

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

March to April

2021

Instituto D. Luiz
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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

March 1 2021 Hour: 19: 8 30.5 Lat: 37.65N Lon: 9.00W Depth: 12F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.0 secs
W ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	141	EP		19 8	38.670	.040							1.0
MORF	HN	49	141	ES		19 8	44.53-	.040							1.0
MORF	HE	49	141	IAML		19 8	45.66			2	0.1				

March 2 2021 Hour: 20:30 11.3 Lat: 36.87N Lon: 11.09W Depth: 32F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	222	77	EP		2030	41.70-	.000							1.0
MORF	HN	222	77	ES		2031	3.860	.000							1.0
MORF	HN	222	77	IAML		2031	4.70			4	0.2				

March 2 2021 Hour: 21:22 45.0 Lat: 43.96N Lon: 147.87E Depth: 28F Agency: IGL Distant
Magnitudes: 5.6Mb 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
MORF	BZ10710	341	EP			2136	10.800	.010							1.0
MORF	BZ10710	341	IAMB			2136	11.80			17	0.7				

March 3 2021 Hour: 8:26 12.8 Lat: 21.12S Lon: 178.75W Depth: 52F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs
FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ17995	26	EPKP			845	59.82-	.010							1.0

March 3 2021 Hour: 9: 3 38.9 Lat: 36.67N Lon: 11.20W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	237	72	EP		9 4	12.090	.030							1.0
MORF	HN	237	72	ES		9 4	36.23-	.030							1.0
MORF	HE	237	72	IAML		9 4	37.85			8	0.2				

March 3 2021 Hour: 10:16 8.4 Lat: 39.75N Lon: 22.20E Depth: 8F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs
GREECE Net: CSEM Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2691	274	EP		1021	25.510	.040							1.0
MORF	BN	2691	274	ES		1025	45.09-	.120							1.0
MORF	BN	2691	274	IAMS_20		1029	8.09			34159	18.8				
GGNV	BZ	2695	278	EP		1021	25.860	.080							1.0
GGNV	BN	2695	278	ES		1025	45.75-	.000							1.0
GGNV	BE	2695	278	IAMS_20		1032	10.93			85998	12.8				

March 3 2021 Hour: 11:45 45.5 Lat: 39.69N Lon: 22.21E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs
GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2692	274	EP		1151	2.34-	.010							1.0

March 3 2021 Hour: 18:24 7.8 Lat: 39.72N Lon: 22.08E Depth: 14F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs
GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2681	274	EP		1829	23.09-	.000							1.0
MORF	BZ	2681	274	IAMB		1829	32.39			57	1.0				

March 4 2021 Hour: 4:55 34.0 Lat: 36.75N Lon: 8.16W Depth: 21F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	76	325	EP		455	46.330	.020							1.0
MORF	HN	76	325	ES		455	55.26-	.020							1.0
MORF	HN	76	325	IAML		455	56.08			11	0.1				

March 4 2021 Hour: 7:3 11.7 Lat: 37.32N Lon: 8.48W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML 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	15	264	EP		7 3	14.96-	.050							1.0
MORF	HN	15	264	ES		7 3	17.460	.050							1.0
MORF	HE	15	264	IAML		7 3	18.38			32	0.2				

March 4 2021 Hour: 13:27 36.8 Lat: 37.56S Lon: 179.44E Depth: 21F Agency: IGL Distant
Magnitudes: 7.9Ms IGL Rms: 0.1 secs
OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ19249	78	EPKPdf			1347	44.040	.120							1.0
GGNV	BZ19249	78	EPP			1353	3.37-	.040							1.0
GGNV	BE19249	78	ESS			1414	17.56-	.060							1.0
GGNV	BZ19249	78	IAMs_20			1459	2.79			218000	22.4				
MORF	BZ19296	90	EPKPdf			1347	44.260	.090							1.0
MORF	BZ19296	90	EPP			1353	5.41-	.150							1.0
MORF	BN19296	90	ESS			1414	21.870	.030							1.0
MORF	BZ19296	90	IAMs_20			1459	25.90			187000	29.8				

March 4 2021 Hour: 16:2 0.5 Lat: 36.97N Lon: 8.38W Depth: 21F 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	44	327	EP		16 2	8.300	.070							1.0
MORF	HN	44	327	ES		16 2	13.80-	.070							1.0
MORF	HE	44	327	IAML		16 2	15.22			9	0.2				

March 4 2021 Hour: 16:53 11.3 Lat: 14.45S Lon: 167.30E Depth:172FAgency: IGL Distant
Magnitudes: 7.9Ms IGL Rms: 0.0 secs
VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ17469	352	EPKPab			1713	17.29-	.010							1.0

March 4 2021 Hour: 17:41 25.8 Lat: 29.61S Lon: 177.84W Depth: 56F Agency: IGL Distant
Magnitudes: 7.9Ms IGL Rms: 0.1 secs
KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18571	43	EPKPdf			18 1	24.650	.100							1.0
GGNV	BZ18571	43	EPP			18 6	17.090	.060							1.0
GGNV	BN18571	43	ESS			1826	58.070	.120							1.0
GGNV	BZ18571	43	IAMs_20			1912	46.48			249000	29.4				
MORF	BZ18704	47	EPKPdf			18 1	25.40-	.100							1.0
MORF	BZ18704	47	EPP			18 6	23.10-	.100							1.0
MORF	BN18704	47	ESS			1827	9.98-	.070							1.0
MORF	BZ18704	47	IAMs_20			1914	2.79			306000	35.0				

March 4 2021 Hour: 18:38 18.7 Lat: 39.80N Lon: 22.13E Depth: 5F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs
GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2684	274	EP		1843	35.53-	.130							1.0
MORF	BZ	2684	274	IAMB		1843	40.57			136	1.2				
MORF	BE	2684	274	ES		1847	55.440	.130							1.0

March 4 2021 Hour: 19:28 36.6 Lat: 29.54S Lon: 177.28W Depth: 25F Agency: IGL Distant
Magnitudes: 8.4Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18529	44	EP	KPdf		1948	39.21	-.020							1.0
GGNV	BN18529	44	ESS			2014	11.880	.190							1.0
GGNV	BZ18529	44	IAMs	20		21 3	12.66		615000	20.3					
MORF	BZ18659	48	EP	KPdf		1948	40.06	-.140							1.0
MORF	BZ18659	48	EPP			1953	35.930	.060							1.0
MORF	BN18659	48	ESS			2014	23.55	-.080							1.0
MORF	BZ18659	48	IAMs	20		21 3	12.38		526000	21.7					

March 5 2021 Hour: 11:57 9.6 Lat: 36.35N Lon: 11.01W Depth: 18F Agency: IGL Regional
Magnitudes: 2.2ML 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	235	63	EP		1157	42.560	.010							1.0
MORF	HN	235	63	ES		1158	6.63	-.010							1.0
MORF	HE	235	63	IAML		1158	8.78		14	0.2					

March 5 2021 Hour: 12:14 34.5 Lat: 36.76N Lon: 7.44W Depth: 25F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	300	EP		1214	53.05	-.020							1.0
MORF	HN	124	300	ES		1215	6.630	.020							1.0
MORF	HN	124	300	IAML		1215	7.45		10	0.2					

March 5 2021 Hour: 12:42 9.9 Lat: 37.11N Lon: 5.58W Depth: 10F 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
MORF	HZ	274	275	EP		1242	48.410	.010							1.0

March 5 2021 Hour: 14:24 50.3 Lat: 29.09S Lon: 176.31W Depth: 10F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18427	45	EP	KPdf		1444	54.810	.170							1.0
GGNV	BZ18427	45	EPP			1449	41.03	-.090							1.0
GGNV	BN18427	45	ESS			1510	20.240	.040							1.0
GGNV	BZ18427	45	IAMs	20		16 0	26.74		10800	24.1					
MORF	BZ18556	48	EP	KPdf		1444	55.55	-.110							1.0
MORF	BZ18556	48	EPP			1449	47.07	-.100							1.0
MORF	BN18556	48	ESS			1510	32.120	.090							1.0
MORF	BZ18556	48	IAMs	20		1556	56.87		8584	25.1					

March 5 2021 Hour: 22:56 6.3 Lat: 36.63N Lon: 9.75W Depth: 31F 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	123	52	EP		2256	23.47	-.120							1.0
MORF	HN	123	52	ES		2256	36.360	.120							1.0
MORF	HN	123	52	IAML		2256	36.99		32	0.2					

March 6 2021 Hour: 0:16 22.3 Lat: 37.63S Lon: 179.59E Depth: 13F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ19238	78	EP	KPdf		036	30.850	.080							1.0
GGNV	BZ19238	78	EPP			041	49.71	-.050							1.0
GGNV	BE19238	78	IAMs	20		158	1.87		6227	22.4					
MORF	BZ19283	90	EP	KPdf		036	31.030	.020							1.0

MORF BZ19283 90 EPP 041 51.77-.050 1.0
MORF BZ19283 90 IAMs_20 158 25.14 8523 29.1

**March 6 2021 Hour: 2:7 2.2 Lat: 36.41N Lon: 8.10W Depth: 11F 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 111 334 EP 2 7 19.74-.000 1.0

**March 6 2021 Hour: 7:47 25.8 Lat: 33.87N Lon: 9.19W Depth: 22F Agency: IGL Regional
Magnitudes: 2.7ML 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 384 7 EP 748 16.93-.000 1.0
MORF HE 384 7 ES 748 54.250.000 1.0
MORF HE 384 7 IAML 748 56.56 23 0.2

**March 8 2021 Hour: 15:16 32.1 Lat: 36.66N Lon: 11.34W Depth: 33F Agency: IGL Regional
Magnitudes: 2.2ML 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 250 73 EP 1517 5.91-.030 1.0
MORF HN 250 73 ES 1517 30.640.030 1.0
MORF HE 250 73 IAML 1517 31.30 13 0.3

**March 8 2021 Hour: 19:4 27.7 Lat: 36.57N Lon: 9.75W Depth: 11F 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 50 EP 19 4 47.73-.010 1.0
MORF HE 127 50 ES 19 5 2.370.010 1.0
MORF HN 127 50 IAML 19 5 3.15 4 0.1

**March 8 2021 Hour: 23:15 34.2 Lat: 36.79N Lon: 4.85W Depth: 24F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs**

SPAIN Net: MAD

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MORF HZ 343 281 EP 2316 20.130.090 1.0
MORF HN 343 281 ES 2316 53.44-.090 1.0
MORF HN 343 281 IAML 2316 58.01 27 0.2

**March 9 2021 Hour: 8:40 37.4 Lat: 36.96N Lon: 9.14W Depth: 29F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MORF HZ 58 48 EP 840 47.280.020 1.0
MORF HN 58 48 ES 840 54.47-.020 1.0
MORF HN 58 48 IAML 840 55.94 6 0.1

**March 9 2021 Hour: 19:2 16.1 Lat: 37.49N Lon: 9.22W Depth: 6F Agency: IGL Regional
Magnitudes: 1.2ML 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 54 112 EP 19 2 25.090.130 1.0
MORF HN 54 112 ES 19 2 31.27-.130 1.0
MORF HN 54 112 IAML 19 2 32.95 15 0.1

**March 10 2021 Hour: 12:2 52.8 Lat: 36.62N Lon: 7.59W Depth: 8F Agency: IGL Regional
Magnitudes: 2.2ML 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 121 309 EP 12 3 12.07-.000 1.0
MORF HE 121 309 ES 12 3 26.160.000 1.0
MORF HN 121 309 IAML 12 3 26.90 39 0.2

March 10 2021 Hour: 20:12 39.5 Lat: 20.12S Lon: 177.70W Depth:495F Agency: IGL Distant
Rms: 0.2 secs

FIJI REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17692	26	EP	KP	df	2031	39.820	.200							1.0
GGNV	BZ17692	26	EP	KP	ab	2032	19.55-	.240							1.0
MORF	BZ17848	27	EP	KP	df	2031	41.540	.240							1.0
MORF	BZ17848	27	EP	KP	ab	2032	25.86-	.200							1.0

March 10 2021 Hour: 22: 4 41.8 Lat: 36.67N Lon: 11.20W Depth: 31F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	237	72	EP		22 5	13.31-	.040							1.0
MORF	HN	237	72	ES		22 5	36.420	.040							1.0
MORF	HE	237	72	IAML		22 5	38.64			12	0.3				

March 11 2021 Hour: 7:32 43.7 Lat: 37.34N Lon: 8.55W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	247	EP		732	46.40-	.140							1.0
MORF	HN	10	247	ES		732	48.740	.140							1.0
MORF	HN	10	247	IAML		732	49.53			88	0.1				

March 11 2021 Hour: 13:12 27.1 Lat: 37.31N Lon: 8.53W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	267	EP		1312	29.72-	.100							1.0
MORF	HN	11	267	ES		1312	31.880	.100							1.0
MORF	HN	11	267	IAML		1312	32.30			27	0.1				

March 11 2021 Hour: 16:24 16.1 Lat: 36.63N Lon: 7.20W Depth: 16F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	149	300	EP		1624	38.55-	.050							1.0
MORF	HE	149	300	ES		1624	55.060	.050							1.0
MORF	HE	149	300	IAML		1624	55.49			11	0.2				

March 11 2021 Hour: 17:45 49.4 Lat: 36.30N Lon: 8.47W Depth: 1 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	113	352	EP		1746	7.42-	.150							1.0
MORF	HE	113	352	ES		1746	20.980	.150							1.0
MORF	HN	113	352	IAML		1746	22.84			21	0.2				

March 12 2021 Hour: 0: 3 20.7 Lat: 25.13S Lon: 178.41E Depth:558F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ18518	25	EP	KP	df	022	21.940	.120							1.0
MORF	BZ18518	25	EP	KP	ab	023	27.87-	.120							1.0

March 12 2021 Hour: 12:57 50.2 Lat: 39.84N Lon: 22.01E Depth: 7F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2621	275	EP		13 3	1.62-	.080							1.0
MESJ	BZ	2621	275	IAMB		13 3	2.71			69	1.0				
MESJ	BN	2621	275	ES		13 7	17.190	.080							1.0

MORF	BZ	2674	274	EP		13	3	5.90	-.150								1.0
MORF	BZ	2674	274	IAMB		13	3	7.92			673	2.2					
MORF	BN	2674	274	ES		13	7	24.86	0.040								1.0
GGNV	BZ	2678	277	EP		13	3	6.40	0.090								1.0
GGNV	BZ	2678	277	IAMB		13	3	8.07			69	0.8					

March 13 2021 Hour: 10:043.3 Lat: 36.13N Lon: 10.68W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	223	54	EP		10	1	15.29	-.080						1.0
MESJ	HZ	290	48	EP		10	1	23.60	-.020						1.0
MESJ	HN	290	48	ES		10	1	53.16	0.110						1.0
MESJ	HN	290	48	IAML		10	1	55.73			0.80	0.2			

