

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

September to October

2021

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STATIONS USED

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

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

September 1 2021 Hour: 10:54 23.7 Lat: 36.74N Lon: 7.46W Depth: 24F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	123	301	ES		1054	55.78	-.030							1.0
MORF	HN	123	301	IAML		1054	57.05			19	0.1				
MESJ	HZ	139	331	EP		1054	44.390	.140							1.0
MESJ	HN	139	331	ES		1054	59.12	-.110							1.0
MESJ	HN	139	331	IAML		1054	59.61			9	0.1				

September 1 2021 Hour: 12:10 49.9 Lat: 35.49N Lon: 3.65W Depth: 10F Agency: IGL Regional
Magnitudes: 2.8ML 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	304	EP		1211	54.22	-.050							1.0
MESJ	HE	484	304	ES		1212	41.460	.190							1.0
MESJ	HN	484	304	IAML		1212	44.86			17	0.5				
MORF	HZ	491	296	EP		1211	55.05	-.140							1.0

September 1 2021 Hour: 12:43 58.2 Lat: 35.41N Lon: 3.60W Depth: 17F 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	494	304	EP		1245	3.03	-.000							1.0

September 1 2021 Hour: 12:51 59.3 Lat: 35.44N Lon: 3.65W Depth: 0 Agency: IGL Regional
Magnitudes: 3.3ML 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	488	304	EP		1253	5.10	-.010							1.0
MESJ	HN	488	304	ES		1253	53.300	.110							1.0
MESJ	HN	488	304	IAML		1253	56.87			60	0.4				
MORF	HZ	494	296	EP		1253	5.83	-.100							1.0

September 1 2021 Hour: 13:50 13.1 Lat: 1.11S Lon: 24.27W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Ms IGL Rms: 0.0 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4619	19	EP		1358	0.53	-.030							1.0
MESJ	BN	4619	19	ES		14 4	17.210	.030							1.0
MESJ	BZ	4619	19	IAMs_20		1410	14.66			4412	33.9				

September 1 2021 Hour: 18:35 44.7 Lat: 27.74S Lon: 71.19W Depth: 16F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs

OFFSHORE ATACAMA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9715	45	EP		1848	30.87	-.020							1.0
MORF	BZ	9715	45	IAMs_20		1928	10.41			2056	17.1				
MESJ	BZ	9781	45	EP		1848	33.710	.020							1.0
MESJ	BZ	9781	45	IAMs_20		1930	17.76			1734	16.4				

September 1 2021 Hour: 18:54 46.9 Lat: 35.42N Lon: 3.65W Depth: 0 Agency: IGL Regional
Magnitudes: 2.6ML 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	489	305	EP		1855	53.000	.030							1.0
MESJ	HN	489	305	ES		1856	41.210	.050							1.0
MESJ	HN	489	305	IAML		1856	44.41			11	0.3				
MORF	HZ	495	296	EP		1855	53.68	-.080							1.0

September 2 2021 Hour: 2:39 21.8 Lat: 36.63N Lon: 9.77W Depth: 16F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	53	EP		239	41.01	-.180							1.0
MORF	HN	125	53	ES		239	55.400	.070							1.0
MORF	HN	125	53	IAML		239	56.12			3	0.1				
MESJ	HZ	192	45	EP		239	49.680	.120							1.0

September 2 2021 Hour: 4:51 35.7 Lat: 35.51N Lon: 9.71W Depth: 28F 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	221	25	EP		452	5.99	-.090							1.0
MORF	HE	221	25	ES		452	28.24	-.010							1.0
MORF	HE	221	25	IAML		452	30.06			5	0.1				
MESJ	HZ	291	27	EP		452	14.880	.110							1.0

September 2 2021 Hour: 8:42 17.6 Lat: 3.87S Lon: 76.28W Depth: 94F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8325	50	EP		853	47.89	-.000							1.0
MORF	BZ	8325	50	IAMB		853	49.65			21	1.3				

September 2 2021 Hour: 18:17 35.1 Lat: 35.46N Lon: 3.67W Depth: 8F 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	485	304	EP		1818	39.84	-.000							1.0

September 2 2021 Hour: 20:33 46.4 Lat: 36.50N Lon: 8.11W Depth: 13F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	149	356	EP		2034	8.86	-.160							1.0
MESJ	HN	149	356	ES		2034	25.710	.160							1.0
MESJ	HN	149	356	IAML		2034	26.34			2	0.1				

September 2 2021 Hour: 23:4 42.3 Lat: 35.45N Lon: 3.66W Depth: 10F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	304	EP		23	5	46.93	-.030						1.0
MESJ	HN	487	304	ES		23	6	34.270	.090						1.0
MESJ	HN	487	304	IAML		23	6	36.62		13	0.3				
MORF	HZ	493	296	EP		23	5	47.73	-.060						1.0

September 3 2021 Hour: 0:28 3.1 Lat: 35.45N Lon: 3.54W Depth: 17F 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	495	304	EP		029	8.10	-.000							1.0

September 3 2021 Hour: 0:55 59.4 Lat: 35.49N Lon: 3.63W Depth: 6F 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	487	304	EP		057	4.470	.000							1.0

September 3 2021 Hour: 1:45 34.6 Lat: 35.47N Lon: 3.67W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	304	EP		146	40.04	-.000							1.0

September 3 2021 Hour: 1:55 50.4 Lat: 35.47N Lon: 3.67W Depth: 3F 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	484	304	EP		156	55.480	.000							1.0

September 3 2021 Hour: 2:57 6.1 Lat: 35.49N Lon: 3.63W 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	486	304	EP		258	11.710	.000							1.0

September 3 2021 Hour: 5: 6 22.6 Lat: 14.36S Lon: 76.46W Depth: 11F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs

NEAR COAST OF CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9100	48	EP		518	41.760	.050							1.0
MORF	BZ	9100	48	IAmb		518	43.95			74	1.4				
MESJ	BZ	9160	48	EP		518	44.41	-.050							1.0
MESJ	BZ	9160	48	IAmb		518	46.60			44	1.5				

September 3 2021 Hour: 10:14 26.0 Lat: 49.47N Lon: 146.99E Depth:582FAgency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

SEA OF OKHOTSK Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10037	341	EP			1026	25.09	-.150							1.0
MESJ	BZ10037	341	IAmb			1026	26.23			18	0.8				
MESJ	BN10037	341	ESKSac			1036	1.050	.110							1.0
MORF	BZ10105	341	EP			1026	28.130	.030							1.0
MORF	BZ10105	341	IAmb			1026	29.77			21	1.1				

September 3 2021 Hour: 17: 1 26.7 Lat: 37.02N Lon: 8.54W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	33	342	EP		17	1	32.17	-.230						1.0
MORF	HN	33	342	ES		17	1	36.650	.130						1.0
MORF	HN	33	342	IAML		17	1	37.32		31	0.1				
MESJ	HZ	95	17	EP		17	1	42.030	.120						1.0
MESJ	HN	95	17	ES		17	1	52.96	-.020						1.0
MESJ	HN	95	17	IAML		17	1	54.24		3	0.2				

September 3 2021 Hour: 17:52 15.2 Lat: 42.15N Lon: 7.49W Depth: 3F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	188	EP		1753	20.250	.120							1.0
MORF	HZ	547	191	EP		1753	27.86	-.120							1.0

September 3 2021 Hour: 22:16 39.6 Lat: 35.37N Lon: 3.64W Depth: 17F 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	493	305	EP		2217	44.400	.020							1.0
MORF	HZ	499	297	EP		2217	45.07	-.020							1.0

September 3 2021 Hour: 22:31 38.2 Lat: 35.39N Lon: 3.63W Depth: 7F 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	492	305	EP		2232	43.870	.000							1.0

September 4 2021 Hour: 3:53 41.6 Lat: 36.25N Lon: 6.77W Depth: 8F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	205	305	EP		354	11.820	.070							1.0
MORF	HN	205	305	ES		354	33.67	-.090							1.0
MORF	HN	205	305	IAML		354	34.28			33	0.2				
MESJ	HZ	219	324	EP		354	13.440	.020							1.0

September 4 2021 Hour: 5: 6 35.1 Lat: 38.81N Lon: 8.74W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

SE BENAVENTE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	37	254	EP		5 6	41.49	-.130							1.0
GGNV	HN	37	254	ES		5 6	46.39	-.010							1.0
GGNV	HN	37	254	IAML		5 6	47.73			102	0.1				
MESJ	HZ	117	157	EP		5 6	53.320	.110							1.0
MORF	HZ	167	177	EP		5 6	59.540	.040							0.9

September 4 2021 Hour: 10:29 13.3 Lat: 36.65N Lon: 4.57W Depth: 57F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	350	293	EP		1029	59.13	-.020							1.0
MESJ	HE	350	293	ES		1030	32.57	-.030							1.0
MESJ	HN	350	293	IAML		1030	35.53			6	0.1				
MORF	HN	371	282	ES		1030	37.120	.040							1.0
MORF	HN	371	282	IAML		1030	40.06			4	0.1				

September 4 2021 Hour: 18: 8 42.3 Lat: 35.45N Lon: 3.60W Depth: 19F 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	491	304	EP		18 9	46.660	.000							1.0

September 4 2021 Hour: 18:29 51.7 Lat: 35.46N Lon: 3.58W Depth: 15F Agency: IGL Regional
Magnitudes: 1.9ML 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	492	304	EP		1830	56.54	-.010							1.0
MESJ	HN	492	304	ES		1831	43.900	.010							1.0
MESJ	HN	492	304	IAML		1831	47.13			2	0.2				

September 4 2021 Hour: 18:43 40.7 Lat: 6.42S Lon: 154.91E Depth: 66F 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	BZ16160	336	EPKP			19 3	9.89	-.140							1.0
MORF	BZ16230	336	EPKP			19 3	11.300	.140							1.0

September 5 2021 Hour: 2:50 4.2 Lat: 35.48N Lon: 3.64W 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	486	304	EP		251	10.010	.140							1.0
MORF	HZ	493	296	EP		251	10.62	-.140							1.0

September 5 2021 Hour: 5:9 22.2 Lat: 32.14S Lon: 179.79W Depth:238F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ19023	48	EP	KPdf		529	1.310	.020							1.0
MESJ	BZ19023	48	IAMs	20		616	58.23			713	19.0				
MORF	BZ19026	52	EP	KPdf		529	1.33-	.020							1.0
MORF	BZ19026	52	IAMs	20		616	10.69			583	15.8				

September 5 2021 Hour: 6:10 44.9 Lat: 33.08N Lon: 17.23W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	911	57	EP		612	37.51-	.010							1.0

September 5 2021 Hour: 8:59 38.6 Lat: 37.44N Lon: 8.87W Depth: 14F Agency: IGL Regional
Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	24	128	EP		859	42.93-	.190							1.0
MORF	HE	24	128	ES		859	46.540	.100							1.0
MORF	HN	24	128	IAML		859	47.44			1100	0.2				
MESJ	HZ	73	52	EP		859	50.19-	.050							1.0
MESJ	HE	73	52	ES		859	58.900	.140							1.0
MESJ	HN	73	52	IAML		9 0	0.10			259	0.1				

September 5 2021 Hour: 12:11 36.7 Lat: 35.51N Lon: 3.66W Depth: 7F 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	482	304	EP		1212	41.200	.050							1.0
MESJ	HN	482	304	ES		1213	28.18-	.050							1.0
MESJ	HN	482	304	IAML		1213	31.84			8	0.2				

September 5 2021 Hour: 17:52 57.4 Lat: 36.79N Lon: 9.48W Depth: 25F Agency: IGL Regional
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	93	52	EP		1753	12.160	.010							1.0
MESJ	HZ	161	43	EP		1753	20.52-	.100							1.0
MESJ	HN	161	43	ES		1753	37.630	.090							1.0
MESJ	HN	161	43	IAML		1753	39.16			1	0.2				

