.96	0.12							1.0
MORF	HE	461	81	ES		2120	20.83	-0.06							1.0
MORF	HN	461	81	IAML		2120	24.24			59	0.2				
MESJ	HZ	507	75	EP		2119	43.55	0.08							1.0
MESJ	HE	507	75	ES		2120	30.47	-0.16							1.0
MESJ	HE	507	75	IAML		2120	34.27			11	0.2				

May 16 2018 Hour: 22:30 3.9 Lat: 36.46N Lon: 22.96E Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2762	283	EP		2235	26.470	.080							1.0
MESJ	BZ	2762	283	IAMB		2235	29.62			49	0.9				
MESJ	BN	2762	283	ES		2239	50.300	.030							1.0
MORF	BE	2807	281	ES		2239	56.73	-.100							1.0
GGNV	BE	2833	285	ES		2240	0.37	-.000							1.0

May 16 2018 Hour: 23:5 44.1 Lat: 35.72N Lon: 8.88W Depth: 30F 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	177	7	EP		23 6	9.070	.110							1.0
MORF	HE	177	7	ES		23 6	27.05	-.040							1.0
MORF	HN	177	7	IAML		23 6	27.92			2	0.1				
MESJ	HN	242	14	ES		23 6	41.03	-.080							1.0
MESJ	HE	242	14	IAML		23 6	43.26			1	0.1				

May 17 2018 Hour: 1:7 41.4 Lat: 42.42N Lon: 8.50W Depth: 20F Agency: IGL Regional
Magnitudes: 1.2ML 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	509	177	EP		1 8	47.820	.000							1.0

May 17 2018 Hour: 13:52 29.6 Lat: 37.21N Lon: 8.26W Depth: 19F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

N ALBUFEIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	36	287	EP		1352	36.02	-.040							1.0
MORF	HE	36	287	ES		1352	40.890	.080							1.0
MORF	HN	36	287	IAML		1352	41.30			11	0.1				
MESJ	HN	70	3	ES		1352	49.19	-.040							1.0
MESJ	HE	70	3	IAML		1352	50.50			2	0.1				

May 17 2018 Hour: 18: 6 2.6 Lat: 37.30N Lon: 8.54W Depth: 18F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 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	273	EP		18 6	5.990	.030							1.0
MORF	HE	10	273	ES		18 6	8.38	-.010							1.0
MORF	HE	10	273	IAML		18 6	8.96			5	0.1				
MESJ	HN	66	25	ES		18 6	21.26	-.030							1.0
MESJ	HN	66	25	IAML		18 6	22.77			2	0.2				

May 17 2018 Hour: 18:42 10.4 Lat: 42.71N Lon: 145.58E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

HOKKAIDO, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10710	339	EP			1855	38.97	-0.05							1.0
MESJ	BZ10710	339	EPP			1859	32.80	0.08							1.0
MESJ	BN10710	339	ESKSac			19 6	15.87	0.04							1.0
MESJ	BZ10710	339	IAMs_20			1945	53.92			3135	25.4				
MORF	BZ10779	340	EPP			1859	37.47	-0.07							1.0
MORF	BZ10779	340	IAMs_20			1946	39.35			2953	28.3				

May 17 2018 Hour: 19:28 13.3 Lat: 36.27N Lon: 0.15E Depth: 7F Agency: IGL Regional
Magnitudes: 3.0ML 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	765	286	EP		1929	51.71	-.020							1.0
MESJ	HN	765	286	ES		1931	3.59	-.020							1.0
MESJ	HN	765	286	IAML		1931	9.95			13	0.3				
MORF	HZ	794	281	EP		1929	55.270	.040							1.0

May 17 2018 Hour: 21:43 10.5 Lat: 32.08S Lon: 179.98W Depth: 238F Agency: IGL Distant
Rms: 0.0 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ19032	47	EPKPdf			22 2	49.670	.030							1.0
MORF	BZ19036	51	EPKPdf			22 2	49.69	-.030							1.0

May 18 2018 Hour: 1:45 31.9 Lat: 34.55S Lon: 178.42W Depth: 11F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18952	61	EPKPdf			2 5	39.40	-.010							1.0
GGNV	BZ18952	61	EPP			210	46.66	-.130							1.0
GGNV	BZ18952	61	IAMs_20			331	54.30			6318	23.1				
MORF	BZ19044	69	EPKPdf			2 5	40.010	.070							1.0
MORF	BZ19044	69	EPP			210	50.80	-.200							1.0
MORF	BN19044	69	ESS			231	57.610	.180							1.0
MORF	BZ19044	69	IAMs_20			320	17.25			3110	20.3				
MESJ	BZ19063	65	EPKPdf			2 5	40.010	.040							1.0
MESJ	BZ19063	65	EPP			210	51.65	-.130							1.0
MESJ	BN19063	65	ESS			231	59.160	.170							1.0
MESJ	BZ19063	65	IAMs_20			324	59.39			3438	19.8				

May 18 2018 Hour: 10:16 27.9 Lat: 38.83N Lon: 8.25W Depth: 19F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs
SW MORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	110	179	EP		1016	45.370	.170							1.0
MESJ	HN	110	179	ES		1016	57.65-	.170							1.0
MESJ	HE	110	179	IAML		1016	58.83			0.90	0.1				

May 18 2018 Hour: 10:53 55.3 Lat: 33.19S Lon: 15.95W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb 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	7836	6	EP		11 5	9.700	.010							1.0
MORF	BZ	7836	6	IAMB		11 5	10.05			14	0.9				

May 18 2018 Hour: 19:10 12.6 Lat: 36.57N Lon: 9.80W Depth: 11F Agency: IGL Regional
Magnitudes: 1.4ML 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	131	51	EP		1910	33.160	.000							1.0
MORF	HE	131	51	ES		1910	48.10-	.060							1.0
MORF	HE	131	51	IAML		1910	50.76			8	0.2				
MESJ	HN	199	44	ES		1911	2.890	.070							1.0
MESJ	HN	199	44	IAML		1911	3.33			2	0.4				

May 18 2018 Hour: 20:45 20.9 Lat: 37.24N Lon: 9.10W Depth: 29F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NW VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	80	EP		2045	28.58-	.010							1.0
MORF	HN	40	80	ES		2045	34.190	.010							1.0
MORF	HE	40	80	IAML		2045	34.90			13	0.2				
MESJ	HZ	102	49	EP		2045	36.38-	.150							1.0
MESJ	HN	102	49	ES		2045	48.050	.140							1.0
MESJ	HE	102	49	IAML		2045	49.28			2	0.1				

May 18 2018 Hour: 23:26 48.9 Lat: 37.01N Lon: 8.84W Depth: 18F Agency: IGL Regional
Magnitudes: 1.2ML 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	37	27	EP		2326	55.08-	.270							1.0
MORF	HN	37	27	ES		2327	0.160	.070							1.0
MORF	HN	37	27	IAML		2327	1.54			12	0.1				
MESJ	HZ	107	31	EP		2327	5.78-	.040							1.0
MESJ	HN	107	31	ES		2327	18.450	.260							1.0
MESJ	HN	107	31	IAML		2327	19.36			8	0.2				

May 18 2018 Hour: 23:45 25.3 Lat: 36.50N Lon: 9.01W Depth: 1F Agency: IGL Regional
Magnitudes: 1.5ML 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	95	20	EP		2345	40.56-	.050							1.0
MORF	HE	95	20	ES		2345	51.830	.050							1.0
MORF	HE	95	20	IAML		2345	53.18			12	0.2				

May 20 2018 Hour: 0:42 14.7 Lat: 21.02S Lon: 173.84W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.0 secs
TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17706	33	EPK	pdf		1 2	12.430	.010							1.0
MESJ	BZ17706	33	IAMs	_20		212	8.60			904	18.1				

May 20 2018 Hour: 5:10 33.5 Lat: 36.25N Lon: 9.79W Depth: 41F Agency: IGL Regional
Magnitudes: 1.4ML 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 155 41 EP 510 55.53-.010 1.0
 MORF HN 155 41 ES 511 11.680.020 1.0
 MORF HN 155 41 IAML 511 12.27 6 0.1
 MESJ HZ 225 38 EP 511 4.13-.060 1.0
 MESJ HE 225 38 ES 511 26.670.050 1.0
 MESJ HN 225 38 IAML 511 27.18 2 0.1

May 20 2018 Hour: 7:28 1.4 Lat: 36.63N Lon: 7.41W Depth: 20F Agency: IGL Regional
Magnitudes: 0.7ML 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
 MESJ HZ 152 332 EP 728 23.75-.070 1.0
 MESJ HE 152 332 ES 728 40.270.070 1.0
 MESJ HN 152 332 IAML 728 41.12 0.90 0.1

May 20 2018 Hour: 7:30 14.5 Lat: 36.82N Lon: 8.33W Depth: 6F 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 61 332 EP 730 24.35-.050 1.0
 MORF HN 61 332 ES 730 31.59-.020 1.0
 MORF HE 61 332 IAML 730 33.43 14 0.2
 MESJ HZ 114 5 EP 730 32.830.100 1.0
 MESJ HN 114 5 ES 730 45.99-.030 1.0
 MESJ HN 114 5 IAML 730 47.00 2 0.1

May 20 2018 Hour: 8:1 27.1 Lat: 12.78S Lon: 45.63E Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs
MAYOTTE REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 7931 318 EP 812 46.80-.000 1.0
 MESJ BZ 7931 318 IAMs_20 846 3.67 1501 21.7

May 20 2018 Hour: 11:51 9.2 Lat: 34.79N Lon: 14.91W Depth: 31F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
MADEIRA ISLANDS, PORTUGAL REGION Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 629 62 EP 1152 28.600.080 1.0
 MORF HE 629 62 ES 1153 26.20-.250 1.0
 MORF HE 629 62 IAML 1153 29.05 17 0.3
 MESJ HZ 689 59 EP 1152 35.940.280 1.0
 MESJ HE 689 59 ES 1153 38.71-.100 1.0
 MESJ HE 689 59 IAML 1153 43.11 4 0.1

May 20 2018 Hour: 17:36 45.6 Lat: 36.63N Lon: 9.74W Depth: 18F 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 122 52 EP 1737 4.37-.130 1.0
 MORF HE 122 52 ES 1737 18.440.120 1.0
 MORF HN 122 52 IAML 1737 19.16 3 0.1
 MESJ HZ 190 45 EP 1737 12.910.010 1.0

May 21 2018 Hour: 0:18 34.4 Lat: 34.23N Lon: 9.73E Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Ms 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	1664	289	EP		022	5.950	.050							1.0
MESJ	BZ	1664	289	IAMs_20		029	16.06			3611	13.0				
MORF	BZ	1694	287	EP		022	9.55-	.050							1.0
MORF	BE	1694	287	IAMs_20		029	8.22			2773	16.9				

May 21 2018 Hour: 16:52 0.7 Lat: 36.91N Lon: 8.90W Depth: 30F Agency: IGL Regional
Magnitudes: 1.4ML 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	49	27	EP		1652	9.43-	.070							1.0
MORF	HE	49	27	ES		1652	16.050	.120							1.0
MORF	HE	49	27	IAML		1652	16.54			20	0.1				
MESJ	HZ	119	30	EP		1652	18.30-	.050							1.0

May 21 2018 Hour: 17:45 55.4 Lat: 36.65N Lon: 11.12W Depth: 32F Agency: IGL Regional
Magnitudes: 2.0ML 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	231	71	EP		1746	26.990	.110							1.0
MORF	HN	231	71	ES		1746	49.74-	.150							1.0
MORF	HE	231	71	IAML		1746	50.98			14	0.2				
MESJ	HZ	289	62	EP		1746	34.080	.050							1.0
MESJ	HE	289	62	ES		1747	2.26-	.000							1.0
MESJ	HN	289	62	IAML		1747	5.60			4	0.1				

May 21 2018 Hour: 19:12 52.9 Lat: 6.47S Lon: 155.32E Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Ms IGL Rms: 0.1 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16136	339	EPKP			1932	29.32-	.110							1.0
MESJ	BZ16183	337	EPKP			1932	30.940	.110							1.0
MESJ	BZ16183	337	IAMs_20			2035	35.14			408	28.9				
MORF	BZ16253	337	EPKP			1932	31.56-	.000							1.0

May 21 2018 Hour: 21:32 2.0 Lat: 36.63N Lon: 9.82W Depth: 8F Agency: IGL Regional
Magnitudes: 1.4ML 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	128	54	EP		2132	22.26-	.060							1.0
MORF	HE	128	54	ES		2132	37.260	.100							1.0
MORF	HN	128	54	IAML		2132	39.05			8	0.2				
MESJ	HE	195	46	ES		2132	51.97-	.050							1.0
MESJ	HN	195	46	IAML		2132	53.28			3	0.2				