March 13 2021 Hour: 14:51.6 Lat: 29.86S Lon: 177.85W Depth: 37F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18717	45	EPKp	f		1425	3.73	0.030							1.0
MESJ	BZ18717	45	EPP			1430	1.85	0.100							1.0
MESJ	BE18717	45	ESS			1450	50.84	0.010							1.0
MESJ	BZ18717	45	IAMS	_20		1536	30.50			1620	22.3				
MORF	BZ18723	48	EPKp	f		1425	3.58	-.210							0.9
MORF	BZ18723	48	EPP			1430	2.14	0.040							1.0
MORF	BZ18723	48	IAMS	_20		1540	46.79			2289	23.3				

March 13 2021 Hour: 18:3616.3 Lat: 37.32N Lon: 8.42W Depth: 16F Agency: IGL Regional
Magnitudes: 2.6ML 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	21	265	EP		1836	20.19	-.300							1.0
MORF	HE	21	265	ES		1836	23.72	0.150							1.0
MORF	HN	21	265	IAML		1836	24.58			789	0.1				
MESJ	HZ	60	17	EP		1836	26.26	0.120							1.0
MESJ	HN	60	17	ES		1836	33.37	0.030							1.0
MESJ	HN	60	17	IAML		1836	35.34			314	0.2				

March 13 2021 Hour: 19:5258.1 Lat: 35.58N Lon: 7.04W Depth: 24F 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	240	323	EP		1953	31.03	-.110							1.0
MORF	HN	240	323	ES		1953	55.29	0.030							1.0
MORF	HE	240	323	IAML		1953	57.10			13	0.4				
MESJ	HZ	272	338	EP		1953	35.16	0.050							1.0
MESJ	HN	272	338	ES		1954	2.15	0.030							1.0
MESJ	HN	272	338	IAML		1954	6.10			7	0.2				

March 13 2021 Hour: 21:2157.2 Lat: 28.15S Lon: 176.53W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18492	42	EPKp	f		2142	1.98	-.090							1.0
MESJ	BZ18492	42	EPP			2146	51.14	0.080							1.0
MESJ	BN18492	42	ESS			22	7	33.17	0.150						1.0
MESJ	BZ18492	42	IAMS	_20		2258	59.66			5945	29.7				
MORF	BZ18501	45	EPKp	f		2142	1.98	-.210							1.0
MORF	BZ18501	45	EPP			2146	51.57	0.060							1.0
MORF	BZ18501	45	IAMS	_20		2259	28.41			3402	15.5				

March 14 2021 Hour: 7:44 12.6 Lat: 42.60N Lon: 7.20W Depth: 19F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	536	190	EP		745	22.460	.040							1.0
MORF	HZ	601	192	EP		745	30.31	-.050							1.0

March 14 2021 Hour: 14:15 28.0 Lat: 64.00N Lon: 22.11W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Ms IGL
Rms: 0.0 secs

ICELAND Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3052	156	EP		1421	14.09	-.010							1.0
MESJ	BZ	3052	156	IAMs_20		1429	22.48			3069	23.6				

March 14 2021 Hour: 17:52 45.2 Lat: 39.24N Lon: 13.82W Depth: 0 Agency: IGL Regional
Magnitudes: 3.7ML IGL
Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	409	97	EP		1753	36.71	-.100							1.0
GGNV	HN	409	97	IAML		1754	21.10			496	0.4				
MORF	HZ	501	114	EP		1753	48.150	.030							1.0
MORF	HN	501	114	ES		1754	34.040	.020							1.0
MORF	HN	501	114	IAML		1754	38.28			95	0.2				
MESJ	HZ	512	106	EP		1753	49.630	.110							0.9
MESJ	HE	512	106	ES		1754	36.40	-.040							0.9
MESJ	HN	512	106	IAML		1754	41.01			88	0.4				

March 14 2021 Hour: 18: 6 22.8 Lat: 36.72N Lon: 8.90W Depth: 25F 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	69	19	EP		18 6	34.09	-.010							1.0
MORF	HN	69	19	ES		18 6	42.32	-.000							1.0
MORF	HN	69	19	IAML		18 6	44.34			22	0.1				
MESJ	HZ	138	26	EP		18 6	43.01	-.130							1.0
MESJ	HN	138	26	ES		18 6	58.090	.140							1.0
MESJ	HE	138	26	IAML		18 6	59.85			3	0.1				

March 15 2021 Hour: 15:43 37.2 Lat: 39.76N Lon: 22.12E Depth: 7F Agency: IGL Distant
Magnitudes: 4.5Mb IGL
Rms: 0.0 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2632	275	EP		1548	49.500	.000							1.0
MESJ	BZ	2632	275	IAMB		1548	51.87			18	1.2				

March 16 2021 Hour: 18:38 23.4 Lat: 54.70N Lon: 163.21E Depth: 22F Agency: IGL Distant
Magnitudes: 6.8Ms IGL
Rms: 0.1 secs

EAST COAST OF KAMCHATKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9633	354	EP		1851	4.930	.010							1.0
GGNV	BE	9633	354	IAMs_20		1930	14.73			53033	25.0				
MESJ	BZ	9723	353	EP		1851	8.78	-.120							1.0
MESJ	BZ	9723	353	IAMs_20		1932	19.06			32083	24.0				
MORF	BZ	9785	354	EP		1851	11.730	.110							1.0
MORF	BZ	9785	354	IAMs_20		1933	37.48			39120	20.5				

March 16 2021 Hour: 23:39 27.1 Lat: 37.14N Lon: 9.29W Depth: 28F Agency: IGL Regional
Magnitudes: 0.6ML IGL
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	72	EP		2339	37.14	-.100							1.0
MORF	HN	59	72	ES		2339	44.660	.060							1.0
MORF	HE	59	72	IAML		2339	45.80			3	0.1				

MESJ HE 122 50 ES 2339 58.590.040 1.0
 MESJ HN 122 50 IAML 2339 59.30 1.00 0.1

**March 17 2021 Hour: 2: 9 28.9 Lat: 35.35N Lon: 6.05W Depth: 40F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs**

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	338	326	EP		210	13.33	-.160							1.0
MESJ	HE	338	326	ES		210	46.210	.160							1.0
MESJ	HN	338	326	IAML		210	48.25			2	0.1				

**March 17 2021 Hour: 2:15 45.0 Lat: 36.19N Lon: 7.74W Depth: 11F Agency: IGL Regional
 Magnitudes: 3.5ML 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
MORF	HZ	148	327	EP		216	7.780	.030							1.0
MORF	HN	148	327	ES		216	26.32	-.130							1.0
MORF	HN	148	327	IAML		216	29.16			1023	0.2				
MESJ	HZ	188	347	EP		216	12.850	.200							1.0
MESJ	HN	188	347	ES		216	32.77	-.090							1.0
MESJ	HN	188	347	IAML		216	41.79			321	0.3				
GGNV	HE	307	336	ES		216	58.400	.000							0.9
GGNV	HN	307	336	IAML		217	1.97			134	0.3				

**March 17 2021 Hour: 21:49 54.2 Lat: 36.50N Lon: 6.74E Depth: 10F Agency: IGL Distant
 Rms: 0.0 secs**

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1336	281	EP		2152	45.50	-.000							1.0

**March 18 2021 Hour: 0: 4 6.5 Lat: 36.92N Lon: 5.21E Depth: 10F Agency: IGL Distant
 Magnitudes: 5.5Ms IGL Rms: 0.1 secs**

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1193	279	EP		0 6	40.02	-.170							1.0
MESJ	BZ	1193	279	IAMs_20		011	36.54			28553	11.3				
MORF	BZ	1232	276	EP		0 6	45.100	.070							1.0
MORF	BE	1232	276	IAMs_20		012	0.18			37031	13.9				
GGNV	BZ	1279	283	EP		0 6	50.820	.090							1.0
GGNV	BZ	1279	283	IAMs_20		011	56.59			29984	11.1				

**March 18 2021 Hour: 0:17 5.8 Lat: 36.98N Lon: 5.29E Depth: 10F Agency: IGL Distant
 Rms: 0.0 secs**

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	1238	276	EP		019	45.10	-.000							1.0

**March 18 2021 Hour: 0:33 27.2 Lat: 36.81N Lon: 5.33E Depth: 10F Agency: IGL Distant
 Rms: 0.0 secs**

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1205	280	EP		036	2.44	-.000							1.0

**March 18 2021 Hour: 9:51 37.6 Lat: 38.84N Lon: 9.07W Depth: 13F Agency: IGL Regional
 Magnitudes: 3.4ML IGL Rms: 0.1 secs**

E LOURES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	15	207	EP		951	40.72	-.160							1.0
GGNV	HN	15	207	ES		951	43.23	-.010							1.0
GGNV	HN	15	207	IAML		951	44.66			9673	0.4				
MESJ	HZ	134	146	EP		951	58.410	.020							0.9
MESJ	HE	134	146	ES		952	13.600	.070							0.9
MESJ	HN	134	146	IAML		952	17.39			554	0.2				
MORF	HZ	174	168	EP		952	3.610	.130							0.9

MORF HN 174 168 ES 952 24.50-.040 0.9
MORF HN 174 168 IAML 952 29.28 559 0.2

March 18 2021 Hour: 18:12 20.8 Lat: 35.67N Lon: 9.89W Depth: 27F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	213	31	EP		1812	50.23	-.030							1.0
MORF	HE	213	31	ES		1813	11.780	.030							1.0
MORF	HE	213	31	IAML		1813	12.81			8	0.1				

March 19 2021 Hour: 6:11 27.3 Lat: 31.91N Lon: 92.90E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

EASTERN XIZANG Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8782	308	EP		623	31.40	-.030							1.0
MESJ	BN	8782	308	ES		633	30.930	.040							1.0
MESJ	BZ	8782	308	IAMs_20		7 3	41.72			2916	18.8				
GGNV	BZ	8799	309	EP		623	32.260	.020							1.0
GGNV	BZ	8799	309	IAMs_20		7 1	43.69			2785	27.5				
MORF	BZ	8846	307	EP		623	34.54	-.090							1.0
MORF	BE	8846	307	ES		633	37.160	.060							1.0
MORF	BZ	8846	307	IAMs_20		7 4	7.80			2862	20.3				

March 19 2021 Hour: 12:33 9.7 Lat: 36.58N Lon: 9.79W Depth: 16F 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	129	51	EP		1233	29.58	-.060							1.0
MORF	HN	129	51	ES		1233	44.18	-.040							1.0
MORF	HN	129	51	IAML		1233	44.89			8	0.2				
MESJ	HZ	197	44	EP		1233	38.01	-.050							1.0
MESJ	HN	197	44	ES		1233	58.950	.160							1.0
MESJ	HN	197	44	IAML		1234	0.36			3	0.3				

March 19 2021 Hour: 18:52 43.7 Lat: 35.51S Lon: 178.68E Depth: 169F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs

OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19328		71	EPKpdf		1912	32.440	.010							1.0

March 19 2021 Hour: 20:55 12.2 Lat: 36.53N Lon: 9.01W Depth: 7F 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	92	20	EP		2055	26.88	-.110							1.0
MORF	HN	92	20	ES		2055	37.920	.110							1.0
MORF	HN	92	20	IAML		2055	39.42			5	0.1				

March 20 2021 Hour: 1:49 17.5 Lat: 47.25N Lon: 27.40W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1882	117	EP		153	14.42	-.140							1.0
MESJ	BZ	1882	117	IAMs_20		157	43.39			28190	22.3				
MORF	BZ	1892	119	EP		153	15.840	.140							1.0
MORF	BZ	1892	119	IAMs_20		157	32.37			29686	25.5				

March 20 2021 Hour: 9: 9 45.5 Lat: 38.48N Lon: 141.61E Depth: 54F Agency: IGL Distant
Magnitudes: 7.4Ms IGL Rms: 0.1 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
GGNV	BZ10964	337		EPdif		923	18.27	-.010							1.0
GGNV	BZ10964	337		EPP		927	19.550	.040							1.0
GGNV	BE10964	337		ESKSac		933	51.35	-.050							1.0
GGNV	BN10964	337		ESS		941	30.820	.060							1.0
GGNV	BE10964	337		IAMs_20	10	2	11.14		151000	25.7					
MESJ	BZ11021	336		EPdif		923	20.52	-.080							1.0
MESJ	BZ11021	336		EPP		927	23.590	.110							1.0
MESJ	BZ11021	336		IAMs_20	10	9	0.49		148000	21.8					
MORF	BZ11091	336		EPdif		923	23.36	-.080							1.0
MORF	BZ11091	336		EPP		927	28.310	.010							1.0
MORF	BZ11091	336		IAMs_20	10	9	31.09		166000	26.6					

March 20 2021 Hour: 14:22 38.3 Lat: 37.06N Lon: 5.29W Depth: 6F 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	273	289	EP		1423	17.10	-.010							1.0

March 20 2021 Hour: 15:30 22.7 Lat: 34.72N Lon: 83.48E Depth: 15F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs

WESTERN XIZANG Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7886	303	EP		1541	39.480	.010							1.0
MESJ	BZ	7886	303	IAMB		1541	41.11		60	1.5					

March 20 2021 Hour: 22:23 32.2 Lat: 36.50N Lon: 9.86W Depth: 20F 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	140	50	EP		2223	53.07	-.040							1.0
MESJ	HZ	208	44	EP		2224	1.53	-.040							1.0
MESJ	HN	208	44	ES		2224	23.100	.080							1.0
MESJ	HN	208	44	IAML		2224	25.59		4	0.3					

March 21 2021 Hour: 0:14 35.7 Lat: 36.67N Lon: 7.48W Depth: 22F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	304	EP		014	54.870	.090							1.0
MORF	HN	126	304	ES		015	8.63	-.040							1.0
MORF	HE	126	304	IAML		015	9.55		10	0.1					
MESJ	HZ	145	333	EP		014	57.220	.050							1.0
MESJ	HN	145	333	ES		015	12.71	-.100							1.0
MESJ	HE	145	333	IAML		015	14.57		1	0.1					

March 21 2021 Hour: 0:52 47.5 Lat: 37.17N Lon: 3.78W Depth: 1 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	400	282	EP		053	42.470	.060							1.0
MORF	HZ	433	273	EP		053	46.47	-.060							1.0

March 21 2021 Hour: 1:35 49.0 Lat: 39.79N Lon: 8.83W Depth: 2F Agency: IGL Regional
Magnitudes: 3.4ML IGL Rms: 0.1 secs

NW LEIRIA, PORTUGAL Ne: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	122	193	ES		136	23.01	-.130							1.0
GGNV	HE	122	193	IAML		136	25.07		2515	0.5					
MESJ	HZ	223	166	EP		136	21.90	-.050							1.0