September 5 2021 Hour: 17:51 44.8 Lat: 22.03S Lon: 174.55W Depth: 10F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.1 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17712	34	EP	KPdf		1811	42.640	.090							1.0
GGNV	BZ17712	34	IAMs	20		1917	25.15			8194	18.8				
MESJ	BZ17839	34	EP	KPdf		1811	43.970	.080							1.0
MESJ	BZ17839	34	IAMs	20		1939	7.23			6922	15.7				
MORF	BZ17858	36	EP	KPdf		1811	43.97-	.170							1.0
MORF	BZ17858	36	IAMs	20		1921	48.04			11434	20.1				

September 6 2021 Hour: 1:59 8.9 Lat: 36.68N Lon: 8.10W Depth: 8F Agency: IGL Regional
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	85	325	EP		159	22.58-	.090							1.0
MORF	HN	85	325	ES		159	32.820	.090							1.0
MORF	HN	85	325	IAML		159	34.17			2	0.1				

September 6 2021 Hour: 2:25 54.4 Lat: 36.28N Lon: 8.17W Depth: 11F 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	122	339	EP		226	13.49	-.100							1.0
MESJ	HZ	173	359	EP		226	20.370	.110							1.0
MESJ	HN	173	359	ES		226	39.11	-.010							1.0
MESJ	HE	173	359	IAML		226	39.66			1	0.2				

September 6 2021 Hour: 3:41 33.2 Lat: 37.36N Lon: 9.10W Depth: 26F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

W ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	99	EP		341	40.67	-.010							1.0
MORF	HN	40	99	ES		341	46.120	.010							1.0
MORF	HN	40	99	IAML		341	46.93			3	0.1				

September 6 2021 Hour: 4: 2 18.2 Lat: 35.48N Lon: 3.65W Depth: 9F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		4	3	22.840	.000						1.0

September 6 2021 Hour: 18:21 35.8 Lat: 36.52N Lon: 7.75W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML 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	119	318	EP		1821	54.94	-.020							1.0
MORF	HN	119	318	ES		1822	8.930	.020							1.0
MORF	HN	119	318	IAML		1822	10.18			5	0.2				

September 7 2021 Hour: 1:12 35.4 Lat: 37.20N Lon: 8.39W Depth: 15F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	26	296	EP		112	40.19	-.080							1.0
MORF	HE	26	296	ES		112	43.870	.080							1.0
MORF	HN	26	296	IAML		112	45.51			7	0.1				

September 7 2021 Hour: 1:32 58.2 Lat: 37.15N Lon: 8.62W Depth: 8F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	350	EP		133	1.440	.090							1.0
MORF	HN	17	350	ES		133	3.54	-.090							1.0
MORF	HE	17	350	IAML		133	4.45			9	0.1				

September 7 2021 Hour: 2:14 50.6 Lat: 36.08N Lon: 8.14W Depth: 32F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	143	342	EP		215	11.03	-.190							1.0
MORF	HE	143	342	ES		215	26.340	.090							1.0
MORF	HN	143	342	IAML		215	27.80			42	0.1				
MESJ	HZ	195	358	EP		215	17.55	-.100							1.0
MESJ	HN	195	358	ES		215	37.580	.210							1.0
MESJ	HN	195	358	IAML		215	38.90			45	0.2				

September 8 2021 Hour: 0:34 59.6 Lat: 35.43N Lon: 3.61W Depth: 13F 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	492	304	EP		036	4.54	-.000							1.0

September 8 2021 Hour: 1:47 47.3 Lat: 16.98N Lon: 99.77W Depth: 20F Agency: IGL Distant
Magnitudes: 7.3Ms IGL Rms: 0.1 secs

GUERRERO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8909	53	EP		159	55.68	-.100							1.0
GGNV	BZ	8909	53	IAMs_20		232	53.34			148000	18.9				
MORF	BZ	8990	54	EP		159	59.760	.020							1.0
MORF	BE	8990	54	ES		210	7.520	.080							1.0
MORF	BZ	8990	54	IAMs_20		231	51.82			175000	24.8				
MESJ	BZ	9012	53	EP		2 0	0.73	-.030							1.0
MESJ	BE	9012	53	ES		210	9.460	.020							1.0
MESJ	BZ	9012	53	IAMs_20		233	6.77			104000	20.0				

September 8 2021 Hour: 4:49 42.0 Lat: 35.48N Lon: 3.60W Depth: 10F 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	489	304	EP		450	46.84	-.080							1.0
MESJ	HE	489	304	ES		451	34.420	.080							1.0
MESJ	HE	489	304	IAML		451	38.29			5	0.5				

September 8 2021 Hour: 14:39 35.7 Lat: 36.79N Lon: 7.29W Depth: 19F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	143	325	EP		1439	56.92	-.120							1.0
MESJ	HN	143	325	ES		1440	12.740	.120							1.0
MESJ	HN	143	325	IAML		1440	13.29			2	0.1				

September 8 2021 Hour: 18:31 17.4 Lat: 35.45N Lon: 3.63W 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	489	304	EP		1832	23.360	.000							1.0

September 8 2021 Hour: 20:15 18.9 Lat: 36.73N Lon: 7.42W Depth: 24F 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
MORF	HZ	127	301	EP		2015	37.61	-.250							1.0
MORF	HN	127	301	ES		2015	51.760	.030							1.0
MORF	HE	127	301	IAML		2015	52.58			3	0.2				
MESJ	HZ	142	330	EP		2015	39.860	.140							1.0
MESJ	HN	142	330	ES		2015	55.030	.080							1.0
MESJ	HE	142	330	IAML		2015	56.48			1.00	0.2				

September 9 2021 Hour: 0:12 25.4 Lat: 37.34N Lon: 8.41W Depth: 1F 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	22	260	EP		012	28.85	-.130							1.0
MORF	HE	22	260	ES		012	31.740	.180							1.0
MORF	HN	22	260	IAML		012	32.19			42	0.1				
MESJ	HZ	58	17	EP		012	34.74	-.050							1.0

September 9 2021 Hour: 18:18 8.5 Lat: 36.42N Lon: 0.82E Depth: 5F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	818	284	EP		1819	53.530	.000							1.0

September 9 2021 Hour: 18:44 46.0 Lat: 36.90N Lon: 13.60W Depth: 28F Agency: IGL Regional
Magnitudes: 2.5ML 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	442	83	EP		1845	41.09	-.010							1.0
MORF	HN	442	83	ES		1846	21.350	.020							1.0
MORF	HN	442	83	IAML		1846	25.23			10	0.2				
MESJ	HZ	488	76	EP		1845	46.66	-.010							1.0

September 9 2021 Hour: 19:24 59.2 Lat: 37.32N Lon: 8.56W 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	8	258	EP		1925	1.51	-.150							1.0
MORF	HE	8	258	ES		1925	3.470	.030							1.0
MORF	HE	8	258	IAML		1925	3.92			71	0.1				
MESJ	HZ	65	27	EP		1925	9.890	.130							1.0

September 9 2021 Hour: 21:34 3.6 Lat: 36.58N Lon: 7.60W 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
MESJ	HZ	150	339	EP		2134	25.62	-.050							1.0
MESJ	HN	150	339	ES		2134	41.800	.050							1.0
MESJ	HN	150	339	IAML		2134	43.12			5	0.2				

September 10 2021 Hour: 1:53 38.8 Lat: 35.40N Lon: 3.80W Depth: 7F Agency: IGL Regional
Magnitudes: 2.6ML 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	480	306	EP		154	42.90	-.120							1.0
MESJ	HN	480	306	ES		155	29.990	.120							1.0
MESJ	HN	480	306	IAML		155	34.90			13	0.4				

September 11 2021 Hour: 0:28 30.8 Lat: 30.52N Lon: 79.28E Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs

UTTARANCHAL, INDIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7810	303	EP		039	44.09	-.010							1.0
MESJ	BZ	7810	303	IAMB		039	44.92			6	0.9				

September 11 2021 Hour: 10:17 35.5 Lat: 35.37N Lon: 11.93W Depth: 34F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	364	53	EP		1018	23.51	-.020							1.0
MORF	HE	364	53	ES		1018	58.750	.170							1.0
MORF	HN	364	53	IAML		1019	0.59			38	0.1				
MESJ	HZ	430	49	EP		1018	31.35	-.180							1.0
MESJ	HN	430	49	ES		1019	12.420	.020							1.0
MESJ	HN	430	49	IAML		1019	15.21			9	0.2				

September 11 2021 Hour: 18:3 21.7 Lat: 37.34N Lon: 8.69W Depth: 16F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.2 secs

NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	140	EP		18 3	24.30	-.130							1.0
MORF	HE	5	140	ES		18 3	26.570	.130							1.0
MORF	HN	5	140	IAML		18 3	27.22			7	0.1				
MESJ	HZ	69	37	EP		18 3	33.060	.190							1.0
MESJ	HE	69	37	ES		18 3	40.86	-.190							1.0
MESJ	HN	69	37	IAML		18 3	41.56			2	0.1				

September 12 2021 Hour: 2:32 25.5 Lat: 47.19N Lon: 146.76E Depth:364F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

NORTHWEST OF KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10272	340	EP			244	55.20	-.060							1.0
MESJ	BZ10272	340	IAMB			244	55.79			20	1.4				
MORF	BZ10340	341	EP			244	58.170	.060							1.0
MORF	BZ10340	341	IAMB			244	59.32			15	1.3				

September 12 2021 Hour: 2:57 40.8 Lat: 12.54S Lon: 166.17E Depth: 28F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.0 secs

SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17175	350	EPKp _{df}			317	29.380	.040							1.0
MESJ	BZ17175	350	IAMS ₂₀			428	58.67			482	16.9				
MORF	BZ17242	350	EPKp _{df}			317	30.18	-.040							1.0
MORF	BZ17242	350	IAMS ₂₀			433	3.34			555	19.0				

September 12 2021 Hour: 6:35 1.1 Lat: 36.62N Lon: 7.23W Depth: 19F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	148	301	EP		635	23.11	-.010							1.0
MESJ	HZ	161	327	EP		635	24.75	-.030							1.0
MESJ	HN	161	327	ES		635	42.090	.030							1.0
MESJ	HN	161	327	IAML		635	44.02			3	0.1				

September 12 2021 Hour: 10:58 36.5 Lat: 35.46N Lon: 4.68W Depth: 32F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	411	301	EP		1059	30.19	-.070							1.0
MORF	HE	411	301	ES		11 0	9.660	.170							1.0
MORF	HE	411	301	IAML		11 0	11.94			24	0.2				
MESJ	HZ	412	311	EP		1059	30.21	-.160							1.0
MESJ	HE	412	311	ES		11 0	9.740	.060							1.0
MESJ	HE	412	311	IAML		11 0	12.83			12	0.1				

September 12 2021 Hour: 14:16 59.2 Lat: 37.32N Lon: 8.62W Depth: 14F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	239	EP		1417	1.19	-.390							1.0
MORF	HE	3	239	ES		1417	3.450	.130							1.0
MORF	HE	3	239	IAML		1417	3.79			294	0.1				
MESJ	HZ	68	31	EP		1417	10.360	.240							1.0
MESJ	HN	68	31	ES		1417	18.140	.040							1.0
MESJ	HE	68	31	IAML		1417	19.40			16	0.1				

September 12 2021 Hour: 18:49 10.1 Lat: 37.31N Lon: 8.54W Depth: 21F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	266	EP		1849	13.79	-.010							1.0
MORF	HN	10	266	ES		1849	16.54	0.010							1.0
MORF	HN	10	266	IAML		1849	17.15			10	0.1				

September 13 2021 Hour: 0:39 42.8 Lat: 35.46N Lon: 3.62W Depth: 4F 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	488	304	EP		040	48.34	0.000							1.0

September 13 2021 Hour: 2:57 19.0 Lat: 36.52N Lon: 11.23W Depth: 26F 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	246	68	EP		257	52.70	0.050							1.0
MORF	HN	246	68	ES		258	17.06	-.130							1.0
MORF	HN	246	68	IAML		258	18.90			13	0.3				
MESJ	HZ	305	60	EP		258	0.05	0.090							1.0

September 13 2021 Hour: 5:18 13.3 Lat: 23.89S Lon: 67.02W Depth: 193F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs

JUJUY, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9119	43	EP		530	11.55	-.040							1.0
MORF	BZ	9119	43	I Amb		530	19.47			105	1.1				
MORF	BZ	9119	43	EpP		530	58.70	0.180							0.9
MORF	BN	9119	43	ES		540	9.59	-.120							1.0
GGNV	BZ	9182	42	EP		530	14.43	0.010							1.0
GGNV	BZ	9182	42	I Amb		530	17.21			99	0.9				
GGNV	BN	9182	42	ES		540	15.21	-.060							1.0
MESJ	BZ	9186	43	EP		530	14.69	0.060							1.0
MESJ	BZ	9186	43	I Amb		530	16.83			86	0.9				
MESJ	BZ	9186	43	EpP		531	1.62	-.020							1.0
MESJ	BE	9186	43	ES		540	15.68	0.000							1.0

September 14 2021 Hour: 4: 8 26.1 Lat: 35.46N Lon: 3.61W Depth: 20F 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	490	304	EP		4 9	30.26	0.000							1.0

September 14 2021 Hour: 5:37 4.6 Lat: 35.50N Lon: 3.59W Depth: 16F 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	489	303	EP		538	8.82	-.130							1.0
MESJ	HN	489	303	ES		538	56.09	0.130							1.0
MESJ	HN	489	303	IAML		538	57.95			2	0.2				

September 14 2021 Hour: 10:44 21.1 Lat: 37.23N Lon: 8.55W Depth: 21F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	312	EP		1044	24.77	-.220							1.0
MORF	HN	12	312	ES		1044	27.94	0.100							1.0
MORF	HN	12	312	IAML		1044	28.76			150	0.1				
MESJ	HZ	74	23	EP		1044	33.12	0.050							1.0
MESJ	HE	74	23	ES		1044	41.90	0.080							1.0
MESJ	HN	74	23	IAML		1044	42.40			20	0.2				

September 14 2021 Hour: 17:42 15.7 Lat: 38.70N Lon: 9.24W Depth: 15F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

S AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	8	77	ES		1742	20.32	-.060							1.0
GGNV	HE	8	77	IAML		1742	20.79			192	0.1				
MESJ	HZ	131	137	EP		1742	35.940	.070							0.9

September 14 2021 Hour: 21:31 17.4 Lat: 38.49N Lon: 7.73W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	84	211	EP		2131	31.110	.160							1.0
MESJ	HN	84	211	ES		2131	40.82	-.060							1.0
MESJ	HN	84	211	IAML		2131	41.94			3	0.1				
MORF	HZ	155	212	EP		2131	41.23	-.100							1.0

September 14 2021 Hour: 23: 6 23.4 Lat: 30.91N Lon: 8.89W Depth: 0 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	710	2	EP		23 7	56.19	-.050							1.0
MESJ	HZ	771	4	EP		23 8	3.500	.050							1.0

September 15 2021 Hour: 2:46 14.8 Lat: 36.58N Lon: 9.77W Depth: 10F 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	128	51	EP		246	34.980	.000							1.0
MORF	HN	128	51	ES		246	49.820	.110							1.0
MORF	HN	128	51	IAML		246	50.85			3	0.2				
MESJ	HZ	196	44	EP		246	43.46	-.130							1.0
MESJ	HN	196	44	ES		247	4.620	.010							1.0
MESJ	HN	196	44	IAML		247	5.41			1	0.1				

September 15 2021 Hour: 6: 6 56.4 Lat: 37.37N Lon: 2.24W Depth: 0 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	531	277	EP		6 8	7.45	-.000							1.0

September 15 2021 Hour: 6:52 33.5 Lat: 35.47N Lon: 3.67W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	304	EP		653	38.96	-.000							1.0

September 15 2021 Hour: 20:33 32.5 Lat: 29.18N Lon: 105.39E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

SICHUAN CHONGQING BORDER REGION, CHINA Net: NEIc

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9890	313	EP		2046	27.19	-.120							1.0
MESJ	BZ	9890	313	IAMs_20		2128	1.84			1630	18.2				
MORF	BZ	9956	313	EP		2046	30.280	.120							1.0
MORF	BZ	9956	313	IAMs_20		2129	38.23			1650	12.2				

September 16 2021 Hour: 5:19 45.2 Lat: 36.69N Lon: 11.07W Depth: 15F 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	226	72	EP		520	17.310	.090							1.0
MORF	HN	226	72	ES		520	40.47	-.140							1.0
MORF	HN	226	72	IAML		520	41.98			3	0.2				

MESJ HZ 283 62 EP 520 24.370.050 1.0

September 16 2021 Hour: 17:28 34.0 Lat: 35.49N Lon: 3.65W Depth: 6F 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 485 304 EP 1729 38.91-.000 1.0

September 16 2021 Hour: 17:51 55.3 Lat: 55.17N Lon: 156.46W Depth: 18F Agency: IGL Distant Magnitudes: 5.7Ms IGL Rms: 0.1 secs

SOUTH OF ALASKA Net: NEIC

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ BZ 9269 25 EP 18 4 21.280.050 1.0
MESJ BN 9269 25 ESKSac 1814 42.380.060 1.0
MESJ BZ 9269 25 IAMs_20 1842 20.70 3731 20.0
MORF BZ 9313 25 EP 18 4 23.26-.110 1.0
MORF BZ 9313 25 IAMs_20 1841 40.76 3103 24.5

September 17 2021 Hour: 3:55 14.1 Lat: 36.51N Lon: 7.39W 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
MORF HN 143 308 ES 355 51.46-.020 1.0
MORF HE 143 308 IAML 355 52.15 2 0.1
MESJ HZ 165 334 EP 355 38.36-.060 1.0
MESJ HE 165 334 ES 355 56.220.070 1.0
MESJ HE 165 334 IAML 355 57.31 0.60 0.1

September 17 2021 Hour: 6:39 54.4 Lat: 37.28N Lon: 8.54W Depth: 6F Agency: IGL Regional Magnitudes: 1.2ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MORF HZ 10 285 EP 639 56.17-.200 1.0
MORF HE 10 285 ES 639 57.970.160 1.0
MORF HN 10 285 IAML 639 58.35 219 0.2
MESJ HZ 68 24 EP 640 5.570.130 1.0
MESJ HE 68 24 ES 640 13.43-.080 1.0
MESJ HN 68 24 IAML 640 13.94 5 0.2

September 17 2021 Hour: 10:28 40.7 Lat: 13.43S Lon: 167.39E Depth: 10F Agency: IGL Distant Magnitudes: 5.7Ms IGL Rms: 0.0 secs

VANUATU Net: NEIC

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ BZ17294 352 EPKPdf 1048 33.69-.030 1.0
MESJ BZ17294 352 IAMs_20 12 4 32.59 1120 17.2
MORF BZ17359 352 EPKPdf 1048 34.590.030 1.0
MORF BZ17359 352 IAMs_20 1152 45.35 638 11.7

September 17 2021 Hour: 21:49 45.0 Lat: 34.80N Lon: 12.06W Depth: 10F Agency: IGL Regional Rms: 0.0 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MORF HZ 414 47 EP 2150 36.64-.010 1.0
MESJ HZ 482 45 EP 2150 44.980.010 1.0

September 18 2021 Hour: 0:11 19.1 Lat: 35.49N Lon: 3.59W Depth: 12F Agency: IGL Regional Magnitudes: 2.9ML 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 490 304 EP 012 23.960.030 1.0
MESJ HN 490 304 ES 013 11.22-.030 1.0
MESJ HN 490 304 IAML 013 19.52 22 0.4

September 18 2021 Hour: 14:12 16.8 Lat: 36.89N Lon: 10.44W Depth: 32F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	165	73	EP		1412	40.200	.080							1.0
MORF	HN	165	73	ES		1412	57.150	.000							1.0
MORF	HN	165	73	IAML		1412	58.75			298	0.1				
MESJ	HZ	223	61	EP		1412	47.20	-.060							1.0
MESJ	HN	223	61	ES		1413	9.46	-.030							1.0
MESJ	HN	223	61	IAML		1413	10.43			59	0.1				

September 18 2021 Hour: 15: 3 18.6 Lat: 36.30N Lon: 8.46W Depth: 13F 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	113	351	EP		15 3	36.18	-.200							1.0
MORF	HE	113	351	ES		15 3	49.500	.130							1.0
MORF	HN	113	351	IAML		15 3	51.65			37	0.2				
MESJ	HZ	172	7	EP		15 3	44.210	.070							1.0

September 18 2021 Hour: 20:47 6.8 Lat: 9.78S Lon: 148.56E Depth: 15F Agency: IGL Distant
Rms: 0.0 secs

EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16152	327	EPKP			21 6	42.98	-.020							1.0
MORF	BZ16222	327	EPKP			21 6	44.130	.020							1.0

September 19 2021 Hour: 0:31 48.4 Lat: 35.46N Lon: 3.63W Depth: 4F 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	488	304	EP		032	54.030	.130							1.0
MORF	HZ	495	296	EP		032	54.64	-.130							1.0

September 19 2021 Hour: 0:55 46.9 Lat: 35.48N Lon: 3.66W Depth: 1 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	485	304	EP		056	52.240	.000							1.0

September 19 2021 Hour: 12: 8 49.5 Lat: 35.53N Lon: 3.67W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	480	304	EP		12 9	54.45	-.000							1.0

September 20 2021 Hour: 20:25 26.4 Lat: 46.41N Lon: 152.41E Depth: 25F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.0 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10484	345	EP			2038	43.310	.000							1.0
MESJ	BZ10484	345	IAMs_20			2124	19.47			4174	17.0				

September 21 2021 Hour: 1:47 17.8 Lat: 38.31N Lon: 9.28W Depth: 15F Agency: IGL Regional
Rms: 0.0 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	119	EP		147	34.69	-.000							1.0

September 21 2021 Hour: 2:55 28.7 Lat: 37.63N Lon: 3.60W Depth: 17F 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	408	275	EP		256	23.08	-.000							1.0

September 22 2021 Hour: 2:18 56.1 Lat: 37.04N Lon: 13.52W Depth: 30F 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	433	85	EP		219	49.85	-.260							1.0
MORF	HN	433	85	ES		220	29.86	0.300							1.0
MORF	HN	433	85	IAML		220	34.63			6	0.2				
MESJ	HZ	477	78	EP		219	55.42	-.040							1.0

September 22 2021 Hour: 4:15 6.8 Lat: 35.92N Lon: 8.85W Depth: 1F 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	155	6	EP		415	31.37	-.070							1.0
MORF	HN	155	6	ES		415	49.47	0.070							1.0
MORF	HE	155	6	IAML		415	51.06			2	0.1				
MESJ	HZ	220	15	EP		415	39.56	-.000							1.0

September 22 2021 Hour: 9:57 7.4 Lat: 12.16N Lon: 87.85W Depth: 31F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

NEAR COAST OF NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8206	53	EP		10 8	38.57	-.040							1.0
GGNV	BZ	8206	53	IAMs_20		1033	35.73			23755	22.5				
MORF	BZ	8258	54	EP		10 8	41.64	0.220							1.0
MORF	BE	8258	54	ES		1018	13.49	-.020							1.0
MORF	BZ	8258	54	IAMs_20		1034	11.69			28457	22.3				
MESJ	BZ	8292	54	EP		10 8	43.10	-.080							1.0
MESJ	BE	8292	54	ES		1018	16.83	-.070							1.0
MESJ	BZ	8292	54	IAMs_20		1034	10.44			26155	34.8				

September 22 2021 Hour: 17:48 28.7 Lat: 36.51N Lon: 7.62W Depth: 31F Agency: IGL Regional
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	314	EP		1748	46.40	-.160							1.0
MESJ	HZ	157	340	EP		1748	50.35	0.160							1.0

September 22 2021 Hour: 23:14 5.4 Lat: 35.47N Lon: 3.62W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		2315	11.28	-.000							1.0

