

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

January to February

2018

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

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

IDL.UL.PT

STATIONS USED

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

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

January 1 2018 Hour: 1:49 39.8 Lat: 36.80N Lon: 7.43W Depth: 32F 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	122	298	ES		150	10.990	.050							1.0
MORF	HN	122	298	IAML		150	11.53			2	0.1				
MESJ	HZ	135	329	EP		149	59.430	.080							1.0
MESJ	HN	135	329	ES		150	13.47-	.130							1.0
MESJ	HN	135	329	IAML		150	14.30			3	0.2				

January 1 2018 Hour: 8:32 34.5 Lat: 36.70N Lon: 10.48W 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	176	67	EP		832	59.270	.140							1.0
MORF	HE	176	67	ES		833	17.00-	.110							1.0
MORF	HN	176	67	IAML		833	19.35			34	0.2				
MESJ	HZ	237	57	EP		833	6.68-	.000							1.0
MESJ	HN	237	57	ES		833	30.15-	.030							1.0
MESJ	HN	237	57	IAML		833	31.02			5	0.2				

January 1 2018 Hour: 10:16 24.5 Lat: 36.98N Lon: 8.39W Depth: 15F 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	43	327	EP		1016	31.59-	.190							1.0
MORF	HE	43	327	ES		1016	37.160	.090							1.0
MORF	HE	43	327	IAML		1016	38.07			25	0.1				
MESJ	HZ	97	9	EP		1016	39.960	.110							1.0
MESJ	HE	97	9	ES		1016	51.03-	.000							1.0
MESJ	HN	97	9	IAML		1016	52.36			8	0.2				

January 2 2018 Hour: 4:24 17.3 Lat: 41.22N Lon: 22.86E Depth: 6F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2684	272	EP		429	33.99-	.030							1.0
MESJ	BZ	2684	272	IAMB		429	37.45			40	1.1				

January 2 2018 Hour: 7:45 4.9 Lat: 36.58N Lon: 7.56W Depth: 24F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	310	EP		745	23.68-	.190							1.0
MORF	HE	126	310	ES		745	37.62-	.070							1.0
MORF	HE	126	310	IAML		745	38.61			6	0.1				
MESJ	HZ	152	337	EP		745	27.160	.180							1.0
MESJ	HN	152	337	ES		745	43.160	.090							1.0
MESJ	HN	152	337	IAML		745	45.85			7	0.1				

January 2 2018 Hour: 10:18 17.0 Lat: 36.38N Lon: 8.06W 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	115	333	EP		1018	35.37-	.030							1.0
MORF	HE	115	333	ES		1018	49.010	.180							1.0
MORF	HE	115	333	IAML		1018	50.07			10	0.2				
MESJ	HZ	163	355	EP		1018	41.62-	.220							1.0
MESJ	HE	163	355	ES		1019	0.030	.060							1.0
MESJ	HN	163	355	IAML		1019	0.97			4	0.1				

January 2 2018 Hour: 12:56 9.1 Lat: 36.60N Lon: 7.13W Depth: 20F 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	157	300	EP		1256	32.130	.040							1.0
MORF	HE	157	300	ES		1256	48.76	-.130							1.0
MORF	HN	157	300	IAML		1256	49.37			8	0.1				
MESJ	HZ	168	325	EP		1256	33.550	.050							1.0
MESJ	HE	168	325	ES		1256	51.370	.040							1.0
MESJ	HN	168	325	IAML		1256	52.87			2	0.0				

January 2 2018 Hour: 14:57 19.1 Lat: 24.82S Lon: 178.46E Depth: 577F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18449	22	EPK	Pdf		1516	17.740	.070							1.0
MESJ	BZ18449	22	EPK	Pab		1517	21.70	-.060							1.0
MORF	BZ18485	24	EPK	Pdf		1516	18.120	.130							1.0
MORF	BZ18485	24	EPK	Pab		1517	23.12	-.140							1.0

January 2 2018 Hour: 20:59 39.2 Lat: 36.28N Lon: 2.68E Depth: 5F Agency: IGL Regional
Magnitudes: 3.4ML IGL Rms: 0.1 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	984	283	EP		21 1	43.710	.020							1.0
MESJ	HN	984	283	ES		21 3	14.52	-.080							1.0
MESJ	HN	984	283	IAML		21 3	23.67			12	0.2				
MORF	HN	1017	280	ES		21 3	21.430	.060							1.0
MORF	HE	1017	280	IAML		21 3	29.84			26	0.8				

January 3 2018 Hour: 19: 8 29.1 Lat: 37.34N Lon: 8.49W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML 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	255	EP		19 8	32.340	.010							1.0
MORF	HE	15	255	ES		19 8	34.68	-.010							1.0
MORF	HN	15	255	IAML		19 8	34.85			29	0.2				

January 4 2018 Hour: 2:45 32.0 Lat: 36.86N Lon: 8.54W Depth: 17F 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	50	349	EP		245	40.28	-.140							1.0
MORF	HN	50	349	ES		245	46.620	.060							1.0
MORF	HN	50	349	IAML		245	46.96			4	0.1				
MESJ	HN	112	15	ES		246	2.750	.090							1.0
MESJ	HN	112	15	IAML		246	4.21			0.70	0.1				

January 4 2018 Hour: 2:44 58.1 Lat: 53.25N Lon: 159.81E Depth: 67F Agency: IGL Distant
Magnitudes: 5.2Mb 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
MESJ	BZ	9852	351	EP		257	43.40	-.010							1.0
MESJ	BZ	9852	351	IAMB		257	43.73			23	1.3				

January 4 2018 Hour: 6:28 4.1 Lat: 38.99N Lon: 13.14W Depth: 14F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	435	114	EP		629	2.04	-.170							1.0
MORF	HN	435	114	ES		629	44.750	.110							1.0
MORF	HE	435	114	IAML		629	46.36			3	0.2				
MESJ	HE	448	105	ES		629	47.300	.060							1.0

MESJ HE 448 105 IAML 629 49.24 2 0.2

**January 4 2018 Hour: 20:23 42.0 Lat: 36.26N Lon: 11.56W Depth: 36F 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	284	65	EP		2024	20.08	-0.02							1.0
MORF	HN	284	65	ES		2024	47.75	-0.16							1.0
MORF	HE	284	65	IAML		2024	50.04			5	0.3				
MESJ	HN	345	58	ES		2025	1.07	0.19							1.0
MESJ	HE	345	58	IAML		2025	2.60			0.80	0.1				

**January 5 2018 Hour: 0:35 46.1 Lat: 37.33N Lon: 8.62W Depth: 14F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.1 secs**

NW MONCHIQUÉ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	225	EP		035	48.38	-.150							1.0
MORF	HN	4	225	ES		035	50.42	0.130							1.0
MORF	HE	4	225	IAML		035	50.67			8	0.1				
MESJ	HN	67	32	ES		036	4.80	0.020							1.0
MESJ	HN	67	32	IAML		036	7.68			0.90	0.1				

**January 5 2018 Hour: 3:56 44.7 Lat: 37.21N Lon: 9.04W Depth: 30F Agency: IGL Regional
Magnitudes: 0.4ML 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	36	73	EP		356	52.07	0.130							1.0
MORF	HE	36	73	ES		356	57.23	0.030							1.0
MORF	HN	36	73	IAML		356	57.87			6	0.1				
MESJ	HZ	101	46	EP		356	59.90	-.150							1.0
MESJ	HE	101	46	ES		357	11.23	-.010							1.0
MESJ	HN	101	46	IAML		357	11.99			0.50	0.1				

**January 5 2018 Hour: 20:30 28.0 Lat: 37.47N Lon: 8.74W Depth: 12F Agency: IGL Regional
Magnitudes: 3.7ML IGL Rms: 0.1 secs**

SW ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	20	157	EP		2030	31.66	-.160							1.0
MORF	HE	20	157	ES		2030	34.65	0.050							1.0
MORF	HN	20	157	IAML		2030	35.06			22713	0.3				
MESJ	HZ	62	48	EP		2030	37.92	-.100							1.0
MESJ	HN	62	48	ES		2030	45.27	-.060							1.0
MESJ	HN	62	48	IAML		2030	45.76			1166	0.2				
GGNV	HZ	143	346	EP		2030	50.17	0.180							0.9
GGNV	HE	143	346	ES		2031	6.15	0.120							0.9
GGNV	HE	143	346	IAML		2031	10.03			1729	0.5				

**January 6 2018 Hour: 13:57 1.4 Lat: 36.56N Lon: 8.42W Depth: 22F 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	85	346	EP		1357	14.96	-.050							1.0
MORF	HE	85	346	ES		1357	24.92	-.060							1.0
MORF	HE	85	346	IAML		1357	26.41			15	0.2				
MESJ	HZ	143	7	EP		1357	22.66	0.160							1.0
MESJ	HN	143	7	ES		1357	37.90	-.030							1.0
MESJ	HN	143	7	IAML		1357	38.68			8	0.1				

January 7 2018 Hour: 4:50 7.6 Lat: 36.72N Lon: 7.42W Depth: 22F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	301	EP		450	26.77	-.070							1.0
MORF	HE	127	301	ES		450	40.69	-.180							1.0
MORF	HE	127	301	IAML		450	42.69			8	0.3				
MESJ	HZ	143	331	EP		450	28.84	0.090							1.0
MESJ	HN	143	331	ES		450	44.33	0.160							1.0
MESJ	HE	143	331	IAML		450	45.42			2	0.1				

January 7 2018 Hour: 6:47 13.8 Lat: 24.76N Lon: 94.91E Depth: 22F Agency: IGL Distant
 Magnitudes: 6.1Mb IGL Rms: 0.0 secs

MYANMAR-INDIA BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9433	309	EP		659	46.61	-.040							1.0
MESJ	BZ	9433	309	IAMB		659	48.31			129	1.1				
MORF	BZ	9494	309	EP		659	49.51	0.040							1.0
MORF	BZ	9494	309	IAMB		659	50.72			167	1.2				

January 8 2018 Hour: 6:59 20.7 Lat: 35.42N Lon: 3.75W Depth: 2F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	481	305	EP		7 0	25.51	-.070							1.0
MESJ	HE	481	305	ES		7 1	13.01	0.070							1.0
MESJ	HE	481	305	IAML		7 1	19.14			0.70	0.2				

January 8 2018 Hour: 19: 0 4.8 Lat: 36.55N Lon: 4.47W Depth: 34F Agency: IGL Regional
 Magnitudes: 2.2ML 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	363	294	EP		19 0	52.71	0.070							1.0
MESJ	HN	363	294	ES		19 1	27.56	0.040							1.0
MESJ	HN	363	294	IAML		19 1	28.80			6	0.2				
MORF	HZ	382	284	EP		19 0	54.88	-.150							1.0
MORF	HN	382	284	ES		19 1	31.71	0.040							1.0
MORF	HN	382	284	IAML		19 1	32.56			8	0.1				

January 8 2018 Hour: 23: 3 21.8 Lat: 37.25N Lon: 7.87W Depth: 6F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.2 secs

N S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	70	275	EP		23 3	32.84	-0.24							1.0
MESJ	HZ	72	335	EP		23 3	33.63	0.13							1.0
MESJ	HE	72	335	ES		23 3	42.17	0.11							1.0
MESJ	HN	72	335	IAML		23 3	43.07			4	0.1				

January 9 2018 Hour: 3:58 27.4 Lat: 37.89N Lon: 9.70W Depth: 2F Agency: IGL Regional
 Magnitudes: 1.2ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	125	EP		358	45.58	-.050							1.0
MORF	HN	113	125	ES		358	59.06	0.110							1.0
MORF	HN	113	125	IAML		359	1.14			5	0.1				
MESJ	HZ	130	92	EP		358	48.19	-.180							1.0
MESJ	HE	130	92	ES		359	3.81	0.120							1.0
MESJ	HN	130	92	IAML		359	5.10			3	0.2				

January 9 2018 Hour: 10:34 48.7 Lat: 39.52N Lon: 8.93W Depth: 5F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SE ALCOBACA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	196	161	EPg		1035	20.30	-.060							1.0
MESJ	HE	196	161	ESg		1035	43.560	.060							1.0
MESJ	HE	196	161	IAML		1035	45.05			4	0.3				

January 10 2018 Hour: 2:51 32.6 Lat: 17.47N Lon: 83.52W Depth: 10F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.1 secs

