

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

July to August

2022

Instituto D. Luiz
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STATIONS USED

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

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77 m

Marmelete (Picos)
MORF

Latitude	37.3043N
Longitude	8.6527W
Height	560 m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	25 0m

Grandola
GRNL

Latitude	38.108307N
Longitude	8.569027W
Height	172 m

July 1 2022 Hour: 5:48 35.8 Lat: 36.21N Lon: 8.01W Depth: 39F 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
 MESJ HN 182 354 ES 549 19.830.120 1.0
 MESJ HE 182 354 IAML 549 22.62 0.70 0.1
 GRNL CZ 217 347 EP 549 5.36-.120 1.0

July 1 2022 Hour: 21:19 0.3 Lat: 35.46N Lon: 3.63W Depth: 1F 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 488 304 EP 2120 5.96-.020 1.0
 GRNL CZ 529 305 EP 2120 11.060.020 1.0

July 1 2022 Hour: 21:32 6.6 Lat: 26.89N Lon: 55.29E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.2 secs
SOUTHERN IRAN Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 5988 299 EP 2141 29.790.110 1.0
 MESJ BZ 5988 299 IAmb 2141 34.80 206 1.5
 MESJ BN 5988 299 ES 2149 5.30-.120 1.0
 GRNL BZ 6014 299 EP 2141 31.570.190 1.0
 GRNL BZ 6014 299 IAmb 2141 34.18 134 1.1
 GRNL BN 6014 299 ES 2149 8.710.130 1.0
 MORF BZ 6035 298 EP 2141 32.920.130 1.0
 MORF BZ 6035 298 IAmb 2141 38.51 132 1.0
 MORF BN 6035 298 ES 2149 11.13-.040 1.0
 GGNV BZ 6055 300 EP 2141 33.43-.610 0.8
 GGNV BZ 6055 300 IAmb 2141 35.00 149 0.9

July 1 2022 Hour: 23:24 13.4 Lat: 26.91N Lon: 55.28E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 secs
SOUTHERN IRAN Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 5986 299 EP 2333 36.290.010 1.0
 MESJ BZ 5986 299 IAmb 2333 38.50 118 1.4
 MESJ BN 5986 299 ES 2341 12.000.080 1.0
 GRNL BZ 6012 299 EP 2333 38.080.090 1.0
 GRNL BZ 6012 299 IAmb 2333 40.50 131 1.1
 GRNL BZ 6012 299 ES 2341 15.150.070 1.0
 MORF BZ 6033 298 EP 2333 39.400.010 1.0
 MORF BZ 6033 298 IAmb 2333 41.99 66 1.0
 GGNV BZ 6053 300 EP 2333 40.38-.260 1.0
 GGNV BZ 6053 300 IAmb 2333 42.29 174 0.7

July 1 2022 Hour: 23:25 12.9 Lat: 26.90N Lon: 55.32E Depth: 10F Agency: IGL Distant
Magnitudes: 6.4Mb IGL Rms: 0.1 secs
SOUTHERN IRAN Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 5990 299 EP 2334 36.130.000 1.0
 MESJ BZ 5990 299 IAmb 2334 40.39 593 1.7
 GRNL BZ 6017 299 EP 2334 37.950.120 1.0
 GRNL BZ 6017 299 IAmb 2334 42.46 510 1.4
 MORF BZ 6037 298 EP 2334 39.320.080 1.0
 MORF BZ 6037 298 IAmb 2334 42.73 357 1.4
 GGNV BZ 6057 300 EP 2334 40.27-.210 1.0
 GGNV BZ 6057 300 IAmb 2334 42.92 1171 1.4

July 2 2022 Hour: 3:32 24.5 Lat: 36.76N Lon: 13.66W Depth: 45F 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	450	81	EP		333	20.62	-.050							1.0
GRNL	CZ	475	70	EP		333	23.64	-.060							1.0
GRNL	CN	475	70	ES		334	7.040	.120							1.0
GRNL	CN	475	70	IAML		334	9.05			4	0.1				

July 2 2022 Hour: 22: 2 12.5 Lat: 40.97N Lon: 78.08E Depth: 12F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7119	299	EP		2212	46.16	-.050							1.0
MESJ	BZ	7119	299	IAMB		2212	48.42			18	0.9				
GRNL	BZ	7129	299	EP		2212	46.800	.050							1.0
GRNL	BZ	7129	299	IAMB		2212	49.29			26	1.0				

July 3 2022 Hour: 3: 1 22.0 Lat: 36.76N Lon: 9.68W Depth: 21F 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	56	EP		3 1	38.98	-.060							1.0
MORF	HE	109	56	ES		3 1	51.560	.050							1.0
MORF	HE	109	56	IAML		3 1	52.17			13	0.2				
MESJ	HZ	176	47	EP		3 1	47.20	-.120							1.0
MESJ	HE	176	47	ES		3 2	6.070	.240							1.0
MESJ	HE	176	47	IAML		3 2	6.85			2	0.1				
GRNL	CZ	179	33	EP		3 1	47.49	-.170							1.0
GRNL	CN	179	33	ES		3 2	6.490	.070							1.0
GRNL	CN	179	33	IAML		3 2	8.77			6	0.1				

July 3 2022 Hour: 12:49 53.4 Lat: 37.83N Lon: 14.26W Depth: 10F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	499	95	EP		1250	55.36	-.120							1.0
MORF	HN	499	95	ES		1251	40.900	.140							1.0
MORF	HE	499	95	IAML		1251	44.97			4	0.2				
GRNL	CZ	501	85	EP		1250	55.44	-.250							1.0
GRNL	CN	501	85	ES		1251	41.360	.230							1.0
GRNL	CE	501	85	IAML		1251	45.41			3	0.2				

July 4 2022 Hour: 2: 8 6.7 Lat: 36.21N Lon: 8.72W Depth: 2F 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	121	3	EP		2 8	26.440	.160							1.0
MORF	HE	121	3	ES		2 8	40.40	-.160							1.0
MORF	HE	121	3	IAML		2 8	42.00			2	0.2				

July 4 2022 Hour: 7:27 21.4 Lat: 15.71S Lon: 177.56W Depth: 425F 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
GRNL	BZ17325	21	EPKP			746	54.330	.050							1.0
MESJ	BZ17365	21	EPKP			746	55.84	-.020							1.0
MORF	BZ17401	22	EPKP			746	57.29	-.030							1.0

July 4 2022 Hour: 9:17 43.0 Lat: 56.63N Lon: 169.09W Depth: 9F Agency: IGL Distant
 Magnitudes: 5.7Mb IGL Rms: 0.1 secs
PRIBILOF ISLANDS, ALASKA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9350	15	EP		930	13.97	-.100							1.0
GRNL	BZ	9350	15	IAMB		930	20.97			96	1.8				
GRNL	BN	9350	15	ESKSac		940	37.560	.100							1.0

July 4 2022 Hour: 13:32 25.6 Lat: 35.52N Lon: 3.66W Depth: 3F 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		1333	30.43	-.100							1.0
MORF	HZ	490	295	EP		1333	31.550	.070							1.0
GRNL	CZ	524	305	EP		1333	35.600	.020							1.0

July 4 2022 Hour: 13:59 47.9 Lat: 36.34N Lon: 9.05W Depth: 12F Agency: IGL Regional
 Magnitudes: 3.5ML 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	113	18	EP		14 0	6.030	.310							1.0
MORF	HN	113	18	ES		14 0	18.50	-.220							1.0
MORF	HN	113	18	IAML		14 0	20.99			1612	0.3				
MESJ	HZ	182	24	EP		14 0	14.970	.190							1.0
MESJ	HN	182	24	ES		14 0	34.500	.100							1.0
MESJ	HN	182	24	IAML		14 0	42.40			315	0.2				
GRNL	CZ	201	12	EP		14 0	16.93	-.180							1.0
GRNL	CN	201	12	ES		14 0	38.480	.060							1.0
GRNL	CN	201	12	IAML		14 0	46.57			528	0.1				
GGNV	HE	264	358	ES		14 0	51.66	-.300							0.9
GGNV	HN	264	358	IAML		14 0	53.55			212	0.2				

July 4 2022 Hour: 14:16 8.4 Lat: 35.39N Lon: 3.69W Depth: 3F Agency: IGL Regional
 Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	305	EP		1417	13.950	.030							1.0
GRNL	CZ	530	306	EP		1417	18.96	-.030							1.0

July 4 2022 Hour: 22:11 30.1 Lat: 36.35N Lon: 8.99W Depth: 10F Agency: IGL Regional
 Magnitudes: 2.5ML 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	111	16	EP		2211	48.020	.330							1.0
MORF	HN	111	16	ES		2212	0.49	-.020							1.0
MORF	HN	111	16	IAML		2212	5.69			176	0.3				
MESJ	HZ	179	22	EP		2211	56.74	-.110							1.0
MESJ	HN	179	22	ES		2212	16.490	.130							1.0
MESJ	HN	179	22	IAML		2212	21.53			26	0.2				
GRNL	CZ	199	11	EP		2211	58.93	-.360							1.0

July 4 2022 Hour: 22:24 53.9 Lat: 36.40N Lon: 9.02W Depth: 2F 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	18	EP		2225	10.82	-.050							1.0
MORF	HN	105	18	ES		2225	23.410	.120							1.0
MORF	HE	105	18	IAML		2225	24.36			7	0.2				
MESJ	HZ	175	24	EP		2225	20.76	-.070							1.0

July 5 2022 Hour: 1:25 19.3 Lat: 37.22N Lon: 7.55W Depth: 14F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

W CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	90	319	EP		125	33.65	-.030							1.0
MESJ	HN	90	319	ES		125	44.180	.030							1.0
MESJ	HN	90	319	IAML		125	45.66			2	0.2				

July 5 2022 Hour: 8:37 55.7 Lat: 35.51N Lon: 3.66W Depth: 3F 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		839	0.740	.090							1.0
GRNL	CZ	524	305	EP		839	5.60	-.100							1.0

July 5 2022 Hour: 18:48 53.6 Lat: 36.07N Lon: 8.64W Depth: 4F 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	137	359	EP		1849	15.39	-.120							1.0
MORF	HN	137	359	ES		1849	31.40	-.090							1.0
MORF	HN	137	359	IAML		1849	35.64			16	0.2				
MESJ	HZ	200	11	EP		1849	23.570	.070							1.0
MESJ	HN	200	11	ES		1849	45.450	.140							1.0
MESJ	HN	200	11	IAML		1849	47.33			3	0.1				
GRNL	CN	226	1	ES		1849	50.990	.010							1.0
GRNL	CN	226	1	IAML		1849	52.04			2	0.1				

July 5 2022 Hour: 20:46 53.7 Lat: 37.32N Lon: 8.55W Depth: 7F Agency: IGL Regional
Magnitudes: 0.6ML 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	10	258	EP		2046	55.53	-.100							1.0
MORF	HN	10	258	ES		2046	57.260	.200							1.0
MORF	HE	10	258	IAML		2046	57.47			141	0.2				
MESJ	HZ	64	27	EP		2047	3.91	-.170							1.0
MESJ	HN	64	27	ES		2047	11.810	.130							1.0
MESJ	HE	64	27	IAML		2047	12.73			0.80	0.1				
GRNL	CZ	87	359	EP		2047	7.70	-.070							1.0

July 5 2022 Hour: 21: 2 54.5 Lat: 38.13N Lon: 8.49W Depth: 2F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	8	253	EP		21	2	55.890	.080						1.0
GRNL	CN	8	253	ES		21	2	56.850	.110						1.0
GRNL	CE	8	253	IAML		21	2	57.23		117	0.0				
MESJ	HZ	40	144	EP		21	3	0.77	-.160						1.0
MESJ	HN	40	144	ES		21	3	5.57	-.040						1.0
MESJ	HN	40	144	IAML		21	3	7.89		5	0.1				

July 5 2022 Hour: 21:58 28.7 Lat: 38.24N Lon: 9.29W Depth: 21F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.7 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	54	13	EP		2158	36.60	-1.28							1.0
GGNV	HN	54	13	ES		2158	43.95	-.600							1.0
GGNV	HN	54	13	IAML		2158	44.53			823	0.1				
GRNL	CZ	65	103	EP		2158	40.220	.820							1.0
GRNL	CN	65	103	ES		2158	48.37	1.19							1.0
GRNL	CN	65	103	IAML		2158	48.52			630	0.1				
MESJ	HZ	104	115	EPg		2158	45.20	-.030							1.0
MESJ	HN	104	115	ES		2158	57.020	.060							1.0

MESJ HN	104	115	IAML	2158	57.98				79	0.2								
MORF HZ	118	151	EP	2158	46.79	-.090												1.0
MORF HN	118	151	ES	2159	0.05	-.060												1.0
MORF HN	118	151	IAML	2159	2.20				226	0.2								

July 6 2022 Hour: 1:58 49.9 Lat: 35.10N Lon: 2.64W 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	585	303	EP			2 0	6.800	.010							1.0
GRNL CZ	627	304	EP			2 0	11.81	-.010							1.0

July 6 2022 Hour: 11:39 57.0 Lat: 35.45N Lon: 3.63W Depth: 2F Agency: IGL Regional Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	489	304	EP			1141	2.860	.050							1.0
GRNL CZ	531	305	EP			1141	7.82	-.050							1.0

July 6 2022 Hour: 13:47 46.1 Lat: 38.72N Lon: 7.89W Depth: 12F Agency: IGL Regional Rms: 0.0 secs

Magnitudes: 1.3ML IGL

E ARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL CZ	90	221	EPg			1348	0.830	.000							1.0
GRNL CN	90	221	ES			1348	10.90	-.060							1.0
GRNL CN	90	221	IAML			1348	11.72			6	0.2				
MESJ HZ	102	196	EPg			1348	2.74	-.010							1.0
MESJ HE	102	196	ES			1348	14.200	.070							1.0
MESJ HE	102	196	IAML			1348	15.07			9	0.2				

July 6 2022 Hour: 18:46 23.9 Lat: 36.41N Lon: 4.57W Depth: 80F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.6ML IGL

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	362	297	EP			1847	11.120	.060							1.0
MESJ HN	362	297	ES			1847	45.34	-.170							1.0
MESJ HN	362	297	IAML			1847	47.90			2	0.3				
GRNL CZ	402	299	EP			1847	15.940	.110							1.0

July 7 2022 Hour: 1:56 40.6 Lat: 36.23N Lon: 11.09W Depth: 29F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 2.1ML IGL

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	248	61	EP			157	14.430	.040							1.0
MORF HN	248	61	ES			157	38.98	-.060							1.0
MORF HN	248	61	IAML			157	39.93			24	0.1				
GRNL CZ	306	46	EP			157	21.37	-.150							1.0
GRNL CN	306	46	ES			157	51.510	.120							1.0
GRNL CN	306	46	IAML			157	53.25			10	0.1				
MESJ HZ	312	54	EP			157	22.14	-.100							1.0
MESJ HE	312	54	ES			157	52.790	.160							1.0
MESJ HE	312	54	IAML			157	54.60			3	0.1				

July 7 2022 Hour: 11:27 34.1 Lat: 35.20N Lon: 11.52W Depth: 37F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.8ML IGL

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	47	EP			1128	20.110	.120							1.0
MORF HN	348	47	ES			1128	53.580	.080							1.0
MORF HE	348	47	IAML			1128	56.44			4	0.2				
MESJ HE	416	44	ES			1129	7.820	.050							1.0
MESJ HN	416	44	IAML			1129	11.10			2	0.3				
GRNL CZ	417	38	EP			1128	28.06	-.260							1.0

July 7 2022 Hour: 14:55 7.0 Lat: 36.69N Lon: 9.67W Depth: 20F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	53	EP		1455	24.720	.090							1.0
MORF	HN	113	53	ES		1455	37.580	.080							1.0
MORF	HN	113	53	IAML		1455	39.41		6	0.2					
MESJ	HZ	181	45	EP		1455	32.93	-.080							1.0
GRNL	CZ	185	32	EP		1455	33.39	-.090							1.0

July 7 2022 Hour: 19:18 27.0 Lat: 36.64N Lon: 9.78W Depth: 11F 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	125	54	EP		1918	46.46	-.170							1.0
MESJ	HN	192	46	ES		1919	15.840	.060							1.0
MESJ	HN	192	46	IAML		1919	16.47		2	0.2					
GRNL	CN	195	33	ES		1919	16.520	.120							1.0
GRNL	CN	195	33	IAML		1919	18.03		3	0.1					

July 7 2022 Hour: 22:35 19.4 Lat: 36.69N Lon: 9.73W Depth: 26F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	54	EP		2235	37.250	.140							1.0
MORF	HN	117	54	ES		2235	50.030	.010							1.0
MORF	HN	117	54	IAML		2235	50.73		124	0.2					
MESJ	HZ	185	46	EP		2235	45.38	-.060							1.0
MESJ	HE	185	46	ES		2236	4.530	.110							1.0
MESJ	HN	185	46	IAML		2236	6.53		17	0.1					
GRNL	CZ	188	33	EP		2235	45.70	-.100							1.0
GRNL	CN	188	33	ES		2236	4.95	-.110							1.0
GRNL	CN	188	33	IAML		2236	6.29		33	0.2					

July 7 2022 Hour: 23:15 4.6 Lat: 38.32N Lon: 9.33W Depth: 0 Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs
SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	71	109	EP		23 2	5.81	-.160							1.0
MESJ	HZ	111	118	EPg		23 2	12.590	.120							1.0
MORF	HZ	127	152	EP		23 2	15.150	.050							1.0

July 8 2022 Hour: 0:37 53.9 Lat: 38.05N Lon: 9.00W Depth: 9F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CN	38	79	ES		038	4.87	-.000							1.0
GRNL	CN	38	79	IAML		038	5.76		5	0.3					
MESJ	HZ	72	108	EP		038	5.640	.000							1.0

July 8 2022 Hour: 4:10 46.1 Lat: 35.43N Lon: 3.59W Depth: 11F 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	493	304	EP		411	51.40	-.090							1.0
MESJ	HE	493	304	ES		412	39.440	.250							1.0
MESJ	HN	493	304	IAML		412	42.60		10	0.4					
MORF	HZ	500	296	EP		411	52.28	-.060							1.0
GRNL	CZ	535	305	EP		411	56.43	-.120							1.0

July 8 2022 Hour: 8: 7 10.3 Lat: 37.78N Lon: 8.28W Depth: 17F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	9	39	EP		8	7	13.560	.140						1.0
MESJ	HN	9	39	ES		8	7	15.53	-.150						1.0
MESJ	HN	9	39	IAML		8	7	16.00		9	0.1				
GRNL	CZ	45	326	EP		8	7	18.010	.130						1.0
GRNL	CN	45	326	ES		8	7	23.29	-.110						1.0
GRNL	CN	45	326	IAML		8	7	23.99		7	0.1				

July 8 2022 Hour: 23:36 8.0 Lat: 18.93N Lon: 146.95E Depth: 10F Agency: IGL Distant
Rms: 0.1 secs

PAGAN REGION, NORTHERN MARIANA ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ13180	339	EPP			2356	12.08	-.060							1.0
GRNL	BZ13218	338	EPP			2356	14.48	-.060							1.0
MESJ	BZ13231	338	EPP			2356	15.480	.130							1.0
MORF	BZ13301	338	EPP			2356	19.76	-.000							1.0