September 23 2021 Hour: 0:2 47.7 Lat: 36.85N Lon: 7.40W Depth: 27F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	295	EP		0 3	5.98	0.030							1.0
MORF	HE	122	295	ES		0 3	19.23	-.030							1.0
MORF	HE	122	295	IAML		0 3	19.78			4	0.1				
MESJ	HZ	132	327	EP		0 3	7.11	0.020							1.0
MESJ	HE	132	327	ES		0 3	21.20	-.020							1.0
MESJ	HE	132	327	IAML		0 3	25.35			2	0.1				

September 23 2021 Hour: 1:43 10.6 Lat: 37.40N Lon: 9.07W Depth: 31F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.1 secs
 NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	106	EP		143	17.430	.010							1.0
MORF	HE	39	106	ES		143	22.460	.060							1.0
MORF	HE	39	106	IAML		143	23.61			24	0.1				
MESJ	HZ	90	57	EP		143	23.65	-.070							1.0

September 23 2021 Hour: 10:21 43.2 Lat: 36.40N Lon: 8.08W Depth: 14F 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	113	333	EP		1022	0.91	-.090							1.0
MORF	HN	113	333	ES		1022	14.070	.100							1.0
MORF	HE	113	333	IAML		1022	15.43			15	0.1				
MESJ	HZ	160	356	EP		1022	7.270	.070							1.0
MESJ	HN	160	356	ES		1022	24.62	-.080							1.0
MESJ	HE	160	356	IAML		1022	25.31			3	0.1				

September 23 2021 Hour: 12:57 13.6 Lat: 36.55N Lon: 9.72W Depth: 16F 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	127	48	EP		1257	33.340	.060							1.0
MORF	HE	127	48	ES		1257	47.62	-.000							1.0
MORF	HN	127	48	IAML		1257	49.17			4	0.1				
MESJ	HZ	195	42	EP		1257	41.73	-.060							1.0

September 23 2021 Hour: 13:39 41.5 Lat: 36.32N Lon: 8.49W Depth: 0 Agency: IGL Regional
 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	110	352	EP		1339	59.320	.000							1.0

September 23 2021 Hour: 20:31 51.1 Lat: 37.30N Lon: 8.56W Depth: 11F Agency: IGL Regional
 Magnitudes: 0.6ML IGL Rms: 0.1 secs
 SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	273	EP		2031	53.31	-.070							1.0
MORF	HN	8	273	ES		2031	55.130	.070							1.0
MORF	HN	8	273	IAML		2031	55.38			25	0.1				

September 24 2021 Hour: 0:31 26.6 Lat: 35.59N Lon: 3.74W Depth: 0 Agency: IGL Regional
 Magnitudes: 2.9ML 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	472	303	EP		032	30.52	-.010							1.0
MESJ	HN	472	303	ES		033	17.420	.180							1.0
MESJ	HN	472	303	IAML		033	23.15			22	0.2				
MORF	HZ	480	295	EP		032	31.37	-.170							1.0

September 24 2021 Hour: 2:32 46.4 Lat: 37.31N Lon: 8.57W Depth: 14F Agency: IGL Regional
 Magnitudes: 1.0ML IGL Rms: 0.2 secs
 W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	265	EP		232	48.67	-.300							1.0
MORF	HN	7	265	ES		232	50.910	.040							1.0
MORF	HN	7	265	IAML		232	51.32			71	0.1				
MESJ	HZ	66	28	EP		232	57.430	.320							1.0
MESJ	HE	66	28	ES		233	4.91	-.040							1.0
MESJ	HN	66	28	IAML		233	7.06			4	0.1				

September 24 2021 Hour: 7:2 29.7 Lat: 51.19N Lon: 179.06W Depth: 28F Agency: IGL Distant
 Magnitudes: 5.5Mb IGL Rms: 0.0 secs
 ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10163		8	EP		715	32.910	0.010							1.0
MORF	BZ10163		8	IAMB		715	33.43			28	1.2				

September 24 2021 Hour: 11:52 28.8 Lat: 51.26N Lon: 179.06W Depth: 25F Agency: IGL Distant
 Magnitudes: 6.0Ms IGL Rms: 0.0 secs
 ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ 9995		8	EP		12 5	25.300	0.050							1.0
GGNV	BZ 9995		8	IAMS_20		1240	15.98			9406	31.1				
MESJ	BZ10100		7	EP		12 5	29.67-	.030							1.0
MESJ	BN10100		7	ESKSac		1215	59.96-	.010							1.0
MESJ	BZ10100		7	IAMS_20		1240	31.39			5890	23.8				
MORF	BZ10155		8	EP		12 5	32.06-	.000							1.0
MORF	BZ10155		8	IAMS_20		1240	55.17			6495	16.8				

September 25 2021 Hour: 3:12 14.8 Lat: 16.82N Lon: 61.16W Depth: 40F Agency: IGL Distant
 Rms: 0.0 secs
 GUADELOUPE REGION, LEEWARD ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 5601		55	EP		321	7.700	0.000							1.0

September 25 2021 Hour: 23:40 52.3 Lat: 36.57N Lon: 9.73W Depth: 16F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.1 secs
 WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 126		49	EP		2341	11.76-	.060							1.0
MORF	HN 126		49	ES		2341	26.200	.100							1.0
MORF	HN 126		49	IAML		2341	26.99			2	0.1				
MESJ	HZ 194		43	EP		2341	20.26-	.050							1.0

September 26 2021 Hour: 1:41 7.0 Lat: 35.50N Lon: 3.67W Depth: 0 Agency: IGL Regional
 Rms: 0.0 secs
 STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ 483		304	EP		142	12.300	0.000							1.0

September 26 2021 Hour: 2:26 49.2 Lat: 36.44N Lon: 9.73W Depth: 9F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.1 secs
 WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 136		45	EP		227	10.58-	.050							1.0
MORF	HE 136		45	ES		227	26.330	0.060							1.0
MORF	HN 136		45	IAML		227	27.21			2	0.1				
MESJ	HZ 205		40	EP		227	19.07-	.160							1.0
MESJ	HE 205		40	ES		227	41.300	.140							1.0
MESJ	HN 205		40	IAML		227	43.31			0.70	0.1				

September 26 2021 Hour: 4:14 51.8 Lat: 36.82N Lon: 7.56W Depth: 1 Agency: IGL Regional
 Magnitudes: 1.7ML IGL Rms: 0.1 secs
 STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 111		299	EP		415	9.69-	.020							1.0
MORF	HE 111		299	ES		415	22.880	0.090							1.0
MORF	HE 111		299	IAML		415	24.91			24	0.1				
MESJ	HZ 127		333	EP		415	12.10-	.240							1.0
MESJ	HN 127		333	ES		415	27.510	.170							1.0
MESJ	HN 127		333	IAML		415	29.20			9	0.2				

September 26 2021 Hour: 5:24 35.5 Lat: 37.11N Lon: 9.35W Depth: 30F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	66	71	EP		524	46.45	-.010							1.0
MORF	HN	66	71	ES		524	54.64	0.160							1.0
MORF	HN	66	71	IAML		524	55.59			14	0.2				
MESJ	HZ	129	51	EP		524	54.09	-.170							1.0

September 26 2021 Hour: 10:28 20.8 Lat: 36.80N Lon: 8.92W Depth: 15F 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	61	23	EP		1028	30.59	-.160							1.0
MORF	HE	61	23	ES		1028	38.17	0.160							1.0
MORF	HE	61	23	IAML		1028	39.29			18	0.1				

September 26 2021 Hour: 16: 5 57.3 Lat: 35.48N Lon: 3.69W Depth: 5F 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	482	304	EP		16 7	1.90	-.000							1.0

September 26 2021 Hour: 16:22 27.4 Lat: 35.41N Lon: 3.68W Depth: 8F 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	488	305	EP		1623	32.49	0.080							1.0
MESJ	HE	488	305	ES		1624	19.92	0.050							1.0
MESJ	HN	488	305	IAML		1624	23.52			10	0.4				
MORF	HZ	494	297	EP		1623	33.03	-.130							1.0

September 26 2021 Hour: 17:12 7.0 Lat: 13.93N Lon: 120.54E Depth: 98F Agency: IGL Distant
Rms: 0.1 secs

MINDORO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12196	319	EPP			1730	58.10	-.020							1.0
GGNV	BZ12203	320	EPP			1730	58.58	0.070							1.0
MORF	BZ12263	319	EPP			1731	2.42	-.050							1.0

September 26 2021 Hour: 19:38 49.2 Lat: 36.46N Lon: 9.92W Depth: 33F 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	147	50	EP		1939	10.19	-.060							1.0
MORF	HN	147	50	ES		1939	25.53	-.060							1.0
MORF	HN	147	50	IAML		1939	27.18			15	0.1				
MESJ	HZ	215	44	EP		1939	18.63	-.060							1.0
MESJ	HN	215	44	ES		1939	40.38	0.180							1.0
MESJ	HE	215	44	IAML		1939	41.51			4	0.0				

September 27 2021 Hour: 6:17 22.7 Lat: 35.11N Lon: 25.22E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Mb IGL Rms: 0.1 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2997	286	EP		623	4.21	-.070							1.0
MESJ	BZ	2997	286	IAMB		623	10.68			775	1.8				
MESJ	BN	2997	286	ES		627	42.59	0.130							1.0
MORF	BZ	3040	285	EP		623	7.87	0.030							1.0
MORF	BZ	3040	285	IAMB		623	19.30			506	2.1				
GGNV	BZ	3071	288	EP		623	10.18	-.080							1.0
GGNV	BZ	3071	288	IAMB		623	23.83			478	1.0				

September 27 2021 Hour: 6:37 42.9 Lat: 35.07N Lon: 25.28E Depth: 2F Agency: IGL Distant
Rms: 0.0 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3003	286	EP		643	26.260	.000							1.0

September 27 2021 Hour: 11: 2 26.0 Lat: 35.06N Lon: 25.22E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2998	286	EP		11 8	7.770	.000							1.0
MESJ	BZ	2998	286	IAMB		11 8	11.03			33	1.4				

September 28 2021 Hour: 4:48 9.3 Lat: 35.11N Lon: 25.19E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2994	286	EP		453	50.760	.070							1.0
MESJ	BZ	2994	286	IAMB		453	59.15			64	0.9				
MESJ	BE	2994	286	ES		458	28.64	-.080							1.0
MORF	BZ	3037	285	EP		453	54.14	-.110							1.0
MORF	BZ	3037	285	IAMB		454	1.20			145	1.8				
MORF	BE	3037	285	ES		458	35.080	.120							1.0

September 28 2021 Hour: 17: 1 12.3 Lat: 37.06N Lon: 8.87W Depth: 22F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

SE VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	33	35	EP		17 1	18.39	-.220							1.0
MORF	HE	33	35	ES		17 1	23.340	.130							1.0
MORF	HE	33	35	IAML		17 1	23.84			22	0.1				
MESJ	HZ	104	33	EP		17 1	28.670	.100							1.0

September 28 2021 Hour: 17: 4 19.4 Lat: 35.54N Lon: 3.70W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	477	304	EP		17 5	24.040	.000							1.0

September 28 2021 Hour: 22:22 13.2 Lat: 37.34N Lon: 8.54W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	11	248	ES		2222	17.560	.130							1.0
MORF	HN	11	248	IAML		2222	18.31			76	0.1				
MESJ	HZ	62	27	EP		2222	23.28	-.120							1.0
MESJ	HN	62	27	ES		2222	30.82	-.010							1.0
MESJ	HE	62	27	IAML		2222	31.53			2	0.1				

September 29 2021 Hour: 3:39 49.1 Lat: 38.44N Lon: 8.10W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	68	189	EP		340	0.140	.090							1.0
MESJ	HN	68	189	ES		340	7.91	-.090							1.0
MESJ	HE	68	189	IAML		340	8.17			3	0.1				

September 29 2021 Hour: 8:37 5.9 Lat: 38.87N Lon: 135.46E Depth:368F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.1 secs

SEA OF JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10748	332		EP		849	54.65	-.030							1.0
MESJ	BZ10748	332		IAMB		849	55.99			116	1.3				
MESJ	BZ10748	332		ES	P	851	59.240	.030							1.0
MESJ	BZ10748	332		EPP		853	54.940	.100							1.0
MORF	BZ10818	332		ES	P	852	2.08	-.080							1.0
MORF	BZ10818	332		EPP		853	59.70	-.010							1.0

