

# Seismological Bulletin

from the

UNIVERSITY OF LISBON  
FACULTY OF SCIENCE

## IDL Seismic Network

May to June

2021

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## STATIONS USED

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

Lisboa (IGIDL)  
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)  
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560m

Messejana  
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

**May 1 2021 Hour: 0:17 50.2 Lat: 41.95N Lon: 7.82W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 2.0ML IGL Rms: 0.1 secs**  
**SPAIN Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	458	184	EP		018	51.120	.200							1.0
MESJ	HN	458	184	ES		019	35.07	-.140							1.0
MESJ	HN	458	184	IAML		019	38.22			3	0.1				
MORF	HZ	521	188	EP		018	58.53	-.060							1.0

**May 1 2021 Hour: 1:27 27.7 Lat: 38.23N Lon: 141.66E Depth: 47F Agency: IGL Distant**  
**Magnitudes: 7.2Ms 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	BZ10991	337	EPdif			141	2.520	.090							1.0
GGNV	BZ10991	337	EPP			145	4.30	-.050							1.0
GGNV	BE10991	337	ESKSac			151	36.520	.110							1.0
GGNV	BE10991	337	IAMs_20			219	59.22			86125	29.3				
MESJ	BZ11048	336	EPdif			141	4.74	-.010							1.0
MESJ	BZ11048	336	EPP			145	8.30	-.010							1.0
MESJ	BN11048	336	ESKSac			151	38.84	-.190							0.9
MESJ	BZ11048	336	IAMs_20			227	58.47			82276	14.2				
MORF	BZ11118	336	EPdif			141	7.51	-.080							1.0
MORF	BZ11118	336	EPP			145	13.260	.130							1.0
MORF	BZ11118	336	IAMs_20			226	52.86			84156	19.7				

**May 1 2021 Hour: 2:33 5.9 Lat: 37.13N Lon: 7.94W Depth: 19F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.1 secs**  
**SW S.BRAS DE ALPORTEL, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	66	287	EP		233	16.71	-.050							1.0
MORF	HN	66	287	ES		233	24.58	-.080							1.0
MORF	HN	66	287	IAML		233	25.99			23	0.2				
MESJ	HZ	83	343	EP		233	19.350	.160							1.0
MESJ	HN	83	343	ES		233	28.84	-.030							1.0
MESJ	HN	83	343	IAML		233	31.37			6	0.1				

**May 1 2021 Hour: 9:58 16.0 Lat: 37.20N Lon: 8.56W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.1 secs**  
**NW PORTIMAO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	325	EP		958	18.10	-.180							1.0
MORF	HE	14	325	ES		958	20.020	.070							1.0
MORF	HE	14	325	IAML		958	20.31			116	0.2				
MESJ	HZ	77	23	EP		958	28.540	.120							1.0
MESJ	HN	77	23	ES		958	37.49	-.000							1.0
MESJ	HN	77	23	IAML		958	40.88			11	0.3				

**May 1 2021 Hour: 10: 5 48.9 Lat: 35.43N Lon: 3.60W Depth: 13F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	492	304	EP		10	6	53.95	-.010						1.0

**May 1 2021 Hour: 16: 9 28.3 Lat: 38.24N Lon: 8.04W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**  
**SW ALVITO, PORTUGAL Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	47	200	EP		16	9	36.000	.160						1.0
MESJ	HE	47	200	ES		16	9	41.18	-.160						1.0
MESJ	HN	47	200	IAML		16	9	41.71		6	0.2				

**May 1 2021 Hour: 16:29 58.7 Lat: 35.97N Lon: 10.06W Depth: 10F 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	194	40	EP		1630	27.360	.090							1.0
MORF	HN	194	40	ES		1630	48.07	-.090							1.0
MORF	HN	194	40	IAML		1630	49.69			8	0.1				

**May 1 2021 Hour: 17:16 30.3 Lat: 37.30N Lon: 8.54W Depth: 6F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**  
**SE MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	273	EP		1716	32.04	-.150							1.0
MORF	HN	10	273	ES		1716	33.740	.140							1.0
MORF	HN	10	273	IAML		1716	34.67			44	0.1				
MESJ	HZ	66	25	EP		1716	41.000	.010							1.0

**May 1 2021 Hour: 20:52 0.8 Lat: 36.65N Lon: 7.54W Depth: 20F 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	145	336	EP		2052	22.400	.000							1.0

**May 1 2021 Hour: 21:39 14.4 Lat: 35.39N Lon: 3.64W Depth: 4F Agency: IGL Regional**  
**Magnitudes: 2.1ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	305	EP		2140	20.380	.060							1.0
MESJ	HE	491	305	ES		2141	8.36	-.070							1.0
MESJ	HN	491	305	IAML		2141	12.29			3	0.2				
MORF	HZ	497	297	EP		2140	21.080	.010							1.0

**May 1 2021 Hour: 22:10 6.9 Lat: 35.46N Lon: 3.64W 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	488	304	EP		2211	12.760	.050							1.0
MESJ	HN	488	304	ES		2212	0.830	.050							1.0
MESJ	HE	488	304	IAML		2212	6.42			71	0.4				
MORF	HZ	494	296	EP		2211	13.36	-.210							1.0
MORF	HE	494	296	ES		2212	2.380	.100							1.0
MORF	HE	494	296	IAML		2212	7.50			186	0.3				

**May 2 2021 Hour: 3:40 30.0 Lat: 36.96N Lon: 4.22W 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	368	287	EP		341	21.06	-.000							1.0

**May 2 2021 Hour: 6:57 38.9 Lat: 30.14S Lon: 71.58W Depth: 31F Agency: IGL Distant**  
**Magnitudes: 5.9Mb IGL Rms: 0.0 secs**  
**OFFSHORE COQUIMBO, CHILE Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9928	45	EP		710	31.84	-.050							1.0
MORF	BZ	9928	45	IAMB		710	32.89			67	1.0				
GGNV	BZ	9995	44	EP		710	34.600	.040							1.0
GGNV	BZ	9995	44	IAMB		710	35.58			43	0.7				
MESJ	BZ	9995	45	EP		710	34.660	.010							1.0
MESJ	BZ	9995	45	IAMB		710	35.21			88	1.2				
MESJ	BZ	9995	45	EPP		714	7.17	-.040							1.0
GGNV	BZ	9995	44	EPP		714	7.170	.040							1.0

May 2 2021 Hour: 9:49 26.1 Lat: 36.64N Lon: 8.55W Depth: 25F Agency: IGL Regional  
Magnitudes: 0.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	74	353	EP		949	38.280	.060							1.0
MORF	HE	74	353	ES		949	46.97	-.060							1.0
MORF	HN	74	353	IAML		949	47.97			4	0.1				
MESJ	HZ	136	12	EP		949	46.21	-.000							1.0

May 2 2021 Hour: 15:38 3.9 Lat: 37.34N Lon: 8.75W Depth: 5F Agency: IGL Regional  
Magnitudes: 1.1ML IGL Rms: 0.0 secs

NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	115	EP		1538	5.67	-.040							1.0
MORF	HN	9	115	ES		1538	7.010	.000							1.0
MORF	HE	9	115	IAML		1538	7.26			335	0.1				
MESJ	HZ	73	40	EP		1538	15.690	.020							1.0
MESJ	HN	73	40	ES		1538	24.260	.020							1.0
MESJ	HN	73	40	IAML		1538	25.21			3	0.2				

May 3 2021 Hour: 2:48 42.0 Lat: 35.44N Lon: 3.65W Depth: 8F Agency: IGL Regional  
Magnitudes: 2.3ML IGL Rms: 0.0 secs

STRAIT Of GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		249	46.97	-.020							1.0
MESJ	HN	488	304	ES		250	34.480	.020							1.0
MESJ	HN	488	304	IAML		250	37.05			6	0.8				

May 3 2021 Hour: 8:17 50.2 Lat: 35.44N Lon: 3.68W Depth: 1F 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	486	305	EP		818	55.65	-.080							1.0
MESJ	HN	486	305	ES		819	43.790	.210							1.0
MESJ	HN	486	305	IAML		819	49.52			8	0.3				
MORF	HZ	492	296	EP		818	56.40	-.130							1.0

May 3 2021 Hour: 8:46 40.1 Lat: 51.31N Lon: 100.42E Depth: 18F Agency: IGL Distant  
Magnitudes: 6.0Ms IGL Rms: 0.0 secs

RUSSIA-MONGOLIA BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7947	308	EP		857	59.85	-.010							1.0
MESJ	BE	7947	308	ES		9	7	18.560	.050						1.0
MESJ	BZ	7947	308	IAMs_20		933	38.66			8326	12.9				
MORF	BZ	8017	308	EP		858	3.68	-.040							1.0
MORF	BZ	8017	308	IAMs_20		934	5.13			6528	24.9				

May 3 2021 Hour: 11:50 25.4 Lat: 37.31N Lon: 8.62W Depth: 15F Agency: IGL Regional  
Magnitudes: 0.5ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	258	EP		1150	27.85	-.030							1.0
MORF	HN	3	258	ES		1150	29.750	.030							1.0
MORF	HN	3	258	IAML		1150	30.26			20	0.1				

May 4 2021 Hour: 1:10 30.3 Lat: 37.32N Lon: 8.63W Depth: 17F Agency: IGL Regional  
Magnitudes: 0.5ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	229	EP		110	33.03	-.080							1.0
MORF	HE	3	229	ES		110	35.200	.040							1.0
MORF	HN	3	229	IAML		110	35.48			16	0.1				
MESJ	HZ	68	32	EP		110	41.360	.020							1.0

MESJ HN 68 32 ES 110 49.430.030 1.0  
 MESJ HN 68 32 IAML 110 50.70 2 0.2

May 4 2021 Hour: 3:20 35.7 Lat: 35.44N Lon: 3.62W Depth: 13F Agency: IGL Regional  
 Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	490	304	EP		321	40.50	-.010							1.0
MORF	HZ	497	296	EP		321	41.370	.010							1.0

May 4 2021 Hour: 3:42 26.4 Lat: 35.38N Lon: 3.61W Depth: 14F 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	494	305	EP		343	31.600	.020							1.0
MESJ	HN	494	305	ES		344	19.13	-.030							1.0
MESJ	HN	494	305	IAML		344	22.96			15	0.4				
MORF	HZ	500	297	EP		343	32.24	-.100							1.0
MORF	HE	500	297	ES		344	20.590	.110							1.0
MORF	HN	500	297	IAML		344	25.99			30	0.4				

May 4 2021 Hour: 4:38 39.2 Lat: 35.95N Lon: 10.27W Depth: 31F Agency: IGL Regional  
 Magnitudes: 2.6ML IGL Rms: 0.1 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	209	43	EP		439	7.18	-.020							1.0
MORF	HN	209	43	ES		439	27.56	-.050							1.0
MORF	HN	209	43	IAML		439	30.13			66	0.2				
MESJ	HZ	278	40	EP		439	15.71	-.100							1.0
MESJ	HN	278	40	ES		439	42.670	.170							1.0
MESJ	HN	278	40	IAML		439	45.24			17	0.3				

May 5 2021 Hour: 6:39 18.0 Lat: 37.02N Lon: 11.92W Depth: 31F Agency: IGL Regional  
 Magnitudes: 3.4ML IGL Rms: 0.1 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	292	83	EP		639	56.440	.120							1.0
MORF	HN	292	83	ES		640	24.18	-.100							1.0
MORF	HN	292	83	IAML		640	26.50			233	0.2				
MESJ	HZ	340	73	EP		640	2.20	-.040							1.0
MESJ	HN	340	73	ES		640	34.550	.020							1.0
MESJ	HN	340	73	IAML		640	39.78			107	0.2				

May 5 2021 Hour: 12:40 54.9 Lat: 37.31N Lon: 8.56W Depth: 19F Agency: IGL Regional  
 Magnitudes: 1.0ML IGL Rms: 0.0 secs

**SE MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	266	EP		1240	58.25	-.010							1.0
MORF	HE	8	266	ES		1241	0.720	.010							1.0
MORF	HN	8	266	IAML		1241	1.29			35	0.1				

May 5 2021 Hour: 13:36 17.7 Lat: 36.76N Lon: 7.31W Depth: 20F Agency: IGL Regional  
 Magnitudes: 0.9ML IGL Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	144	326	EP		1336	39.12	-.010							1.0
MESJ	HN	144	326	ES		1336	54.820	.010							1.0
MESJ	HE	144	326	IAML		1336	56.58			2	0.1				

May 5 2021 Hour: 15:56 11.5 Lat: 36.48N Lon: 7.92W Depth: 7F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	325	EP		1556	29.40	-.060							1.0
MORF	HN	112	325	ES		1556	42.610	.010							1.0
MORF	HN	112	325	IAML		1556	44.20			17	0.2				
MESJ	HZ	153	350	EP		1556	35.22	-.020							1.0
MESJ	HN	153	350	ES		1556	52.670	.070							1.0
MESJ	HN	153	350	IAML		1556	54.01			7	0.1				

May 6 2021 Hour: 0:59 40.5 Lat: 35.82N Lon: 5.58W Depth: 4F Agency: IGL Regional  
Rms: 0.0 secs

**MOROCCO Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	325	314	EP		1	0	25.97	-.010						1.0

May 6 2021 Hour: 15:16 18.9 Lat: 36.53N Lon: 4.47W Depth: 89F Agency: IGL Regional  
Magnitudes: 2.2ML IGL Rms: 0.1 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	363	295	EP		1517	6.08	-.240							1.0
MESJ	HN	363	295	ES		1517	41.060	.130							1.0
MESJ	HN	363	295	IAML		1517	42.61			6	0.2				
MORF	HZ	382	284	EP		1517	8.680	.070							1.0
MORF	HN	382	284	ES		1517	44.940	.040							1.0
MORF	HN	382	284	IAML		1517	46.35			9	0.1				

May 6 2021 Hour: 21:9 14.8 Lat: 35.45N Lon: 3.66W Depth: 0 Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		2110	20.500	.010							1.0

May 6 2021 Hour: 21:28 4.8 Lat: 37.08N Lon: 9.16W Depth: 29F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.1 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	61	EP		2128	13.900	.020							1.0
MORF	HN	52	61	ES		2128	20.580	.070							1.0
MORF	HN	52	61	IAML		2128	21.22			81	0.2				
MESJ	HZ	118	44	EP		2128	22.17	-.230							1.0
MESJ	HN	118	44	ES		2128	35.370	.130							1.0
MESJ	HN	118	44	IAML		2128	35.67			7	0.3				

May 7 2021 Hour: 5:35 42.8 Lat: 34.57N Lon: 15.89W Depth: 26F Agency: IGL Regional  
Magnitudes: 2.5ML IGL Rms: 0.1 secs

**MADEIRA ISLANDS, PORTUGAL REGION Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	720	63	EP		537	14.07	-.120							1.0
MORF	HN	720	63	ES		538	21.040	.150							1.0
MORF	HN	720	63	IAML		538	28.54			11	0.4				
MESJ	HN	779	60	ES		538	32.86	-.020							1.0
MESJ	HN	779	60	IAML		538	36.32			2	0.3				

May 7 2021 Hour: 6:27 3.7 Lat: 36.84N Lon: 13.71W Depth: 4F 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	453	82	EP		628	0.11	-.260							1.0
MORF	HN	453	82	ES		628	42.050	.290							1.0
MORF	HN	453	82	IAML		628	45.98			14	0.2				
MESJ	HZ	499	76	EP		628	5.83	-.170							1.0

MESJ HE 499 76 ES 628 51.650.150 1.0  
 MESJ HE 499 76 IAML 628 56.32 2 0.1

**May 7 2021 Hour: 9:19 28.4 Lat: 37.20N Lon: 8.60W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 1.6ML IGL Rms: 0.2 secs**

**NW PORTIMAO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	338	EP		919	30.89	-.180							1.0
MORF	HE	13	338	ES		919	32.96	-.030							1.0
MESJ	HZ	79	25	EP		919	41.410	.300							1.0
MESJ	HN	79	25	ES		919	50.30	-.070							1.0
MESJ	HN	79	25	IAML		919	53.68			21	0.3				

**May 7 2021 Hour: 11:45 25.2 Lat: 14.09N Lon: 48.41W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.2Ms IGL Rms: 0.0 secs**

**NORTH ATLANTIC OCEAN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4697	49	EP		1153	18.28	-.010							1.0
MORF	BN	4697	49	ES		1159	39.43	-.040							1.0
MORF	BZ	4697	49	IAMs_20		12	9	15.08		2148	17.4				
GGNV	BN	4719	47	ES		1159	42.350	.050							1.0
GGNV	BE	4719	47	IAMs_20		12	8	59.08		3592	24.4				
MESJ	BZ	4755	49	EP		1153	22.45	-.040							1.0
MESJ	BN	4755	49	ES		1159	47.110	.030							1.0
MESJ	BZ	4755	49	IAMs_20		1210	11.86			2085	10.1				

**May 7 2021 Hour: 15:57 21.1 Lat: 36.13N Lon: 8.42W Depth: 31F Agency: IGL Regional**  
**Magnitudes: 1.7ML IGL Rms: 0.1 secs**

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	351	EP		1557	39.30	-.230							1.0
MORF	HE	132	351	ES		1557	53.120	.130							1.0
MORF	HE	132	351	IAML		1557	55.16			23	0.2				
MESJ	HZ	191	5	EP		1557	46.880	.100							1.0
MESJ	HN	191	5	ES		1558	5.530	.000							1.0
MESJ	HN	191	5	IAML		1558	6.86			4	0.1				