July 9 2022 Hour: 0:43 9.8 Lat: 35.75N Lon: 10.24W Depth: 29F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VICENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	223	39	EP		043	40.460	.020							1.0
MORF	HE	223	39	ES		044	2.64	-.160							1.0
MORF	HE	223	39	IAML		044	4.25			11	0.1				
MESJ	HZ	293	37	EP		043	49.230	.100							1.0
MESJ	HN	293	37	ES		044	17.860	.030							1.0
MESJ	HN	293	37	IAML		044	21.24			4	0.2				
GRNL	CZ	301	29	EP		043	50.00	-.040							1.0
GRNL	CN	301	29	ES		044	19.470	.070							1.0
GRNL	CN	301	29	IAML		044	22.01			9	0.1				

July 9 2022 Hour: 2:28 11.6 Lat: 37.30N Lon: 8.87W Depth: 21F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	88	EP		228	16.00	-.140							1.0
MORF	HE	19	88	ES		228	19.41	-.070							1.0
MORF	HE	19	88	IAML		228	19.67			16	0.1				
MESJ	HZ	83	44	EP		228	25.010	.030							1.0
MESJ	HN	83	44	ES		228	34.860	.100							1.0
MESJ	HE	83	44	IAML		228	35.81			2	0.2				
GRNL	CZ	94	16	EP		228	26.550	.090							1.0

July 9 2022 Hour: 3:50 50.9 Lat: 37.10N Lon: 13.90W Depth: 10F Agency: IGL Regional
Magnitudes: 3.1ML 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	466	86	EP		351	49.060	.100							1.0
MORF	HN	466	86	ES		352	31.400	.070							1.0
MORF	HN	466	86	IAML		352	33.34			38	0.3				
GRNL	CZ	484	75	EP		351	50.91	-.130							1.0
GRNL	CN	484	75	ES		352	34.950	.020							1.0
GRNL	CN	484	75	IAML		352	39.02			45	0.1				
MESJ	HZ	509	79	EP		351	54.10	-.050							1.0

July 9 2022 Hour: 5:56 58.5 Lat: 36.45N Lon: 9.54W Depth: 16F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	39	EP		557	17.740	.030							1.0
MORF	HE	124	39	ES		557	31.71	-.060							1.0
MORF	HN	124	39	IAML		557	32.84			18	0.2				
MESJ	HZ	194	37	EP		557	26.470	.060							1.0
GRNL	CZ	203	25	EP		557	27.38	-.210							1.0
GRNL	CN	203	25	ES		557	49.030	.170							1.0
GRNL	CN	203	25	IAML		557	50.17			4	0.1				

July 9 2022 Hour: 21: 2 43.5 Lat: 38.74N Lon: 8.46W Depth: 1 Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CN	70	188	ES		21 3	3.220	.100							1.0
GRNL	CN	70	188	IAML		21 3	4.68			4	0.1				
MESJ	HZ	102	168	EP		21 2	59.82	-.070							1.0
MESJ	HE	102	168	ES		21 3	11.83	-.030							1.0
MESJ	HE	102	168	IAML		21 3	12.54			2	0.1				

July 9 2022 Hour: 21:34 39.0 Lat: 36.69N Lon: 9.59W Depth: 22F 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	108	50	EP		2134	55.73	-.070							1.0
MORF	HN	108	50	ES		2135	7.98	-.110							1.0
MORF	HN	108	50	IAML		2135	8.76			6	0.1				
MESJ	HN	177	43	ES		2135	22.900	.160							1.0
MESJ	HN	177	43	IAML		2135	23.34			0.90	0.1				
GRNL	CN	182	30	ES		2135	23.900	.030							1.0
GRNL	CN	182	30	IAML		2135	25.08			2					

July 9 2022 Hour: 23:10 16.3 Lat: 35.49N Lon: 3.60W Depth: 16F 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		2311	20.56	-.140							1.0
MORF	HZ	496	295	EP		2311	21.800	.160							1.0
GRNL	CZ	531	305	EP		2311	25.72	-.020							1.0

July 10 2022 Hour: 3: 3 1.6 Lat: 36.53N Lon: 7.59W Depth: 25F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	313	EP		3 3	20.46	-.230							1.0
MORF	HN	128	313	ES		3 3	34.740	.140							1.0
MORF	HN	128	313	IAML		3 3	43.12			513	0.2				
MESJ	HZ	156	339	EP		3 3	24.180	.060							1.0
MESJ	HN	156	339	ES		3 3	40.590	.060							1.0
MESJ	HN	156	339	IAML		3 3	48.21			239	0.1				
GRNL	CZ	195	334	EP		3 3	29.02	-.030							1.0

July 10 2022 Hour: 3:51 13.9 Lat: 35.52N Lon: 3.59W Depth: 7F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	303	EP		352	18.980	.000							1.0
GRNL	CZ	529	304	EP		352	24.02	-.000							1.0

July 10 2022 Hour: 4: 6 46.9 Lat: 36.65N Lon: 9.65W Depth: 19F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	51	EP		4 7	4.57	-.130							1.0
MORF	HN	114	51	ES		4 7	17.68	-.030							1.0
MORF	HN	114	51	IAML		4 7	18.53			3	0.1				
MESJ	HZ	182	43	EP		4 7	13.13	-.030							1.0
MESJ	HE	182	43	ES		4 7	32.530	.180							1.0
MESJ	HE	182	43	IAML		4 7	34.15			1	0.2				
GRNL	CN	187	30	ES		4 7	33.430	.030							1.0
GRNL	CN	187	30	IAML		4 7	34.79			1	0.1				

July 10 2022 Hour: 6:16 31.5 Lat: 35.55N Lon: 3.61W 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	303	EP		617	36.890	.030							1.0
GRNL	CZ	525	304	EP		617	41.86	-.030							1.0

July 10 2022 Hour: 6:22 7.4 Lat: 35.49N 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		623	12.920	.090							1.0
GRNL	CZ	526	305	EP		623	17.79	-.090							1.0

July 10 2022 Hour: 16:28 50.1 Lat: 38.76N Lon: 9.26W Depth: 6F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

NW AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	11	115	EP		1628	51.96	-.120							1.0
GGNV	HN	11	115	ES		1628	53.650	.120							1.0
GGNV	HN	11	115	IAML		1628	54.04			686	0.2				

July 10 2022 Hour: 21:51 18.4 Lat: 35.30N Lon: 3.63W Depth: 17F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	499	306	EP		2152	23.76	-.110							1.0
MORF	HZ	503	298	EP		2152	24.530	.050							1.0
GRNL	CZ	541	307	EP		2152	28.82	-.130							1.0
GRNL	CN	541	307	ES		2153	20.650	.190							1.0
GRNL	CN	541	307	IAML		2153	23.10			7	0.3				

July 10 2022 Hour: 22:23 33.8 Lat: 36.40N Lon: 10.99W Depth: 17F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	231	64	EP		2224	6.35	-.040							1.0
MORF	HN	231	64	ES		2224	30.12	-.030							1.0
MORF	HN	231	64	IAML		2224	31.40			8	0.1				
GRNL	CZ	286	48	EP		2224	13.15	-.050							1.0
GRNL	CE	286	48	ES		2224	42.040	.120							1.0
GRNL	CN	286	48	IAML		2224	43.70			4	0.2				
MESJ	HZ	293	56	EP		2224	13.95	-.120							1.0
MESJ	HE	293	56	ES		2224	43.560	.120							1.0
MESJ	HE	293	56	IAML		2224	44.29			1	0.1				

July 10 2022 Hour: 22:19 58.7 Lat: 18.83N Lon: 147.08E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

MARIANA ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ13195	339	EPP			2240	3.900	.090							1.0
GRNL	BZ13233	338	EPP			2240	6.03	-.180							1.0
GRNL	BZ13233	338	IAMs_20			2337	56.11		1183	20.0					
MESJ	BZ13246	338	EPP			2240	7.130	.100							1.0
MESJ	BZ13246	338	IAMs_20			2337	5.33		1570	17.0					
MORF	BZ13317	338	EPP			2240	11.42	-.020							1.0
MORF	BZ13317	338	IAMs_20			2337	31.48		1647	17.2					

July 11 2022 Hour: 4:42 2.8 Lat: 35.48N Lon: 3.59W 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	490	304	EP		443	8.400	.140							1.0
GRNL	CZ	532	305	EP		443	13.16	-.150							1.0

July 11 2022 Hour: 23:57 9.1 Lat: 37.35N Lon: 8.90W Depth: 22F Agency: IGL Regional
Magnitudes: 0.7ML 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
MESJ	HZ	81	48	EP		2357	22.130	.030							1.0
MESJ	HN	81	48	ES		2357	31.49	-.120							1.0
MESJ	HN	81	48	IAML		2357	32.02		2	0.1					
GRNL	CZ	89	19	EP		2357	23.270	.090							1.0

July 12 2022 Hour: 4: 2 4.4 Lat: 35.68N Lon: 4.73W Depth: 58F 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	393	309	EP		4 2	55.410	.010							1.0
GRNL	CZ	435	309	EP		4 3	0.53	-.010							1.0

July 12 2022 Hour: 4:56 15.1 Lat: 35.49N Lon: 3.60W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		457	20.90	-.060							1.0
GRNL	CZ	530	305	EP		457	26.060	.060							1.0

July 12 2022 Hour: 8:23 39.6 Lat: 36.09N Lon: 10.63W Depth: 23F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	222	52	ES		824	33.650	.120							1.0
MORF	HN	222	52	IAML		824	34.65		14	0.1					
GRNL	CZ	289	39	EP		824	19.02	-.050							1.0
GRNL	CN	289	39	ES		824	47.84	-.050							1.0
GRNL	CE	289	39	IAML		824	50.23		5	0.1					
MESJ	HZ	289	47	EP		824	19.05	-.030							1.0

July 12 2022 Hour: 23:36 13.4 Lat: 16.69S Lon: 71.12W Depth: 21F Agency: IGL Distant
Magnitudes: 5.3Ms IGL Rms: 0.1 secs

SOUTHERN PERU Net: GFZ

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8907	45	EP		2348	21.44	-.080							1.0
GRNL	BZ	8907	45	IAMs_20		2420	55.57		1608	22.2					
MESJ	BZ	8918	46	EP		2348	22.180	.080							1.0
MESJ	BZ	8918	46	IAMs_20		2421	2.25		1570	29.5					

July 13 2022 Hour: 5:58 21.6 Lat: 4.83S Lon: 154.78E Depth:467F Agency: IGL Distant
Rms: 0.0 secs

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15982	338	EPKP			617	0.700	.050							1.0
MESJ	BZ15993	337	EPKP			617	0.96-	.050							1.0

July 13 2022 Hour: 9:14 8.5 Lat: 38.73N Lon: 9.56W Depth: 1F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NW CASCAIS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	111	129	EP		9 2	6.17-	.170							1.0
GRNL	CE	111	129	ES		9 2	19.530	.170							1.0
GRNL	CN	111	129	IAML		9 2	21.68				9	0.2			

July 13 2022 Hour: 12:23 25.4 Lat: 36.67N Lon: 9.72W Depth: 30F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	53	EP		1223	42.980	.070							1.0
MORF	HN	118	53	ES		1223	55.69-	.020							1.0
MORF	HN	118	53	IAML		1223	56.68				117	0.1			
MESJ	HZ	186	45	EP		1223	51.24-	.050							1.0
MESJ	HN	186	45	ES		1224	10.340	.130							1.0
MESJ	HN	186	45	IAML		1224	10.66				12	0.3			
GRNL	CZ	190	32	EP		1223	51.52-	.210							1.0
GRNL	CN	190	32	ES		1224	11.040	.070							1.0
GRNL	CN	190	32	IAML		1224	13.65				27	0.2			

July 13 2022 Hour: 18:43 51.4 Lat: 35.50N Lon: 3.58W Depth: 20F 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	303	EP		1844	55.610	.090							1.0
GRNL	CZ	531	305	EP		1845	0.48-	.090							1.0

July 13 2022 Hour: 20:27 56.4 Lat: 35.50N Lon: 3.58W Depth: 20F 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	490	303	EP		2029	0.590	.070							1.0
GRNL	CZ	531	305	EP		2029	5.630	.060							1.0
GRNL	CN	531	305	ES		2029	55.92-	.130							1.0
GRNL	CN	531	305	IAML		2029	58.67				17	0.3			

July 13 2022 Hour: 22:38 29.8 Lat: 36.48N Lon: 11.12W Depth: 5F 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	238	67	EP		2239	4.390	.030							1.0
MORF	HN	238	67	ES		2239	29.41-	.200							1.0
MORF	HN	238	67	IAML		2239	32.56				22	0.2			
GRNL	CZ	290	51	EP		2239	10.800	.100							1.0
GRNL	CE	290	51	ES		2239	40.710	.140							1.0
GRNL	CN	290	51	IAML		2239	42.95				9	0.2			
MESJ	HZ	299	59	EP		2239	11.76-	.060							1.0

July 14 2022 Hour: 11:45.6 Lat: 38.78N Lon: 7.95W Depth: 10F Agency: IGL Regional
 Magnitudes: 0.7ML IGL Rms: 0.1 secs
 NE ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CN	92	216	ES		11 5	16.92	-.100							1.0
GRNL	CN	92	216	IAML		11 5	18.20			3	0.1				
MESJ	HZ	107	193	EP		11 5	8.770	.210							1.0
MESJ	HN	107	193	ES		11 5	20.87	-.110							1.0
MESJ	HN	107	193	IAML		11 5	21.80			0.90	0.1				

July 14 2022 Hour: 14:28 7.9 Lat: 36.77N Lon: 7.16W Depth: 35F Agency: IGL Regional
 Magnitudes: 1.6ML IGL Rms: 0.1 secs
 STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	145	294	EP		1428	28.65	-.150							1.0
MORF	HN	145	294	ES		1428	44.040	.020							1.0
MORF	HN	145	294	IAML		1428	44.50			14	0.2				
MESJ	HZ	151	322	EP		1428	29.560	.080							1.0
MESJ	HE	151	322	ES		1428	45.230	.020							1.0
MESJ	HE	151	322	IAML		1428	46.29			3	0.1				
GRNL	CZ	194	320	EP		1428	34.760	.000							1.0
GRNL	CN	194	320	ES		1428	54.360	.020							1.0
GRNL	CN	194	320	IAML		1428	55.89			6	0.3				

July 14 2022 Hour: 17:50 27.4 Lat: 15.05S Lon: 166.93E Depth: 22F Agency: IGL Distant
 Magnitudes: 5.9Ms IGL Rms: 0.1 secs
 VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17439	351	EPKp \bar{d} f			1810	19.90	-.170							1.0
GRNL	BZ17439	351	EPKpab			1810	50.130	.020							1.0
GRNL	BZ17439	351	EPP			1814	28.220	.020							1.0
GRNL	BZ17439	351	IAMs_20			1920	50.80			2574	37.7				
MESJ	BZ17462	350	EPKp \bar{d} f			1810	20.30	-.060							1.0
MESJ	BZ17462	350	EPKpab			1810	51.050	.030							1.0
MESJ	BZ17462	350	EPP			1814	29.510	.150							1.0
MESJ	BZ17462	350	IAMs_20			1921	18.38			1874	21.7				
MORF	BZ17528	351	EPKp \bar{d} f			1810	21.09	-.080							1.0
MORF	BZ17528	351	EPKpab			1810	53.57	-.070							1.0
MORF	BZ17528	351	EPP			1814	32.830	.150							1.0
MORF	BZ17528	351	IAMs_20			1932	19.27			1334	14.3				

July 14 2022 Hour: 22:30 11.6 Lat: 2.04S Lon: 79.81W Depth: 73F Agency: IGL Distant
 Magnitudes: 6.0Mb IGL Rms: 0.0 secs
 NEAR COAST OF ECUADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8493	49	EP		2241	52.66	-.060							1.0
GGNV	BZ	8493	49	IAMB		2241	54.43			403	1.5				
MORF	BZ	8499	51	EP		2241	53.130	.050							1.0
MORF	BZ	8499	51	IAMB		2241	54.26			336	1.2				
GRNL	BZ	8527	50	EP		2241	54.440	.010							1.0
GRNL	BZ	8527	50	IAMB		2241	55.71			174	0.9				
MESJ	BZ	8550	50	EP		2241	55.60	-.000							1.0
MESJ	BZ	8550	50	IAMB		2241	56.80			111	1.2				

July 14 2022 Hour: 23:17 35.9 Lat: 15.06S Lon: 166.90E Depth: 24F Agency: IGL Distant
 Magnitudes: 6.0Mb IGL Rms: 0.0 secs
 VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17440	351	EPKpab			2337	58.380	.000							1.0
MESJ	BZ17463	350	EPKpab			2337	59.350	.060							1.0
MORF	BZ17529	351	EPKpab			2338	1.85	-.060							1.0

July 15 2022 Hour: 6:45 9.0 Lat: 38.73N Lon: 7.91W Depth: 12F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.1 secs
EARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	220	EPg		645	23.640	.040							1.0
GRNL	CE	90	220	ES		645	33.55-	.130							1.0
GRNL	CE	90	220	IAML		645	34.61			3	0.2				
MESJ	HE	102	196	ES		645	37.070	.090							1.0
MESJ	HE	102	196	IAML		645	37.92			3	0.2				

July 15 2022 Hour: 22: 3 41.1 Lat: 36.62N Lon: 11.22W Depth: 33F 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	241	71	EP		22	4	13.65-	.120						1.0
MORF	HN	241	71	ES		22	4	37.56-	.050						1.0
MORF	HN	241	71	IAML		22	4	38.60			4	0.2			
GRNL	CZ	287	54	EP		22	4	19.40-	.080						1.0
GRNL	CE	287	54	ES		22	4	47.740	.250						1.0
GRNL	CN	287	54	IAML		22	4	48.33			1	0.1			

July 15 2022 Hour: 22:27 24.3 Lat: 36.74N Lon: 15.41W Depth: 32F 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	604	82	EP		2228	41.600	.150							1.0
GRNL	CZ	624	74	EP		2228	43.66-	.150							1.0

July 16 2022 Hour: 1:20 45.4 Lat: 35.81N Lon: 8.47W Depth: 24F Agency: IGL Regional
 Magnitudes: 2.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	167	354	EP		121	9.29-	.090							1.0
MORF	HN	167	354	ES		121	26.83-	.040							1.0
MORF	HN	167	354	IAML		121	29.25				21	0.2			
MESJ	HZ	226	5	EP		121	16.950	.190							1.0
GRNL	CZ	255	358	EP		121	20.360	.020							1.0
GRNL	CE	255	358	ES		121	45.77-	.070							1.0
GRNL	CN	255	358	IAML		121	48.82				18	0.1			

July 16 2022 Hour: 3:55 58.7 Lat: 36.36N Lon: 0.03E Depth: 15F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs
WESTERN MEDITERRANEAN SEA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	751	285	EP		357	34.61-	.110							1.0
GRNL	CZ	787	287	EP		357	39.040	.120							1.0

July 16 2022 Hour: 9:52 50.5 Lat: 35.32N Lon: 3.60W Depth: 29F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	499	305	EP		953	54.94-	.050							1.0
GRNL	CZ	541	306	EP		954	0.120	.050							1.0

July 16 2022 Hour: 11:27 35.4 Lat: 34.49N Lon: 69.71E Depth: 27F Agency: IGL Distant
 Magnitudes: 4.9Mb IGL Rms: 0.0 secs
HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6811	298	EP		1137	48.11-	.000							1.0
MESJ	BZ	6811	298	IAMB		1137	49.36				8	0.9			

July 17 2022 Hour: 3:5 2.1 Lat: 37.04N Lon: 8.98W Depth: 29F 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 41 44 EP 3 5 9.85-.030 1.0
 MORF HN 41 44 ES 3 5 15.580.030 1.0
 MORF HN 41 44 IAML 3 5 16.14 7 0.1