September 29 2021 Hour: 17:28 4.1 Lat: 36.90N Lon: 8.42W Depth: 19F Agency: IGL Regional
Magnitudes: 2.1ML 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	49	335	EP		1728	12.620	.160							1.0
MORF	HE	49	335	ES		1728	18.51	-.050							1.0
MORF	HE	49	335	IAML		1728	19.65			160	0.2				
MESJ	HZ	106	10	EP		1728	20.55	-.250							1.0
MESJ	HN	106	10	ES		1728	33.120	.130							1.0
MESJ	HN	106	10	IAML		1728	34.67			30	0.1				

September 29 2021 Hour: 17:46 8.8 Lat: 35.44N Lon: 3.61W Depth: 17F 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	491	304	EP		1747	13.380	.040							1.0
MORF	HZ	498	296	EP		1747	14.17	-.040							1.0

September 29 2021 Hour: 18:46 5.0 Lat: 38.27N Lon: 7.97W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

NE ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	53	205	EP		1846	13.50	-.010							1.0
MESJ	HN	53	205	ES		1846	19.56	-.140							1.0
MESJ	HN	53	205	IAML		1846	20.78			96	0.1				
MORF	HZ	123	210	EP		1846	24.950	.100							1.0
MORF	HN	123	210	ES		1846	39.380	.060							1.0
MORF	HE	123	210	IAML		1846	40.89			175	0.1				

September 29 2021 Hour: 21:27 21.8 Lat: 35.46N Lon: 3.58W Depth: 17F 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	492	304	EP		2128	26.46	-.000							1.0

September 30 2021 Hour: 6:11 31.1 Lat: 36.62N Lon: 11.28W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML 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	246	71	EP		612	3.790	.090							1.0
MORF	HN	246	71	ES		612	27.41	-.090							1.0
MORF	HE	246	71	IAML		612	29.33			4	0.1				

September 30 2021 Hour: 23:11 34.4 Lat: 37.31N Lon: 8.50W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	267	EP		2311	36.90	-.390							1.0
MORF	HN	14	267	ES		2311	39.540	.150							1.0
MORF	HN	14	267	IAML		2311	40.07			41	0.2				
MESJ	HZ	64	23	EP		2311	44.870	.060							1.0
MESJ	HN	64	23	ES		2311	52.590	.190							1.0

MESJ HN 64 23 IAML 2311 53.60 4 0.1

**October 1 2021 Hour: 15:1 5.6 Lat: 37.27N Lon: 7.77W Depth: 9F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs**

NE S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	75	328	EP		15	1	17.57							1.0
MESJ	HN	75	328	ES		15	1	26.730							1.0
MESJ	HN	75	328	IAML		15	1	29.20			4			0.1	

**October 1 2021 Hour: 18:5 38.6 Lat: 36.26N Lon: 8.52W Depth: 6F 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	116	354	EP		18	5	57.22							1.0
MORF	HN	116	354	ES		18	6	10.980							1.0
MORF	HN	116	354	IAML		18	6	12.79			13			0.1	
MESJ	HZ	177	9	EP		18	6	5.480							1.0
MESJ	HE	177	9	ES		18	6	25.07							1.0
MESJ	HE	177	9	IAML		18	6	26.34			3			0.1	

**October 2 2021 Hour: 2:21 27.4 Lat: 35.04N Lon: 4.57W Depth: 30F 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
MORF	HZ	445	306	EP		222	25	520.130							1.0
MORF	HN	445	306	ES		223	7	58-.140							1.0
MORF	HE	445	306	IAML		223	9	12			3			0.1	
MESJ	HZ	451	315	EP		222	26	02-.090							1.0
MESJ	HN	451	315	ES		223	9	070.100							1.0
MESJ	HN	451	315	IAML		223	10	58			3			0.2	

**October 2 2021 Hour: 2:17 13.9 Lat: 7.10S Lon: 154.69E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.1 secs**

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16218	336	EPKP			236	51	87-.080							1.0
MESJ	BZ16218	336	IAMs_20			350	16	39			309			11.2	
MORF	BZ16289	336	EPKP			236	53	150.080							1.0

**October 2 2021 Hour: 6:29 19.1 Lat: 21.10S Lon: 174.89E Depth:536FAgency: IGL Distant
Rms: 0.1 secs**

VANUATU REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18037	10	EPKPdf			648	18	600.160							0.9
GGNV	BZ18037	10	EpPKPdf			650	25	10-.100							1.0
MESJ	BZ18149	8	EPKPdf			648	19	580.120							1.0
MESJ	BZ18149	8	EPKPab			649	13	630.010							1.0
MESJ	BZ18149	8	EpPKPdf			650	26	280.020							1.0
MORF	BZ18200	10	EPKPdf			648	19	84-.100							1.0
MORF	BZ18200	10	EPKPab			649	15	69-.020							1.0
MORF	BZ18200	10	EpPKPdf			650	26	67-.090							1.0

**October 2 2021 Hour: 12:52 35.1 Lat: 9.60S Lon: 71.18W Depth:589FAgency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs**

PERU-BRAZIL BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8322	47	EP		13	3	16.03							1.0
MORF	BZ	8322	47	IAMB		13	3	18.30			421			0.9	
MORF	BN	8322	47	ES		1312	6	33-.030							1.0
GGNV	BZ	8349	46	EP		13	3	17.430							1.0
GGNV	BZ	8349	46	IAMB		13	3	19.18			215			0.9	
GGNV	BN	8349	46	ES		1312	8	920.050							1.0
MESJ	BZ	8382	47	EP		13	3	19.020							1.0

MESJ BZ 8382 47 IAmb 13 3 20.52 152 1.0
 MESJ BN 8382 47 ES 1312 11.99-.040 1.0

October 2 2021 Hour: 17:59 9.3 Lat: 37.32N Lon: 8.56W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	258	EP		1759	11.40-.180								1.0
MORF	HE	8	258	ES		1759	13.400.140								1.0
MORF	HN	8	258	IAML		1759	14.25		80	0.1					
MESJ	HZ	65	27	EP		1759	19.900.040								1.0

October 2 2021 Hour: 20:43 38.8 Lat: 9.17S Lon: 67.24E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

MID-INDIAN RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9382	310	EP		2056	11.03-.070								1.0
MESJ	BN	9382	310	ESKSac		21 6	33.790.150								1.0
MESJ	BZ	9382	310	IAMs_20		2128	53.13		2362	20.5					
MORF	BZ	9402	309	EP		2056	12.150.070								1.0
MORF	BE	9402	309	ESKSac		21 6	34.78-.140								1.0
MORF	BZ	9402	309	IAMs_20		2128	51.61		3678	26.0					

October 2 2021 Hour: 22:26 19.5 Lat: 35.40N Lon: 3.58W Depth: 23F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	495	304	EP		2227	24.250.000								1.0

October 3 2021 Hour: 8:31 27.2 Lat: 37.30N Lon: 8.58W Depth: 13F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	274	EP		831	29.29-.300								1.0
MORF	HE	6	274	ES		831	31.550.200								1.0
MORF	HN	6	274	IAML		831	32.23		34	0.1					
MESJ	HZ	68	28	EP		831	38.250.120								1.0
MESJ	HN	68	28	ES		831	46.12-.010								1.0
MESJ	HN	68	28	IAML		831	47.02		6	0.1					

October 3 2021 Hour: 10:52 39.0 Lat: 36.48N Lon: 9.77W Depth: 6F 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	135	47	EP		1053	0.550.070								1.0
MORF	HE	135	47	ES		1053	16.18-.010								1.0
MORF	HE	135	47	IAML		1053	16.99		17	0.1					
MESJ	HZ	204	42	EP		1053	9.09-.100								1.0
MESJ	HN	204	42	ES		1053	31.290.040								1.0
MESJ	HN	204	42	IAML		1053	33.32		5	0.1					

October 4 2021 Hour: 2:39 27.7 Lat: 32.28N Lon: 49.74E Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Mb IGL Rms: 0.1 secs

WESTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5241	294	EP		247	59.86-.090								1.0
MESJ	BZ	5241	294	IAMB		248	1.77		593	1.9					
MESJ	BE	5241	294	ES		254	53.280.140								1.0
MORF	BZ	5290	293	EP		248	3.28-.210								1.0
MORF	BZ	5290	293	IAMB		248	5.32		346	1.8					
MORF	BE	5290	293	ES		254	59.640.050								1.0
GGNV	BZ	5301	295	EP		248	4.260.110								1.0
GGNV	BZ	5301	295	IAMB		248	6.05		377	1.0					

October 4 2021 Hour: 3:54 7.1 Lat: 60.40S Lon: 27.60W Depth: 10F Agency: IGL Distant
Magnitudes: 6.2Ms IGL Rms: 0.1 secs

SOUTH SANDWICH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10947	15		EPdif		4 7	45.86	-.160							1.0
MORF	BZ10947	15		IAMs_20		445	17.63			8727	22.4				
MESJ	BZ11012	15		EPdif		4 7	48.610	.050							1.0
MESJ	BZ11012	15		IAMs_20		442	11.30			9350	28.2				
GGNV	BZ11095	15		EPdif		4 7	51.950	.110							1.0
GGNV	BZ11095	15		IAMs_20		444	40.07			11461	28.2				

October 4 2021 Hour: 12:16 35.2 Lat: 36.75N Lon: 9.60W 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	104	54	EP		1216	51.62	-.120							1.0
MESJ	HZ	172	45	EP		1217	0.470	.100							1.0
MESJ	HE	172	45	ES		1217	18.780	.030							1.0
MESJ	HE	172	45	IAML		1217	19.00			2	0.2				

October 4 2021 Hour: 14:43 26.5 Lat: 37.05N Lon: 5.32W Depth: 1F Agency: IGL Regional
Magnitudes: 3.1ML 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	271	290	EP		1444	5.36	-.140							1.0
MORF	HZ	297	276	EP		1444	8.74	-.040							1.0
MORF	HE	297	276	ES		1444	39.850	.180							1.0
MORF	HN	297	276	IAML		1444	41.81			76	0.3				

October 5 2021 Hour: 0:25 48.4 Lat: 35.58N Lon: 3.69W Depth: 1 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	476	303	EP		026	52.73	-.010							1.0

October 6 2021 Hour: 2: 2 36.0 Lat: 37.32N Lon: 8.54W Depth: 6F Agency: IGL Regional
Magnitudes: 1.3ML 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		2 2	37.65	-.260							1.0
MORF	HE	10	260	ES		2 2	39.500	.170							1.0
MORF	HE	10	260	IAML		2 2	39.78			249	0.1				
MESJ	HZ	64	26	EP		2 2	46.380	.010							1.0
MESJ	HN	64	26	ES		2 2	54.060	.090							1.0
MESJ	HN	64	26	IAML		2 2	56.85			9	0.1				

October 6 2021 Hour: 6: 8 43.8 Lat: 36.51N Lon: 7.75W Depth: 24F Agency: IGL Regional
Magnitudes: 3.3ML 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	119	318	EP		6 9	1.71	-.190							1.0
MESJ	HZ	153	344	EP		6 9	6.280	.180							1.0
MESJ	HN	153	344	ES		6 9	22.360	.020							1.0
MESJ	HN	153	344	IAML		6 9	24.15			380	0.2				

October 6 2021 Hour: 15:39 11.3 Lat: 35.40N Lon: 3.64W Depth: 19F 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	491	305	EP		1540	15.63	-.000							1.0

October 6 2021 Hour: 22:1 8.3 Lat: 30.22N Lon: 68.01E Depth: 9F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs
PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6899	299	EP		2211	28.96	-.160							1.0
MESJ	BN	6899	299	ES		2219	54.770	.020							1.0
MESJ	BZ	6899	299	IAMs_20		2248	2.65			3938	18.3				
GGNV	BZ	6947	301	EP		2211	32.100	.150							1.0
GGNV	BN	6947	301	ES		2220	0.180	.110							1.0
GGNV	BZ	6947	301	IAMs_20		2247	52.56			3546	11.6				
MORF	BZ	6954	299	EP		2211	32.47	-.020							1.0
MORF	BN	6954	299	ES		2220	0.96	-.110							1.0
MORF	BZ	6954	299	IAMs_20		2248	47.29			4371	21.6				