May 22 2018 Hour: 0:26 7.8 Lat: 12.97N Lon: 145.38E Depth: 16F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs
GUAM REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13770	335	EPKPdf			045	4.570	.060							1.0
MESJ	BZ13770	335	EPP			046	47.11-	.040							1.0
MESJ	BZ13770	335	IAMs_20			144	56.71			2260	21.7				
MORF	BZ13841	335	EPKPdf			045	5.830	.050							1.0
MORF	BZ13841	335	EPP			046	51.41-	.070							1.0
MORF	BE13841	335	IAMs_20			148	13.29			1517	16.7				

May 22 2018 Hour: 2:15 1.2 Lat: 37.06N Lon: 8.42W Depth: 1 Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
SE LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	323	EP		215	6.71	-.030							1.0
MORF	HE	34	323	ES		215	10.800	.030							1.0
MORF	HN	34	323	IAML		215	12.01			6	0.1				

May 22 2018 Hour: 5:41 28.2 Lat: 37.32N Lon: 8.55W Depth: 10F Agency: IGL Regional
Magnitudes: 0.5ML 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	9	259	EP		541	30.32	-.170							1.0
MORF	HE	9	259	ES		541	32.250	.110							1.0
MORF	HN	9	259	IAML		541	32.70			59	0.1				
MESJ	HZ	65	27	EP		541	38.780	.010							1.0
MESJ	HN	65	27	ES		541	46.520	.050							1.0
MESJ	HE	65	27	IAML		541	48.58			0.90	0.1				

May 22 2018 Hour: 15: 5 44.6 Lat: 36.32N Lon: 6.38W Depth: 30F 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
MESJ	HZ	235	316	EP		15	6	16.650	.080						1.0
MESJ	HN	235	316	ES		15	6	39.84	-.080						1.0
MESJ	HN	235	316	IAML		15	6	41.38			2	0.1			

May 22 2018 Hour: 18:21 10.5 Lat: 37.08N Lon: 5.40W Depth: 1 Agency: IGL Regional
Magnitudes: 1.1ML 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	263	290	EP		1821	48.600	.000							1.0
MESJ	HN	263	290	ES		1822	16.37	-.000							1.0
MESJ	HE	263	290	IAML		1822	19.00			1	0.5				

May 22 2018 Hour: 19:30 53.8 Lat: 17.81S Lon: 172.97W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.0 secs
TONGA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	17358	31	EPK	pdf	1950	47.660	.030							1.0
MESJ	BZ	17358	31	EPP		1954	52.63	-.030							1.0
MESJ	BZ	17358	31	IAMs	_20	2051	55.75			442	19.0				

May 22 2018 Hour: 22:12 20.9 Lat: 8.91S Lon: 80.29W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.0 secs
OFF COAST OF NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9023	50	EP		2224	36.490	.020							1.0
MORF	BZ	9023	50	IAMB		2224	46.09			54	1.3				
GGNV	BZ	9032	49	EP		2224	36.830	.030							1.0
GGNV	BZ	9032	49	IAMB		2224	48.64			49	0.7				
MESJ	BZ	9078	50	EP		2224	38.98	-.050							1.0
MESJ	BZ	9078	50	IAMB		2224	53.62			33	1.6				
MESJ	BN	9078	50	ES		2234	51.800	.000							1.0

May 23 2018 Hour: 1:37 49.6 Lat: 55.27N Lon: 161.92E Depth: 59F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.0 secs
NEAR EAST COAST OF KAMCHATKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9560	353	EP		150	23.250	.010							1.0
GGNV	BZ	9560	353	IAMs	_20	235	4.03			1559	18.3				
MESJ	BZ	9649	352	EP		150	27.220	.000							1.0
MESJ	BN	9649	352	ESK	Sac	2	0	48.930	.050						1.0

MESJ BZ 9649 352 IAMS_20 237 44.76 1104 21.6
MORF BZ 9712 352 EP 150 29.93-.070 1.0
MORF BZ 9712 352 IAMS_20 227 13.14 1293 18.2

**May 23 2018 Hour: 5:44 43.5 Lat: 7.40N Lon: 36.21W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Ms IGL Rms: 0.0 secs**

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4329	36	EP		552	9.28-	.100							1.0
MORF	BE	4329	36	ES		558	8.670.	0.030							1.0
MORF	BE	4329	36	IAMS_20		6 2	55.16		3489	28.4					
MESJ	BZ	4398	36	EP		552	14.46-	.010							1.0
MESJ	BE	4398	36	ES		558	17.840.	0.030							1.0
MESJ	BZ	4398	36	IAMS_20		6 3	1.34		3308	29.0					
GGNV	BE	4407	34	ES		558	19.020.	0.040							1.0
GGNV	BN	4407	34	IAMS_20		6 4	30.95		3233	16.2					

**May 23 2018 Hour: 11:55 34.7 Lat: 38.32N Lon: 7.92W Depth: 0 Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs**

E VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	60	206	EP		1155	44.14-	.160							1.0
MESJ	HN	60	206	ES		1155	51.300.	0.000							1.0
MESJ	HN	60	206	IAML		1155	52.24		1	0.1					
MORF	HZ	130	210	EP		1155	55.820.	0.170							1.0

**May 23 2018 Hour: 12:42 42.5 Lat: 7.02N Lon: 82.95W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs**

SOUTH OF PANAMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8159	53	EP		1254	14.450.	0.010							1.0
MORF	BZ	8159	53	IAMB		1254	18.19		23	1.1					

**May 23 2018 Hour: 19:30 6.6 Lat: 37.35N Lon: 8.51W Depth: 14F Agency: IGL Regional
Magnitudes: 0.3ML 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	14	248	EP		1930	9.850.	0.020							1.0
MORF	HE	14	248	ES		1930	12.13-	.020							1.0
MORF	HE	14	248	IAML		1930	12.38		8	0.2					

**May 24 2018 Hour: 1:45 14.9 Lat: 12.30S Lon: 71.66W Depth: 32F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs**

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8563	47	EP		157	4.530.	0.010							1.0
MORF	BZ	8563	47	IAMB		157	7.11		11	0.9					
MESJ	BZ	8624	47	EP		157	7.51-	.010							1.0
MESJ	BZ	8624	47	IAMB		157	11.08		12	1.2					

**May 24 2018 Hour: 13:9 4.8 Lat: 36.69N Lon: 11.19W Depth: 31F Agency: IGL Regional
Magnitudes: 1.5ML 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	72	EP		13 9	36.09-	.030							1.0
MORF	HE	236	72	ES		13 9	58.96-	.050							1.0
MORF	HE	236	72	IAML		1310	0.77		3	0.2					
MESJ	HZ	293	63	EP		13 9	43.220.	0.080							1.0

May 24 2018 Hour: 14:48 51.3 Lat: 21.26S Lon: 178.19W Depth:468F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17952	26	EP	KP	f	15	7	56.970	.080						1.0
MESJ	BZ17952	26	EP	K	P	ab	15	8	44.51	-.060					1.0
MORF	BZ17983	27	EP	K	P	f	15	7	57.410	.180					1.0
MORF	BZ17983	27	EP	K	P	ab	15	8	45.66	-.190					1.0

May 24 2018 Hour: 19:34 38.0 Lat: 36.96N Lon: 8.67W Depth: 7F Agency: IGL Regional
Magnitudes: 0.5ML 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	38	2	EP		1934	44.440	.120							1.0
MORF	HE	38	2	ES		1934	48.80	-.120							1.0
MORF	HE	38	2	IAML		1934	49.06			4	0.2				

May 24 2018 Hour: 23:11 47.1 Lat: 0.79N Lon: 29.53W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4578	26	EP		2319	31.51	-.080							1.0
MORF	BZ	4578	26	I	Amb	2319	32.81			33	1.0				
MORF	BN	4578	26	ES		2325	45.74	-.050							1.0
MESJ	BZ	4649	26	EP		2319	36.820	.070							1.0
MESJ	BZ	4649	26	I	Amb	2319	39.36			18	1.3				
MESJ	BN	4649	26	ES		2325	55.190	.070							1.0

May 24 2018 Hour: 23:51 39.7 Lat: 37.80N Lon: 9.36W Depth: 0 Agency: IGL Regional
Magnitudes: 1.7ML 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	83	131	EP		2351	53.200	.020							1.0
MORF	HE	83	131	ES		2352	2.90	-.080							1.0
MORF	HE	83	131	IAML		2352	4.61			23	0.2				
MESJ	HN	100	87	ES		2352	7.840	.060							1.0
MESJ	HN	100	87	IAML		2352	9.19			15	0.2				

May 25 2018 Hour: 7: 2 24.5 Lat: 34.54N Lon: 5.70W Depth: 6F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	406	320	EP		7	3	19.66	-.150						1.0
MORF	HN	406	320	ES		7	4	0.270	.050						1.0
MORF	HN	406	320	IAML		7	4	2.30			2	0.2			
MESJ	HZ	431	329	EP		7	3	22.870	.100						1.0

May 25 2018 Hour: 12:31 23.8 Lat: 38.16N Lon: 8.51W Depth: 1F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	44	144	EP		1231	30.950	.060							1.0
MESJ	HE	44	144	ES		1231	35.98	-.060							1.0
MESJ	HN	44	144	IAML		1231	39.44			2	0.1				

May 26 2018 Hour: 8:58 38.6 Lat: 36.00N Lon: 8.71W Depth: 20F 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	145	2	EP		859	0.10	-.090							1.0
MORF	HE	145	2	ES		859	15.930	.000							1.0
MORF	HN	145	2	IAML		859	18.75			15	0.0				
MESJ	HZ	209	12	EP		859	8.170	.070							1.0

MESJ HN	209	12	ES			859	29.620	.010										1.0
MESJ HN	209	12	IAML			859	32.57			3	0.4							

May 26 2018 Hour: 16:37 38.8 Lat: 37.33N Lon: 8.62W Depth: 14F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 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		1637	41.25	-.010						1.0
MORF HN		4	225	ES		1637	43.030	.010						1.0
MORF HN		4	225	IAML		1637	43.24			121	0.1			

May 26 2018 Hour: 17:35 53.9 Lat: 37.06N Lon: 8.37W Depth: 16F Agency: IGL Regional
Magnitudes: 0.5ML 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		37	317	EP		1736	0.31	-.050						1.0
MORF HN		37	317	ES		1736	5.100	.050						1.0
MORF HN		37	317	IAML		1736	6.61			4	0.2			

May 26 2018 Hour: 18:58 16.7 Lat: 38.06N Lon: 2.18W Depth: 11F Agency: IGL Regional
Magnitudes: 0.5ML 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		531	269	EP		1859	26.760	.050						1.0
MORF HZ		577	264	EP		1859	32.21	-.060						1.0

May 27 2018 Hour: 23:5 51.4 Lat: 36.60N Lon: 7.50W Depth: 19F Agency: IGL Regional
Magnitudes: 0.9ML 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
MESJ HZ		152	335	EP		23	6	13.69	-.150					1.0
MESJ HN		152	335	ES		23	6	30.390	.150					1.0
MESJ HE		152	335	IAML		23	6	31.80		1	0.1			

May 28 2018 Hour: 18:1 48.2 Lat: 37.32N Lon: 8.47W Depth: 11F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		16	264	EP		18	1	51.43	-.030					1.0
MORF HE		16	264	ES		18	1	53.850	.030					1.0
MORF HN		16	264	IAML		18	1	54.55		800	0.3			
MESJ HZ		62	21	EP		18	1	58.33	-.000					1.0

May 29 2018 Hour: 1:30 18.3 Lat: 27.34S Lon: 176.70W Depth: 162F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs
KERMADEC ISLANDS REGION Net: NEIC

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ18437		40	EPKpdf		150	2.93	-.060							1.0
MESJ BZ18437		40	EPP		154	51.190	.100							1.0
MESJ BZ18437		40	IAMs_20		315	15.95			447	11.3				
MORF BZ18449		42	EPKpdf		150	3.09	-.040							1.0
MORF BZ18449		42	IAMs_20		3	4	38.31		1353	42.1				

May 29 2018 Hour: 18:30 5.5 Lat: 37.06N Lon: 8.97W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
SW VILA DO BISPO, PORTUGAL Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		39	46	EP		1830	12.130	.000						1.0
MORF HN		39	46	ES		1830	16.99	-.000						1.0
MORF HE		39	46	IAML		1830	17.93			9	0.2			

May 29 2018 Hour: 21:21 21.9 Lat: 37.85N Lon: 3.25W Depth: 1 Agency: IGL Regional
Magnitudes: 2.0ML 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		2122	21.600	.000							1.0
MESJ	HE	438	271	ES		2123	5.17	-.010							1.0
MESJ	HN	438	271	IAML		2123	8.31		4	0.2					
MORF	HZ	481	264	EP		2122	26.920	.010							1.0