**May 7 2021 Hour: 23:35 14.3 Lat: 18.81S Lon: 177.49W Depth: 384F 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	BZ17552	25	EP	PKPab		2355	0.280	.200							0.9
MESJ	BZ17677	24	EP	PKPab		2355	4.90	-.120							1.0
MORF	BZ17709	26	EP	PKPab		2355	6.28	-.070							1.0

**May 8 2021 Hour: 3:15 2.7 Lat: 38.21N Lon: 8.27W Depth: 1 Agency: IGL Regional**  
**Rms: 0.0 secs**

**NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	41	174	EP		3	1	59.34	-.010						1.0
MESJ	HN	41	174	ES		3	2	4.230	.010						1.0

**May 8 2021 Hour: 4:28 8.6 Lat: 36.17N Lon: 8.22W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 2.1ML 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	132	343	EP		428	29.370	.060							1.0
MORF	HE	132	343	ES		428	44.43	-.030							1.0
MORF	HN	132	343	IAML		428	48.81			41	0.3				
MESJ	HZ	185	360	EP		428	35.97	-.040							1.0
MESJ	HE	185	360	ES		428	56.060	.010							1.0
MESJ	HN	185	360	IAML		429	0.60			11	0.2				



May 9 2021 Hour: 2:32 48.2 Lat: 35.49N Lon: 3.58W Depth: 9F 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	490	304	EP		233	53.570	.140							1.0
MORF	HZ	498	295	EP		233	54.26	-.140							1.0

May 9 2021 Hour: 3:21 46.5 Lat: 38.27N Lon: 9.39W Depth: 0 Agency: IGL Regional  
Rms: 0.0 secs

**SW SESIMBRA, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	113	115	EP		322	4.820	.010							1.0

May 9 2021 Hour: 7:43 13.1 Lat: 36.73N Lon: 9.69W Depth: 18F Agency: IGL Regional  
Magnitudes: 1.2ML IGL Rms: 0.1 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	55	EP		743	30.61	-.140							1.0
MORF	HN	112	55	ES		743	43.780	.130							1.0
MORF	HN	112	55	IAML		743	44.41			9	0.2				
MESJ	HZ	179	46	EP		743	38.91	-.150							1.0
MESJ	HN	179	46	ES		743	58.180	.160							1.0
MESJ	HE	179	46	IAML		743	59.05			1	0.0				

May 9 2021 Hour: 11:26 24.3 Lat: 39.86N Lon: 8.80W Depth: 4F Agency: IGL Regional  
Magnitudes: 1.8ML IGL Rms: 0.1 secs

**N LEIRIA, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	230	167	EP		1126	57.82	-.120							1.0
MESJ	HN	230	167	ES		1127	22.590	.120							1.0
MESJ	HN	230	167	IAML		1127	25.21			6	0.6				

May 9 2021 Hour: 22:58 32.6 Lat: 36.85N Lon: 10.55W Depth: 30F 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	176	73	EP		2258	57.21	-.120							1.0
MORF	HE	176	73	ES		2259	15.400	.030							1.0
MORF	HE	176	73	IAML		2259	16.10			5	0.2				
MESJ	HZ	234	61	EP		2259	4.480	.010							1.0
MESJ	HN	234	61	ES		2259	27.810	.080							1.0
MESJ	HE	234	61	IAML		2259	28.46			0.50	0.1				

May 10 2021 Hour: 1:23 57.5 Lat: 36.60N Lon: 6.10W Depth: 28F Agency: IGL Regional  
Magnitudes: 1.4ML IGL Rms: 0.1 secs

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	233	307	EP		124	29.420	.060							1.0
MESJ	HN	233	307	ES		124	52.780	.130							1.0
MESJ	HN	233	307	IAML		124	54.16			2	0.1				
MORF	HZ	240	290	EP		124	30.12	-.190							1.0

May 11 2021 Hour: 4:37 14.1 Lat: 18.96N Lon: 102.53W Depth: 101F Agency: IGL Distant  
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

**MICHOACAN, MEXICO Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9095	54	EP		449	21.860	.050							1.0
MORF	BZ	9095	54	IAMB		449	22.61			15	0.9				
MESJ	BZ	9114	53	EP		449	22.58	-.050							1.0
MESJ	BZ	9114	53	IAMB		449	28.55			34	1.4				

**May 11 2021 Hour: 4:51 34.5 Lat: 37.27N Lon: 8.58W Depth: 12F Agency: IGL Regional**  
**Magnitudes: 0.1ML IGL Rms: 0.1 secs**  
**SW MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	301	EP		451	36.79	-.090							1.0
MORF	HE	7	301	ES		451	38.690	.090							1.0
MORF	HN	7	301	IAML		451	38.93			8	0.1				

**May 11 2021 Hour: 11: 5 45.6 Lat: 37.22N Lon: 7.66W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**  
**N TAVIRA, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	85	324	EP		11	5	59.08	-.090						1.0
MESJ	HN	85	324	ES		11	6	9.280	.200						1.0
MESJ	HN	85	324	IAML		11	6	10.47			2	0.1			
MORF	HZ	89	276	EP		11	5	59.66	-.110						1.0

**May 11 2021 Hour: 11:35 15.6 Lat: 35.64N Lon: 3.66W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 3.0ML IGL Rms: 0.2 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	474	302	EP		1136	19.850	.060							1.0
MESJ	HE	474	302	ES		1137	6.780	.110							1.0
MESJ	HN	474	302	IAML		1137	11.28				21	0.2			
MORF	HZ	483	294	EP		1136	20.61	-.340							1.0
MORF	HN	483	294	ES		1137	8.840	.160							1.0
MORF	HE	483	294	IAML		1137	15.60				41	0.2			

**May 11 2021 Hour: 16:36 59.1 Lat: 35.49N Lon: 3.62W Depth: 7F Agency: IGL Regional**  
**Magnitudes: 3.0ML 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	487	304	EP		1638	4.190	.000							1.0

**May 11 2021 Hour: 16:52 3.3 Lat: 35.47N Lon: 3.65W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 3.4ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		1653	8.790	.130							1.0
MESJ	HN	486	304	ES		1653	56.530	.160							1.0
MESJ	HN	486	304	IAML		1654	2.87				61	0.6			
MORF	HZ	493	296	EP		1653	9.37	-.160							1.0
MORF	HN	493	296	ES		1653	57.75	-.130							1.0
MORF	HN	493	296	IAML		1654	1.67				85	0.3			

**May 11 2021 Hour: 19:36 50.9 Lat: 37.33N Lon: 8.54W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 1.2ML IGL Rms: 0.1 secs**  
**NE MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	254	EP		1936	53.08	-.180							1.0
MORF	HN	10	254	ES		1936	55.160	.150							1.0
MORF	HN	10	254	IAML		1936	55.63				95	0.3			
MESJ	HZ	63	26	EP		1937	1.230	.030							1.0

**May 11 2021 Hour: 23:33 31.2 Lat: 36.58N Lon: 7.71W Depth: 20F Agency: IGL Regional**  
**Magnitudes: 1.0ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	147	342	EP		2333	53.040	.020							1.0
MESJ	HN	147	342	ES		2334	8.91	-.020							1.0
MESJ	HE	147	342	IAML		2334	10.34				2	0.1			

**May 12 2021 Hour: 0:14 1.1 Lat: 35.59N Lon: 8.97W Depth: 32F Agency: IGL Regional**  
**Magnitudes: 3.4ML 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	192	8	EP		014	27.72	-.020							1.0
MORF	HN	192	8	ES		014	47.17	-.040							1.0
MORF	HE	192	8	IAML		014	48.35			556	0.2				
MESJ	HZ	258	15	EP		014	36.02	0.100							1.0
MESJ	HN	258	15	ES		015	1.34	-.030							1.0
MESJ	HN	258	15	IAML		015	3.47			133	0.1				

**May 12 2021 Hour: 0:54 31.1 Lat: 35.46N Lon: 3.66W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 2.0ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		055	36.78	0.12							1.0
MESJ	HN	486	304	ES		056	24.59	0.04							1.0
MESJ	HN	486	304	IAML		056	28.75			3	0.3				
MORF	HZ	492	296	EP		055	37.53	0.02							1.0

**May 12 2021 Hour: 0:58 5.4 Lat: 35.46N Lon: 3.66W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 0.0ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		059	11.10	0.000							1.0

**May 12 2021 Hour: 2:34 48.3 Lat: 35.48N Lon: 3.66W Depth: 1 Agency: IGL Regional**  
**Magnitudes: 0.0Ms 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		235	53.67	-.000							1.0

**May 12 2021 Hour: 6:17 8.8 Lat: 13.33N Lon: 90.34W Depth: 51F Agency: IGL Distant**  
**Magnitudes: 5.4Ms IGL Rms: 0.1 secs**  
**OFFSHORE EL SALVADOR Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8403	55	EP		628	48.16	0.170							1.0
MORF	BZ	8403	55	IAMs_20		659	41.51			1712	13.1				
MESJ	BZ	8435	54	EP		628	49.42	-.170							1.0
MESJ	BZ	8435	54	IAMs_20		7 0	0.53			1537	23.7				

**May 12 2021 Hour: 8:45 46.6 Lat: 13.33N Lon: 90.21W Depth: 46F Agency: IGL Distant**  
**Magnitudes: 5.8Ms IGL Rms: 0.1 secs**  
**OFFSHORE EL SALVADOR Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8333	53	EP		857	22.79	0.160							1.0
GGNV	BE	8333	53	IAMs_20		922	6.00			7375	33.5				
MORF	BZ	8391	55	EP		857	25.68	-.050							1.0
MORF	BZ	8391	55	IAMs_20		928	38.56			5018	19.4				
MESJ	BZ	8423	54	EP		857	27.22	-.110							1.0
MESJ	BZ	8423	54	IAMs_20		928	41.60			3424	13.8				

**May 12 2021 Hour: 11:51 54.6 Lat: 38.60N Lon: 6.72W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 1.5ML IGL Rms: 0.0 secs**  
**SPAIN Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	156	238	EP		1152	19.48	-.010							1.0
MESJ	HE	156	238	ES		1152	37.65	0.010							1.0
MESJ	HN	156	238	IAML		1152	39.08			6	0.2				

May 12 2021 Hour: 12: 3 1.2 Lat: 36.56N Lon: 9.78W Depth: 15F Agency: IGL Regional  
Magnitudes: 2.5ML 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	130	50	EP		12	3	21.32	-	.090					1.0
MORF	HN	130	50	ES		12	3	36.180	0.060						1.0
MORF	HE	130	50	IAML		12	3	37.28		113	0.2				
MESJ	HZ	198	44	EP		12	3	29.78	-	.080					1.0
MESJ	HE	198	44	ES		12	3	50.850	0.110						1.0
MESJ	HN	198	44	IAML		12	3	52.80		26	0.2				

May 12 2021 Hour: 14: 5 16.1 Lat: 17.25S Lon: 66.37E Depth: 10F Agency: IGL Distant  
Magnitudes: 6.3Ms IGL Rms: 0.0 secs

MAURITIUS - REUNION REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9882	310	EP		1418	10.340	0.010							1.0
MESJ	BN	9882	310	ESKSac		1428	39.02	-	.060						1.0
MESJ	BZ	9882	310	IAMs_20		1455	35.51			14992	25.6				
MORF	BZ	9894	310	EP		1418	10.950	0.050							1.0
MORF	BZ	9894	310	IAMs_20		1452	51.74			16621	27.6				

May 12 2021 Hour: 14:17 23.9 Lat: 36.93N Lon: 8.61W Depth: 26F Agency: IGL Regional  
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	355	EP		1417	31.49	-	.070						1.0
MORF	HE	42	355	ES		1417	37.210	0.070							1.0
MORF	HE	42	355	IAML		1417	37.54			42	0.3				
MESJ	HN	107	19	ES		1417	52.16	-	.010						1.0
MESJ	HN	107	19	IAML		1417	52.49			3	0.3				

May 13 2021 Hour: 7:31 2.3 Lat: 36.25N Lon: 8.58W Depth: 12F 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	117	357	EP		731	20.810	0.030							1.0
MESJ	HZ	179	10	EP		731	28.80	-	.030						1.0
MESJ	HE	179	10	ES		731	48.17	-	.010						1.0
MESJ	HN	179	10	IAML		731	49.16			3	0.2				

May 13 2021 Hour: 9:42 12.6 Lat: 6.75N Lon: 82.39W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

SOUTH OF PANAMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BE	8097	52	ES		10	3	7.50	-	.080					1.0
GGNV	BZ	8097	52	IAMs_20		1016	52.95			7808	34.7				
MORF	BZ	8127	53	EP		953	42.930	0.090							1.0
MORF	BE	8127	53	ES		10	3	10.830	0.020						1.0
MORF	BZ	8127	53	IAMs_20		1017	6.73			6253	40.0				
MESJ	BZ	8170	53	EP		953	45.04	-	.020						1.0
MESJ	BE	8170	53	ES		10	3	15.06	-	.020					1.0
MESJ	BZ	8170	53	IAMs_20		1016	53.75			7798	43.8				

May 13 2021 Hour: 10:45 13.1 Lat: 37.78N Lon: 8.30W Depth: 11F Agency: IGL Regional  
Magnitudes: 1.4ML IGL Rms: 0.0 secs

SW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	10	47	EP		1045	15.49	-	.010						1.0
MESJ	HE	10	47	ES		1045	17.260	0.010							1.0
MESJ	HN	10	47	IAML		1045	17.51			73	0.1				
MORF	HZ	61	211	EP		1045	23.190	0.040							1.0
MORF	HN	61	211	ES		1045	30.43	-	.050						1.0
MORF	HN	61	211	IAML		1045	31.40			33	0.2				

**May 13 2021 Hour: 11:7 59.8 Lat: 35.51N Lon: 3.72W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 2.4ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	478	304	EP		11 9	4.39	-.120							1.0
MESJ	HN	478	304	ES		11 9	51.880	.120							1.0
MESJ	HN	478	304	IAML		11 9	55.92			7	0.4				

**May 13 2021 Hour: 12:17 52.9 Lat: 37.83N Lon: 7.28W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 2.2ML IGL Rms: 0.1 secs**  
**SPAIN Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	83	271	EP		1218	6.22	-.010							1.0
MESJ	HE	83	271	ES		1218	15.95	-.030							1.0
MESJ	HE	83	271	IAML		1218	17.89			30	0.1				
MORF	HZ	135	245	EP		1218	14.630	.170							1.0
MORF	HN	135	245	ES		1218	30.09	-.120							1.0
MORF	HN	135	245	IAML		1218	32.85			87	0.0				

**May 13 2021 Hour: 12:45 7.0 Lat: 35.49N Lon: 3.66W Depth: 8F Agency: IGL Regional**  
**Magnitudes: 2.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	304	EP		1246	11.530	.010							1.0

**May 13 2021 Hour: 13:31 33.9 Lat: 15.91S Lon: 177.40W Depth: 416F Agency: IGL Distant**  
**Magnitudes: 2.4ML IGL Rms: 0.0 secs**  
**FIJI REGION Net: CSEM**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17379	22	EPKPdf			1350	38.880	.040							1.0
MESJ	BZ17379	22	EPKPab			1351	9.810	.010							1.0
MORF	BZ17414	23	EPKPdf			1350	39.24	-.060							1.0
MORF	BZ17414	23	EPKPab			1351	11.240	.010							1.0

**May 13 2021 Hour: 23:24 55.9 Lat: 35.50N Lon: 3.69W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 2.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	481	304	EP		2326	0.97	-.000							1.0

**May 13 2021 Hour: 23:58 14.1 Lat: 37.71N Lon: 141.78E Depth: 32F Agency: IGL Distant**  
**Magnitudes: 6.2Ms 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	BZ11049	337	EPP			2415	56.27	-.100							1.0
GGNV	BN11049	337	IAMs_20			2458	33.63			8469	19.4				
MESJ	BZ11106	336	EPdif			2411	55.370	.040							1.0
MESJ	BZ11106	336	EPP			2416	0.360	.050							1.0
MESJ	BZ11106	336	IAMs_20			2458	55.60			8138	18.2				
MORF	BZ11176	336	EPP			2416	5.140	.020							1.0
MORF	BZ11176	336	IAMs_20			2457	48.89			8586	25.6				

**May 14 2021 Hour: 6:33 7.0 Lat: 0.17N Lon: 96.65E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 6.4Ms 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	BZ11312	309	EPdif			646	59.20	-.150							1.0
MESJ	BZ11312	309	EPP			651	9.47	-.040							1.0
MESJ	BE11312	309	ESKSac			657	38.80	-.000							1.0
MESJ	BZ11312	309	IAMs_20			732	59.10			12198	17.8				
MORF	BZ11360	308	EPdif			647	1.400	.110							1.0
MORF	BZ11360	308	EPP			651	12.860	.080							1.0
MORF	BE11360	308	ESKSac			657	40.940	.010							1.0

MORF	BE11360	308	IAMs_20	740	22.51				16540	31.8									
GGNV	BZ11376	310	EPdif	647	1.930	.070													1.0
GGNV	BZ11376	310	EPP	651	13.71	-.090													1.0
GGNV	BZ11376	310	IAMs_20	745	45.31				10875	19.2									

May 14 2021 Hour: 6:43 7.1 Lat: 35.46N Lon: 3.67W Depth: 20F Agency: IGL Regional Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		644	10.65	-.000							1.0