October 6 2021 Hour: 23:44 1.0 Lat: 33.51N Lon: 4.01W Depth: 47F Agency: IGL Regional
Magnitudes: 0.0 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	613	323	EP		2345	18.790	.000							1.0

October 7 2021 Hour: 4:3 42.7 Lat: 37.20N Lon: 9.10W Depth: 14F Agency: IGL Regional
Magnitudes: 0.3ML 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	41	74	EP		4	3	49.51	-.150						1.0
MORF	HE	41	74	ES		4	3	54.910	.150						1.0
MORF	HN	41	74	IAML		4	3	55.58			2	0.1			

October 7 2021 Hour: 9:37 46.4 Lat: 35.73N Lon: 4.70W Depth: 23F Agency: IGL Regional
Magnitudes: 2.8ML 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	392	308	EP		938	38.720	.080							1.0
MESJ	HN	392	308	ES		939	16.770	.020							1.0
MESJ	HE	392	308	IAML		939	20.47				20	0.2			
MORF	HZ	395	297	EP		938	38.90	-.150							1.0
MORF	HE	395	297	ES		939	17.500	.050							1.0
MORF	HN	395	297	IAML		939	19.69				36	0.1			

October 7 2021 Hour: 13:41 25.0 Lat: 35.58N Lon: 140.07E Depth: 62F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs
NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11259	335	EP			1355	8.67	-.000							1.0
MESJ	BZ11259	335	IAMs_20			1440	36.99				1549	17.5			

October 7 2021 Hour: 18:28 3.7 Lat: 22.32N Lon: 94.77E Depth:110F Agency: IGL Distant
Magnitudes: 5.2Mb 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	9594	309	EP		1840	33.150	.000							1.0
MESJ	BZ	9594	309	IAMB		1840	35.20				33	1.3			

October 7 2021 Hour: 20:13 1.8 Lat: 58.78S Lon: 158.45E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.0 secs
MACQUARIE ISLAND REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17471	208	EPKPab			2033	27.44	-.540							1.0
MESJ	BZ17471	208	IAMs_20			2144	19.14				2441	16.5			

October 8 2021 Hour: 0:16 42.2 Lat: 36.67N Lon: 7.04W Depth: 32F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	160	297	EP		017	4.84	-.050							1.0
MORF	HN	160	297	ES		017	21.25	-.170							1.0
MORF	HN	160	297	IAML		017	21.99			11	0.2				
MESJ	HZ	167	321	EP		017	5.860	.150							1.0
MESJ	HE	167	321	ES		017	22.890	.060							1.0
MESJ	HE	167	321	IAML		017	24.28			11	0.2				

October 8 2021 Hour: 4:23 16.1 Lat: 41.22N Lon: 10.11W Depth: 44F Agency: IGL Regional
Rms: 0.0 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	409	156	EP		424	9.230	.020							1.0
MORF	HZ	452	163	EP		424	14.50	-.020							1.0

October 8 2021 Hour: 9:49 37.9 Lat: 36.92N Lon: 8.56W Depth: 20F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	349	EP		949	45.41	-.010							1.0
MORF	HE	43	349	ES		949	50.950	.010							1.0
MORF	HE	43	349	IAML		949	51.78			67	0.2				

October 8 2021 Hour: 23:16 25.9 Lat: 32.35N Lon: 49.77E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

WESTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5240	294	EP		2324	58.120	.000							1.0
MESJ	BZ	5240	294	IAMB		2325	4.57			46	1.8				

October 8 2021 Hour: 23:29 2.6 Lat: 36.50N Lon: 9.73W Depth: 10F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	47	EP		2329	23.310	.070							1.0
MESJ	HZ	200	42	EP		2329	31.80	-.080							1.0
MESJ	HE	200	42	ES		2329	53.27	-.000							1.0
MESJ	HN	200	42	IAML		2329	55.44			1	0.2				

October 9 2021 Hour: 1:44 8.6 Lat: 37.32N Lon: 8.62W Depth: 13F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	239	EP		144	10.54	-.350							1.0
MORF	HE	3	239	ES		144	12.720	.190							1.0
MORF	HN	3	239	IAML		144	12.99			164	0.1				
MESJ	HZ	68	31	EP		144	19.580	.000							1.0
MESJ	HN	68	31	ES		144	27.720	.170							1.0
MESJ	HN	68	31	IAML		144	28.47			4	0.1				

October 9 2021 Hour: 4:42 17.3 Lat: 35.47N Lon: 3.75W Depth: 3F 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	478	305	EP		443	21.740	.000							1.0

October 9 2021 Hour: 10:58 30.6 Lat: 21.17S Lon: 174.53E Depth:520F Agency: IGL Distant
Rms: 0.1 secs

VANUATU REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	18051	9	EPK	pdf	1117	31.82	0.110							1.0
MESJ	BZ	18162	8	EPK	pdf	1117	32.63	-.080							1.0
MESJ	BZ	18162	8	EPK	Pab	1118	26.98	-.140							1.0
MORF	BZ	18214	9	EPK	pdf	1117	33.14	-.060							1.0
MORF	BZ	18214	9	EPK	Pab	1118	29.42	0.170							1.0

October 9 2021 Hour: 12:42 35.5 Lat: 35.45N Lon: 3.59W Depth: 14F 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	491	304	EP		1243	40.40	0.050							1.0
MORF	HZ	498	296	EP		1243	41.19	-.050							1.0

October 10 2021 Hour: 0:20 41.4 Lat: 11.74S Lon: 71.71W Depth: 13F Agency: IGL Distant
Magnitudes: 5.9Mb IGL
Rms: 0.0 secs

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8525	47	EP		032	31.93	0.010							1.0
MORF	BZ	8525	47	I	Amb	032	33.72			257	1.1				
GGNV	BZ	8556	45	EP		032	33.43	0.030							1.0
GGNV	BZ	8556	45	I	Amb	032	33.87			74	1.1				
MESJ	BZ	8586	47	EP		032	34.87	-.060							1.0
MESJ	BZ	8586	47	I	Amb	032	36.07			83	1.1				
MESJ	BN	8586	47	ES		042	24.64	0.030							1.0

October 10 2021 Hour: 4:17 14.6 Lat: 38.79N Lon: 8.45W Depth: 16F Agency: IGL Regional
Magnitudes: 1.8ML IGL
Rms: 0.1 secs

N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	169	EP		417	31.71	0.110							1.0
MESJ	HN	107	169	ES		417	43.89	-.090							1.0
MESJ	HN	107	169	I	AML	417	44.80			10	0.2				
MORF	HZ	166	186	EP	g	417	40.55	0.090							1.0
MORF	HN	166	186	ES	g	417	59.22	-.100							1.0
MORF	HN	166	186	I	AML	418	2.21			19	0.3				

October 10 2021 Hour: 11:4 38.8 Lat: 36.92N Lon: 8.73W Depth: 28F Agency: IGL Regional
Magnitudes: 1.1ML IGL
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	9	EP		11 4	46.66	-.120							1.0
MORF	HE	43	9	ES		11 4	52.60	0.020							1.0
MORF	HE	43	9	I	AML	11 4	52.98			16	0.2				
MESJ	HN	112	24	ES		11 5	8.01	0.110							1.0
MESJ	HN	112	24	I	AML	11 5	9.24			3	0.2				

October 10 2021 Hour: 20:14 4.5 Lat: 37.35N Lon: 9.07W Depth: 30F Agency: IGL Regional
Magnitudes: 0.8ML IGL
Rms: 0.0 secs

W ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	37	98	EP		2014	11.87	-.050							1.0
MORF	HE	37	98	ES		2014	17.35	0.050							1.0
MORF	HE	37	98	I	AML	2014	17.52			7	0.2				

October 10 2021 Hour: 23: 3 33.2 Lat: 35.43N Lon: 9.62W Depth: 33F 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	225	22	EP		23 4	3.86	-.080							1.0
MORF	HN	225	22	ES		23 4	26.42	0.010							1.0
MORF	HE	225	22	IAML		23 4	27.03			2	0.0				
MESJ	HZ	295	25	EP		23 4	12.67	0.080							1.0

October 10 2021 Hour: 23:12 32.5 Lat: 36.72N Lon: 8.56W Depth: 20F Agency: IGL Regional
Magnitudes: 1.4ML 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	65	353	EP		2312	43.35	0.130							1.0
MESJ	HZ	128	14	EP		2312	51.59	-.310							1.0
MESJ	HE	128	14	ES		2313	6.24	0.170							1.0
MESJ	HN	128	14	IAML		2313	7.27			7	0.1				

October 11 2021 Hour: 9:10 25.1 Lat: 56.23N Lon: 156.48W Depth: 58F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9044	25	EP		922	35.33	0.060							1.0
GGNV	BE	9044	25	ES		932	41.87	-.100							1.0
GGNV	BZ	9044	25	IAMs_20		955	0.47			24344	21.6				
MESJ	BZ	9162	25	EP		922	40.87	0.040							1.0
MESJ	BE	9162	25	ES		932	52.93	0.090							1.0
MESJ	BZ	9162	25	IAMs_20		957	27.32			33681	21.9				
MORF	BZ	9207	25	EP		922	42.98	-.030							1.0
MORF	BE	9207	25	ES		932	57.03	-.060							1.0
MORF	BZ	9207	25	IAMs_20		958	17.84			26281	28.6				

October 11 2021 Hour: 20:45 26.4 Lat: 42.82N Lon: 1.49W Depth: 1F Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs

PYRENEES Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	864	227	EP		2047	17.27	0.000							1.0

October 11 2021 Hour: 22:59 52.6 Lat: 37.32N Lon: 8.58W Depth: 8F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	255	EP		2259	53.95	-.420							1.0
MORF	HE	7	255	ES		2259	55.89	0.250							1.0
MORF	HN	7	255	IAML		2259	56.75			44	0.1				
MESJ	HZ	66	29	EP		23 0	3.33	0.010							1.0
MESJ	HE	66	29	ES		23 0	11.30	0.170							1.0
MESJ	HN	66	29	IAML		23 0	12.91			3	0.1				

October 11 2021 Hour: 23: 9 59.4 Lat: 48.31N Lon: 153.75E Depth: 60F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10305	346	346	EP		2323	4.40	-.060							1.0
MESJ	BZ10305	346	346	IAMB		2323	5.33			21	1.0				
MESJ	BN10305	346	346	ESKSac		2333	32.96	0.050							1.0
MORF	BZ10371	346	346	EP		2323	7.26	0.010							1.0
MORF	BZ10371	346	346	IAMB		2323	9.79			43	1.1				

October 12 2021 Hour: 5:30 9.5 Lat: 35.51N Lon: 3.65W Depth: 14F 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	484	304	EP		531	13.460	.000							1.0

October 12 2021 Hour: 9:24 5.4 Lat: 35.13N Lon: 26.25E Depth: 24F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.1 secs

CRETE, GREECE Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3086	286	EP		929	51.97	-.210							1.0
MESJ	BZ	3086	286	IAMB		930	0.49			463	1.3				
MESJ	BN	3086	286	ES		934	34.420	.050							1.0
MORF	BZ	3130	285	EP		929	55.800	.050							1.0
MORF	BZ	3130	285	IAMB		930	3.31			98	1.2				
MORF	BE	3130	285	ES		934	40.690	.020							1.0
GGNV	BZ	3160	288	EP		929	58.120	.080							1.0
GGNV	BZ	3160	288	IAMB		930	13.73			765	1.1				

October 12 2021 Hour: 11:49 9.6 Lat: 37.21N Lon: 8.24W Depth: 15F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

N ALBUFEIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	38	286	EP		1149	15.94	-.170							1.0
MORF	HN	38	286	ES		1149	20.980	.090							1.0
MORF	HE	38	286	IAML		1149	22.42			51	0.1				
MESJ	HZ	70	1	EP		1149	21.060	.200							1.0
MESJ	HN	70	1	ES		1149	28.98	-.120							1.0
MESJ	HN	70	1	IAML		1149	31.60			20	0.1				