May 30 2018 Hour: 2:32 50.5 Lat: 15.71S Lon: 167.73E Depth:129FAgency: IGL Distant
Magnitudes: 0.0ML IGL Rms: 0.0 secs
VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17547	352		EP	KPab	253	4.400	.010							1.0
MORF	BZ17613	352		EP	KPab	253	6.98	-.010							1.0

May 30 2018 Hour: 5:36 24.1 Lat: 36.09N Lon: 7.98W Depth: 7F 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	HZ	148	336	EP		536	47.20	-.010							1.0
MESJ	HE	195	354	ES		537	14.290	.010							1.0
MESJ	HN	195	354	IAML		537	15.42		1	0.2					

May 30 2018 Hour: 10:30 43.4 Lat: 76.30N Lon: 1.98W Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs
GREENLAND SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4290	188	EP		1038	6.480	.000							1.0
MESJ	BZ	4290	188	I	Amb	1038	8.31		27	1.5					
MESJ	BN	4290	188	ES		1044	3.540	.010							1.0
MORF	BZ	4351	188	EP		1038	11.11	-.010							1.0
MORF	BZ	4351	188	I	Amb	1038	11.89		15	0.9					

May 30 2018 Hour: 14:38 31.4 Lat: 36.92N Lon: 8.73W Depth: 29F 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	43	9	EP		1438	39.28	-.170							1.0
MORF	HN	43	9	ES		1438	45.490	.190							1.0
MORF	HE	43	9	I	A	1438	45.73		17	0.1					
MESJ	HZ	112	24	EP		1438	48.06	-.110							1.0
MESJ	HN	112	24	ES		1439	0.480	.080							1.0
MESJ	HN	112	24	I	A	1439	1.87		3	0.2					

May 30 2018 Hour: 18:52 0.2 Lat: 41.47N Lon: 15.81W Depth: 29F Agency: IGL Regional
Magnitudes: 1.8ML 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	HN	766	119	ES		1854	47.230	.040							1.0
MESJ	HE	766	119	I	A	1854	48.46		0.60	0.2					
MORF	HZ	770	125	EP		1853	37.380	.040							1.0
MORF	HE	770	125	ES		1854	48.13	-.080							1.0
MORF	HE	770	125	I	A	1854	49.54		1	0.1					

May 30 2018 Hour: 21:48 9.4 Lat: 37.34N Lon: 8.49W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML 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	15	255	EP		2148	12.39	-.090							1.0
MORF	HE	15	255	ES		2148	14.720	.010							1.0
MORF	HN	15	255	I	A	2148	15.46		31	0.1					
MESJ	HZ	60	23	EP		2148	19.390	.080							1.0

May 31 2018 Hour: 2:41 37.7 Lat: 38.78N Lon: 7.98W Depth: 10F Agency: IGL Regional
Magnitudes: 0.7ML 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	106	191	EP		241	54.50	-.070							1.0
MESJ	HN	106	191	ES		242	7.000	.070							1.0
MESJ	HN	106	191	IAML		242	8.28			2	0.2				

May 31 2018 Hour: 8:21 56.2 Lat: 37.35N Lon: 8.69W Depth: 16F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs
NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	147	EP		821	58.73	-.250							1.0
MORF	HE	6	147	ES		822	1.00	-.020							1.0
MORF	HE	6	147	IAML		822	1.43			119	0.1				
MESJ	HZ	68	37	EP		822	7.370	.120							1.0
MESJ	HE	68	37	ES		822	15.490	.160							1.0
MESJ	HN	68	37	IAML		822	17.55			7	0.2				

May 31 2018 Hour: 11:39 44.7 Lat: 42.36N Lon: 29.34W Depth: 10F Agency: IGL Distant
Magnitudes: 4.2Mb 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	1864	99	EP		1143	39.57	-.030							1.0
MESJ	BZ	1864	99	IAMB		1143	43.30			25	1.2				

May 31 2018 Hour: 18:25 10.6 Lat: 37.02N Lon: 9.50W Depth: 25F Agency: IGL Regional
Magnitudes: 1.1ML 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	82	67	EP		1825	23.63	-.060							1.0
MORF	HN	82	67	ES		1825	33.270	.010							1.0
MORF	HN	82	67	IAML		1825	34.47			12	0.2				
MESJ	HN	145	51	ES		1825	47.290	.050							1.0
MESJ	HE	145	51	IAML		1825	48.10			1	0.2				

May 31 2018 Hour: 19:54 44.5 Lat: 33.02N Lon: 5.04W Depth: 11F Agency: IGL Regional
Magnitudes: 2.4ML 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	578	326	EP		1956	0.220	.010							1.0
MORF	HN	578	326	ES		1956	55.520	.060							1.0
MORF	HN	578	326	IAML		1957	1.89			10	0.5				
MESJ	HZ	608	333	EP		1956	3.72	-.040							1.0
MESJ	HE	608	333	ES		1957	1.57	-.040							1.0
MESJ	HN	608	333	IAML		1957	5.77			3	0.6				

June 1 2018 Hour: 1:17 10.7 Lat: 37.29N Lon: 8.57W Depth: 8F Agency: IGL Regional
Magnitudes: 0.7ML 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	8	282	EP		117	12.42	-.130							1.0
MORF	HE	8	282	ES		117	13.950	.060							1.0
MORF	HE	8	282	IAML		117	14.44			78	0.2				
MESJ	HE	68	27	ES		117	30.000	.070							1.0
MESJ	HE	68	27	IAML		117	31.04			2	0.3				

June 1 2018 Hour: 2:40 32.9 Lat: 38.79N Lon: 7.99W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
NARRAIOSLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	191	EP		240	49.990	.040							1.0
MESJ	HE	107	191	ES		241	2.32	-.040							1.0
MESJ	HN	107	191	IAML		241	3.81			1	0.2				

June 1 2018 Hour: 4:52 31.0 Lat: 33.06S Lon: 179.40W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.0 secs
SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19053		58	EPKp \bar{d} f		512	39.18	-.040							1.0
MORF	BZ19053		58	EPP		517	50.53	-.030							1.0
MORF	BE19053		58	IAMs_20		630	12.40			981	15.1				
MESJ	BZ19058		54	EPKp \bar{d} f		512	39.18	-.010							1.0
MESJ	BZ19058		54	EPP		517	50.82	0.080							1.0
MESJ	BZ19058		54	IAMs_20		621	58.98			745	17.9				

June 1 2018 Hour: 17:22 48.7 Lat: 37.98N Lon: 8.92W Depth: 14F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	64	104	EP		1722	58.82	-.140							1.0
MESJ	HE	64	104	ES		1723	6.51	0.020							1.0
MESJ	HE	64	104	IAML		1723	7.78			75	0.2				
MORF	HZ	79	162	EP		1723	1.27	0.000							1.0
MORF	HN	79	162	ES		1723	10.57	0.100							1.0
MORF	HN	79	162	IAML		1723	12.68			185	0.1				
GGNV	HE	84	346	ES		1723	11.91	0.030							1.0
GGNV	HE	84	346	IAML		1723	14.09			212	0.2				

June 1 2018 Hour: 21:4 34.5 Lat: 38.78N Lon: 7.95W Depth: 9F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
NE ARRAIOSLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	193	EP		21 4	51.53	-.020							1.0
MESJ	HE	107	193	ES		21 5	4.02	0.020							1.0
MESJ	HE	107	193	IAML		21 5	4.88			1.00	0.2				

June 2 2018 Hour: 2:17 20.2 Lat: 35.73N Lon: 1.73W Depth: 24F Agency: IGL Regional
Magnitudes: 0.0ML 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	625	294	EP		218	40.38	-.010							1.0

June 2 2018 Hour: 6:23 42.3 Lat: 35.75N Lon: 8.98W Depth: 27F 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	175	10	EP		624	7.13	0.010							1.0
MORF	HN	175	10	ES		624	25.28	0.070							1.0
MORF	HE	175	10	IAML		624	26.56			13	0.1				
MESJ	HE	242	16	ES		624	39.40	-.080							1.0
MESJ	HE	242	16	IAML		624	40.97			2	0.0				

June 2 2018 Hour: 11:53 7.6 Lat: 14.78S Lon: 173.11W Depth: 50F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs
SAMOA ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17074		27	EPKp \bar{d} f		1212	52.03	0.090							1.0
MESJ	BZ17074		27	IAMs_20		1313	59.94			3570	27.9				
MORF	BZ17101		29	EPKp \bar{d} f		1212	52.25	-.090							1.0

MORF BZ17101 29 IAMs_20 1314 54.45 3570 38.9

**June 2 2018 Hour: 13: 9 48.4 Lat: 36.51N Lon: 7.99W Depth: 15F Agency: IGL Regional
Magnitudes: 1.4ML 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	106	326	EP		1310	5.220	.060							1.0
MORF	HE	106	326	ES		1310	17.430	.020							1.0
MORF	HN	106	326	IAML		1310	18.88		11	0.2					
MESJ	HZ	149	352	EP		1310	10.64	-.210							1.0
MESJ	HN	149	352	ES		1310	27.370	.120							1.0
MESJ	HE	149	352	IAML		1310	28.20		3	0.1					

**June 2 2018 Hour: 16:29 3.1 Lat: 4.57N Lon: 126.69E Depth: 41F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs**

KEPULAUAN TALAUD, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13424	319	EPK	pdf		1647	50.210	.030							1.0
MESJ	BZ13424	319	EPP			1649	17.80	-.030							1.0
MESJ	BZ13424	319	IAMs_20			1742	13.93		609	19.8					

**June 2 2018 Hour: 19:24 17.1 Lat: 37.19N Lon: 9.16W Depth: 30F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs**

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	47	74	EP		1924	25.670	.030							1.0
MORF	HE	47	74	ES		1924	31.79	-.070							1.0
MORF	HE	47	74	IAML		1924	32.40		4	0.1					
MESJ	HZ	110	49	EP		1924	33.660	.060							1.0
MESJ	HN	110	49	ES		1924	45.61	-.010							1.0
MESJ	HE	110	49	IAML		1924	46.42		1	0.2					

**June 3 2018 Hour: 0:48 9.2 Lat: 19.40S Lon: 173.68W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs**

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17420	32	EPK	pdf		1 8	3.810	.110							1.0
GGNV	BZ17420	32	IAMs_20			222	23.73		814	19.4					
MESJ	BZ17547	32	EPK	pdf		1 8	5.190	.000							1.0
MESJ	BZ17547	32	EPP			112	17.41	-.020							1.0
MESJ	BZ17547	32	IAMs_20			224	4.73		897	15.1					
MORF	BZ17568	33	EPK	pdf		1 8	5.490	.010							1.0
MORF	BZ17568	33	EPP			112	18.44	-.100							1.0
MORF	BZ17568	33	IAMs_20			227	45.76		859	20.3					

**June 3 2018 Hour: 4: 9 49.0 Lat: 36.58N Lon: 8.22W Depth: 23F 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	89	335	EP		410	3.14	-.110							1.0
MORF	HE	89	335	ES		410	13.890	.210							1.0
MORF	HE	89	335	IAML		410	17.02		15	0.1					
MESJ	HZ	140	360	EP		410	9.69	-.180							1.0
MESJ	HN	140	360	ES		410	25.200	.080							1.0
MESJ	HN	140	360	IAML		410	26.00		2	0.1					

**June 3 2018 Hour: 5:14 27.2 Lat: 36.90N Lon: 8.77W Depth: 29F Agency: IGL Regional
Magnitudes: 3.0ML 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	46	13	EP		514	35.47	-.140							1.0
MORF	HE	46	13	ES		514	41.800	.080							1.0
MORF	HE	46	13	IAML		514	42.08		1218	0.2					
MESJ	HZ	115	25	EP		514	44.21	-.200							1.0

MESJ HE	115	25	ES	514	57.100.160												1.0
MESJ HN	115	25	IAML	514	57.75				188	0.3							
GGNV HE	204	351	ES	515	16.200.100												0.9
GGNV HE	204	351	IAML	515	18.34				113	0.1							

June 3 2018 Hour: 6:10 0.9 Lat: 37.09N Lon: 8.40W Depth: 20F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		33	317	EP		610	6.76	-.200							1.0
MORF HE		33	317	ES		610	11.460	.060							1.0
MORF HE		33	317	IAML		610	11.89			8	0.3				
MESJ HZ		85	11	EP		610	14.630	.140							1.0
MESJ HN		85	11	ES		610	24.430	.010							1.0
MESJ HN		85	11	IAML		610	25.85			2	0.2				

June 3 2018 Hour: 9:13 21.8 Lat: 18.94N Lon: 69.61W Depth: 83F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