NORTH OF HONDURAS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7482	55	EP		3 2	27.280	.040							1.0
GGNV	BE	7482	55	ES		311	22.78	-.160							1.0
GGNV	BN	7482	55	IAMs_20		319	57.07		474000		29.1				
MORF	BZ	7539	56	EP		3 2	30.730	.150							1.0
MORF	BN	7539	56	ES		311	29.15	-.120							1.0
MORF	BN	7539	56	IAMs_20		320	21.86		436000		27.5				
MESJ	BZ	7572	56	EP		3 2	32.440	.080							1.0
MESJ	BN	7572	56	ES		311	32.680	.010							1.0
MESJ	BZ	7572	56	IAMs_20		323	37.05		365000		31.9				

January 10 2018 Hour: 4:43 37.0 Lat: 36.48N Lon: 9.82W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	139	48	EP		443	57.920	.040							1.0
MORF	HE	139	48	ES		444	13.08	-.040							1.0
MORF	HN	139	48	IAML		444	13.94			22	0.1				
MESJ	HZ	207	43	EP		444	6.37	-.020							1.0
MESJ	HN	207	43	ES		444	27.850	.020							1.0
MESJ	HN	207	43	IAML		444	29.78			6	0.2				

January 10 2018 Hour: 5:5 58.5 Lat: 38.75N Lon: 8.14W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	101	184	EPg		5 6	15.070	.130							1.0
MESJ	HE	101	184	ES		5 6	26.33	-.100							1.0
MESJ	HE	101	184	IAML		5 6	28.16			2	0.1				
MORF	HZ	167	196	EPg		5 6	25.41	-.040							1.0

January 10 2018 Hour: 7:31 3.5 Lat: 43.55N Lon: 14.18W Depth: 0 Agency: IGL Regional
Magnitudes: 2.9ML 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	810	140	EP		732	47.90	-.130							1.0
MESJ	HN	810	140	ES		734	4.550	.220							1.0
MESJ	HE	810	140	IAML		734	10.27			9	0.3				
MORF	HZ	837	144	EP		732	50.92	-.370							1.0
MORF	HN	837	144	ES		734	10.250	.280							1.0
MORF	HN	837	144	IAML		734	13.29			8	0.2				

January 10 2018 Hour: 12:4 37.0 Lat: 36.81N Lon: 8.22W Depth: 9F 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	67	325	EP		12 4	47.63	-.250							1.0
MORF	HE	67	325	ES		12 4	56.020	.170							1.0
MORF	HE	67	325	IAML		12 4	57.11			28	0.1				
MESJ	HZ	114	360	EP		12 4	55.12	-.000							1.0
MESJ	HN	114	360	ES		12 5	8.470	.100							1.0
MESJ	HN	114	360	IAML		12 5	9.83			10	0.1				

January 10 2018 Hour: 18:540.1 Lat: 36.07N Lon: 8.00W Depth: 30F 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	149	337	EP		18	6	1.32-.120							1.0
MORF	HN	149	337	ES		18	6	17.050.040							1.0
MORF	HE	149	337	IAML		18	6	17.98		58	0.2				
MESJ	HZ	197	354	EP		18	6	7.430.010							1.0
MESJ	HE	197	354	ES		18	6	27.450.080							1.0
MESJ	HN	197	354	IAML		18	6	29.37		43	0.2				

January 11 2018 Hour: 6:5931.2 Lat: 33.76N Lon: 45.75E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4833	291	EP		7	7	34.360.010							1.0
MESJ	BZ	4833	291	IAMB		7	7	36.40		191	1.8				
MORF	BZ	4883	291	EP		7	7	37.99-.010							1.0
MORF	BZ	4883	291	IAMB		7	7	43.17		258	2.0				

January 11 2018 Hour: 7:1416.5 Lat: 33.85N Lon: 45.76E Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4830	291	EP		722	19.46-.060								1.0
MESJ	BZ	4830	291	IAMB		722	24.95			18	0.8				

January 11 2018 Hour: 7:2143.0 Lat: 33.13N Lon: 46.46E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4920	292	EP		729	52.580.040								1.0
MESJ	BZ	4920	292	IAMB		729	57.21			21	0.8				

January 11 2018 Hour: 9:2131.1 Lat: 36.78N Lon: 6.92W Depth: 32F 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
MESJ	HE	165	316	ES		922	11.18-.070								1.0
MORF	HZ	165	291	EP		921	54.26-.100								1.0
MORF	HN	165	291	ES		922	11.400.070								1.0
MESJ	HZ	165	316	EP		921	54.420.100								1.0
MESJ	HE	165	316	IAML		922	11.69			3	0.1				
MORF	HN	165	291	IAML		922	11.96			11	0.1				

January 11 2018 Hour: 17:5333.6 Lat: 23.92S Lon: 179.95E Depth: 508F Agency: IGL Distant
Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18298	25	EPKpdf			1812	38.090.020								1.0
MORF	BZ18330	27	EPKpdf			1812	38.36-.020								1.0

January 11 2018 Hour: 18:2557.1 Lat: 36.45N Lon: 9.94W Depth: 31F 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	149	50	EP		1826	17.57-.040								1.0
MORF	HN	149	50	ES		1826	32.650.050								1.0
MORF	HN	149	50	IAML		1826	33.40			8	0.1				
MESJ	HE	217	44	ES		1826	47.19-.020								1.0
MESJ	HN	217	44	IAML		1826	48.45			1	0.0				

January 11 2018 Hour: 18:26 24.4 Lat: 18.36N Lon: 96.08E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Mb IGL Rms: 0.0 secs

MYANMAR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9980	310	EP		1839	22.940	.010							1.0
MESJ	BZ	9980	310	IAMB		1839	28.24			106	1.0				
MORF	BZ10039	310	EP			1839	25.44	-.010							1.0
MORF	BZ10039	310	IAMB			1839	31.57			191	1.3				

January 12 2018 Hour: 5:55 50.8 Lat: 36.86N Lon: 10.96W Depth: 28F 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	211	76	EP		556	19.92	-.110							1.0
MORF	HE	211	76	ES		556	41.29	-.050							1.0
MORF	HN	211	76	IAML		556	42.24			24	0.2				
MESJ	HZ	266	65	EP		556	26.880	.050							1.0
MESJ	HN	266	65	ES		556	53.220	.120							1.0
MESJ	HE	266	65	IAML		556	54.18			4	0.1				

January 12 2018 Hour: 10:44 17.5 Lat: 36.92N Lon: 13.50W Depth: 46F 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
MESJ	HZ	479	76	EP		1045	18.97	-.060							1.0
MESJ	HE	479	76	ES		1046	4.000	.060							1.0
MESJ	HN	479	76	IAML		1046	6.13			3	0.3				

January 13 2018 Hour: 10:31 49.5 Lat: 38.44N Lon: 7.85W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	206	EP		1032	1.570	.040							1.0
MESJ	HN	74	206	ES		1032	10.27	-.040							1.0
MESJ	HN	74	206	IAML		1032	12.49			9	0.2				

January 13 2018 Hour: 20:50 34.6 Lat: 35.40N Lon: 3.76W Depth: 8F Agency: IGL Regional
Magnitudes: 2.2ML 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	482	305	EP		2051	38.94	-.040							1.0
MESJ	HN	482	305	ES		2052	25.97	-.000							1.0
MESJ	HN	482	305	IAML		2052	28.07			3	0.3				
MORF	HE	488	297	ES		2052	27.170	.040							1.0
MORF	HE	488	297	IAML		2052	30.04			7	0.3				

January 14 2018 Hour: 9:18 45.6 Lat: 15.78S Lon: 74.74W Depth: 36F Agency: IGL Distant
Magnitudes: 7.6Ms IGL Rms: 0.1 secs

NEAR COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9068	47	EP		930	59.34	-.040							1.0
MORF	BE	9068	47	ES		941	9.080	.100							1.0
MORF	BZ	9068	47	IAMs_20	10	3	25.75			261000	22.4				
GGNV	BZ	9102	46	EP		931	0.85	-.020							1.0
GGNV	BE	9102	46	ES		941	11.990	.080							1.0
GGNV	BZ	9102	46	IAMs_20	10	4	7.92			304000	16.0				
MESJ	BZ	9129	47	EP		931	2.05	-.160							0.9
MESJ	BE	9129	47	ES		941	14.570	.040							1.0
MESJ	BZ	9129	47	IAMs_20	10	3	55.18			188000	17.0				

January 14 2018 Hour: 9:19 30.2 Lat: 36.49N Lon: 70.74E Depth:204F Agency: IGL Distant
Magnitudes: 5.1ML 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	6789	297	EP		929	22.54	-.030							1.0
MESJ	BZ	6789	297	IAMB		929	23.52			33	0.9				

January 14 2018 Hour: 13:55 30.5 Lat: 36.62N Lon: 7.94W Depth: 22F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	99	320	EP		1355	46.210	.140							1.0
MORF	HN	99	320	ES		1355	57.39	-.070							1.0
MORF	HN	99	320	IAML		1355	57.92			7	0.1				
MESJ	HZ	138	350	EP		1355	50.91	-.020							1.0
MESJ	HE	138	350	ES		1356	5.81	-.050							1.0
MESJ	HE	138	350	IAML		1356	6.74			4	0.1				

January 15 2018 Hour: 0: 7 37.4 Lat: 36.78N Lon: 8.43W Depth: 3F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.3 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	62	341	EP		0 7	46.84	-0.47							1.0
MORF	HE	62	341	ES		0 7	54.83	0.27							1.0
MORF	HE	62	341	IAML		0 7	57.00			81	0.2				
MESJ	HZ	119	9	EP		0 7	56.71	0.12							1.0
MESJ	HN	119	9	ES		0 8	10.69	0.08							1.0
MESJ	HE	119	9	IAML		0 8	12.12			26	0.2				

January 15 2018 Hour: 1:25 50.3 Lat: 31.74N Lon: 7.50W Depth: 0 Agency: IGL Regional
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	626	351	EP		127	12.86	-.130							1.0
MESJ	HZ	680	355	EP		127	19.600	.140							1.0

January 15 2018 Hour: 11:51 40.6 Lat: 38.79N Lon: 7.93W Depth: 11F Agency: IGL Regional
Magnitudes: 5.1ML IGL Rms: 0.4 secs

NE ARRAIOSLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	106	266	EP		1151	57.580	.180							0.5
GGNV	HN	106	266	ES		1152	9.820	.140							0.7
GGNV	HN	106	266	IAML		1152	17.04			57395	0.5				
MESJ	HN	109	194	ES		1152	10.340	.060							0.7
MESJ	HE	109	194	IAML		1152	11.79			22878	0.5				
MORF	HZ	177	201	EP		1152	6.46	-.420							0.7
MORF	HE	177	201	ES		1152	27.56	1.47							0.2
MORF	HE	177	201	IAML		1152	29.31			16160	0.7				
MESJ	HZ	109	194	EP		1151	57.71	-.040							0.7

January 16 2018 Hour: 0:33 42.2 Lat: 37.30N Lon: 8.52W Depth: 8F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	272	EP		033	44.40	-.140							1.0
MORF	HN	12	272	ES		033	46.380	.130							1.0
MORF	HE	12	272	IAML		033	46.64			25	0.1				
MESJ	HZ	66	24	EP		033	52.860	.030							1.0
MESJ	HN	66	24	ES		034	0.58	-.020							1.0
MESJ	HE	66	24	IAML		034	1.34			0.90	0.0				

January 16 2018 Hour: 2: 4 59.7 Lat: 38.78N Lon: 7.96W Depth: 3F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

NE ARRAIOS, PORTUGAL Net:IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	192	EP		2	5	16.87	-.050						1.0
MESJ	HN	107	192	ES		2	5	29.560	.050						1.0
MESJ	HN	107	192	IAML		2	5	31.15			9	0.2			

January 16 2018 Hour: 5:10 46.7 Lat: 37.34N Lon: 8.55W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML 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	10	247	EP		510	49.03	-.220							1.0
MORF	HN	10	247	ES		510	51.320	.180							1.0
MORF	HN	10	247	IAML		510	51.64			104	0.3				
MESJ	HZ	63	28	EP		510	56.930	.090							1.0
MESJ	HE	63	28	ES		511	4.20	-.060							1.0
MESJ	HN	63	28	IAML		511	5.23				5	0.2			