October 12 2021 Hour: 21:24 25.0 Lat: 36.54N Lon: 7.57W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	155	338	EP		2124	46.34	-.000							1.0
MESJ	HN	155	338	ES		2125	1.900	.000							1.0

October 12 2021 Hour: 22:50 44.3 Lat: 36.78N Lon: 8.75W Depth: 27F 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	59	8	EP		2250	54.27	-.030							1.0
MORF	HN	59	8	ES		2251	1.630	.050							1.0
MORF	HN	59	8	IAML		2251	2.45			63	0.1				
MESJ	HZ	127	22	EP		2251	3.04	-.030							1.0
MESJ	HN	127	22	ES		2251	16.770	.020							1.0
MESJ	HN	127	22	IAML		2251	17.27			5	0.1				

October 13 2021 Hour: 3:58 2.0 Lat: 37.00N Lon: 8.90W Depth: 2F 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	40	33	EP		358	8.49	-.060							1.0
MESJ	HZ	111	33	EP		358	19.86	-.080							1.0
MESJ	HE	111	33	ES		358	33.140	.140							1.0
MESJ	HN	111	33	IAML		358	34.00			2	0.2				

October 13 2021 Hour: 14:38 41.2 Lat: 35.59N Lon: 5.98W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML 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	306	309	EP		1439	22.01	-.140							1.0
MORF	HN	306	309	ES		1439	51.99	-.030							1.0
MORF	HN	306	309	IAML		1439	52.64			3	0.2				
MESJ	HZ	321	322	EP		1439	24.04	0.180							1.0
MESJ	HN	321	322	ES		1439	54.98	0.000							1.0
MESJ	HE	321	322	IAML		1439	56.06			2	0.1				

October 13 2021 Hour: 18:22 51.2 Lat: 36.08N Lon: 21.73E Depth: 10F Agency: IGL Distant
Magnitudes: 4.1Mb IGL Rms: 0.0 secs

CENTRAL MEDITERRANEAN SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2663	283	EP		1828	5.57	-.000							1.0
MESJ	BZ	2663	283	IAMB		1828	6.65			6	1.1				

October 13 2021 Hour: 20:24 59.6 Lat: 35.44N Lon: 3.58W Depth: 15F 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	493	304	EP		2026	4.68	0.100							1.0
MORF	HZ	500	296	EP		2026	5.36	-.100							1.0

October 14 2021 Hour: 2:49 56.2 Lat: 35.94N Lon: 12.24W Depth: 33F 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	355	64	EP		250	40.48	-.150							1.0
MORF	HE	355	64	ES		251	13.15	0.070							1.0
MORF	HN	355	64	IAML		251	14.41			3	0.2				
MESJ	HZ	416	58	EP		250	48.14	0.090							1.0

October 14 2021 Hour: 4:46 51.1 Lat: 36.63N Lon: 9.77W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	53	EP		447	10.52	-.060							1.0
MESJ	HZ	192	45	EP		447	18.90	-.060							1.0
MESJ	HN	192	45	ES		447	39.41	0.130							1.0
MESJ	HN	192	45	IAML		447	40.83			1.00	0.1				

October 14 2021 Hour: 5:51 56.1 Lat: 15.10S Lon: 167.40E Depth: 120F Agency: IGL Distant
Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17476	351	EPKpdf			611	36.79	0.050							1.0
MESJ	BZ17476	351	EPKpab			612	8.32	-.010							1.0
MORF	BZ17541	352	EPKpdf			611	37.56	0.020							1.0
MORF	BZ17541	352	EPKpab			612	10.87	-.060							1.0

October 14 2021 Hour: 19:19 48.1 Lat: 30.98N Lon: 7.01W Depth: 7F 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	718	348	EP		1921	21.10	0.000							1.0

October 15 2021 Hour: 1:51 12.4 Lat: 36.78N Lon: 7.29W Depth: 4F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	134	296	ES		151	49.58	-.080							1.0
MORF	HN	134	296	IAML		151	50.16			2	0.2				
MESJ	HZ	144	325	EP		151	35.46	0.140							1.0
MESJ	HE	144	325	ES		151	51.96	-.060							1.0
MESJ	HE	144	325	IAML		151	53.00			0.40	0.1				

October 15 2021 Hour: 2:44 57.0 Lat: 8.88S Lon: 158.48E Depth: 23F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16505	341	EPKP			3 4	41.22	0.000							1.0
GGNV	BZ16505	341	IAMs_20			411	47.36			7752	23.3				
MESJ	BZ16560	339	EPKP			3 4	42.56	-.030							1.0
MESJ	BZ16560	339	IAMs_20			414	10.82			5615	22.8				
MORF	BZ16630	340	EPKP			3 4	44.36	0.030							1.0
MORF	BZ16630	340	IAMs_20			413	8.79			8771	23.4				

October 15 2021 Hour: 17:41 45.6 Lat: 38.18N Lon: 1.15W Depth: 3F 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	622	269	EP		1743	7.46	0.030							1.0
MORF	HZ	668	264	EP		1743	13.05	-.030							1.0

October 15 2021 Hour: 21:9 23.9 Lat: 38.22N Lon: 8.78W Depth: 5F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	130	EP		21 9	34.20	-.190							1.0
MESJ	HE	65	130	ES		21 9	42.10	0.050							1.0
MESJ	HE	65	130	IAML		21 9	44.46			3	0.1				
MORF	HZ	102	174	EP		21 9	40.62	0.200							1.0
MORF	HN	102	174	ES		21 9	52.42	-.060							1.0
MORF	HN	102	174	IAML		21 9	53.17			13	0.2				

October 16 2021 Hour: 4:41 23.4 Lat: 36.29N Lon: 8.23W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	342	EP		441	41.91	-.140							1.0
MESJ	HZ	172	0	EP		441	48.99	0.120							1.0
MESJ	HE	172	0	ES		442	7.51	0.020							1.0
MESJ	HE	172	0	IAML		442	8.32			1	0.1				

October 16 2021 Hour: 5:8 9.3 Lat: 36.55N Lon: 9.79W Depth: 10F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	50	EP		5 8	29.95	-.060							1.0
MORF	HE	131	50	ES		5 8	45.23	0.090							1.0
MORF	HN	131	50	IAML		5 8	46.63			6	0.1				
MESJ	HZ	200	44	EP		5 8	38.46	-.080							1.0
MESJ	HN	200	44	ES		5 8	59.95	0.050							1.0
MESJ	HE	200	44	IAML		5 9	0.68			0.80	0.1				

October 16 2021 Hour: 9:35 48.9 Lat: 37.35N Lon: 8.47W Depth: 8F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	253	EP		935	51.91	-.100							1.0
MORF	HE	17	253	ES		935	54.350	.100							1.0
MORF	HE	17	253	IAML		935	55.41			26	0.2				

October 16 2021 Hour: 17:47 22.9 Lat: 60.13N Lon: 151.52W Depth: 60F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs
KENAI PENINSULA, ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8641	29	EP		1759	13.310	.040							1.0
MESJ	BZ	8641	29	IAMB		1759	14.61			5	1.0				
MORF	BZ	8685	29	EP		1759	15.52	-.040							1.0
MORF	BZ	8685	29	IAMB		1759	16.65			20	1.2				

October 17 2021 Hour: 0:32 9.7 Lat: 36.83N Lon: 9.26W Depth: 27F 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	75	46	EP		032	21.950	.020							1.0
MORF	HN	75	46	ES		032	30.86	-.020							1.0
MORF	HN	75	46	IAML		032	31.43			3	0.1				

October 17 2021 Hour: 4:25 42.3 Lat: 35.99N Lon: 10.50W Depth: 26F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	220	48	EP		426	12.72	-.070							1.0
MORF	HN	220	48	ES		426	35.120	.070							1.0
MORF	HN	220	48	IAML		426	35.68			1.00	0.1				

October 17 2021 Hour: 4:43 54.6 Lat: 37.32N Lon: 8.53W Depth: 10F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	261	EP		443	57.03	-.060							1.0
MORF	HN	11	261	ES		443	58.950	.060							1.0
MORF	HE	11	261	IAML		443	59.26			19	0.1				

October 17 2021 Hour: 20:37 2.3 Lat: 79.52N Lon: 4.32E Depth: 10F Agency: IGL Distant
Magnitudes: 4.3Mb IGL Rms: 0.0 secs
GREENLAND SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4671	195	EP		2044	53.830	.030							1.0
MESJ	BZ	4671	195	IAMB		2044	55.01			5	0.9				
MORF	BZ	4732	195	EP		2044	58.33	-.030							1.0
MORF	BZ	4732	195	IAMB		2044	58.64			11	1.3				

October 17 2021 Hour: 22:32 2.8 Lat: 36.40N Lon: 7.25W Depth: 30F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	160	309	EP		2232	25.36	-.230							1.0
MORF	HN	160	309	ES		2232	42.17	-.040							1.0
MORF	HN	160	309	IAML		2232	42.60			0.80	0.1				
MESJ	HZ	182	332	EP		2232	28.460	.270							1.0

October 17 2021 Hour: 23:43 22.0 Lat: 36.53N Lon: 2.97W Depth: 3F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	289	EP		2344	27.600	.020							1.0
MESJ	HE	488	289	ES		2345	15.46-	.020							1.0
MESJ	HE	488	289	IAML		2345	17.13			1	0.3				

October 18 2021 Hour: 0:28 43.1 Lat: 31.25N Lon: 5.91W Depth: 7F 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	718	340	EP		030	16.100	.040							1.0
MESJ	HZ	761	344	EP		030	21.12-	.040							1.0

October 18 2021 Hour: 7:26 52.3 Lat: 13.74S Lon: 166.94E Depth: 97F Agency: IGL Distant
Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17238	353	EPKPdf			746	33.060	.210							1.0
GGNV	BZ17238	353	EPKPab			746	57.86-	.120							1.0
MESJ	BZ17320	351	EPKPdf			746	34.020	.140							1.0
MESJ	BZ17320	351	EPKPab			747	1.13-	.040							1.0
MESJ	BZ17320	351	EPP			750	38.02-	.170							1.0
MORF	BZ17386	351	EPKPdf			746	34.860	.140							1.0
MORF	BZ17386	351	EPKPab			747	3.62-	.150							1.0

October 18 2021 Hour: 8:24 32.0 Lat: 54.00N Lon: 158.64E Depth: 171F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

KAMCHATKA PENINSULA, RUSSIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9756	350	EP		837	1.19-	.060							1.0
MESJ	BZ	9756	350	IAMB		837	1.63			43	1.5				
MORF	BZ	9820	350	EP		837	4.080	.060							1.0
MORF	BZ	9820	350	IAMB		837	6.99			117	2.2				

October 18 2021 Hour: 10:58 22.8 Lat: 36.58N Lon: 7.70W Depth: 23F 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	117	314	EP		1058	40.70-	.190							1.0
MESJ	HZ	147	342	EP		1058	44.780	.160							1.0
MESJ	HE	147	342	ES		1059	0.580	.030							1.0
MESJ	HN	147	342	IAML		1059	1.02			7	0.2				

October 18 2021 Hour: 14:46 27.4 Lat: 37.30N Lon: 8.59W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	275	EP		1446	29.29-	.330							1.0
MORF	HE	6	275	ES		1446	31.450	.210							1.0
MORF	HN	6	275	IAML		1446	32.17			16	0.2				
MESJ	HZ	68	29	EP		1446	38.440	.030							1.0
MESJ	HN	68	29	ES		1446	46.550	.100							1.0
MESJ	HN	68	29	IAML		1446	47.79			3	0.1				

October 19 2021 Hour: 5:32 32.2 Lat: 34.59N Lon: 28.39E Depth: 41F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.1 secs

EASTERN MEDITERRANEA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3291	287	EP		538	33.410	.110							1.0
MESJ	BZ	3291	287	IAMB		538	34.80			403	1.0				
MORF	BZ	3335	286	EP		538	36.71-	.120							1.0