DOMINICAN REPUBLIC Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ		6257	57	EP		922	53.41	0.03							1.0
MESJ BZ		6257	57	IAMB		922	54.87			7	0.7				

June 3 2018 Hour: 12:41 31.3 Lat: 35.08N Lon: 13.68W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 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		515	60	EP		1242	40.22	-.240							1.0
MORF HE		515	60	ES		1243	30.960	.010							1.0
MORF HE		515	60	IAML		1243	33.84			11	0.1				
MESJ HZ		577	56	EP		1242	47.980	.020							1.0
MESJ HN		577	56	ES		1243	44.140	.220							1.0
MESJ HN		577	56	IAML		1243	45.35			1	0.1				

June 3 2018 Hour: 16:37 12.2 Lat: 37.37N Lon: 8.50W Depth: 19F Agency: IGL Regional
Magnitudes: 1.2ML 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	242	EP		1637	16.170	.000							1.0
MORF HN		15	242	ES		1637	19.03	-.000							1.0
MORF HN		15	242	IAML		1637	19.55			42	0.4				

June 4 2018 Hour: 4:30 53.9 Lat: 36.54N Lon: 9.78W Depth: 24F 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		131	49	EP		431	13.710	.200							1.0
MORF HE		131	49	ES		431	27.63	-.170							1.0
MORF HE		131	49	IAML		431	29.37			3	0.1				
MESJ HZ		200	43	EP		431	21.90	-.090							1.0
MESJ HN		200	43	ES		431	42.530	.060							1.0
MESJ HN		200	43	IAML		431	45.45			2	0.2				

June 4 2018 Hour: 5:51 53.0 Lat: 36.78N Lon: 7.30W Depth: 24F Agency: IGL Regional
Magnitudes: 1.0ML 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
MESJ HZ		143	326	EP		552	13.81	-.150							1.0
MESJ HN		143	326	ES		552	29.440	.150							1.0
MESJ HN		143	326	IAML		552	30.28			2	0.1				

June 4 2018 Hour: 7: 6 48.5 Lat: 37.18N Lon: 8.72W Depth: 11F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs
NW LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	23	EP		7 6	51.44	-.090							1.0
MORF	HE	15	23	ES		7 6	53.86	0.090							1.0
MORF	HE	15	23	IAML		7 6	54.24			7	0.1				

June 4 2018 Hour: 18:25 37.7 Lat: 37.06N Lon: 14.41W Depth: 59F Agency: IGL Regional
Magnitudes: 2.5ML 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	512	85	EP		1826	43.13	-.050							1.0
MORF	HE	512	85	ES		1827	31.03	0.040							1.0
MORF	HE	512	85	IAML		1827	32.53			7	0.1				
MESJ	HZ	554	79	EP		1826	48.13	-.060							1.0
MESJ	HN	554	79	ES		1827	39.71	0.060							1.0
MESJ	HN	554	79	IAML		1827	45.10			7	0.3				

June 4 2018 Hour: 18:24 38.7 Lat: 7.05S Lon: 123.20E Depth: 629F Agency: IGL Distant
Rms: 0.0 secs
BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14078	312		EPKP		1842	31.26	-.050							1.0
MORF	BZ14136	312		EPKP		1842	32.40	0.050							1.0

June 4 2018 Hour: 22:11 43.7 Lat: 32.43N Lon: 4.45W Depth: 14F Agency: IGL Regional
Magnitudes: 4.0ML IGL Rms: 0.1 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	663	326	EP		2213	9.33	-.110							1.0
MORF	HN	663	326	ES		2214	12.04	0.020							1.0
MORF	HE	663	326	IAML		2214	17.88			196	0.3				
MESJ	HZ	691	331	EP		2213	12.80	-.020							1.0
MESJ	HE	691	331	ES		2214	17.99	0.120							1.0
MESJ	HN	691	331	IAML		2214	23.03			129	0.5				

June 4 2018 Hour: 22:29 35.3 Lat: 37.25N Lon: 7.48W Depth: 8F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
NW CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	93	315	EP		2229	50.15	-.040							1.0
MESJ	HN	93	315	ES		2230	1.11	0.040							1.0
MESJ	HE	93	315	IAML		2230	4.32			4	0.2				
MORF	HZ	104	274	EP		2229	51.97	-.000							1.0

June 5 2018 Hour: 1:22 59.9 Lat: 37.08N Lon: 8.75W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML 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	26	19	EP		123	4.47	-.110							1.0
MORF	HN	26	19	ES		123	8.06	0.040							1.0
MORF	HN	26	19	IAML		123	8.54			22	0.2				
MESJ	HZ	96	29	EP		123	15.24	0.070							1.0
MESJ	HN	96	29	ES		123	26.34	0.010							1.0
MESJ	HN	96	29	IAML		123	28.41			2	0.1				

June 5 2018 Hour: 2:38 40.0 Lat: 35.90N Lon: 9.79W Depth: 8F Agency: IGL Regional
Magnitudes: 1.4ML 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	186	33	EP		239	7.780	.000							1.0
MORF	HE	186	33	ES		239	28.02	-.050							1.0
MORF	HE	186	33	IAML		239	28.56			9	0.1				
MESJ	HZ	257	33	EP		239	16.51	-.010							1.0
MESJ	HN	257	33	ES		239	43.250	.060							1.0
MESJ	HE	257	33	IAML		239	44.24			0.80	0.3				

June 5 2018 Hour: 3: 5 35.6 Lat: 36.75N Lon: 7.62W Depth: 26F 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	HE	111	304	ES		3 6	4.820	.070							1.0
MORF	HE	111	304	IAML		3 6	5.13			5	0.2				
MESJ	HZ	132	336	EP		3 5	54.98	-.110							1.0
MESJ	HN	132	336	ES		3 6	9.350	.030							1.0
MESJ	HN	132	336	IAML		3 6	11.84			3	0.2				

June 5 2018 Hour: 3:42 36.4 Lat: 36.68N Lon: 7.98W Depth: 3F 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	92	319	EP		342	51.15	-.060							1.0
MORF	HN	92	319	ES		343	2.130	.130							1.0
MESJ	HZ	130	351	EP		342	57.14	-.220							1.0
MESJ	HE	130	351	ES		343	12.790	.140							1.0
MESJ	HN	130	351	IAML		343	14.84			4	0.1				

June 5 2018 Hour: 8:52 40.0 Lat: 36.54N Lon: 22.61E Depth: 12F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2729	282	EP		857	59.46	-.010							1.0
MESJ	BZ	2729	282	IAMB		858	4.55			21	0.8				
MESJ	BE	2729	282	ES		9 2	21.140	.010							1.0

June 5 2018 Hour: 18:40 27.6 Lat: 41.61N Lon: 46.85E Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Ms IGL Rms: 0.1 secs

AZERBAIJAN Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4660	284	EP		1848	18.29	-.010							1.0
MESJ	BN	4660	284	ES		1854	37.27	-.200							1.0
MESJ	BZ	4660	284	IAMs_20		1910	10.52			1042	21.4				
MORF	BZ	4718	283	EP		1848	22.740	.080							1.0
MORF	BE	4718	283	ES		1854	45.470	.120							1.0
MORF	BZ	4718	283	IAMs_20		1910	35.38			1349	21.1				

June 6 2018 Hour: 2:23 56.3 Lat: 36.63N Lon: 11.23W Depth: 18F Agency: IGL Regional
Magnitudes: 1.4ML 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	241	71	EP		224	30.130	.050							1.0
MORF	HE	241	71	ES		224	54.760	.060							1.0
MORF	HN	241	71	IAML		224	56.00			6	0.1				
MESJ	HZ	299	62	EP		224	37.210	.020							1.0
MESJ	HE	299	62	ES		225	6.87	-.140							1.0
MESJ	HE	299	62	IAML		225	7.55			0.70	0.2				

June 6 2018 Hour: 7:46 13.0 Lat: 37.13N Lon: 8.03W Depth: 19F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.2 secs
SE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	289	EP		746	22.40	-.290							1.0
MORF	HN	59	289	ES		746	29.850	.080							1.0
MORF	HE	59	289	IAML		746	30.69			89	0.2				
MESJ	HZ	81	348	EP		746	26.090	.150							1.0
MESJ	HE	81	348	ES		746	35.460	.060							1.0
MESJ	HN	81	348	IAML		746	37.47			18	0.1				

June 6 2018 Hour: 18:15 49.4 Lat: 35.74N Lon: 78.34E Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
KASHMIR-XINJIANG BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7428	301	EP		1826	41.390	.030							1.0
MESJ	BZ	7428	301	IAMB		1826	42.30			12	1.1				

June 6 2018 Hour: 18:51 35.1 Lat: 58.38S Lon: 25.74W Depth: 31F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs
SOUTH SANDWISH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10769	14		EP		19	5	2.25	-.010						1.0
MESJ	BZ10769	14		IAMB		19	5	6.41			17	1.1			

June 7 2018 Hour: 0:54 58.0 Lat: 37.96N Lon: 8.35W Depth: 15F Agency: IGL Regional
Magnitudes: 0.6ML 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	18	139	EP		055	1.70	-.050							1.0
MESJ	HE	18	139	ES		055	4.540	.080							1.0
MESJ	HE	18	139	IAML		055	5.17			7	0.1				
MORF	HN	78	200	ES		055	19.56	-.030							1.0
MORF	HN	78	200	IAML		055	20.79			4	0.2				

June 7 2018 Hour: 3:14 40.5 Lat: 37.34N Lon: 8.54W Depth: 6F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.2 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	248	EP		314	42.19	-.300							1.0
MORF	HE	11	248	ES		314	44.120	.140							1.0
MORF	HN	11	248	IAML		314	44.43			37	0.2				
MESJ	HZ	62	27	EP		314	50.650	.100							1.0
MESJ	HE	62	27	ES		314	57.980	.070							1.0
MESJ	HE	62	27	IAML		315	0.79			1.00	0.1				

June 7 2018 Hour: 4:38 58.2 Lat: 37.41N Lon: 9.08W Depth: 30F 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	40	107	EP		439	5.920	.030							1.0
MORF	HN	40	107	ES		439	11.44	-.030							1.0
MORF	HN	40	107	IAML		439	12.08			6	0.1				

June 7 2018 Hour: 4:46 40.2 Lat: 37.24N Lon: 7.77W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NE S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	78	329	EP		446	52.600	.000							1.0
MESJ	HN	78	329	ES		447	1.64	-.040							1.0
MESJ	HN	78	329	IAML		447	3.55			4	0.1				
MORF	HZ	79	275	EP		446	52.65	-.130							1.0
MORF	HE	79	275	ES		447	2.160	.170							1.0

MORF HE 79 275 IAML 447 4.04 4 0.2

June 7 2018 Hour: 5:42 22.5 Lat: 34.56N Lon: 5.65W Depth: 4F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	431	328	EP		543	21.01	-.110							1.0
MESJ	HN	431	328	ES		544	3.990	.110							1.0
MESJ	HN	431	328	IAML		544	6.08				2			0.2	

June 7 2018 Hour: 14:50 40.0 Lat: 36.58N Lon: 9.88W Depth: 30F Agency: IGL Regional
Magnitudes: 2.1ML 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	136	53	EP		1450	59.740	.080							1.0
MORF	HE	136	53	ES		1451	13.82	-.230							1.0
MORF	HN	136	53	IAML		1451	15.47				58		0.1		
MESJ	HZ	203	46	EP		1451	8.090	.090							1.0
MESJ	HE	203	46	ES		1451	28.550	.070							1.0
MESJ	HN	203	46	IAML		1451	30.70				6		0.1		

June 7 2018 Hour: 16:15 13.7 Lat: 10.80S Lon: 165.65E Depth: 40F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.0 secs
SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16977	349	EPKP			1635	16.22	-.020							1.0
MESJ	BZ16977	349	IAMs_20			1736	52.47				482		16.1		

June 8 2018 Hour: 10:18 31.1 Lat: 36.90N Lon: 8.70W Depth: 18F Agency: IGL Regional
Magnitudes: 0.8ML 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	45	5	EP		1018	38.76	-.010							1.0
MORF	HN	45	5	ES		1018	44.390	.010							1.0
MORF	HE	45	5	IAML		1018	45.00				6		0.2		

June 8 2018 Hour: 14:37 19.3 Lat: 36.66N Lon: 7.54W Depth: 14F 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	144	335	EP		1437	41.250	.010							1.0
MESJ	HN	144	335	ES		1437	57.26	-.010							1.0
MESJ	HN	144	335	IAML		1437	59.09				4		0.2		

June 9 2018 Hour: 6:23 4.3 Lat: 36.78N Lon: 11.41W Depth: 30F 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	252	76	EP		623	38.38	-.070							1.0
MORF	HN	252	76	ES		624	3.26	-.130							1.0
MORF	HN	252	76	IAML		624	5.85				9		0.3		
MESJ	HZ	306	66	EP		623	45.150	.000							1.0
MESJ	HN	306	66	ES		624	15.190	.220							1.0
MESJ	HN	306	66	IAML		624	16.26				2		0.2		