January 16 2018 Hour: 9:12 46.7 Lat: 36.55N Lon: 9.87W Depth: 18F 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	137	52	EP		913	7.450	.020							1.0
MORF	HE	137	52	ES		913	22.600	.010							1.0
MORF	HN	137	52	IAML		913	23.27				14	0.1			
MESJ	HZ	205	45	EP		913	15.78	-.040							1.0
MESJ	HN	205	45	ES		913	37.120	.020							1.0
MESJ	HN	205	45	IAML		913	38.71				3	0.1			

January 16 2018 Hour: 13: 2 8.0 Lat: 4.66S Lon: 144.06E Depth: 76F Agency: IGL Distant
Rms: 0.0 secs

NEAR COAST OF NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15407	326	EPKPdf			1321	24.19	-.030							1.0
MORF	BZ15477	326	EPKPdf			1321	25.430	.030							1.0

January 16 2018 Hour: 15: 2 28.6 Lat: 15.78S Lon: 74.64W Depth: 44F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

NEAR COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9060	47	EP		1514	41.240	.160							1.0
MORF	BZ	9060	47	IAMB		1514	42.09				12	0.9			
MESJ	BZ	9122	47	EP		1514	43.76	-.160							1.0
MESJ	BZ	9122	47	IAMB		1514	44.24				13	0.9			

January 16 2018 Hour: 15: 3 54.1 Lat: 10.94N Lon: 86.35W Depth: 31F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

NEAR COAST OF NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8204	54	EP		1515	25.26	-.010							1.0
MORF	BZ	8204	54	IAMB		1515	26.43				18	0.7			

January 16 2018 Hour: 19:18 7.3 Lat: 37.80N Lon: 8.26W Depth: 6F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

SW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	6	39	EP		1918	8.62	-.040							1.0
MESJ	HN	6	39	ES		1918	9.690	.040							1.0
MESJ	HN	6	39	IAML		1918	10.19				40	0.1			

January 16 2018 Hour: 19:57 18.0 Lat: 19.46S Lon: 179.28W Depth:659F 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	BZ17816		21	EP	KP	df	2016	3.08	0.040						1.0
MORF	BZ17852		23	EP	KP	df	2016	3.41	-0.040						1.0

January 17 2018 Hour: 0:57 20.0 Lat: 35.47N Lon: 3.76W Depth: 0 Agency: IGL Regional
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		478	305	EP		058	24.73	0.100						1.0
MORF	HZ		484	296	EP		058	25.32	-0.100						1.0

January 17 2018 Hour: 6:35 43.9 Lat: 38.78N Lon: 7.96W Depth: 6F Agency: IGL Regional
Magnitudes: 1.1ML IGL
Rms: 0.1 secs

NE ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ		107	192	EP		636	1.21	0.130						1.0
MESJ	HE		107	192	ES		636	13.50	-0.130						1.0
MESJ	HN		107	192	IAML		636	14.88			4	0.2			

January 17 2018 Hour: 22:56 59.2 Lat: 30.09S Lon: 177.76W Depth: 30F Agency: IGL Distant
Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18604		44	EP	KP	df	2317	1.63	0.100						1.0
MESJ	BZ18728		46	EP	KP	df	2317	2.28	-0.080						1.0
MORF	BZ18734		49	EP	KP	df	2317	2.44	-0.010						1.0

January 18 2018 Hour: 11:43 3.0 Lat: 36.25N Lon: 7.64W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL
Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ		148	323	EP		1143	26.71	-0.060						1.0
MESJ	HZ		184	344	EP		1143	31.40	0.100						1.0
MESJ	HN		184	344	ES		1143	51.90	-0.050						1.0
MESJ	HN		184	344	IAML		1143	53.32			15	0.3			

January 19 2018 Hour: 4:40 58.6 Lat: 35.59N Lon: 4.74W Depth: 30F 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
MORF	HZ		399	300	EP		441	51.05	0.040						1.0
MORF	HE		399	300	ES		442	29.24	-0.000						1.0
MESJ	HZ		399	310	EP		441	50.86	-0.080						1.0
MESJ	HE		399	310	ES		442	29.16	0.040						1.0
MESJ	HN		399	310	IAML		442	30.49			7	0.1			
MORF	HN		399	300	IAML		442	31.93			43	0.2			

January 19 2018 Hour: 6:43 22.4 Lat: 37.32N Lon: 8.54W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML 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	260	EP		643	24.56	-0.310						1.0
MORF	HE		10	260	ES		643	26.94	0.260						1.0
MORF	HE		10	260	IAML		643	27.86			21	0.1			
MESJ	HZ		64	26	EP		643	32.89	0.030						1.0
MESJ	HN		64	26	ES		643	40.52	0.030						1.0
MESJ	HN		64	26	IAML		643	41.33			7	0.2			

January 19 2018 Hour: 9:47 4.2 Lat: 36.55N Lon: 9.82W Depth: 24F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	134	51	EP		947	24.070	.050							1.0
MESJ	HZ	202	44	EP		947	32.39	-.070							1.0
MESJ	HN	202	44	ES		947	53.100	.020							1.0
MESJ	HN	202	44	IAML		947	54.50			3	0.2				

January 19 2018 Hour: 13:49 16.0 Lat: 36.45N Lon: 9.80W Depth: 49F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Nert: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	139	47	EP		1349	36.22	-.050							1.0
MORF	HN	139	47	ES		1349	51.07	-.030							1.0
MORF	HN	139	47	IAML		1349	52.00			22	0.1				
MESJ	HZ	209	42	EP		1349	44.59	-.060							1.0
MESJ	HN	209	42	ES		1350	5.740	.140							1.0
MESJ	HN	209	42	IAML		1350	8.34			4	0.2				

January 19 2018 Hour: 16:17 42.9 Lat: 26.68N Lon: 111.11W Depth: 10F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.1 secs

GULF OF CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9161	51	EP		1630	5.03	-.100							1.0
GGNV	BN	9161	51	ES		1640	21.860	.030							1.0
GGNV	BZ	9161	51	IAMs_20		17 4	11.18			49141	23.9				
MORF	BZ	9274	52	EP		1630	10.43	-.050							1.0
MORF	BE	9274	52	ESKSac		1640	31.760	.050							1.0
MORF	BZ	9274	52	IAMs_20		17 2	51.55			30625	22.9				
MESJ	BZ	9279	51	EP		1630	10.760	.100							1.0
MESJ	BE	9279	51	ESKSac		1640	31.90	-.030							1.0
MESJ	BZ	9279	51	IAMs_20		17 2	42.00			37601	25.9				

January 19 2018 Hour: 17:31 12.3 Lat: 36.52N Lon: 9.04W 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	94	22	EP		1731	27.230	.040							1.0
MORF	HE	94	22	ES		1731	38.200	.130							1.0
MORF	HE	94	22	IAML		1731	40.37			19	0.1				
MESJ	HZ	164	26	EP		1731	36.30	-.190							1.0

January 19 2018 Hour: 18:48 45.1 Lat: 35.42N Lon: 3.70W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML 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	485	305	EP		1849	50.58	-.070							1.0
MESJ	HN	485	305	ES		1850	38.590	.070							1.0
MESJ	HN	485	305	IAML		1850	43.50			6	0.3				

January 19 2018 Hour: 22:17 55.8 Lat: 33.72N Lon: 45.71E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4831	291	EP		2225	58.900	.000							1.0
MESJ	BZ	4831	291	IAMB		2226	3.61			18	1.0				

January 20 2018 Hour: 5:36 52.4 Lat: 36.25N Lon: 9.80W Depth: 32F Agency: IGL Regional
Magnitudes: 2.8ML 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	156	41	EP		537	14.530	.030							1.0
MORF	HE	156	41	ES		537	30.650	.020							1.0
MORF	HN	156	41	IAML		537	31.98		186	0.3					
MESJ	HZ	226	38	EP		537	23.15-	.020							1.0
MESJ	HN	226	38	ES		537	45.630	.000							1.0
MESJ	HN	226	38	IAML		537	48.11		35	0.1					
GGNV	HE	280	12	ES		537	57.21-	.030							0.9
GGNV	HN	280	12	IAML		537	58.44		57	0.2					

January 20 2018 Hour: 11:42 41.1 Lat: 37.38N Lon: 8.51W Depth: 5F Agency: IGL Regional
Magnitudes: 2.7ML 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	236	IP	D	1142	43.61-	.110							1.0
MORF	HE	15	236	ES		1142	45.630	.000							1.0
MORF	HE	15	236	IAML		1142	46.84		4637	0.1					
MESJ	HZ	57	27	EP		1142	50.540	.180							1.0
MESJ	HN	57	27	ES		1142	57.04-	.070							1.0
MESJ	HE	57	27	IAML		1142	58.31		286	0.1					

January 20 2018 Hour: 20:14 9.9 Lat: 36.72N Lon: 8.81W Depth: 0 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	66	12	EP		2014	20.600	.010							1.0
MORF	HN	66	12	ES		2014	28.38-	.020							1.0
MORF	HN	66	12	IAML		2014	34.49		93	0.3					
MESJ	HZ	135	23	EP		2014	31.50-	.130							1.0
MESJ	HN	135	23	ES		2014	47.650	.140							1.0
MESJ	HN	135	23	IAML		2014	49.59		23	0.3					

January 21 2018 Hour: 1: 6 41.1 Lat: 18.89S Lon: 69.62W Depth: 110F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.1 secs

TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8912	45	EP		118	38.990	.050							1.0
MORF	BZ	8912	45	IAMB		118	49.82		231	0.9					
MORF	BN	8912	45	ES		128	34.85-	.100							1.0
MESJ	BZ	8976	45	EP		118	42.000	.030							1.0
MESJ	BZ	8976	45	IAMB		118	46.22		227	1.4					
MESJ	BN	8976	45	ES		128	40.890	.020							1.0

January 21 2018 Hour: 9:16 27.6 Lat: 37.13N Lon: 5.11W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	286	287	EP		917	7.510	.070							1.0

January 22 2018 Hour: 0:18 8.2 Lat: 38.77N Lon: 9.24W Depth: 13F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

NW AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	10	127	EP		018	10.80-	.020							1.0
GGNV	HE	10	127	ES		018	12.760	.020							1.0
GGNV	HN	10	127	IAML		018	13.04		309	0.2					

**January 22 2018 Hour: 5: 7 4.4 Lat: 36.88N Lon: 10.81W Depth: 26F 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	197	76	EP		5 7	31.92	-.120							1.0
MORF	HN	197	76	ES		5 7	52.20	-.020							1.0
MORF	HN	197	76	IAML		5 7	53.47			5	0.1				
MESJ	HN	253	64	ES		5 8	4.230	.150							1.0
MESJ	HE	253	64	IAML		5 8	5.70			1	0.1				

**January 22 2018 Hour: 8: 3 25.6 Lat: 37.11N Lon: 5.09W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML 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	289	287	EP		8 4	6.81	-.120							1.0
MESJ	HN	289	287	ES		8 4	37.240	.130							1.0
MESJ	HN	289	287	IAML		8 4	39.43			10	0.3				
MORF	HZ	317	275	EP		8 4	10.39	-.110							1.0
MORF	HN	317	275	ES		8 4	43.390	.100							1.0
MORF	HN	317	275	IAML		8 4	46.83			22	0.3				

**January 22 2018 Hour: 11:26 1.8 Lat: 36.64N Lon: 7.31W Depth: 31F 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
MESJ	HZ	156	329	EP		1126	23.13	-.030							1.0
MESJ	HE	156	329	ES		1126	38.780	.030							1.0
MESJ	HE	156	329	IAML		1126	40.11			0.90	0.1				

**January 22 2018 Hour: 13:50 40.5 Lat: 36.78N Lon: 10.71W 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	192	72	EP		1351	6.430	.060							1.0
MORF	HN	192	72	ES		1351	25.280	.000							1.0
MORF	HN	192	72	IAML		1351	25.87			42	0.1				
MESJ	HZ	250	61	EP		1351	13.39	-.160							1.0
MESJ	HE	250	61	ES		1351	37.790	.090							1.0
MESJ	HN	250	61	IAML		1351	38.75			6	0.2				

**January 23 2018 Hour: 5:59 57.3 Lat: 5.88S Lon: 154.71E Depth: 152F Agency: IGL Distant
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
MESJ	BZ16096	336	EPKP			619	14.55	-.080							1.0
MORF	BZ16167	336	EPKP			619	16.820	.080							1.0