MESJ HN	223	166	ES		136	46.250.250										1.0
MESJ HN	223	166	IAML		136	53.97			99	0.1						
MORF HZ	276	177	EP		136	28.51-.110										0.9
MORF HN	276	177	ES		136	57.590.050										0.9
MORF HN	276	177	IAML		137	7.45			161	0.3						

March 21 2021 Hour: 6:152.0 Lat: 30.51N Lon: 9.07W Depth: 31F Agency: IGL Regional Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		755	3	EP		6	3	26.320.060							1.0
MESJ HZ		817	5	EP		6	3	33.48-.060							1.0

March 21 2021 Hour: 8:46 1.7 Lat: 37.32N Lon: 8.29W Depth: 26F Agency: IGL Regional 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		32	267	EP		846		8.05-.150							1.0
MORF HE		32	267	ES		846		13.020.100							1.0
MORF HN		32	267	IAML		846		13.61		4	0.1				
MESJ HN		58	6	ES		846		18.750.050							1.0
MESJ HE		58	6	IAML		846		20.62		2	0.1				

March 21 2021 Hour: 10:55 29.1 Lat: 36.54N Lon: 7.54W Depth: 14F 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		130	311	EP		1055		49.34-.080							1.0
MESJ HZ		156	337	EP		1055		52.690.080							1.0
MESJ HN		156	337	ES		1056		9.750.000							1.0
MESJ HN		156	337	IAML		1056		12.34		4	0.2				

March 21 2021 Hour: 10:55 27.5 Lat: 21.17S Lon: 67.20W Depth:182FAgency: IGL Distant Rms: 0.0 secs

POTOSI, BOLIVIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ		8980	43	EP		11	7	20.470.000							1.0
MESJ BZ		8980	43	IAMB		11	7	21.36		22	1.0				

March 21 2021 Hour: 12:9 34.2 Lat: 37.33N Lon: 8.56W Depth: 18F Agency: IGL Regional Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		9	251	EP		12	9	37.26-.220							1.0
MORF HN		9	251	ES		12	9	39.920.080							1.0
MORF HN		9	251	IAML		12	9	40.85		9	0.1				
MESJ HN		64	28	ES		12	9	52.480.150							1.0
MESJ HN		64	28	IAML		12	9	53.02		2	0.2				

March 21 2021 Hour: 14:17 16.7 Lat: 19.49S Lon: 63.98W Depth:593FAgency: IGL Distant Rms: 0.1 secs

CHUQUISACA, BOLIVIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ		8550	42	EP		1428		8.790.060							1.0
MORF BZ		8550	42	IAMB		1428		10.32		51	1.0				
MESJ BZ		8616	42	EP		1428		11.84-.060							1.0
MESJ BZ		8616	42	IAMB		1428		12.97		39	0.9				

March 21 2021 Hour: 16:48 41.4 Lat: 38.30N Lon: 8.20W Depth: 6F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
W VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	51	182	EP		1648	49.64	-.020							1.0
MESJ	HN	51	182	ES		1648	55.750	.020							1.0
MESJ	HN	51	182	IAML		1648	56.03			4	0.1				

March 21 2021 Hour: 19:10 56.3 Lat: 37.15N Lon: 14.72W Depth: 34F Agency: IGL Regional
Magnitudes: 2.4ML 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	539	86	EP		1912	3.410	.090							1.0
MORF	HE	539	86	ES		1912	52.18	-.040							1.0
MORF	HN	539	86	IAML		1912	55.42			5	0.2				
MESJ	HZ	580	80	EP		1912	8.27	-.050							1.0

March 21 2021 Hour: 21:50 9.1 Lat: 35.45N Lon: 3.80W Depth: 0 Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	476	305	EP		2151	13.44	-.050							1.0
MORF	HZ	482	297	EP		2151	14.260	.050							1.0

March 22 2021 Hour: 4:37 43.8 Lat: 3.90N Lon: 71.36W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.1 secs
COLOMBIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7352	49	EP		448	30.91	-.040							1.0
GGNV	BZ	7352	49	IAMB		448	31.19			38	0.6				
MORF	BZ	7355	51	EP		448	31.330	.140							1.0
MORF	BZ	7355	51	IAMB		448	33.30			233	1.8				
MESJ	BZ	7407	50	EP		448	34.02	-.090							1.0
MESJ	BZ	7407	50	IAMB		448	34.91			11	0.6				

March 22 2021 Hour: 8:1 54.9 Lat: 36.87N Lon: 8.54W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	348	EP		8 2	2.94	-.120							1.0
MORF	HN	49	348	ES		8 2	9.150	.120							1.0
MORF	HN	49	348	IAML		8 2	9.80			2	0.2				

March 22 2021 Hour: 9:43 17.6 Lat: 36.45N Lon: 7.79W Depth: 20F Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	321	EP		943	36.19	-.130							1.0
MESJ	HZ	159	346	EP		943	41.000	.140							1.0

March 22 2021 Hour: 12:11 15.5 Lat: 34.75N Lon: 5.78W Depth: 0 Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	384	318	EP		1212	8.52	-.170							1.0
MORF	HN	384	318	ES		1212	47.510	.000							1.0
MORF	HE	384	318	IAML		1212	53.94			47	0.6				
MESJ	HZ	407	328	EP		1212	11.510	.000							1.0
MESJ	HN	407	328	ES		1212	52.540	.170							1.0
MESJ	HN	407	328	IAML		1212	54.99			92	0.2				

March 22 2021 Hour: 14:17 40.0 Lat: 35.49N Lon: 3.67W Depth: 0 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	483	304	EP		1418	45.23	-.100							1.0
MESJ	HN	483	304	ES		1419	33.02	-.010							1.0
MESJ	HN	483	304	IAML		1419	36.86			10	0.4				
MORF	HZ	490	296	EP		1418	46.18	-.040							1.0
MORF	HN	490	296	ES		1419	34.71	0.140							1.0
MORF	HN	490	296	IAML		1419	40.49			17	0.6				

March 22 2021 Hour: 14:30 39.7 Lat: 36.88N Lon: 8.01W Depth: 31F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	74	310	EP		1430	50.87	-.120							1.0
MORF	HN	74	310	ES		1430	59.32	0.120							1.0
MORF	HN	74	310	IAML		1431	1.43			3	0.2				

March 23 2021 Hour: 5:12 15.3 Lat: 36.80N Lon: 8.35W Depth: 24F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	62	334	EP		512	25.59	-.070							1.0
MORF	HN	62	334	ES		512	33.26	0.040							1.0
MORF	HN	62	334	IAML		512	34.82			7	0.2				
MESJ	HN	116	6	ES		512	45.80	0.030							1.0
MESJ	HN	116	6	IAML		512	48.36			2	0.2				

March 23 2021 Hour: 14: 8 53.6 Lat: 79.57N Lon: 3.67E Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb 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	4673	194	EP		1416	45.26	-.030							1.0
MESJ	BZ	4673	194	IAMB		1416	47.04			9	0.8				
MORF	BZ	4734	195	EP		1416	49.87	0.030							1.0
MORF	BZ	4734	195	IAMB		1416	50.60			17	1.0				

March 23 2021 Hour: 17:35 29.0 Lat: 36.78N Lon: 8.24W Depth: 18F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	69	328	EP		1735	40.19	-.000							1.0
MORF	HE	69	328	ES		1735	48.37	0.000							1.0
MORF	HN	69	328	IAML		1735	50.18			15	0.2				

March 24 2021 Hour: 5:42 46.7 Lat: 36.01N Lon: 4.54W Depth: 44F Agency: IGL Regional
Magnitudes: 1.3ML 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	385	303	EP		543	36.74	-.160							1.0
MESJ	HN	385	303	ES		544	13.75	0.160							1.0
MESJ	HE	385	303	IAML		544	15.58			0.80	0.2				

March 24 2021 Hour: 11:50 5.1 Lat: 36.47N Lon: 11.20W Depth: 25F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	245	67	EP		1150	38.99	0.220							1.0
MORF	HN	245	67	ES		1151	3.18	-.140							1.0
MORF	HE	245	67	IAML		1151	6.77			60	0.4				
MESJ	HZ	305	59	EP		1150	46.25	0.060							1.0
MESJ	HN	305	59	ES		1151	16.02	-.140							1.0

MESJ HN 305 59 IAML 1151 18.90 8 0.1

**March 24 2021 Hour: 14:3 43.2 Lat: 37.34N Lon: 8.50W Depth: 12F 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	14	254	EP		14	3	46.04							1.0
MORF	HN	14	254	ES		14	3	48.510							1.0
MORF	HN	14	254	IAML		14	3	49.01			40		0.2		
MESJ	HZ	61	24	EP		14	3	53.240							1.0

**March 24 2021 Hour: 14:30 13.0 Lat: 38.40N Lon: 8.03W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML 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	64	195	EP		1430	23	480.090							1.0
MESJ	HE	64	195	ES		1430	30	75-.220							1.0
MESJ	HN	64	195	IAML		1430	32	62			68		0.2		
MORF	HZ	133	204	EP		1430	34	650.130							1.0
MORF	HE	133	204	ES		1430	50	230.010							1.0
MORF	HN	133	204	IAML		1430	51	61			114		0.3		

**March 25 2021 Hour: 0:43 58.9 Lat: 43.18N Lon: 29.09W Depth: 10F Agency: IGL Distant
Magnitudes: 4.3Mb IGL Rms: 0.0 secs**

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	1851	104	EP		047	52	450.010							1.0
MORF	BZ	1851	104	IAMB		048	3	44			28		1.1		

**March 25 2021 Hour: 3:57 21.2 Lat: 26.10S Lon: 178.45E Depth: 591F Agency: IGL Distant
Rms: 0.0 secs**

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18579	24	EPKpdf			416	19	25-.040							1.0
MORF	BZ18612	27	EPKpdf			416	19	600.040							1.0

**March 25 2021 Hour: 4:37 28.1 Lat: 37.35N Lon: 8.47W Depth: 5F 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		437	30	78-.180							1.0
MORF	HE	17	253	ES		437	33	130.070							1.0
MORF	HN	17	253	IAML		437	33	88			29		0.2		
MESJ	HZ	59	22	EP		437	37	690.110							1.0

**March 25 2021 Hour: 14:25 51.7 Lat: 37.22N Lon: 7.28W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs**

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	108	310	EP		1426	9	110.030							1.0
MESJ	HE	108	310	ES		1426	21	790.010							1.0
MESJ	HN	108	310	IAML		1426	23	81			2		0.1		
MORF	HZ	122	275	EP		1426	11	27-.110							1.0
MORF	HN	122	275	ES		1426	25	830.070							1.0
MORF	HE	122	275	IAML		1426	29	05			11		0.1		

**March 25 2021 Hour: 21:58 48.3 Lat: 36.64N Lon: 11.30W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	247	72	EP		2159	21	010.010							1.0

March 26 2021 Hour: 1:20 1.0 Lat: 37.33N Lon: 8.76W Depth: 13F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	107	EP		120	3.49	-.200							1.0
MORF	HN	10	107	ES		120	5.840	.180							1.0
MORF	HN	10	107	IAML		120	6.09			49	0.2				
MESJ	HE	74	40	ES		120	21.590	.030							1.0
MESJ	HN	74	40	IAML		120	22.96			1	0.2				

March 26 2021 Hour: 1:38 14.4 Lat: 36.64N Lon: 9.71W Depth: 18F 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	120	52	EP		138	33.120	.140							1.0
MORF	HE	120	52	ES		138	46.34	-.220							1.0
MORF	HN	120	52	IAML		138	47.61			8	0.1				
MESJ	HZ	188	44	EP		138	41.490	.090							1.0

March 26 2021 Hour: 2:54 26.3 Lat: 36.28N Lon: 8.45W Depth: 4F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	351	EP		254	44.880	.010							1.0
MESJ	HE	174	7	ES		255	12.47	-.010							1.0
MESJ	HN	174	7	IAML		255	12.94			3	0.3				

March 26 2021 Hour: 4:51 37.9 Lat: 16.71N Lon: 60.80W Depth: 19F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

GUADELOUPE REGION, LEEWARD ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	5562	53	EP		5 0	30.720	.010							1.0
GGNV	BE	5562	53	ES		5 7	41.370	.170							1.0
GGNV	BZ	5562	53	IAMs_20		517	29.37			12566	23.4				
MORF	BZ	5577	55	EP		5 0	31.67	-.150							1.0
MORF	BE	5577	55	ES		5 7	43.20	-.020							1.0
MORF	BZ	5577	55	IAMs_20		517	49.92			4843	22.1				
MESJ	BZ	5624	55	EP		5 0	34.97	-.030							1.0
MESJ	BE	5624	55	ES		5 7	49.100	.020							1.0
MESJ	BZ	5624	55	IAMs_20		516	39.28			6788	18.4				

March 26 2021 Hour: 8: 8 23.6 Lat: 37.31N Lon: 8.56W Depth: 8F Agency: IGL Regional
Magnitudes: 0.4ML 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	8	266	EP		8 8	25.38	-.100							1.0
MORF	HN	8	266	ES		8 8	26.980	.100							1.0
MORF	HN	8	266	IAML		8 8	27.39			21	0.1				

March 26 2021 Hour: 20: 8 10.7 Lat: 37.84N Lon: 8.19W Depth: 6F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs

SW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	3	269	EP		20 8	11.71	-.050							1.0
MESJ	HN	3	269	ES		20 8	12.600	.050							1.0
MESJ	HN	3	269	IAML		20 8	13.36			44	0.3				

March 27 2021 Hour: 0: 8 52.1 Lat: 38.27N Lon: 9.77W Depth: 30F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
SW CASCAIS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	73	47	EP		0 9	4.080	.090							1.0
GGNV	HE	73	47	ES		0 9	12.950	.270							1.0
GGNV	HN	73	47	IAML		0 9	14.46			299	0.2				
MESJ	HZ	144	109	EP		0 9	12.860	.070							1.0
MESJ	HE	144	109	ES		0 9	27.86	-.060							1.0
MESJ	HN	144	109	IAML		0 9	29.36			49	0.2				
MORF	HZ	146	137	EP		0 9	12.71	-.280							1.0
MORF	HE	146	137	ES		0 9	28.15	-.110							1.0
MORF	HN	146	137	IAML		0 9	29.86			166	0.1				

March 27 2021 Hour: 1:15 2.2 Lat: 37.30N Lon: 8.59W Depth: 10F 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	6	275	EP		115	4.09	-.080							1.0
MORF	HE	6	275	ES		115	5.650	.080							1.0
MORF	HN	6	275	IAML		115	6.08			35	0.2				

March 27 2021 Hour: 4:47 48.8 Lat: 36.44N Lon: 9.10W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	104	22	EP		448	5.47	-.070							1.0
MORF	HE	104	22	ES		448	17.850	.070							1.0
MORF	HE	104	22	IAML		448	20.15			5	0.2				