June 9 2018 Hour: 16:5 50.4 Lat: 35.15N Lon: 11.03W Depth: 8F Agency: IGL Regional
Magnitudes: 1.5ML 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	321	41	EP		16 6	34.83	-.090							1.0
MORF	HN	321	41	ES		16 7	7.460	.040							1.0
MORF	HN	321	41	IAML		16 7	8.03				2		0.1		
MESJ	HZ	390	39	EP		16 6	43.45	-.110							1.0
MESJ	HE	390	39	ES		16 7	22.520	.160							1.0

MESJ HE 390 39 IAML 16 7 23.93 1 0.1

**June 9 2018 Hour: 21:54.2 Lat: 37.17N Lon: 9.84W Depth: 0 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs**

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	106	82	EP		21 6	0.370	.010							1.0
MORF	HN	106	82	ES		21 6	12.88	-.010							1.0
MORF	HN	106	82	IAML		21 6	15.94			11	0.1				

**June 10 2018 Hour: 0:45 30.4 Lat: 37.12N Lon: 9.33W Depth: 27F Agency: IGL Regional
Magnitudes: 0.9ML 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	64	71	EP		045	41.010	.030							1.0
MORF	HE	64	71	ES		045	48.790	.060							1.0
MORF	HN	64	71	IAML		045	51.36			11	0.2				
MESJ	HZ	127	51	EP		045	48.93	-.170							1.0
MESJ	HN	127	51	ES		046	2.840	.070							1.0
MESJ	HN	127	51	IAML		046	4.14			0.90	0.1				

**June 10 2018 Hour: 6:13 21.4 Lat: 36.81N Lon: 9.71W Depth: 31F 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	109	59	EP		613	36.90	-.100							1.0
MORF	HN	109	59	ES		613	48.460	.100							1.0
MORF	HN	109	59	IAML		613	49.50			6	0.2				

**June 10 2018 Hour: 11:30 54.1 Lat: 36.76N Lon: 7.26W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML 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	138	296	EP		1131	15.210	.010							1.0
MORF	HE	138	296	ES		1131	30.58	-.040							1.0
MORF	HN	138	296	IAML		1131	31.04			4	0.0				
MESJ	HZ	147	325	EP		1131	16.29	-.010							1.0
MESJ	HE	147	325	ES		1131	32.560	.040							1.0
MESJ	HE	147	325	IAML		1131	33.17			0.80	0.1				

**June 10 2018 Hour: 19:29 31.2 Lat: 37.31N Lon: 8.61W Depth: 14F Agency: IGL Regional
Magnitudes: 0.3ML 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	261	EP		1929	33.30	-.290							1.0
MORF	HE	4	261	ES		1929	35.480	.140							1.0
MORF	HE	4	261	IAML		1929	36.65			7	0.1				
MESJ	HZ	68	30	EP		1929	42.390	.200							1.0
MESJ	HN	68	30	ES		1929	50.18	-.040							1.0
MESJ	HN	68	30	IAML		1929	50.48			2	0.2				

**June 10 2018 Hour: 20:32 7.5 Lat: 36.52N Lon: 7.55W Depth: 36F Agency: IGL Regional
Magnitudes: 2.7ML 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	131	312	EP		2032	26.50	-.120							1.0
MORF	HE	131	312	ES		2032	40.600	.030							1.0
MORF	HN	131	312	IAML		2032	41.20			143	0.1				
MESJ	HZ	158	338	EP		2032	30.110	.200							1.0
MESJ	HE	158	338	ES		2032	46.16	-.100							1.0
MESJ	HN	158	338	IAML		2032	48.83			69	0.2				

June 11 2018 Hour: 2:18 50.9 Lat: 35.41N Lon: 6.43W Depth: 65F Agency: IGL Regional
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	314	330	EP		219	32.400	.030							1.0

June 11 2018 Hour: 3:47 36.3 Lat: 37.31N Lon: 8.60W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML 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	HZ	5	262	EP		347	38.970	.060							1.0
MORF	HE	5	262	ES		347	40.75-	-.060							1.0
MORF	HN	5	262	IAML		347	41.24		43	0.2					

June 11 2018 Hour: 6:28 57.2 Lat: 36.88N Lon: 10.94W Depth: 27F 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	209	76	EP		629	26.260	.050							1.0
MORF	HE	209	76	ES		629	47.380	.020							1.0
MORF	HN	209	76	IAML		629	49.10		11	0.1					
MESJ	HZ	263	65	EP		629	32.90-	-.070							1.0

June 11 2018 Hour: 10:26 4.3 Lat: 37.33N Lon: 8.57W Depth: 15F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 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		1026	6.92-	.200							1.0
MORF	HN	8	249	ES		1026	9.230	.080							1.0
MORF	HN	8	249	IAML		1026	10.09		45	0.1					
MESJ	HZ	64	29	EP		1026	15.020	.210							1.0
MESJ	HN	64	29	ES		1026	22.37-	-.080							1.0
MESJ	HN	64	29	IAML		1026	23.00		2	0.2					

June 11 2018 Hour: 16:0 36.2 Lat: 36.66N Lon: 9.68W Depth: 16F 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	116	52	EP		16	0	54.43-	-.090						1.0
MORF	HN	116	52	ES		16	1	7.960	.080						1.0
MORF	HN	116	52	IAML		16	1	9.58		13	0.1				
MESJ	HZ	184	44	EP		16	1	2.980	.000						1.0

June 11 2018 Hour: 19:54 21.6 Lat: 31.30N Lon: 131.37E Depth: 30F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs

KYUSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11295	328	EPP			2012	20.710	.070							1.0
MESJ	BZ11295	328	IAMs_20			2059	59.08		4080	19.6					
MORF	BZ11365	328	EPP			2012	25.40-	-.070							1.0
MORF	BZ11365	328	IAMs_20			21	0	11.61		4095	18.9				

June 11 2018 Hour: 21:6 8.0 Lat: 36.92N Lon: 8.68W Depth: 25F 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	43	3	EP		21	6	15.71-	-.010						1.0
MORF	HN	43	3	ES		21	6	21.360	.010						1.0
MORF	HE	43	3	IAML		21	6	22.31		6	0.2				

June 12 2018 Hour: 11:10 1.9 Lat: 36.07N Lon: 10.35W Depth: 32F Agency: IGL Regional
Magnitudes: 3.7ML 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	204	47	EP		1110	30.180	.090							1.0
MORF	HN	204	47	ES		1110	50.62	-.030							1.0
MORF	HE	204	47	IAML		1110	53.80			794	0.3				
MESJ	HZ	273	43	EP		1110	38.56	-.020							1.0
MESJ	HN	273	43	ES		1111	5.29	-.060							1.0
MESJ	HN	273	43	IAML		1111	8.96			198	0.2				
GGNV	HN	312	20	ES		1111	13.780	.010							0.9
GGNV	HE	312	20	IAML		1111	17.21			335	0.2				

June 12 2018 Hour: 23: 8 32.6 Lat: 2.10S Lon: 98.52E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
SOUTHWEST OF SUMATRA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11631	308	EPdif			2322	37.61	-.040							1.0
MESJ	BZ11631	308	EPP			2326	56.690	.120							1.0
MESJ	BZ11631	308	IAMs_20			2427	27.74			1874	16.5				
MORF	BZ11678	308	EPdif			2322	39.56	-.010							1.0
MORF	BZ11678	308	EPP			2326	59.58	-.170							1.0
MORF	BE11678	308	IAMs_20			2422	58.25			2142	17.2				
GGNV	BZ11696	309	EPP			2327	0.950	.090							1.0

June 13 2018 Hour: 16:27 36.1 Lat: 38.30N Lon: 8.21W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
W VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	51	181	EP		1627	44.30	-.060							1.0
MESJ	HE	51	181	ES		1627	50.25	-.130							1.0
MESJ	HN	51	181	IAML		1627	50.57			31	0.1				
MORF	HZ	117	200	EP		1627	55.180	.170							1.0
MORF	HN	117	200	ES		1628	8.840	.030							1.0
MORF	HN	117	200	IAML		1628	10.06			17	0.1				

June 13 2018 Hour: 18:26 19.8 Lat: 6.25S Lon: 155.20E Depth:200F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.2 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16155	337	EPKP			1845	33.300	.210							1.0

June 13 2018 Hour: 23:54 45.3 Lat: 7.45N Lon: 80.57W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs
PANAMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 7963	53	EP			24 6	6.62	-.080							1.0
MESJ	BZ 7963	53	IAMB			24 6	7.63			24	1.0				
MESJ	BN 7963	53	ES			2415	26.650	.080							1.0

June 14 2018 Hour: 3:52 28.9 Lat: 36.61N Lon: 9.76W Depth: 14F Agency: IGL Regional
Magnitudes: 1.1ML 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	HN	125	52	ES		353	2.860	.000							1.0
MORF	HN	125	52	IAML		353	3.89			3	0.1				
MESJ	HZ	193	45	EP		352	56.93	-.000							1.0

June 14 2018 Hour: 5:29 46.3 Lat: 37.49N Lon: 3.75W Depth: 12F Agency: IGL Regional
Magnitudes: 2.0ML 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 396 277 EP 530 39.810.020 1.0
 MESJ HE 396 277 ES 531 18.79-.020 1.0
 MESJ HE 396 277 IAML 531 48.39 4 1.3

June 14 2018 Hour: 6:27 39.3 Lat: 45.85S Lon: 76.31W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
OFF COAST OF AISEN, CHILE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ11481 49 EPP 645 54.49-.060 1.0
 MESJ BN11481 49 ESS 7 0 39.820.060 1.0
 MESJ BZ11481 49 IAMS_20 726 49.85 2677 23.2

June 15 2018 Hour: 0:57 13.2 Lat: 1.97S Lon: 138.76E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.0 secs
NEAR N COAST OF PAPUA, INDONESIA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ14826 324 EPKPdf 116 28.76-.030 1.0
 MESJ BZ14826 324 EPP 118 55.700.030 1.0
 MESJ BZ14826 324 IAMS_20 225 43.65 793 17.4

June 15 2018 Hour: 7:1 24.4 Lat: 36.11N Lon: 9.92W Depth: 7F 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 174 40 EP 7 1 50.77-.080 1.0
 MORF HN 174 40 ES 7 2 10.180.030 1.0
 MORF HN 174 40 IAML 7 2 11.83 16 0.3
 MESJ HE 244 38 ES 7 2 25.220.060 1.0
 MESJ HE 244 38 IAML 7 2 26.54 2 0.2

June 15 2018 Hour: 8:32 10.9 Lat: 38.66N Lon: 8.25W Depth: 12F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
NW MONTEMOR-O-NOVO, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 91 178 EP 832 25.520.100 1.0
 MESJ HN 91 178 ES 832 35.89-.100 1.0
 MESJ HE 91 178 IAML 832 37.22 7 0.2

June 15 2018 Hour: 13:18 57.4 Lat: 15.41S Lon: 172.84W Depth: 55F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs
SAMOA ISLANDS REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ17122 28 EPP 1342 38.13-.010 1.0
 MESJ BZ17122 28 IAMS_20 1438 44.82 480 27.6

June 15 2018 Hour: 16:33 52.6 Lat: 35.14N Lon: 11.13W Depth: 8F 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 328 42 EP 1634 37.96-.020 1.0
 MESJ HZ 397 40 EP 1634 46.56-.030 1.0
 MESJ HE 397 40 ES 1635 26.030.040 1.0
 MESJ HE 397 40 IAML 1635 27.01 2 0.1

June 15 2018 Hour: 21:44 59.1 Lat: 36.63N Lon: 7.15W Depth: 18F 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	153	300	EP		2145	21.960	.050							1.0
MORF	HN	153	300	ES		2145	38.600	.060							1.0
MORF	HE	153	300	IAML		2145	39.48		24	0.1					
MESJ	HZ	164	325	EP		2145	23.21	-.050							1.0
MESJ	HE	164	325	ES		2145	40.81	-.060							1.0
MESJ	HE	164	325	IAML		2145	42.33		4	0.1					

June 15 2018 Hour: 22:31 51.2 Lat: 36.62N Lon: 12.74W Depth: 31F Agency: IGL Regional
Magnitudes: 2.1ML 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	372	77	EP		2232	39.580	.180							1.0
MORF	HN	372	77	ES		2233	14.44	-.170							1.0
MORF	HE	372	77	IAML		2233	15.70		10	0.1					
MESJ	HZ	423	70	EP		2232	45.770	.160							1.0
MESJ	HE	423	70	ES		2233	25.17	-.170							1.0
MESJ	HN	423	70	IAML		2233	27.25		3	0.1					