July 17 2022 Hour: 6:32 35.2 Lat: 36.85N Lon: 7.33W Depth: 27F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HE 128 294 ES 633 7.88-.070 1.0
 MORF HE 128 294 IAML 633 8.90 8 0.1
 MESJ HZ 135 325 EP 632 54.96-.030 1.0
 MESJ HE 135 325 ES 633 9.540.110 1.0
 MESJ HE 135 325 IAML 633 10.51 1.00 0.1

July 17 2022 Hour: 12:58 36.8 Lat: 0.04S Lon: 123.07E Depth:116F Agency: IGL Distant
Rms: 0.0 secs
SULAWESI, INDONESIA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ13528 316 EPKpdf 1317 16.41-.010 1.0
 GRNL BZ13541 316 EPKpdf 1317 16.670.050 1.0
 MORF BZ13590 315 EPKpdf 1317 17.49-.040 1.0

July 17 2022 Hour: 23:10 40.2 Lat: 36.45N Lon: 11.21W Depth: 30F Agency: IGL Regional
Magnitudes: 1.2ML 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
 GRNL CZ 298 51 EP 2311 20.100.080 1.0
 GRNL CN 298 51 ES 2311 48.99-.080 1.0
 GRNL CE 298 51 IAML 2311 50.33 1.00 0.1

July 18 2022 Hour: 6:39 8.2 Lat: 35.70N Lon: 8.88W Depth: 32F 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 179 6 EP 639 33.13-.110 1.0
 MORF HE 179 6 ES 639 51.640.100 1.0
 MORF HN 179 6 IAML 639 53.10 15 0.1
 MESJ HZ 245 14 EP 639 41.450.120 1.0
 MESJ HE 245 14 ES 640 5.560.020 0.0
 MESJ HN 245 14 IAML 640 7.25 3 0.1
 GRNL CZ 269 6 EP 639 44.20-.120 1.0

July 18 2022 Hour: 7:34 15.8 Lat: 36.85N Lon: 9.65W Depth: 17F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 102 60 EP 734 32.050.080 1.0
 MORF HN 102 60 ES 734 43.71-.040 1.0
 MORF HN 102 60 IAML 734 44.94 16 0.3
 GRNL CZ 169 34 EP 734 40.48-.150 1.0
 GRNL CN 169 34 ES 734 58.840.110 1.0
 GRNL CN 169 34 IAML 734 59.56 2 0.1

July 18 2022 Hour: 14:38 21.3 Lat: 36.59N Lon: 70.98E Depth:206F Agency: IGL Distant
Magnitudes: 4.5Mb IGL Rms: 0.0 secs

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6803	297	EP		1448	14.27	-.020							1.0
MESJ	BZ	6803	297	IAMB		1448	15.02			13	0.9				
GRNL	BZ	6818	298	EP		1448	15.190	.020							1.0
GRNL	BZ	6818	298	IAMB		1448	16.10			7	0.8				

July 18 2022 Hour: 18:40 33.4 Lat: 78.62N Lon: 6.25E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

SVALBARD REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	4558	198	EP		1848	16.710	.120							1.0
GRNL	BE	4558	198	ES		1854	29.72	-.000							1.0
GRNL	BZ	4558	198	IAMS_20		19 5	3.87			6444	15.7				
MESJ	BZ	4586	197	EP		1848	18.54	-.080							1.0
MESJ	BZ	4586	197	IAMS_20		19 4	20.67			5853	14.3				
MORF	BZ	4648	198	EP		1848	23.22	-.030							1.0
MORF	BZ	4648	198	IAMS_20		19 5	39.76			9018	19.4				

July 19 2022 Hour: 2: 9 29.4 Lat: 35.40N Lon: 3.66W Depth: 15F Agency: IGL Regional
Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	490	305	EP		210	34.050	.090							1.0
GRNL	CZ	532	306	EP		210	38.93	-.100							1.0

July 19 2022 Hour: 2:12 4.1 Lat: 36.64N Lon: 7.46W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	149	333	EP		212	26.980	.090							1.0
MESJ	HN	149	333	ES		212	43.500	.000							1.0
MESJ	HN	149	333	IAML		212	44.70			5	0.1				
GRNL	CZ	190	329	EP		212	31.96	-.020							1.0
GRNL	CN	190	329	ES		212	52.22	-.080							1.0
GRNL	CN	190	329	IAML		212	54.36			4	0.2				

July 19 2022 Hour: 10:28 23.4 Lat: 35.49N Lon: 3.69W Depth: 5F 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		1029	27.97	-.080							1.0
MORF	HZ	489	296	EP		1029	28.930	.010							1.0
GRNL	CZ	524	305	EP		1029	33.180	.070							1.0

July 19 2022 Hour: 12:54 45.8 Lat: 38.81N Lon: 8.11W Depth: 1 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NW ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	88	208	EP		1254	59.930	.020							1.0
GRNL	CN	88	208	ES		1255	10.280	.060							1.0
GRNL	CN	88	208	IAML		1255	11.55			19	0.2				
MESJ	HZ	108	185	EP		1255	3.430	.220							1.0
MESJ	HE	108	185	ES		1255	15.76	-.160							1.0
MESJ	HE	108	185	IAML		1255	16.68			7	0.2				
MORF	HZ	174	196	EP		1255	12.54	-.150							1.0

July 19 2022 Hour: 20:13 39.9 Lat: 36.92N Lon: 9.45W Depth: 2F 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	82	59	EP		2013	53.06	-.180							1.0
GRNL	CZ	153	30	EP		2014	4.220	.060							1.0
GRNL	CN	153	30	ES		2014	21.980	.140							1.0
GRNL	CN	153	30	IAML		2014	24.08			1	0.1				

July 20 2022 Hour: 5:54 47.0 Lat: 35.45N Lon: 3.63W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML 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	489	304	EP		555	52.73	-.210							1.0
MESJ	HN	489	304	ES		556	41.260	.160							1.0
MESJ	HN	489	304	IAML		556	42.58			9	0.4				
GRNL	CZ	530	305	EP		555	57.86	-.140							1.0
GRNL	CE	530	305	ES		556	50.040	.190							1.0
GRNL	CN	530	305	IAML		556	50.97			8	0.3				

July 20 2022 Hour: 7:38 38.0 Lat: 35.47N Lon: 3.62W Depth: 1 Agency: IGL Regional
Magnitudes: 0.0ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		739	43.740	.050							1.0
GRNL	CZ	530	305	EP		739	48.70	-.050							1.0

July 20 2022 Hour: 14:11 44.9 Lat: 35.46N Lon: 3.60W Depth: 11F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	490	304	EP		1412	49.85	-.050							1.0
MESJ	HN	490	304	ES		1413	37.35	-.010							1.0
MESJ	HN	490	304	IAML		1413	39.98			48	0.5				
MORF	HZ	497	296	EP		1412	50.790	.000							1.0
GRNL	CZ	532	305	EP		1412	55.010	.060							1.0

July 20 2022 Hour: 17: 7 30.1 Lat: 35.48N Lon: 3.59W Depth: 21F 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	490	304	EP		17 8	34.240	.050							1.0
GRNL	CZ	532	305	EP		17 8	39.19	-.050							1.0

July 20 2022 Hour: 19:56 11.1 Lat: 35.45N Lon: 3.62W Depth: 10F 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
GRNL	CZ	531	305	EP		1957	21.13	-.000							1.0

July 20 2022 Hour: 20:10 2.9 Lat: 37.32N Lon: 8.56W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	257	EP		2010	5.39	-.090							1.0
MORF	HE	9	257	ES		2010	7.34	-.020							1.0
MORF	HN	9	257	IAML		2010	8.28			71	0.1				
GRNL	CN	87	359	ES		2010	27.070	.120							1.0
GRNL	CN	87	359	IAML		2010	27.62			3	0.1				

July 21 2022 Hour: 0:58 42.3 Lat: 36.18N Lon: 7.63W Depth: 28F 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
GRNL	CZ	230	339	EP		059	13.780	.000							1.0

July 21 2022 Hour: 2:51 8.4 Lat: 36.45N Lon: 8.17W Depth: 25F 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	104	336	EP		251	24.32	-.200							1.0
MESJ	HZ	154	358	EP		251	30.790	.080							1.0
MESJ	HN	154	358	ES		251	47.140	.130							1.0
MESJ	HN	154	358	IAML		251	48.88			0.90	0.2				

July 21 2022 Hour: 5:51 47.5 Lat: 35.72N Lon: 0.34W Depth: 9F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	741	291	EP		553	22.97	-.000							1.0
GRNL	CZ	779	292	EP		553	27.440	.000							1.0

July 21 2022 Hour: 9:54 12.6 Lat: 38.56N Lon: 9.95W Depth: 15F Agency: IGL Regional
Rms: 0.1 secs

SW CASCAIS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	131	112	EP		954	32.74	-.070							1.0
MESJ	HZ	171	117	EP		954	37.930	.070							1.0

July 21 2022 Hour: 13:39 9.0 Lat: 36.53N Lon: 7.56W Depth: 32F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	312	EP		1339	27.56	-.270							1.0
MESJ	HZ	156	338	EP		1339	31.190	.060							1.0
MESJ	HN	156	338	ES		1339	47.26	-.040							1.0
MESJ	HN	156	338	IAML		1339	48.95			6	0.1				
GRNL	CZ	196	333	EP		1339	36.210	.120							1.0
GRNL	CN	196	333	ES		1339	56.020	.150							1.0
GRNL	CN	196	333	IAML		1339	58.00			4	0.1				

July 21 2022 Hour: 14:28 10.5 Lat: 36.72N Lon: 9.70W Depth: 17F 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	114	55	EP		1428	28.37	-.090							1.0
MORF	HE	114	55	ES		1428	41.810	.220							1.0
MORF	HE	114	55	IAML		1428	42.63			13	0.1				
MESJ	HZ	181	46	EP		1428	36.72	-.050							1.0
GRNL	CZ	184	33	EP		1428	37.02	-.120							1.0
GRNL	CN	184	33	ES		1428	56.630	.020							1.0
GRNL	CN	184	33	IAML		1428	57.83			5	0.1				

July 21 2022 Hour: 15:52 33.6 Lat: 36.67N Lon: 10.64W Depth: 45F 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	190	68	EP		1553	0.080	.010							1.0
MORF	HN	190	68	ES		1553	19.34	-.080							1.0
MORF	HN	190	68	IAML		1553	20.87			178	0.1				
GRNL	CZ	243	48	EP		1553	6.55	-.010							1.0
GRNL	CN	243	48	ES		1553	30.790	.150							1.0
GRNL	CE	243	48	IAML		1553	33.08			113	0.1				

MESJ HZ	251	58	EP	1553	7.35	-.150														1.0
MESJ HN	251	58	ES	1553	32.350	.080														1.0
MESJ HN	251	58	IAML	1553	33.55					28	0.1									

July 21 2022 Hour: 19:26 8.7 Lat: 35.53N Lon: 3.57W 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
GRNL CZ	529	304	EP		1927	18.51	-.010							1.0

July 21 2022 Hour: 22:22 44.0 Lat: 37.00N Lon: 13.75W Depth: 10F 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	454	84	EP		2223	40.600	.030							1.0
GRNL CZ	474	73	EP		2223	42.91	-.040							1.0

July 22 2022 Hour: 15:44 21.1 Lat: 36.17N Lon: 11.09W Depth: 31F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 2.0ML IGL
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	251	59	EP		1544	54.24	-.120							1.0
MORF HE	251	59	ES		1545	18.56	-.060							1.0
MORF HN	251	59	IAML		1545	19.89				8	0.1			
GRNL CZ	310	45	EP		1545	1.760	.100							1.0
MESJ HZ	315	53	EP		1545	2.390	.100							1.0

July 22 2022 Hour: 19:18 19.5 Lat: 35.90N Lon: 7.57W Depth: 30F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.4ML IGL
WEST OF GIBRALTAR Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL CZ	260	340	EP		1918	54.44	-.160							1.0
GRNL CN	260	340	ES		1919	20.400	.160							1.0
GRNL CN	260	340	IAML		1919	20.70				2	0.1			

July 22 2022 Hour: 22:15 37.5 Lat: 37.32N Lon: 8.57W Depth: 18F Agency: IGL Regional Rms: 0.0 secs

Magnitudes: 0.2ML IGL
NW MONCHIQUE, PORTUGAL Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	8	255	EP		2215	40.68	-.040							1.0
MORF HE	8	255	ES		2215	43.080	.030							1.0
MORF HE	8	255	IAML		2215	43.56				4	0.1			
MESJ HE	65	28	ES		2215	55.910	.010							1.0
MESJ HN	65	28	IAML		2215	57.33				2	0.1			

July 22 2022 Hour: 22:44 2.5 Lat: 37.37N Lon: 6.99W Depth: 1F Agency: IGL Regional Rms: 0.1 secs

SPAIN Net: MAD

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	121	296	EP		2244	22.070	.160							1.0
GRNL CZ	162	301	EP		2244	27.73	-.160							1.0

July 23 2022 Hour: 5:56 26.8 Lat: 36.53N Lon: 12.69W Depth: 30F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 3.0ML IGL
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	370	75	EP		557	13.05	-.040							1.0
MORF HE	370	75	ES		557	47.080	.190							1.0
MORF HE	370	75	IAML		557	49.28				43	0.1			
GRNL CZ	405	63	EP		557	17.31	-.050							1.0
MESJ HZ	423	69	EP		557	19.41	-.110							1.0

July 23 2022 Hour: 6: 0 50.7 Lat: 35.53N Lon: 3.67W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	522	305	EP		6 2	0.710	.000							1.0

July 23 2022 Hour: 15:30 44.7 Lat: 37.95N Lon: 8.70W Depth: 5F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

S SANTIAGO DO CACEM PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	21	33	EP		1530	47.87	-.230							1.0
GRNL	CN	21	33	ES		1530	50.650	.030							1.0
GRNL	CN	21	33	IAML		1530	50.98			39	0.1				
MESJ	HZ	44	106	EP		1530	51.860	.080							1.0
MESJ	HE	44	106	ES		1530	57.050	.070							1.0
MESJ	HN	44	106	IAML		1530	57.69			4	0.1				
MORF	HZ	72	177	EP		1530	56.420	.110							1.0
MORF	HE	72	177	ES		1531	4.76	-.050							1.0
MORF	HN	72	177	IAML		1531	6.36			5	0.2				

July 23 2022 Hour: 16: 7 48.1 Lat: 26.91N Lon: 55.21E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5980	299	EP		1617	10.630	.010							1.0
MESJ	BZ	5980	299	IAMB		1617	15.47			22	1.1				
GRNL	BZ	6006	299	EP		1617	12.32	-.010							1.0
GRNL	BZ	6006	299	IAMB		1617	17.69			37	0.8				

July 23 2022 Hour: 16: 9 6.9 Lat: 27.00N Lon: 55.38E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.1 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5990	299	EP		1618	30.03	-.060							1.0
MESJ	BZ	5990	299	IAMB		1618	35.16			36	0.3				
GRNL	BZ	6016	299	EP		1618	31.72	-.080							1.0
GRNL	BZ	6016	299	IAMB		1618	38.48			50	1.0				
MORF	BZ	6037	298	EP		1618	33.360	.150							1.0
MORF	BZ	6037	298	IAMB		1618	38.88			40	1.0				

July 23 2022 Hour: 18:45 34.9 Lat: 36.12N Lon: 10.44W Depth: 32F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	207	50	EP		1846	3.540	.180							1.0
MORF	HN	207	50	ES		1846	24.13	-.020							1.0
MORF	HE	207	50	IAML		1846	27.15			476	0.2				
MESJ	HZ	275	45	EP		1846	11.74	-.030							1.0
MESJ	HN	275	45	ES		1846	38.59	-.100							1.0
MESJ	HN	275	45	IAML		1846	40.27			82	0.2				
GRNL	CZ	276	36	EP		1846	11.91	-.050							1.0

July 24 2022 Hour: 9: 3 1.3 Lat: 38.74N Lon: 8.46W Depth: 1 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	70	188	EP		9 3	12.52	-.090							1.0
GRNL	CN	70	188	ES		9 3	21.100	.220							1.0
GRNL	CN	70	188	IAML		9 3	21.83			6	0.2				
MESJ	HZ	102	168	EP		9 3	17.54	-.140							1.0
MESJ	HN	102	168	ES		9 3	29.650	.000							1.0
MESJ	HE	102	168	IAML		9 3	31.14			6	0.2				

July 24 2022 Hour: 12:43 41.3 Lat: 37.31N Lon: 8.60W Depth: 15F 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	HZ	5	259	EP		1243	43.75	-.130							1.0
MORF	HN	5	259	ES		1243	45.890	.130							1.0
MORF	HN	5	259	IAML		1243	46.23			15	0.3				

July 24 2022 Hour: 17:21 0.7 Lat: 37.33N Lon: 8.48W Depth: 6F 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	15	259	EP		1721	3.35	-.060							1.0
MORF	HE	15	259	ES		1721	5.520	.150							1.0
MORF	HE	15	259	IAML		1721	5.87			270	0.2				
GRNL	CZ	87	355	EP		1721	14.800	.060							1.0
GRNL	CN	87	355	ES		1721	24.82	-.160							1.0
GRNL	CN	87	355	IAML		1721	27.56			17	0.2				

July 24 2022 Hour: 19:30 51.7 Lat: 14.86S Lon: 167.42E Depth: 129F 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	BZ	17450	351	EPKP		1951	1.87	-.000							1.0

July 24 2022 Hour: 23:49 45.3 Lat: 36.70N Lon: 12.49W Depth: 29F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	348	78	ES		2351	5.340	.150							1.0
MORF	HE	348	78	IAML		2351	6.24			9	0.2				
GRNL	CZ	381	65	EP		2350	35.47	-.050							1.0
GRNL	CN	381	65	ES		2351	11.95	-.190							1.0
GRNL	CN	381	65	IAML		2351	15.18			6	0.3				
MESJ	HE	399	70	ES		2351	16.180	.090							1.0
MESJ	HE	399	70	IAML		2351	17.03			1	0.1				

July 25 2022 Hour: 1:20 49.7 Lat: 36.33N Lon: 4.57W Depth: 72F 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	365	298	EP		121	37.40	-.090							1.0
MESJ	HN	365	298	ES		122	12.440	.050							1.0
MESJ	HN	365	298	IAML		122	14.90			26	0.1				
MORF	HZ	380	288	EP		121	39.17	-.130							1.0
MORF	HN	380	288	ES		122	15.44	-.080							1.0
MORF	HN	380	288	IAML		122	18.20			43	0.2				
GRNL	CZ	406	300	EP		121	42.410	.050							1.0
GRNL	CE	406	300	ES		122	21.040	.210							1.0
GRNL	CN	406	300	IAML		122	23.94			34	0.2				

July 25 2022 Hour: 2:49 49.7 Lat: 43.05N Lon: 14.63W Depth: 22F 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
GRNL	CZ	751	135	EP		251	22.47	-.180							1.0
GRNL	CE	751	135	ES		252	30.830	.330							1.0
GRNL	CE	751	135	IAML		252	33.90			3	0.1				
MESJ	HZ	794	135	EP		251	27.70	-.190							1.0
MESJ	HE	794	135	ES		252	39.590	.020							1.0
MESJ	HN	794	135	IAML		252	43.41			1	0.2				
MORF	HE	816	139	ES		252	44.370	.010							1.0
MORF	HE	816	139	IAML		252	45.70			2	0.1				

July 25 2022 Hour: 10:33 37.9 Lat: 35.55N Lon: 3.78W 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
GRNL	CZ	513	305	EP		1034	46.71	-.000							1.0

July 25 2022 Hour: 13:33 29.9 Lat: 0.56N Lon: 77.86W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