May 14 2021 Hour: 6:55 0.0 Lat: 35.49N Lon: 3.61W Depth: 2F Agency: IGL Regional Rms: 0.1 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		656	5.720	.010							1.0
MESJ	HN	488	304	ES		656	53.60	-.070							1.0
MESJ	HN	488	304	IAML		657	1.93			32	0.2				
MORF	HZ	495	296	EP		656	6.57	-.070							1.0
MORF	HN	495	296	ES		656	55.410	.130							1.0
MORF	HN	495	296	IAML		657	0.61			47	0.3				

May 14 2021 Hour: 7:22 28.5 Lat: 35.48N Lon: 3.59W Depth: 9F Agency: IGL Regional Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	489	304	EP		723	33.600	.000							1.0

May 14 2021 Hour: 10:26 38.6 Lat: 35.49N Lon: 3.61W Depth: 17F Agency: IGL Regional Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		1027	42.75	-.000							1.0

May 14 2021 Hour: 20:18 39.1 Lat: 38.31N Lon: 7.81W Depth: 1F Agency: IGL Regional Rms: 0.1 secs

**W PORTEL, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	63	215	EP		2018	49.450	.120							1.0
MESJ	HE	63	215	ES		2018	56.820	.020							1.0
MESJ	HN	63	215	IAML		2018	57.82			2	0.1				
MORF	HE	134	214	ES		2019	16.34	-.150							1.0
MORF	HE	134	214	IAML		2019	17.11			3	0.2				

May 14 2021 Hour: 21:27 18.0 Lat: 42.15N Lon: 7.47W Depth: 14F Agency: IGL Regional Rms: 0.1 secs

**SPAIN Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	188	EP		2128	21.910	.070							1.0
MESJ	HN	483	188	ES		2129	8.540	.110							1.0
MESJ	HN	483	188	IAML		2129	9.21			3	0.3				
MORF	HZ	547	191	EP		2128	29.730	.030							1.0
MORF	HE	547	191	ES		2129	21.79	-.240							1.0
MORF	HE	547	191	IAML		2129	24.21			10	0.1				

May 14 2021 Hour: 21:35 52.9 Lat: 36.71N Lon: 11.05W Depth: 9F 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	223	72	EP		2136	25.21	-.050							1.0
MORF	HN	223	72	ES		2136	48.910	.060							1.0
MORF	HN	223	72	IAML		2136	50.62			10	0.2				
MESJ	HZ	281	63	EP		2136	32.31	-.020							1.0
MESJ	HE	281	63	ES		2137	1.100	.010							1.0

MESJ HN 281 63 IAML 2137 2.81 3 0.1

**May 15 2021 Hour: 14:51 40.6 Lat: 42.15N Lon: 7.43W Depth: 14F Agency: IGL Regional  
Magnitudes: 2.4ML IGL Rms: 0.1 secs  
SPAIN Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	188	EP		1452	44.500	.050							1.0
MESJ	HN	483	188	ES		1453	31.150	.070							1.0
MESJ	HN	483	188	IAML		1453	31.50		4	0.4					
MORF	HZ	548	191	EP		1452	52.23-	.100							1.0
MORF	HN	548	191	ES		1453	44.69-	.030							1.0
MORF	HE	548	191	IAML		1453	47.40		9	0.3					

**May 15 2021 Hour: 17:20 26.0 Lat: 35.42N Lon: 3.66W 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	488	305	EP		1721	31.770	.030							1.0
MORF	HZ	494	296	EP		1721	32.49-	.030							1.0

**May 15 2021 Hour: 18:38 59.1 Lat: 37.01N Lon: 9.15W Depth: 30F 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	55	53	EP		1839	8.770	.050							1.0
MORF	HE	55	53	ES		1839	15.760	.040							1.0
MORF	HN	55	53	IAML		1839	16.65		14	0.1					
MESJ	HZ	123	42	EP		1839	17.16-	.140							1.0
MESJ	HE	123	42	ES		1839	30.590	.040							1.0
MESJ	HN	123	42	IAML		1839	32.03		2	0.1					

**May 15 2021 Hour: 21:4 34.1 Lat: 36.66N Lon: 8.98W Depth: 22F Agency: IGL Regional  
Magnitudes: 1.6ML IGL Rms: 0.1 secs**

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	77	22	EP		21 4	46.700	.060							1.0
MORF	HE	77	22	ES		21 4	55.860	.070							1.0
MORF	HE	77	22	IAML		21 4	56.64		24	0.1					
MESJ	HZ	147	27	EP		21 4	55.61-	.150							1.0
MESJ	HE	147	27	ES		21 5	11.590	.020							1.0
MESJ	HN	147	27	IAML		21 5	12.52		7	0.2					

**May 15 2021 Hour: 21:55 52.1 Lat: 35.46N Lon: 3.63W Depth: 5F Agency: IGL Regional  
Rms: 0.0 secs**

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		2156	57.520	.020							1.0

**May 16 2021 Hour: 3:23 54.5 Lat: 42.04N Lon: 144.47E Depth: 17F Agency: IGL Distant  
Rms: 0.1 secs**

**HOKKAIDO, JAPAN REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10748	339	EP			337	23.560	.050							1.0
MESJ	BZ10748	339	EPP			341	18.380	.060							1.0
MESJ	BN10748	339	ESKSac			347	59.53-	.110							1.0

**May 16 2021 Hour: 9:48 14.5 Lat: 36.66N Lon: 5.88W Depth: 21F Agency: IGL Regional  
Magnitudes: 2.4ML IGL Rms: 0.1 secs**

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	245	303	EP		948	48.460	.010							1.0
MESJ	HN	245	303	ES		949	13.00-	.230							1.0
MESJ	HN	245	303	IAML		949	14.97		13	0.1					
MORF	HZ	257	287	EP		948	49.970	.050							1.0

MORF HE	257	287	ES		949	15.940	.170										1.0
MORF HN	257	287	IAML		949	17.99				29	0.3						

**May 17 2021 Hour: 0:31 14.5 Lat: 21.71S Lon: 177.14W Depth:258F 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
MORF BZ	17974	30	EPK	p	050	43.76	-.010							1.0

**May 17 2021 Hour: 0:54 1.5 Lat: 37.33N Lon: 56.73E Depth: 10F Agency: IGL Distant Rms: 0.0 secs**

**NORTHEASTERN IRAN Net: NEIC**

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	5615	292	EPP		1	4	55.500	.030						1.0
MORF BZ	5672	291	EP		1	3	3.62	-.060						1.0
MORF BZ	5672	291	IAMB		1	3	5.41			29	1.0			
MORF BZ	5672	291	EPP		1	5	0.200	.030						1.0

**May 18 2021 Hour: 10:34 55.4 Lat: 42.14N Lon: 7.46W Depth: 12F Agency: IGL Regional Rms: 0.0 secs**

**SPAIN Net: MAD**

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HE	482	188	ES		1036	45.960	.020							1.0
MESJ HN	482	188	IAML		1037	17.00				12	0.4			
MORF HZ	546	191	EP		1036	7.15	-.020							1.0

**May 18 2021 Hour: 10:53 14.3 Lat: 36.64N Lon: 7.61W Depth: 22F 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
MORF HZ	119	309	EP		1053	32.40	-.060							1.0
MESJ HN	144	338	ES		1053	51.090	.060							1.0
MESJ HE	144	338	IAML		1053	54.00				3	0.1			

**May 18 2021 Hour: 12:45 17.6 Lat: 36.36N Lon: 4.55W Depth: 69F 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	365	298	EP		1246	5.350	.010							1.0
MESJ HE	365	298	ES		1246	40.13	-.100							1.0
MESJ HN	365	298	IAML		1246	43.88				50	0.1			
MORF HZ	381	287	EP		1246	7.22	-.030							1.0
MORF HN	381	287	ES		1246	43.650	.120							1.0
MORF HE	381	287	IAML		1246	49.92				121	0.2			

**May 18 2021 Hour: 23: 3 25.3 Lat: 42.13N Lon: 7.49W Depth: 12F Agency: IGL Regional Rms: 0.1 secs**

**SPAIN Net: IMP**

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	480	188	EP		23	4	28.90	-.120						1.0
MESJ HN	480	188	ES		23	5	15.650	.120						1.0
MESJ HN	480	188	IAML		23	5	47.43			11	0.3			

**May 18 2021 Hour: 23:57 58.6 Lat: 28.28N Lon: 84.33E Depth: 10F Agency: IGL Distant Rms: 0.0 secs**

**NEPAL Net: NEIC**

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	8356	305	EP		24	9	41.10	-.010						1.0
MESJ BZ	8356	305	IAMB		24	9	46.01			10	0.6			



May 19 2021 Hour: 0:42 21.3 Lat: 33.09S Lon: 109.32W Depth: 10F Agency: IGL Distant  
Magnitudes: 6.6Ms IGL Rms: 0.0 secs

**SOUTHERN EAST PACIFIC RISE Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ12996	61	EPP			1	2	14.620	.030						1.0
MORF	BZ12996	61	IAMs_20			140	2.62			20100	27.8				
GGNV	BZ13015	60	EPP			1	2	15.65-	.040						1.0
GGNV	BZ13015	60	IAMs_20			143	24.74			25701	32.8				
MESJ	BZ13054	61	EPP			1	2	18.170	.000						1.0
MESJ	BZ13054	61	IAMs_20			144	6.92			28990	30.6				

May 19 2021 Hour: 3:31 49.3 Lat: 35.48N Lon: 3.66W Depth: 13F Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	304	EP		332	53.43-	.000							1.0

May 19 2021 Hour: 3:32 32.7 Lat: 35.41N Lon: 3.63W Depth: 24F 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	305	EP		333	36.61-	.010							1.0

May 19 2021 Hour: 11:5 28.6 Lat: 42.13N Lon: 7.49W Depth: 10F Agency: IGL Regional  
Magnitudes: 2.7ML IGL Rms: 0.1 secs

**SPAIN Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	480	188	EP		11	6	32.730	.160						1.0
MESJ	HN	480	188	ES		11	7	19.23-	.010						1.0
MESJ	HN	480	188	IAML		11	7	50.40		21	0.5				
MORF	HZ	545	191	EP		11	6	40.31-	.120						1.0
MORF	HN	545	191	ES		11	7	32.78-	.040						1.0
MORF	HN	545	191	IAML		11	7	34.11		9	0.3				

May 19 2021 Hour: 15:6 54.5 Lat: 28.37S Lon: 63.32W Depth: 599F Agency: IGL Distant  
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

**SANTIAGO DEL ESTERO, ARGENTINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9237	41	EP		1518	18.220	.020							1.0
MORF	BZ	9237	41	IAMB		1518	19.69			35	1.0				
MESJ	BZ	9306	41	EP		1518	21.16-	.020							1.0
MESJ	BZ	9306	41	IAMB		1518	22.28			64	0.8				

May 19 2021 Hour: 22:55 4.8 Lat: 36.27N Lon: 8.46W Depth: 3F Agency: IGL Regional  
Magnitudes: 1.5ML IGL Rms: 0.2 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	352	EP		2255	23.33-	.180							1.0
MORF	HE	116	352	ES		2255	37.370	.180							1.0
MORF	HN	116	352	IAML		2255	39.32			9	0.1				

May 20 2021 Hour: 3:49 15.6 Lat: 35.48N Lon: 3.63W 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	487	304	EP		350	21.530	.120							1.0
MORF	HZ	494	296	EP		350	22.19-	.120							1.0

May 20 2021 Hour: 4:28 2.1 Lat: 37.76N Lon: 9.00W Depth: 19F Agency: IGL Regional  
Magnitudes: 1.3ML IGL Rms: 0.1 secs

SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	149	EP		428	11.73	-.120							1.0
MORF	HN	59	149	ES		428	19.110	.110							1.0
MORF	HN	59	149	IAML		428	21.12			22	0.1				
MESJ	HZ	69	82	EP		428	13.26	-.070							1.0
MESJ	HN	69	82	ES		428	21.650	.090							1.0
MESJ	HN	69	82	IAML		428	22.27			7	0.3				

May 20 2021 Hour: 5:12 3.8 Lat: 36.31N Lon: 8.46W Depth: 1 Agency: IGL Regional  
Magnitudes: 1.9ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	351	EP		512	21.65	-.210							1.0
MORF	HE	112	351	ES		512	35.220	.210							1.0
MORF	HN	112	351	IAML		512	36.74			26	0.1				

May 20 2021 Hour: 11:36 29.0 Lat: 33.99N Lon: 5.43W Depth: 27F Agency: IGL Regional  
Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	496	330	EP		1137	33.24	-.010							1.0

May 20 2021 Hour: 18:27 55.8 Lat: 22.23S Lon: 68.60W Depth: 121F Agency: IGL Distant  
Magnitudes: 5.0Mb IGL Rms: 0.1 secs

ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9099	44	EP		1840	1.29	-.060							1.0
MORF	BZ	9099	44	IAMB		1840	2.31			32	1.1				
MESJ	BZ	9165	44	EP		1840	4.430	.060							1.0
MESJ	BZ	9165	44	IAMB		1840	5.68			27	0.9				

May 20 2021 Hour: 22:35 33.3 Lat: 42.15N Lon: 7.47W Depth: 15F Agency: IGL Regional  
Magnitudes: 3.5ML IGL Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	188	EP		2236	37.07	-.000							1.0
MESJ	HN	483	188	ES		2237	23.59	-.010							1.0
MESJ	HN	483	188	IAML		2237	55.02			72	0.7				
MORF	HZ	547	191	EP		2236	44.89	-.040							1.0
MORF	HN	547	191	ES		2237	37.250	.050							1.0
MORF	HN	547	191	IAML		2238	11.16			98	0.6				

May 21 2021 Hour: 1:37 35.8 Lat: 9.90S Lon: 160.44E Depth: 16F Agency: IGL Distant  
Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16737	342	EPKP			157	26.800	.050							1.0
MORF	BZ16807	342	EPKP			157	28.33	-.050							1.0

May 21 2021 Hour: 2:16 29.3 Lat: 35.52N Lon: 3.65W 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	483	304	EP		217	34.39	-.000							1.0

**May 21 2021 Hour: 11:10 55.8 Lat: 35.45N Lon: 3.65W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 3.1ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	304	EP		1112	1.52	-.010							1.0
MESJ	HN	487	304	ES		1112	49.710	.180							1.0
MESJ	HN	487	304	IAML		1112	53.21			39	0.2				
MORF	HZ	493	296	EP		1112	2.19	-.170							1.0

**May 21 2021 Hour: 11:14 48.2 Lat: 35.56N Lon: 3.69W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 3.1ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	477	303	EP		1115	52.770	.050							1.0
MORF	HZ	485	295	EP		1115	53.67	-.050							1.0

**May 21 2021 Hour: 11:52 4.6 Lat: 35.76N Lon: 3.97W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 3.1ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	444	303	EP		1153	5.10	-.010							1.0
MORF	HZ	453	294	EP		1153	6.250	.010							1.0

**May 21 2021 Hour: 12: 9 23.7 Lat: 8.40S Lon: 112.36E Depth:10FAgency: IGL Distant**  
**Magnitudes: 3.1ML IGL Rms: 0.0 secs**  
**JAVA, INDONESIA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13263	309	EPKp	df		1227	59.76	-.020							1.0
MORF	BZ13314	308	EPKp	df		1228	0.730	.020							1.0

**May 21 2021 Hour: 18: 4 14.4 Lat: 34.59N Lon: 98.25E Depth: 10FAgency: IGL Distant**  
**Magnitudes: 7.7Ms IGL Rms: 0.1 secs**  
**SOUTHERN QINGHAI, CHINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8984	310	EP		1816	28.37	-.070							1.0
MESJ	BE	8984	310	ES		1826	37.360	.120							1.0
MESJ	BN	8984	310	IAMs_20		1849	20.31			320000	17.8				
GGNV	BZ	8991	311	EP		1816	28.780	.080							1.0
GGNV	BE	8991	311	ES		1826	37.67	-.090							1.0
GGNV	BN	8991	311	IAMs_20		1848	1.67			534000	33.5				
MORF	BZ	9050	309	EP		1816	31.700	.030							1.0
MORF	BN	9050	309	ES		1826	43.47	-.070							1.0
MORF	BN	9050	309	IAMs_20		1849	53.36			447000	23.5				

**May 21 2021 Hour: 22:13 18.3 Lat: 16.60S Lon: 177.35W Depth: 10FAgency: IGL Distant**  
**Magnitudes: 6.9Ms 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
MESJ	BZ17448	22	EPKp	df		2233	13.140	.040							1.0
MESJ	BZ17448	22	IAMs_20			2334	25.49			22648	23.0				
MORF	BZ17482	24	EPKp	df		2233	13.51	-.040							1.0
MORF	BZ17482	24	IAMs_20			2331	57.11			24300	34.9				

**May 21 2021 Hour: 22:30 45.2 Lat: 36.41N Lon: 9.89W Depth: 23FAgency: 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	148	48	EP		2231	7.230	.010							1.0
MORF	HN	148	48	ES		2231	23.310	.020							1.0
MORF	HE	148	48	IAML		2231	25.70			11	0.3				
MESJ	HZ	217	43	EP		2231	15.62	-.120							1.0
MESJ	HN	217	43	ES		2231	38.110	.090							1.0
MESJ	HN	217	43	IAML		2231	39.47			2	0.2				

May 22 2021 Hour: 2:35 22.5 Lat: 35.51N 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	482	304	EP		236	27.670	.000							1.0