**January 23 2018 Hour: 6:34 54.0 Lat: 7.20S Lon: 105.92E Depth: 43F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.0 secs**

JAVA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12624	308	EPP			654	18.34	-.030							1.0
MESJ	BZ12624	308	IAMs_20			738	38.19			1444	15.8				
MORF	BZ12672	308	EPP			654	21.45	-.000							1.0
MORF	BZ12672	308	IAMs_20			738	40.92			1672	18.3				
GGNV	BZ12688	309	EPP			654	22.430	.040							1.0
GGNV	BZ12688	309	IAMs_20			741	2.02			3083	30.9				

January 23 2018 Hour: 7:27 31.3 Lat: 36.51N Lon: 4.46W Depth: 85F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	365	295	EP		728	18.86	-.020							1.0
MESJ	HN	365	295	ES		728	53.54	-.080							1.0
MESJ	HN	365	295	IAML		728	56.45			12	0.2				
MORF	HZ	384	285	EP		728	21.130	.000							1.0
MORF	HN	384	285	ES		728	57.610	.110							1.0
MORF	HN	384	285	IAML		728	59.99			13	0.2				

January 23 2018 Hour: 9:31 43.5 Lat: 56.05N Lon: 149.07W Depth: 25F Agency: IGL Distant
Magnitudes: 7.8Ms IGL Rms: 0.1 secs

GULF OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8846	31	EP		943	48.18	-.080							1.0
GGNV	BN	8846	31	ES		953	49.060	.070							1.0
GGNV	BN	8846	31	IAMs_20		1010	18.72		1445000		66.7				
MESJ	BZ	8966	30	EP		943	54.150	.030							1.0
MESJ	BN	8966	30	ES		954	0.34	-.060							1.0
MESJ	BZ	8966	30	IAMs_20		1010	39.03		1024000		50.7				
MORF	BZ	9008	31	EP		943	56.300	.120							1.0
MORF	BN	9008	31	ES		954	4.32	-.080							1.0
MORF	BN	9008	31	IAMs_20		1010	38.25		670000		38.1				

January 23 2018 Hour: 11:46 59.9 Lat: 56.54N Lon: 149.17W Depth: 24F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

GULF OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8922	30	EP		1159	8.610	.090							1.0
MESJ	BZ	8922	30	IAMB		1159	10.20			31	1.3				
MORF	BZ	8963	31	EP		1159	10.51	-.090							1.0
MORF	BZ	8963	31	IAMB		1159	11.73			19	0.6				

January 23 2018 Hour: 23:37 33.5 Lat: 36.23N Lon: 8.20W Depth: 37F 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	126	341	EP		2337	51.91	-.080							1.0
MESJ	HZ	179	359	EP		2337	58.640	.150							1.0
MESJ	HN	179	359	ES		2338	16.64	-.070							1.0
MESJ	HN	179	359	IAML		2338	18.29			3	0.2				

January 24 2018 Hour: 0:4 49.8 Lat: 56.53N Lon: 148.51W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb 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
MORF	BZ	8943	31	EP		017	1.82	-.020							1.0
MORF	BZ	8943	31	IAMB		017	4.28			17	0.9				
MORF	BN	8943	31	ES		027	8.840	.020							1.0

January 24 2018 Hour: 4:33 56.3 Lat: 37.23N Lon: 14.24W Depth: 5F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	496	87	EP		435	2.67	-.060							1.0
MESJ	HZ	537	81	EP		435	7.60	-.020							1.0
MESJ	HE	537	81	ES		435	59.740	.080							1.0
MESJ	HN	537	81	IAML		436	3.61			3	0.1				

January 24 2018 Hour: 5:46 23.9 Lat: 37.56N Lon: 7.99W Depth: 6F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs
NE ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	37	327	EP		546	30.080	.110							1.0
MESJ	HN	37	327	ES		546	34.23	-.160							1.0
MESJ	HN	37	327	IAML		546	36.57		777	0.1					
MORF	HZ	65	244	EP		546	34.630	.160							1.0
MORF	HE	65	244	ES		546	42.11	-.070							1.0
MORF	HE	65	244	IAML		546	47.33		687	0.2					
GGNV	HZ	164	322	EP		546	48.97	-.100							0.9
GGNV	HE	164	322	ESG		547	9.680	.060							0.9
GGNV	HE	164	322	IAML		547	15.32		325	0.2					

January 24 2018 Hour: 6: 6 37.1 Lat: 37.31N Lon: 8.59W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs
NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	264	EP		6	6	38.88	-.430						1.0
MORF	HN	6	264	ES		6	6	41.190	.260						1.0
MORF	HN	6	264	IAML		6	6	41.79		163	0.2				
MESJ	HZ	67	29	EP		6	6	48.090	.130						1.0
MESJ	HN	67	29	ES		6	6	55.950	.060						1.0
MESJ	HN	67	29	IAML		6	6	57.20		33	0.1				

January 24 2018 Hour: 6:20 29.7 Lat: 36.56N Lon: 11.21W Depth: 26F 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	HZ	242	69	EP		621	2.81	-.060							1.0
MORF	HN	242	69	ES		621	27.10	-.010							1.0
MORF	HN	242	69	IAML		621	28.21		3	0.1					
MESJ	HN	301	61	ES		621	39.740	.070							1.0
MESJ	HE	301	61	IAML		621	41.94		0.80	0.2					

January 24 2018 Hour: 7: 1 9.6 Lat: 39.25N Lon: 12.00W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	364	125	EP		7	1	59.330	.060						1.0
MESJ	HZ	365	114	EP		7	1	59.30	-.060						1.0

January 24 2018 Hour: 7:36 4.6 Lat: 36.37N Lon: 7.26W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML 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	HN	162	310	ES		736	45.20	-.040							1.0
MORF	HN	162	310	IAML		736	45.70		4	0.2					
MESJ	HZ	184	333	EP		736	30.850	.040							1.0

January 24 2018 Hour: 10:51 20.0 Lat: 41.12N Lon: 142.29E Depth: 39F Agency: IGL Distant
Magnitudes: 6.5Ms 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
GGNV	BZ10713	338	EP			11	4	44.530	.130						1.0
GGNV	BZ10713	338	EPP			11	8	38.460	.030						1.0
GGNV	BN10713	338	ESKSac			1115	17.840	.070							1.0
GGNV	BN10713	338	IAMs_20			1152	46.35		17395	18.1					
MESJ	BZ10774	337	EP			11	4	46.920	.020						1.0
MESJ	BZ10774	337	EPP			11	8	42.870	.210						1.0
MESJ	BN10774	337	ESKSac			1115	20.62	-.030							1.0
MESJ	BZ10774	337	IAMs_20			1153	1.16		11487	19.9					
MORF	BZ10843	337	EP			11	4	49.72	-.040						1.0

MORF BZ10843 337 EPP 11 8 47.30-.210 1.0
MORF BN10843 337 ESKSac 1115 23.78-.190 1.0
MORF BN10843 337 IAMs_20 1144 56.05 24770 35.5

**January 25 2018 Hour: 0:20 47.9 Lat: 36.62N Lon: 8.07W Depth: 19F 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	92	326	EP		021	2.630	.040							1.0
MORF	HN	92	326	ES		021	13.27-	.040							1.0
MORF	HE	92	326	IAML		021	14.61			3	0.0				

**January 25 2018 Hour: 1:15 59.1 Lat: 8.27N Lon: 91.78E Depth: 10F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.0 secs**

NICOBAR ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10329	309	EP			129	12.03-	.040							1.0
MESJ	BZ10329	309	IAMB			129	13.09			68	1.0				
MORF	BZ10380	308	EP			129	14.20-	.010							1.0
MORF	BZ10380	308	IAMB			129	15.93			60	1.2				
GGNV	BZ10387	310	EP			129	14.480	.060							1.0
GGNV	BZ10387	310	IAMB			129	15.48			78	1.0				

**January 25 2018 Hour: 2:10 34.3 Lat: 55.40N Lon: 166.48E Depth: 8F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs**

KOMANDORSKIYE OSTROVA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9572	357	EP		223	15.38-	.030							1.0
GGNV	BN	9572	357	ESKSac		233	41.760	.020							1.0
GGNV	BN	9572	357	ESS		239	31.480	.150							1.0
GGNV	BZ	9572	357	IAMs_20		259	23.84			12738	19.5				
MESJ	BZ	9665	356	EP		223	19.52-	.040							1.0
MESJ	BN	9665	356	ESKSac		233	47.01-	.020							1.0
MESJ	BN	9665	356	ESS		239	43.820	.150							1.0
MESJ	BZ	9665	356	IAMs_20		255	50.21			8414	20.8				
MORF	BZ	9726	356	EP		223	22.26-	.020							1.0
MORF	BN	9726	356	ESKSac		233	50.44-	.080							1.0
MORF	BN	9726	356	ESS		239	51.70-	.100							1.0
MORF	BZ	9726	356	IAMs_20		3	0	38.88		13716	23.0				

**January 25 2018 Hour: 13:46 30.4 Lat: 37.16N Lon: 7.63W Depth: 7F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs**

NE TAVIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	92	326	EP		1346	45.04-	.180							1.0
MESJ	HN	92	326	ES		1346	56.070	.020							1.0
MESJ	HN	92	326	IAML		1347	0.34			24	0.1				
MORF	HZ	92	280	EP		1346	45.470	.170							1.0

**January 26 2018 Hour: 12: 7 58.5 Lat: 36.92N Lon: 8.81W Depth: 22F 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	45	18	EP		12	8	6.510	.190						1.0
MORF	HE	45	18	ES		12	8	12.06-	.010						1.0
MORF	HE	45	18	IAML		12	8	12.63		243	0.2				
MESJ	HZ	115	27	EP		12	8	15.93-	.130						1.0
MESJ	HN	115	27	ES		12	8	28.84-	.070						1.0
MESJ	HN	115	27	IAML		12	8	31.46		21	0.2				

January 26 2018 Hour: 13:40 9.7 Lat: 36.51N Lon: 9.71W Depth: 10F 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	129	47	EP		1340	30.110	.100							1.0
MORF	HE	129	47	ES		1340	44.81	-.060							1.0
MORF	HE	129	47	IAML		1340	45.74			11	0.1				
MESJ	HZ	198	41	EP		1340	38.62	-.090							1.0
MESJ	HN	198	41	ES		1340	59.970	.050							1.0
MESJ	HN	198	41	IAML		1341	1.42			4	0.1				

January 26 2018 Hour: 20:23 55.9 Lat: 38.01N Lon: 8.58W Depth: 1 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

E SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	37	121	EP		2024	1.76	-.060							1.0
MESJ	HN	37	121	ES		2024	6.330	.170							1.0
MESJ	HN	37	121	IAML		2024	7.53			36	0.2				
MORF	HZ	79	185	EP		2024	8.44	-.100							1.0
MORF	HN	79	185	ES		2024	17.78	-.020							1.0
MORF	HN	79	185	IAML		2024	19.47			11	0.2				

January 26 2018 Hour: 21:23 32.9 Lat: 36.97N Lon: 5.27W Depth: 8F 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	279	291	EP		2124	12.120	.000							1.0

January 27 2018 Hour: 14:47 14.8 Lat: 36.71N Lon: 7.67W Depth: 21F 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
MESJ	HZ	135	339	EP		1447	35.000	.020							1.0
MESJ	HN	135	339	ES		1447	49.67	-.020							1.0
MESJ	HN	135	339	IAML		1447	51.31			2	0.1				

January 28 2018 Hour: 16:3 4.4 Lat: 53.06S Lon: 9.68E Depth: 10F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.1 secs

SOUTHWEST OF AFRICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10152	345	EP			1616	9.58	-.020							1.0
MORF	BN10152	345	ESKSac			1626	42.750	.070							1.0
MORF	BZ10152	345	IAMs_20			1652	36.06			25460	23.2				
MESJ	BZ10203	346	EP			1616	11.59	-.070							1.0
MESJ	BN10203	346	ESKSac			1626	45.260	.050							1.0
MESJ	BZ10203	346	IAMs_20			1653	4.15			18378	20.0				
GGNV	BZ10314	345	EP			1616	16.240	.030							1.0
GGNV	BE10314	345	ESKSac			1626	50.72	-.060							1.0
GGNV	BN10314	345	IAMs_20			1655	5.50			32231	16.7				