COLOMBIA-ECUADOR BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8149	51	EP		1345	1.480	.160							1.0
MORF	BZ	8149	51	IAMs_20		1412	18.38			1858	21.3				
GRNL	BZ	8176	50	EP		1345	2.59	-.080							1.0
GRNL	BN	8176	50	ES		1354	33.050	.060							1.0
GRNL	BZ	8176	50	IAMs_20		1414	26.87			2338	23.4				
MESJ	BZ	8200	51	EP		1345	3.80	-.130							1.0
MESJ	BZ	8200	51	IAMs_20		1414	14.83			2111	25.1				

July 25 2022 Hour: 15:55 15.4 Lat: 26.88N Lon: 55.18E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5979	299	EP		16 4	37.920	.110							1.0
GRNL	BZ	6005	299	EP		16 4	39.42	-.110							1.0
GRNL	BZ	6005	299	IAMB		16 4	40.84			11	0.5				

July 25 2022 Hour: 20:25 44.6 Lat: 36.62N Lon: 11.25W Depth: 31F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	243	71	EP		2026	16.87	-.030							1.0
MORF	HN	243	71	ES		2026	40.570	.110							1.0
MORF	HN	243	71	IAML		2026	43.13			27	0.1				
GRNL	CZ	289	54	EP		2026	22.580	.030							1.0
MESJ	HZ	301	62	EP		2026	23.91	-.110							1.0
MESJ	HN	301	62	ES		2026	52.77	-.000							1.0
MESJ	HN	301	62	IAML		2026	57.53			7	0.1				

July 25 2022 Hour: 20:38 4.0 Lat: 37.23N Lon: 14.48W Depth: 31F 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
GRNL	CZ	531	78	EP		2039	11.460	.030							1.0
GRNL	CN	531	78	ES		2040	0.61	-.030							1.0
GRNL	CE	531	78	IAML		2040	4.76			5	0.1				

July 26 2022 Hour: 0:40 3.0 Lat: 36.47N Lon: 5.29W Depth: 20F 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	301	301	EP		040	44.060	.080							1.0
MESJ	HN	301	301	ES		041	13.68	-.210							1.0
MESJ	HN	301	301	IAML		041	16.28			138	0.2				
MORF	HZ	314	288	EP		040	45.50	-.050							1.0
MORF	HN	314	288	ES		041	16.680	.080							1.0
MORF	HN	314	288	IAML		041	19.11			105	0.1				
GRNL	CZ	343	303	EP		040	49.280	.150							1.0
GRNL	CE	343	303	ES		041	22.77	-.030							1.0
GRNL	CN	343	303	IAML		041	24.88			58	0.2				

July 26 2022 Hour: 9:23 13.2 Lat: 37.34N Lon: 8.48W Depth: 11F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	254	EP		923	16.09	-.270							1.0
MORF	HN	16	254	ES		923	18.62	-.030							1.0
MORF	HN	16	254	IAML		923	18.99			120	0.1				
MESJ	HZ	60	23	EP		923	23.080	.090							1.0
GRNL	CZ	85	355	EP		923	27.060	.210							1.0
GRNL	CE	85	355	ES		923	36.820	.020							1.0
GRNL	CN	85	355	IAML		923	39.38			8	0.1				

July 26 2022 Hour: 20:37 18.8 Lat: 36.44N Lon: 70.56E Depth: 216F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.0 secs

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6778	297	EP		2047	9.21	-.000							1.0
MESJ	BZ	6778	297	IAMB		2047	10.54			16	0.9				

July 26 2022 Hour: 22:18 43.2 Lat: 37.08N Lon: 9.70W Depth: 15F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	97	75	ES		2219	9.860	.130							1.0
MORF	HE	97	75	IAML		2219	11.59			7	0.1				
GRNL	CZ	152	41	EP		2219	5.89	-.140							1.0

July 27 2022 Hour: 0:43 25.7 Lat: 17.56N Lon: 120.80E Depth: 10F Agency: IGL Distant
Magnitudes: 7.0Ms IGL Rms: 0.1 secs

LUZON, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BE11908	321	IAMs_20			142	0.16			107000	21.6				
MESJ	BZ11908	320	EPdif			057	41.91	-.000							1.0
MESJ	BZ11908	320	EPP			1 2	8.370	.110							1.0
GGNV	BZ11908	321	EPP			1 2	8.310	.050							1.0
MESJ	BZ11908	320	IAMs_20			152	39.44			29744	21.4				
GGNV	BZ11908	321	EPdif			057	41.77	-.130							1.0
GRNL	BZ11913	320	EPdif			057	42.07	-.020							1.0
GRNL	BZ11913	320	EPP			1 2	8.770	.210							1.0
GRNL	BE11913	320	IAMs_20			141	20.29			49641	30.5				
MORF	BZ11975	320	EPdif			057	44.47	-.180							1.0
MORF	BZ11975	320	EPP			1 2	12.71	-.030							1.0
MORF	BE11975	320	IAMs_20			151	15.89			45507	18.7				

July 27 2022 Hour: 14:17 7.3 Lat: 38.73N Lon: 8.45W Depth: 1F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

NE VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	70	189	EP		1417	18.36	-.140							1.0
MESJ	HZ	101	169	EP		1417	23.700	.200							1.0
MESJ	HN	101	169	ES		1417	35.31	-.060							1.0
MESJ	HN	101	169	IAML		1417	37.65			16	0.1				
MORF	HN	159	187	ESg		1417	51.670	.010							1.0
MORF	HN	159	187	IAML		1417	52.45			27	0.3				

July 27 2022 Hour: 18:58 57.8 Lat: 22.20S Lon: 68.50W Depth: 97F Agency: IGL Distant
Magnitudes: 5.7Ms 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	9089	44	EP		1911	5.50	-.100							1.0
MORF	BN	9089	44	ES		1921	10.890	.070							1.0
MORF	BE	9089	44	IAMs_20		1942	21.61			3526	24.5				
GGNV	BZ	9147	43	EP		1911	8.270	.080							1.0

GGNV	BN	9147	43	ES		1921	15.88	-.040									1.0
GGNV	BZ	9147	43	IAMs_20		1940	7.49			8099	49.2						
GRNL	BZ	9148	44	EP		1911	8.19	-.070									1.0
GRNL	BE	9148	44	ES		1921	15.94	-.120									1.0
GRNL	BZ	9148	44	IAMs_20		1942	29.61			4378	28.2						
MESJ	BZ	9155	44	EP		1911	8.59	-.040									1.0
MESJ	BN	9155	44	ES		1921	17.010	.250									0.9
MESJ	BZ	9155	44	IAMs_20		1942	54.72			3526	19.7						

July 28 2022 Hour: 2:20 35.3 Lat: 34.34N Lon: 8.85W Depth: 32F 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	330	3	EP		221	18.85	-.200							1.0
MORF	HE	330	3	ES		221	51.070	.100							1.0
MORF	HE	330	3	IAML		221	55.26			37	0.3				
MESJ	HZ	393	8	EP		221	26.950	.140							1.0
GRNL	CZ	419	3	EP		221	29.97	-.040							1.0

July 28 2022 Hour: 4:15 5.4 Lat: 21.93S Lon: 70.34W Depth: 54F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs

OFFSHORE ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9202	45	EpP		427	38.77	-.000							1.0
MORF	BN	9202	45	ES		437	37.28	-.230							1.0
MORF	BE	9202	45	IAMs_20		457	46.62			5258	27.6				
GGNV	BZ	9255	44	EpP		427	41.370	.180							1.0
GGNV	BN	9255	44	ES		437	42.08	-.120							1.0
GGNV	BE	9255	44	IAMs_20		455	46.71			12015	49.3				
GRNL	BZ	9258	44	EpP		427	41.440	.090							1.0
GRNL	BN	9258	44	ES		437	42.10	-.150							1.0
GRNL	BZ	9258	44	IAMs_20		457	55.38			5816	32.7				
MESJ	BZ	9267	45	EpP		427	41.940	.180							1.0
MESJ	BN	9267	45	ES		437	42.810	.040							1.0
MESJ	BZ	9267	45	IAMs_20		458	25.34			4626	26.3				

July 28 2022 Hour: 18:28 21.6 Lat: 7.03S Lon: 146.74E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

EASTERN GUINEA REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15787	328	EPKp _f			1847	52.94	-.070							1.0
GRNL	BZ15787	328	IAMs_20			1951	54.90			1536	23.7				
MESJ	BZ15789	327	EPKp _f			1847	52.97	-.080							1.0
MESJ	BZ15789	327	IAMs_20			1943	15.63			925	22.8				
MORF	BZ15858	327	EPKp _f			1847	54.360	.160							1.0
MORF	BZ15858	327	IAMs_20			1943	13.64			2238	38.4				

July 28 2022 Hour: 19:41 15.1 Lat: 36.65N Lon: 9.76W Depth: 32F Agency: IGL Regional
Magnitudes: 2.6ML 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	122	53	EP		1941	33.090	.060							1.0
MORF	HN	122	53	ES		1941	46.200	.050							1.0
MORF	HN	122	53	IAML		1941	46.96			215	0.1				
MESJ	HZ	190	45	EP		1941	41.34	-.060							1.0
MESJ	HN	190	45	ES		1942	0.690	.070							1.0
MESJ	HN	190	45	IAML		1942	2.17			20	0.1				
GRNL	CZ	193	33	EP		1941	41.59	-.210							1.0
GRNL	CE	193	33	ES		1942	1.410	.090							1.0
GRNL	CN	193	33	IAML		1942	2.41			53	0.1				

July 28 2022 Hour: 21:35 34.0 Lat: 36.54N Lon: 9.84W Depth: 32F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	135	51	EP		2135	53.740	.180							1.0
MORF	HN	135	51	ES		2136	7.910	.040							1.0
MORF	HN	135	51	IAML		2136	8.83			54	0.1				
MESJ	HZ	204	44	EP		2136	1.93	-.060							1.0
MESJ	HE	204	44	ES		2136	22.500	.040							1.0
MESJ	HN	204	44	IAML		2136	23.40			10	0.3				
GRNL	CZ	207	32	EP		2136	2.27	-.180							1.0
GRNL	CN	207	32	ES		2136	23.23	-.030							1.0
GRNL	CN	207	32	IAML		2136	25.04			18	0.1				

July 29 2022 Hour: 7:37 1.0 Lat: 36.25N Lon: 7.78W Depth: 32F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	141	327	EP		737	21.03	-.240							1.0
MORF	HE	141	327	ES		737	35.94	-.100							1.0
MORF	HE	141	327	IAML		737	36.92			17	0.1				
MESJ	HZ	181	348	EP		737	26.460	.210							1.0
MESJ	HN	181	348	ES		737	44.680	.030							1.0
MESJ	HN	181	348	IAML		737	47.26			4	0.2				
GRNL	CZ	218	342	EP		737	30.81	-.030							1.0
GRNL	CN	218	342	ES		737	52.740	.140							1.0
GRNL	CN	218	342	IAML		737	54.48			7	0.2				

July 29 2022 Hour: 11:29 43.2 Lat: 37.16N Lon: 14.20W Depth: 10F 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	492	86	EP		1130	44.36	-.050							1.0
GRNL	CZ	508	76	EP		1130	46.06	-.200							1.0
GRNL	CN	508	76	ES		1131	32.550	.250							1.0
GRNL	CN	508	76	IAML		1131	36.28			2	0.1				

July 29 2022 Hour: 13: 1 13.9 Lat: 50.40N Lon: 90.62E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs
RUSSIA-MONGOLIA BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7423	303	EP		1312	5.63	-.010							1.0
GGNV	BN	7423	303	IAMs_20		1339	30.71			6832	15.1				
GRNL	BZ	7438	302	EP		1312	6.600	.100							1.0
GRNL	BN	7438	302	IAMs_20		1339	41.78			6183	17.3				
MESJ	BZ	7438	302	EPP		1314	33.82	-.120							1.0
MESJ	BZ	7438	302	IAMs_20		1339	40.34			3280	11.1				
GRNL	BN	7438	302	ES		1321	0.32	-.060							1.0
MESJ	BZ	7438	302	EP		1312	6.640	.080							1.0
MORF	BZ	7508	302	EP		1312	10.600	.020							1.0
MORF	BN	7508	302	IAMs_20		1339	54.89			5767	15.5				

July 29 2022 Hour: 17: 4 16.9 Lat: 38.01N Lon: 8.24W Depth: 13F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs
SW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	20	174	EP		17 4	20.920	.180							1.0
MESJ	HE	20	174	ES		17 4	23.560	.050							1.0
MESJ	HN	20	174	IAML		17 4	23.76			8	0.1				
GRNL	CZ	31	290	EP		17 4	22.280	.000							1.0
GRNL	CN	31	290	ES		17 4	25.94	-.230							1.0
GRNL	CN	31	290	IAML		17 4	26.27			4	0.1				

July 29 2022 Hour: 17: 5 50.7 Lat: 38.04N Lon: 8.21W Depth: 1 Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

W FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	22	182	EP		17	5	54.500	.200						1.0
MESJ	HE	22	182	ES		17	5	57.000	.090						1.0
MESJ	HN	22	182	IAML		17	5	57.34		16	0.1				
GRNL	CZ	32	284	EP		17	5	55.89	-.030						1.0
GRNL	CN	32	284	ES		17	5	59.46	-.260						1.0
GRNL	CE	32	284	IAML		17	5	59.98		17	0.1				

July 29 2022 Hour: 19:45 21.6 Lat: 35.46N Lon: 3.63W Depth: 7F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	488	304	EP		1946		26.70	-.050						1.0
GRNL	CZ	530	305	EP		1946		31.860	.050						1.0

July 29 2022 Hour: 22:51 48.8 Lat: 35.47N Lon: 3.64W Depth: 6F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	487	304	EP		2252		53.95	-.020						1.0
GRNL	CZ	529	305	EP		2252		59.050	.020						1.0

July 29 2022 Hour: 23: 5 43.6 Lat: 51.19N Lon: 160.96E Depth: 7F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.0 secs

OFF EAST COAST OF KAMCHATKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ10066	352	EP			2318		46.00	-.020						1.0
GRNL	BZ10066	352	IAMs_20			24	9	1.52		1065	18.1				
MESJ	BZ10092	351	EP			2318		47.140	.020						1.0
MESJ	BZ10092	351	IAMs_20			2411		4.58		1554	15.6				

July 30 2022 Hour: 5:56 46.2 Lat: 35.53N Lon: 3.58W 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	303	EP		557		51.93	-.010						1.0
GRNL	CZ	529	304	EP		557		56.990	.010						1.0

July 30 2022 Hour: 8:24 58.3 Lat: 36.63N Lon: 9.78W Depth: 16F 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	125	53	EP		825		17.62	-.110						1.0
MORF	HE	125	53	ES		825		32.000	.080						1.0
MORF	HN	125	53	IAML		825		32.60		8	0.2				
MESJ	HZ	193	45	EP		825		26.00	-.090						1.0
MESJ	HN	193	45	ES		825		46.560	.170						1.0
MESJ	HE	193	45	IAML		825		47.55		1.00	0.0				
GRNL	CZ	196	33	EP		825		26.44	-.040						1.0

July 31 2022 Hour: 0: 0 42.4 Lat: 47.91N Lon: 27.54W Depth: 10F Agency: IGL Distant
Magnitudes: 4.1Mb IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	1883	118	EP		0	4	39.530	.000						1.0
GRNL	BZ	1883	118	IAMB		0	4	40.95		13	0.8				

July 31 2022 Hour: 2: 9 30.9 Lat: 38.80N Lon: 8.01W Depth: 4F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

NARRAIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	91	213	EP		2	9	45.790	.090						1.0
GRNL	CE	91	213	ES		2	9	56.42	-.050						1.0
GRNL	CN	91	213	IAML		2	9	58.00			21	0.1			
MESJ	HZ	108	190	EP		2	9	48.560	.100						1.0
MESJ	HN	108	190	ES		210		1.10	-.140						1.0
MESJ	HN	108	190	IAML		210		2.30			16	0.2			

July 31 2022 Hour: 2:28 9.5 Lat: 27.20N Lon: 86.77E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL 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	8622	306	EP		240		5.590	.010						1.0
MESJ	BZ	8622	306	IAmb		240		6.58			13	0.7			
GRNL	BZ	8637	306	EP		240		6.32	-.010						1.0
GRNL	BZ	8637	306	IAmb		240		7.60			20	1.0			

July 31 2022 Hour: 8:18 4.8 Lat: 33.81N Lon: 3.88W Depth: 4F Agency: IGL Regional
Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	581	313	EP		819		21.650	.070						1.0
MESJ	HZ	595	320	EP		819		23.20	-.010						1.0
GRNL	CZ	638	320	EP		819		28.31	-.070						1.0

July 31 2022 Hour: 9:30 14.4 Lat: 37.31N Lon: 8.55W Depth: 15F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	264	EP		930		17.16	-.130						1.0
MORF	HN	10	264	ES		930		19.550	.130						1.0
MORF	HN	10	264	IAML		930		20.05			7	0.1			

July 31 2022 Hour: 13:42 13.0 Lat: 25.16N Lon: 63.54E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 secs

SOUTHWESTERN PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6801	301	EP		1352		27.58	-.020						1.0
MESJ	BZ	6801	301	IAmb		1352		29.42			185	2.0			
GRNL	BZ	6825	301	EP		1352		29.04	-.050						1.0
GRNL	BZ	6825	301	IAmb		1352		31.00			214	1.6			
MORF	BZ	6850	300	EP		1352		30.55	-.080						1.0
MORF	BZ	6850	300	IAmb		1352		31.60			28	1.1			
GGNV	BZ	6863	302	EP		1352		31.500	.160						1.0
GGNV	BZ	6863	302	IAmb		1352		32.92			88	0.9			

July 31 2022 Hour: 13:52 16.2 Lat: 25.15N Lon: 63.44E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

SOUTHWESTERN PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6793	301	EP		14	2	30.320	.060						1.0
MESJ	BZ	6793	301	IAmb		14	2	31.06			5	0.7			
GRNL	BZ	6817	301	EP		14	2	31.70	-.060						1.0
GRNL	BZ	6817	301	IAmb		14	2	33.04			15	0.3			

July 31 2022 Hour: 17:48 0.8 Lat: 63.97N Lon: 22.35W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.1 secs

ICELAND REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2940	156	EP		1753	37.950	.090							1.0
GGNV	BE	2940	156	IAMs_20		18 1	31.16		6431	13.7					
GRNL	BZ	3018	156	EP		1753	44.01	-.130							1.0
GRNL	BE	3018	156	IAMs_20		18 1	59.21		6001	18.4					
MESJ	BZ	3054	155	EP		1753	47.05	-.010							1.0
MESJ	BE	3054	155	IAMs_20		18 2	22.82		3109	12.3					
MORF	BZ	3103	156	EP		1753	51.110	.050							1.0
MORF	BZ	3103	156	IAMs_20		18 4	52.14		3127	10.8					

July 31 2022 Hour: 20:13 21.7 Lat: 37.65N Lon: 6.29W Depth: 1F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	172	278	EP		2013	48.500	.160							1.0
GRNL	CZ	207	285	EP		2013	52.64	-.100							1.0
GRNL	CN	207	285	ESg		2014	19.43	-.010							1.0
GRNL	CN	207	285	IAML		2014	21.97		35	0.1					
MORF	HZ	213	260	EP		2013	53.43	-.060							1.0

July 31 2022 Hour: 23:26 26.8 Lat: 38.32N Lon: 9.32W Depth: 1 Agency: IGL Regional
Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	70	109	EP		2326	38.110	.030							1.0
MESJ	HZ	110	119	EP		2326	44.49	-.110							1.0
MORF	HZ	127	152	EP		2326	47.380	.080							1.0