May 22 2021 Hour: 16:21 33.8 Lat: 39.06N Lon: 11.16W Depth: 35F Agency: IGL Regional  
Magnitudes: 2.2ML 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
MESJ	HZ	290	117	EP		1622	10.300	.030							1.0
MESJ	HN	290	117	ES		1622	37.010	.080							1.0
MESJ	HN	290	117	IAML		1622	39.92			5	0.1				
MORF	HZ	294	131	EP		1622	10.830	.090							1.0
MORF	HE	294	131	ES		1622	37.54	-.200							1.0
MORF	HE	294	131	IAML		1622	40.01			24	0.1				

May 23 2021 Hour: 6:18 40.5 Lat: 35.37N Lon: 3.69W Depth: 2F 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		619	46.32	-.060							1.0
MESJ	HN	489	305	ES		620	34.540	.080							1.0
MESJ	HN	489	305	IAML		620	40.32			48	0.5				
MORF	HZ	495	297	EP		619	47.02	-.030							1.0

May 23 2021 Hour: 6:22 22.5 Lat: 35.42N Lon: 3.65W 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	489	305	EP		623	28.400	.020							1.0

May 23 2021 Hour: 6:24 2.3 Lat: 35.63N Lon: 3.69W Depth: 0 Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	473	303	EP		625	6.37	-.010							1.0

May 23 2021 Hour: 6:42 15.9 Lat: 35.44N Lon: 3.70W 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	484	305	EP		643	21.270	.000							1.0

May 23 2021 Hour: 7:38 21.4 Lat: 35.40N Lon: 3.69W Depth: 5F Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	305	EP		739	26.67	-.010							1.0

May 24 2021 Hour: 4:25 48.9 Lat: 36.70N Lon: 12.92W 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	386	79	EP		426	36.79	-0.33							1.0
MORF	HE	386	79	ES		427	12.55	0.24							1.0
MORF	HN	386	79	IAML		427	15.19			14	0.2				
MESJ	HZ	436	72	EP		426	43.28	0.09							1.0

**May 24 2021 Hour: 4:35 16.0 Lat: 36.58N Lon: 6.97W Depth: 32F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	178	322	EP		435	40.940	.010							1.0
MESJ	HN	178	322	IAML		436	0.22			1	0.1				
MESJ	HE	178	322	ES		435	59.11	-.010							1.0

**May 24 2021 Hour: 6:53 56.6 Lat: 35.50N Lon: 3.68W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	481	304	EP		655	1.230	.000							1.0

**May 24 2021 Hour: 14:52 24.7 Lat: 35.74N Lon: 4.69W Depth: 89F Agency: IGL Regional**  
**Magnitudes: 2.1ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	392	307	EP		1453	15.570	.060							1.0
MESJ	HE	392	307	ES		1453	52.610	.040							1.0
MESJ	HE	392	307	IAML		1453	55.65			5	0.1				
MORF	HZ	395	297	EP		1453	15.83	-.100							1.0

**May 24 2021 Hour: 17:35 4.0 Lat: 37.21N Lon: 8.54W Depth: 18F 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	15	316	EP		1735	7.49	-.230							1.0
MORF	HN	15	316	ES		1735	10.520	.080							1.0
MORF	HN	15	316	IAML		1735	11.32			61	0.1				
MESJ	HZ	75	22	EP		1735	16.290	.130							1.0
MESJ	HN	75	22	ES		1735	25.080	.040							1.0
MESJ	HN	75	22	IAML		1735	26.53			12	0.1				

**May 25 2021 Hour: 1:26 8.2 Lat: 37.29N Lon: 8.59W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 0.4ML 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	6	286	EP		126	10.09	-.020							1.0
MORF	HE	6	286	ES		126	11.550	.020							1.0
MORF	HN	6	286	IAML		126	11.83			24	0.1				

**May 25 2021 Hour: 1:26 26.6 Lat: 37.55N Lon: 9.12W Depth: 7F Agency: IGL Regional**  
**Magnitudes: 2.0ML 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	50	123	EP		126	34.67	-.040							1.0
MORF	HE	50	123	ES		126	40.57	-.040							1.0
MORF	HN	50	123	IAML		126	42.35			200	0.3				
MESJ	HZ	86	68	EP		126	40.580	.090							1.0
MESJ	HE	86	68	ES		126	50.59	-.010							1.0
MESJ	HN	86	68	IAML		126	54.01			21	0.3				

**May 25 2021 Hour: 11:15 40.0 Lat: 36.09N Lon: 8.14W Depth: 32F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	142	341	EP		1116	0.510	.030							1.0
MORF	HE	142	341	ES		1116	15.26	-.160							1.0
MORF	HE	142	341	IAML		1116	15.92			5	0.1				
MESJ	HZ	194	358	EP		1116	7.010	.110							1.0
MESJ	HN	194	358	ES		1116	26.560	.030							1.0
MESJ	HN	194	358	IAML		1116	27.63			3	0.2				

**May 26 2021 Hour: 1:49 39.7 Lat: 37.17N Lon: 8.57W Depth: 7F Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.0 secs**  
**NW PORTIMAO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	334	EP		149	42.64	-.040							1.0
MORF	HN	17	334	ES		149	44.870	.040							1.0
MORF	HN	17	334	IAML		149	45.10			10	0.1				

**May 26 2021 Hour: 8:19 38.8 Lat: 36.66N Lon: 7.55W Depth: 21F Agency: IGL Regional**  
**Magnitudes: 1.1ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	144	336	EP		820	0.01	-.070							1.0
MESJ	HN	144	336	ES		820	15.700	.070							1.0
MESJ	HE	144	336	IAML		820	17.51			3	0.1				

**May 26 2021 Hour: 10:36 58.2 Lat: 35.45N Lon: 3.65W Depth: 0 Agency: IGL Regional**  
**Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	304	EP		1038	3.88	-.010							1.0
MORF	HZ	493	296	EP		1038	4.740	.010							1.0

**May 26 2021 Hour: 10:56 8.5 Lat: 35.48N Lon: 3.65W 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		1057	14.120	.140							1.0
MORF	HZ	492	296	EP		1057	14.74	-.140							1.0

**May 26 2021 Hour: 18:28 14.5 Lat: 35.49N Lon: 3.61W Depth: 15F Agency: IGL Regional**  
**Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR NET: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		1829	18.85	-.020							1.0

**May 27 2021 Hour: 1:54 38.5 Lat: 38.52N Lon: 8.04W Depth: 6F Agency: IGL Regional**  
**Magnitudes: 0.5ML IGL Rms: 0.1 secs**  
**SW EVORA, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	77	192	EP		154	51.060	.040							1.0
MESJ	HE	77	192	ES		155	0.05	-.090							1.0
MESJ	HN	77	192	IAML		155	1.44			2	0.1				
MORF	HZ	145	202	EP		155	1.510	.050							1.0

**May 27 2021 Hour: 4:53 29.9 Lat: 35.56N Lon: 3.64W 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	481	303	EP		454	34.950	.010							1.0

**May 27 2021 Hour: 19:37 30.8 Lat: 36.82N Lon: 11.19W Depth: 32F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.1 secs**  
**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	232	76	EP		1938	2.450	.080							1.0
MORF	HN	232	76	ES		1938	25.36	-.080							1.0
MORF	HN	232	76	IAML		1938	26.57			2	0.1				

May 27 2021 Hour: 19:47 5.5 Lat: 35.48N 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	487	304	EP		1948	10.38	-.000							1.0

May 27 2021 Hour: 22:55 43.2 Lat: 35.41N Lon: 3.65W Depth: 0 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		2256	49.410	.130							1.0
MESJ	HN	489	305	ES		2257	37.600	.120							1.0
MESJ	HN	489	305	IAML		2257	40.96			36	0.5				
MORF	HZ	495	297	EP		2256	49.92	-.130							1.0
MORF	HE	495	297	ES		2257	38.70	-.120							1.0
MORF	HN	495	297	IAML		2257	42.24			46	0.3				

May 27 2021 Hour: 22:57 51.6 Lat: 35.45N Lon: 3.67W Depth: 0 Agency: IGL Regional  
Magnitudes: 2.4ML IGL Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		2258	57.22	-.030							1.0
MESJ	HN	486	304	ES		2259	45.200	.030							1.0
MESJ	HN	486	304	IAML		2259	48.55			8	0.3				

May 28 2021 Hour: 0:53 40.9 Lat: 36.39N Lon: 9.04W Depth: 6F 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	107	19	EP		053	58.13	-.040							1.0
MORF	HE	107	19	ES		054	10.900	.120							1.0
MORF	HN	107	19	IAML		054	13.11			24	0.2				
MESJ	HZ	177	24	EP		054	7.61	-.080							1.0

May 28 2021 Hour: 3:19 51.4 Lat: 35.37N Lon: 3.67W Depth: 12F 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	491	305	EP		320	56.530	.120							1.0
MORF	HZ	496	297	EP		320	56.98	-.120							1.0

May 28 2021 Hour: 4:10 56.8 Lat: 35.13N Lon: 12.75W Depth: 32F Agency: IGL Regional  
Magnitudes: 2.3ML IGL Rms: 0.0 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	440	56	EP		411	51.66	-.070							1.0
MORF	HN	440	56	ES		412	31.900	.070							1.0
MORF	HN	440	56	IAML		412	35.04			7	0.1				

May 28 2021 Hour: 4:34 7.7 Lat: 36.96N Lon: 8.80W Depth: 12F Agency: IGL Regional  
Magnitudes: 0.8ML IGL Rms: 0.1 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	19	EP		434	14.50	-.020							1.0
MORF	HN	40	19	ES		434	19.40	-.090							1.0
MORF	HN	40	19	IAML		434	19.82			6	0.2				
MESJ	HN	110	28	ES		434	37.910	.120							1.0
MESJ	HN	110	28	IAML		434	38.36			2	0.2				

**May 28 2021 Hour: 6:33 4.1 Lat: 35.45N Lon: 3.60W 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 491 304 EP 634 10.510.130 1.0  
 MESJ HN 491 304 ES 634 58.790.030 1.0  
 MESJ HN 491 304 IAML 635 1.99 16 0.4  
 MORF HZ 498 296 EP 634 11.10-.160 1.0

**May 28 2021 Hour: 12:14 27.6 Lat: 35.62N Lon: 2.90W Depth: 7F Agency: IGL Regional**  
**Magnitudes: 3.4ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 535 299 EP 1215 38.550.140 1.0  
 MORF HZ 548 292 EP 1215 39.88-.170 1.0  
 MORF HN 548 292 ES 1216 32.970.030 1.0  
 MORF HE 548 292 IAML 1216 37.84 53 0.2

**May 28 2021 Hour: 16:35 38.6 Lat: 36.75N Lon: 8.32W Depth: 6F 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 68 334 EP 1635 49.680.060 1.0  
 MORF HN 68 334 ES 1635 57.59-.110 1.0  
 MORF HN 68 334 IAML 1636 0.42 49 0.1  
 MESJ HN 121 4 ES 1636 12.140.050 1.0  
 MESJ HN 121 4 IAML 1636 14.35 23 0.2

**May 29 2021 Hour: 5:21 17.9 Lat: 35.48N Lon: 3.67W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 0.0ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 484 304 EP 522 23.250.000 1.0

**May 29 2021 Hour: 7:5 56.7 Lat: 38.04N Lon: 8.95W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 1.8ML IGL Rms: 0.1 secs**  
**NW SINES, PORTUGAL Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 68 109 EP 7 6 7.65-.110 1.0  
 MESJ HE 68 109 ES 7 6 15.990.140 1.0  
 MESJ HN 68 109 IAML 7 6 19.81 22 0.2  
 MORF HZ 86 162 EP 7 6 10.36-.120 1.0  
 MORF HE 86 162 ES 7 6 20.640.090 1.0  
 MORF HN 86 162 IAML 7 6 23.33 50 0.3

**May 29 2021 Hour: 17:26 37.9 Lat: 36.62N Lon: 7.18W Depth: 18F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 164 326 EP 1727 1.90-.060 1.0  
 MESJ HN 164 326 ES 1727 19.580.060 1.0  
 MESJ HN 164 326 IAML 1727 19.80 1 0.2

**May 29 2021 Hour: 23:31 25.6 Lat: 35.23N Lon: 5.92W Depth: 43F Agency: IGL Regional**  
**Magnitudes: 0.0ML IGL Rms: 0.0 secs**  
**MOROCCO Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 355 325 EP 2332 12.240.000 1.0



May 30 2021 Hour: 0:17 57.1 Lat: 35.46N Lon: 3.65W Depth: 18F Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		019	0.980	.000							1.0

May 30 2021 Hour: 3:55 14.6 Lat: 18.12S Lon: 178.23W Depth: 531F 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	BZ17638		22	EPKP		414	49.510	.020							1.0
MORF	BZ17673		24	EPKP		414	50.90-	.020							1.0

May 30 2021 Hour: 6:39 1.7 Lat: 38.49N Lon: 7.72W Depth: 6F Agency: IGL Regional  
Magnitudes: 1.3ML IGL Rms: 0.1 secs

**NW REGUENGOS DE MONSARAZ, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	84	211	EP		639	15.450	.110							1.0
MESJ	HN	84	211	ES		639	25.20-	.110							1.0
MESJ	HN	84	211	IAML		639	26.66			10	0.2				

May 30 2021 Hour: 14:35 18.7 Lat: 36.97N Lon: 8.79W Depth: 27F Agency: IGL Regional  
Magnitudes: 0.6ML 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	39	18	EP		1435	26.04-	.020							1.0
MORF	HE	39	18	ES		1435	31.450	.020							1.0
MORF	HE	39	18	IAML		1435	32.33			4	0.1				

May 30 2021 Hour: 18: 5 41.2 Lat: 36.59N Lon: 9.79W Depth: 12F 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	129	52	EP		18 6	1.360	.000							1.0
MORF	HE	129	52	ES		18 6	16.110	.020							1.0
MORF	HN	129	52	IAML		18 6	16.87			5	0.1				
MESJ	HZ	197	45	EP		18 6	9.81-	.020							1.0

May 31 2021 Hour: 2:53 24.6 Lat: 35.51N Lon: 3.63W Depth: 1 Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		254	29.97-	.040							1.0
MORF	HZ	493	295	EP		254	31.000	.040							1.0

May 31 2021 Hour: 4:25 41.1 Lat: 35.43N Lon: 3.64W Depth: 1F 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	489	304	EP		426	47.010	.070							1.0
MORF	HZ	495	296	EP		426	47.68-	.070							1.0

May 31 2021 Hour: 6:59 55.0 Lat: 62.47N Lon: 148.23W Depth: 61F Agency: IGL Distant  
Magnitudes: 6.1Mb 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	8208	32	EP		711	23.220	.170							1.0
GGNV	BZ	8208	32	IAMB		711	26.24			181	0.6				
GGNV	BE	8208	32	ES		720	50.26-	.090							1.0
MESJ	BZ	8326	32	EP		711	29.17-	.070							1.0
MESJ	BZ	8326	32	IAMB		711	31.60			211	1.4				
MESJ	BE	8326	32	ES		721	2.25-	.010							1.0
MORF	BZ	8370	32	EP		711	31.760	.150							1.0

MORF BZ 8370 32 IAMB 711 34.53 253 1.0  
MORF BE 8370 32 ES 721 6.69-.130 1.0

**May 31 2021 Hour: 10: 9 58.0 Lat: 37.31N Lon: 8.55W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 0.5ML IGL Rms: 0.1 secs**

**E MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	266	EP		1010	0.01	-.210							1.0
MORF	HE	9	266	ES		1010	2.020	.150							1.0
MORF	HN	9	266	IAML		1010	2.32		22	0.1					
MESJ	HZ	66	26	EP		1010	8.740	.060							1.0

**May 31 2021 Hour: 13:36 59.1 Lat: 36.90N Lon: 11.04W Depth: 27F Agency: IGL Regional**  
**Magnitudes: 1.5ML IGL Rms: 0.1 secs**

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	217	77	EP		1337	28.93	-.160							1.0
MORF	HN	217	77	ES		1337	50.96	-.020							1.0
MORF	HN	217	77	IAML		1337	52.44		7	0.3					
MESJ	HZ	271	66	EP		1337	35.990	.250							1.0
MESJ	HN	271	66	ES		1338	2.42	-.060							1.0
MESJ	HN	271	66	IAML		1338	3.83		1.00	0.1					

**May 31 2021 Hour: 22:23 28.6 Lat: 36.29N Lon: 8.20W Depth: 9F 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	120	340	EP		2223	47.660	.070							1.0
MESJ	HZ	172	359	EP		2223	54.40	-.110							1.0
MESJ	HN	172	359	ES		2224	13.460	.040							1.0
MESJ	HN	172	359	IAML		2224	15.22		2	0.2					

**June 1 2021 Hour: 1: 2 29.2 Lat: 37.35N Lon: 8.85W Depth: 2F Agency: IGL Regional**  
**Magnitudes: 0.2ML 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	18	106	EP		1 2	32.300	.090							1.0
MORF	HE	18	106	ES		1 2	34.29	-.090							1.0
MORF	HN	18	106	IAML		1 2	35.35		7	0.1					

**June 1 2021 Hour: 2:21 10.6 Lat: 36.66N Lon: 9.79W Depth: 14F 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	124	54	EP		221	29.99	-.130							1.0
MORF	HN	124	54	ES		221	44.410	.070							1.0
MORF	HN	124	54	IAML		221	45.77		3	0.1					
MESJ	HZ	191	46	EP		221	38.41	-.040							1.0
MESJ	HN	191	46	ES		221	58.850	.110							1.0
MESJ	HN	191	46	IAML		221	59.76		0.80	0.2					