March 27 2021 Hour: 12:38 5.9 Lat: 36.78N Lon: 7.94W Depth: 22F 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	86	313	EP		1238	19.65	-.070							1.0
MESJ	HZ	120	348	EP		1238	24.240	.010							1.0
MESJ	HN	120	348	ES		1238	37.650	.060							1.0
MESJ	HN	120	348	IAML		1238	39.04			12	0.1				

March 27 2021 Hour: 13:47 55.9 Lat: 42.44N Lon: 16.07E Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs
ADRIATIC SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2124	264	EP		1352	18.810	.020							1.0
MESJ	BE	2124	264	ES		1355	54.780	.070							1.0
MESJ	BN	2124	264	IAMs_20		1359	40.85			5862	14.2				
GGNV	BZ	2166	267	EP		1352	22.87	-.080							1.0
GGNV	BE	2166	267	ES		1356	3.910	.010							1.0
GGNV	BN	2166	267	IAMs_20		14 1	22.11			11917	10.6				
MORF	BZ	2182	263	EP		1352	24.50	-.030							1.0
MORF	BE	2182	263	ES		1356	6.980	.010							1.0
MORF	BN	2182	263	IAMs_20		14 0	1.00			6089	13.6				

March 27 2021 Hour: 13:59 29.8 Lat: 36.60N Lon: 9.83W Depth: 13F 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	131	53	EP		1359	50.17	-.070							1.0
MORF	HE	131	53	ES		14 0	5.190	.040							1.0
MORF	HE	131	53	IAML		14 0	7.73			10	0.3				
MESJ	HZ	198	46	EP		1359	58.630	.030							1.0

March 27 2021 Hour: 17:41 29.9 Lat: 37.23N Lon: 8.62W Depth: 21F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	341	EP		1741	33.56	-.000							1.0
MORF	HE	9	341	ES		1741	36.230	.000							1.0
MORF	HE	9	341	IAML		1741	37.17			4	0.2				

March 28 2021 Hour: 3:24 31.7 Lat: 36.42N Lon: 7.83W Depth: 20F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	161	348	EP		324	55.440	.120							1.0
MESJ	HN	161	348	ES		325	12.41	-.120							1.0
MESJ	HN	161	348	IAML		325	13.44			7	0.5				

March 28 2021 Hour: 7: 1 35.6 Lat: 37.22N Lon: 3.78W Depth: 0 Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	399	281	EP		7	2	30.60	-.000						1.0

March 28 2021 Hour: 7:25 58.3 Lat: 37.36N Lon: 8.57W Depth: 14F Agency: IGL Regional
Magnitudes: 1.0ML 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	10	230	EP		726	1.050	.010							1.0
MORF	HE	10	230	ES		726	3.07	-.010							1.0
MORF	HE	10	230	IAML		726	3.23			50	0.2				

March 28 2021 Hour: 23: 1 44.8 Lat: 43.64N Lon: 28.78W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs
NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	1730	102	EP		23	5	24.380	.080						1.0
GGNV	BE	1730	102	IAMs_20		23	9	21.06		28814	19.4				
MORF	BZ	1840	106	EP		23	5	36.99	-.040						1.0
MORF	BZ	1840	106	IAMs_20		23	9	52.60		27666	26.3				
MESJ	BZ	1846	103	EP		23	5	37.65	-.040						1.0
MESJ	BZ	1846	103	IAMs_20		2310	9.02			25553	26.8				

March 29 2021 Hour: 9:55 9.7 Lat: 36.28N Lon: 7.88W Depth: 24F 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	176	350	EP		955	34.59	-.120							1.0
MESJ	HN	176	350	ES		955	53.100	.120							1.0
MESJ	HN	176	350	IAML		955	53.79			2	0.1				

March 29 2021 Hour: 12:10 53.0 Lat: 36.30N Lon: 7.93W Depth: 19F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	330	EP		1211	12.41	-.200							1.0
MESJ	HZ	173	352	EP		1211	18.230	.190							1.0
MESJ	HN	173	352	ES		1211	36.380	.020							1.0
MESJ	HN	173	352	IAML		1211	37.70			3	0.1				

March 29 2021 Hour: 17:15 29.2 Lat: 36.72N Lon: 9.65W Depth: 16F 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	110	54	EP		1715	46.52	-.030							1.0
MORF	HN	110	54	ES		1715	59.420	.200							1.0
MORF	HN	110	54	IAML		1716	0.69			3	0.1				
MESJ	HZ	178	45	EP		1715	54.94	-.180							1.0

March 29 2021 Hour: 17:27 23.6 Lat: 34.35N Lon: 87.72E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.0 secs
WESTERN XIZANG Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8231	305	EP		1738	59.700	.010							1.0
MESJ	BZ	8231	305	IAMS_20		1812	4.41			2534	23.0				

March 29 2021 Hour: 23:34 27.7 Lat: 38.50N Lon: 8.15W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs
SE MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	74	185	EP		2334	39.820	.310							1.0
MESJ	HE	74	185	ES		2334	48.08	-.070							1.0
MESJ	HN	74	185	IAML		2334	50.05			5	0.1				
MORF	HZ	140	199	EP		2334	48.87	-.280							1.0
MORF	HE	140	199	ES		2335	4.840	.020							1.0
MORF	HN	140	199	IAML		2335	7.20			5	0.3				

March 30 2021 Hour: 0:6 10.2 Lat: 72.27N Lon: 133.16W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs
BEAUFORT SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7073	46	EP		016	41.580	.030							1.0
MESJ	BZ	7073	46	IAMB		016	42.55			58	1.5				
MORF	BZ	7119	47	EP		016	44.33	-.030							1.0
MORF	BZ	7119	47	IAMB		016	44.76			57	1.1				

March 30 2021 Hour: 8:24 43.3 Lat: 37.10N Lon: 8.74W Depth: 0 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
W LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	24	19	EP		824	46.96	-.180							1.0
MORF	HE	24	19	ES		824	50.020	.060							1.0
MORF	HN	24	19	IAML		824	50.13			67	0.1				
MESJ	HZ	94	29	EP		824	58.570	.120							1.0

March 30 2021 Hour: 23:35 1.0 Lat: 36.66N Lon: 9.78W Depth: 6F 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
MESJ	HZ	191	46	EP		2335	29.51	-.020							1.0
MESJ	HN	191	46	ES		2335	50.370	.020							1.0
MESJ	HE	191	46	IAML		2335	51.80			2	0.1				

March 31 2021 Hour: 11:30 53.0 Lat: 37.91N Lon: 7.27W Depth: 2F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
E SERPA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	84	265	EP		1131	6.570	.030							1.0
MESJ	HE	84	265	ES		1131	16.40	-.030							1.0
MESJ	HN	84	265	IAML		1131	19.20			12	0.1				

April 1 2021 Hour: 9:56 38.3 Lat: 29.95S Lon: 177.65W Depth: 20F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18586		44	EPKPdf		1016	42.270	.200							0.9
GGNV	BZ18586		44	EPP		1021	34.64	-.200							0.9
GGNV	BE18586		44	ESS		1042	19.82	-.010							1.0
GGNV	BZ18586		44	IAMs_20		1129	46.26		19716	42.7					
MESJ	BZ18710		45	EPKPdf		1016	42.90	-.010							1.0
MESJ	BZ18710		45	EPP		1021	40.670	.080							1.0
MESJ	BE18710		45	ESS		1042	31.02	-.090							1.0
MESJ	BZ18710		45	IAMs_20		1128	47.02		8827	20.3					
MORF	BZ18716		48	EPKPdf		1016	43.000	.000							1.0
MORF	BZ18716		48	EPP		1021	40.87	-.010							1.0
MORF	BE18716		48	ESS		1042	31.730	.050							1.0
MORF	BZ18716		48	IAMs_20		1135	6.19		10438	19.9					

April 1 2021 Hour: 14:33 35.1 Lat: 36.54N Lon: 7.24E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1379	281	EP		1436	31.710	.010							1.0

April 1 2021 Hour: 15:11 18.3 Lat: 21.87S Lon: 179.34W Depth: 598F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18063		24	EPKPdf		1530	11.760	.090							1.0
MESJ	BZ18063		24	EPKPab		1531	3.69	-.100							1.0
MORF	BZ18096		26	EPKPdf		1530	12.130	.110							1.0
MORF	BZ18096		26	EPKPab		1531	5.09	-.090							1.0

April 2 2021 Hour: 2:20 33.6 Lat: 36.63N Lon: 7.25W Depth: 19F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	146	301	EP		220	55.31	-.070							1.0
MORF	HN	146	301	ES		221	11.18	-.080							1.0
MORF	HN	146	301	IAML		221	12.33		76	0.1					
MESJ	HZ	159	328	EP		220	57.01	-.060							1.0
MESJ	HN	159	328	ES		221	14.390	.210							1.0
MESJ	HN	159	328	IAML		221	16.78		60	0.3					

April 3 2021 Hour: 1:16 41.3 Lat: 57.99S Lon: 7.81W Depth: 10F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.1 secs

EAST OF SOUTH SANDWICH ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10542		359	EP		130	2.40	-.180							1.0
MORF	BN10542		359	ESKSac		140	39.260	.060							1.0
MORF	BE10542		359	ESS		147	44.510	.150							1.0
MORF	BE10542		359	IAMs_20		157	56.86		56406	49.8					
MESJ	BZ10602		360	EP		130	4.85	-.080							1.0
MESJ	BN10602		360	ESKSac		140	41.78	-.180							1.0
MESJ	BN10602		360	ESS		147	51.980	.140							1.0
MESJ	BZ10602		360	IAMs_20		2 7	43.61		18129	26.0					
GGNV	BZ10699		359	EP		130	8.83	-.030							1.0
GGNV	BE10699		359	ESS		148	4.410	.120							1.0
GGNV	BN10699		359	IAMs_20		2 4	56.23		22528	19.7					

April 3 2021 Hour: 12:54 53.1 Lat: 36.35N Lon: 9.24W 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	118	26	EP		1255	11.64	-.100							1.0
MORF	HN	118	26	ES		1255	25.470	.110							1.0
MORF	HN	118	26	IAML		1255	28.44			8	0.3				
MESJ	HE	189	28	ES		1255	41.09	-.010							1.0
MESJ	HN	189	28	IAML		1255	44.31			0.60	0.1				

April 3 2021 Hour: 18:42 1.9 Lat: 5.11S Lon: 128.11E Depth: 329F Agency: IGL Distant
Rms: 0.1 secs

BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14320	316	EP	KPdf		19 0	29.85	-.010							1.0
MESJ	BZ14320	316	EPP			19 2	40.36	-.170							0.9
GGNV	BZ14344	317	EPP			19 2	42.060	.170							0.9
MORF	BZ14382	315	EP	KPdf		19 0	30.90	-.060							1.0
MORF	BZ14382	315	EPP			19 2	44.260	.070							1.0

April 3 2021 Hour: 19:24 26.6 Lat: 38.73N Lon: 7.90W Depth: 9F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

E ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	103	196	EP		1924	42.980	.000							1.0
MESJ	HN	103	196	ES		1924	54.95	-.000							1.0
MESJ	HN	103	196	IAML		1924	56.01			3	0.3				

April 4 2021 Hour: 1:23 0.5 Lat: 40.16N Lon: 7.75W Depth: 2F Agency: IGL Regional
Rms: 0.1 secs

W FUNDAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	261	189	EP		123	38.290	.130							1.0
MORF	HZ	327	194	EP		123	46.23	-.130							1.0

April 4 2021 Hour: 1:41 3.5 Lat: 19.77S Lon: 14.61E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.1 secs

NAMIBIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	6772	339	EP		151	16.18	-.180							1.0
MORF	BZ	6772	339	IAMB		151	17.89			136	1.4				
MESJ	BZ	6809	339	EP		151	18.640	.030							1.0
MESJ	BZ	6809	339	IAMB		151	19.83			117	1.4				
MESJ	BE	6809	339	ES		159	39.270	.020							1.0
GGNV	BZ	6932	339	EP		151	26.130	.120							1.0
GGNV	BZ	6932	339	IAMB		151	28.00			101	1.0				

April 4 2021 Hour: 2:57 38.5 Lat: 36.59N Lon: 9.82W Depth: 12F 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	131	52	EP		257	58.78	-.180							1.0
MORF	HN	131	52	ES		258	14.080	.150							1.0
MORF	HN	131	52	IAML		258	15.32			4	0.1				
MESJ	HZ	198	45	EP		258	7.440	.100							1.0
MESJ	HE	198	45	ES		258	28.35	-.080							1.0
MESJ	HE	198	45	IAML		258	30.13			0.70	0.1				

April 4 2021 Hour: 5:30 20.0 Lat: 38.72N Lon: 7.90W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
E ARRAIOLOS, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 102 196 EPg 530 36.50-.030 1.0
 MESJ HN 102 196 ES 530 47.970.030 1.0
 MESJ HE 102 196 IAML 530 49.00 12 0.2

April 4 2021 Hour: 8:34 43.4 Lat: 38.84N Lon: 8.06W Depth: 20F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
NW ARRAIOLOS, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 112 187 EPg 835 1.240.130 1.0
 MESJ HN 112 187 ES 835 13.46-.130 1.0
 MESJ HN 112 187 IAML 835 15.16 4 0.1

April 4 2021 Hour: 11:19 26.7 Lat: 37.10N Lon: 7.96W Depth: 18F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
SE LOULE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 66 290 EP 1119 37.33-.050 1.0
 MORF HE 66 290 ES 1119 45.240.040 1.0
 MORF HN 66 290 IAML 1119 46.99 6 0.2
 MESJ HZ 85 344 EP 1119 40.410.090 1.0
 MESJ HN 85 344 ES 1119 50.20-.080 1.0
 MESJ HN 85 344 IAML 1119 51.64 2 0.2

April 5 2021 Hour: 1: 9 38.2 Lat: 36.77N Lon: 13.75W Depth: 25F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 457 81 EP 110 35.08-.060 1.0
 MORF HN 457 81 ES 111 16.66-.070 1.0
 MORF HE 457 81 IAML 111 18.93 2 0.1
 MESJ HZ 504 75 EP 110 40.900.030 1.0
 MESJ HN 504 75 ES 111 26.730.100 1.0
 MESJ HE 504 75 IAML 111 28.07 1.00 0.3

April 5 2021 Hour: 5:16 7.1 Lat: 37.34N Lon: 8.55W Depth: 10F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 10 247 EP 516 9.36-.100 1.0
 MORF HN 10 247 ES 516 11.270.100 1.0
 MORF HN 10 247 IAML 516 11.63 13 0.2

April 5 2021 Hour: 6:16 7.3 Lat: 36.55N Lon: 7.58W Depth: 19F Agency: IGL Regional
Magnitudes: 0.3ML 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 127 312 EP 616 26.75-.010 1.0