July 31 2022 Hour: 23:30 38.2 Lat: 36.87N Lon: 1.95W Depth: 3F Agency: IGL Regional
Rms: 0.1 secs

WESTERN MEDITERRANEAN SEA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	566	283	EP		2331	53.09	-.100							1.0
GRNL	CZ	601	285	EP		2331	57.590	.110							1.0

August 1 2022 Hour: 0:34 1.7 Lat: 38.36N Lon: 9.38W Depth: 2F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	76	111	EP		034	13.98	-.080							1.0
GRNL	CE	76	111	ES		034	23.100	.050							1.0
GRNL	CE	76	111	IAML		034	26.89		39	0.3					
MESJ	HZ	117	119	EP		034	20.59	-.040							1.0
MESJ	HN	117	119	ES		034	34.500	.080							1.0
MESJ	HN	117	119	IAML		034	36.32		4	0.2					

August 1 2022 Hour: 0:36 41.3 Lat: 53.57N Lon: 165.36W Depth: 43F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9610	18	EP		049	19.100	.110							1.0
GRNL	BZ	9610	18	IAMB		049	20.93		11	0.9					
MESJ	BZ	9646	18	EP		049	20.48	-.110							1.0
MESJ	BZ	9646	18	IAMB		049	28.18		49	1.9					

August 1 2022 Hour: 1:53 46.0 Lat: 35.44N Lon: 3.60W Depth: 13F 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	491	304	EP		154	50.95	-.010							1.0
MORF	HZ	498	296	EP		154	51.79	-.040							1.0
GRNL	CZ	533	305	EP		154	56.01	-.010							1.0
GRNL	CN	533	305	ES		155	47.190	.070							1.0
GRNL	CN	533	305	IAML		155	50.26			13	0.4				

August 1 2022 Hour: 4: 8 17.5 Lat: 52.23N Lon: 168.06W Depth: 10F Agency: IGL Distant
Magnitudes: 4.7Ms IGL Rms: 0.0 secs

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	9806	16	EP		421	8.570	.000							1.0
GRNL	BZ	9806	16	IAMs_20		5 3	53.75			287	19.7				

August 1 2022 Hour: 4:34 21.3 Lat: 37.32N Lon: 8.73W Depth: 18F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

E ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	103	EP		434	24.21	-.170							1.0
MORF	HE	7	103	ES		434	26.720	.060							1.0
MORF	HE	7	103	IAML		434	27.84			13	0.2				
MESJ	HN	73	38	ES		434	41.71	-.010							1.0
MESJ	HE	73	38	IAML		434	42.47			2	0.1				
GRNL	CN	89	9	ES		434	45.920	.130							1.0
GRNL	CN	89	9	IAML		434	46.28			2	0.1				

August 1 2022 Hour: 15:32 51.3 Lat: 37.56N Lon: 7.57W Depth: 17F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

SE MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	299	EP		1533	2.000	.040							1.0
MESJ	HE	65	299	ES		1533	9.70	-.000							1.0
MESJ	HN	65	299	IAML		1533	11.45			13	0.1				
MORF	HZ	100	254	EP		1533	7.340	.130							1.0
MORF	HE	100	254	ES		1533	18.930	.140							1.0
MORF	HE	100	254	IAML		1533	20.56			16	0.2				
GRNL	CZ	107	305	EP		1533	8.09	-.160							1.0
GRNL	CE	107	305	ES		1533	20.43	-.160							1.0
GRNL	CN	107	305	IAML		1533	23.30			17	0.2				

August 1 2022 Hour: 17:42 24.6 Lat: 35.42N Lon: 3.62W Depth: 19F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	492	305	EP		1743	28.99	-.040							1.0
GRNL	CZ	534	306	EP		1743	34.130	.040							1.0

August 2 2022 Hour: 0:44 59.7 Lat: 36.00N Lon: 10.67W Depth: 30F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	231	51	EP		045	31.500	.210							1.0
MORF	HE	231	51	ES		045	54.33	-.020							1.0
MORF	HE	231	51	IAML		045	56.01			11	0.3				
MESJ	HZ	299	46	EP		045	39.48	-.170							1.0
MESJ	HE	299	46	ES		046	8.78	-.050							1.0
MESJ	HE	299	46	IAML		046	12.06			3	0.1				
GRNL	CZ	300	38	EP		045	39.65	-.070							1.0
GRNL	CN	300	38	ES		046	9.050	.100							1.0
GRNL	CN	300	38	IAML		046	10.38			9	0.1				

August 2 2022 Hour: 1:42 17.8 Lat: 11.93S Lon: 166.76E Depth:202F Agency: IGL Distant
Rms: 0.1 secs

SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17096	352	EP	KPab		2 2	5.78	-.110							1.0
MESJ	BZ17120	351	EP	KPab		2 2	6.880	.070							1.0
MORF	BZ17186	352	EP	KPab		2 2	9.430	.040							1.0

August 2 2022 Hour: 2:27 5.7 Lat: 64.09N Lon: 22.02W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Mb IGL
Rms: 0.1 secs

ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ 3023	156	EP			232	49.42	-.100							1.0
GRNL	BZ 3023	156	I	Amb		232	50.82			56	1.8				
MESJ	BZ 3059	156	EP			232	52.530	.100							1.0
MESJ	BZ 3059	156	I	Amb		232	53.97			18	1.1				

August 2 2022 Hour: 8:50 3.0 Lat: 35.46N Lon: 3.64W 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 488	304	EP			851	7.78	-.050							1.0
GRNL	CZ 529	305	EP			851	12.950	.060							1.0

August 2 2022 Hour: 12: 8 7.8 Lat: 35.45N 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 486	304	EP			12 9	12.97	-.000							1.0
GRNL	CZ 528	305	EP			12 9	18.040	.000							1.0

August 2 2022 Hour: 15:17 1.4 Lat: 16.12N Lon: 87.51W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Ms IGL
Rms: 0.1 secs

OFFSHORE HONDURAS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ 7973	55	EP			1528	23.440	.090							1.0
GRNL	BN 7973	55	ES			1537	43.940	.180							1.0
GRNL	BE 7973	55	I	AMs_20		1554	56.88			645	19.7				
MORF	BZ 7975	56	EP			1528	23.40	-.170							1.0
MORF	BE 7975	56	I	AMs_20		1553	31.56			2142	41.6				
MESJ	BZ 8007	55	EP			1528	25.10	-.100							1.0
MESJ	BZ 8007	55	I	AMs_20		1555	9.82			646	24.8				

August 2 2022 Hour: 21:11 41.9 Lat: 18.12S Lon: 178.20W Depth:521F Agency: IGL Distant
Rms: 0.2 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17596	22	EP	KPdf		2130	38.540	.190							1.0
GRNL	BZ17596	22	EP	KPab		2131	15.88	-.160							1.0
GRNL	BZ17596	22	EPP			2134	58.04	-.120							1.0
MESJ	BZ17637	22	EP	KPdf		2130	39.060	.260							1.0
MESJ	BZ17637	22	EP	KPab		2131	17.48	-.170							1.0
MESJ	BZ17637	22	EPP			2135	0.330	.190							1.0
MORF	BZ17672	24	EP	KPdf		2130	39.410	.190							1.0
MORF	BZ17672	24	EP	KPab		2131	18.96	-.120							1.0
MORF	BZ17672	24	EPP			2135	1.62	-.250							1.0

August 3 2022 Hour: 4:26 3.6 Lat: 36.70N Lon: 7.32W Depth: 31F 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	HZ	137	300	EP		426	22.50	-.140							1.0
MORF	HN	137	300	ES		426	36.780	.250							1.0
MORF	HN	137	300	IAML		426	37.56			13	0.1				
MESJ	HZ	150	328	EP		426	24.27	-.000							1.0
MESJ	HE	150	328	ES		426	39.29	-.060							1.0
MESJ	HN	150	328	IAML		426	41.34			20	0.2				
GRNL	CZ	192	325	EP		426	29.41	-.060							1.0

August 3 2022 Hour: 4:32 52.0 Lat: 36.69N Lon: 7.25W Depth: 31F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	142	299	ES		433	26.05	-.050							1.0
MORF	HN	142	299	IAML		433	28.51			6	0.3				
MESJ	HZ	154	326	EP		433	13.00	-.130							1.0
MESJ	HN	154	326	ES		433	28.740	.180							1.0
MESJ	HE	154	326	IAML		433	30.06			1	0.3				

August 3 2022 Hour: 7:44 16.4 Lat: 36.71N Lon: 7.84W Depth: 32F 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	98	313	EP		744	31.30	-.050							1.0
MORF	HE	98	313	ES		744	42.10	-.140							1.0
MORF	HN	98	313	IAML		744	43.26			18	0.1				
MESJ	HZ	130	345	EP		744	35.420	.130							1.0
MESJ	HN	130	345	ES		744	49.05	-.010							1.0
MESJ	HN	130	345	IAML		744	50.98			14	0.2				
GRNL	CZ	168	338	EP		744	40.150	.120							1.0
GRNL	CN	168	338	ES		744	57.22	-.050							1.0
GRNL	CE	168	338	IAML		744	58.46			5	0.1				

August 3 2022 Hour: 21:19 58.4 Lat: 35.46N Lon: 3.61W Depth: 2F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	489	304	EP		2121	4.330	.010							1.0
MORF	HZ	497	296	EP		2121	5.260	.050							1.0
GRNL	CZ	531	305	EP		2121	9.460	.090							1.0
GRNL	CE	531	305	ES		2122	1.00	-.150							1.0
GRNL	CN	531	305	IAML		2122	3.40			48	0.5				

August 3 2022 Hour: 21:55 37.0 Lat: 12.32N Lon: 86.70W Depth: 138F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs

NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8149	54	EP		22 6	53.190	.100							1.0
GRNL	BZ	8149	54	IAMB		22 6	55.67			33	1.5				
MESJ	BZ	8181	54	EP		22 6	54.69	-.100							1.0
MESJ	BZ	8181	54	IAMB		22 6	55.61			25	0.9				

August 4 2022 Hour: 11: 4 39.8 Lat: 36.50N Lon: 8.04W Depth: 23F 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	105	329	EP		11 4	56.32	-.030							1.0
MORF	HN	105	329	ES		11 5	8.34	-.070							1.0
MORF	HN	105	329	IAML		11 5	10.47			17	0.1				
MESJ	HZ	150	354	EP		11 5	2.120	.170							1.0

MESJ	HE	150	354	ES		11	5	18.130	.040								1.0
MESJ	HN	150	354	IAML		11	5	18.97			10	0.2					
GRNL	CZ	185	345	EP		11	5	6.29	-.010								1.0
GRNL	CE	185	345	ES		11	5	25.52	-.090								1.0
GRNL	CE	185	345	IAML		11	5	26.04			5	0.1					

August 4 2022 Hour: 20:058.6 Lat: 35.02N Lon: 8.67W Depth: 32F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	254	0	EP		20	1	32.77	-.170						1.0
MORF	HN	254	0	ES		20	1	58.040	.050						1.0
MORF	HN	254	0	IAML		20	1	59.51			5	0.1			
GRNL	CN	343	1	ES		20	2	17.260	.130						1.0
GRNL	CN	343	1	IAML		20	2	19.31			6	0.2			

August 4 2022 Hour: 22:2429.2 Lat: 35.52N Lon: 3.57W 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	489	303	EP		2225	34.350	.070							1.0
GRNL	CZ	530	304	EP		2225	39.24	-.080							1.0

August 5 2022 Hour: 2:3720.7 Lat: 10.78S Lon: 162.13E Depth:112FAgency: 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
GRNL	BZ16867	344	EPK	iKP		257	2.01	-.040							1.0
MESJ	BZ16885	344	EPK	iKP		257	2.440	.040							1.0

August 5 2022 Hour: 4:3842.1 Lat: 30.39S Lon: 177.58W Depth: 28F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18615	46	EPK	Pdf		458	44.880	.040							1.0
GGNV	BZ18615	46	EPP			5	3	38.63	-.210						0.9
GRNL	BZ18696	47	EPK	Pdf		458	45.540	.150							1.0
GRNL	BZ18696	47	EPP			5	3	42.56	-.020						1.0
GRNL	BN18696	47	ESS			524	31.790	.120							1.0
GRNL	BZ18696	47	IAMs	_20		610	54.79			1781	28.7				
MESJ	BZ18739	47	EPK	Pdf		458	45.740	.080							1.0
MESJ	BZ18739	47	EPP			5	3	44.41	-.120						1.0
MESJ	BZ18739	47	IAMs	_20		617	6.55			2494	21.5				
MORF	BZ18742	50	EPK	Pdf		458	45.70	-.040							1.0
MORF	BZ18742	50	EPP			5	3	44.71	-.020						1.0
MORF	BZ18742	50	IAMs	_20		616	4.95			2027	28.3				

August 5 2022 Hour: 6:3549.7 Lat: 37.17N Lon: 14.44W Depth: 0 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	513	87	EP		636	54.06	-.160							1.0
MORF	HN	513	87	ES		637	41.500	.180							1.0
MORF	HN	513	87	IAML		637	43.56				12	0.2			
GRNL	CZ	528	77	EP		636	55.78	-.190							1.0
GRNL	CN	528	77	ES		637	44.29	-.060							1.0
GRNL	CE	528	77	IAML		637	47.60				16	0.2			
MESJ	HZ	554	80	EP		636	59.19	-.030							1.0
MESJ	HN	554	80	ES		637	50.240	.260							1.0
MESJ	HN	554	80	IAML		637	53.04				5	0.3			

August 5 2022 Hour: 17:35 15.2 Lat: 38.17N Lon: 9.17W Depth: 18F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	53	98	EP		1735	23.81	-.150							1.0
GRNL	CN	53	98	ES		1735	30.580	.200							1.0
GRNL	CN	53	98	IAML		1735	30.93			76	0.1				
MESJ	HZ	91	114	EP		1735	29.58	-.090							1.0
MESJ	HN	91	114	ES		1735	40.23	-.030							1.0
MESJ	HN	91	114	IAML		1735	41.81			5	0.2				
MORF	HZ	106	155	EP		1735	32.120	.080							1.0

August 5 2022 Hour: 17:37 37.4 Lat: 38.39N Lon: 6.59W Depth: 1F Agency: IGL Regional
Magnitudes: 2.1ML 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	155	247	EPg		1738	2.510	.040							1.0
GRNL	CZ	176	260	EPg		1738	5.840	.060							1.0
GRNL	CN	176	260	ESg		1738	26.39	-.090							1.0
GRNL	CN	176	260	IAML		1738	28.41			17	0.2				

August 6 2022 Hour: 1:30 19.7 Lat: 36.58N Lon: 7.18W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	154	302	EP		130	43.01	-.080							1.0
MORF	HE	154	302	ES		131	0.05	-.150							1.0
MORF	HE	154	302	IAML		131	0.97			5	0.2				
MESJ	HZ	168	327	EP		130	44.840	.090							1.0
GRNL	CZ	210	324	EP		130	50.120	.150							1.0

August 6 2022 Hour: 5:41 34.8 Lat: 36.75N Lon: 7.42W Depth: 0 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	126	300	ES		542	9.86	-.030							1.0
MORF	HE	126	300	IAML		542	10.93			2	0.2				
MESJ	HZ	140	330	EP		541	57.450	.080							1.0
MESJ	HN	140	330	ES		542	13.81	-.050							1.0
MESJ	HE	140	330	IAML		542	15.57			0.80	0.2				

August 6 2022 Hour: 6:54 58.1 Lat: 36.77N Lon: 8.36W Depth: 18F 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	65	336	EP		655	8.960	.140							1.0
MORF	HN	65	336	ES		655	16.55	-.060							1.0
MORF	HN	65	336	IAML		655	18.25			130	0.1				
MESJ	HZ	120	6	EP		655	16.67	-.060							1.0
MESJ	HN	120	6	ES		655	30.480	.180							1.0
MESJ	HN	120	6	IAML		655	32.35			17	0.2				
GRNL	CZ	150	353	EP		655	20.28	-.220							1.0

August 6 2022 Hour: 7: 5 19.4 Lat: 35.42N Lon: 3.70W Depth: 2F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	305	EP		7 6	24.73	-.010							1.0
MORF	HZ	491	297	EP		7 6	25.490	.000							1.0
GRNL	CZ	527	306	EP		7 6	29.820	.010							1.0

August 7 2022 Hour: 2:41 15.2 Lat: 19.33S Lon: 69.21W Depth:105F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.1 secs
TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8971	44	EP		253	17.140	.740							1.0
GRNL	BZ	8971	44	IAMB		253	19.10			9	1.0				
MESJ	BZ	8980	45	EP		253	17.830	.970							1.0
MESJ	BZ	8980	45	IAMB		253	18.78			15	0.3				

August 7 2022 Hour: 7:4 14.5 Lat: 36.21N Lon: 8.20W Depth: 37F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	342	EP		7 4	33.160	.050							1.0
MESJ	HZ	180	360	EP		7 4	39.770	.130							1.0
MESJ	HN	180	360	ES		7 4	57.82-	.200							1.0
MESJ	HE	180	360	IAML		7 4	58.74			2	0.1				
GRNL	CN	213	351	ES		7 5	4.970	.020							1.0
GRNL	CN	213	351	IAML		7 5	5.90			1	0.1				

August 7 2022 Hour: 9:49 0.2 Lat: 36.36N Lon: 9.03W Depth: 11F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	110	18	EP		949	17.840	.220							1.0
MESJ	HZ	180	23	EP		949	26.900	.110							1.0
MESJ	HN	180	23	ES		949	46.240	.010							1.0
MESJ	HN	180	23	IAML		949	51.23			19	0.1				
GRNL	CZ	199	12	EP		949	28.78-	.370							1.0

August 7 2022 Hour: 13:40 39.2 Lat: 43.75N Lon: 148.10E Depth: 35F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs
EAST OF KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10600	342	EPP			1357	50.19-	.060							1.0
GRNL	BZ10650	342	EP			1354	1.480	.000							1.0
GRNL	BZ10650	342	EPP			1357	53.840	.070							1.0
GRNL	BE10650	342	ESKSac			14 4	35.040	.090							1.0
GRNL	BE10650	342	IAMs_20			1435	47.08			2779	26.6				
MESJ	BZ10670	341	EP			1354	2.330	.040							1.0
MESJ	BZ10670	341	EPP			1357	55.13-	.020							1.0
MESJ	BZ10670	341	IAMs_20			1432	28.12			1904	24.4				
MORF	BZ10738	342	EPP			1357	59.80-	.120							1.0
MORF	BE10738	342	IAMs_20			1435	58.01			2178	21.1				

August 8 2022 Hour: 1:44 22.2 Lat: 36.76N Lon: 9.66W Depth: 22F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	108	55	EP		144	39.070	.040							1.0
MORF	HN	108	55	ES		144	51.20-	.110							1.0
MORF	HN	108	55	IAML		144	52.07			6	0.1				
MESJ	HZ	175	46	EP		144	47.330	.000							1.0
MESJ	HN	175	46	ES		145	5.750	.070							1.0
MESJ	HN	175	46	IAML		145	7.24			2	0.1				
GRNL	CZ	178	32	EP		144	47.71-	.000							1.0

August 8 2022 Hour: 3:4 24.6 Lat: 35.90N Lon: 10.18W Depth: 26F 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	207	41	EP		3 4	53.410	.020							1.0
MORF	HE	207	41	ES		3 5	14.460	.030							1.0
MORF	HN	207	41	IAML		3 5	16.34			8	0.1				
MESJ	HZ	277	39	EP		3 5	2.04-	.010							1.0
GRNL	CZ	284	30	EP		3 5	2.66-	.210							1.0
GRNL	CN	284	30	ES		3 5	31.000	.160							1.0
GRNL	CN	284	30	IAML		3 5	32.24			5	0.1				