**June 1 2021 Hour: 6:13 20.1 Lat: 35.46N Lon: 3.67W Depth: 1 Agency: IGL Regional**  
**Magnitudes: 2.6ML IGL Rms: 0.1 secs**

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		614	25.610	.170							1.0
MESJ	HE	485	304	ES		615	13.11	-.050							1.0
MESJ	HE	485	304	IAML		615	16.74		12	0.5					
MORF	HZ	492	296	EP		614	26.17	-.120							1.0

**June 1 2021 Hour: 6:30 26.2 Lat: 35.38N Lon: 3.68W Depth: 1 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 489 305 EP 631 32.05-.080 1.0  
 MESJ HN 489 305 ES 632 20.23-.010 1.0  
 MESJ HN 489 305 IAML 632 23.21 8 0.5  
 MORF HZ 495 297 EP 631 32.930.100 1.0

**June 1 2021 Hour: 8:23 52.3 Lat: 35.43N Lon: 3.66W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 0.0ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 487 305 EP 824 57.17-.000 1.0

**June 1 2021 Hour: 9:17 4.0 Lat: 36.55N Lon: 7.24W Depth: 22F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 167 329 EP 917 28.11-.030 1.0  
 MESJ HN 167 329 ES 917 45.820.030 1.0  
 MESJ HN 167 329 IAML 917 48.21 4 0.1

**June 1 2021 Hour: 10:1 6.8 Lat: 36.88N Lon: 8.61W Depth: 24F 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 47 355 EP 10 1 15.090.000 1.0  
 MORF HN 47 355 ES 10 1 21.13-.000 1.0  
 MORF HN 47 355 IAML 10 1 21.97 4 0.2

**June 1 2021 Hour: 10:46 57.7 Lat: 36.73N Lon: 8.32W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.2 secs**  
**WEST OF GIBRALTAR Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MORF HZ 70 335 EP 1047 8.81-.300 1.0  
 MORF HN 70 335 ES 1047 17.600.170 1.0  
 MORF HN 70 335 IAML 1047 19.40 11 0.1  
 MESJ HZ 123 4 EPg 1047 17.800.100 1.0  
 MESJ HE 123 4 ES 1047 31.370.030 1.0  
 MESJ HN 123 4 IAML 1047 33.34 6 0.2

**June 1 2021 Hour: 11:20 57.4 Lat: 5.04N Lon: 82.70W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.5Mb IGL Rms: 0.1 secs**  
**SOUTH OF PANAMA Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MORF BZ 8268 53 EP 1132 35.09-.030 1.0  
 MORF BZ 8268 53 IAmb 1132 38.40 127 1.4  
 MESJ BZ 8312 52 EP 1132 37.26-.100 1.0  
 MESJ BZ 8312 52 IAmb 1132 41.00 40 1.4  
 MESJ BE 8312 52 ES 1142 14.430.140 1.0

**June 1 2021 Hour: 12:42 4.0 Lat: 21.47S Lon: 66.71W Depth: 207F Agency: IGL Distant**  
**Magnitudes: 4.6Mb IGL Rms: 0.1 secs**  
**POTOSI, BOLIVIA Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MORF BZ 8903 43 EP 1253 50.620.040 1.0  
 MORF BZ 8903 43 IAmb 1253 51.52 16 1.0  
 MESJ BZ 8969 43 EP 1253 53.730.050 1.0  
 MESJ BZ 8969 43 IAmb 1253 55.19 15 1.3  
 MESJ BE 8969 43 ES 13 3 43.65-.100 1.0

**June 1 2021 Hour: 21:35 57.6 Lat: 36.87N Lon: 8.60W Depth: 27F Agency: IGL Regional**  
**Magnitudes: 0.4ML 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	48	354	EP		2136	6.13	-.050							1.0
MORF	HN	48	354	ES		2136	12.490	.050							1.0
MORF	HN	48	354	IAML		2136	13.25			2	0.1				

**June 2 2021 Hour: 0:23 28.9 Lat: 36.78N Lon: 9.69W Depth: 15F Agency: IGL Regional**  
**Magnitudes: 1.4ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	57	EP		023	46.280	.160							1.0
MORF	HN	109	57	ES		023	58.720	.020							1.0
MORF	HN	109	57	IAML		024	0.59			8	0.1				
MESJ	HZ	176	47	EP		023	54.46	-.200							1.0

**June 2 2021 Hour: 5:15 6.6 Lat: 37.29N Lon: 8.43W Depth: 24F Agency: IGL Regional**  
**Magnitudes: 0.3ML IGL Rms: 0.1 secs**  
**NE SILVES, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	20	275	EP		515	11.34	-.130							1.0
MORF	HE	20	275	ES		515	15.200	.130							1.0
MORF	HN	20	275	IAML		515	15.66			4	0.2				

**June 2 2021 Hour: 19:38 59.8 Lat: 36.33N Lon: 7.94W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	125	330	ES		1939	33.51	-.010							1.0
MORF	HN	125	330	IAML		1939	34.11			6	0.1				
MESJ	HZ	169	352	EP		1939	24.63	-.090							1.0
MESJ	HE	169	352	ES		1939	43.010	.100							1.0
MESJ	HE	169	352	IAML		1939	44.60			2	0.1				

**June 3 2021 Hour: 5:55 18.3 Lat: 34.72N Lon: 97.84E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.4Mb IGL Rms: 0.1 secs**  
**SOUTHERN QINGHAI, CHINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8946	310	EP		6 7	30.550	.070							1.0
MESJ	BZ	8946	310	IAMB		6 7	32.19			25	0.8				
MORF	BZ	9012	309	EP		6 7	33.65	-.070							1.0
MORF	BZ	9012	309	IAMB		6 7	36.18			74	1.5				

**June 3 2021 Hour: 8:28 45.1 Lat: 35.54N Lon: 3.75W Depth: 2F Agency: IGL Regional**  
**Magnitudes: 0.0ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	474	304	EP		829	49.070	.000							1.0

**June 3 2021 Hour: 15: 6 11.5 Lat: 38.13N Lon: 22.02E Depth: 51F Agency: IGL Distant**  
**Magnitudes: 4.7Mb 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	2645	279	EP		1511	19.510	.010							1.0
MESJ	BZ	2645	279	IAMB		1511	21.14			21	0.8				

June 3 2021 Hour: 16:24 11.0 Lat: 35.71N Lon: 3.71W 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	467	302	EP		1625	14.400	.000							1.0

June 3 2021 Hour: 17:38 43.6 Lat: 36.09N Lon: 12.24W Depth: 2F 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	348	66	EP		1739	27.53	-.030							1.0
MORF	HN	348	66	ES		1739	59.710	.030							1.0
MORF	HN	348	66	IAML		1740	1.38			14	0.4				

June 3 2021 Hour: 19:54 11.1 Lat: 35.44N 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		1955	16.52	-.000							1.0

June 3 2021 Hour: 22: 4 25.9 Lat: 37.32N Lon: 8.52W Depth: 7F Agency: IGL Regional  
Magnitudes: 2.3ML IGL Rms: 0.1 secs

**E MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	262	EP		22 4	27.88	-.250							1.0
MORF	HN	12	262	ES		22 4	29.820	.030							1.0
MORF	HN	12	262	IAML		22 4	30.80			2291	0.1				
MESJ	HZ	63	25	EP		22 4	36.240	.080							1.0
MESJ	HN	63	25	ES		22 4	43.830	.150							1.0
MESJ	HN	63	25	IAML		22 4	47.76			67	0.2				

June 3 2021 Hour: 22:39 50.6 Lat: 38.15N Lon: 8.68W Depth: 1 Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.1 secs

**E MELIDES, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	53	130	EP		2239	59.13	-.020							1.0
MESJ	HE	53	130	ES		2240	5.550	.150							1.0
MESJ	HE	53	130	IAML		2240	8.83			3	0.2				
MORF	HN	94	179	ES		2240	16.65	-.130							1.0
MORF	HE	94	179	IAML		2240	17.14			11	0.2				

June 4 2021 Hour: 11:25 57.0 Lat: 37.16N Lon: 8.61W Depth: 20F Agency: IGL Regional  
Magnitudes: 1.0ML IGL Rms: 0.1 secs

**NW PORTIMAO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	347	EP		1126	1.00	-.160							1.0
MORF	HN	16	347	ES		1126	4.18	-.000							1.0
MORF	HE	16	347	IAML		1126	4.45			27	0.1				
MESJ	HZ	83	24	EP		1126	10.520	.170							1.0

June 5 2021 Hour: 6:16 1.5 Lat: 37.37N Lon: 8.53W Depth: 15F Agency: IGL Regional  
Magnitudes: 1.6ML 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	13	236	EP		616	4.56	-.180							1.0
MORF	HE	13	236	ES		616	7.130	.030							1.0
MORF	HE	13	236	IAML		616	7.93			378	0.1				
MESJ	HZ	59	28	EP		616	11.280	.160							1.0
MESJ	HN	59	28	ES		616	18.13	-.010							1.0
MESJ	HN	59	28	IAML		616	19.92			15	0.1				

June 5 2021 Hour: 6:35 22.8 Lat: 36.60N Lon: 9.80W 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	HZ	129	52	EP		635	43.170	.050							1.0
MORF	HN	129	52	ES		635	58.010	.040							1.0
MORF	HN	129	52	IAML		635	59.50			5	0.1				
MESJ	HZ	196	45	EP		635	51.56	-.140							1.0
MESJ	HN	196	45	ES		636	12.880	.050							1.0
MESJ	HN	196	45	IAML		636	14.96			1	0.2				

June 5 2021 Hour: 20:12 58.1 Lat: 36.59N Lon: 9.73W Depth: 10F 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	124	50	EP		2013	17.77	-.010							1.0
MORF	HN	124	50	ES		2013	32.170	.040							1.0
MORF	HN	124	50	IAML		2013	34.28			5	0.1				
MESJ	HZ	193	44	EP		2013	26.46	-.050							1.0
MESJ	HN	193	44	ES		2013	47.250	.020							1.0
MESJ	HN	193	44	IAML		2013	49.59			1.00	0.2				

June 6 2021 Hour: 1:20 32.2 Lat: 35.74N Lon: 4.74W Depth: 83F Agency: IGL Regional  
Magnitudes: 1.6ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Ne: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	388	308	EP		121	22.52	-.000							1.0
MESJ	HN	388	308	ES		121	59.260	.000							1.0
MESJ	HN	388	308	IAML		122	1.56			2	0.2				

June 6 2021 Hour: 8:0 2.0 Lat: 36.49N Lon: 9.90W Depth: 30F 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	143	51	EP		8 0	22.710	.100							1.0
MORF	HN	143	51	ES		8 0	37.56	-.120							1.0
MORF	HN	143	51	IAML		8 0	38.57			11	0.0				
MESJ	HZ	211	44	EP		8 0	31.04	-.000							1.0
MESJ	HE	211	44	ES		8 0	52.280	.020							1.0
MESJ	HE	211	44	IAML		8 0	54.01			3	0.1				

June 6 2021 Hour: 12:19 19.3 Lat: 37.19N Lon: 15.71W Depth: 15F Agency: IGL Regional  
Magnitudes: 2.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	626	87	EP		1220	37.000	.020							1.0
MORF	HE	626	87	ES		1221	33.45	-.220							1.0
MORF	HN	626	87	IAML		1221	38.59			14	0.2				
MESJ	HZ	666	82	EP		1220	42.020	.210							1.0

June 6 2021 Hour: 19:30 42.2 Lat: 35.50N Lon: 3.67W Depth: 6F Agency: IGL Regional  
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	483	304	EP		1931	46.780	.000							1.0

June 6 2021 Hour: 23:16 40.1 Lat: 27.69S Lon: 176.27W 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	BZ18312	41	EPKpdf			2336	43.50	-.030							1.0
MESJ	BZ18438	42	EPKpdf			2336	44.610	.080							1.0
MORF	BZ18447	44	EPKpdf			2336	44.61	-.050							1.0

June 7 2021 Hour: 3:10 18.5 Lat: 38.54N Lon: 8.19W Depth: 14F Agency: IGL Regional  
Magnitudes: 0.5ML IGL Rms: 0.1 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	78	182	EP		310	31.100	.100							1.0
MESJ	HN	78	182	ES		310	40.00	-.100							1.0
MESJ	HN	78	182	IAML		310	40.49			2	0.3				

June 7 2021 Hour: 3:30 13.8 Lat: 35.45N Lon: 3.67W Depth: 0 Agency: IGL Regional  
Magnitudes: 2.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		331	19.34	-.060							1.0
MESJ	HN	486	304	ES		332	7.440	.150							1.0
MESJ	HN	486	304	IAML		332	10.55			10	0.3				
MORF	HZ	492	296	EP		331	20.03	-.190							1.0
MORF	HN	492	296	ES		332	8.810	.100							1.0
MORF	HN	492	296	IAML		332	12.18			16	0.3				

June 7 2021 Hour: 8:22 12.4 Lat: 36.77N Lon: 9.63W Depth: 17F 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	105	55	EP		822	28.84	-.190							1.0
MORF	HN	105	55	ES		822	41.370	.170							1.0
MORF	HN	105	55	IAML		822	42.36			13	0.1				
MESJ	HN	172	46	ES		822	56.010	.030							1.0
MESJ	HN	172	46	IAML		822	56.67			1	0.2				

June 7 2021 Hour: 13:31 5.8 Lat: 35.44N Lon: 3.63W Depth: 9F Agency: IGL Regional  
Magnitudes: 2.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	489	304	EP		1332	11.030	.120							1.0
MESJ	HE	489	304	ES		1332	58.37	-.080							1.0
MESJ	HN	489	304	IAML		1333	2.43			17	0.4				
MORF	HZ	496	296	EP		1332	11.70	-.040							1.0

June 8 2021 Hour: 0:26 8.3 Lat: 35.47N Lon: 3.65W Depth: 10F Agency: IGL Regional  
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		027	12.860	.000							1.0

June 8 2021 Hour: 5: 0 32.0 Lat: 0.43N Lon: 123.66E Depth: 189F Agency: IGL Distant  
Rms: 0.0 secs

MINAHASA, SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13537	316	EPK	pdf		519	2.850	.010							1.0

June 8 2021 Hour: 23:38 6.4 Lat: 36.72N Lon: 7.14W Depth: 19F Agency: IGL Regional  
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	149	296	EP		2338	28.820	.160							1.0
MORF	HE	149	296	ES		2338	44.84	-.040							1.0
MORF	HN	149	296	IAML		2338	45.67			64	0.1				
MESJ	HZ	157	323	EP		2338	29.44	-.110							1.0
MESJ	HN	157	323	ES		2338	46.42	-.010							1.0
MESJ	HN	157	323	IAML		2338	48.17			19	0.2				

**June 8 2021 Hour: 23:56 37.3 Lat: 37.34N Lon: 8.57W Depth: 17F Agency: IGL Regional**  
**Magnitudes: 0.8ML IGL Rms: 0.0 secs**  
**NW MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	242	EP		2356	40.360	.010							1.0
MORF	HN	8	242	ES		2356	42.59	-.010							1.0
MORF	HN	8	242	IAML		2356	42.97			24	0.2				

**June 9 2021 Hour: 4: 6 15.7 Lat: 36.59N Lon: 7.12W Depth: 22F Agency: IGL Regional**  
**Magnitudes: 1.6ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	158	301	EP		4 6	38.720	.000							1.0
MORF	HE	158	301	ES		4 6	55.49	-.020							1.0
MORF	HN	158	301	IAML		4 6	56.57			13	0.3				
MESJ	HZ	170	325	EP		4 6	40.12	-.020							1.0
MESJ	HE	170	325	ES		4 6	58.000	.040							1.0
MESJ	HN	170	325	IAML		4 6	59.93			3	0.1				

**June 9 2021 Hour: 5:10 11.9 Lat: 35.45N Lon: 3.65W Depth: 8F 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	487	304	EP		511	17.090	.210							1.0
MESJ	HN	487	304	ES		512	4.18	-.120							1.0
MESJ	HN	487	304	IAML		512	8.15			4	0.4				
MORF	HZ	494	296	EP		511	17.54	-.180							1.0
MORF	HN	494	296	ES		512	5.830	.090							1.0
MORF	HN	494	296	IAML		512	9.16			6	0.3				

**June 9 2021 Hour: 10:56 28.0 Lat: 37.31N Lon: 8.61W Depth: 11F Agency: IGL Regional**  
**Magnitudes: 1.7ML IGL Rms: 0.1 secs**  
**W MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	4	261	EP		1056	29.83	-.180							1.0
MORF	HN	4	261	ES		1056	31.520	.080							1.0
MORF	HN	4	261	IAML		1056	32.14			1298	0.1				
MESJ	HZ	68	30	EP		1056	39.240	.140							1.0
MESJ	HN	68	30	ES		1056	47.14	-.030							1.0
MESJ	HN	68	30	IAML		1056	48.22			13	0.2				

**June 9 2021 Hour: 14:51 46.3 Lat: 37.34N Lon: 8.78W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 1.9ML 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	12	109	EP		1451	48.27	-.110							1.0
MORF	HN	12	109	ES		1451	50.010	.080							1.0
MORF	HE	12	109	IAML		1451	50.08			734	0.1				
MESJ	HZ	74	42	EP		1451	58.330	.060							1.0
MESJ	HN	74	42	ES		1452	7.01	-.030							1.0
MESJ	HN	74	42	IAML		1452	10.59			34	0.1				