June 16 2018 Hour: 3:23 32.2 Lat: 16.25S Lon: 177.61W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17298	22	EPK	Pdf		343	25.21	-.050							1.0
GGNV	BE17298	22	IAMs	_20		445	32.86		7435	34.6					
MESJ	BZ17422	21	EPK	Pdf		343	26.820	.050							1.0
MESJ	BZ17422	21	IAMs	_20		444	51.07		4969	23.3					
MORF	BZ17458	23	EPK	Pdf		343	27.250	.010							1.0
MORF	BZ17458	23	IAMs	_20		443	18.41		4277	22.2					

June 16 2018 Hour: 4:11 22.7 Lat: 36.22N Lon: 4.43W Depth: 73F Agency: IGL Regional
Magnitudes: 1.7ML 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	382	299	EP		412	12.45	-.110							1.0
MESJ	HN	382	299	ES		412	49.050	.110							1.0
MESJ	HN	382	299	IAML		412	51.66		2	0.2					

June 16 2018 Hour: 18:31 15.8 Lat: 37.12N Lon: 4.27W 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	358	284	EP		1832	4.51	-.040							1.0

June 16 2018 Hour: 21:10 29.1 Lat: 36.70N Lon: 7.88W Depth: 28F Agency: IGL Regional
Magnitudes: 0.8ML 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	130	347	EP		2110	48.200	.050							1.0
MESJ	HN	130	347	ES		2111	2.04	-.050							1.0
MESJ	HN	130	347	IAML		2111	2.82		1	0.1					

June 16 2018 Hour: 23:45 49.2 Lat: 36.49N Lon: 12.78W Depth: 31F Agency: IGL Regional
Magnitudes: 2.9ML 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	379	75	EP		2346	38.300	.050							1.0
MORF	HN	379	75	ES		2347	13.91	-.160							1.0
MORF	HN	379	75	IAML		2347	16.45		73	0.3					
MESJ	HZ	432	68	EP		2346	44.650	.020							1.0

MESJ HN 432 68 ES 2347 25.210.090 1.0
 MESJ HN 432 68 IAML 2347 27.45 12 0.2

June 17 2018 Hour: 2:22 53.9 Lat: 36.85N Lon: 9.66W Depth: 24F 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	103	60	EP		223	10.020	.110							1.0
MORF	HN	103	60	ES		223	21.51-	.090							1.0
MORF	HN	103	60	IAML		223	22.41		5	0.1					
MESJ	HZ	168	49	EP		223	18.00-	.020							1.0

June 17 2018 Hour: 3:51 1.4 Lat: 36.87N Lon: 8.60W Depth: 27F 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	HZ	48	354	EP		351	9.85-	.110							1.0
MORF	HE	48	354	ES		351	16.300	.080							1.0
MORF	HE	48	354	IAML		351	16.64		9	0.2					
MESJ	HN	113	17	ES		351	30.850	.030							1.0
MESJ	HE	113	17	IAML		351	31.55		2	0.2					

June 17 2018 Hour: 7:47 33.8 Lat: 37.13N Lon: 4.26W Depth: 0 Agency: IGL Regional
Magnitudes: 3.5ML 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	359	284	EP		748	23.74-	.110							1.0
MESJ	HN	359	284	ES		749	0.580	.200							1.0
MESJ	HN	359	284	IAML		749	18.09		145	0.5					
MORF	HZ	390	274	EP		748	27.67-	.100							1.0

June 17 2018 Hour: 22:58 36.2 Lat: 34.83N Lon: 135.61E Depth: 15F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

NEAR SOUTH COAST OF WESTERN HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11151	332	EPdif			2312	21.55-	.150							1.0
MESJ	BZ11151	332	EPP			2316	27.74-	.000							1.0
MESJ	BZ11151	332	IAMs_20			24	0	42.68		2677	22.5				
MORF	BZ11222	332	EPP			2316	32.760	.160							1.0
MORF	BE11222	332	IAMs_20			24	1	12.86		3391	23.6				

June 18 2018 Hour: 2:32 56.9 Lat: 14.24N Lon: 90.54W Depth: 126F Agency: IGL Distant
Magnitudes: 5.1Ms IGL Rms: 0.1 secs

GUATEMALA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8362	55	EP		244	25.42-	.100							1.0
MORF	BE	8362	55	ES		253	54.540	.130							1.0
MORF	BZ	8362	55	IAMs_20		3	8	40.52		1817	35.1				
MESJ	BZ	8393	54	EP		244	26.98-	.080							1.0
MESJ	BE	8393	54	ES		253	57.440	.050							1.0
MESJ	BZ	8393	54	IAMs_20		3	9	2.85		1398	32.4				

June 18 2018 Hour: 5: 5 45.3 Lat: 37.34N Lon: 8.52W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML 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	251	EP		5	5	47.98-	.150						1.0
MORF	HE	12	251	ES		5	5	50.290	.080						1.0
MORF	HE	12	251	IAML		5	5	50.80		110	0.1				
MESJ	HZ	61	25	EP		5	5	55.480	.210						1.0
MESJ	HN	61	25	ES		5	6	2.42-	.140						1.0
MESJ	HE	61	25	IAML		5	6	3.72		2	0.2				

June 18 2018 Hour: 6:46 48.2 Lat: 39.14N Lon: 14.18W Depth: 22F Agency: IGL Regional
Magnitudes: 2.1ML 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	525	111	EP		647	56.510	.090							1.0
MORF	HN	525	111	ES		648	46.260	.020							1.0
MORF	HN	525	111	IAML		648	49.59			5	0.2				
MESJ	HZ	540	104	EP		647	58.180	.040							1.0
MESJ	HE	540	104	ES		648	49.07	-.150							1.0
MESJ	HN	540	104	IAML		648	51.61			2	0.1				

June 18 2018 Hour: 8:10 55.0 Lat: 36.50N Lon: 7.90W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML 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	151	349	EP		811	18.22	-.010							1.0
MESJ	HN	151	349	ES		811	35.210	.010							1.0
MESJ	HE	151	349	IAML		811	37.08			1	0.2				

June 18 2018 Hour: 11:20 1.7 Lat: 36.33N Lon: 8.88W Depth: 11F 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	110	11	EP		1120	18.97	-.110							1.0
MORF	HE	110	11	ES		1120	31.900	.110							1.0
MORF	HE	110	11	IAML		1120	33.85			15	0.2				

June 18 2018 Hour: 18:53 8.7 Lat: 39.37N Lon: 11.47W Depth: 31F Agency: IGL Regional
Magnitudes: 2.0ML 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	330	120	EP		1853	51.860	.190							1.0
MESJ	HN	330	120	ES		1854	23.180	.130							1.0
MESJ	HN	330	120	IAML		1854	26.99			3	0.2				
MORF	HZ	336	132	EP		1853	52.27	-.230							1.0
MORF	HN	336	132	ES		1854	24.39	-.090							1.0
MORF	HN	336	132	IAML		1854	28.03			10	0.1				

June 19 2018 Hour: 0:4 2.5 Lat: 0.17S Lon: 18.33W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4269	12	EP		011	23.830	.030							1.0
MORF	BZ	4269	12	IAMB		011	24.67			21	1.2				
MESJ	BZ	4336	13	EP		011	28.82	-.030							1.0
MESJ	BZ	4336	13	IAMB		011	29.90			27	1.0				

June 19 2018 Hour: 3:12 27.8 Lat: 37.12N Lon: 4.26W 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	359	284	EP		313	16.69	-.050							1.0
MORF	HZ	390	274	EP		313	20.700	.060							1.0

June 19 2018 Hour: 10:14 55.8 Lat: 36.61N Lon: 7.55W Depth: 21F 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
MESJ	HZ	149	337	EP		1015	17.840	.120							1.0
MESJ	HN	149	337	ES		1015	33.62	-.120							1.0
MESJ	HN	149	337	IAML		1015	34.41			2	0.1				

June 20 2018 Hour: 1: 9 54.8 Lat: 23.83S Lon: 66.53W Depth:191F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs
JUJUY, ARGENTINA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 9147 43 EP 121 54.640.030 1.0
 MESJ BZ 9147 43 IAMB 121 56.76 17 1.2

June 20 2018 Hour: 8: 5 33.9 Lat: 36.07N Lon: 7.88W Depth: 31F Agency: IGL Regional
Magnitudes: 1.0ML 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
 MESJ HZ 199 351 EP 8 6 0.56-.080 1.0
 MESJ HE 199 351 ES 8 6 20.210.080 1.0
 MESJ HN 199 351 IAML 8 6 21.04 1 0.1

June 20 2018 Hour: 20:17 4.4 Lat: 36.43N Lon: 11.15W Depth: 31F Agency: IGL Regional
Magnitudes: 2.2ML 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 243 66 EP 2017 36.700.040 1.0
 MORF HN 243 66 ES 2018 0.15-.030 1.0
 MORF HN 243 66 IAML 2018 2.82 28 0.2
 MESJ HZ 304 58 EP 2017 44.05-.130 1.0
 MESJ HE 304 58 ES 2018 13.320.120 1.0
 MESJ HN 304 58 IAML 2018 16.50 6 0.1

June 20 2018 Hour: 23:23 31.5 Lat: 22.40S Lon: 175.06W Depth: 36F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs
TONGA REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ17902 33 EPKPdf 2343 27.06-.040 1.0
 MESJ BZ17902 33 IAMS_20 2450 47.70 623 14.4
 MORF BZ17922 35 EPKPdf 2343 27.380.040 1.0
 MORF BZ17922 35 IAMS_20 2454 4.71 688 14.6

June 21 2018 Hour: 2: 3 30.3 Lat: 16.12S Lon: 174.16W Depth:112F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs
TONGA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ17257 27 EPKPdf 223 9.300.020 1.0
 MORF BZ17284 29 EPKPdf 223 9.65-.020 1.0

June 21 2018 Hour: 2:51 28.2 Lat: 36.55N Lon: 9.81W Depth: 9F Agency: IGL Regional
Magnitudes: 0.8ML 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 133 51 EP 251 49.260.090 1.0
 MORF HN 133 51 ES 252 4.45-.040 1.0
 MORF HN 133 51 IAML 252 5.07 2 0.2
 MESJ HZ 201 44 EP 251 57.57-.120 1.0
 MESJ HN 201 44 ES 252 19.300.060 1.0
 MESJ HN 201 44 IAML 252 20.82 0.70 0.2

June 21 2018 Hour: 5:31 13.9 Lat: 38.00N Lon: 9.08W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NW SINES, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 78 103 EP 531 26.390.030 1.0
 MESJ HN 78 103 ES 531 35.36-.090 1.0
 MESJ HN 78 103 IAML 531 36.07 3 0.2
 MORF HZ 86 154 EP 531 27.660.030 1.0
 MORF HN 86 154 ES 531 37.680.040 1.0
 MORF HE 86 154 IAML 531 38.16 4 0.1

June 21 2018 Hour: 15:30 1.6 Lat: 36.39N Lon: 7.53W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML 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	143	316	EP		1530	24.29	-.270							1.0
MORF	HN	143	316	ES		1530	41.25	-.060							1.0
MORF	HE	143	316	IAML		1530	45.25			24	0.2				
MESJ	HZ	172	339	EP		1530	28.570	.120							1.0
MESJ	HN	172	339	ES		1530	48.260	.220							1.0
MESJ	HN	172	339	IAML		1530	50.59			9	0.0				

June 21 2018 Hour: 16: 8 2.6 Lat: 24.29S Lon: 67.06W Depth:180F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9154	43	EP		1620	3.92	-.110							1.0
MORF	BZ	9154	43	IAMB		1620	7.55			43	1.1				
MORF	BZ	9154	43	EP		1620	48.190	.090							1.0
MORF	BN	9154	43	ES		1630	4.77	-.090							1.0
GGNV	BZ	9218	42	EP		1620	51.270	.240							0.9
GGNV	BN	9218	42	ES		1630	10.02	-.050							1.0
MESJ	BZ	9221	43	EP		1620	7.00	-.060							1.0
MESJ	BZ	9221	43	IAMB		1620	11.09			31	1.0				
MESJ	BZ	9221	43	EP		1620	51.270	.060							1.0
MESJ	BN	9221	43	ES		1630	10.27	-.040							1.0

June 21 2018 Hour: 19:33 10.4 Lat: 22.54S Lon: 174.91W Depth: 5F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

TONGA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	17906	34	EP		1953	11.130	.120							1.0
MESJ	BZ	17906	34	IAMS	20	2116	37.86			1849	31.3				
MORF	BZ	17925	36	EP		1953	11.13	-.120							1.0
MORF	BZ	17925	36	IAMS	20	212	43.55			2062	19.3				