April 5 2021 Hour: 7:37 51.0 Lat: 37.52S Lon: 179.67E Depth: 10F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs
OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ19228 78 EPKp \bar{d} f 758 0.020.130 1.0
 GGNV BZ19228 78 EPP 8 3 18.46-.020 1.0
 GGNV BZ19228 78 IAMs $\bar{2}$ 0 915 16.06 8134 24.6
 MORF BZ19276 89 EPKp \bar{d} f 758 0.09-.060 1.0
 MORF BZ19276 89 EPP 8 3 20.64-.010 1.0
 MORF BZ19276 89 IAMs $\bar{2}$ 0 916 45.69 4936 24.5
 MESJ BZ19316 85 EPKp \bar{d} f 758 0.22-.010 1.0

MESJ BZ19316 85 EPP 8 3 22.35-.020 1.0
 MESJ BZ19316 85 IAMS_20 910 9.94 5975 32.0

**April 5 2021 Hour: 15:26 55.4 Lat: 36.76N Lon: 9.67W Depth: 21F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	56	EP		1527	12.400	.030							1.0
MORF	HE	109	56	ES		1527	24.830	.050							1.0
MORF	HN	109	56	IAML		1527	26.56		11	0.1					
MESJ	HZ	176	47	EP		1527	20.55	-.100							1.0
MESJ	HN	176	47	ES		1527	39.120	.020							1.0
MESJ	HN	176	47	IAML		1527	40.43		2	0.2					

**April 5 2021 Hour: 18:53 9.3 Lat: 36.85N Lon: 7.36W Depth: 24F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	294	EP		1853	28.04	-.070							1.0
MORF	HN	126	294	ES		1853	41.81	-.050							1.0
MORF	HN	126	294	IAML		1853	43.98		3	0.2					
MESJ	HZ	134	326	EP		1853	29.210	.120							1.0

**April 5 2021 Hour: 21:0 56.8 Lat: 37.30N Lon: 8.62W Depth: 12F Agency: IGL Regional
 Magnitudes: 0.8ML 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	3	279	EP		21 0	58.900	.050							1.0
MORF	HN	3	279	ES		21 1	0.29	-.080							1.0
MORF	HN	3	279	IAML		21 1	0.78		141	0.1					
MESJ	HN	70	30	ES		21 1	16.210	.040							1.0
MESJ	HN	70	30	IAML		21 1	17.48		1	0.1					

**April 6 2021 Hour: 1:49 45.3 Lat: 36.94N Lon: 8.73W Depth: 14F Agency: IGL Regional
 Magnitudes: 0.2ML 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	41	10	EP		149	52.23	-.060							1.0
MORF	HN	41	10	ES		149	57.420	.060							1.0
MORF	HN	41	10	IAML		149	58.21		2	0.1					

**April 6 2021 Hour: 5:22 5.0 Lat: 18.41N Lon: 73.55W Depth: 10F Agency: IGL Distant
 Magnitudes: 4.8Mb IGL Rms: 0.0 secs**

HAITI REGION Net: NEI

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6636	56	EP		532	9.32	-.000							1.0
MESJ	BZ	6636	56	IAMB		532	10.54		7	0.9					

**April 6 2021 Hour: 6:51 14.7 Lat: 37.56N Lon: 8.45W Depth: 10F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs**

E ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	212	EP		651	20.32	-.070							1.0
MORF	HE	34	212	ES		651	24.50	-.030							1.0
MORF	HN	34	212	IAML		651	25.26		26	0.2					
MESJ	HZ	37	33	EP		651	20.85	-.060							1.0
MESJ	HE	37	33	ES		651	25.600	.160							1.0
MESJ	HN	37	33	IAML		651	25.96		13	0.2					

April 7 2021 Hour: 4:53 17.5 Lat: 37.45N Lon: 3.99W Depth: 25F 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	376	278	EP		454	7.32	-.080							1.0
MORF	HZ	414	269	EP		454	12.110	.080							1.0

April 7 2021 Hour: 9:53 28.9 Lat: 29.10S Lon: 176.67W Depth: 10F Agency: IGL Distant
Magnitudes: 6.5Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	18453	44	EPKp _{df}		1013	33.41	-.010							1.0
GGNV	BE	18453	44	IAMs_20		1137	0.71			6996	23.3				
MESJ	BZ	18577	45	EPKp _{df}		1013	34.25	-.090							1.0
MESJ	BZ	18577	45	EPP		1018	26.68	-.010							1.0
MESJ	BN	18577	45	ESS		1039	12.490	.030							1.0
MESJ	BZ	18577	45	IAMs_20		1137	16.49			6444	17.8				
MORF	BZ	18583	48	EPKp _{df}		1013	34.450	.010							1.0
MORF	BZ	18583	48	EPP		1018	27.070	.070							1.0
MORF	BZ	18583	48	IAMs_20		1143	31.99			4711	19.1				

April 7 2021 Hour: 20:51 0.8 Lat: 37.42N Lon: 7.70W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	316	EP		2051	11.21	-.220							1.0
MESJ	HE	65	316	ES		2051	19.18	-.020							1.0
MESJ	HN	65	316	IAML		2051	21.54			8	0.1				
MORF	HZ	85	262	EP		2051	14.590	.110							1.0
MORF	HE	85	262	ES		2051	24.610	.140							1.0
MORF	HE	85	262	IAML		2051	28.28			34	0.2				

April 7 2021 Hour: 22:42 56.2 Lat: 36.65N Lon: 11.17W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	236	71	EP		2243	27.550	.050							1.0
MORF	HE	236	71	ES		2243	50.26	-.100							1.0
MORF	HN	236	71	IAML		2243	52.42			12	0.1				
MESJ	HZ	293	62	EP		2243	34.680	.070							1.0
MESJ	HN	293	62	ES		2244	2.64	-.020							1.0
MESJ	HE	293	62	IAML		2244	9.11			3	0.1				

April 8 2021 Hour: 4:59 27.4 Lat: 36.44N Lon: 6.91W Depth: 31F 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	HE	183	302	ES		5 0	10.13	-.010							1.0
MORF	HN	183	302	IAML		5 0	14.07			4	0.1				
MESJ	HZ	194	324	EP		459	53.490	.010							1.0
MESJ	HN	194	324	ES		5 0	12.54	-.010							1.0
MESJ	HE	194	324	IAML		5 0	14.21			2	0.2				

April 8 2021 Hour: 17:10 18.6 Lat: 63.20N Lon: 148.65W Depth: 82F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.1 secs

CENTRAL ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8150	32	EpP		1722	3.25	-.010							1.0
MESJ	BZ	8267	32	EP		1721	47.550	.110							1.0
MESJ	BZ	8267	32	IAMB		1721	55.45			49	1.2				
MESJ	BZ	8267	32	EpP		1722	9.32	-.190							0.9
MORF	BZ	8312	32	EP		1721	49.940	.080							1.0
MORF	BZ	8312	32	IAMB		1721	58.77			124	0.9				

MORF BZ 8312 32 EpP 1722 11.92-.010 1.0

April 9 2021 Hour: 12: 9 40.5 Lat: 35.19N Lon: 11.58W Depth: 34F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	353	47	EP		1210	26.89	-.210							1.0
MORF	HN	353	47	ES		1211	1.250	.160							1.0
MORF	HN	353	47	IAML		1211	2.91			9	0.0				
MESJ	HN	421	45	ES		1211	15.430	.060							1.0
MESJ	HE	421	45	IAML		1211	17.20			1	0.1				

April 10 2021 Hour: 7: 0 17.7 Lat: 8.56S Lon: 112.52E Depth: 82F Agency: IGL Distant
Rms: 0.1 secs

JAVA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13288	309		EPKPdf		718	57.440	.080							1.0
MORF	BZ13339	308		EPKPdf		718	58.20	-.080							1.0

April 10 2021 Hour: 9:30 44.1 Lat: 4.11N Lon: 124.67E Depth:311FAgency: IGL Distant
Rms: 0.1 secs

CELEBES SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13314	318		EPKPdf		948	56.940	.040							1.0
MESJ	BZ13314	318		EPP		950	24.270	.090							1.0
MORF	BZ13379	318		EPKPdf		948	58.02	-.040							1.0
MORF	BZ13379	318		EPP		950	28.10	-.080							1.0

April 10 2021 Hour: 11:38 32.9 Lat: 3.45S Lon: 145.72E Depth: 10F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

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

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15372	330		EPP		12	0	46.19	-.160						1.0
GGNV	BZ15372	330		IAMs_20		13	2	54.44		9761	22.1				
MESJ	BZ15394	328		EPP		12	0	47.760	.170						1.0
MESJ	BZ15394	328		IAMs_20		13	2	33.74		6424	26.4				
MORF	BZ15464	328		EPP		12	0	51.52	-.020						1.0
MORF	BZ15464	328		IAMs_20		13	3	3.16		5034	16.0				

April 10 2021 Hour: 22:24 44.5 Lat: 36.89N Lon: 11.06W Depth: 28F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	219	77	EP		2225	14.870	.160							1.0
MORF	HN	219	77	ES		2225	36.63	-.100							1.0
MORF	HN	219	77	IAML		2225	39.21			35	0.1				
MESJ	HZ	273	66	EP		2225	21.430	.060							1.0
MESJ	HE	273	66	ES		2225	48.12	-.130							1.0
MESJ	HN	273	66	IAML		2225	50.02			10	0.3				

April 11 2021 Hour: 2: 4 30.1 Lat: 36.32N Lon: 8.23W Depth: 13F 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	116	341	EP		2	4	48.26	-.040						1.0
MORF	HE	116	341	ES		2	5	1.55	-.040						1.0
MORF	HE	116	341	IAML		2	5	2.67		4	0.3				
MESJ	HZ	169	0	EP		2	4	55.18	-.010						1.0
MESJ	HE	169	0	ES		2	5	13.610	.100						1.0
MESJ	HE	169	0	IAML		2	5	14.82		1	0.2				

April 11 2021 Hour: 2: 8 47.1 Lat: 38.04N Lon: 8.58W Depth: 3F Agency: IGL Regional
 Magnitudes: 0.5ML IGL Rms: 0.1 secs
 NE SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	125	EP		2	8	53.31							1.0
MESJ	HE	39	125	ES		2	8	57.88							1.0
MESJ	HE	39	125	IAML		2	8	58.98		5	0.3				
MORF	HZ	82	185	EP		2	9	0.460							1.0

April 11 2021 Hour: 4:40 45.5 Lat: 36.25N Lon: 10.58W Depth: 29F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs
 AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	208	55	EP		441	14.250	0.010							1.0
MORF	HE	208	55	ES		441	35.22	-0.010							1.0
MORF	HE	208	55	IAML		441	36.90			2	0.2				
MESJ	HZ	274	49	EP		441	22.33	-0.090							1.0
MESJ	HE	274	49	ES		441	49.490	0.100							1.0
MESJ	HE	274	49	IAML		441	50.45			0.60	0.1				

April 11 2021 Hour: 9:44 30.0 Lat: 37.33N Lon: 8.53W Depth: 12F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.2 secs
 NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	255	EP		944	32.52	-0.250							1.0
MORF	HN	11	255	ES		944	34.900	0.150							1.0
MORF	HN	11	255	IAML		944	35.34			37	0.2				
MESJ	HZ	63	26	EP		944	40.350	0.100							1.0

April 11 2021 Hour: 9:45 41.6 Lat: 39.76N Lon: 8.66W Depth: 14F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.1 secs
 E LEIRIA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	217	170	EP		946	12.710	0.100							1.0
MORF	HZ	273	180	EP		946	19.49	-0.110							1.0

April 12 2021 Hour: 0:11 39.4 Lat: 36.91N Lon: 7.34W Depth: 19F 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	125	291	EP		011	58.48	-0.040							1.0
MORF	HE	125	291	ES		012	12.45	-0.040							1.0
MORF	HE	125	291	IAML		012	15.14			8	0.1				
MESJ	HZ	129	323	EP		011	59.06	-0.010							1.0
MESJ	HN	129	323	ES		012	13.520	0.080							1.0
MESJ	HE	129	323	IAML		012	15.96			2	0.1				

April 12 2021 Hour: 7:49 16.4 Lat: 36.06N Lon: 7.72W Depth: 27F Agency: IGL Regional
 Magnitudes: 2.0ML IGL Rms: 0.1 secs
 STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	161	329	EP		749	39.39	-0.100							1.0
MORF	HN	161	329	ES		749	56.400	0.060							1.0
MORF	HN	161	329	IAML		750	1.78			28	0.1				
MESJ	HZ	202	347	EP		749	44.780	0.210							1.0
MESJ	HN	202	347	ES		750	4.96	-0.170							1.0
MESJ	HN	202	347	IAML		750	7.37			8	0.1				

April 13 2021 Hour: 4:33 20.8 Lat: 36.39N Lon: 6.67W Depth: 41F 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	204	300	EP		433	48.97	-.000							1.0
MORF	HN	204	300	ES		434	9.38	-.140							1.0
MORF	HN	204	300	IAML		434	10.92			5	0.2				
MESJ	HZ	212	320	EP		433	50.150	.230							1.0
MESJ	HN	212	320	ES		434	11.08	-.080							1.0
MESJ	HE	212	320	ES		434	11.09								
MESJ	HN	212	320	IAML		434	12.63			3	0.2				

April 13 2021 Hour: 13: 6 41.5 Lat: 36.95N Lon: 8.88W 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	44	27	EP		13 6	48.66	-.190							1.0
MORF	HN	44	27	ES		13 6	54.330	.100							1.0
MORF	HN	44	27	IAML		13 6	55.78			59	0.1				
MESJ	HZ	115	30	EPg		13 7	0.120	.050							1.0
MESJ	HN	115	30	ESg		13 7	13.700	.050							1.0
MESJ	HN	115	30	IAML		13 7	15.74			38	0.1				

April 13 2021 Hour: 17:47 4.5 Lat: 35.13N Lon: 5.80W Depth: 16F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	352	314	EP		1747	51.91	-.250							1.0
MORF	HN	352	314	ES		1748	26.89	-.040							1.0
MORF	HN	352	314	IAML		1748	29.80			11	0.2				
MESJ	HZ	370	325	EP		1747	54.650	.210							1.0
MESJ	HN	370	325	ES		1748	30.960	.090							1.0
MESJ	HN	370	325	IAML		1748	33.27			8	0.2				

April 13 2021 Hour: 20:28 3.9 Lat: 36.45N Lon: 27.17E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

DODECANESE ISLANDS-TURKEY BORDER REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3129	284	EP		2033	56.03	-.170							1.0
MESJ	BZ	3129	284	IAMB		2034	2.32			67	1.5				
MESJ	BE	3129	284	ES		2038	42.41	-.100							1.0
MORF	BZ	3176	283	EP		2034	0.180	.180							1.0
MORF	BZ	3176	283	IAMB		2034	7.03			221	2.4				
MORF	BE	3176	283	ES		2038	49.280	.060							1.0
GGNV	BE	3197	286	ES		2038	52.060	.030							1.0