January 28 2018 Hour: 22:55 54.7 Lat: 36.94N Lon: 8.94W Depth: 29F 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	48	32	EP		2256	3.24	-.050							1.0
MORF	HN	48	32	ES		2256	9.570	.000							1.0
MORF	HN	48	32	IAML		2256	10.16			25	0.1				
MESJ	HZ	118	32	EP		2256	12.12	-.160							1.0
MESJ	HN	118	32	ES		2256	25.330	.210							1.0
MESJ	HN	118	32	IAML		2256	26.55			5	0.2				

January 29 2018 Hour: 0:35 14.3 Lat: 36.95N Lon: 5.30W 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	277	292	EP		035	53.080	.010							1.0

January 29 2018 Hour: 1: 4 9.7 Lat: 36.97N Lon: 5.32W Depth: 4F 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	275	291	EP		1 4	48.850	.010							1.0

January 29 2018 Hour: 1: 8 10.5 Lat: 36.96N Lon: 5.25W 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	281	291	EP		1 8	49.680	.030							1.0

January 29 2018 Hour: 2:23 31.5 Lat: 36.61N Lon: 9.70W Depth: 14F 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	121	50	EP		223	50.530	.020							1.0
MESJ	HZ	189	43	EP		223	59.01-	.060							1.0
MESJ	HE	189	43	ES		224	19.250	.040							1.0
MESJ	HN	189	43	IAML		224	20.84			5	0.1				

January 29 2018 Hour: 8:43 8.9 Lat: 36.93N Lon: 5.24W Depth: 15F 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	283	292	EP		843	47.980	.040							1.0
MESJ	HN	283	292	ES		844	16.42-	.040							1.0

January 30 2018 Hour: 1:52 22.3 Lat: 36.94N Lon: 5.28W 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	279	292	EP		153	1.18-	.020							1.0
MORF	HZ	302	279	EP		153	4.180	.030							1.0

January 30 2018 Hour: 2: 6 42.4 Lat: 36.96N Lon: 5.24W 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	281	291	EP		2 7	21.720	.010							1.0

January 30 2018 Hour: 6:33 54.0 Lat: 38.84N Lon: 8.25W Depth: 0 Agency: IGL Regional
Magnitudes: 1.4ML IGL
Rms: 0.0 secs

SW MORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	111	179	EP		634	11.930	.050							1.0
MESJ	HN	111	179	ES		634	24.91-	.050							1.0
MESJ	HN	111	179	IAML		634	26.39			8	0.2				

January 30 2018 Hour: 11: 0 23.1 Lat: 36.50N Lon: 6.99W Depth: 37F Agency: IGL Regional
Magnitudes: 1.3ML IGL
Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	173	302	ES		11 1	5.160	.070							1.0
MORF	HN	173	302	IAML		11 1	5.78			5	0.2				
MESJ	HZ	184	324	EP		11 0	48.840	.080							1.0
MESJ	HN	184	324	ES		11 1	7.35-	.150							1.0

MESJ HE 184 324 IAML 11 1 11.90 2 0.1

**January 30 2018 Hour: 22: 4 1.1 Lat: 35.45N Lon: 3.76W Depth: 1F Agency: IGL Regional
Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	479	305	EP		22	5	5.900	.020						1.0

**January 30 2018 Hour: 22:16 5.1 Lat: 35.41N Lon: 3.74W Depth: 0 Agency: IGL Regional
Magnitudes: 2.8ML 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	482	305	EP		2217	10.35	-.000							1.0
MESJ	HE	482	305	ES		2217	57.980	.000							1.0
MESJ	HN	482	305	IAML		2218	3.62			17	0.5				

**January 31 2018 Hour: 3:13 15.0 Lat: 6.98S Lon: 155.86E Depth: 82F Agency: IGL Distant
Rms: 0.0 secs**

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16258	337	EPK	Pdf		332	43.80	-.020							1.0
MORF	BZ16328	337	EPK	Pdf		332	44.950	.020							1.0

**January 31 2018 Hour: 7: 7 0.2 Lat: 36.54N Lon: 70.82E Depth:191FAgency: IGL Distant
Magnitudes: 5.9Mb 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	6793	297	EP		716	53.95	-.120							1.0
MESJ	BZ	6793	297	I Amb		716	55.41			192	1.0				
MESJ	BE	6793	297	ES		724	58.530	.050							1.0
GGNV	BZ	6825	299	EP		716	56.000	.070							1.0
GGNV	BZ	6825	299	I Amb		716	57.55			295	1.2				
GGNV	BN	6825	299	ES		725	2.020	.030							1.0
MORF	BZ	6853	297	EP		716	57.69	-.070							1.0
MORF	BE	6853	297	ES		725	5.450	.040							1.0

**January 31 2018 Hour: 13: 2 34.8 Lat: 36.61N Lon: 9.81W Depth: 10F 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	129	53	EP		13	2	55.090	.010						1.0
MORF	HE	129	53	ES		13	3	9.90	-.010						1.0
MORF	HN	129	53	IAML		13	3	11.26		37	0.1				
MESJ	HZ	196	45	EP		13	3	3.48	-.120						1.0
MESJ	HN	196	45	ES		13	3	24.760	.120						1.0
MESJ	HN	196	45	IAML		13	3	26.58		6	0.2				

**January 31 2018 Hour: 20: 1 46.0 Lat: 56.47N Lon: 149.06W Depth: 10F Agency: IGL Distant
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	8925	30	EP		2013	57.050	.020							1.0
MORF	BZ	8967	31	EP		2013	59.09	-.020							1.0

**January 31 2018 Hour: 23:50 42.0 Lat: 35.44N Lon: 3.74W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML 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	481	305	EP		2351	46.82	-.180							1.0
MESJ	HN	481	305	ES		2352	34.470	.010							1.0
MESJ	HN	481	305	IAML		2352	37.90			4	0.2				
MORF	HZ	487	297	EP		2351	47.910	.170							1.0

February 1 2018 Hour: 2:31 20.8 Lat: 37.80N Lon: 8.89W Depth: 10F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs
S SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	159	EP		231	30.30	-.100							1.0
MESJ	HZ	59	86	EP		231	30.38	-.060							1.0
MESJ	HE	59	86	ES		231	37.660	.160							1.0
MESJ	HN	59	86	IAML		231	38.61			1	0.1				

February 1 2018 Hour: 3:40 37.1 Lat: 36.55N Lon: 4.45W Depth: 26F Agency: IGL Regional
Magnitudes: 1.9ML 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	364	294	EP		341	25.460	.070							1.0
MESJ	HN	364	294	ES		342	0.54	-.110							1.0
MESJ	HN	364	294	IAML		342	2.71			4	0.2				
MORF	HZ	384	284	EP		341	27.870	.010							1.0
MORF	HN	384	284	ES		342	4.950	.030							1.0
MORF	HN	384	284	IAML		342	5.81			3	0.2				

February 1 2018 Hour: 3:46 7.0 Lat: 37.13N Lon: 8.05W Depth: 21F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs
SW LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	57	290	EP		346	16.49	-.030							1.0
MESJ	HZ	80	349	EP		346	19.970	.030							1.0
MESJ	HE	80	349	ES		346	29.400	.010							1.0
MESJ	HN	80	349	IAML		346	30.61			2	0.2				

February 1 2018 Hour: 4:15 42.5 Lat: 38.77N Lon: 7.93W Depth: 9F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.2 secs
NE ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HE	106	194	ES		416	11.970	.170							1.0
GGNV	HZ	106	267	EP		415	59.420	.040							1.0
GGNV	HE	106	267	ES		416	11.740	.010							1.0
GGNV	HE	106	267	IAML		416	14.09			384	0.5				
MESJ	HZ	106	194	EP		415	59.430	.010							1.0
MESJ	HN	106	194	IAML		416	13.64			311	0.1				
MORF	HZ	175	202	EP		416	8.35	-.370							1.0
MORF	HE	175	202	ES		416	28.010	.120							1.0
MORF	HE	175	202	IAML		416	31.72			175	0.1				

February 1 2018 Hour: 11:42 9.1 Lat: 36.78N Lon: 9.64W Depth: 18F 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	105	56	EP		1142	25.850	.070							1.0
MORF	HE	105	56	ES		1142	38.050	.080							1.0
MORF	HE	105	56	IAML		1142	38.89			16	0.2				
MESJ	HZ	172	47	EP		1142	34.03	-.170							1.0
MESJ	HE	172	47	ES		1142	52.540	.010							1.0
MESJ	HN	172	47	IAML		1142	53.05			2	0.2				

February 2 2018 Hour: 4:53 35.9 Lat: 37.19N Lon: 4.08W Depth: 0 Agency: IGL Regional
Magnitudes: 0.0ML 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	373	282	EP		454	27.76	-.010							1.0

February 2 2018 Hour: 6:23 55.8 Lat: 53.15N Lon: 35.14W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2677	119	EP		629	11.430	.010							1.0
MESJ	BZ	2677	119	IAmb		629	13.77			440	2.0				
MESJ	BE	2677	119	ES		633	30.100	.030							1.0
MORF	BZ	2696	120	EP		629	13.04	-.010							1.0
MORF	BZ	2696	120	IAmb		629	16.35			205	1.5				
MORF	BE	2696	120	ES		633	32.93	-.030							1.0

February 3 2018 Hour: 5:1 31.2 Lat: 37.02N Lon: 4.32W 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	357	286	EP		5 2	19.860	.050							1.0

February 3 2018 Hour: 7:50 58.6 Lat: 37.01N Lon: 4.32W 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	286	EP		751	47.320	.040							1.0
MESJ	HN	358	286	ES		752	22.75	-.040							1.0

February 3 2018 Hour: 21:29 44.2 Lat: 36.49N Lon: 9.09W Depth: 3F 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	98	23	EP		2129	59.97	-.070							1.0
MORF	HN	98	23	ES		2130	11.700	.070							1.0
MORF	HE	98	23	IAML		2130	15.50			8	0.1				
MESJ	HZ	169	27	EP		2130	10.24	-.000							1.0

February 4 2018 Hour: 8:22 22.5 Lat: 36.84N Lon: 7.33W Depth: 34F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	128	294	ES		822	54.89	-.040							1.0
MORF	HN	128	294	IAML		822	55.70			6	0.1				
MESJ	HZ	136	325	EP		822	42.190	.020							1.0
MESJ	HN	136	325	ES		822	56.550	.020							1.0
MESJ	HN	136	325	IAML		822	58.47			1	0.1				

February 4 2018 Hour: 13:24 34.8 Lat: 83.07N Lon: 6.09W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

NORTH OF SVALBARD Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5035	182	EP		1332	52.710	.020							1.0
MESJ	BZ	5035	182	IAmb		1332	55.41			35	1.0				
MORF	BZ	5094	183	EP		1332	56.96	-.020							1.0
MORF	BZ	5094	183	IAmb		1332	58.94			39	1.0				

February 4 2018 Hour: 13:56 42.7 Lat: 24.16N Lon: 121.68E Depth: 12F Agency: IGL Distant
Magnitudes: 6.8Ms IGL Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11386	323	EPP			1414	50.300	.010							1.0
GGNV	BZ11386	323	IAMs_20			15 3	44.27			23225	21.7				
MESJ	BZ11397	322	EPP			1414	51.160	.140							1.0
MESJ	BZ11397	322	IAMs_20			15 3	55.17			30696	15.8				
MORF	BZ11465	321	EPP			1414	55.55	-.160							1.0
MORF	BZ11465	321	IAMs_20			15 4	23.95			24995	15.3				

February 5 2018 Hour: 9:20 33.6 Lat: 37.31N Lon: 8.55W Depth: 16F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	266	EP		920	36.49	-.090							1.0
MORF	HN	9	266	ES		920	38.870	.090							1.0
MORF	HE	9	266	IAML		920	39.68			18	0.1				

February 6 2018 Hour: 4:4 54.7 Lat: 37.34N Lon: 2.09W 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	544	278	EP		4	6	6.170	.030						1.0

February 6 2018 Hour: 15:50 43.9 Lat: 24.17N Lon: 121.65E Depth: 11F Agency: IGL Distant
Magnitudes: 6.8Ms IGL Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11383	323	EPP			16	8	51.610	.190						1.0
GGNV	BE11383	323	IAMs_20			1647	12.03			57263	29.5				
MESJ	BZ11394	322	EPP			16	8	52.10	-.040						1.0
MESJ	BZ11394	322	IAMs_20			1658	15.54			46463	25.3				
MORF	BZ11463	321	EPP			16	8	56.69	-.150						1.0
MORF	BE11463	321	IAMs_20			1647	54.16			27417	25.3				