June 21 2018 Hour: 21:13 31.1 Lat: 17.82S Lon: 168.02E Depth: 22F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	17698	354	EP		2133	26.810	.120							1.0
GGNV	BZ	17698	354	EP		2134	3.840	.010							1.0
GGNV	BZ	17698	354	EPP		2137	44.770	.020							1.0
GGNV	BZ	17698	354	IAMS	20	2244	4.78			6661	24.9				
MESJ	BZ	17782	351	EP		2133	27.47	-.130							1.0
MESJ	BZ	17782	351	EP		2134	7.11	-.030							1.0
MESJ	BZ	17782	351	EPP		2137	48.85	-.000							1.0
MESJ	BZ	17782	351	IAMS	20	2243	8.69			5469	22.4				
MORF	BZ	17847	352	EP		2133	28.27	-.040							1.0
MORF	BZ	17847	352	EP		2134	9.810	.050							1.0
MORF	BZ	17847	352	EPP		2137	52.06	-.000							1.0
MORF	BZ	17847	352	IAMS	20	2243	42.38			4397	27.0				

June 21 2018 Hour: 21:47 40.1 Lat: 37.31N Lon: 8.56W Depth: 6F Agency: IGL Regional
Magnitudes: 0.6ML 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	8	266	EP		2147	41.54	-.260							1.0
MORF	HE	8	266	ES		2147	43.140	.100							1.0
MORF	HN	8	266	IAML		2147	43.60			47	0.1				
MESJ	HZ	66	27	EP		2147	50.960	.170							1.0

June 21 2018 Hour: 22:34 34.1 Lat: 36.60N Lon: 9.77W Depth: 16F 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	127	52	EP		2234	53.73	-.010							1.0
MORF	HN	127	52	ES		2235	7.97	-.100							1.0
MORF	HE	127	52	IAML		2235	10.59			7	0.2				
MESJ	HZ	195	45	EP		2235	2.14	-.010							1.0
MESJ	HN	195	45	ES		2235	22.760	.130							1.0
MESJ	HE	195	45	IAML		2235	23.56			0.80	0.1				

June 21 2018 Hour: 23:34 35.3 Lat: 36.78N Lon: 8.23W Depth: 2F Agency: IGL Regional
Magnitudes: 0.9ML 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	69	327	EP		2334	46.49	-.030							1.0
MORF	HN	69	327	ES		2334	54.720	.030							1.0
MORF	HE	69	327	IAML		2334	55.33			5	0.3				

June 22 2018 Hour: 0:44 29.2 Lat: 36.47N Lon: 11.41W Depth: 33F Agency: IGL Regional
Magnitudes: 0.9ML 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	263	69	EP		045	4.55	-.070							1.0
MORF	HE	263	69	ES		045	30.540	.070							1.0
MORF	HE	263	69	IAML		045	31.60			0.60	0.1				

June 22 2018 Hour: 11:31 20.9 Lat: 35.06N Lon: 5.03W Depth: 26F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	410	308	ES		1132	54.440	.120							1.0
MORF	HN	410	308	IAML		1132	56.49			7	0.2				
MESJ	HZ	421	318	EP		1132	16.220	.090							1.0
MESJ	HN	421	318	ES		1132	56.25	-.210							1.0
MESJ	HN	421	318	IAML		1132	57.59			4	0.1				

June 22 2018 Hour: 11:34 25.0 Lat: 37.07N Lon: 8.62W Depth: 2F 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	26	354	EP		1134	29.280	.020							1.0
MORF	HN	26	354	ES		1134	32.34	-.020							1.0
MORF	HE	26	354	IAML		1134	33.44			227	0.1				
MESJ	HZ	92	22	EP		1134	40.050	.110							1.0
MESJ	HN	92	22	ES		1134	50.72	-.110							1.0
MESJ	HN	92	22	IAML		1134	52.88			33	0.1				

June 22 2018 Hour: 19:24 29.7 Lat: 10.03S Lon: 161.65E Depth: 43F Agency: IGL Distant
Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16791	343	EPKP			1944	17.920	.050							1.0
MORF	BZ16860	344	EPKP			1944	19.40	-.050							1.0

June 22 2018 Hour: 20:57 43.7 Lat: 4.93S Lon: 108.35E Depth: 647F Agency: IGL Distant
Rms: 0.1 secs

JAVA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12678	309	EPKP			2115	10.700	.070							1.0
MORF	BZ12729	309	EPKP			2115	11.49	-.070							1.0

June 22 2018 Hour: 22:37 44.4 Lat: 37.41N Lon: 13.94W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML 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	469	90	EP		2238	45.02	-.060							1.0
MORF	HE	469	90	ES		2239	29.42	0.020							1.0
MORF	HN	469	90	IAML		2239	32.83			2	0.3				
MESJ	HZ	507	83	EP		2238	49.77	0.040							1.0

June 23 2018 Hour: 0:33 40.7 Lat: 10.31S Lon: 161.06E Depth: 48F Agency: IGL Distant
Rms: 0.0 secs
SOLOMON ISLANDS Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16801	342	EPKP			053	28.53	0.040							1.0
MORF	BZ16871	343	EPKP			053	30.04	-.040							1.0

June 23 2018 Hour: 0:54 59.2 Lat: 10.32S Lon: 161.07E Depth: 38F Agency: IGL Distant
Rms: 0.0 secs
SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16803	342	EPKPdf			114	41.42	0.020							1.0
MORF	BZ16872	343	EPKPdf			114	42.38	-.020							1.0

June 23 2018 Hour: 1:54 42.6 Lat: 10.76N Lon: 62.63W Depth: 106F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
OFFSHORE SUCRE, VENEZUELA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	6128	52	EP		2 4	3.55	-.010							1.0
MORF	BZ	6128	52	IAMB		2 4	5.55			39	1.5				
MESJ	BZ	6180	51	EP		2 4	6.86	0.010							1.0
MESJ	BZ	6180	51	IAMB		2 4	27.83			15	1.4				

June 23 2018 Hour: 3:30 1.3 Lat: 37.25N Lon: 7.98W Depth: 21F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs
NE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	60	276	EP		330	11.18	-.110							1.0
MORF	HE	60	276	ES		330	18.50	-.070							1.0
MORF	HE	60	276	IAML		330	19.72			2	0.1				
MESJ	HZ	69	342	EP		330	12.48	-.080							1.0
MESJ	HN	69	342	ES		330	21.05	0.270							1.0
MESJ	HN	69	342	IAML		330	21.63			0.80	0.1				

June 23 2018 Hour: 6:18 16.0 Lat: 37.30N Lon: 8.57W Depth: 11F 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	7	274	EP		618	17.95	-.210							1.0
MORF	HE	7	274	ES		618	19.91	0.130							1.0
MORF	HE	7	274	IAML		618	20.30			364	0.1				
MESJ	HZ	67	27	EP		618	26.99	0.090							1.0
MESJ	HE	67	27	ES		618	34.88	-.010							1.0
MESJ	HN	67	27	IAML		618	38.09			13	0.1				

June 23 2018 Hour: 14: 8 53.2 Lat: 36.52N Lon: 7.92W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML 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	109	323	EP		14 9	10.26	-.150							1.0
MORF	HN	109	323	ES		14 9	23.15	0.200							1.0
MORF	HN	109	323	IAML		14 9	24.65			10	0.1				
MESJ	HZ	149	350	EP		14 9	15.90	-.050							1.0
MESJ	HN	149	350	ES		14 9	32.53	-.000							1.0

MESJ HN 149 350 IAML 14 9 35.23 4 0.1

June 23 2018 Hour: 17:21 15.2 Lat: 37.32N Lon: 8.57W Depth: 16F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.0 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	257	EP		1721	18.05	-.020							1.0
MORF	HE	8	257	ES		1721	20.200	.020							1.0
MORF	HN	8	257	IAML		1721	20.48			8	0.2				

June 23 2018 Hour: 19:10 16.7 Lat: 38.38N Lon: 8.01W Depth: 4F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs

N VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	63	197	EP		1910	27.100	.210							1.0
MESJ	HE	63	197	ES		1910	34.09	-.210							1.0
MESJ	HE	63	197	IAML		1910	34.25			3	0.1				

June 24 2018 Hour: 1:23 4.9 Lat: 38.69N Lon: 8.27W Depth: 3F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	177	EP		123	20.180	.030							1.0
MESJ	HN	95	177	ES		123	31.18	-.110							1.0
MESJ	HN	95	177	IAML		123	32.41			2	0.2				
MORF	HZ	157	192	EPg		123	30.380	.080							1.0

June 24 2018 Hour: 7:12 42.3 Lat: 36.51N Lon: 9.67W Depth: 18F Agency: IGL Regional
Magnitudes: 1.4ML 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	126	46	EP		713	1.820	.040							1.0
MORF	HN	126	46	ES		713	15.94	-.040							1.0
MORF	HN	126	46	IAML		713	16.25			6	0.2				

June 24 2018 Hour: 21:47 15.8 Lat: 38.89N Lon: 9.13W Depth: 24F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NE LOURES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	141	145	EP		2147	36.41	-.140							1.0
MESJ	HE	141	145	ES		2147	51.840	.140							1.0
MESJ	HE	141	145	IAML		2147	52.74			0.90	0.2				

June 25 2018 Hour: 5:14 44.2 Lat: 36.68N Lon: 21.35E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2616	282	EP		519	54.680	.000							1.0
MESJ	BZ	2616	282	IAmb		519	58.78			79	0.9				
MESJ	BN	2616	282	ES		524	9.33	-.060							1.0
MORF	BZ	2661	281	EP		519	58.44	-.030							1.0
MORF	BZ	2661	281	IAmb		520	0.76			86	1.5				
MORF	BN	2661	281	ES		524	16.140	.060							1.0
GGNV	BZ	2687	284	EP		520	0.610	.060							1.0
GGNV	BZ	2687	284	IAmb		520	5.23			67	0.7				
GGNV	BN	2687	284	ES		524	19.73	-.040							1.0

June 25 2018 Hour: 10:41 53.0 Lat: 36.47N Lon: 9.86W Depth: 36F 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	142	49	EP		1042	13.490	.050							1.0
MORF	HN	142	49	ES		1042	28.31	-.040							1.0
MORF	HN	142	49	IAML		1042	30.26			16	0.1				

MESJ HZ	211	43	EP	1042	21.970.050												1.0
MESJ HN	211	43	ES	1042	42.96-.060												1.0
MESJ HN	211	43	IAML	1042	45.24				3	0.1							

June 25 2018 Hour: 10:52 42.0 Lat: 3.16N Lon: 31.31W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Ms IGL Rms: 0.0 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	4435	29	EP			11 0	15.74-	.070							1.0
MORF BE	4435	29	IAMs_20			1112	16.75		1487	20.9					
MESJ BZ	4506	29	EP			11 0	21.070.050								1.0
MESJ BE	4506	29	ES			11 6	30.860.020								1.0
MESJ BZ	4506	29	IAMs_20			1112	6.89		1665	28.3					

June 25 2018 Hour: 17:32 51.8 Lat: 38.88N Lon: 8.45W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

SE CORUCHE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	117	170	EP			1733	10.17-	.030							1.0
MESJ HN	117	170	ES			1733	23.700.030								1.0
MESJ HN	117	170	IAML			1733	24.66		2	0.1					

June 25 2018 Hour: 22: 8 17.1 Lat: 36.92N Lon: 13.60W 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 HE	442	83	ES			22 9	56.33-	.150							1.0
MORF HN	442	83	IAML			22 9	58.78		8	0.2					
MESJ HZ	487	76	EP			22 9	20.160.150								1.0
MESJ HE	487	76	ES			2210	5.960.000								1.0
MESJ HE	487	76	IAML			2210	8.47		2	0.2					

June 25 2018 Hour: 23:33 38.2 Lat: 36.63N Lon: 11.22W 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	241	71	EP			2334	10.01-	.170							1.0
MORF HN	241	71	ES			2334	33.530.040								1.0
MORF HE	241	71	IAML			2334	34.49		3	0.1					
MESJ HZ	298	62	EP			2334	17.20-	.100							1.0
MESJ HN	298	62	ES			2334	46.040.230								1.0
MESJ HN	298	62	IAML			2334	48.18		0.90	0.1					

June 26 2018 Hour: 1:18 8.4 Lat: 35.59N Lon: 9.67W Depth: 42F Agency: IGL Regional
Magnitudes: 0.6ML 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
MESJ HZ	281	27	EP			118	46.170.090								1.0
MESJ HN	281	27	ES			119	13.51-	.090							1.0
MESJ HN	281	27	IAML			119	16.19		0.30	0.2					

June 26 2018 Hour: 9:15 36.3 Lat: 0.68S Lon: 90.94W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