April 14 2021 Hour: 1:49 23.5 Lat: 38.37N Lon: 7.88W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	66	207	EP		149	34.170	.020							1.0
MESJ	HN	66	207	ES		149	41.86	-.080							1.0
MESJ	HN	66	207	IAML		149	45.78			21	0.2				
MORF	HZ	136	210	EP		149	44.740	.060							1.0

April 14 2021 Hour: 3:48 20.2 Lat: 38.08N Lon: 2.17W Depth: 5F 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	532	269	EP		349	30.92	-.000							1.0

April 14 2021 Hour: 5:35 42.5 Lat: 36.76N Lon: 11.10W Depth: 31F Agency: IGL Regional
 Magnitudes: 2.1ML IGL Rms: 0.1 secs
 AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	226	74	EP		536	12.52	-.060							1.0
MORF	HN	226	74	ES		536	34.630	.060							1.0
MORF	HN	226	74	IAML		536	37.18			12	0.4				

April 14 2021 Hour: 12:52 20.5 Lat: 35.68N Lon: 8.97W Depth: 25F 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	182	9	EP		1252	46.33	-.040							1.0
MORF	HN	182	9	ES		1253	5.260	.030							1.0
MORF	HE	182	9	IAML		1253	7.78			6	0.2				
MESJ	HZ	249	15	EP		1252	54.590	.010							1.0

April 14 2021 Hour: 22:55 56.6 Lat: 36.84N Lon: 8.53W Depth: 10F 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	53	348	EP		2256	5.240	.020							1.0
MORF	HN	53	348	ES		2256	11.52	-.020							1.0
MORF	HN	53	348	IAML		2256	12.21			5	0.1				

April 15 2021 Hour: 0:57 14.0 Lat: 36.55N Lon: 7.91W Depth: 17F Agency: IGL Regional
 Magnitudes: 1.2ML IGL Rms: 0.2 secs
 STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	107	322	EP		057	30.69	-.200							1.0
MORF	HE	107	322	ES		057	43.230	.010							1.0
MORF	HN	107	322	IAML		057	44.22			5	0.2				
MESJ	HZ	146	349	EP		057	36.300	.390							1.0
MESJ	HE	146	349	ES		057	51.70	-.190							1.0
MESJ	HE	146	349	IAML		057	53.49			3	0.3				

April 15 2021 Hour: 1:10 32.9 Lat: 38.01N Lon: 8.86W Depth: 1F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.1 secs
 NE SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	59	108	EP		110	42.44	-.050							1.0
MESJ	HE	59	108	ES		110	49.42	-.060							1.0
MESJ	HN	59	108	IAML		110	50.92			3	0.2				
MORF	HZ	80	167	EP		110	45.83	-.060							1.0
MORF	HE	80	167	ES		110	55.540	.180							1.0
MORF	HN	80	167	IAML		110	56.81			6	0.2				

April 15 2021 Hour: 2:10 43.9 Lat: 37.22N Lon: 8.68W Depth: 1F Agency: IGL Regional
 Magnitudes: 0.4ML IGL 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	10	15	EP		210	45.38	-.100							1.0
MORF	HE	10	15	ES		210	46.660	.030							1.0
MORF	HN	10	15	IAML		210	47.07			17	0.1				
MESJ	HZ	80	30	EP		210	56.74	-.040							1.0
MESJ	HN	80	30	ES		211	6.300	.110							1.0
MESJ	HN	80	30	IAML		211	8.11			2	0.1				

April 15 2021 Hour: 3:38 19.4 Lat: 36.64N Lon: 7.15W Depth: 16F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	153	299	ES		338	58.91	-.110							1.0
MORF	HN	153	299	IAML		338	59.94			3	0.1				
MESJ	HZ	164	325	EP		338	43.670	.060							1.0
MESJ	HE	164	325	ES		339	1.310	.040							1.0
MESJ	HN	164	325	IAML		339	3.44			1	0.1				

April 15 2021 Hour: 4:45 23.2 Lat: 39.64N Lon: 12.16W Depth: 25F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	280	111	ES		446	23.92	-.040							1.0
GGNV	HN	280	111	IAML		446	28.17			54	0.2				
MESJ	HZ	397	119	EP		446	12.57	-.120							0.9
MESJ	HE	397	119	ES		446	49.120	.330							0.9
MESJ	HN	397	119	IAML		446	53.69			9	0.2				
MORF	HZ	401	129	EP		446	12.82	-.470							0.9
MORF	HE	401	129	ES		446	50.130	.300							0.9
MORF	HN	401	129	IAML		446	52.81			15	0.2				

April 15 2021 Hour: 23:1 10.7 Lat: 36.51N Lon: 9.74W Depth: 9F 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	HN	131	47	ES		23	1	46.670	.120						1.0
MORF	HN	131	47	IAML		23	1	48.85			7	0.3			
MESJ	HZ	200	42	EP		23	1	39.95	-.150						1.0
MESJ	HN	200	42	ES		23	2	1.580	.030						1.0
MESJ	HN	200	42	IAML		23	2	2.98		0.80	0.3				

April 16 2021 Hour: 15:51 19.5 Lat: 37.29N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs

S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	281	EP		1551	21.64	-.270							1.0
MORF	HE	8	281	ES		1551	23.870	.180							1.0
MORF	HN	8	281	IAML		1551	24.24			21	0.1				
MESJ	HZ	68	26	EP		1551	30.590	.130							1.0
MESJ	HE	68	26	ES		1551	38.43	-.040							1.0
MESJ	HN	68	26	IAML		1551	41.03			2	0.2				

April 16 2021 Hour: 16:40 30.1 Lat: 21.72S Lon: 179.37W Depth: 579F Agency: IGL Distant
Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18049		23	EPK	Pab	17	0	16.77	-.010						1.0

April 17 2021 Hour: 9:41 13.0 Lat: 35.53N Lon: 3.62W Depth: 1 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	484	303	EP		942	18.350	.150							1.0
MESJ	HN	484	303	ES		943	5.80	-.040							1.0
MESJ	HN	484	303	IAML		943	12.10			12	0.3				
MORF	HZ	492	295	EP		942	19.13	-.080							1.0
MORF	HE	492	295	ES		943	7.54	-.030							1.0
MORF	HN	492	295	IAML		943	13.00			20	0.2				

April 17 2021 Hour: 9:51 30.8 Lat: 35.39N Lon: 3.68W Depth: 1 Agency: IGL Regional
Magnitudes: 3.2ML 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	305	EP		952	36.710	.080							1.0
MESJ	HN	489	305	ES		953	24.66	-.020							1.0
MESJ	HN	489	305	IAML		953	28.09			43	0.4				
MORF	HZ	494	297	EP		952	37.30	-.060							1.0

April 17 2021 Hour: 10:24 41.5 Lat: 36.80N Lon: 7.88W Depth: 24F 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	89	309	EP		1024	55.560	.020							1.0
MORF	HE	89	309	ES		1025	5.82	-.010							1.0
MORF	HN	89	309	IAML		1025	6.95			12	0.1				
MESJ	HZ	119	345	EP		1024	59.42	-.060							1.0
MESJ	HN	119	345	ES		1025	12.680	.050							1.0
MESJ	HE	119	345	IAML		1025	13.53			2	0.1				

April 17 2021 Hour: 15:42 41.7 Lat: 39.57N Lon: 8.57W Depth: 9F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.2 secs

SE VILA NOVA DE OUREM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	107	208	EP		1542	58.820	.070							1.0
GGNV	HE	107	208	ESg		1543	11.770	.080							1.0
GGNV	HN	107	208	IAML		1543	14.13			476	0.2				
MESJ	HZ	194	171	EP		1543	10.520	.140							1.0
MORF	HZ	252	182	EP		1543	17.20	-.310							0.9

April 17 2021 Hour: 22:11 46.1 Lat: 35.61N Lon: 3.56W 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	302	EP		2212	51.45	-.010							1.0
MORF	HZ	494	294	EP		2212	52.660	.010							1.0

April 17 2021 Hour: 22:58 48.3 Lat: 35.41N Lon: 3.67W Depth: 11F 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	488	305	EP		2259	53.060	.030							1.0
MESJ	HE	488	305	ES		23	0	40.390	.100						1.0
MESJ	HN	488	305	IAML		23	0	44.26			4	0.3			
MORF	HZ	494	297	EP		2259	53.69	-.110							1.0
MORF	HE	494	297	ES		23	0	41.59	-.020						1.0
MORF	HN	494	297	IAML		23	0	46.60			5	0.4			

April 18 2021 Hour: 0:29 12.9 Lat: 38.36N Lon: 141.91E Depth: 52F 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	BZ11044	336	EPP			046	52.690	.010							1.0
MESJ	BZ11044	336	IAMs_20			129	13.30			3058	29.0				
MORF	BZ11114	337	EPP			046	57.49	-.010							1.0
MORF	BZ11114	337	IAMs_20			128	55.14			2813	30.7				

April 18 2021 Hour: 2: 5 6.9 Lat: 35.44N Lon: 3.63W 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 489 304 EP 2 6 12.290.150 1.0
 MESJ HE 489 304 ES 2 6 59.71-.040 1.0
 MESJ HN 489 304 IAML 2 7 6.08 10 0.3
 MORF HZ 496 296 EP 2 6 12.86-.110 1.0

April 18 2021 Hour: 2:23 60.0 Lat: 35.52N Lon: 3.66W 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 482 304 EP 225 5.280.140 1.0
 MORF HZ 490 295 EP 225 5.95-.150 1.0

April 18 2021 Hour: 2:24 32.9 Lat: 35.27N Lon: 3.68W Depth: 28F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 496 306 EP 225 37.330.090 1.0
 MESJ HN 496 306 ES 226 24.09-.090 1.0
 MESJ HN 496 306 IAML 226 27.98 3 0.5

April 18 2021 Hour: 2:51 35.0 Lat: 36.37N Lon: 7.37W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 154 313 EP 251 56.90-.160 1.0
 MORF HE 154 313 ES 252 13.160.020 1.0
 MORF HE 154 313 IAML 252 14.28 7 0.2
 MESJ HZ 180 335 EP 252 0.330.150 1.0

April 18 2021 Hour: 3:17 6.0 Lat: 35.43N Lon: 3.64W Depth: 6F 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 489 304 EP 318 11.480.070 1.0
 MESJ HN 489 304 ES 318 59.160.030 1.0
 MESJ HN 489 304 IAML 319 9.69 16 0.4
 MORF HZ 495 296 EP 318 12.320.090 1.0
 MORF HE 495 296 ES 319 0.37-.180 1.0
 MORF HE 495 296 IAML 319 8.14 28 0.2

April 18 2021 Hour: 3:23 21.7 Lat: 35.49N Lon: 3.69W 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 482 304 EP 324 26.790.010 1.0

April 18 2021 Hour: 6:41 50.1 Lat: 29.79N Lon: 50.68E Depth: 12F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs
SOUTHERN IRAN Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 5438 296 EP 650 35.850.080 1.0
 MESJ BN 5438 296 ES 657 40.09-.040 1.0
 MESJ BZ 5438 296 IAMs_20 715 22.96 3920 11.7
 MORF BZ 5486 295 EP 650 39.03-.060 1.0
 MORF BN 5486 295 ES 657 46.12-.090 1.0
 MORF BZ 5486 295 IAMs_20 717 46.24 5013 17.7
 GGNV BZ 5504 297 EP 650 40.240.000 1.0
 GGNV BN 5504 297 ES 657 48.440.110 1.0
 GGNV BZ 5504 297 IAMs_20 718 55.55 4184 15.3

April 18 2021 Hour: 9:48 12.7 Lat: 35.56N 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	480	303	EP		949	17.680	.050							1.0
MORF	HZ	488	295	EP		949	18.59-	.050							1.0

April 18 2021 Hour: 13:24 33.0 Lat: 22.52N Lon: 94.19E Depth: 28F Agency: IGL Distant
Magnitudes: 5.5Mb 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	9534	309	EP		1337	9.480	.040							1.0
MESJ	BZ	9534	309	IAmb		1337	11.34			36	1.0				
MORF	BZ	9594	309	EP		1337	12.13-	.040							1.0
MORF	BZ	9594	309	IAmb		1337	13.61			37	1.3				

April 18 2021 Hour: 14:14 36.4 Lat: 23.87N Lon: 121.53E Depth: 10F Agency: IGL Distant
Rms: 0.1 secs

TAIWAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11403	323	EPP			1432	45.510	.110							1.0
MESJ	BZ11412	321	EPdif			1428	32.92-	.050							1.0
MESJ	BZ11412	321	EPP			1432	45.95-	.130							1.0
MORF	BZ11481	321	EPdif			1428	35.790	.030							1.0
MORF	BZ11481	321	EPP			1432	50.810	.040							1.0

April 18 2021 Hour: 19:16 26.5 Lat: 37.36N Lon: 8.32W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML 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	30	258	EP		1916	31.84-	.340							1.0
MORF	HN	30	258	ES		1916	36.400	.090							1.0
MORF	HN	30	258	IAML		1916	37.21			218	0.2				
MESJ	HZ	54	9	EP		1916	35.690	.170							1.0
MESJ	HE	54	9	ES		1916	42.160	.070							1.0
MESJ	HN	54	9	IAML		1916	43.23			48	0.1				

April 19 2021 Hour: 0:27 32.4 Lat: 17.76S Lon: 70.55W Depth: 28F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8894	46	EP		039	38.94-	.030							1.0
MORF	BZ	8894	46	IAmb		039	39.84			21	0.7				
MESJ	BZ	8958	45	EP		039	42.010	.030							1.0
MESJ	BZ	8958	45	IAmb		039	43.16			13	0.8				

April 19 2021 Hour: 1:33 3.5 Lat: 35.46N Lon: 3.65W Depth: 5F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		134	8.700	.000							1.0
MORF	HZ	493	296	EP		134	9.55-	.010							1.0
MORF	HE	493	296	ES		134	57.780	.010							1.0
MORF	HN	493	296	IAML		134	59.87			3	0.3				

April 19 2021 Hour: 6:56 23.6 Lat: 35.74N Lon: 4.66W Depth: 81F 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	394	307	EP		657	14.690	.110							1.0
MORF	HZ	397	297	EP		657	14.91-	.110							1.0

April 19 2021 Hour: 15:58 43.7 Lat: 36.65N Lon: 9.77W Depth: 13F Agency: IGL Regional
 Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Nert: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	123	54	ES		1559	17.360	.160							1.0
MORF	HN	123	54	IAML		1559	18.04			5	0.1				
MESJ	HZ	191	46	EP		1559	11.39	-.150							1.0
MESJ	HE	191	46	ES		1559	31.83	-.020							1.0
MESJ	HE	191	46	IAML		1559	32.59			1	0.2				