**June 9 2021 Hour: 17:10 32.1 Lat: 38.40N Lon: 8.65W Depth: 13F Agency: IGL Regional**  
**Magnitudes: 1.3ML IGL Rms: 0.0 secs**  
**NW ALCACER DO SAL, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	180	EP		1710	51.220	.010							1.0
MORF	HE	122	180	ES		1711	5.16	-.010							1.0
MORF	HN	122	180	IAML		1711	6.07			6	0.3				



June 10 2021 Hour: 11:20 15.2 Lat: 60.18N Lon: 74.01W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

UNGAVA PENINSULA, QUEBEC, CANADA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5137	88	EP		1128	40.49	-.000							1.0
MESJ	BZ	5137	88	IAmb		1128	41.38			17	1.0				

June 10 2021 Hour: 16:51 3.5 Lat: 36.98N Lon: 13.50W Depth: 3F Agency: IGL Regional  
Magnitudes: 2.7ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	432	84	EP		1651	57.61	-.170							1.0
MORF	HN	432	84	ES		1652	37.710	.320							1.0
MORF	HN	432	84	IAML		1652	39.07			19	0.1				
MESJ	HZ	477	77	EP		1652	2.91	-.330							1.0
MESJ	HN	477	77	ES		1652	47.020	.180							1.0
MESJ	HN	477	77	IAML		1652	50.97			13	0.2				

June 10 2021 Hour: 17:4 10.4 Lat: 35.51N Lon: 3.70W 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	480	304	EP		17	5	15.16	-.000						1.0

June 10 2021 Hour: 23:27 2.1 Lat: 8.96N Lon: 85.42W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.5Mb IGL Rms: 0.1 secs

OFF COAST OF COSTA RICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8250	54	EP		2338	38.940	.100							1.0
MORF	BZ	8250	54	IAmb		2338	45.38			69	1.0				
MESJ	BZ	8289	53	EP		2338	40.920	.090							1.0
MESJ	BZ	8289	53	IAmb		2338	47.48			35	1.1				
MESJ	BN	8289	53	ES		2348	16.46	-.190							1.0

June 11 2021 Hour: 2:23 43.4 Lat: 0.05N Lon: 124.29E Depth: 64F Agency: IGL Distant  
Rms: 0.0 secs

MINAHASA, SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	13615	316	EPKPdf		242	30.880	.010							1.0
MORF	BZ	13678	316	EPKPdf		242	31.99	-.010							1.0

June 11 2021 Hour: 9:33 13.2 Lat: 36.32N Lon: 11.14W Depth: 32F Agency: IGL Regional  
Magnitudes: 2.1ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	247	63	EP		933	46.790	.040							1.0
MORF	HE	247	63	ES		934	11.18	-.030							1.0
MORF	HN	247	63	IAML		934	13.55			21	0.1				
MESJ	HZ	310	56	EP		933	54.39	-.060							1.0
MESJ	HN	310	56	ES		934	24.590	.060							1.0
MESJ	HN	310	56	IAML		934	27.32			5	0.1				

June 11 2021 Hour: 10:48 30.5 Lat: 35.42N Lon: 3.66W Depth: 4F Agency: IGL Regional  
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	305	EP		1049	36.02	-.000							1.0

June 11 2021 Hour: 20:57 59.7 Lat: 35.46N Lon: 3.67W Depth: 1 Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		2059	5.120	.000							1.0

June 12 2021 Hour: 3:24 6.6 Lat: 35.43N Lon: 3.63W Depth: 16F Agency: IGL Regional  
Rms: 0.0 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	490	304	EP		325	11.12	-.000							1.0

June 12 2021 Hour: 8:33 42.0 Lat: 36.19N Lon: 9.94W Depth: 30F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.1 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	169	43	EP		834	5.81	-.020							1.0
MORF	HN	169	43	ES		834	23.12	-.100							1.0
MORF	HN	169	43	IAML		834	25.84			13	0.2				
MESJ	HZ	239	39	EP		834	14.39	-.070							1.0
MESJ	HN	239	39	ES		834	38.350	.200							1.0
MESJ	HN	239	39	IAML		834	40.64			3	0.2				

June 12 2021 Hour: 10:0 48.9 Lat: 25.00N Lon: 97.90E Depth: 10F Agency: IGL Distant  
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

**MYANMAR-CHINA BORDER REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9647	310	EP		1013	33.17	-.080							1.0
MESJ	BZ	9647	310	IAmb		1013	35.66			8	1.0				
MORF	BZ	9710	310	EP		1013	36.120	.080							1.0

June 12 2021 Hour: 19:22 22.0 Lat: 38.51N Lon: 9.95W Depth: 41F Agency: IGL Regional  
Magnitudes: 2.2ML 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
GGNV	HE	73	72	ES		1922	42.900	.070							1.0
GGNV	HN	73	72	IAML		1922	44.53			134	0.2				
MESJ	HZ	169	116	EP		1922	45.870	.110							1.0
MESJ	HN	169	116	ES		1923	3.04	-.080							1.0
MESJ	HN	169	116	IAML		1923	3.74			12	0.2				
MORF	HZ	176	139	EP		1922	46.710	.050							1.0
MORF	HN	176	139	ES		1923	4.51	-.160							1.0
MORF	HN	176	139	IAML		1923	8.07			35	0.1				

June 12 2021 Hour: 21:39 35.4 Lat: 37.34N Lon: 8.54W Depth: 13F Agency: IGL Regional  
Magnitudes: 1.0ML IGL Rms: 0.0 secs

**NE MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	248	EP		2139	38.19	-.020							1.0
MORF	HN	11	248	ES		2139	40.250	.020							1.0
MORF	HN	11	248	IAML		2139	40.70			54	0.2				

June 13 2021 Hour: 4:12 1.3 Lat: 38.30N Lon: 7.91W Depth: 1 Agency: IGL Regional  
Magnitudes: 0.2ML IGL Rms: 0.0 secs

**NE ALVITO, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	58	208	EP		412	10.64	-.020							1.0
MESJ	HN	58	208	ES		412	17.500	.020							1.0
MESJ	HN	58	208	IAML		412	18.85			1	0.1				

**June 13 2021 Hour: 9: 9 33.7 Lat: 35.72N Lon: 10.23W Depth: 44F 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	226	38	EP		910	4.48	-.050							1.0
MORF	HN	226	38	ES		910	27.01	-.040							1.0
MORF	HN	226	38	IAML		910	29.10			17	0.3				
MESJ	HZ	296	37	EP		910	13.120	.030							1.0
MESJ	HN	296	37	ES		910	41.930	.070							1.0
MESJ	HN	296	37	IAML		910	44.60			6	0.2				

**June 13 2021 Hour: 17:51 8.7 Lat: 36.84N Lon: 11.21W Depth: 34F 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	233	76	EP		1751	40.44	-.010							1.0
MORF	HN	233	76	ES		1752	3.630	.010							1.0
MORF	HN	233	76	IAML		1752	5.45			5	0.2				

**June 13 2021 Hour: 22:35 34.8 Lat: 35.48N Lon: 3.67W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 0.0 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	484	304	EP		2236	39.890	.010							1.0

**June 13 2021 Hour: 22:45 15.9 Lat: 35.48N Lon: 3.77W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 0.0 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		2246	19.89	-.000							1.0

**June 14 2021 Hour: 1:34 44.9 Lat: 36.48N Lon: 9.75W Depth: 6F Agency: IGL Regional**  
**Magnitudes: 1.7ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	134	47	EP		135	6.190	.010							1.0
MORF	HN	134	47	ES		135	21.810	.060							1.0
MORF	HN	134	47	IAML		135	22.82			20	0.1				
MESJ	HZ	203	42	EP		135	14.81	-.130							1.0
MESJ	HN	203	42	ES		135	36.940	.050							1.0
MESJ	HN	203	42	IAML		135	39.65			4	0.2				

**June 14 2021 Hour: 2:44 59.1 Lat: 12.81N Lon: 48.60E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.5Mb IGL Rms: 0.1 secs**  
**GULF OF ADEN Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6248	307	EP		254	38.74	-.180							1.0
MESJ	BZ	6248	307	IAMB		254	46.37			35	0.9				
MESJ	BN	6248	307	ES		3 2	29.000	.030							1.0
MORF	BZ	6275	306	EP		254	40.70	-.020							1.0
MORF	BZ	6275	306	IAMB		254	42.84			116	2.1				
GGNV	BZ	6346	308	EP		254	45.310	.170							1.0
GGNV	BZ	6346	308	IAMB		254	53.09			45	0.8				

**June 14 2021 Hour: 7:27 45.3 Lat: 35.48N Lon: 3.71W Depth: 6F Agency: IGL Regional**  
**Magnitudes: 0.0 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		728	49.76	-.000							1.0

June 14 2021 Hour: 7:33 42.0 Lat: 35.46N Lon: 3.67W Depth: 6F 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	485	304	EP		734	47.050	.180							1.0
MESJ	HN	485	304	ES		735	34.12	-.120							1.0
MESJ	HN	485	304	IAML		735	40.26			9	0.1				
MORF	HZ	491	296	EP		734	47.65	-.060							1.0

June 14 2021 Hour: 10:15 43.0 Lat: 18.15N Lon: 68.49W Depth: 76F Agency: IGL Distant  
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

MONA PASSAGE, DOMINICAN REPUBLIC Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	6165	57	EP		1025	9.530	.030							1.0
MORF	BZ	6165	57	I Amb		1025	10.82			13	1.3				
MESJ	BZ	6207	56	EP		1025	12.08	-.030							1.0
MESJ	BZ	6207	56	I Amb		1025	13.98			11	1.0				

June 14 2021 Hour: 12:29 40.9 Lat: 35.46N Lon: 3.68W Depth: 8F 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	484	304	EP		1230	45.550	.090							1.0
MORF	HZ	491	296	EP		1230	46.21	-.090							1.0

June 14 2021 Hour: 15:5 5.3 Lat: 35.46N Lon: 3.68W Depth: 1 Agency: IGL Regional  
Magnitudes: 2.4ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	304	EP		15 6	10.600	.030							1.0
MESJ	HE	484	304	ES		15 6	58.250	.010							1.0
MESJ	HN	484	304	IAML		15 7	8.06			7	0.3				
MORF	HZ	490	296	EP		15 6	11.36	-.040							1.0

June 14 2021 Hour: 23:17 54.9 Lat: 36.33N Lon: 8.36W Depth: 14F 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	111	347	EP		2318	12.38	-.030							1.0
MESJ	HZ	168	4	EP		2318	19.69	-.100							1.0
MESJ	HN	168	4	ES		2318	38.110	.130							1.0
MESJ	HE	168	4	IAML		2318	39.34			0.90	0.1				

June 15 2021 Hour: 0:2 10.7 Lat: 35.43N Lon: 3.66W Depth: 1 Agency: IGL Regional  
Magnitudes: 2.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	305	EP		0 3	16.450	.060							1.0
MESJ	HN	488	305	ES		0 4	4.30	-.060							1.0
MESJ	HN	488	305	IAML		0 4	12.25			3	0.3				

June 15 2021 Hour: 13:12 14.8 Lat: 35.67N Lon: 8.84W Depth: 32F 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	182	5	EP		1312	40.00	-.160							1.0
MORF	HN	182	5	ES		1312	58.66	-.050							1.0
MORF	HN	182	5	IAML		1312	59.31			9	0.1				
MESJ	HZ	247	13	EP		1312	48.400	.210							1.0
MESJ	HE	247	13	ES		1313	12.610	.010							1.0
MESJ	HE	247	13	IAML		1313	13.90			2	0.1				

June 15 2021 Hour: 15:57 15.8 Lat: 36.73N Lon: 9.63W Depth: 18F 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	108	53	EP		1557	32.880	.040							1.0
MORF	HN	108	53	ES		1557	45.380	.080							1.0
MORF	HN	108	53	IAML		1557	46.53			88	0.1				
MESJ	HZ	175	45	EP		1557	41.15	-.130							1.0
MESJ	HN	175	45	ES		1557	59.90	-.000							1.0
MESJ	HE	175	45	IAML		1558	2.72			9	0.1				

June 15 2021 Hour: 18:55 25.6 Lat: 35.45N Lon: 3.60W Depth: 9F Agency: IGL Regional  
Magnitudes: 2.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	304	EP		1856	30.920	.050							1.0
MESJ	HN	491	304	ES		1857	18.41	-.100							1.0
MESJ	HN	491	304	IAML		1857	21.41			5	0.2				
MORF	HZ	497	296	EP		1856	31.75	-.000							1.0
MORF	HE	497	296	ES		1857	20.080	.050							1.0
MORF	HN	497	296	IAML		1857	25.31			11	0.3				

June 15 2021 Hour: 19:34 2.3 Lat: 36.53N Lon: 7.27W Depth: 19F Agency: IGL Regional  
Magnitudes: 2.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	150	305	EP		1934	24.37	-.220							1.0
MORF	HN	150	305	ES		1934	40.900	.020							1.0
MORF	HN	150	305	IAML		1934	43.40			28	0.1				
MESJ	HZ	168	330	EP		1934	26.990	.220							1.0
MESJ	HN	168	330	ES		1934	44.65	-.010							1.0
MESJ	HN	168	330	IAML		1934	46.47			15	0.2				

June 16 2021 Hour: 1:38 52.5 Lat: 36.55N Lon: 7.63W Depth: 20F Agency: IGL Regional  
Magnitudes: 0.9ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	152	340	EP		139	14.98	-.010							1.0
MESJ	HN	152	340	ES		139	31.400	.010							1.0
MESJ	HN	152	340	IAML		139	32.94			1	0.1				

June 16 2021 Hour: 4:43 9.3 Lat: 3.57S Lon: 129.53E Depth: 8F Agency: IGL Distant  
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

SERAM, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14306	317	EP			5 2	16.42	-.100							1.0
MESJ	BZ14306	317	EPP			5 4	21.80	-.100							1.0
MESJ	BN14306	317	IAMs_20			552	28.68			1549	28.1				
MORF	BZ14370	317	EP			5 2	17.700	.050							1.0
MORF	BZ14370	317	EPP			5 4	25.850	.160							1.0
MORF	BE14370	317	IAMs_20			554	39.56			1630	12.6				

June 16 2021 Hour: 5:49 51.8 Lat: 35.63N Lon: 3.77W Depth: 5F Agency: IGL Regional  
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	467	303	EP		550	54.67	-.000							1.0

**June 16 2021 Hour: 8:34.5 Lat: 36.90N Lon: 8.58W Depth: 18F 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	45	352	EP		8	3	53.14							1.0
MORF	HE	45	352	ES		8	3	58.89							1.0
MORF	HE	45	352	IAML		8	4	1.25		19	0.2				

**June 16 2021 Hour: 8:48.59.3 Lat: 38.19N Lon: 93.72E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.3Ms IGL Rms: 0.0 secs**  
**NORTHERN QINGHAI, CHINA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8416	307	EP		9	0	45.07							1.0
MESJ	BZ	8416	307	IAMs_20		937		31.15		1980	21.4				
MORF	BZ	8482	307	EP		9	0	48.47							1.0
MORF	BZ	8482	307	IAMs_20		933		52.05		1687	21.8				

**June 16 2021 Hour: 16:48.1.0 Lat: 36.65N Lon: 7.34W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 1.9ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	138	302	ES		1648		39.16							1.0
MORF	HN	138	302	IAML		1648		42.09		19	0.2				
MESJ	HZ	153	330	EP		1648		25.07							1.0
MESJ	HN	153	330	ES		1648		42.91							1.0
MESJ	HN	153	330	IAML		1648		46.45		16	0.3				

**June 16 2021 Hour: 19:19.14.0 Lat: 36.55N Lon: 7.56W Depth: 30F Agency: IGL Regional**  
**Magnitudes: 0.8ML IGL Rms: 0.1 secs**  
**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	128	311	ES		1919		46.43							1.0
MORF	HE	128	311	IAML		1919		47.50		3	0.2				
MESJ	HZ	155	338	EP		1919		35.95							1.0
MESJ	HN	155	338	ES		1919		52.14							1.0
MESJ	HE	155	338	IAML		1919		52.96		0.50	0.1				

**June 16 2021 Hour: 20:57.43.8 Lat: 35.43N Lon: 3.61W Depth: 10F Agency: IGL Regional**  
**Magnitudes: 2.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	304	EP		2058		49.00							1.0
MESJ	HN	491	304	ES		2059		36.71							1.0
MESJ	HN	491	304	IAML		2059		38.55		8	0.3				
MORF	HZ	498	296	EP		2058		49.82							1.0

**June 17 2021 Hour: 6:12.23.5 Lat: 37.78N Lon: 9.57W Depth: 5F Agency: IGL Regional**  
**Magnitudes: 2.4ML IGL Rms: 0.1 secs**  
**SW SINES, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	97	123	EP		612		39.13							1.0
MORF	HE	97	123	ES		612		50.40							1.0
MORF	HN	97	123	IAML		612		52.93		97	0.1				
MESJ	HZ	119	86	EP		612		42.67							1.0
MESJ	HN	119	86	ES		612		56.75							1.0
MESJ	HN	119	86	IAML		612		58.07		59	0.3				