GALAPAGOS ISLANDS, ECUADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	9381	53	EP			928	8.38-	.160							1.0
MORF BZ	9381	53	IAMB			928	11.30		17	1.2					
MESJ BZ	9424	52	EP			928	10.43-	.030							1.0
MESJ BZ	9424	52	IAMB			928	15.16		20	1.5					
MESJ BE	9424	52	ESKSac			938	33.710.200								1.0

June 26 2018 Hour: 10:33 33.6 Lat: 38.40N Lon: 8.01W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

N VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	197	EPg		1033	44.460	.170							1.0
MESJ	HN	65	197	ES		1033	51.76	-.060							1.0
MESJ	HN	65	197	IAML		1033	52.77			11	0.2				
MORF	HZ	134	205	EP		1033	54.31	-.260							1.0
MORF	HN	134	205	ES		1034	9.990	.150							1.0
MORF	HN	134	205	IAML		1034	12.07			12	0.2				

June 26 2018 Hour: 19:12 50.2 Lat: 37.31N Lon: 8.54W Depth: 13F Agency: IGL Regional
Magnitudes: 0.5ML 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	10	266	EP		1912	52.84	-.110							1.0
MORF	HN	10	266	ES		1912	54.950	.020							1.0
MORF	HN	10	266	IAML		1912	55.51			25	0.1				
MESJ	HZ	65	26	EP		1913	1.030	.220							1.0
MESJ	HN	65	26	ES		1913	8.40	-.120							1.0
MESJ	HN	65	26	IAML		1913	9.76			1	0.3				

June 27 2018 Hour: 1:39 14.2 Lat: 38.43N Lon: 8.62W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NW ALCACER DO SAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	152	EP		139	26.220	.070							1.0
MESJ	HE	74	152	ES		139	34.82	-.090							1.0
MESJ	HN	74	152	IAML		139	36.74			14	0.2				
MORF	HZ	125	181	EP		139	34.360	.040							1.0
MORF	HN	125	181	ES		139	49.02	-.020							1.0
MORF	HN	125	181	IAML		139	49.26			18	0.2				

June 27 2018 Hour: 3:24 23.1 Lat: 38.53N Lon: 8.25W Depth: 14F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

SW MONTEMOR-O-NOVO, PORTUGAL Nt: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	77	178	EP		324	35.29	-.070							1.0
MESJ	HE	77	178	ES		324	44.380	.040							1.0
MESJ	HN	77	178	IAML		324	46.55			208	0.1				
GGNV	HZ	81	285	EP		324	36.060	.060							1.0
GGNV	HN	81	285	ES		324	45.510	.060							1.0
GGNV	HN	81	285	IAML		324	48.27			78	0.3				
MORF	HZ	141	195	EP		324	44.40	-.210							1.0
MORF	HE	141	195	ES		325	0.450	.110							1.0
MORF	HE	141	195	IAML		325	2.62			50	0.3				

June 27 2018 Hour: 5:17 28.6 Lat: 38.54N Lon: 8.25W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SW MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	78	178	EP		517	41.240	.070							1.0
MESJ	HN	78	178	ES		517	50.23	-.070							1.0
MESJ	HN	78	178	IAML		517	52.38			15	0.1				

June 27 2018 Hour: 10:1 58.2 Lat: 35.56S Lon: 16.85W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.1 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	8105	7	EP		1013	27.280	.060							1.0
MORF	BZ	8105	7	IAMB		1013	31.19			17	1.1				
MESJ	BZ	8169	7	EP		1013	30.48	-.060							1.0
MESJ	BZ	8169	7	IAMB		1013	32.24			17	1.5				

June 27 2018 Hour: 13:34 31.8 Lat: 36.99N Lon: 10.33W Depth: 13F 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	HZ	153	76	EP		1334	55.050	.040							1.0
MORF	HN	153	76	ES		1335	11.91	-.030							1.0
MORF	HE	153	76	IAML		1335	13.02			23	0.2				
MESJ	HZ	209	63	EP		1335	1.82	-.140							1.0
MESJ	HN	209	63	ES		1335	24.100	.140							1.0
MESJ	HN	209	63	IAML		1335	24.65			3	0.2				

June 27 2018 Hour: 18:45 27.4 Lat: 36.43N Lon: 8.09W Depth: 7F 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	109	333	EP		1845	45.000	.060							1.0
MORF	HN	109	333	ES		1845	57.67	-.060							1.0
MORF	HN	109	333	IAML		1846	0.60			7	0.2				
MESJ	HZ	157	356	EP		1845	51.54	-.110							1.0
MESJ	HE	157	356	ES		1846	9.440	.110							1.0
MESJ	HE	157	356	IAML		1846	10.71			1.00	0.1				

June 27 2018 Hour: 19: 8 50.2 Lat: 36.58N Lon: 9.76W Depth: 9F 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
MESJ	HZ	196	44	EP		19 9	18.95	-.100							1.0
MESJ	HE	196	44	ES		19 9	40.190	.100							1.0
MESJ	HE	196	44	IAML		19 9	41.13			1	0.1				

June 27 2018 Hour: 19:42 24.8 Lat: 36.76N Lon: 9.66W Depth: 17F Agency: IGL Regional
Magnitudes: 1.4ML 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	108	56	EP		1942	41.980	.060							1.0
MORF	HN	108	56	ES		1942	54.410	.010							1.0
MORF	HN	108	56	IAML		1942	56.15			12	0.2				
MESJ	HZ	175	46	EP		1942	50.22	-.150							1.0
MESJ	HE	175	46	ES		1943	9.100	.080							1.0
MESJ	HE	175	46	IAML		1943	9.95			2	0.1				

June 28 2018 Hour: 1:48 21.3 Lat: 35.56N Lon: 5.95W Depth: 23F Agency: IGL Regional
Magnitudes: 1.6ML IGL 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	324	322	EP		149	5.08	-.010							1.0
MESJ	HN	324	322	ES		149	37.080	.010							1.0
MESJ	HN	324	322	IAML		149	38.82			2	0.3				

June 28 2018 Hour: 3: 2 46.1 Lat: 36.90N Lon: 14.25W Depth: 57F Agency: IGL Regional
Magnitudes: 1.7ML 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
MESJ	HZ	544	77	EP		3 3	55.420	.000							1.0
MESJ	HN	544	77	ES		3 4	46.03	-.000							1.0
MESJ	HN	544	77	IAML		3 4	47.35			1	0.3				

June 28 2018 Hour: 3:26 58.6 Lat: 37.34N Lon: 8.55W Depth: 0 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.2 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	247	EP		326	59.87	-.320							1.0
MORF	HN	10	247	ES		327	1.400	.040							1.0
MORF	HN	10	247	IAML		327	1.86			56	0.2				
MESJ	HZ	63	28	EP		327	8.840	.160							1.0
MESJ	HE	63	28	ES		327	16.190	.130							1.0
MESJ	HE	63	28	IAML		327	19.45			0.90	0.1				

June 28 2018 Hour: 5:36 22.2 Lat: 38.53N Lon: 8.25W Depth: 10F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
SW MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	77	178	EP		536	34.58	-.020							1.0
MESJ	HE	77	178	ES		536	43.680	.020							1.0
MESJ	HN	77	178	IAML		536	45.58			13	0.1				

June 28 2018 Hour: 7:4 20.1 Lat: 37.15N Lon: 8.78W Depth: 21F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs
NW LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	21	33	EP		7 4	24.57	-.190							1.0
MORF	HN	21	33	ES		7 4	28.340	.170							1.0
MORF	HN	21	33	IAML		7 4	28.96			14	0.1				
MESJ	HZ	91	33	EP		7 4	34.50	-.110							1.0
MESJ	HN	91	33	ES		7 4	45.340	.130							1.0
MESJ	HE	91	33	IAML		7 4	45.68			1	0.2				

June 28 2018 Hour: 9:54 7.8 Lat: 36.82N Lon: 7.22W Depth: 28F 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	HN	138	293	ES		954	42.750	.090							1.0
MORF	HN	138	293	IAML		954	43.78			7	0.2				
MESJ	HZ	144	322	EP		954	28.44	-.150							1.0
MESJ	HN	144	322	ES		954	43.840	.070							1.0
MESJ	HN	144	322	IAML		954	45.47			2	0.2				

June 28 2018 Hour: 16:47 50.0 Lat: 15.14S Lon: 167.46E Depth: 120F Agency: 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	BZ17481	351	EPKP			17 7	30.810	.120							1.0
MORF	BZ17546	352	EPKP			17 7	31.37	-.120							1.0

June 28 2018 Hour: 17:35 24.3 Lat: 35.25N Lon: 4.09W Depth: 2F Agency: IGL Regional
Magnitudes: 2.6ML 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	468	309	EP		1736	27.52	-.010							1.0
MESJ	HN	468	309	ES		1737	13.730	.010							1.0
MESJ	HN	468	309	IAML		1737	17.10			11	0.4				

June 28 2018 Hour: 17:50 5.1 Lat: 36.61N Lon: 7.96W Depth: 21F Agency: IGL Regional
Magnitudes: 2.1ML 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	99	322	EP		1750	20.64	-.030							1.0
MORF	HE	99	322	ES		1750	31.92	-.150							1.0
MORF	HE	99	322	IAML		1750	32.40			33	0.2				
MESJ	HZ	138	350	EP		1750	25.880	.180							1.0

MESJ HE 138 350 ES 1750 40.780.010 1.0
 MESJ HN 138 350 IAML 1750 41.96 29 0.3

June 28 2018 Hour: 20: 6 30.3 Lat: 38.09N Lon: 9.15W Depth: 8F Agency: IGL Regional
Magnitudes: 0.8ML 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	86	109	EP		20	6	44.18-.130							1.0
MESJ	HN	86	109	ES		20	6	54.730.220							1.0
MESJ	HE	86	109	IAML		20	6	56.51		3	0.2				
MORF	HZ	98	153	EP		20	6	45.94-.090							1.0

June 29 2018 Hour: 2:18 55.8 Lat: 37.52N Lon: 9.22W Depth: 8F Agency: IGL Regional
Magnitudes: 0.9ML 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	56	115	EP		219		4.68-.220							1.0
MORF	HE	56	115	ES		219		11.700.170							1.0
MORF	HE	56	115	IAML		219		12.62		5	0.1				
MESJ	HZ	95	68	EPg		219		11.270.060							1.0
MESJ	HN	95	68	ES		219		22.28-.010							1.0
MESJ	HN	95	68	IAML		219		25.06		4	0.2				

June 29 2018 Hour: 13:26 43.2 Lat: 36.24N Lon: 8.17W Depth: 15F Agency: IGL Regional
Magnitudes: 1.5ML 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	340	EP		1327		2.820.010							1.0
MESJ	HZ	178	359	EP		1327		9.19-.030							1.0
MESJ	HE	178	359	ES		1327		28.250.030							1.0
MESJ	HE	178	359	IAML		1327		28.99		5	0.1				

June 29 2018 Hour: 21:14 36.9 Lat: 34.52N Lon: 10.02W Depth: 31F 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	333	21	EP		2115		20.22-.040							1.0
MORF	HN	333	21	ES		2115		51.91-.010							1.0
MORF	HE	333	21	IAML		2115		53.41		40	0.1				
MESJ	HZ	402	23	EP		2115		28.820.050							1.0

June 30 2018 Hour: 0:42 1.7 Lat: 37.53N Lon: 14.26W Depth: 28F Agency: IGL Regional
Magnitudes: 1.8ML 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	497	91	EP		043		6.080.010							1.0
MORF	HN	497	91	ES		043		53.08-.000							1.0
MORF	HN	497	91	IAML		043		54.08		3	0.2				
MESJ	HN	534	84	ES		044		0.75-.000							1.0
MESJ	HN	534	84	IAML		044		3.18		1	0.1				

June 30 2018 Hour: 3:56 49.3 Lat: 19.06N Lon: 105.12W Depth: 15F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.1 secs

OFFSHORE JALISCO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9215	52	EP		4	9	13.05-.100							1.0
GGNV	BZ	9215	52	IAMB		4	9	16.85		244	1.6				
GGNV	BE	9215	52	ES		419		31.45-.120							1.0
MORF	BZ	9307	53	EP		4	9	17.550.050							1.0
MORF	BZ	9307	53	IAMB		4	9	22.83		418	2.4				
MORF	BE	9307	53	ES		419		38.520.060							1.0
MESJ	BZ	9323	52	EP		4	9	18.21-.000							1.0
MESJ	BZ	9323	52	IAMB		4	9	22.25		48	1.0				
MESJ	BN	9323	52	ES		419		39.460.110							1.0

June 30 2018 Hour: 15: 3 0.4 Lat: 36.80N Lon: 10.34W Depth: 30F Agency: IGL Regional
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	160	69	EP		15	3	23.190.010							1.0