April 19 2021 Hour: 22:15 46.4 Lat: 35.39N Lon: 3.59W Depth: 27F 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	495	305	EP		2216	50.700	.090							1.0
MORF	HZ	502	296	EP		2216	51.31	-.090							1.0

April 19 2021 Hour: 22:21 34.3 Lat: 36.77N Lon: 7.88W Depth: 26F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	91	311	ES		2221	59.23	0.04							1.0
MORF	HN	91	311	IAML		2221	59.97			9	0.1				
MESJ	HZ	122	346	EP		2221	52.54	-0.05							1.0
MESJ	HN	122	346	ES		2222	5.95	0.01							1.0
MESJ	HN	122	346	IAML		2222	8.24			6	0.1				

April 19 2021 Hour: 23:58 22.3 Lat: 0.18N Lon: 96.56E Depth: 9F Agency: IGL Distant
 Magnitudes: 5.5Ms IGL Rms: 0.1 secs

NIAS REGION, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11304	309	EPP			2416	24.380	.050							1.0
MESJ	BZ11304	309	IAMs_20			2458	8.96			1516	24.9				
MORF	BZ11351	308	EPP			2416	27.680	.090							1.0
MORF	BE11351	308	IAMs_20			25	5	35.70		2546	31.7				
GGNV	BZ11367	310	EPP			2416	28.48	-.140							1.0

April 20 2021 Hour: 5:57 11.7 Lat: 39.38N Lon: 16.07W Depth: 10F Agency: IGL Regional
 Magnitudes: 3.2ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	688	107	EP		558	36.65	-.300							1.0
MORF	HE	688	107	ES		559	39.310	.150							1.0
MORF	HN	688	107	IAML		559	44.01			35	0.1				
MESJ	HZ	705	102	EP		558	39.050	.100							1.0
MESJ	HN	705	102	ES		559	42.670	.050							1.0
MESJ	HN	705	102	IAML		559	48.63			20	0.1				

April 20 2021 Hour: 8:37 53.2 Lat: 35.93N Lon: 4.77W Depth: 13F 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	373	306	EP		838	43.880	.160							1.0
MESJ	HN	373	306	ES		839	20.58	-.030							1.0
MESJ	HE	373	306	IAML		839	21.95			0.70	0.1				
MORF	HZ	379	295	EP		838	44.35	-.130							1.0

April 20 2021 Hour: 21:39 24.9 Lat: 35.47N Lon: 3.61W 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	489	304	EP		2140	30.55	-.010							1.0

April 20 2021 Hour: 23:30 52.7 Lat: 35.46N Lon: 3.61W Depth: 11F 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
MESJ	HZ	490	304	EP		2331	57.700	.080							1.0
MORF	HZ	497	296	EP		2331	58.42	-.080							1.0

April 21 2021 Hour: 0:55 39.1 Lat: 35.49N 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	485	304	EP		056	44.780	.080							1.0
MORF	HZ	493	296	EP		056	45.53	-.080							1.0

April 21 2021 Hour: 1:26 14.7 Lat: 35.93N Lon: 8.74W Depth: 31F 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	153	3	EP		126	35.58	-.180							1.0
MORF	HN	153	3	ES		126	51.210	.110							1.0
MORF	HN	153	3	IAML		126	52.21			3	0.1				
MESJ	HZ	217	12	EP		126	43.68	-.020							1.0
MESJ	HN	217	12	ES		127	4.940	.100							1.0
MESJ	HN	217	12	IAML		127	6.60			2	0.2				

April 21 2021 Hour: 4:59 1.1 Lat: 36.66N Lon: 9.67W Depth: 19F 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	115	51	EP		459	19.150	.060							1.0
MORF	HN	115	51	ES		459	32.13	-.100							1.0
MORF	HN	115	51	IAML		459	33.16			10	0.1				
MESJ	HZ	184	44	EP		459	27.570	.040							1.0

April 21 2021 Hour: 7: 8 18.1 Lat: 37.33N Lon: 8.53W Depth: 9F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	255	EP		7 8	20.38	-.090							1.0
MORF	HN	11	255	ES		7 8	22.300	.090							1.0
MORF	HN	11	255	IAML		7 8	22.82			57	0.1				

April 21 2021 Hour: 15:28 40.0 Lat: 35.46N Lon: 3.70W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	304	EP		1529	45.13	-.090							1.0
MESJ	HE	483	304	ES		1530	33.040	.190							1.0
MESJ	HE	483	304	IAML		1530	34.85			4	0.3				
MORF	HZ	489	296	EP		1529	45.89	-.160							1.0
MORF	HE	489	296	ES		1530	34.340	.060							1.0
MORF	HN	489	296	IAML		1530	36.55			6	0.3				

April 21 2021 Hour: 22:30 42.2 Lat: 35.46N Lon: 3.67W 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 485 304 EP 2231 47.63-.010 1.0

April 21 2021 Hour: 22:36 1.3 Lat: 35.45N 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 484 305 EP 2237 6.70-.000 1.0

April 21 2021 Hour: 23:28 50.6 Lat: 35.55N Lon: 3.68W 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 479 303 EP 2329 55.360.040 1.0
 MORF HZ 486 295 EP 2329 56.27-.040 1.0

April 22 2021 Hour: 5:18 27.5 Lat: 35.47N Lon: 3.68W 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 519 32.85-.010 1.0

April 22 2021 Hour: 7:14 5.9 Lat: 36.29N Lon: 7.82W Depth: 30F 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 135 327 EP 714 25.43-.070 1.0
 MORF HN 135 327 ES 714 39.79-.010 1.0
 MORF HN 135 327 IAML 714 40.92 15 0.2
 MESJ HZ 176 348 EP 714 30.680.160 1.0
 MESJ HN 176 348 ES 714 48.43-.070 1.0
 MESJ HN 176 348 IAML 714 49.29 6 0.3

April 22 2021 Hour: 11:33 2.4 Lat: 36.38N Lon: 10.45W Depth: 0 Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 190 57 EP 1133 31.51-.010 1.0
 MORF HN 190 57 ES 1133 52.800.010 1.0
 MORF HE 190 57 IAML 1133 54.73 7 0.2

April 23 2021 Hour: 0:20 42.9 Lat: 36.38N Lon: 9.72W Depth: 13F Agency: IGL Regional
Magnitudes: 1.8ML 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 140 43 EP 021 4.42-.030 1.0
 MORF HE 140 43 ES 021 20.15-.040 1.0
 MORF HN 140 43 IAML 021 21.23 22 0.3
 MESJ HZ 210 39 EP 021 13.03-.070 1.0
 MESJ HN 210 39 ES 021 35.290.150 1.0
 MESJ HN 210 39 IAML 021 36.55 4 0.1

April 23 2021 Hour: 2:59 26.3 Lat: 31.92N Lon: 10.15W Depth: 28F Agency: IGL Regional
Magnitudes: 4.2ML IGL Rms: 0.2 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 613 13 EP 3 0 44.67-.120 1.0
 MORF HE 613 13 ES 3 1 42.340.270 1.0
 MORF HN 613 13 IAML 3 1 46.96 390 0.3
 MESJ HZ 680 14 EP 3 0 52.940.080 1.0

MESJ HN	680	14	ES	3	1	56.090.060											1.0
MESJ HN	680	14	IAML	3	2	0.25				131	0.4						
GGNV HN	760	7	ES	3	2	11.86-.330											0.9
GGNV HN	760	7	IAML	3	2	17.91				385	0.4						

April 23 2021 Hour: 9:54 56.5 Lat: 35.46N 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	485	304	EP			956	1.970.010								1.0
MORF HZ	492	296	EP			956	2.80-.010								1.0

April 23 2021 Hour: 11:34 21.1 Lat: 35.59N Lon: 9.87W Depth: 31F 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	219	29	EP			1134	50.33-.080								1.0
MORF HE	219	29	ES			1135	11.860.060								1.0
MORF HN	219	29	IAML			1135	14.25			48	0.2				
MESJ HZ	290	30	EP			1134	59.07-.080								1.0
MESJ HN	290	30	ES			1135	27.010.100								1.0
MESJ HN	290	30	IAML			1135	28.85			10	0.3				

April 23 2021 Hour: 11:46 56.0 Lat: 39.73N Lon: 13.49W Depth: 25F Agency: IGL Regional
Magnitudes: 3.0ML 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	500	121	EP			1147	58.07-.140								1.0
MORF HE	500	121	ES			1148	43.39-.260								1.0
MORF HN	500	121	IAML			1148	45.20			37	0.2				
MESJ HZ	504	113	EP			1147	58.630.070								1.0
MESJ HN	504	113	ES			1148	44.590.340								1.0
MESJ HN	504	113	IAML			1148	49.02			19	0.2				

April 23 2021 Hour: 17:45 17.3 Lat: 37.29N Lon: 8.55W Depth: 8F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	9	280	EP			1745	19.22-.120								1.0
MORF HN	9	280	ES			1745	20.950.120								1.0
MORF HE	9	280	IAML			1745	21.67			26	0.1				

April 24 2021 Hour: 0:23 38.0 Lat: 18.92S Lon: 176.26W Depth: 301F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ17507	27	EPKPab				043	30.87-.040								1.0
MESJ BZ17633	27	EPKPdf				042	58.880.120								1.0
MESJ BZ17633	27	EPKPab				043	35.79-.080								1.0
MESJ BZ17633	27	EPP				047	17.240.040								1.0
MORF BZ17661	28	EPKPdf				042	59.250.120								1.0
MORF BZ17661	28	EPKPab				043	36.91-.160								1.0

April 24 2021 Hour: 1: 8 34.1 Lat: 35.67N Lon: 8.87W Depth: 31F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	182	6	EP			1	8	58.75-.050							1.0
MORF HE	182	6	ES			1	9	16.80-.030							1.0
MORF HE	182	6	IAML			1	9	18.46		29	0.2				
MESJ HZ	248	13	EP			1	9	6.950.080							1.0

April 24 2021 Hour: 3:44 54.5 Lat: 38.65N Lon: 11.02W Depth: 31F Agency: IGL Regional
Magnitudes: 2.2ML 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	256	125	EP		345	26.870	.040							1.0
MORF	HE	256	125	ES		345	50.34	-.100							1.0
MORF	HE	256	125	IAML		345	51.55		22	0.2					
MESJ	HE	261	109	ES		345	51.490	.060							1.0
MESJ	HN	261	109	IAML		345	54.06		8	0.2					

April 24 2021 Hour: 11:34 27.3 Lat: 38.75N Lon: 9.44W Depth: 3F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
SW SINTRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	147	133	EP		1134	50.830	.070							1.0
MESJ	HE	147	133	ES		1135	7.70	-.150							1.0
MESJ	HE	147	133	IAML		1135	8.92		3	0.1					
MORF	HE	175	156	ES		1135	13.940	.080							1.0
MORF	HN	175	156	IAML		1135	16.30		11	0.3					

April 24 2021 Hour: 17:50 35.9 Lat: 35.38N Lon: 3.66W Depth: 2F Agency: IGL Regional
Magnitudes: 1.5ML 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	305	EP		1751	41.84	-.000							1.0

April 24 2021 Hour: 21:33 12.7 Lat: 35.50N Lon: 3.70W Depth: 0 Agency: IGL Regional
Magnitudes: 1.5ML 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	481	304	EP		2134	17.70	-.010							1.0

April 24 2021 Hour: 23:28 59.7 Lat: 38.16N Lon: 9.50W Depth: 2F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	118	107	EP		2329	18.61	-.120							1.0
MORF	HZ	121	142	EP		2329	19.280	.080							1.0
MORF	HN	121	142	ES		2329	33.470	.040							1.0
MORF	HN	121	142	IAML		2329	35.14		15	0.2					

April 25 2021 Hour: 13:33 28.0 Lat: 35.51N Lon: 3.65W Depth: 2F Agency: IGL Regional
Magnitudes: 1.5ML 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	483	304	EP		1334	33.15	-.000							1.0

April 25 2021 Hour: 13:49 8.0 Lat: 35.46N Lon: 3.59W Depth: 17F Agency: IGL Regional
Magnitudes: 1.5ML 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	304	EP		1350	12.550	.000							1.0

April 25 2021 Hour: 14:16 12.5 Lat: 36.45N Lon: 9.81W Depth: 19F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	140	47	EP		1416	33.540	.020							1.0
MORF	HN	140	47	ES		1416	48.84	-.060							1.0
MORF	HN	140	47	IAML		1416	50.60		10	0.1					
MESJ	HZ	209	42	EP		1416	42.00	-.060							1.0
MESJ	HN	209	42	ES		1417	3.770	.100							1.0
MESJ	HN	209	42	IAML		1417	5.87		3	0.2					

April 25 2021 Hour: 20:12 50.7 Lat: 36.71N Lon: 9.64W Depth: 17F 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	110	53	EP		2013	8.090	.030							1.0
MORF	HE	110	53	ES		2013	20.760	.030							1.0
MORF	HN	110	53	IAML		2013	22.12		8	0.2					
MESJ	HZ	178	45	EP		2013	16.42	-.140							1.0
MESJ	HN	178	45	ES		2013	35.520	.080							1.0
MESJ	HN	178	45	IAML		2013	37.21		2	0.2					

April 25 2021 Hour: 21: 3 7.4 Lat: 36.90N Lon: 11.10W 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	222	78	EP		21 3	37.80	-.020							1.0
MORF	HN	222	78	ES		21 4	0.150	.110							1.0
MORF	HN	222	78	IAML		21 4	3.32		42	0.3					
MESJ	HZ	276	67	EP		21 3	44.40	-.030							1.0
MESJ	HN	276	67	ES		21 4	11.40	-.070							1.0
MESJ	HN	276	67	IAML		21 4	13.66		5	0.2					

April 25 2021 Hour: 22:28 1.2 Lat: 21.65S Lon: 177.08W Depth: 234F Agency: IGL Distant
Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17938		28	EPKpdf		2247	32.84	-.050							1.0
MESJ	BZ17938		28	EPKpab		2248	18.34	-.050							1.0
MORF	BZ17965		30	EPKpdf		2247	33.270	.070							1.0
MORF	BZ17965		30	EPKpab		2248	19.550	.040							1.0

April 26 2021 Hour: 3: 1 7.3 Lat: 36.48N Lon: 11.49W Depth: 40F Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VICENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	269	69	EP		3 1	43.550	.060							1.0
MORF	HN	269	69	ES		3 2	9.92	-.010							1.0
MORF	HN	269	69	IAML		3 2	13.45		1057	0.4					
GGNV	HZ	323	39	EP		3 1	50.090	.000							1.0
GGNV	HN	323	39	ES		3 2	21.19	-.140							1.0
GGNV	HE	323	39	IAML		3 2	25.45		1664	0.2					
MESJ	HZ	327	62	EP		3 1	50.680	.060							1.0
MESJ	HN	327	62	ES		3 2	22.280	.020							1.0
MESJ	HN	327	62	IAML		3 2	26.41		316	0.4					