**June 17 2021 Hour: 10: 2 23.7 Lat: 35.73N Lon: 10.30W Depth: 38F Agency: IGL Regional**  
**Magnitudes: 2.5ML 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	229	40	EP		10	2	54.90-.040							1.0
MORF	HE	229	40	ES		10	3	17.770.050							1.0
MORF	HN	229	40	IAML		10	3	18.65		42	0.3				
MESJ	HZ	299	38	EP		10	3	3.58-.030							1.0
MESJ	HN	299	38	ES		10	3	32.730.010							1.0
MESJ	HN	299	38	IAML		10	3	35.24		16	0.3				

**June 17 2021 Hour: 11: 8 51.8 Lat: 42.89N Lon: 11.21W Depth: 25F 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
MESJ	HZ	615	155	EP		1110		7.82-.300							1.0
MESJ	HN	615	155	ES		1111		4.010.180							1.0
MESJ	HN	615	155	IAML		1111		10.53		20	0.4				
MORF	HZ	657	160	EP		1110		13.13-.170							1.0
MORF	HN	657	160	ES		1111		13.080.300							1.0
MORF	HN	657	160	IAML		1111		19.16		50	0.1				

**June 17 2021 Hour: 14:53 30.7 Lat: 37.59N Lon: 8.42W Depth: 2F Agency: IGL Regional**  
**Magnitudes: 0.5ML IGL Rms: 0.1 secs**

**SW OURIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	33	32	EP		1453		36.280.230							1.0
MESJ	HE	33	32	ES		1453		39.86-.070							1.0
MESJ	HE	33	32	IAML		1453		40.43		3	0.1				
MORF	HZ	38	213	EP		1453		36.80-.060							1.0
MORF	HN	38	213	ES		1453		41.21-.110							1.0
MORF	HE	38	213	IAML		1453		42.31		8	0.1				

**June 18 2021 Hour: 2:30 40.0 Lat: 36.40N Lon: 9.31W Depth: 11F 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	116	30	EP		230		58.21-.160							1.0
MORF	HE	116	30	ES		231		11.940.160							1.0
MORF	HE	116	30	IAML		231		13.74		9	0.3				

**June 18 2021 Hour: 6:17 28.0 Lat: 37.05N Lon: 8.84W Depth: 11F 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	33	30	EP		617		33.62-.030							1.0
MORF	HN	33	30	ES		617		37.890.150							1.0
MORF	HN	33	30	IAML		617		38.83		11	0.1				
MESJ	HZ	103	32	EP		617		44.30-.140							1.0
MESJ	HE	103	32	ES		617		56.410.000							1.0
MESJ	HE	103	32	IAML		617		57.15		4	0.1				

**June 18 2021 Hour: 10: 2 41.5 Lat: 53.30N Lon: 160.33W Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.2Ms IGL Rms: 0.1 secs**

**SOUTH OF ALASKA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9561	22	EP		1015		21.77-.150							1.0
MESJ	BZ	9561	22	EPP		1018		42.390.030							1.0
MESJ	BZ	9561	22	IAMs_20		1054		23.56		655	11.7				
MORF	BZ	9607	22	EP		1015		24.140.120							1.0
MORF	BZ	9607	22	IAMs_20		1053		32.24		830	16.6				

**June 18 2021 Hour: 10:55 48.8 Lat: 37.24N Lon: 8.79W Depth: 18F Agency: IGL Regional**  
**Magnitudes: 1.5ML IGL Rms: 0.1 secs**  
**SE ALJEZUR, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	60	EP		1055	52.36	-.170							1.0
MORF	HN	14	60	ES		1055	55.370	.150							1.0
MORF	HN	14	60	IAML		1055	55.71		120	0.1					
MESJ	HZ	83	37	EP		1056	2.240	.020							1.0
MESJ	HN	83	37	ES		1056	12.000	.010							1.0
MESJ	HN	83	37	IAML		1056	13.81		12	0.2					

**June 18 2021 Hour: 12:10 10.1 Lat: 35.20N 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	510	306	EP		1211	18.63	-.000							1.0

**June 18 2021 Hour: 12:31 11.9 Lat: 35.56N Lon: 3.71W 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	476	303	EP		1232	16.370	.000							1.0

**June 19 2021 Hour: 3:23 6.8 Lat: 35.47N Lon: 3.63W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 3.7ML 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	488	304	EP		324	11.870	.150							1.0
MESJ	HN	488	304	ES		324	59.03	-.100							1.0
MESJ	HN	488	304	IAML		325	10.19		138	0.5					
MORF	HZ	495	296	EP		324	12.55	-.060							1.0

**June 19 2021 Hour: 3:25 57.6 Lat: 35.43N Lon: 3.81W Depth: 8F 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	476	305	EP		327	1.21	-.000							1.0

**June 19 2021 Hour: 3:30 53.2 Lat: 35.61N Lon: 3.72W Depth: 5F Agency: IGL Regional**  
**Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	472	303	EP		331	56.680	.030							1.0
MORF	HZ	481	294	EP		331	57.68	-.030							1.0

**June 19 2021 Hour: 3:32 7.3 Lat: 35.41N Lon: 3.69W Depth: 25F 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	487	305	EP		333	10.56	-.030							1.0
MORF	HZ	492	297	EP		333	11.370	.030							1.0

**June 19 2021 Hour: 3:38 39.9 Lat: 35.49N Lon: 3.63W 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	486	304	EP		339	44.20	-.000							1.0



**June 19 2021 Hour: 8:49 43.5 Lat: 37.32N Lon: 8.52W 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 12 262 EP 849 45.82-.130 1.0  
 MORF HN 12 262 ES 849 47.870.130 1.0  
 MORF HE 12 262 IAML 849 48.42 46 0.1

**June 19 2021 Hour: 11:48 40.5 Lat: 35.38N Lon: 3.60W Depth: 4F Agency: IGL Regional**  
**Magnitudes: 2.7ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 495 305 EP 1149 46.950.060 1.0  
 MESJ HE 495 305 ES 1150 35.330.000 1.0  
 MESJ HN 495 305 IAML 1150 38.45 15 0.3  
 MORF HZ 501 297 EP 1149 47.60-.060 1.0

**June 19 2021 Hour: 11:59 5.1 Lat: 16.36S Lon: 173.11E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.6Ms IGL Rms: 0.1 secs**  
**FIJI REGION Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ BZ17648 3 EPKPdf 1219 2.270.080 1.0  
 MESJ BZ17648 3 EPP 1223 18.370.170 1.0  
 MESJ BZ17648 3 IAMS\_20 1315 32.19 1622 36.6  
 MORF BZ17704 4 EPKPdf 1219 2.84-.010 1.0  
 MORF BZ17704 4 EPKPab 1219 40.07-.100 1.0  
 MORF BZ17704 4 EPP 1223 20.89-.130 1.0  
 MORF BZ17704 4 IAMS\_20 1316 1.99 2638 49.0

**June 19 2021 Hour: 21:32 27.4 Lat: 36.66N Lon: 7.41W Depth: 0 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 HE 132 303 ES 2133 4.18-.000 1.0  
 MORF HE 132 303 IAML 2133 7.21 16 0.2  
 MESJ HZ 149 331 EP 2132 51.420.030 1.0  
 MESJ HN 149 331 ES 2133 8.85-.030 1.0  
 MESJ HN 149 331 IAML 2133 11.55 5 0.1

**June 20 2021 Hour: 3:15 14.3 Lat: 36.05N Lon: 5.83W Depth: 4F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.0 secs**  
**MOROCCO Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 291 314 EP 315 55.56-.000 1.0

**June 20 2021 Hour: 17: 8 3.4 Lat: 35.52N Lon: 3.68W Depth: 6F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 481 304 EP 17 9 7.84-.000 1.0

**June 20 2021 Hour: 17: 5 48.4 Lat: 30.21S Lon: 177.77W Depth: 10F 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 BZ18614 45 EPKPdf 1725 54.100.020 1.0  
 GGNV BZ18614 45 EPP 1730 47.960.040 1.0  
 GGNV BE18614 45 ESS 1751 35.430.080 1.0  
 GGNV BZ18614 45 IAMS\_20 1838 34.07 12542 22.3  
 MESJ BZ18738 46 EPKPdf 1725 54.81-.090 1.0  
 MESJ BZ18738 46 EPP 1730 53.730.090 1.0  
 MESJ BE18738 46 ESS 1751 46.56-.030 1.0  
 MESJ BZ18738 46 IAMS\_20 1831 50.89 14809 32.8

MORF	BZ18743	49	EPKPdf	1725	54.87-	.120											1.0
MORF	BZ18743	49	EPP	1730	54.010.	.110											1.0
MORF	BE18743	49	ESS	1751	47.00-	.100											1.0
MORF	BZ18743	49	IAMs_20	1845	4.79				8696	19.5							

**June 21 2021 Hour: 0:14 24.1 Lat: 35.45N Lon: 3.64W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 2.3ML IGL Rms: 0.0 secs**

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		015	29.93-	.010							1.0
MESJ	HN	488	304	ES		016	18.030.	.020							1.0
MESJ	HN	488	304	IAML		016	23.22			6	0.4				
MORF	HZ	494	296	EP		015	30.79-	.000							1.0

**June 21 2021 Hour: 4:52 39.9 Lat: 35.46N Lon: 3.66W Depth: 1F Agency: IGL Regional**  
**Magnitudes: 2.8ML IGL Rms: 0.1 secs**

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	486	304	EP		453	45.400.	.010							1.0
MESJ	HE	486	304	ES		454	33.11-	.100							1.0
MESJ	HN	486	304	IAML		454	36.62			14	0.3				
MORF	HZ	492	296	EP		453	46.300.	.070							1.0
MORF	HN	492	296	ES		454	34.680.	.020							1.0
MORF	HE	492	296	IAML		454	39.26			21	0.3				

**June 21 2021 Hour: 7:27 43.4 Lat: 35.45N Lon: 3.65W Depth: 8F Agency: IGL Regional**  
**Magnitudes: 2.3ML 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	487	304	EP		728	48.39-	.000							1.0

**June 21 2021 Hour: 11:14 12.9 Lat: 30.28S Lon: 177.49W Depth: 29F Agency: IGL Distant**  
**Magnitudes: 6.0Ms 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	BZ18600	46	EPKPdf			1134	15.490.	.110							1.0
GGNV	BE18600	46	IAMs_20			1251	40.84			10984	51.2				
MESJ	BZ18724	47	EPKPdf			1134	16.20-	.010							1.0
MESJ	BZ18724	47	EPP			1139	14.520.	.010							1.0
MESJ	BE18724	47	ESS			12 0	4.750.	.020							1.0
MESJ	BZ18724	47	IAMs_20			1240	8.42			2084	28.2				
MORF	BZ18727	50	EPKPdf			1134	16.20-	.090							1.0
MORF	BZ18727	50	EPP			1139	14.67-	.040							1.0
MORF	BZ18727	50	IAMs_20			1247	12.12			1964	23.8				

**June 21 2021 Hour: 18:20 9.9 Lat: 37.36N Lon: 8.53W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 0.7ML IGL Rms: 0.1 secs**

**NE MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	240	EP		1820	12.16-	.260							1.0
MORF	HN	13	240	ES		1820	14.400.	.130							1.0
MORF	HN	13	240	IAML		1820	14.68			38	0.2				
MESJ	HZ	60	27	EP		1820	19.770.	.120							1.0
MESJ	HN	60	27	ES		1820	26.800.	.020							1.0
MESJ	HN	60	27	IAML		1820	27.36			3	0.1				

**June 21 2021 Hour: 19:21 32.4 Lat: 36.81N Lon: 12.07W Depth: 31F Agency: IGL Regional**  
**Magnitudes: 2.0ML IGL Rms: 0.0 secs**

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	309	79	EP		1922	12.78-	.010							1.0
MORF	HN	309	79	ES		1922	42.300.	.010							1.0
MORF	HE	309	79	IAML		1922	44.30			6	0.2				

June 21 2021 Hour: 22:14 14.2 Lat: 36.43N Lon: 27.03E Depth: 9F Agency: IGL Distant  
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

**DODECANESE ISLANDS-TURKEY BORDER REGION Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3118	284	EP		2220	5.730	.000							1.0
MESJ	BZ	3118	284	IAMB		2220	15.93			43	1.0				
MESJ	BE	3118	284	ES		2224	51.37	-.060							1.0
MORF	BZ	3164	283	EP		2220	9.600	.070							1.0
MORF	BZ	3164	283	IAMB		2220	23.53			82	1.4				
MORF	BE	3164	283	ES		2224	58.13	-.000							1.0
GGNV	BN	3186	286	ES		2225	0.98	-.010							1.0

June 22 2021 Hour: 6:41 38.3 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		642	43.450	.060							1.0
MORF	HZ	489	295	EP		642	44.28	-.060							1.0

June 22 2021 Hour: 10:11 3.1 Lat: 36.24N Lon: 9.96W Depth: 45F Agency: IGL Regional  
Magnitudes: 1.7ML IGL Rms: 0.1 secs

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	166	44	EP		1011	26.45	-.170							1.0
MORF	HN	166	44	ES		1011	43.76	-.020							1.0
MORF	HE	166	44	IAML		1011	44.43			12	0.1				
MESJ	HE	236	41	ES		1011	58.790	.200							1.0
MESJ	HN	236	41	IAML		1012	0.32			4	0.2				

June 22 2021 Hour: 10:26 16.0 Lat: 33.24N Lon: 12.49W Depth: 66F Agency: IGL Regional  
Magnitudes: 3.1ML IGL Rms: 0.1 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	570	37	EP		1027	27.03	-.110							1.0
MORF	HN	570	37	ES		1028	19.240	.170							1.0
MORF	HN	570	37	IAML		1028	21.87			25	0.3				
MESJ	HZ	640	36	EP		1027	35.62	-.060							1.0

June 22 2021 Hour: 14:54 33.2 Lat: 35.44N Lon: 3.64W Depth: 0 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
MESJ	HZ	489	304	EP		1455	39.21	-.030							1.0
MESJ	HN	489	304	ES		1456	27.460	.030							1.0
MESJ	HN	489	304	IAML		1456	33.33			67	0.2				
MORF	HZ	495	296	EP		1455	39.89	-.170							1.0
MORF	HN	495	296	ES		1456	29.020	.170							1.0
MORF	HN	495	296	IAML		1456	35.92			125	0.3				

June 22 2021 Hour: 18:43 26.6 Lat: 35.51N Lon: 3.63W Depth: 0 Agency: IGL Regional  
Magnitudes: 2.8ML IGL Rms: 0.1 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	304	EP		1844	32.06	-.030							1.0
MESJ	HE	485	304	ES		1845	19.89	-.010							1.0
MESJ	HN	485	304	IAML		1845	31.33			13	0.8				
MORF	HZ	492	295	EP		1844	32.91	-.150							1.0
MORF	HE	492	295	ES		1845	21.760	.190							1.0
MORF	HE	492	295	IAML		1845	26.03			26	0.3				

June 23 2021 Hour: 2: 7 58.9 Lat: 36.95N Lon: 10.98W Depth: 28F Agency: IGL Regional  
Magnitudes: 1.8ML IGL Rms: 0.1 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	79	EP		2 8	28.160	.100							1.0
MORF	HE	211	79	ES		2 8	49.27	-.050							1.0
MORF	HE	211	79	IAML		2 8	52.74			14	0.3				
MESJ	HZ	264	67	EP		2 8	34.670	.050							1.0
MESJ	HN	264	67	ES		2 9	0.56	-.110							1.0
MESJ	HN	264	67	IAML		2 9	4.61			3	0.3				

June 23 2021 Hour: 2:26 3.8 Lat: 35.54N Lon: 3.66W Depth: 10F 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	481	303	EP		227	7.75	-.000							1.0

June 23 2021 Hour: 2:30 15.5 Lat: 33.67N Lon: 6.10W Depth: 4F Agency: IGL Regional  
Rms: 0.0 secs

**MOROCCO Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	464	331	EP		231	18.09	-.050							1.0
MESJ	HZ	500	338	EP		231	22.500	.060							1.0

June 23 2021 Hour: 2:54 18.7 Lat: 12.69S Lon: 76.72W Depth: 51F Agency: IGL Distant  
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

**NEAR COAST OF CENTRAL PERU Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8999	49	EP		3 6	27.46	-.040							1.0
MORF	BE	8999	49	ES		316	32.61	-.010							1.0
MORF	BE	8999	49	IAMs_20		336	30.27			3196	26.2				
GGNV	BZ	9023	47	EP		3 6	28.52	-.010							1.0
GGNV	BE	9023	47	ES		316	34.720	.080							1.0
GGNV	BE	9023	47	IAMs_20		336	34.38			5263	24.4				
MESJ	BZ	9058	48	EP		3 6	30.12	-.120							1.0
MESJ	BE	9058	48	ES		316	38.080	.090							1.0
MESJ	BZ	9058	48	IAMs_20		336	38.82			3758	29.1				

June 23 2021 Hour: 5:39 40.4 Lat: 22.77S Lon: 171.64E Depth: 10F Agency: IGL Distant  
Magnitudes: 5.7Ms IGL Rms: 0.0 secs

**SOUTHEAST OF LOYALTY ISLANDS Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18356	360	EPKpdf			559	44.190	.020							1.0
MESJ	BZ18356	360	IAMs_20			712	46.96			995	15.7				
MORF	BZ18416	1	EPKpdf			559	44.66	-.020							1.0
MORF	BZ18416	1	IAMs_20			710	30.69			1340	26.3				

June 23 2021 Hour: 6:40 26.1 Lat: 37.35N Lon: 8.64W Depth: 12F Agency: IGL Regional  
Magnitudes: 1.0ML IGL Rms: 0.0 secs