August 8 2022 Hour: 5:37 15.8 Lat: 5.52S Lon: 151.63E Depth: 35F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15907	334	EP	KPdf		556	45.070	.000							1.0
GRNL	BZ15907	334	IAMs	_20		7 5	56.02			700	14.5				
MESJ	BZ15914	333	EP	KPdf		556	45.12-	.080							1.0
MESJ	BZ15914	333	IAMs	_20		7 2	20.65			680	15.4				
MORF	BZ15985	333	EP	KPdf		556	46.430	.070							1.0
MORF	BZ15985	333	IAMs	_20		659	36.63			1003	27.0				

August 8 2022 Hour: 10:7 24.9 Lat: 36.92N Lon: 8.53W Depth: 18F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	346	EP		10 7	32.500	.130							1.0
MORF	HE	43	346	ES		10 7	37.68-	.130							1.0
MORF	HN	43	346	IAML		10 7	38.29			2	0.1				

August 8 2022 Hour: 17:32 37.0 Lat: 38.13N Lon: 8.26W Depth: 0 Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.1 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	27	265	EP		1732	41.410	.070							1.0
GRNL	CN	27	265	ES		1732	44.46-	.090							1.0
GRNL	CN	27	265	IAML		1732	44.67			3	0.1				
MESJ	HZ	33	174	EP		1732	42.280	.060							1.0
MESJ	HN	33	174	ES		1732	46.02-	.040							1.0

August 8 2022 Hour: 18:20 15.4 Lat: 36.35N Lon: 8.98W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	15	EP		1820	32.910	.150							1.0
MESJ	HZ	178	22	EP		1820	41.74-	.160							1.0

August 9 2022 Hour: 4:41 55.7 Lat: 51.99N Lon: 29.52W Depth: 10F Agency: IGL Distant
Magnitudes: 3.9Mb IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	2243	125	EP		446	30.36-	.000							1.0
GRNL	BZ	2243	125	IAMB		446	33.14			8	1.2				

August 9 2022 Hour: 6:34 13.6 Lat: 36.88N Lon: 9.22W Depth: 27F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	69	46	EP		634	25.020	.100							1.0
MORF	HN	69	46	ES		634	33.280	.050							1.0
MORF	HN	69	46	IAML		634	33.70			12	0.2				
MESJ	HZ	139	39	EP		634	33.62-	.160							1.0

August 9 2022 Hour: 8:24 42.4 Lat: 36.89N Lon: 8.69W Depth: 25F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	4	EP		824	50.56	-.010							1.0
MORF	HE	46	4	ES		824	56.600	.090							1.0
MORF	HE	46	4	IAML		824	56.92			17	0.1				
MESJ	HZ	113	21	EP		824	59.48	-.120							1.0
MESJ	HN	113	21	ES		825	12.170	.030							1.0
MESJ	HN	113	21	IAML		825	13.17			4	0.2				

August 9 2022 Hour: 9:27 52.2 Lat: 37.31N Lon: 9.07W Depth: 17F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

W ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	37	91	EP		927	58.55	-.160							1.0
MORF	HE	37	91	ES		928	3.630	.140							1.0
MORF	HN	37	91	IAML		928	4.70			6	0.1				
GRNL	CE	99	27	ES		928	19.400	.010							1.0
GRNL	CN	99	27	IAML		928	20.21			0.70	0.0				

August 9 2022 Hour: 12:59 43.3 Lat: 6.75S Lon: 130.01E Depth: 160F Agency: IGL Distant
Rms: 0.1 secs

BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14597	316	EPKP			1318	35.760	.010							1.0
MESJ	BZ14597	316	EPP			1320	55.500	.260							0.9
MESJ	BZ14597	316	Ex			1321	45.57								
GRNL	BZ14609	316	EPKP			1318	35.970	.020							1.0
GRNL	BZ14609	316	EPP			1320	55.970	.010							1.0
GRNL	BZ14609	316	Ex			1321	45.86								
MORF	BZ14659	315	EPKP			1318	36.72	-.130							1.0
MORF	BZ14659	315	EPP			1320	58.74	-.140							1.0

August 9 2022 Hour: 18:42 44.8 Lat: 36.23N Lon: 7.92W Depth: 26F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	136	332	EP		1843	4.71	-.190							1.0
MESJ	HZ	181	352	EP		1843	10.620	.210							1.0
GRNL	CZ	217	345	EP		1843	14.83	-.000							1.0
GRNL	CN	217	345	ES		1843	36.71	-.020							1.0
GRNL	CE	217	345	IAML		1843	37.52			4	0.1				

August 9 2022 Hour: 21:26 6.8 Lat: 37.08N Lon: 5.44W Depth: 3F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	260	290	EP		2126	44.320	.010							1.0
GRNL	CZ	299	293	EP		2126	49.14	-.010							1.0

August 9 2022 Hour: 23:41 52.5 Lat: 36.64N Lon: 9.74W Depth: 15F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	52	EP		2342	11.41	-.220							1.0
MORF	HN	122	52	ES		2342	25.670	.070							1.0
MORF	HN	122	52	IAML		2342	26.86			8	0.1				
MESJ	HN	190	45	ES		2342	40.150	.040							1.0
MESJ	HN	190	45	IAML		2342	41.11			1	0.2				
GRNL	CE	193	32	ES		2342	40.990	.120							1.0
GRNL	CE	193	32	IAML		2342	41.59			3	0.2				

August 10 2022 Hour: 3:33 1.8 Lat: 37.20N Lon: 9.03W Depth: 29F 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	36	71	EP		333	8.87	-.020							1.0
MORF	HN	36	71	ES		333	14.120	.020							1.0
MORF	HN	36	71	IAML		333	14.88			5	0.1				

August 10 2022 Hour: 18:33 15.7 Lat: 35.53N Lon: 3.61W Depth: 5F Agency: IGL Regional
Magnitudes: 3.0ML 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	485	303	EP		1834	20.730	.010							1.0
MESJ	HE	485	303	ES		1835	8.19	-.000							1.0
MESJ	HN	485	303	IAML		1835	21.84			32	0.4				
GRNL	CZ	527	304	EP		1834	25.880	.120							1.0
GRNL	CN	527	304	ES		1835	16.77	-.140							1.0
GRNL	CN	527	304	IAML		1835	30.12			27	0.6				

August 10 2022 Hour: 18:37 44.0 Lat: 35.52N Lon: 3.59W Depth: 14F 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	487	303	EP		1838	48.380	.060							1.0
MESJ	HN	487	303	ES		1839	35.24	-.060							1.0
MESJ	HN	487	303	IAML		1839	38.41			18	0.4				
MORF	HZ	495	295	EP		1838	49.22	-.100							1.0
GRNL	CZ	529	304	EP		1838	53.460	.100							1.0

August 11 2022 Hour: 0: 7 12.4 Lat: 25.74S Lon: 70.69W Depth: 44F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9524	45	EP		019	46.230	.000							1.0
MORF	BZ	9524	45	IAMB		019	49.39			10	1.0				

August 11 2022 Hour: 7:11 3.4 Lat: 38.45N Lon: 9.01W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

E SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	54	134	EP		711	12.24	-.130							1.0
GRNL	CE	54	134	ES		711	19.010	.130							1.0
GRNL	CN	54	134	IAML		711	20.00			6	0.2				

August 11 2022 Hour: 18:49 20.7 Lat: 35.46N Lon: 3.59W Depth: 25F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	491	304	EP		1850	24.610	.000							1.0
MORF	HZ	498	296	EP		1850	25.46	-.060							1.0
GRNL	CZ	533	305	EP		1850	29.720	.060							1.0

August 12 2022 Hour: 4:17 32.5 Lat: 36.84N Lon: 5.55W Depth: 2F Agency: IGL Regional
Magnitudes: 2.4ML 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	261	296	EP		418	10.17	-.030							1.0
MESJ	HE	261	296	ES		418	37.730	.010							1.0
MESJ	HN	261	296	IAML		418	54.46			19	0.4				
GRNL	CZ	302	299	EP		418	15.260	.020							1.0

August 12 2022 Hour: 7:34 50.4 Lat: 37.87N Lon: 6.63W Depth: 0 Agency: IGL Regional
Magnitudes: 1.2ML 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	140	269	EP		735	12.84	-.060							1.0
MESJ	HE	140	269	ES		735	29.25	-.070							1.0
MESJ	HN	140	269	IAML		735	30.55			6	0.1				
GRNL	CN	172	279	ES		735	36.93	.140							1.0
GRNL	CN	172	279	IAML		735	39.16			2	0.1				

August 12 2022 Hour: 8:17 25.8 Lat: 18.47N Lon: 100.87W Depth: 64F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

GUERRERO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	8969	53	EP		829	31.57	-.090							1.0
GRNL	BZ	8969	53	IAMB		829	33.03			32	0.9				
MORF	BZ	8986	54	EP		829	32.52	-.050							1.0
MORF	BZ	8986	54	IAMB		829	33.82			19	0.7				
MESJ	BZ	9006	53	EP		829	33.63	.150							1.0
MESJ	BZ	9006	53	IAMB		829	35.14			21	0.8				

August 12 2022 Hour: 8:56 56.3 Lat: 36.06N Lon: 10.69W Depth: 25F Agency: IGL Regional
Magnitudes: 2.4ML 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	229	52	EP		857	27.97	.080							1.0
MORF	HN	229	52	ES		857	50.95	-.010							1.0
MORF	HE	229	52	IAML		857	53.93			20	0.1				
GRNL	CZ	296	39	EP		857	35.87	-.270							1.0
MESJ	HN	296	47	ES		858	5.45	.130							1.0
MESJ	HN	296	47	IAML		858	8.25			12	0.3				
GRNL	CE	296	39	ES		858	5.30	.070							1.0
GRNL	CN	296	39	IAML		858	7.55			20	0.1				

August 12 2022 Hour: 13:43 57.7 Lat: 35.48N Lon: 3.60W Depth: 18F 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		1345	2.08	.110							1.0
GRNL	CZ	531	305	EP		1345	6.90	-.120							1.0

August 12 2022 Hour: 14:26 58.4 Lat: 35.42N Lon: 3.58W Depth: 22F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	494	304	EP		1428	2.80	.020							1.0
GRNL	CZ	535	305	EP		1428	7.82	-.020							1.0

August 12 2022 Hour: 16:46 45.3 Lat: 36.40N Lon: 9.67W Depth: 15F 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	135	42	EP		1647	6.27	.180							1.0
MORF	HN	135	42	ES		1647	21.26	.000							1.0
MORF	HE	135	42	IAML		1647	22.79			41	0.2				
MESJ	HZ	205	39	EP		1647	14.76	.020							1.0
GRNL	CZ	213	27	EP		1647	15.51	-.220							1.0

August 12 2022 Hour: 19:52 6.3 Lat: 37.15N Lon: 8.07W Depth: 17F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	54	288	EP		1952	15.24	-.040							1.0
MORF	HN	54	288	ES		1952	21.910	.080							1.0
MORF	HE	54	288	IAML		1952	23.54			9	0.1				
MESJ	HZ	77	350	EP		1952	18.57	-.160							1.0
GRNL	CN	115	338	ES		1952	37.620	.110							1.0
GRNL	CN	115	338	IAML		1952	39.54			5	0.1				

August 12 2022 Hour: 20:50 38.4 Lat: 37.35N Lon: 8.48W Depth: 7F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	252	EP		2050	40.94	-.330							1.0
MORF	HN	16	252	ES		2050	43.520	.150							1.0
MORF	HN	16	252	IAML		2050	44.10			221	0.2				
MESJ	HZ	59	23	EP		2050	48.120	.140							1.0
GRNL	CZ	85	355	EP		2050	52.110	.030							1.0
GRNL	CE	85	355	ES		2051	2.090	.020							1.0
GRNL	CN	85	355	IAML		2051	4.39			18	0.1				

August 12 2022 Hour: 21:31 49.9 Lat: 33.55N Lon: 19.03E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.1 secs

CENTRAL MEDITERRANEAN SEA Net: CSEN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2503	289	EP		2136	49.57	-.070							1.0
MESJ	BZ	2503	289	IAMB		2137	4.22			164	1.3				
GRNL	BZ	2535	289	EP		2136	52.60	-.090							1.0
GRNL	BZ	2535	289	IAMB		2137	4.80			25	0.9				
MORF	BZ	2539	287	EP		2136	53.310	.170							1.0
MORF	BZ	2539	287	IAMB		2137	4.29			196	1.8				

August 13 2022 Hour: 4:5 24.8 Lat: 36.69N Lon: 12.77W Depth: 11F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	373	78	EP		4 6	11.33	-.080							1.0
MORF	HE	373	78	ES		4 6	45.450	.040							1.0
MORF	HN	373	78	IAML		4 6	47.79			91	0.2				
GRNL	CZ	404	66	EP		4 6	15.02	-.130							1.0
GRNL	CN	404	66	ES		4 6	52.110	.210							1.0
GRNL	CN	404	66	IAML		4 6	55.25			39	0.1				
MESJ	HZ	423	71	EP		4 6	17.45	-.100							1.0
MESJ	HN	423	71	ES		4 6	56.090	.060							1.0
MESJ	HN	423	71	IAML		4 6	59.77			17	0.1				

August 13 2022 Hour: 6:25 31.6 Lat: 6.92N Lon: 123.83E Depth: 16F Agency: IGL Distant
Magnitudes: 3.0ML IGL Rms: 0.0 secs

MORO GULF, MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13019	319		EPKpdf		644	15.400	.030							1.0
MESJ	BZ13019	319		EPP		645	24.560	.010							1.0
GRNL	BZ13028	319		EPKpdf		644	15.530	.020							1.0
GRNL	BZ13028	319		EPP		645	25.05	-.020							1.0
MORF	BZ13085	318		EPP		645	28.64	-.040							1.0

August 13 2022 Hour: 9:56 22.6 Lat: 36.80N Lon: 13.65W Depth: 11F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	448	81	EP		957	18.34	-.040							1.0
GRNL	CN	472	71	ES		958	4.210	.040							1.0
GRNL	CN	472	71	IAML		958	7.22			12	0.2				

August 13 2022 Hour: 13: 2 33.8 Lat: 15.83S Lon: 167.12E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17469	353	EPK	Pd \bar{f}		1322	28.860	.060							1.0
GGNV	BZ17469	353	EPK	Pab		1322	59.50	-.070							1.0
GGNV	BZ17469	353	IAMS	_20		1434	3.90			2557	16.3				
GRNL	BZ17527	351	EPK	Pd \bar{f}		1322	29.620	.140							1.0
GRNL	BZ17527	351	EPK	Pab		1323	1.64	-.200							1.0
GRNL	BZ17527	351	IAMS	_20		1443	22.36			1378	16.2				
MESJ	BZ17550	350	EPK	Pd \bar{f}		1322	29.800	.050							1.0
MESJ	BZ17550	350	EPK	Pab		1323	2.62	-.140							1.0
MESJ	BZ17550	350	IAMS	_20		1443	47.34			1281	20.1				
MORF	BZ17616	351	EPK	Pd \bar{f}		1322	30.690	.150							1.0
MORF	BZ17616	351	IAMS	_20		1443	14.95			1254	11.2				

August 13 2022 Hour: 18:57 17.5 Lat: 5.98S Lon: 147.29E Depth: 58F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.1 secs

EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ15721	329	EPK	Pd \bar{f}		1916	41.010	.000							1.0
GRNL	BZ15721	329	EPP			1919	43.96	-.010							1.0
GRNL	BN15721	329	IAMS	_20		2018	4.39			1412	25.2				
MESJ	BZ15723	328	EPK	Pd \bar{f}		1916	41.140	.080							1.0
MESJ	BZ15723	328	EPP			1919	44.04	-.080							1.0
MESJ	BZ15723	328	IAMS	_20		2010	54.10			1737	37.6				

August 13 2022 Hour: 19: 9 45.4 Lat: 35.48N Lon: 3.65W Depth: 10F 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	485	304	EP		1910	49.84	-.040							1.0
MESJ	HN	485	304	ES		1911	36.98	-.010							1.0
MESJ	HN	485	304	IAML		1911	39.62			6	0.4				
GRNL	CZ	527	305	EP		1910	54.990	.050							1.0

August 13 2022 Hour: 23:28 39.6 Lat: 35.51N Lon: 3.64W 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	484	304	EP		2329	44.640	.040							1.0
GRNL	CZ	526	305	EP		2329	49.61	-.040							1.0

August 14 2022 Hour: 2:33 31.2 Lat: 36.64N Lon: 7.46W Depth: 32F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	129	305	ES		234	3.69	-.070							1.0
MORF	HN	129	305	IAML		234	6.11			30	0.1				
MESJ	HZ	149	333	EP		233	52.480	.010							1.0
MESJ	HE	149	333	ES		234	7.93	-.060							1.0
MESJ	HN	149	333	IAML		234	10.07			9	0.2				
GRNL	CZ	190	329	EP		233	57.52	-.040							1.0
GRNL	CN	190	329	ES		234	16.960	.160							1.0
GRNL	CN	190	329	IAML		234	18.63			7	0.1				

August 14 2022 Hour: 2:47 47.8 Lat: 1.82N Lon: 126.37E Depth: 31F Agency: IGL Distant
Rms: 0.0 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	13629	318	EPKPdf		3	6	39.65	-	.010					1.0
GRNL	BZ	13639	319	EPKPdf		3	6	39.820		.010					1.0

August 14 2022 Hour: 3:11 51.1 Lat: 15.80S Lon: 167.06E Depth: 10F Agency: IGL Distant
Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	17465	352	EPKPdf		331		46.06	-	.030					1.0
GGNV	BZ	17465	352	EPKPab		332		16.820		.060					1.0
GGNV	BZ	17465	352	EPP		335		55.310		.160					1.0
GRNL	BZ	17523	351	EPKPdf		331		46.62	-	.150					1.0
GRNL	BZ	17523	351	EPKPab		332		18.88	-	.140					1.0
GRNL	BZ	17523	351	EPP		335		58.210		.200					1.0
MESJ	BZ	17546	350	EPKPdf		331		46.96	-	.090					1.0
MESJ	BZ	17546	350	EPKPab		332		19.84	-	.100					1.0
MESJ	BZ	17546	350	EPP		335		59.470		.300					0.9
MORF	BZ	17612	351	EPKPdf		331		47.71	-	.130					1.0
MORF	BZ	17612	351	EPKPab		332		22.48	-	.090					1.0
MORF	BZ	17612	351	EPP		336		2.540		.070					1.0

August 14 2022 Hour: 3:24 22.9 Lat: 37.98N Lon: 27.15E Depth: 12F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

WESTERN TURKEY Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3092	281	EP		330		11.890		.000					1.0
MESJ	BZ	3092	281	IAMB		330		13.57			25	1.1			

August 14 2022 Hour: 6:0 43.3 Lat: 37.10N Lon: 8.62W Depth: 16F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

E LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	23	353	EP		6	0	47.65	-	.110					1.0
MORF	HN	23	353	ES		6	0	51.03	-	.020					1.0
MORF	HN	23	353	IAML		6	0	52.00			63	0.1			
MESJ	HZ	90	23	EP		6	0	57.560		.040					1.0
MESJ	HN	90	23	ES		6	1	8.030		.100					1.0
MESJ	HN	90	23	IAML		6	1	9.67			21	0.3			

August 14 2022 Hour: 8:20 2.5 Lat: 33.16N Lon: 92.82E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs

SOUTHERN QINGHAI, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8691	307	EP		832		2.08	-	.030					1.0
MESJ	BZ	8691	307	IAMB		832		8.10			118	1.8			
GRNL	BZ	8701	308	EP		832		2.610		.030					1.0
GRNL	BZ	8701	308	IAMB		832		8.63			111	1.8			

August 14 2022 Hour: 9:12 50.5 Lat: 38.47N Lon: 9.33W Depth: 17F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

W SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	78	121	EP		913		2.97	-	.090					1.0
GRNL	CN	78	121	ES		913		12.330		.090					1.0
GRNL	CN	78	121	IAML		913		14.47			8	0.2			
MESJ	HZ	120	125	EP		913		9.23	-	.010					1.0

August 14 2022 Hour: 11: 7 18.5 Lat: 36.71N Lon: 9.72W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	55	EP		11 7	36.500	.060							1.0
MESJ	HZ	183	46	EP		11 7	44.69-	.050							1.0
MESJ	HN	183	46	ES		11 8	3.950	.060							1.0
MESJ	HE	183	46	IAML		11 8	4.66		0.80	0.1					
GRNL	CN	186	33	ES		11 8	4.41-	.070							1.0
GRNL	CN	186	33	IAML		11 8	5.51		2	0.1					

August 14 2022 Hour: 12:52 32.5 Lat: 37.21N Lon: 8.68W Depth: 6F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

N LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	14	EP		1252	34.41-	.130							1.0
MORF	HE	11	14	ES		1252	36.280	.230							1.0
MORF	HE	11	14	IAML		1252	36.80		24	0.1					
MESJ	HZ	81	30	EP		1252	45.660	.060							1.0
MESJ	HN	81	30	ES		1252	55.11-	.070							1.0
MESJ	HE	81	30	IAML		1252	55.72		1.00	0.1					
GRNL	CZ	100	6	EP		1252	48.66-	.030							1.0
GRNL	CN	100	6	ES		1253	0.46-	.070							1.0
GRNL	CN	100	6	IAML		1253	1.03		3	0.1					

August 14 2022 Hour: 13:44 21.4 Lat: 32.77S Lon: 179.01W Depth: 39F Agency: IGL Distant
Magnitudes: 6.8Ms IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18889	51	EPKPdf			14 4	24.370	.110							1.0
GGNV	BZ18889	51	EPKPab			14 5	38.59-	.430							0.8
GGNV	BZ18889	51	EPP			14 9	29.350	.080							1.0
GGNV	BZ18889	51	IAMs_20			1512	37.67		18763	18.8					
GRNL	BZ18968	53	EPKPdf			14 4	24.760	.070							1.0
GRNL	BZ18968	53	EPKPab			14 5	42.340	.130							1.0
GRNL	BZ18968	53	EPP			14 9	32.890	.060							1.0
GRNL	BZ18968	53	IAMs_20			1511	20.21		16306	28.4					
MORF	BZ19005	58	EPKPdf			14 4	24.940	.000							1.0
MORF	BZ19005	58	EPKPab			14 5	43.850	.030							1.0
MORF	BZ19005	58	EPP			14 9	34.41-	.150							1.0
MORF	BZ19005	58	IAMs_20			1525	15.16		15011	20.2					
MESJ	BZ19010	54	EPKPdf			14 4	24.76-	.150							1.0
MESJ	BZ19010	54	EPKPab			14 5	43.85-	.050							1.0
MESJ	BZ19010	54	EPP			14 9	34.820	.110							1.0
MESJ	BZ19010	54	IAMs_20			1513	43.23		14893	27.7					

August 14 2022 Hour: 17: 6 24.1 Lat: 37.25N Lon: 9.19W Depth: 29F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	82	EP		17 6	32.780	.020							1.0
MESJ	HZ	108	52	EP		17 6	40.33-	.090							1.0
MESJ	HE	108	52	ES		17 6	52.420	.070							1.0
MESJ	HE	108	52	IAML		17 6	53.16		1	0.1					

August 14 2022 Hour: 20:20 47.9 Lat: 35.97N Lon: 8.48W Depth: 32F Agency: IGL Regional
Magnitudes: 4.5ML 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	148	354	EP		2021	8.94-	.200							1.0
MORF	HN	148	354	ES		2021	24.56-	.060							1.0
MORF	HE	148	354	IAML		2021	26.13		8044	0.2					
MESJ	HZ	208	6	EP		2021	16.810	.270							1.0

MESJ	HN	208	6	ES	2021	37.460	.040										1.0
MESJ	HN	208	6	IAML	2021	38.43		2010	0.2								
GRNL	CZ	237	358	EP	2021	19.93	-.170										1.0
GRNL	CN	237	358	ES	2021	43.590	.010										1.0
GRNL	CN	237	358	IAML	2021	45.09		4002	0.3								
GGNV	HZ	310	349	EP	2021	29.310	.140										0.9

August 14 2022 Hour: 21: 4 44.9 Lat: 22.09S Lon: 170.96E Depth: 78F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

SOUTHEAST OF LOYALTY ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18251	359	EPKP			2124	38.420	.000							1.0
GRNL	BZ18251	359	IAMs_20			2230	45.28		2421	18.6					
MESJ	BZ18280	358	EPKP			2124	38.740	.070							1.0
MESJ	BZ18280	358	IAMs_20			2229	51.48		3340	31.5					
MORF	BZ18341	359	EPKP			2124	39.13	-.080							1.0
MORF	BZ18341	359	IAMs_20			2230	29.70		3129	25.0					

August 15 2022 Hour: 4:15 16.6 Lat: 37.62N Lon: 6.30W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	171	279	EP		415	43.22	-.120							1.0
MESJ	HN	171	279	ES		416	2.990	.120							1.0
MESJ	HN	171	279	IAML		416	6.97		12	0.1					

August 15 2022 Hour: 5:21 46.8 Lat: 36.70N Lon: 7.40W Depth: 20F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	146	330	EP		522	8.44	-.080							1.0
MESJ	HE	146	330	ES		522	24.430	.080							1.0
MESJ	HE	146	330	IAML		522	24.85		2	0.1					

August 15 2022 Hour: 8: 5 47.8 Lat: 37.33N Lon: 8.56W Depth: 13F 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	9	252	EP		8	5	50.19	-.260						1.0
MORF	HE	9	252	ES		8	5	52.410	.050						1.0
MORF	HE	9	252	IAML		8	5	53.16		101	0.2				
MESJ	HZ	64	28	EP		8	5	58.290	.100						1.0
MESJ	HE	64	28	ES		8	6	5.800	.050						1.0
MESJ	HN	64	28	IAML		8	6	8.26		11	0.2				
GRNL	CZ	86	359	EP		8	6	1.750	.150						1.0
GRNL	CE	86	359	ES		8	6	11.58	-.070						1.0
GRNL	CN	86	359	IAML		8	6	12.21		9	0.2				

August 15 2022 Hour: 11:50 33.7 Lat: 38.35N Lon: 9.26W Depth: 1 Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	66	114	EP		1150	44.28	-.110							1.0
GRNL	CN	66	114	ES		1150	52.260	.110							1.0
GRNL	CN	66	114	IAML		1150	55.26		6	0.2					

August 15 2022 Hour: 19:27 53.2 Lat: 37.22N Lon: 13.25W Depth: 0 Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	408	87	EP		1928	49.18	-.140							1.0
MORF	HN	408	87	ES		1929	30.350	.060							1.0
MORF	HN	408	87	IAML		1929	33.60		26	0.3					
GRNL	CZ	424	75	EP		1928	51.430	.080							1.0

August 16 2022 Hour: 3:56 8.3 Lat: 38.29N Lon: 9.38W Depth: 21F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	74	105	EP		356	20.430	.110							1.0
GRNL	CN	74	105	ES		356	28.98-	.110							1.0
GRNL	CN	74	105	IAML		356	29.61			3	0.2				

August 16 2022 Hour: 13:52 11.2 Lat: 37.60N Lon: 8.40W Depth: 17F Agency: IGL Regional
Magnitudes: 1.1ML 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	32	30	EP		1352	17.140	.240							1.0
MESJ	HN	32	30	ES		1352	21.140	.090							1.0
MESJ	HN	32	30	IAML		1352	21.83			12	0.2				
MORF	HZ	39	215	EP		1352	17.87-	.140							1.0
MORF	HE	39	215	ES		1352	22.81-	.160							1.0
MORF	HN	39	215	IAML		1352	23.91			15	0.2				
GRNL	CZ	59	346	EP		1352	20.85-	.030							1.0
GRNL	CE	59	346	ES		1352	27.940	.010							1.0
GRNL	CN	59	346	IAML		1352	28.54			20	0.2				

August 17 2022 Hour: 19:27 32.1 Lat: 36.99N Lon: 7.38W Depth: 24F Agency: IGL Regional
Magnitudes: 1.4ML 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	120	322	EP		1927	50.11-	.050							1.0
MESJ	HN	120	322	ES		1928	3.410	.050							1.0
MESJ	HE	120	322	IAML		1928	5.35			6	0.1				

August 18 2022 Hour: 7:24 52.0 Lat: 36.67N Lon: 7.47W Depth: 22F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	304	EP		725	10.92-	.230							1.0
MORF	HN	127	304	ES		725	25.190	.050							1.0
MORF	HE	127	304	IAML		725	25.94			10	0.2				
MESJ	HZ	146	333	EP		725	13.580	.100							1.0
GRNL	CZ	187	329	EP		725	18.660	.080							1.0

August 18 2022 Hour: 8:34 50.8 Lat: 36.99N Lon: 8.48W Depth: 26F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	336	EP		834	58.190	.110							1.0
MORF	HE	39	336	ES		835	3.34-	.040							1.0
MORF	HE	39	336	IAML		835	3.62			267	0.2				
MESJ	HZ	98	13	EP		835	5.93-	.070							1.0
GRNL	CZ	125	356	EP		835	9.40-	.000							1.0

August 18 2022 Hour: 10:51 41.2 Lat: 38.22N Lon: 9.15W Depth: 18F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	52	103	EP		1051	49.81-	.050							1.0
GRNL	CN	52	103	ES		1051	56.240	.050							1.0
GRNL	CN	52	103	IAML		1051	57.30			3	0.1				

August 18 2022 Hour: 12:25 18.6 Lat: 37.33N Lon: 8.53W Depth: 7F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	257	EP		1225	20.55	-.200							1.0
MORF	HN	11	257	ES		1225	22.450	.110							1.0
MORF	HN	11	257	IAML		1225	23.12			229	0.2				
MESJ	HZ	63	26	EP		1225	28.910	.100							1.0
MESJ	HN	63	26	ES		1225	36.400	.120							1.0
MESJ	HE	63	26	IAML		1225	37.53			4	0.1				
GRNL	CZ	87	358	EP		1225	32.660	.050							1.0
GRNL	CN	87	358	ES		1225	42.69	-.170							1.0
GRNL	CN	87	358	IAML		1225	43.16			18	0.1				

August 19 2022 Hour: 1: 9 33.5 Lat: 37.33N Lon: 8.64W Depth: 15F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	203	EP		1 9	35.97	-.080							1.0
MORF	HE	3	203	ES		1 9	37.970	.080							1.0
MORF	HE	3	203	IAML		1 9	38.33			9	0.1				

August 19 2022 Hour: 5:37 29.3 Lat: 38.18N Lon: 8.70W Depth: 20F Agency: IGL Regional
Magnitudes: 0.4ML 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
GRNL	CZ	14	125	EP		537	33.300	.100							1.0
GRNL	CN	14	125	ES		537	36.100	.060							1.0
GRNL	CN	14	125	IAML		537	36.67			8	0.0				
MESJ	HZ	57	132	EP		537	38.820	.030							1.0
MESJ	HE	57	132	ES		537	45.52	-.190							1.0
MESJ	HN	57	132	IAML		537	47.44			2	0.2				

August 20 2022 Hour: 2:13 59.1 Lat: 36.93N Lon: 12.82W Depth: 40F Agency: IGL Regional
Magnitudes: 0.0ML 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	373	82	EP		214	45.80	-.020							1.0
GRNL	CZ	398	70	EP		214	48.860	.020							1.0

August 20 2022 Hour: 13:19 51.1 Lat: 37.33N Lon: 8.49W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	260	EP		1319	54.25	-.090							1.0
MORF	HE	15	260	ES		1319	56.870	.170							1.0
MORF	HE	15	260	IAML		1319	57.21			35	0.1				
GRNL	CE	87	355	ES		1320	14.96	-.090							1.0
GRNL	CN	87	355	IAML		1320	16.71			5	0.2				

August 20 2022 Hour: 21:36 6.0 Lat: 37.31N Lon: 8.60W Depth: 15F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	259	EP		2136	8.63	-.000							1.0
MORF	HE	5	259	ES		2136	10.530	.000							1.0
MORF	HE	5	259	IAML		2136	10.97			21	0.1				

August 20 2022 Hour: 23:19 44.3 Lat: 37.31N Lon: 8.58W Depth: 12F Agency: IGL Regional
Magnitudes: 1.2ML 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	260	EP		2319	46.14	-.420							1.0
MORF	HN	7	260	ES		2319	48.320	.100							1.0
MORF	HN	7	260	IAML		2319	48.88			48	0.1				
MESJ	HZ	66	29	EP		2319	55.050	.050							1.0
MESJ	HE	66	29	ES		2320	2.950	.120							1.0
MESJ	HN	66	29	IAML		2320	3.53			10	0.2				
GRNL	CZ	88	1	EP		2319	58.510	.220							1.0
GRNL	CN	88	1	ES		2320	8.47	-.050							1.0
GRNL	CN	88	1	IAML		2320	8.91			13	0.2				

August 21 2022 Hour: 0:7 49.8 Lat: 34.08N Lon: 5.25W Depth: 21F Agency: IGL Regional
Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	496	328	EP		0 8	54.53	-.060							1.0
GRNL	CZ	538	327	EP		0 8	59.720	.060							1.0

August 21 2022 Hour: 1:14 25.1 Lat: 37.29N Lon: 8.57W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML 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	279	EP		114	27.21	-.120							1.0
MORF	HN	7	279	ES		114	29.020	.100							1.0
MORF	HN	7	279	IAML		114	29.61			51	0.1				
GRNL	CN	90	0	ES		114	50.110	.020							1.0
GRNL	CN	90	0	IAML		114	51.67			4	0.2				

August 21 2022 Hour: 7:54 1.6 Lat: 36.57N Lon: 7.70W Depth: 21F 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
GRNL	CZ	187	336	EP		754	28.29	-.000							1.0

August 21 2022 Hour: 10:28 1.1 Lat: 0.24S Lon: 80.70W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs

NEAR COAST OF ECUADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8451	51	EP		1039	48.480	.150							1.0
MORF	BZ	8451	51	IAMB		1039	50.20			285	1.9				
GRNL	BZ	8476	51	EP		1039	49.590	.050							1.0
GRNL	BZ	8476	51	IAMB		1039	50.75			16	0.8				
GRNL	BN	8476	51	ES		1049	34.08	-.230							1.0
MESJ	BZ	8501	51	EP		1039	50.850	.060							1.0
MESJ	BZ	8501	51	IAMB		1039	55.25			28	1.3				
MESJ	BE	8501	51	ES		1049	36.69	-.040							1.0

August 21 2022 Hour: 15:28 14.6 Lat: 60.61N Lon: 28.69W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ	2870	142	EP		1533	45.85	-.100							1.0
GRNL	BZ	2870	142	IAMB		1533	52.23			51	1.1				
GRNL	BN	2870	142	ES		1538	16.32	-.100							1.0
MESJ	BZ	2909	141	EP		1533	49.240	.060							1.0
MESJ	BZ	2909	141	IAMB		1533	56.38			333	2.2				
MORF	BZ	2949	142	EP		1533	52.630	.140							1.0
MORF	BZ	2949	142	IAMB		1533	59.00			128	1.6				

August 21 2022 Hour: 22:14 36.5 Lat: 36.89N Lon: 13.90W Depth: 10F Agency: IGL Regional
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	468	83	EP		2215	34.90	0.05							1.0
GRNL	CZ	490	72	EP		2215	37.36	-0.10							1.0
MESJ	HZ	514	76	EP		2215	40.42	0.05							1.0

August 21 2022 Hour: 22:18 43.5 Lat: 35.36N Lon: 4.62W Depth: 22F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	423	312	EP		2219	39.32	-.040							1.0
GRNL	CZ	466	312	EP		2219	44.570	.050							1.0

August 22 2022 Hour: 12:34 0.5 Lat: 36.70N Lon: 7.51W Depth: 22F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	141	334	EP		1234	21.500	.080							1.0
MESJ	HN	141	334	ES		1234	36.54	-.160							1.0
MESJ	HE	141	334	IAML		1234	38.02			2	0.2				
GRNL	CZ	182	330	EP		1234	26.570	.070							1.0

August 22 2022 Hour: 22:48 59.3 Lat: 38.81N Lon: 9.50W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

W SINTRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	112	133	EP		2249	16.92	-.130							1.0
GRNL	CE	112	133	ES		2249	30.160	.130							1.0
GRNL	CN	112	133	IAML		2249	31.36			3	0.2				

August 23 2022 Hour: 5:18 0.3 Lat: 36.88N Lon: 8.82W Depth: 24F Agency: IGL Regional
Magnitudes: 0.3ML 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	50	17	EP		518	8.90	-.010							1.0
MORF	HE	50	17	ES		518	15.220	.010							1.0
MORF	HE	50	17	IAML		518	15.64			2	0.2				

August 23 2022 Hour: 6:33 16.7 Lat: 35.82N Lon: 10.32W Depth: 37F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	222	42	EP		633	47.180	.010							1.0
MORF	HE	222	42	ES		634	9.36	-.020							1.0
MORF	HN	222	42	IAML		634	12.84			170	0.4				
MESJ	HZ	292	39	EP		633	55.76	-.050							1.0
MESJ	HN	292	39	ES		634	24.410	.080							1.0
MESJ	HE	292	39	IAML		634	27.87			37	0.1				
GRNL	CZ	298	31	EP		633	56.49	-.050							1.0
GRNL	CE	298	31	ES		634	25.630	.040							1.0
GRNL	CN	298	31	IAML		634	27.17			58	0.1				

August 23 2022 Hour: 10:16 15.2 Lat: 37.20N Lon: 4.74W Depth: 0 Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	315	284	EP		1016	59.70	-.100							1.0
MORF	HZ	347	273	EP		1017	3.840	.090							1.0
GRNL	CZ	352	288	EP		1017	4.400	.020							1.0

August 23 2022 Hour: 11:15 2.6 Lat: 38.72N Lon: 7.89W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

E ARRADIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	90	221	EP		1115	17.120	.170							1.0
GRNL	CN	90	221	ES		1115	27.21	-.210							1.0
GRNL	CN	90	221	IAML		1115	28.49			17	0.2				
MESJ	HZ	102	197	EP		1115	18.70	-.040							1.0
MESJ	HE	102	197	ES		1115	30.590	.070							1.0
MESJ	HE	102	197	IAML		1115	32.31			5	0.1				

August 23 2022 Hour: 14:31 40.2 Lat: 5.11S Lon: 103.09E Depth: 56F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

SOUTHERN SUMATRA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12236	308	308	EPP		1450	38.200	.040							1.0
MESJ	BZ12236	308	IAMs_20			1534	58.25			3356	26.7				
GRNL	BZ12261	309	309	EPP		1450	39.72	-.080							1.0
GRNL	BN12261	309	309	ESS		15	6	3.280	.000						1.0
GRNL	BN12261	309	IAMs_20			1541	0.63			4113	26.6				
MORF	BZ12283	308	308	EPP		1450	41.450	.170							1.0
MORF	BZ12283	308	IAMs_20			1548	45.78			3877	21.9				
GGNV	BZ12299	309	309	EPP		1450	42.14	-.130							1.0