April 26 2021 Hour: 9: 8 58.6 Lat: 36.76N Lon: 14.27W Depth: 30F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	503	81	EP		910	1.07	-.130							1.0
MORF	HN	503	81	ES		910	47.120	.200							1.0
MORF	HE	503	81	IAML		910	49.02		8	0.2					
MESJ	HZ	550	76	EP		910	6.73	-.080							1.0

April 26 2021 Hour: 19:55 41.4 Lat: 37.32N Lon: 8.62W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML 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		1955	43.24	-.280							1.0
MORF	HE	3	239	ES		1955	45.350	.300							1.0
MORF	HN	3	239	IAML		1955	45.81		79	0.1					
MESJ	HZ	68	31	EP		1955	52.34	-.010							1.0
MESJ	HN	68	31	ES		1956	0.31	-.010							1.0

MESJ HN 68 31 IAML 1956 1.38 4 0.1

April 26 2021 Hour: 21: 7 28.3 Lat: 29.28S Lon: 176.70W Depth: 10F Agency: IGL Distant
Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18469	44	EPK	pdf		2127	32.90	-.030							1.0
MESJ	BZ18593	45	EPK	pdf		2127	33.75	-.090							1.0
MORF	BZ18598	48	EPK	pdf		2127	34.050	.120							1.0

April 27 2021 Hour: 0:33 58.7 Lat: 35.34N Lon: 3.67W 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	492	306	EP		035	5.190	.100							1.0
MORF	HZ	497	297	EP		035	5.63	-.100							1.0

April 27 2021 Hour: 7:18 48.7 Lat: 36.02N Lon: 10.85W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML IGL
Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	243	53	EP		719	20.90	-.020							1.0
MORF	HN	243	53	ES		719	44.450	.020							1.0
MORF	HN	243	53	IAML		719	46.13			8	0.3				

April 27 2021 Hour: 10:46 26.4 Lat: 35.43N Lon: 3.61W Depth: 5F Agency: IGL Regional
Magnitudes: 2.2ML IGL
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	304	EP		1047	32.270	.060							1.0
MESJ	HE	491	304	ES		1048	20.19	-.050							1.0
MESJ	HN	491	304	IAML		1048	21.81			4	0.3				
MORF	HZ	498	296	EP		1047	33.04	-.010							1.0

April 27 2021 Hour: 10:48 25.9 Lat: 35.46N Lon: 3.67W Depth: 2F Agency: IGL Regional
Magnitudes: 2.5ML 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		1049	31.20	-.010							1.0
MESJ	HE	485	304	ES		1050	18.89	-.000							1.0
MESJ	HN	485	304	IAML		1050	25.03			10	0.3				
MORF	HZ	491	296	EP		1049	32.060	.020							1.0

April 27 2021 Hour: 16:33 34.2 Lat: 29.12S Lon: 176.84W Depth: 10F Agency: IGL Distant
Magnitudes: 6.2Ms IGL
Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18466	44	EPK	pdf		1653	38.890	.100							1.0
GGNV	BE18466	44	IAMs	_20		18	7	0.65		3829	23.8				
MESJ	BZ18590	45	EPK	pdf		1653	39.59	-.110							1.0
MESJ	BN18590	45	ESS			1719	18.930	.010							1.0
MESJ	BZ18590	45	IAMs	_20		1811	40.30			3300	19.8				
MORF	BZ18596	47	EPK	pdf		1653	39.800	.000							1.0
MORF	BZ18596	47	IAMs	_20		1811	48.04			2957	20.7				

April 27 2021 Hour: 23: 4 9.0 Lat: 36.94N Lon: 8.70W Depth: 11F Agency: IGL Regional
Magnitudes: 1.0ML IGL
Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	41	6	EP		23	4	15.80	-.040						1.0
MORF	HN	41	6	ES		23	4	20.860	.040						1.0
MORF	HN	41	6	IAML		23	4	22.45			12	0.1			

April 28 2021 Hour: 1:20 25.3 Lat: 35.43N Lon: 3.68W Depth: 2F 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	305	EP		121	30.830	.030							1.0
MORF	HZ	493	296	EP		121	31.55-	-.030							1.0

April 28 2021 Hour: 1:50 51.7 Lat: 36.25N Lon: 8.58W Depth: 15F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	357	EP		151	10.10-	-.040							1.0
MORF	HE	117	357	ES		151	23.650	.040							1.0
MORF	HN	117	357	IAML		151	25.46			4	0.2				

April 28 2021 Hour: 2:0 7.6 Lat: 37.11N Lon: 8.61W Depth: 18F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	22	350	EP		2	0	12.200	.020						1.0
MORF	HN	22	350	ES		2	0	15.42-	-.070						1.0
MORF	HE	22	350	IAML		2	0	16.17		14	0.1				
MESJ	HN	88	23	ES		2	0	32.010	.050						1.0
MESJ	HE	88	23	IAML		2	0	33.30		0.60	0.1				

April 28 2021 Hour: 2:21 25.6 Lat: 26.78N Lon: 92.44E Depth: 34F Agency: IGL Distant
Magnitudes: 6.2Mb IGL Rms: 0.1 secs

ASSAM, INDIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9099	308	EP		233	41.23-	-.030							1.0
MESJ	BZ	9099	308	IAMB		233	43.82			354	1.0				
MESJ	BZ	9099	308	EPP		236	48.120	.070							1.0
MESJ	BN	9099	308	ES		243	52.29-	-.250							0.9
GGNV	BZ	9126	309	EP		233	42.580	.100							1.0
GGNV	BZ	9126	309	IAMB		233	44.73			265	1.2				
GGNV	BZ	9126	309	EPP		236	50.070	.060							1.0
MORF	BZ	9160	308	EP		233	44.20-	-.010							1.0
MORF	BZ	9160	308	IAMB		233	46.45			140	0.8				
MORF	BZ	9160	308	EPP		236	52.660	.020							1.0

April 28 2021 Hour: 3:43 41.1 Lat: 36.63N Lon: 9.70W Depth: 18F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	120	51	EP		343	59.66-	-.000							1.0
MORF	HN	120	51	ES		344	13.23-	-.010							1.0
MORF	HN	120	51	IAML		344	13.98			4	0.2				
MESJ	HZ	188	44	EP		344	8.08-	-.020							1.0
MESJ	HE	188	44	ES		344	27.880	.040							1.0
MESJ	HE	188	44	IAML		344	28.33			1.00	0.3				

April 28 2021 Hour: 3:56 9.5 Lat: 35.42N Lon: 3.63W 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	490	304	EP		357	14.800	.000							1.0

April 28 2021 Hour: 8:22 45.7 Lat: 35.46N Lon: 3.70W Depth: 5F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	305	EP		823	50.35	-.170							1.0
MESJ	HN	483	305	ES		824	38.020	.190							1.0
MESJ	HN	483	305	IAML		824	40.82			5	0.3				
MORF	HZ	490	296	EP		823	51.31	-.020							1.0

April 28 2021 Hour: 11:42 29.8 Lat: 36.81N Lon: 7.40W Depth: 24F 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	HE	124	297	ES		1143	2.04	-.020							1.0
MORF	HN	124	297	IAML		1143	3.36			6	0.3				
MESJ	HZ	135	328	EP		1142	49.820	.020							1.0
MESJ	HE	135	328	ES		1143	4.420	.000							1.0
MESJ	HN	135	328	IAML		1143	7.05			2	0.3				

April 28 2021 Hour: 12:40 52.7 Lat: 35.50N Lon: 3.66W Depth: 0 Agency: IGL Regional
Magnitudes: 3.6ML 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	483	304	EP		1241	58.140	.120							1.0
MORF	HZ	490	296	EP		1241	58.80	-.130							1.0
MORF	HE	490	296	ES		1242	47.290	.020							1.0
MORF	HE	490	296	IAML		1242	55.31			110	0.3				

April 28 2021 Hour: 14:45 3.8 Lat: 35.40N Lon: 3.62W Depth: 17F 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	492	305	EP		1446	8.49	-.060							1.0
MESJ	HN	492	305	ES		1446	55.930	.140							1.0
MESJ	HN	492	305	IAML		1446	59.29			9	0.2				
MORF	HZ	499	296	EP		1446	9.25	-.090							1.0

April 28 2021 Hour: 17:28 11.7 Lat: 35.43N Lon: 3.61W 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		1729	16.59	-.020							1.0
MORF	HZ	498	296	EP		1729	17.470	.020							1.0

April 29 2021 Hour: 3:58 46.9 Lat: 37.58S Lon: 179.37E Depth: 10F Agency: IGL Distant
Rms: 0.1 secs

OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ19256	78	EPKp \bar{d} f			418	56.010	.040							1.0
GGNV	BZ19256	78	EPP			424	15.720	.050							1.0
MORF	BZ19302	90	EPKp \bar{d} f			418	56.11	-.110							1.0
MESJ	BZ19343	85	EPKp \bar{d} f			418	56.30	-.000							1.0
MESJ	BZ19343	85	EPP			424	19.540	.010							1.0

April 29 2021 Hour: 6:50 29.0 Lat: 29.40S Lon: 176.45W Depth: 10F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.0 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18461	45	EPKp \bar{d} f			710	33.49	-.060							1.0
GGNV	BZ18461	45	IAMs $\bar{2}$ 0			849	58.69			5334	17.6				
MESJ	BZ18585	46	EPKp \bar{d} f			710	34.470	.010							1.0
MESJ	BZ18585	46	IAMs $\bar{2}$ 0			828	27.97			4542	20.1				
MORF	BZ18589	49	EPKp \bar{d} f			710	34.590	.050							1.0

MORF BZ18589 49 IAMs_20 839 35.27 4363 17.3

**April 29 2021 Hour: 7:30 27.6 Lat: 35.42N Lon: 3.61W Depth: 0 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	492	304	EP		731	33.95	-.030							1.0
MESJ	HN	492	304	ES		732	22.670	.220							1.0
MESJ	HN	492	304	IAML		732	24.69			6	0.3				
MORF	HZ	499	296	EP		731	34.73	-.070							1.0
MORF	HN	499	296	ES		732	23.74	-.130							1.0
MORF	HN	499	296	IAML		732	28.86			13	0.2				

**April 29 2021 Hour: 10:30 24.0 Lat: 43.86N Lon: 127.82W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs**

OFF COAST OF OREGON Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9115	44	EP		1042	44.17	-.080							1.0
MESJ	BZ	9115	44	IAMB		1042	52.56			128	2.3				
MORF	BZ	9137	45	EP		1042	45.410	.080							1.0
MORF	BZ	9137	45	IAMB		1042	53.06			42	1.2				

**April 29 2021 Hour: 10:35 46.8 Lat: 43.89N Lon: 128.28W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs**

OFF COAST OF OREGON Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9139	44	EP		1048	8.200	.010							1.0
MESJ	BZ	9139	44	IAMB		1048	13.45			19	1.2				
MORF	BZ	9161	44	EP		1048	9.28	-.010							1.0
MORF	BZ	9161	44	IAMB		1048	14.26			35	1.2				

**April 29 2021 Hour: 10:58 35.3 Lat: 43.92N Lon: 128.04W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs**

OFF COAST OF OREGON Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9123	44	EP		1110	56.020	.070							1.0
MESJ	BZ	9123	44	IAMB		1111	1.19			41	1.1				
MORF	BZ	9145	45	EP		1110	56.97	-.070							1.0
MORF	BZ	9145	45	IAMB		1111	1.92			28	0.8				

**April 29 2021 Hour: 11:28 29.2 Lat: 37.31N Lon: 8.63W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs**

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	253	EP		1128	31.25	-.280							1.0
MORF	HN	2	253	ES		1128	33.350	.100							1.0
MORF	HN	2	253	IAML		1128	33.74			31	0.1				
MESJ	HZ	69	32	EP		1128	40.520	.200							1.0
MESJ	HN	69	32	ES		1128	48.44	-.020							1.0
MESJ	HN	69	32	IAML		1128	49.51			4	0.2				

**April 29 2021 Hour: 12:11 48.7 Lat: 38.31N Lon: 9.20W Depth: 8F Agency: IGL Regional
Magnitudes: 0.8ML IGL 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	101	121	EP		1212	4.890	.030							1.0
MESJ	HE	101	121	ES		1212	16.62	-.030							1.0
MESJ	HN	101	121	IAML		1212	19.60			2	0.3				

April 29 2021 Hour: 16:12 12.2 Lat: 35.46N Lon: 3.67W Depth: 6F 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	485	304	EP		1613	17.03	-.090							1.0
MESJ	HN	485	304	ES		1614	4.590	.090							1.0
MESJ	HN	485	304	IAML		1614	7.99			5	0.3				

April 29 2021 Hour: 22:24 15.0 Lat: 37.34N Lon: 8.83W Depth: 1F Agency: IGL Regional
Magnitudes: 0.6ML 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	16	104	EP		2224	17.60	-.010							1.0
MORF	HN	16	104	ES		2224	19.580	.060							1.0
MORF	HN	16	104	IAML		2224	20.54			21	0.3				
MESJ	HZ	77	44	EP		2224	27.36	-.090							1.0
MESJ	HN	77	44	ES		2224	36.590	.040							1.0
MESJ	HN	77	44	IAML		2224	39.34			2	0.2				

April 29 2021 Hour: 23:21 31.7 Lat: 35.28N Lon: 5.89W Depth: 33F Agency: IGL Regional
Magnitudes: 1.9ML 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	335	313	EP		2322	15.87	-.200							1.0
MORF	HN	335	313	ES		2322	48.460	.010							1.0
MORF	HN	335	313	IAML		2322	51.08			4	0.1				
MESJ	HZ	352	324	EP		2322	18.380	.150							1.0
MESJ	HN	352	324	ES		2322	52.220	.030							1.0
MESJ	HN	352	324	IAML		2322	54.90			5	0.2				

April 30 2021 Hour: 0:24 52.2 Lat: 37.44N Lon: 7.77W Depth: 6F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

SW MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	60	318	EP		025	1.83	-.030							1.0
MESJ	HN	60	318	ES		025	8.84	-.070							1.0
MESJ	HN	60	318	IAML		025	11.48			1	0.0				
MORF	HN	80	259	ES		025	14.600	.100							1.0
MORF	HN	80	259	IAML		025	16.99			3	0.1				

April 30 2021 Hour: 1:58 9.5 Lat: 35.51N Lon: 3.63W Depth: 12F 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	485	304	EP		159	13.83	-.010							1.0
MORF	HZ	493	295	EP		159	14.800	.010							1.0

April 30 2021 Hour: 19:35 1.4 Lat: 37.10N Lon: 3.62W Depth: 1F 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	415	283	EP		1935	58.420	.010							1.0