**NW MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	192	EP		640	28.29	-.030							1.0
MORF	HE	5	192	ES		640	29.960	.030							1.0
MORF	HE	5	192	IAML		640	30.09			81	0.1				

June 23 2021 Hour: 16:36 55.7 Lat: 35.44N Lon: 3.65W Depth: 7F Agency: IGL Regional  
Rms: 0.1 secs

**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		1638	0.990	.100							1.0
MORF	HZ	494	296	EP		1638	1.61	-.100							1.0

**June 23 2021 Hour: 17:27 45.2 Lat: 36.69N Lon: 6.46W Depth: 9F Agency: IGL Regional**  
**Magnitudes: 1.5ML IGL Rms: 0.2 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 202 310 EP 1728 15.010.230 1.0  
 MESJ HN 202 310 ES 1728 36.390.010 1.0  
 MESJ HE 202 310 IAML 1728 37.87 3 0.1  
 MORF HZ 207 290 EP 1728 15.20-.240 1.0

**June 23 2021 Hour: 23:39 43.1 Lat: 35.57N 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 476 303 EP 2340 47.520.000 1.0

**June 24 2021 Hour: 0:23 59.0 Lat: 36.63N Lon: 8.02W Depth: 14F Agency: IGL Regional**  
**Magnitudes: 1.5ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MORF HZ 94 323 EP 024 13.960.060 1.0  
 MORF HE 94 323 ES 024 24.870.090 1.0  
 MORF HE 94 323 IAML 024 26.37 23 0.2  
 MESJ HE 135 353 ES 024 34.97-.160 1.0  
 MESJ HN 135 353 IAML 024 36.13 4 0.3

**June 24 2021 Hour: 2: 6 49.8 Lat: 35.59N 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 477 303 EP 2 7 54.32-.000 1.0

**June 24 2021 Hour: 2: 8 10.8 Lat: 35.53N Lon: 3.56W Depth: 30F 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 489 303 EP 2 9 14.130.010 1.0

**June 24 2021 Hour: 2:24 55.5 Lat: 5.97S Lon: 128.29E Depth:337FAgency: IGL Distant**  
**Rms: 0.0 secs**  
**BANDA SEA Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ BZ14402 315 EPKpdf 243 23.930.020 1.0  
 MESJ BZ14402 315 EPP 245 38.07-.020 1.0

**June 24 2021 Hour: 4:59 35.9 Lat: 35.48N Lon: 3.64W 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 486 304 EP 5 0 40.730.000 1.0

**June 24 2021 Hour: 14:49 55.6 Lat: 6.58S Lon: 154.99E Depth: 69F Agency: IGL Distant**  
**Magnitudes: 5.2Ms IGL Rms: 0.0 secs**  
**BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ BZ16179 336 EPKP 15 9 25.74 0.01 1.0  
 MESJ BZ16179 336 IAMs\_20 1612 35.80 467 25.4  
 MORF BZ16250 336 EPKP 15 9 28.22-0.01 1.0

**June 24 2021 Hour: 19:42 35.1 Lat: 37.32N Lon: 8.63W Depth: 16F Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.1 secs**  
**W MONCHIQUE, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	3	229	ES		1942	39.59	-.160							1.0
MORF	HN	3	229	IAML		1942	40.15			16	0.2				
MESJ	HZ	68	32	EP		1942	46.37	0.200							1.0
MESJ	HN	68	32	ES		1942	54.19	-.030							1.0
MESJ	HN	68	32	IAML		1942	55.63			1	0.1				

**June 25 2021 Hour: 7:10 36.4 Lat: 34.05N Lon: 5.79W Depth: 21F Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.0 secs**  
**MOROCCO Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	474	333	EP		711	38.50	-.000							1.0

**June 25 2021 Hour: 18:28 40.0 Lat: 39.22N Lon: 40.18E Depth: 10F Agency: IGL Distant**  
**Magnitudes: 5.0Mb IGL Rms: 0.1 secs**  
**EASTERN TURKEY Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4172	284	EP		1835	54.07	-.080							1.0
MESJ	BZ	4172	284	IAMB		1836	10.61			42	1.4				
MESJ	BN	4172	284	ES		1841	44.18	0.080							1.0

**June 25 2021 Hour: 18:47 44.6 Lat: 35.71N Lon: 3.71W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	467	302	EP		1848	47.94	-.000							1.0

**June 25 2021 Hour: 20:38 48.6 Lat: 36.99N Lon: 8.39W 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	42	326	EP		2038	55.41	-.210							1.0
MORF	HE	42	326	ES		2039	0.74	-.000							1.0
MORF	HE	42	326	IAML		2039	2.07			15	0.1				
MESJ	HZ	96	9	EP		2039	4.02	0.230							1.0
MESJ	HN	96	9	ES		2039	14.88	-.010							1.0
MESJ	HN	96	9	IAML		2039	16.52			5	0.1				

**June 25 2021 Hour: 22:10 40.9 Lat: 36.97N Lon: 8.79W Depth: 32F Agency: IGL Regional**  
**Magnitudes: 2.0ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	18	EP		2210	48.42	-.140							1.0
MORF	HE	39	18	ES		2210	54.19	0.010							1.0
MORF	HE	39	18	IAML		2210	54.48			95	0.2				
MESJ	HZ	109	27	EP		2210	57.28	0.140							1.0

**June 25 2021 Hour: 23: 8 53.1 Lat: 35.55N Lon: 3.67W Depth: 0 Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	480	303	EP		23 9	57.99	0.010							1.0

**June 25 2021 Hour: 23:15 11.4 Lat: 35.55N Lon: 3.63W Depth: 1F Agency: IGL Regional**  
**Magnitudes: 0.4ML IGL Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	482	303	EP		2316	16.47	0.000							1.0

June 26 2021 Hour: 3:15 54.5 Lat: 36.49N Lon: 9.83W 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	138	49	EP		316	15.89	-.150							1.0
MORF	HN	138	49	ES		316	31.86	0.080							1.0
MORF	HN	138	49	IAML		316	33.92			5	0.3				
MESJ	HN	207	43	ES		316	46.54	0.070							1.0
MESJ	HN	207	43	IAML		316	47.72			0.90	0.1				

June 26 2021 Hour: 4:18 33.2 Lat: 37.12N Lon: 13.14W Depth: 8F 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	399	86	EP		419	27.42	-.030							1.0
MORF	HN	399	86	ES		420	7.05	-.010							1.0
MORF	HN	399	86	IAML		420	8.65			7	0.2				
MESJ	HN	443	78	ES		420	16.31	0.050							1.0
MESJ	HN	443	78	IAML		420	19.24			1	0.1				

June 26 2021 Hour: 4:20 4.8 Lat: 35.53N Lon: 3.65W 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	303	EP		421	10.11	0.130							1.0
MORF	HZ	490	295	EP		421	10.82	-.130							1.0

June 26 2021 Hour: 17:15 29.4 Lat: 35.44N Lon: 3.60W Depth: 15F Agency: IGL Regional  
Magnitudes: 2.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	304	EP		1716	34.21	0.010							1.0
MESJ	HE	491	304	ES		1717	21.47	-.010							1.0
MESJ	HN	491	304	IAML		1717	24.97			11	0.6				
MORF	HZ	498	296	EP		1716	34.96	-.100							1.0
MORF	HN	498	296	ES		1717	23.09	0.100							1.0
MORF	HN	498	296	IAML		1717	26.56			12	0.2				

June 26 2021 Hour: 17:16 43.9 Lat: 35.48N Lon: 3.80W Depth: 5F 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	474	305	EP		1717	47.58	0.000							1.0

June 26 2021 Hour: 18: 0 12.8 Lat: 35.47N Lon: 3.60W Depth: 19F 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	489	304	EP		18 1	16.91	-.070							1.0
MORF	HZ	497	296	EP		18 1	17.97	0.070							1.0

June 26 2021 Hour: 18: 1 23.2 Lat: 11.80N Lon: 44.21W Depth: 10F Agency: IGL Distant  
Magnitudes: 5.0Ms IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4534	45	EP		18 9	4.39	0.060							1.0
MORF	BE	4534	45	ES		1815	15.75	-.040							1.0
MORF	BZ	4534	45	IAMs_20		1820	28.99			2313	26.4				
GGNV	BN	4575	43	ES		1815	21.20	0.040							1.0
GGNV	BN	4575	43	IAMs_20		1834	45.66			8313	62.1				
MESJ	BZ	4596	45	EP		18 9	8.81	-.080							1.0
MESJ	BN	4596	45	ES		1815	24.06	0.020							1.0
MESJ	BZ	4596	45	IAMs_20		1820	58.89			2284	29.4				

**June 26 2021 Hour: 18:19 23.7 Lat: 36.60N Lon: 9.80W Depth: 14F Agency: IGL Regional**  
**Magnitudes: 1.6ML IGL Rms: 0.1 secs**

**WEST OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	52	EP		1819	43.62	-.110							1.0
MORF	HN	129	52	ES		1819	58.41	0.020							1.0
MORF	HN	129	52	IAML		1819	59.37			13	0.1				
MESJ	HZ	196	45	EP		1819	52.04	-.080							1.0
MESJ	HE	196	45	ES		1820	13.07	0.170							1.0
MESJ	HN	196	45	IAML		1820	15.44			4	0.1				

**June 26 2021 Hour: 18:22 27.0 Lat: 35.48N Lon: 3.64W 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	486	304	EP		1823	31.60	0.140							1.0
MESJ	HN	486	304	ES		1824	18.53	-.010							1.0
MESJ	HE	486	304	IAML		1824	23.84			5	0.5				
MORF	HZ	493	296	EP		1823	32.23	-.130							1.0

**June 27 2021 Hour: 3:30 30.7 Lat: 35.63N Lon: 3.71W 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	472	303	EP		331	33.79	0.000							1.0

**June 27 2021 Hour: 13:44 37.6 Lat: 36.68N Lon: 7.50W Depth: 27F Agency: IGL Regional**  
**Magnitudes: 2.1ML IGL Rms: 0.0 secs**

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	304	EP		1344	56.05	0.030							1.0
MORF	HE	124	304	ES		1345	9.44	-.030							1.0
MORF	HN	124	304	IAML		1345	10.88			51	0.2				
MESJ	HZ	144	334	EP		1344	58.41	-.050							1.0
MESJ	HN	144	334	ES		1345	13.74	0.060							1.0
MESJ	HN	144	334	IAML		1345	15.79			13	0.1				

**June 27 2021 Hour: 15:34 51.2 Lat: 36.72N Lon: 7.06W Depth: 18F Agency: IGL Regional**  
**Magnitudes: 1.7ML IGL Rms: 0.1 secs**

**STRAIT OF GIBRALTAR Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	156	295	EP		1535	14.28	-.050							1.0
MORF	HN	156	295	ES		1535	31.29	0.090							1.0
MORF	HN	156	295	IAML		1535	32.44			14	0.2				
MESJ	HZ	161	321	EP		1535	15.08	0.100							1.0
MESJ	HE	161	321	ES		1535	32.17	-.140							1.0
MESJ	HN	161	321	IAML		1535	33.92			7	0.2				

**June 27 2021 Hour: 17:47 47.7 Lat: 36.70N Lon: 9.70W 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	115	54	EP		1748	5.56	0.110							1.0
MORF	HN	115	54	ES		1748	18.31	-.100							1.0
MORF	HN	115	54	IAML		1748	19.33			4	0.1				
MESJ	HZ	182	46	EP		1748	13.82	0.020							1.0
MESJ	HN	182	46	ES		1748	32.81	-.030							1.0
MESJ	HE	182	46	IAML		1748	34.05			0.70	0.1				



**June 28 2021 Hour: 0:31 38.6 Lat: 38.24N Lon: 8.69W Depth: 3F Agency: IGL Regional**  
**Magnitudes: 0.9ML IGL Rms: 0.1 secs**  
**NE MELIDES, PORTUGAL Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 61 137 EP 031 48.510.120 1.0  
 MESJ HN 61 137 ES 031 55.49-.050 1.0  
 MESJ HE 61 137 IAML 031 57.39 5 0.2  
 MORF HZ 104 178 EP 031 55.29-.070 1.0

**June 28 2021 Hour: 9:47 0.6 Lat: 35.52N Lon: 3.67W Depth: 5F Agency: IGL Regional**  
**Rms: 0.0 secs**  
**STRAIT OF GIBRALTAR Net: MAD**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 481 304 EP 948 5.190.010 1.0

**June 28 2021 Hour: 12:27 0.4 Lat: 36.97N Lon: 8.67W Depth: 29F Agency: IGL Regional**  
**Magnitudes: 2.8ML IGL Rms: 0.1 secs**  
**WEST OF GIBRALTAR Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MORF HZ 37 2 EP 1227 7.64-.020 1.0  
 MORF HN 37 2 ES 1227 13.080.110 1.0  
 MORF HE 37 2 IAML 1227 14.93 1665 0.2  
 MESJ HZ 104 22 EP 1227 16.04-.200 1.0  
 MESJ HE 104 22 ES 1227 27.900.100 1.0  
 MESJ HE 104 22 IAML 1227 29.68 71 0.2

**June 28 2021 Hour: 14: 0 43.8 Lat: 15.45S Lon: 167.47E Depth: 98F Agency: IGL Distant**  
**Rms: 0.0 secs**  
**VANUATU Net: NEIC**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ BZ17515 351 EPKPab 1421 0.12-.010 1.0

**June 29 2021 Hour: 0:59 39.1 Lat: 35.47N Lon: 3.58W Depth: 10F 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 1 0 44.230.000 1.0

**June 29 2021 Hour: 2:53 27.4 Lat: 35.43N Lon: 3.58W Depth: 8F 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 493 304 EP 254 32.96-.140 1.0  
 MESJ HN 493 304 ES 255 21.260.180 1.0  
 MESJ HN 493 304 IAML 255 24.09 5 0.2  
 MORF HZ 500 296 EP 254 33.92-.040 1.0

**June 29 2021 Hour: 3:12 52.7 Lat: 34.05N Lon: 3.76W Depth: 9F Agency: IGL Regional**  
**Rms: 0.0 secs**  
**MOROCCO Net: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 582 318 EP 314 9.05-.000 1.0

**June 29 2021 Hour: 3:14 31.4 Lat: 34.06N Lon: 3.90W Depth: 6F Agency: IGL Regional**  
**Rms: 0.0 secs**  
**MOROCCO Nert: IMP**  
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT  
 MESJ HZ 572 318 EP 315 46.940.010 1.0

June 29 2021 Hour: 7:53 10.6 Lat: 38.09N Lon: 13.79W Depth: 10F 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	461	99	EP		754	7.92	-.110							1.0
MORF	HE	461	99	ES		754	49.77	-.180							1.0
MORF	HE	461	99	IAML		754	52.95			14	0.2				
MESJ	HZ	490	92	EP		754	11.620	.100							1.0
MESJ	HE	490	92	ES		754	56.200	.210							1.0
MESJ	HE	490	92	IAML		754	59.28			8	0.3				

June 29 2021 Hour: 19:31 38.3 Lat: 38.11N Lon: 8.75W Depth: 7F Agency: IGL Regional  
Magnitudes: 1.2ML IGL Rms: 0.2 secs

**SW MELIDES, PORTUGAL Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	55	123	EP		1931	47.10	-.250							1.0
MESJ	HN	55	123	ES		1931	53.980	.050							1.0
MESJ	HN	55	123	IAML		1931	55.81			5	0.1				
MORF	HZ	90	174	EP		1931	53.080	.210							1.0
MORF	HN	90	174	ES		1932	3.48	-.010							1.0
MORF	HE	90	174	IAML		1932	4.68			19	0.1				

June 30 2021 Hour: 0:59 25.3 Lat: 35.53N Lon: 3.74W 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	475	304	EP		1	0	29.570	.010						1.0

June 30 2021 Hour: 4:14 46.1 Lat: 37.31N Lon: 8.57W Depth: 11F 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	7	265	EP		414	48.01	-.320							1.0
MORF	HN	7	265	ES		414	50.210	.270							1.0
MORF	HE	7	265	IAML		414	50.87			52	0.1				
MESJ	HZ	66	28	EP		414	56.89	-.020							1.0
MESJ	HN	66	28	ES		415	4.870	.080							1.0
MESJ	HN	66	28	IAML		415	5.39			5	0.3				

June 30 2021 Hour: 10:13 36.1 Lat: 35.21N Lon: 5.46W Depth: 13F Agency: IGL Regional  
Magnitudes: 1.9ML IGL Rms: 0.2 secs

**MOROCCO Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	369	310	EP		1014	25.87	-.280							1.0
MESJ	HZ	382	321	EP		1014	27.990	.240							1.0
MESJ	HE	382	321	ES		1015	5.500	.040							1.0
MESJ	HN	382	321	IAML		1015	7.86			3	0.4				

June 30 2021 Hour: 11:54 4.3 Lat: 35.44N Lon: 11.43W Depth: 18F Agency: IGL Regional  
Magnitudes: 2.0ML IGL Rms: 0.0 secs

**AZORES-CAPE ST. VINCENT RIDGE Net: IMP**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	324	49	EP		1154	48.23	-.020							1.0
MORF	HN	324	49	ES		1155	20.360	.010							1.0
MORF	HN	324	49	IAML		1155	21.71			12	0.2				
MESJ	HZ	392	46	EP		1154	56.660	.040							1.0
MESJ	HN	392	46	ES		1155	34.81	-.020							1.0
MESJ	HN	392	46	IAML		1155	36.73			2	0.1				