February 7 2018 Hour: 1:25 2.1 Lat: 37.29N Lon: 8.55W Depth: 13F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	280	EP		125	4.54	-.220							1.0
MORF	HE	9	280	ES		125	6.860	.180							1.0
MORF	HE	9	280	IAML		125	7.55			15	0.1				
MESJ	HZ	68	25	EP		125	13.070	.030							1.0
MESJ	HE	68	25	ES		125	21.030	.010							1.0
MESJ	HE	68	25	IAML		125	23.12			2	0.0				

February 7 2018 Hour: 1:31 52.2 Lat: 35.41N Lon: 3.73W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	305	EP		132	57.51	-.100							1.0
MESJ	HE	484	305	ES		133	45.420	.100							1.0
MESJ	HN	484	305	IAML		133	48.42			2	0.3				

February 7 2018 Hour: 9:2 3.2 Lat: 36.29N Lon: 8.46W Depth: 1F Agency: IGL Regional
Magnitudes: 2.0ML 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	HE	114	351	ES		9	2	35.060	.120						1.0
MORF	HN	114	351	IAML		9	2	39.09		26	0.2				
MESJ	HZ	173	7	EP		9	2	29.93	-.120						1.0

February 7 2018 Hour: 10:9 43.4 Lat: 36.57N Lon: 10.56W Depth: 34F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	188	64	ES		1010	28.800	.090							1.0
MORF	HN	188	64	IAML		1010	30.81			25	0.1				
MESJ	HZ	251	55	EP		1010	17.410	.080							1.0
MESJ	HN	251	55	ES		1010	41.91	-.180							1.0
MESJ	HN	251	55	IAML		1010	43.52			3	0.1				

February 7 2018 Hour: 12: 3 28.7 Lat: 20.65S Lon: 178.17W Depth: 582F 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	BZ17891		25	EP	Kdf	1222	22.00	-.040							1.0
MORF	BZ17922		27	EP	Kdf	1222	22.430	.040							1.0

February 7 2018 Hour: 17: 3 49.8 Lat: 38.86N Lon: 8.33W Depth: 18F Agency: IGL Regional
Magnitudes: 1.2ML 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	114	175	EP		17 4	7.750	.100							1.0
MESJ	HN	114	175	ES		17 4	20.57	-.100							1.0
MESJ	HN	114	175	IAML		17 4	21.45			5	0.1				

February 8 2018 Hour: 10:52 58.7 Lat: 38.95N Lon: 9.23W Depth: 8F Agency: IGL Regional
Magnitudes: 1.7ML IGL
Rms: 0.2 secs

NE MAFRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	27	165	ES		1053	6.560	.050							1.0
GGNV	HN	27	165	IAML		1053	6.92			201	0.1				
MESJ	HZ	152	144	EP		1053	21.70	-.450							0.9
MESJ	HE	152	144	ES		1053	39.370	.080							0.9
MESJ	HN	152	144	IAML		1053	41.44			3	0.2				
MORF	HZ	190	164	EP		1053	26.950	.050							0.9
MORF	HE	190	164	ES		1053	47.770	.270							0.9
MORF	HN	190	164	IAML		1053	49.52			14	0.2				

February 8 2018 Hour: 16: 4 12.7 Lat: 37.30N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML IGL
Rms: 0.0 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		16 4	15.02	-.020							1.0
MORF	HN	7	274	ES		16 4	16.780	.020							1.0
MORF	HE	7	274	IAML		16 4	17.56			50	0.1				

February 8 2018 Hour: 23:15 30.0 Lat: 37.00N Lon: 5.27W Depth: 10F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	277	291	EP		2316	8.970	.070							1.0

February 9 2018 Hour: 2: 2 18.5 Lat: 36.64N Lon: 11.21W Depth: 32F Agency: IGL Regional
Magnitudes: 2.1ML 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	239	71	EP		2 2	51.010	.020							1.0
MORF	HE	239	71	ES		2 3	14.65	-.080							1.0
MORF	HE	239	71	IAML		2 3	15.96			21	0.3				
MESJ	HZ	297	62	EP		2 2	58.100	.000							1.0
MESJ	HE	297	62	ES		2 3	27.080	.060							1.0
MESJ	HN	297	62	IAML		2 3	28.77			4	0.2				

February 9 2018 Hour: 2:17 0.1 Lat: 36.22N Lon: 8.97W 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	124	13	EP		217	18.18	-.130							1.0
MORF	HN	124	13	ES		217	31.45	-.150							1.0
MORF	HE	124	13	IAML		217	32.90			36	0.2				
MESJ	HZ	192	20	EP		217	26.900	.160							1.0
MESJ	HN	192	20	ES		217	46.320	.140							1.0
MESJ	HN	192	20	IAML		217	47.99			15	0.3				

February 9 2018 Hour: 5:37 50.1 Lat: 36.64N Lon: 9.70W Depth: 32F Agency: IGL Regional
Magnitudes: 2.7ML 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	119	51	EP		538	7.700	.060							1.0
MORF	HN	119	51	ES		538	20.490	.040							1.0
MORF	HE	119	51	IAML		538	23.12		207	0.1					
MESJ	HZ	187	44	EP		538	15.95	-.120							1.0
MESJ	HN	187	44	ES		538	35.060	.020							1.0
MESJ	HE	187	44	IAML		538	37.54		41	0.1					

February 9 2018 Hour: 11:43 55.6 Lat: 17.89S Lon: 178.66W Depth: 545F 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	BZ17631	21	EP	KPdf		12 2	50.140	.170							1.0
MORF	BZ17667	22	EP	KPdf		12 2	50.25	-.170							1.0

February 9 2018 Hour: 14: 4 30.4 Lat: 37.32N Lon: 8.67W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	139	EP		14 4	31.90	-.270							1.0
MORF	HN	2	139	ES		14 4	33.480	.040							1.0
MORF	HN	2	139	IAML		14 4	33.81		51	0.1					
MESJ	HZ	70	34	EP		14 4	41.920	.100							1.0
MESJ	HN	70	34	ES		14 4	50.280	.140							1.0
MESJ	HE	70	34	IAML		14 4	51.98		2	0.2					

February 9 2018 Hour: 14: 5 47.2 Lat: 18.89N Lon: 104.78W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms 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	9199	52	EP		1418	11.200	.070							1.0
GGNV	BZ	9199	52	IAMs_20		1456	46.72		2615	15.6					
MORF	BZ	9289	53	EP		1418	15.500	.050							1.0
MORF	BE	9289	53	ESKsSac		1428	36.72	-.100							1.0
MORF	BZ	9289	53	IAMs_20		1456	53.42		3819	13.2					
MESJ	BZ	9307	52	EP		1418	16.09	-.100							1.0
MESJ	BE	9307	52	ESKsSac		1428	37.810	.070							1.0
MESJ	BZ	9307	52	IAMs_20		1459	46.72		2173	20.2					

February 9 2018 Hour: 15:32 58.9 Lat: 35.52N Lon: 4.61W Depth: 94F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	413	300	EP		1533	52.19	-.040							1.0
MESJ	HZ	413	310	EP		1533	52.200	.040							1.0

February 9 2018 Hour: 16:57 35.8 Lat: 33.02N Lon: 5.25W Depth: 22F Agency: IGL Regional
Rms: 0.1 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	567	328	EP		1658	49.230	.090							1.0
MESJ	HZ	598	334	EP		1658	52.82	-.100							1.0

February 9 2018 Hour: 17:43 37.3 Lat: 18.63N Lon: 61.98W Depth: 44F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

ANTIGUA AND BARBUDA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5561	57	EP		1752	27.100	.070							1.0
MORF	BZ	5561	57	IAMB		1752	28.32		30	1.0					
MESJ	BZ	5606	56	EP		1752	29.97	-.070							1.0

MESJ BZ 5606 56 IAmb 1752 31.99 35 1.2

**February 9 2018 Hour: 21:28 51.5 Lat: 35.83N Lon: 10.32W Depth: 23F 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	221	42	EP		2129	22.56	-.050							1.0
MORF	HN	221	42	ES		2129	45.22	-.080							1.0
MORF	HN	221	42	IAML		2129	47.79			9	0.2				
MESJ	HZ	291	39	EP		2129	31.18	-.070							1.0
MESJ	HN	291	39	ES		2130	0.450	.210							1.0
MESJ	HN	291	39	IAML		2130	2.50			4	0.1				

**February 9 2018 Hour: 23:59 25.7 Lat: 21.41S Lon: 179.32W Depth: 610F 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	BZ18016		23	EPKpdf		2418	17.42	-.020							1.0
MORF	BZ18050		25	EPKpdf		2418	17.820	.020							1.0

**February 10 2018 Hour: 11:4 15.3 Lat: 15.15N Lon: 92.14W Depth: 134F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs**

CHIAPAS, MEXICO Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8444	55	EP		1115	47.390	.100							1.0
MORF	BZ	8444	55	IAMB		1115	51.65			69	1.4				
MESJ	BZ	8474	54	EP		1115	48.61	-.100							1.0
MESJ	BZ	8474	54	IAMB		1115	54.39			42	1.6				

**February 10 2018 Hour: 23:8 51.6 Lat: 37.51N Lon: 7.66W Depth: 16F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs**

S MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	62	307	EP		23	9	1.60	-.080						1.0
MESJ	HN	62	307	ES		23	9	9.080	.080						1.0
MESJ	HN	62	307	IAML		23	9	10.77			7	0.2			

**February 11 2018 Hour: 1:17 11.0 Lat: 37.25N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs**

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	309	EP		117	13.590	.020							1.0
MORF	HE	9	309	ES		117	15.40	-.020							1.0
MORF	HE	9	309	IAML		117	15.64				90	0.2			

**February 11 2018 Hour: 3:48 7.6 Lat: 36.86N Lon: 9.02W Depth: 28F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	33	EP		348	17.56	-.050							1.0
MORF	HN	59	33	ES		348	25.000	.050							1.0
MORF	HE	59	33	IAML		348	25.37				207	0.2			
MESJ	HZ	130	33	EP		348	26.41	-.220							1.0
MESJ	HN	130	33	ES		348	40.770	.220							1.0
MESJ	HN	130	33	IAML		348	42.30				18	0.2			

**February 11 2018 Hour: 11:12 21.1 Lat: 36.54N Lon: 7.61W Depth: 20F Agency: IGL Regional
Magnitudes: 0.8ML 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
MESJ	HZ	154	340	EP		1112	43.890	.120							1.0
MESJ	HN	154	340	ES		1113	0.21	-.120							1.0
MESJ	HN	154	340	IAML		1113	1.72				1	0.1			

February 11 2018 Hour: 11:56 21.7 Lat: 37.39N Lon: 13.80W Depth: 31F 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	456	90	EP		1157	20.12	-.030							1.0
MORF	HE	456	90	ES		1158	2.81	-.000							1.0
MORF	HE	456	90	IAML		1158	4.05			5	0.2				
MESJ	HZ	495	83	EP		1157	24.67	-.170							1.0
MESJ	HN	495	83	ES		1158	11.130	.200							1.0
MESJ	HE	495	83	IAML		1158	13.55			0.70	0.1				

February 11 2018 Hour: 16:38 13.5 Lat: 20.88S Lon: 179.16W Depth: 620F 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	BZ17956		23	EPK	Pab	1657	52.66	-.080							1.0

February 11 2018 Hour: 19:50 10.8 Lat: 36.60N Lon: 7.64W Depth: 26F Agency: IGL Regional
Magnitudes: 0.4ML 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	147	340	EP		1950	32.12	-.030							1.0
MESJ	HN	147	340	ES		1950	47.750	.030							1.0
MESJ	HN	147	340	IAML		1950	49.25			0.50	0.1				

February 11 2018 Hour: 23:14 15.2 Lat: 13.81N Lon: 146.41E Depth: 10F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.0 secs

MARIANA ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13731		336	EPK	Pdf	2333	12.310	.040							1.0
MESJ	BZ13731		336	IAMs	_20	2428	34.60			3620	20.3				

February 12 2018 Hour: 3: 8 34.0 Lat: 46.62N Lon: 0.66W Depth: 2F Agency: IGL Regional
Rms: 0.0 secs