August 23 2022 Hour: 17:46 6.4 Lat: 35.46N Lon: 3.66W 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	486	304	EP		1747	11.140	.100							1.0
MORF	HZ	493	296	EP		1747	11.74	-.160							1.0
GRNL	CZ	528	305	EP		1747	16.170	.070							1.0

August 24 2022 Hour: 6: 4 51.7 Lat: 38.75N Lon: 9.26W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

W AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	94	139	EP		6	5	6.65	-.150						1.0
GRNL	CE	94	139	ES		6	5	18.010	.150						1.0
GRNL	CN	94	139	IAML		6	5	19.45			2	0.1			

August 24 2022 Hour: 8: 1 39.3 Lat: 36.29N Lon: 9.77W Depth: 30F 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	150	41	EP		8	2	0.970	.150						1.0
MORF	HN	150	41	ES		8	2	16.43	-.080						1.0
MORF	HN	150	41	IAML		8	2	18.51			123	0.1			
MESJ	HZ	220	38	EP		8	2	9.510	.020						1.0
MESJ	HE	220	38	ES		8	2	31.570	.070						1.0
MESJ	HN	220	38	IAML		8	2	33.89			41	0.1			
GRNL	CZ	228	27	EP		8	2	10.25	-.210						1.0
GRNL	CN	228	27	ES		8	2	33.210	.040						1.0
GRNL	CN	228	27	IAML		8	2	34.27			116	0.2			

August 24 2022 Hour: 12: 9 45.3 Lat: 22.05S Lon: 68.50W Depth: 95F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

ANTOFAGASTA, CHILE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9078	44	EP		1221	52.77	-.030							1.0
MORF	BZ	9078	44	IAMB		1221	54.09			50	1.0				
GRNL	BZ	9136	44	EP		1221	55.540	.080							1.0
GRNL	BZ	9136	44	IAMB		1221	56.19			22	0.7				
GRNL	BN	9136	44	ES		1232	2.77	-.120							1.0

MESJ BZ 9143 44 EP 1221 55.900.070 1.0
 MESJ BZ 9143 44 IAMB 1221 57.43 33 0.8

**August 24 2022 Hour: 12:41 38.9 Lat: 36.42N Lon: 9.79W Depth: 30F 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	141	46	EP		1241	59.320	.020							1.0
MORF	HN	141	46	ES		1242	14.06-	.110							1.0
MORF	HN	141	46	IAML		1242	15.60		27	0.2					
MESJ	HZ	210	41	EP		1242	8.020	.150							1.0
MESJ	HE	210	41	ES		1242	29.050	.050							1.0
MESJ	HN	210	41	IAML		1242	30.17		6	0.2					
GRNL	CZ	216	30	EP		1242	8.44-	.160							1.0
GRNL	CN	216	30	ES		1242	30.300	.040							1.0
GRNL	CN	216	30	IAML		1242	31.46		20	0.2					

**August 24 2022 Hour: 15:12 50.7 Lat: 35.51N Lon: 3.67W 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	482	304	EP		1513	54.240	.040							1.0
GRNL	CZ	523	305	EP		1513	59.21-	.040							1.0

**August 24 2022 Hour: 22:46 9.2 Lat: 39.27N Lon: 9.23W Depth: 13F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.0 secs**

W BOMBARRAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	141	156	EP		2246	30.960	.050							1.0
GRNL	CE	141	156	ES		2246	46.69-	.050							1.0
GRNL	CE	141	156	IAML		2246	47.99		7	0.2					

**August 25 2022 Hour: 1:52 11.3 Lat: 37.31N Lon: 8.49W Depth: 17F Agency: IGL Regional
 Magnitudes: 0.6ML 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	14	269	EP		152	14.960	.120							1.0
MORF	HE	14	269	ES		152	17.34-	.120							1.0
MORF	HN	14	269	IAML		152	17.54		14	0.2					

**August 25 2022 Hour: 9:13 20.1 Lat: 36.00N Lon: 4.64W Depth: 33F Agency: IGL Regional
 Magnitudes: 2.2ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	379	304	EP		914	9.86-	.040							1.0
GRNL	CZ	420	305	EP		914	15.040	.080							1.0
GRNL	CE	420	305	ES		914	54.94-	.040							1.0
GRNL	CN	420	305	IAML		914	57.59		6	0.1					

**August 25 2022 Hour: 16:33 7.2 Lat: 38.26N Lon: 8.90W Depth: 12F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.1 secs**

NW MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	CZ	33	120	EP		1633	12.85-	.060							1.0
GRNL	CN	33	120	ES		1633	17.350	.250							1.0
GRNL	CE	33	120	IAML		1633	18.51		56	0.1					
MESJ	HZ	76	128	EP		1633	19.24-	.070							1.0
MESJ	HE	76	128	ES		1633	28.17-	.000							1.0
MESJ	HN	76	128	IAML		1633	30.07		12	0.1					
MORF	HZ	108	168	EP		1633	24.13-	.120							1.0

August 25 2022 Hour: 20:39 52.2 Lat: 35.42N Lon: 3.63W Depth: 3F 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	305	EP		2040	57.96	-.120							1.0
GRNL	CZ	532	306	EP		2041	3.270	.120							1.0

August 26 2022 Hour: 2:36 44.8 Lat: 36.65N Lon: 9.83W Depth: 10F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	195	47	EP		237	13.29	-.190							1.0
MESJ	HE	195	47	ES		237	34.570	.170							1.0
MESJ	HE	195	47	IAML		237	36.10		0.80	0.2					
GRNL	CN	197	34	ES		237	34.870	.020							1.0
GRNL	CN	197	34	IAML		237	36.19		2	0.2					

August 26 2022 Hour: 3: 2 0.6 Lat: 36.76N Lon: 10.51W 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	176	69	EP		3 2	25.43	-.040							1.0
GRNL	CZ	228	48	EP		3 2	31.70	-.170							1.0
GRNL	CE	228	48	ES		3 2	54.920	.200							1.0
GRNL	CN	228	48	IAML		3 2	56.92		4	0.2					
MESJ	HE	236	59	ES		3 2	56.460	.010							1.0
MESJ	HN	236	59	IAML		3 3	0.56		2	0.1					

August 26 2022 Hour: 10:32 13.7 Lat: 38.09N Lon: 9.06W Depth: 4F Agency: IGL Regional
Magnitudes: 1.6ML 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
GRNL	CZ	43	88	EP		1032	20.820	.170							1.0
GRNL	CN	43	88	ES		1032	25.770	.040							1.0
GRNL	CN	43	88	IAML		1032	27.66		55	0.1					
MESJ	HZ	79	111	EP		1032	26.29	-.150							1.0
MESJ	HN	79	111	ES		1032	35.820	.080							1.0
MESJ	HN	79	111	IAML		1032	37.93		12	0.1					
MORF	HZ	95	158	EP		1032	28.90	-.080							1.0
MORF	HE	95	158	ES		1032	40.08	-.060							1.0
MORF	HN	95	158	IAML		1032	40.79		31	0.2					

August 26 2022 Hour: 11:24 13.1 Lat: 36.22N Lon: 8.15W Depth: 30F 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
GRNL	CZ	213	350	EP		1124	42.390	.050							1.0
GRNL	CE	213	350	ES		1125	3.61	-.050							1.0
GRNL	CN	213	350	IAML		1125	4.37		2	0.1					

August 26 2022 Hour: 17:13 23.8 Lat: 36.62N Lon: 9.78W 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	126	53	EP		1713	43.430	.030							1.0
MESJ	HZ	194	45	EP		1713	51.76	-.020							1.0
GRNL	CZ	197	33	EP		1713	52.02	-.160							1.0
GRNL	CN	197	33	ES		1714	13.070	.140							1.0
GRNL	CN	197	33	IAML		1714	16.59		3	0.1					

August 26 2022 Hour: 19:29 47.1 Lat: 36.64N Lon: 9.73W Depth: 15F 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	121	52	EP		1930	6.190	.020							1.0
MORF	HN	121	52	ES		1930	20.240	.140							1.0
MORF	HN	121	52	IAML		1930	21.48			21	0.2				
MESJ	HZ	189	45	EP		1930	14.56	-.010							1.0
MESJ	HN	189	45	ES		1930	34.60	-.030							1.0
MESJ	HN	189	45	IAML		1930	35.66			4	0.1				
GRNL	CZ	193	32	EP		1930	14.90	-.130							1.0

August 27 2022 Hour: 1:30 42.6 Lat: 36.57N Lon: 11.24W Depth: 31F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	245	70	EP		131	15.020	.030							1.0
GRNL	CZ	292	53	EP		131	20.860	.040							1.0
MESJ	HZ	303	61	EP		131	22.08	-.120							1.0
MESJ	HN	303	61	ES		131	51.190	.050							1.0
MESJ	HE	303	61	IAML		131	52.56			0.60	0.1				

August 27 2022 Hour: 9:38 22.3 Lat: 36.36N Lon: 7.95W Depth: 11F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	330	EP		938	41.49	-.010							1.0
MESJ	HZ	166	352	EP		938	47.350	.130							1.0
MESJ	HE	166	352	ES		939	5.39	-.050							1.0
MESJ	HE	166	352	IAML		939	6.54			6	0.1				
GRNL	CZ	202	345	EP		938	51.58	-.070							1.0

August 27 2022 Hour: 10:54 32.5 Lat: 36.85N Lon: 8.58W Depth: 19F 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	50	352	EP		1054	40.89	-.110							1.0
MORF	HE	50	352	ES		1054	47.310	.110							1.0
MORF	HE	50	352	IAML		1054	47.99			5	0.1				

August 27 2022 Hour: 19:40 13.1 Lat: 39.27N Lon: 9.23W Depth: 3F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

W BOMBARRAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	61	173	ES		1940	30.25	-.020							1.0
GGNV	HN	61	173	IAML		1940	32.18			287	0.4				
GRNL	CE	141	156	ESg		1940	52.610	.170							1.0
GRNL	CN	141	156	IAML		1940	54.49			108	0.2				
MESJ	HZ	181	150	EPg		1940	42.430	.070							0.9
MESJ	HE	181	150	ESg		1941	3.48	-.240							0.9
MESJ	HN	181	150	IAML		1941	5.27			36	0.2				
MORF	HZ	224	167	EP		1940	46.070	.010							0.9

August 28 2022 Hour: 6:48 19.7 Lat: 37.32N Lon: 8.56W Depth: 12F 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	9	259	EP		648	21.97	-.210							1.0
MORF	HN	9	259	ES		648	24.150	.160							1.0
MORF	HE	9	259	IAML		648	24.90			91	0.1				
MESJ	HN	65	27	ES		648	37.900	.030							1.0
MESJ	HN	65	27	IAML		648	38.98			4	0.2				
GRNL	CZ	88	359	EP		648	33.61	-.030							1.0

GRNL CE 88 359 ES 648 43.860.050 1.0
 GRNL CN 88 359 IAML 648 44.71 18 0.2

**August 28 2022 Hour: 10:23 34.1 Lat: 37.06N Lon: 14.35W Depth: 29F Agency: IGL Regional
 Magnitudes: 1.7ML IGL Rms: 0.1 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	506	85	EP		10 3	37.150	.100							1.0
MORF	HN	506	85	ES		10 4	22.98-	.040							1.0
MORF	HE	506	85	IAML		10 4	24.39		2	0.1					
GRNL	CZ	523	75	EP		10 3	39.04-	.040							1.0
GRNL	CN	523	75	ES		10 4	26.41-	.120							1.0
GRNL	CN	523	75	IAML		10 4	28.95		2	0.1					
MESJ	HZ	549	79	EP		10 3	42.250	.020							1.0
MESJ	HE	549	79	ES		10 4	32.050	.080							1.0
MESJ	HE	549	79	IAML		10 4	33.90		0.80	0.2					

**August 28 2022 Hour: 13:21 9.9 Lat: 21.43S Lon: 178.85W Depth: 562F Agency: IGL Distant
 Rms: 0.1 secs**

FIJI REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ17957	25	EPK	pdf		1340	5.910	.030							1.0
GRNL	BZ17957	25	EPK	Pab		1340	54.30-	.150							1.0
MESJ	BZ17998	24	EPK	pdf		1340	6.510	.230							1.0
MESJ	BZ17998	24	EPK	Pab		1340	55.99-	.100							1.0

**August 28 2022 Hour: 18:41 30.1 Lat: 36.86N Lon: 8.91W Depth: 26F 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	54	25	EP		1841	39.590	.120							1.0
MORF	HN	54	25	ES		1841	46.15-	.120							1.0
MORF	HN	54	25	IAML		1841	46.63		5	0.1					

**August 28 2022 Hour: 18:48 3.1 Lat: 21.76S Lon: 176.99W Depth: 221F 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
GRNL	BZ17903	29	EPK	pdf		19 7	36.270	.270							0.9
GRNL	BZ17903	29	EPK	Pab		19 8	20.30-	.040							1.0
MESJ	BZ17945	29	EPK	pdf		19 7	36.510	.090							1.0
MESJ	BZ17945	29	EPK	Pab		19 8	21.84-	.170							0.9
MORF	BZ17971	31	EPK	pdf		19 7	36.69-	.030							1.0
MORF	BZ17971	31	EPK	Pab		19 8	23.05-	.070							1.0

**August 28 2022 Hour: 19:22 16.3 Lat: 37.69N Lon: 9.01W Depth: 2F Agency: IGL Regional
 Magnitudes: 0.4ML IGL Rms: 0.0 secs**

SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	53	144	EP		1922	24.82-	.040							1.0
MORF	HN	53	144	ES		1922	31.170	.040							1.0
MORF	HN	53	144	IAML		1922	31.76		2	0.1					

**August 29 2022 Hour: 3:29 15.0 Lat: 0.93S Lon: 98.64E Depth: 15F Agency: IGL Distant
 Magnitudes: 5.7Ms IGL Rms: 0.1 secs**

KEPULAUAN BATU, INDONESIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11561	309	EPP			347	33.40-	.020							1.0
MESJ	BZ11561	309	IAMs_20			440	0.85		2826	19.6					
GRNL	BZ11586	309	EPdif			343	17.410	.070							1.0
GRNL	BZ11586	309	EPP			347	34.95-	.140							1.0
GRNL	BZ11586	309	IAMs_20			438	44.05		2127	20.0					
MORF	BZ11609	308	EPP			347	36.750	.080							1.0
MORF	BZ11609	308	IAMs_20			444	12.13		2797	21.6					

August 29 2022 Hour: 5:36 58.2 Lat: 36.91N Lon: 8.93W Depth: 15F 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	50	29	EP		537	6.48	-.130							1.0
MORF	HN	50	29	ES		537	12.850	.130							1.0
MORF	HN	50	29	IAML		537	13.60			5	0.1				

August 29 2022 Hour: 6:36 10.7 Lat: 36.76N Lon: 11.07W Depth: 23F 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	224	74	EP		636	42.170	.050							1.0
MORF	HN	224	74	ES		637	5.00	-.020							1.0
MORF	HN	224	74	IAML		637	6.90			15	0.2				
GRNL	CZ	267	55	EP		636	47.550	.050							1.0
GRNL	CE	267	55	ES		637	14.380	.040							1.0
GRNL	CN	267	55	IAML		637	17.49			11	0.2				
MESJ	HZ	280	64	EP		636	48.94	-.130							1.0

August 29 2022 Hour: 18:10 51.3 Lat: 32.73S Lon: 179.06W Depth: 32F Agency: IGL Distant
Magnitudes: 5.5Ms IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GRNL	BZ18969	53	EP	KP \bar{d} f		1830	55.570	.030							1.0
GRNL	BZ18969	53	EPP			1836	3.57	-.100							1.0
GRNL	BZ18969	53	IAMs	20		1943	40.58			591	20.2				
MORF	BZ19007	57	EP	KP \bar{d} f		1830	55.830	.040							1.0
MORF	BZ19007	57	EPP			1836	5.36	-.060							1.0
MORF	BZ19007	57	IAMs	20		1948	52.42			969	29.6				
MESJ	BZ19011	53	EP	KP \bar{d} f		1830	55.830	.070							1.0
MESJ	BZ19011	53	EPP			1836	5.570	.020							1.0
MESJ	BZ19011	53	IAMs	20		1948	29.03			565	17.4				

August 30 2022 Hour: 0:17 46.1 Lat: 38.13N Lon: 7.97W Depth: 6F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

SW CUBA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	215	EP		017	52.690	.180							1.0
MESJ	HN	39	215	ES		017	56.93	-.230							1.0
MESJ	HE	39	215	IAML		017	57.43			36	0.1				
GRNL	CZ	53	268	EP		017	54.870	.120							1.0
GRNL	CE	53	268	ES		018	1.01	-.020							1.0
GRNL	CE	53	268	IAML		018	2.10			40	0.1				
MORF	HN	110	214	ES		018	16.59	-.050							1.0
MORF	HN	110	214	IAML		018	18.21			36	0.3				

August 30 2022 Hour: 13:55 54.3 Lat: 35.49N Lon: 3.62W Depth: 13F 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		1356	58.880	.140							1.0
MORF	HZ	495	296	EP		1356	59.47	-.200							1.0
GRNL	CZ	529	305	EP		1357	3.860	.060							1.0

August 31 2022 Hour: 9:56 40.2 Lat: 37.60N Lon: 26.87E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.1 secs

DODECANESE ISLANDS, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3076	281	EP		10 2	28.13	-.070							1.0
MESJ	BZ	3076	281	IAMB		10 2	29.00			17	1.0				
GRNL	BZ	3100	282	EP		10 2	30.250	.070							1.0
GRNL	BZ	3100	282	IAMB		10 2	31.32			23	1.4				

August 31 2022 Hour: 10:10 10.9 Lat: 37.58N Lon: 26.82E Depth: 9F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

DODECANESE ISLANDS, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3072	281	EP		1015	58.810	.020							1.0
MESJ	BZ	3072	281	IAmb		1016	7.84			30	0.8				
GRNL	BZ	3097	282	EP		1016	0.76	-.020							1.0
GRNL	BZ	3097	282	IAmb		1016	2.53			32	1.3				

August 31 2022 Hour: 10:43 5.9 Lat: 34.80N Lon: 8.59W 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	278	359	EP		1043	42.12	-.270							1.0
MORF	HE	278	359	ES		1044	9.100	.040							1.0
MORF	HN	278	359	IAML		1044	11.23			4	0.2				
MESJ	HZ	339	6	EP		1043	49.970	.040							1.0
GRNL	CZ	367	0	EP		1043	53.460	.030							1.0
GRNL	CN	367	0	ES		1044	28.320	.160							1.0
GRNL	CN	367	0	IAML		1044	30.60			2	0.3				

August 31 2022 Hour: 14: 2 18.5 Lat: 37.58N Lon: 26.82E Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.0 secs

DODECANESE ISLANDS, GREECE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3072	281	EP		14 8	6.19	-.000							1.0
MESJ	BZ	3072	281	IAmb		14 8	7.75			14	1.1				

August 31 2022 Hour: 14:31 5.1 Lat: 35.46N Lon: 3.68W 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	304	EP		1432	10.47	-.010							1.0
GRNL	CZ	526	305	EP		1432	15.560	.010							1.0

August 31 2022 Hour: 15:14 49.4 Lat: 35.47N 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	489	304	EP		1515	53.760	.020							1.0
GRNL	CZ	531	305	EP		1515	58.78	-.020							1.0