MORF BZ 3335 286	IAmb	538	37.66	79	1.0	
GGNV BZ 3364 289	EP	538	39.230.130			1.0
GGNV BZ 3364 289	IAmb	538	41.02	600	0.6	
GGNV BN 3364 289	ES	543	36.66-.110			1.0

October 19 2021 Hour: 17:43 31.9 Lat: 37.03N Lon: 5.31W Depth: 1F 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	273	290	EP		1744	11.280.150								1.0
MORF	HZ	299	277	EP		1744	14.21-.150								1.0

October 19 2021 Hour: 18:20 45.5 Lat: 36.97N Lon: 5.30W Depth: 12F Agency: IGL Regional Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	276	291	EP		1821	23.96-.000								1.0

October 19 2021 Hour: 18:23 12.3 Lat: 36.97N Lon: 5.32W Depth: 9F 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	274	291	EP		1823	50.91-.010								1.0
MORF	HZ	299	278	EP		1823	53.970.010								1.0

October 19 2021 Hour: 23:47 49.3 Lat: 35.51N Lon: 3.63W Depth: 0 Agency: IGL Regional Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		2348	54.850.000								1.0

October 20 2021 Hour: 1:46 32.6 Lat: 35.37N Lon: 3.60W 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	496	305	EP		147	39.490.050								1.0
MESJ	HN	496	305	ES		148	28.17-.060								1.0
MESJ	HN	496	305	IAML		148	30.81			19	0.3				
MORF	HZ	502	297	EP		147	40.13-.060								1.0
MORF	HN	502	297	ES		148	29.590.070								1.0
MORF	HN	502	297	IAML		148	32.79			38	0.3				

October 20 2021 Hour: 3:53 59.2 Lat: 35.43N Lon: 3.58W Depth: 22F 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	494	304	EP		355	3.650.000								1.0

October 20 2021 Hour: 5:12 39.8 Lat: 37.20N Lon: 8.69W Depth: 2F Agency: IGL Regional Rms: 0.1 secs

N LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	16	EP		512	41.55-.190								1.0
MORF	HN	12	16	ES		512	43.260.070								1.0
MORF	HN	12	16	IAML		512	43.48			147	0.2				
MESJ	HZ	82	30	EP		512	53.160.130								1.0

October 20 2021 Hour: 6:38 30.8 Lat: 11.90S Lon: 166.65E Depth: 202F Agency: IGL Distant Rms: 0.1 secs

SANTA CRUZ ISLANDS Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17115	351	EPKPdf			657	57.130.130								1.0
MESJ	BZ17115	351	EPKPab			658	19.51-.130								1.0

October 21 2021 Hour: 2:59 5.8 Lat: 35.40N Lon: 3.61W Depth: 10F Agency: IGL Regional
Magnitudes: 2.9ML 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	493	305	EP		3 0	11.22	-.020							1.0
MESJ	HN	493	305	ES		3 0	59.150	.150							1.0
MESJ	HN	493	305	IAML		3 1	3.06			24	0.3				
MORF	HZ	499	296	EP		3 0	11.91	-.130							1.0

October 21 2021 Hour: 8:10 44.3 Lat: 25.32S Lon: 179.66E Depth: 497F Agency: IGL Distant
Rms: 0.0 secs
SOUTH OF FIJI ISLANDS Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18450		26	EPKp		829	51.11	-.000							1.0

October 21 2021 Hour: 12:26 1.3 Lat: 35.46N Lon: 3.55W Depth: 22F 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	494	304	EP		1227	5.77	-.000							1.0

October 22 2021 Hour: 1:48 28.4 Lat: 38.85N Lon: 8.05W Depth: 20F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
SE MORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	113	188	EP		148	46.100	.100							1.0
MESJ	HE	113	188	ES		148	58.74	-.100							1.0
MESJ	HN	113	188	IAML		148	59.57			5	0.2				

October 22 2021 Hour: 19:10 55.8 Lat: 38.80N Lon: 7.98W Depth: 14F Agency: IGL Regional
Magnitudes: 1.3ML 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	109	191	EP		1911	13.120	.140							1.0
MESJ	HE	109	191	ES		1911	25.36	-.140							1.0
MESJ	HN	109	191	IAML		1911	26.31			7	0.2				

October 23 2021 Hour: 19:54 2.5 Lat: 35.41N Lon: 3.66W Depth: 4F Agency: IGL Regional
Magnitudes: 3.3ML 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	488	305	EP		1955	7.98	-.030							1.0
MESJ	HN	488	305	ES		1955	55.960	.110							1.0
MESJ	HN	488	305	IAML		1955	59.58			60	0.4				
MORF	HZ	494	297	EP		1955	8.71	-.070							1.0

October 23 2021 Hour: 20: 4 35.2 Lat: 35.45N Lon: 3.66W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	304	EP		20 5	41.000	.000							1.0

October 24 2021 Hour: 4: 5 18.9 Lat: 36.31N Lon: 8.94W 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	113	13	EP		4 5	36.64	-.140							1.0
MORF	HN	113	13	ES		4 5	49.960	.140							1.0
MORF	HN	113	13	IAML		4 5	51.78			6	0.0				

October 24 2021 Hour: 6:15 42.6 Lat: 35.46N Lon: 3.83W Depth: 6F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	473	305	EP		616	46.030	.000							1.0

October 24 2021 Hour: 13:11 19.7 Lat: 36.27N Lon: 8.27W Depth: 11F 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	120	344	EP		1311	38.41	-.170							1.0
MORF	HE	120	344	ES		1311	52.390	.010							1.0
MORF	HN	120	344	IAML		1311	53.93			24	0.1				
MESJ	HZ	174	1	EP		1311	45.860	.190							1.0
MESJ	HN	174	1	ES		1312	4.61	-.020							1.0
MESJ	HN	174	1	IAML		1312	6.20			12	0.1				

October 25 2021 Hour: 0:15 32.7 Lat: 37.32N Lon: 8.62W Depth: 16F Agency: IGL Regional
Magnitudes: 0.8ML 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	3	239	EP		015	35.16	-.210							1.0
MORF	HE	3	239	ES		015	37.380	.050							1.0
MORF	HN	3	239	IAML		015	37.64			50	0.1				
MESJ	HZ	68	31	EP		015	43.670	.030							1.0
MESJ	HN	68	31	ES		015	51.780	.140							1.0
MESJ	HN	68	31	IAML		015	53.23			3	0.1				

October 25 2021 Hour: 21:46 35.9 Lat: 36.74N Lon: 7.46W Depth: 26F 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	HE	123	301	ES		2147	7.66	-.110							1.0
MORF	HE	123	301	IAML		2147	8.86			5	0.1				
MESJ	HZ	139	331	EP		2146	56.410	.110							1.0

October 27 2021 Hour: 5:38 19.3 Lat: 36.15N Lon: 10.12W Depth: 23F 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	183	45	EP		538	45.730	.090							1.0
MORF	HN	183	45	ES		539	4.77	-.090							1.0
MORF	HN	183	45	IAML		539	6.76			4	0.2				
MESJ	HZ	253	41	EP		538	54.210	.000							1.0

October 27 2021 Hour: 15:31 36.6 Lat: 35.46N Lon: 3.68W Depth: 2F Agency: IGL Regional
Magnitudes: 2.6ML 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	304	EP		1532	41.74	-.140							1.0
MORF	HZ	491	296	EP		1532	42.730	.020							1.0
MORF	HN	491	296	ES		1533	31.120	.120							1.0
MORF	HN	491	296	IAML		1533	35.25			12	0.4				

October 28 2021 Hour: 5:21 6.0 Lat: 35.44N Lon: 3.62W Depth: 16F 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	490	304	EP		522	10.510	.000							1.0
MORF	HZ	497	296	EP		522	11.36	-.000							1.0

October 28 2021 Hour: 9:17 56.6 Lat: 37.33N Lon: 8.52W Depth: 7F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	256	EP		917	58.79	-.160							1.0
MORF	HE	12	256	ES		918	0.790	.160							1.0
MORF	HE	12	256	IAML		918	1.19			75	0.1				

October 28 2021 Hour: 18:55 0.2 Lat: 35.51N Lon: 3.82W Depth: 8F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	471	305	EP		1856	3.340	.160							1.0
MORF	HZ	477	296	EP		1856	3.82	-.160							1.0

October 28 2021 Hour: 19: 6 57.5 Lat: 55.09N Lon: 158.87W Depth: 32F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs
ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9339	23	EP		1919	24.520	.020							1.0
MESJ	BZ	9339	23	IAMB		1919	26.28			19	0.8				
MORF	BZ	9385	23	EP		1919	26.64	-.020							1.0
MORF	BZ	9385	23	IAMB		1919	28.18			44	0.5				

October 29 2021 Hour: 0:54 5.6 Lat: 35.49N Lon: 3.76W Depth: 0 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	477	305	EP		055	10.04	-.070							1.0
MESJ	HN	477	305	ES		055	57.270	.070							1.0
MESJ	HN	477	305	IAML		056	0.68			3	0.1				

October 29 2021 Hour: 5:31 9.0 Lat: 37.32N Lon: 8.56W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	258	EP		531	11.670	.010							1.0
MORF	HE	8	258	ES		531	13.61	-.010							1.0
MORF	HE	8	258	IAML		531	14.04			37	0.1				

October 29 2021 Hour: 6:11 19.5 Lat: 33.19N Lon: 4.89W Depth: 22F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	571	324	EP		612	33.270	.010							1.0
MORF	HN	571	324	ES		613	26.96	-.150							1.0
MORF	HE	571	324	IAML		613	29.41			2	0.1				
MESJ	HZ	598	331	EP		612	36.660	.140							1.0

October 29 2021 Hour: 7:48 57.5 Lat: 36.30N Lon: 7.54W Depth: 0 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	181	341	EP		749	25.32	-.110							1.0
MESJ	HE	181	341	ES		749	45.960	.110							1.0
MESJ	HN	181	341	IAML		749	47.13			2	0.2				

October 29 2021 Hour: 8:11 15.4 Lat: 38.08N Lon: 8.58W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

S GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	41	130	EP		811	21.97	-.080							1.0
MESJ	HE	41	130	ES		811	26.92	-.010							1.0
MESJ	HN	41	130	IAML		811	27.70			12	0.1				
MORF	HZ	86	184	EP		811	29.390	.090							1.0

October 29 2021 Hour: 17:35 20.4 Lat: 36.57N Lon: 9.77W Depth: 15F 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	129	50	EP		1735	40.410	.000							1.0
MORF	HN	129	50	ES		1735	54.98	-.010							1.0
MORF	HN	129	50	IAML		1735	56.02			9	0.1				
MESJ	HZ	197	44	EP		1735	48.870	.010							1.0

October 29 2021 Hour: 19:55 26.3 Lat: 15.05S Lon: 73.97W Depth: 69F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8953	47	EP		20 7	30.880	.080							1.0
MORF	BZ	8953	47	IAMB		20 7	32.41			69	1.2				
MESJ	BZ	9014	47	EP		20 7	33.59	-.080							1.0
MESJ	BZ	9014	47	IAMB		20 7	35.66			48	1.3				

October 30 2021 Hour: 12:21 31.4 Lat: 35.48N Lon: 3.65W Depth: 1F Agency: IGL Regional
Magnitudes: 1.9ML 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	485	304	EP		1222	36.900	.000							1.0

October 30 2021 Hour: 19:50 58.6 Lat: 36.88N Lon: 7.32W Depth: 22F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	133	323	EP		1951	18.540	.070							1.0
MESJ	HN	133	323	ES		1951	32.91	-.070							1.0
MESJ	HN	133	323	IAML		1951	33.66			18	0.2				

October 31 2021 Hour: 16:37 45.8 Lat: 54.91N Lon: 158.67W Depth: 21F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

SOUTH OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9236	24	EP		1650	9.56	-.080							1.0
GGNV	BZ	9236	24	IAMs_20		1729	23.75			2227	12.9				
MESJ	BZ	9353	23	EP		1650	15.140	.080							1.0
MESJ	BZ	9353	23	IAMs_20		1726	37.84			3172	30.2				