FRANCE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	1156	215	EP		310	59.12	-.030							1.0
MORF	HZ	1227	215	EP		311	7.510	.030							0.9

February 12 2018 Hour: 3:35 39.3 Lat: 38.82N Lon: 7.98W Depth: 18F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

NARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	111	191	EP		335	56.940	.120							1.0
MESJ	HN	111	191	ES		336	9.640	.070							1.0
MESJ	HN	111	191	IAML		336	10.94			21	0.1				
MORF	HZ	178	200	EP		336	5.14	-.100							1.0
MORF	HN	178	200	ESg		336	27.20	-.110							1.0
MORF	HE	178	200	IAML		336	29.44			14	0.3				

February 12 2018 Hour: 22: 6 37.1 Lat: 36.67N Lon: 9.70W Depth: 24F 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	117	53	EP		22 6	54.900	.010							1.0
MORF	HN	117	53	ES		22 7	7.880	.030							1.0
MORF	HE	117	53	IAML		22 7	10.21			30	0.1				
MESJ	HZ	185	45	EP		22 7	3.18	-.100							1.0
MESJ	HN	185	45	ES		22 7	22.410	.050							1.0
MESJ	HN	185	45	IAML		22 7	24.32			8	0.2				

February 13 2018 Hour: 2:39 52.6 Lat: 12.36N Lon: 93.13E Depth: 69F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

ANDAMAN ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10160	309	EP			252	50.800	.090							1.0
MESJ	BZ10160	309	IAMB			252	52.06			16	0.9				
MESJ	BZ10160	309	EP			253	9.35-	.150							1.0
MORF	BZ10214	309	EP			252	53.060	.060							1.0
MORF	BZ10214	309	IAMB			252	54.03			17	1.0				

February 13 2018 Hour: 4:27 35.8 Lat: 30.19N Lon: 8.19W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	790	357	EP		429	14.23-	.030							1.0
MESJ	HZ	849	360	EP		429	21.120	.040							1.0

February 13 2018 Hour: 16:40 24.0 Lat: 36.59N Lon: 9.73W Depth: 17F 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	124	50	EP		1640	43.470	.150							1.0
MORF	HE	124	50	ES		1640	57.35-	.050							1.0
MORF	HN	124	50	IAML		1640	58.19			4	0.1				
MESJ	HZ	193	44	EP		1640	51.75-	.030							1.0
MESJ	HE	193	44	ES		1641	11.98-	.060							1.0
MESJ	HE	193	44	IAML		1641	13.01			1	0.1				

February 13 2018 Hour: 17:44 33.9 Lat: 36.34N Lon: 8.14W Depth: 15F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	337	EP		1744	52.20-	.070							1.0
MORF	HN	116	337	ES		1745	5.740	.080							1.0
MORF	HN	116	337	IAML		1745	6.33			7	0.2				
MESJ	HZ	167	358	EP		1744	58.600	.000							1.0
MESJ	HN	167	358	ES		1745	16.59-	.010							1.0
MESJ	HN	167	358	IAML		1745	17.78			10	0.1				

February 14 2018 Hour: 8:26 54.0 Lat: 42.33N Lon: 0.64E Depth: 1F Agency: IGL Regional
Rms: 0.1 secs

PYRENEES Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	904	239	EP		828	49.55-	.070							1.0
MORF	HZ	971	238	EP		828	57.530	.080							1.0

February 15 2018 Hour: 0:23 20.4 Lat: 35.42N Lon: 5.05W Depth: 57F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	385	304	EP		024	10.47-	.000							1.0
MESJ	HZ	391	314	EP		024	11.230	.120							1.0
MESJ	HN	391	314	ES		024	48.03-	.120							1.0
MESJ	HN	391	314	IAML		024	50.57			1.00	0.1				

February 15 2018 Hour: 3:18 6.4 Lat: 36.48N Lon: 8.22W Depth: 25F 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	99	337	EP		318	21.76-	.100							1.0
MESJ	HZ	151	360	EP		318	28.300	.060							1.0
MESJ	HN	151	360	ES		318	44.260	.040							1.0
MESJ	HE	151	360	IAML		318	45.57			3	0.1				

February 15 2018 Hour: 8:27 22.1 Lat: 0.07S Lon: 17.84W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

NORTH OF ASCENSION ISLAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4246	12	EP		834	41.72	-.000							1.0
MORF	BZ	4246	12	IAMB		834	53.31			52	1.2				
MESJ	BZ	4314	12	EP		834	46.770	.000							1.0
MESJ	BZ	4314	12	IAMB		834	59.49			129	1.6				

February 15 2018 Hour: 23:19 53.8 Lat: 36.61N Lon: 7.18W Depth: 22F 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	152	301	EP		2320	16.120	.050							1.0
MORF	HN	152	301	ES		2320	32.31	-.040							1.0
MORF	HE	152	301	IAML		2320	32.84			6	0.1				
MESJ	HZ	165	326	EP		2320	17.60	-.010							1.0

February 16 2018 Hour: 1:54 44.0 Lat: 15.82N Lon: 94.87W Depth: 49F Agency: IGL Distant
Rms: 0.0 secs

OFFSHORE OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8640	55	EP		2	6	35.42	-.030						1.0
MESJ	BZ	8667	54	EP		2	6	36.770	.030						1.0

February 16 2018 Hour: 22:27 35.4 Lat: 36.77N Lon: 6.55W Depth: 35F Agency: IGL Regional
Magnitudes: 1.1ML 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	190	309	EP		2228	1.770	.030							1.0
MESJ	HN	190	309	ES		2228	20.92	-.030							1.0
MESJ	HN	190	309	IAML		2228	22.19			2	0.1				

February 16 2018 Hour: 23:39 41.9 Lat: 16.65N Lon: 97.65W Depth: 25F Agency: IGL Distant
Magnitudes: 7.4Ms IGL Rms: 0.0 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8752	53	EP		2351	41.900	.050							1.0
GGNV	BZ	8752	53	IAMs_20		2419	38.50			201000	24.6				
MORF	BZ	8828	54	EP		2351	45.66	-.050							1.0
MORF	BZ	8828	54	EPP		2354	45.12	-.050							1.0
MORF	BZ	8828	54	IAMs_20		2422	50.59			227000	16.7				
MESJ	BZ	8852	54	EP		2351	46.860	.020							1.0
MESJ	BZ	8852	54	EPP		2354	46.960	.030							1.0
MESJ	BZ	8852	54	IAMs_20		2424	40.97			131000	17.9				

February 17 2018 Hour: 0:36 53.1 Lat: 16.21N Lon: 97.75W Depth: 9F Agency: IGL Distant
Rms: 0.1 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8866	54	EP		049	1.420	.080							1.0
MESJ	BZ	8890	54	EP		049	2.40	-.080							1.0

February 17 2018 Hour: 1:42 0.8 Lat: 39.06N Lon: 9.00W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NE ALLENQUER, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	40	199	ES		142	12.360	.020							1.0
GGNV	HE	40	199	IAML		142	13.07			49	0.2				
MESJ	HZ	152	153	EP		142	24.270	.070							1.0
MESJ	HN	152	153	ES		142	41.17	-.090							1.0
MESJ	HN	152	153	IAML		142	42.89			5	0.2				

February 17 2018 Hour: 3:54 43.6 Lat: 16.43N Lon: 97.51W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs
OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8855	54	EP		4 6	51.100	.040							1.0
MESJ	BZ	8855	54	IAMB		4 6	52.04			53	1.7				

February 17 2018 Hour: 21:30 44.7 Lat: 16.63N Lon: 97.79W Depth: 21F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs
OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8866	54	EP		2142	50.900	.010							1.0
MESJ	BZ	8866	54	IAMB		2142	52.56			29	1.2				

February 18 2018 Hour: 4:38 40.5 Lat: 35.46N Lon: 3.78W Depth: 18F Agency: IGL Regional
Magnitudes: 2.0ML 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	477	305	EP		439	43.13-	.040							1.0
MESJ	HN	477	305	ES		440	29.000	.040							1.0
MESJ	HN	477	305	IAML		440	30.20			3	0.2				

February 18 2018 Hour: 20:41 37.2 Lat: 35.33N Lon: 3.63W Depth: 29F Agency: IGL Regional
Magnitudes: 2.2ML 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	496	305	EP		2042	41.40-	.020							1.0
MESJ	HN	496	305	ES		2043	28.320	.020							1.0
MESJ	HN	496	305	IAML		2043	31.94			4	0.4				

February 18 2018 Hour: 20:46 2.7 Lat: 36.76N Lon: 10.62W Depth: 21F 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	HZ	185	70	EP		2046	29.19-	.040							1.0
MORF	HN	185	70	ES		2046	48.620	.050							1.0
MORF	HE	185	70	IAML		2046	50.88			6	0.2				
MESJ	HZ	244	60	EP		2046	36.53-	.000							1.0
MESJ	HE	244	60	ES		2047	1.18-	.010							1.0
MESJ	HE	244	60	IAML		2047	2.09			1.00	0.1				

February 18 2018 Hour: 21:55 23.1 Lat: 36.57N Lon: 7.61W Depth: 20F 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	151	339	EP		2155	45.25-	.150							1.0
MESJ	HN	151	339	ES		2156	1.810	.150							1.0
MESJ	HN	151	339	IAML		2156	4.27			1	0.1				

February 19 2018 Hour: 6:4 20.3 Lat: 36.75N Lon: 11.12W Depth: 42F Agency: IGL Regional
Magnitudes: 1.5ML 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	228	74	EP		6 4	51.34-	.050							1.0
MORF	HE	228	74	ES		6 5	14.190	.060							1.0
MORF	HE	228	74	IAML		6 5	15.75			4	0.1				
MESJ	HN	284	64	ES		6 5	26.07-	.010							1.0
MESJ	HN	284	64	IAML		6 5	28.74			1	0.1				

February 19 2018 Hour: 6:57 1.0 Lat: 16.50N Lon: 97.58W Depth: 40F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8756	53	EP		7 8	59.12	-.000							1.0
GGNV	BN	8756	53	IAMs_20		736	29.53			5419	28.9				
MORF	BZ	8832	54	EP		7 9	3.080	.120							1.0
MORF	BZ	8832	54	IAMs_20		739	59.87			4678	14.9				
MESJ	BZ	8856	54	EP		7 9	4.00	-.090							1.0
MESJ	BZ	8856	54	EPP		712	4.520	.050							1.0
MESJ	BE	8856	54	ES		719	3.56	-.070							1.0
MESJ	BZ	8856	54	IAMs_20		741	50.32			3107	25.3				

February 19 2018 Hour: 7:31 12.3 Lat: 36.74N Lon: 8.37W Depth: 1 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	68	338	EP		731	23.16	-.030							1.0
MORF	HE	68	338	ES		731	31.170	.030							1.0
MORF	HE	68	338	IAML		731	31.62			4	0.1				
MESJ	HE	123	6	ES		731	46.54	-.010							1.0
MESJ	HN	123	6	IAML		731	48.32			1	0.1				

February 19 2018 Hour: 15:42 2.1 Lat: 38.86N Lon: 11.27W Depth: 31F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.3 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	287	126	EP		1542	40.030	.270							1.0
MORF	HE	287	126	ES		1543	6.93	-.340							1.0
MORF	HN	287	126	IAML		1543	9.47			22	0.2				
MESJ	HZ	289	112	EP		1542	40.320	.300							1.0
MESJ	HN	289	112	ES		1543	7.49	-.230							1.0
MESJ	HN	289	112	IAML		1543	11.46			12	0.2				

February 19 2018 Hour: 19:58 45.9 Lat: 35.48N Lon: 3.81W Depth: 7F 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	473	305	EP		1959	49.29	-.010							1.0
MORF	HZ	479	296	EP		1959	50.070	.010							1.0

February 19 2018 Hour: 21:50 45.2 Lat: 37.32N Lon: 8.55W Depth: 13F Agency: IGL Regional
Magnitudes: 0.4ML 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	9	259	EP		2150	47.66	-.190							1.0
MORF	HN	9	259	ES		2150	49.830	.050							1.0
MORF	HE	9	259	IAML		2150	50.05			24	0.2				
MESJ	HZ	65	27	EP		2150	55.790	.100							1.0
MESJ	HN	65	27	ES		2151	3.370	.040							1.0
MESJ	HN	65	27	IAML		2151	5.33			0.80	0.1				

February 19 2018 Hour: 22:33 23.8 Lat: 36.78N Lon: 11.23W Depth: 30F 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	237	75	EP		2233	56.200	.210							1.0
MORF	HN	237	75	ES		2234	19.44	-.070							1.0
MORF	HE	237	75	IAML		2234	20.16			10	0.2				
MESJ	HN	292	65	ES		2234	31.14	-.150							1.0
MESJ	HN	292	65	IAML		2234	33.11			2	0.3				

**February 20 2018 Hour: 0:17 27.3 Lat: 37.43N Lon: 8.51W Depth: 16F Agency: IGL Regional
Magnitudes: 1.1ML 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	19	222	EP		017	31.20	-.070							1.0
MORF	HN	19	222	ES		017	34.240	.070							1.0
MORF	HN	19	222	IAML		017	35.09			54	0.2				
MESJ	HZ	52	29	EP		017	35.89	-.030							1.0
MESJ	HE	52	29	ES		017	42.260	.030							1.0
MESJ	HE	52	29	IAML		017	42.70			7	0.1				

**February 20 2018 Hour: 0:53 5.0 Lat: 0.37S Lon: 19.87W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0Mb 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	4330	14	EP		1 0	30.88	-.130							1.0
MORF	BZ	4330	14	IAMB		1 0	32.07			26	1.1				
MESJ	BZ	4398	15	EP		1 0	36.130	.030							1.0
MESJ	BZ	4398	15	IAMB		1 0	38.00			83	1.3				
MESJ	BN	4398	15	ES		1 6	39.640	.100							1.0

**February 20 2018 Hour: 21:36 16.5 Lat: 38.12N Lon: 1.12W 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	625	269	EP		2137	37.64	-.050							1.0
MORF	HZ	671	265	EP		2137	43.310	.050							1.0

**February 21 2018 Hour: 0:39 14.6 Lat: 37.26N Lon: 8.70W Depth: 23F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs**

SE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	40	EP		039	17.94	-.060							1.0
MORF	HE	6	40	ES		039	20.610	.130							1.0
MORF	HE	6	40	IAML		039	21.62			12	0.0				
MESJ	HZ	77	33	EP		039	26.98	-.080							1.0
MESJ	HN	77	33	ES		039	36.160	.000							1.0
MESJ	HE	77	33	IAML		039	37.22			2	0.1				

**February 21 2018 Hour: 1:7 10.5 Lat: 18.95S Lon: 69.28W Depth: 111F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs**

TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8891	45	EP		119	7.300	.090							1.0
MORF	BZ	8891	45	IAMB		119	8.61			24	1.0				
MESJ	BZ	8956	45	EP		119	10.17	-.090							1.0
MESJ	BZ	8956	45	IAMB		119	11.04			10	0.6				

**February 21 2018 Hour: 13:22 54.2 Lat: 37.33N Lon: 8.58W Depth: 14F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs**

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	246	EP		1322	56.53	-.300							1.0
MORF	HE	7	246	ES		1322	58.870	.150							1.0
MORF	HE	7	246	IAML		1322	59.22			92	0.2				
MESJ	HZ	65	29	EP		1323	4.940	.180							1.0
MESJ	HE	65	29	ES		1323	12.41	-.030							1.0
MESJ	HN	65	29	IAML		1323	13.44			5	0.1				

February 21 2018 Hour: 15:33 15.8 Lat: 36.53N Lon: 7.52W Depth: 17F Agency: IGL Regional
Magnitudes: 0.8ML 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
MESJ	HZ	158	337	EP		1533	39.05	-.130							1.0
MESJ	HE	158	337	ES		1533	56.420	.130							1.0
MESJ	HE	158	337	IAML		1533	57.45			1	0.1				

February 21 2018 Hour: 18:50 53.9 Lat: 36.22N Lon: 8.24W Depth: 32F 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	126	343	EP		1851	12.22	-.130							1.0
MESJ	HZ	180	1	EP		1851	19.120	.100							1.0
MESJ	HN	180	1	ES		1851	37.360	.040							1.0
MESJ	HN	180	1	IAML		1851	39.01			11	0.1				

February 21 2018 Hour: 22:23 26.4 Lat: 38.14N Lon: 8.05W Depth: 10F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

NE FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	37	204	EP		2223	32.700	.140							1.0
MESJ	HE	37	204	ES		2223	36.89	-.140							1.0
MESJ	HN	37	204	IAML		2223	37.29			3	0.1				

February 21 2018 Hour: 23:44 55.5 Lat: 37.80N Lon: 20.44E Depth: 15F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

IONIAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2514	279	EP		2349	55.570	.040							1.0
MESJ	BZ	2514	279	IAMB		2350	6.20			85	1.6				

February 22 2018 Hour: 18:48 4.9 Lat: 38.22N Lon: 7.98W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

SE ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	47	207	EP		1848	12.580	.040							1.0
MESJ	HE	47	207	ES		1848	17.94	-.160							1.0
MESJ	HN	47	207	IAML		1848	18.94			20	0.1				
MORF	HZ	118	210	EP		1848	24.030	.130							1.0
MORF	HN	118	210	ES		1848	37.75	-.000							1.0
MORF	HN	118	210	IAML		1848	39.33			54	0.1				

February 23 2018 Hour: 15:10 16.3 Lat: 36.92N Lon: 8.31W Depth: 8F Agency: IGL Regional
Magnitudes: 0.8ML 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	52	325	EP		1510	24.63	-.250							1.0
MORF	HN	52	325	ES		1510	31.340	.210							1.0
MORF	HN	52	325	IAML		1510	33.16			12	0.1				
MESJ	HE	102	4	ES		1510	44.730	.030							1.0
MESJ	HE	102	4	IAML		1510	46.60			1	0.1				

February 23 2018 Hour: 19:53 41.8 Lat: 36.75N Lon: 11.06W 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	223	73	EP		1954	11.710	.150							1.0
MORF	HN	223	73	ES		1954	33.11	-.150							1.0
MORF	HE	223	73	IAML		1954	35.58			2	0.2				

February 23 2018 Hour: 21:47 38.1 Lat: 36.60N Lon: 11.29W 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	248	71	EP		2148	10.970	.020							1.0
MORF	HE	248	71	ES		2148	35.000	.110							1.0
MORF	HE	248	71	IAML		2148	38.33		29	0.1					
MESJ	HZ	305	62	EP		2148	18.02	-.060							1.0
MESJ	HE	305	62	ES		2148	47.14	-.090							1.0
MESJ	HN	305	62	IAML		2148	50.26		5	0.1					

February 23 2018 Hour: 21:53 19.5 Lat: 36.56N Lon: 9.78W Depth: 14F 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	130	50	EP		2153	39.67	-.030							1.0
MORF	HN	130	50	ES		2153	54.520	.050							1.0
MORF	HE	130	50	IAML		2153	56.47		2	0.1					
MESJ	HN	198	44	ES		2154	9.08	-.020							1.0
MESJ	HN	198	44	IAML		2154	11.79		0.80	0.1					

February 23 2018 Hour: 22:41 10.1 Lat: 37.59N Lon: 8.92W Depth: 13F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

W ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	143	EP		2241	16.57	-.190							1.0
MORF	HE	40	143	ES		2241	21.780	.130							1.0
MORF	HE	40	143	IAML		2241	22.69		82	0.1					
MESJ	HZ	68	66	EP		2241	21.000	.010							1.0
MESJ	HE	68	66	ES		2241	29.010	.040							1.0
MESJ	HN	68	66	IAML		2241	30.47		10	0.1					

February 24 2018 Hour: 0:53 5.7 Lat: 35.67N Lon: 9.95W Depth: 23F Agency: IGL Regional
Magnitudes: 1.2ML 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	215	32	EP		053	36.02	-.040							1.0
MORF	HN	215	32	ES		053	58.19	-.010							1.0
MORF	HE	215	32	IAML		053	59.03		2	0.2					
MESJ	HZ	286	32	EP		053	44.870	.060							1.0

February 24 2018 Hour: 7:31 19.6 Lat: 36.98N Lon: 3.98W Depth: 57F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	388	286	EP		732	9.85	-.120							1.0
MESJ	HE	388	286	ES		732	46.880	.120							1.0
MESJ	HN	388	286	IAML		732	48.83		0.70	0.1					

February 24 2018 Hour: 7:51 43.2 Lat: 36.15N Lon: 22.02E Depth: 10F Agency: IGL Distant
Magnitudes: 4.5Mb 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	2687	283	EP		756	59.610	.010							1.0
MESJ	BZ	2687	283	IAMB		757	1.92		16	1.3					

February 24 2018 Hour: 15:34 17.2 Lat: 36.71N Lon: 9.59W Depth: 19F 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	106	51	EP		1534	34.090	.110							1.0
MORF	HN	106	51	ES		1534	46.08	-.160							1.0
MORF	HE	106	51	IAML		1534	47.75		5	0.1					

MESJ HZ	175	44	EP	1534	42.43	-.050											1.0
MESJ HN	175	44	ES	1535	1.070	.110											1.0
MESJ HN	175	44	IAML	1535	2.84				0.50	0.1							

February 24 2018 Hour: 19: 2 10.2 Lat: 37.11N Lon: 9.57W Depth: 24F Agency: IGL Regional
Magnitudes: 1.2ML 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	84	75	EP			19 2	23.61	-.020							1.0
MORF HE	84	75	ES			19 2	33.480	.020							1.0
MORF HE	84	75	IAML			19 2	36.39			7	0.1				

February 25 2018 Hour: 17:44 44.6 Lat: 6.15S Lon: 142.77E Depth: 35F Agency: IGL Distant
Magnitudes: 7.6Ms IGL Rms: 0.0 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ15452	326	EPK	Pdf	18 4		6.43	-.070								1.0
GGNV BZ15452	326	IAMs	_20	1910		25.34			201000	25.7					
MESJ BZ15461	324	EPK	Pdf	18 4		6.710	.040								1.0
MESJ BZ15461	324	EPP		18 6		59.220	.000								1.0
MESJ BZ15461	324	IAMs	_20	1910		17.42			98957	16.7					
MORF BZ15530	324	EPK	Pdf	18 4		7.870	.030								1.0
MORF BZ15530	324	IAMs	_20	1911		5.11			137000	30.7					

February 26 2018 Hour: 11:56 7.6 Lat: 6.50S Lon: 143.55E Depth: 13F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ15533	326	EPP		1218		29.550	.070								1.0
GGNV BZ15533	326	IAMs	_20	1325		11.11			1988	14.3					
MESJ BZ15543	325	EPP		1218		29.97	-.100								1.0
MESJ BZ15543	325	IAMs	_20	1320		20.02			1392	23.2					
MORF BZ15611	324	EPP		1218		33.950	.030								1.0
MORF BZ15611	324	IAMs	_20	1320		44.26			2299	35.5					

February 26 2018 Hour: 15:18 0.2 Lat: 6.50S Lon: 143.25E Depth: 14F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ15514	326	EPK	Pdf	1537		26.620	.170								1.0
GGNV BZ15514	326	IAMs	_20	1643		48.58			5848	21.9					
MESJ BZ15523	324	EPK	Pdf	1537		26.650	.020								1.0
MESJ BZ15523	324	IAMs	_20	1639		37.34			5605	22.4					
MORF BZ15592	324	EPK	Pdf	1537		27.61	-.190								1.0
MORF BZ15592	324	IAMs	_20	1640		33.77			6179	25.9					

February 27 2018 Hour: 15:11 28.9 Lat: 36.47N Lon: 9.82W Depth: 22F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	139	48	EP			1511	49.54	-.090							1.0
MORF HN	139	48	ES			1512	4.750	.010							1.0
MORF HE	139	48	IAML			1512	7.07			12	0.2				
MESJ HZ	208	43	EP			1511	58.10	-.040							1.0
MESJ HN	208	43	ES			1512	19.600	.130							1.0
MESJ HN	208	43	IAML			1512	20.82			2	0.2				

February 28 2018 Hour: 13:29 2.7 Lat: 36.98N Lon: 8.75W Depth: 23F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	37	13	EP			1329	9.28	-.080							1.0
MORF HN	37	13	ES			1329	14.230	.010							1.0
MORF HE	37	13	IAML			1329	15.81			243	0.2				

MESJ HZ	106	26	EP	1329	19.11-.310			1.0
MESJ HE	106	26	ES	1329	32.010.390			1.0
MESJ HN	106	26	IAML	1329	33.02	76	0.3	